

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032420\
 Data File : BF119494.D
 Acq On : 24 Mar 2020 18:59
 Operator : CG/JU
 Sample : L2009-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TRACKS-66-67MS

Manual Integrations
 APPROVED

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 3/25/2020 12:29:36 PM

Quant Time: Mar 25 00:21:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 18 15:11:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	303255	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	1164612	20.00	ng	-0.01
39) Acenaphthene-d10	9.89	164	595311	20.00	ng	-0.01
64) Phenanthrene-d10	11.38	188	1146116	20.00	ng	-0.01
76) Chrysene-d12	14.02	240	781794	20.00	ng	-0.01
87) Perylene-d12	15.49	264	673086	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	2100133	110.24	ng	0.00
7) Phenol-d6	6.47	99	2743675	112.75	ng	0.00
23) Nitrobenzene-d5	7.41	82	1733552	80.90	ng	-0.01
42) 2,4,6-Tribromophenol	10.69	330	786253	128.02	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	3160616	78.65	ng	-0.01
79) Terphenyl-d14	12.97	244	3476774	87.13	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	337844	35.908	ng	98
3) Pyridine	3.40	79	927025	35.765	ng	98
4) n-Nitrosodimethylamine	3.36	42	507599	40.158	ng	97
6) Aniline	6.50	93	510683	15.205	ng	97
8) 2-Chlorophenol	6.63	128	961946	48.079	ng	100
9) Benzaldehyde	6.39	77	622988	40.356	ng	98
10) Phenol	6.49	94	1174174	45.220	ng	98
11) bis(2-Chloroethyl)ether	6.58	93	898217	43.252	ng	99
12) 1,3-Dichlorobenzene	6.79	146	965039	44.565	ng	98
13) 1,4-Dichlorobenzene	6.86	146	969041	44.739	ng	99
14) 1,2-Dichlorobenzene	7.02	146	906042	44.753	ng	100
15) Benzyl Alcohol	6.99	79	812497	44.386	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1741827	41.582	ng	98
17) 2-Methylphenol	7.10	107	770385	42.025	ng	100
18) Hexachloroethane	7.36	117	370248	46.645	ng	98
19) n-Nitroso-di-n-propylamine	7.26	70	656020	44.725	ng	97
20) 3+4-Methylphenols	7.25	107	928247	41.318	ng	# 81
22) Acetophenone	7.26	105	1222242	43.921	ng	97
24) Nitrobenzene	7.43	77	986897	43.094	ng	98
25) Isophorone	7.67	82	1832435	42.155	ng	97
26) 2-Nitrophenol	7.75	139	503114	55.797	ng	98
27) 2,4-Dimethylphenol	7.78	122	829210	44.474	ng	98
28) bis(2-Chloroethoxy)methane	7.88	93	1172709	45.622	ng	99
29) 2,4-Dichlorophenol	7.99	162	780430	45.555	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	847222	44.718	ng	97
31) Naphthalene	8.15	128	2641140	44.069	ng	100
32) Benzoic acid	7.91	122	664459	55.402	ng	98
33) 4-Chloroaniline	8.20	127	163581	5.957	ng	94
34) Hexachlorobutadiene	8.27	225	479741	45.257	ng	99
35) Caprolactam	8.57	113	253725m	45.254	ng	
36) 4-Chloro-3-methylphenol	8.68	107	852420	45.526	ng	98
37) 2-Methylnaphthalene	8.85	142	1816075	46.172	ng	99
38) 1-Methylnaphthalene	8.95	142	1695784	45.550	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	769673	44.110	ng	99

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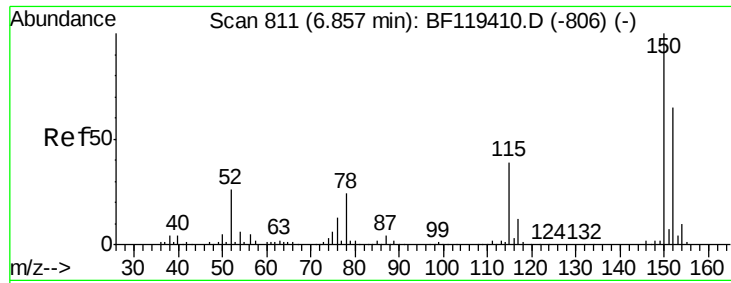
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Quant Time: Mar 25 00:21:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
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 QLast Update : Wed Mar 18 15:11:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	931207	93.872	nq	100
43) 2,4,6-Trichlorophenol	9.12	196	581093	46.536	nq	99
44) 2,4,5-Trichlorophenol	9.16	196	599026	42.824	nq	99
46) 1,1'-Biphenyl	9.31	154	2126921	43.867	nq	99
47) 2-Chloronaphthalene	9.34	162	1669337	43.954	nq	98
48) 2-Nitroaniline	9.43	65	598690	45.671	nq	99
49) Acenaphthylene	9.75	152	2610822	43.776	nq	100
50) Dimethylphthalate	9.62	163	2122371	50.192	nq	99
51) 2,6-Dinitrotoluene	9.67	165	436943	48.209	nq	89
52) Acenaphthene	9.93	154	1793808	48.245	nq	99
53) 3-Nitroaniline	9.83	138	158113	13.818	nq	98
54) 2,4-Dinitrophenol	9.95	184	417512	104.053	nq	95
55) Dibenzofuran	10.10	168	2344357	43.978	nq	98
56) 4-Nitrophenol	10.00	139	772006	85.524	nq	91
57) 2,4-Dinitrotoluene	10.08	165	589899	51.666	nq	98
58) Fluorene	10.44	166	1774891	45.025	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.22	232	510805	48.853	nq	99
60) Diethylphthalate	10.32	149	1997839	46.551	nq	99
61) 4-Chlorophenyl-phenylether	10.43	204	880152	45.658	nq	99
62) 4-Nitroaniline	10.46	138	425116	38.743	nq	99
63) Azobenzene	10.59	77	1921705	44.465	nq	98
65) 4,6-Dinitro-2-methylphenol	10.49	198	274848	57.189	nq	99
66) n-Nitrosodiphenylamine	10.55	169	1655611	44.003	nq	98
67) 4-Bromophenyl-phenylether	10.92	248	572797	43.883	nq	98
68) Hexachlorobenzene	10.99	284	613244	45.904	nq	# 89
69) Atrazine	11.08	200	490215	47.525	nq	99
70) Pentachlorophenol	11.18	266	705654	90.084	nq	98
71) Phenanthrene	11.40	178	2581284	43.435	nq	99
72) Anthracene	11.46	178	2676962	44.320	nq	99
73) Carbazole	11.61	167	2478256	41.453	nq	99
74) Di-n-butylphthalate	11.94	149	3091483	48.340	nq	98
75) Fluoranthene	12.59	202	2806143	43.630	nq	99
77) Benzidine	12.71	184	965277	29.175	nq	99
78) Pyrene	12.82	202	2802831	43.684	nq	99
80) Butylbenzylphthalate	13.44	149	1362323	52.497	nq	98
81) Benzo(a)anthracene	14.02	228	2121372	41.727	nq	99
82) 3,3'-Dichlorobenzidine	13.97	252	322553	16.091	nq	98
83) Chrysene	14.05	228	2247643	42.839	nq	100
84) Bis(2-ethylhexyl)phthalate	14.00	149	1728411	55.873	nq	100
85) Di-n-octyl phthalate	14.62	149	2892554	53.167	nq	98
86) Indeno(1,2,3-cd)pyrene	16.96	276	2027935	41.039	nq	97
88) Benzo(b)fluoranthene	15.06	252	2032972	45.215	nq	99
89) Benzo(k)fluoranthene	15.09	252	1954418	45.650	nq	99
90) Benzo(a)pyrene	15.43	252	1742669	42.649	nq	98
91) Dibenzo(a,h)anthracene	16.98	278	1661311	46.484	nq	98
92) Benzo(g,h,i)perylene	17.40	276	1672181	46.572	nq	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

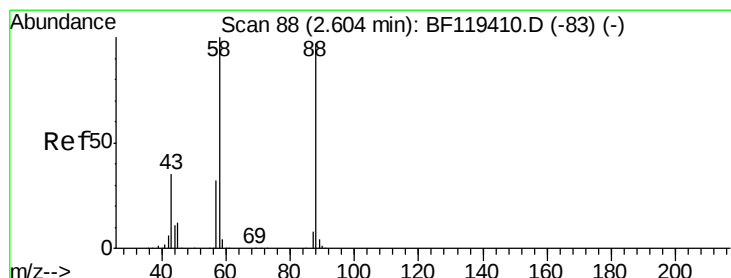
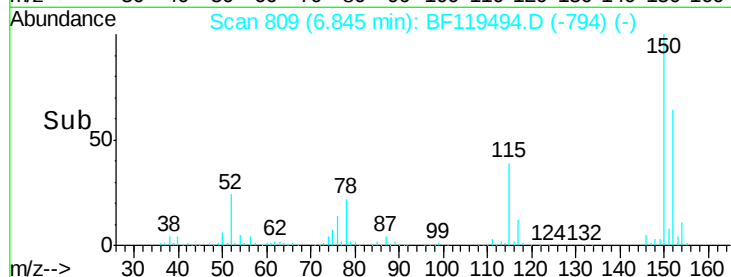
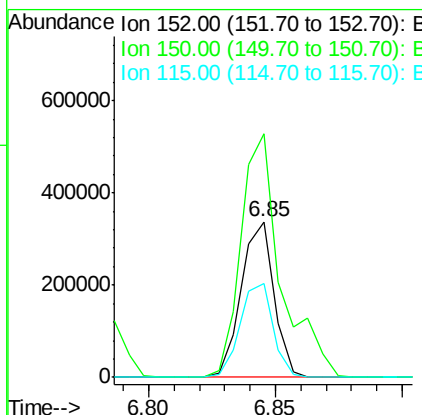
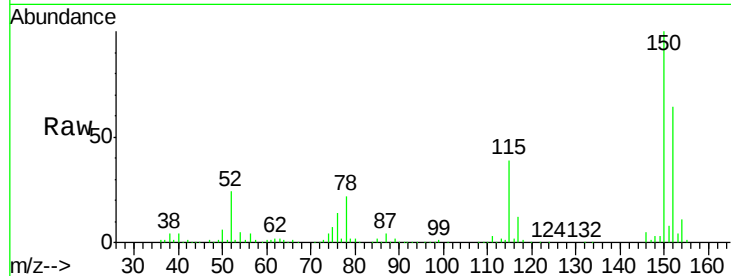
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF119494.D
Acq: 24 Mar 2020 18:59

Instrument :
BNA_F
ClientSampleId :
TRACKS-66-67MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	123.9	185.9
115	60.4	47.8	71.6

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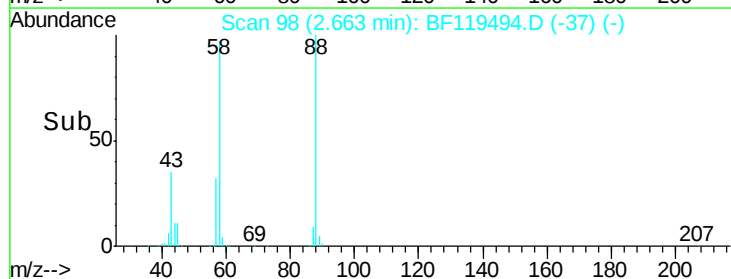
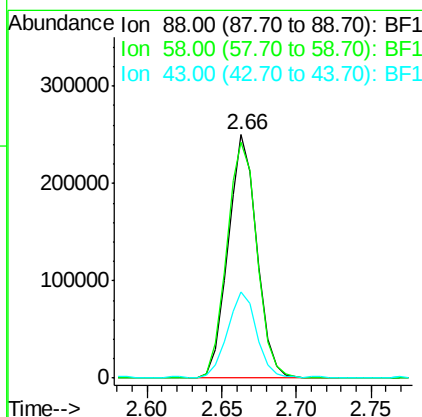
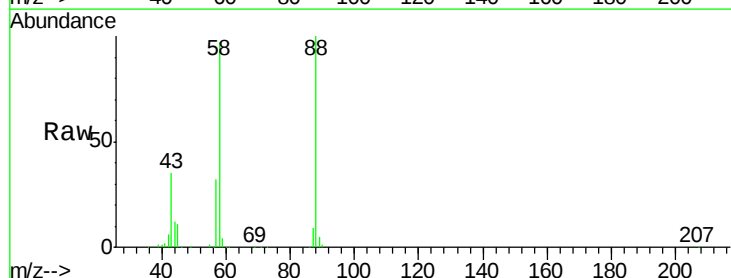
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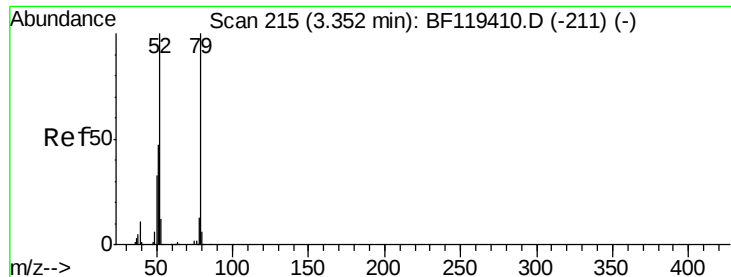


#2

1,4-Dioxane
Concen: 35.908 ng
RT: 2.66 min Scan# 98
Delta R.T. 0.06 min
Lab File: BF119494.D
Acq: 24 Mar 2020 18:59

Tgt Ion	Ratio	Lower	Upper
88	100		
58	102.0	79.4	119.2
43	35.2	28.4	42.6





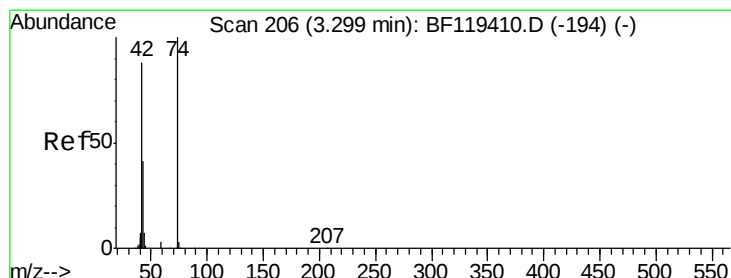
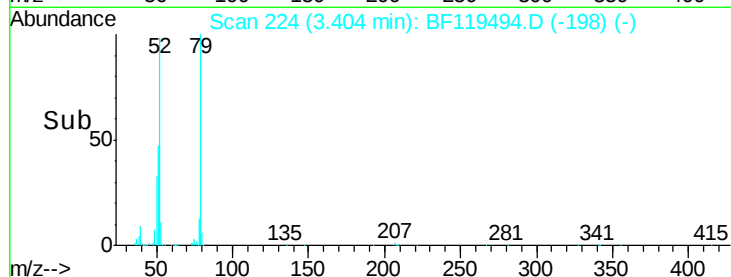
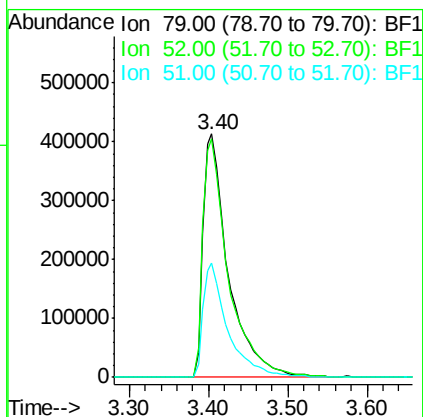
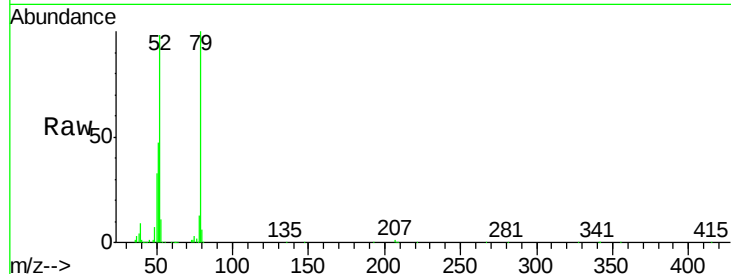
#3
 Pvridine
 Concen: 35.765 ng
 RT: 3.40 min Scan# 224
 Delta R.T. 0.05 min
 Lab File: BF119494.D
 Acq: 24 Mar 2020 18:59

Instrument :
 BNA_F
 ClientSampleId :
 TRACKS-66-67MS

Tot Ion	Ion	Ratio	Lower	Upper
79	100			
52	97.8	80.0	120.0	
51	47.1	37.9	56.9	

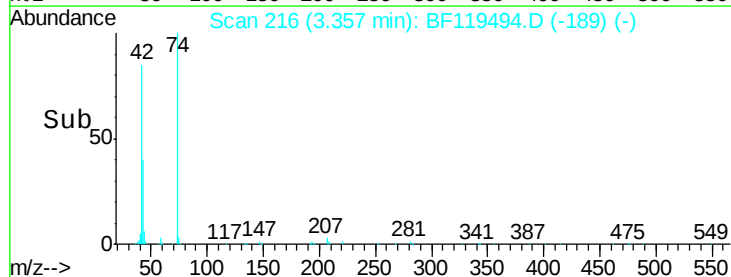
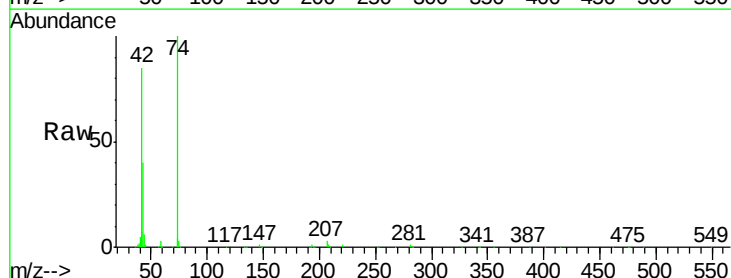
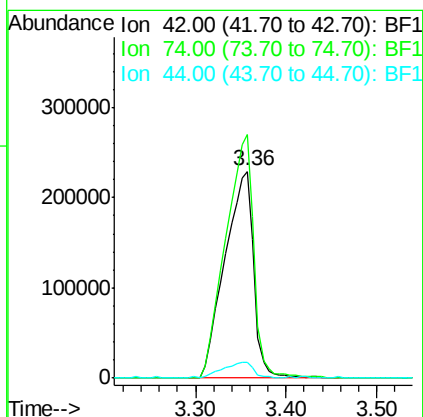
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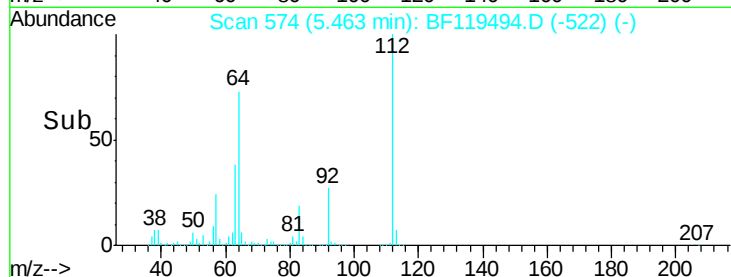
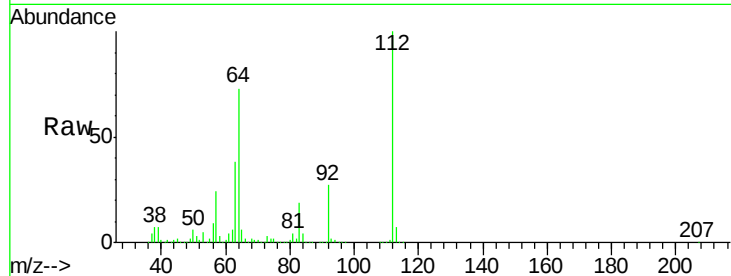
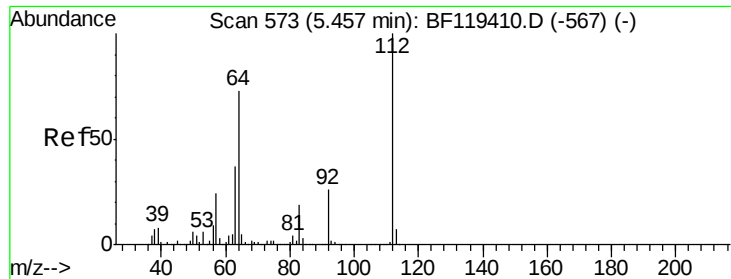
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#4
 n-Nitrosodimethylamine
 Concen: 40.158 ng
 RT: 3.36 min Scan# 216
 Delta R.T. 0.06 min
 Lab File: BF119494.D
 Acq: 24 Mar 2020 18:59

Tgt Ion	Ion	Ratio	Lower	Upper
42	100			
74	117.7	91.3	136.9	
44	7.6	7.1	10.7	





#5

2-Fluorophenol

Concen: 110.244 ng

RT: 5.46 min Scan# 574

Delta R.T. 0.01 min

Lab File: BF119494.D

Acq: 24 Mar 2020 18:59

Tot Ion:	112	Resp:	2100133
Ion	Ratio	Lower	Upper
112	100		
64	72.7	58.1	87.1
63	38.2	29.7	44.5

Instrument :

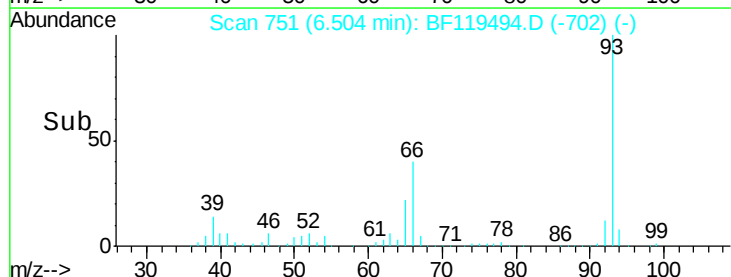
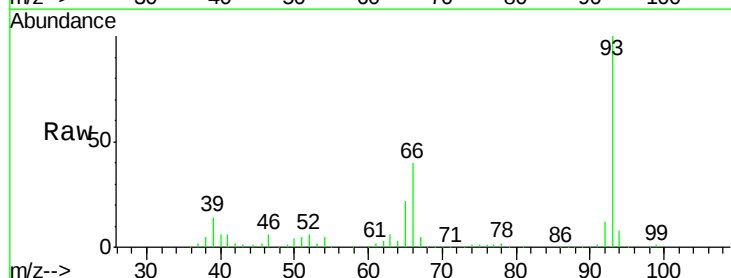
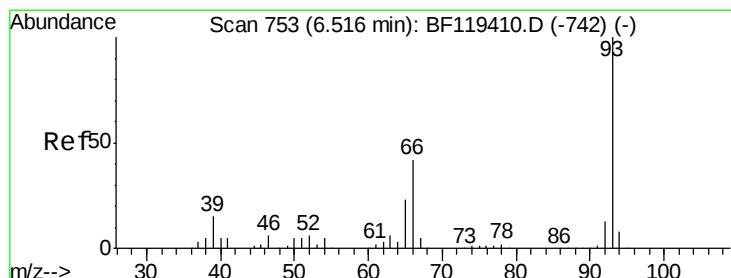
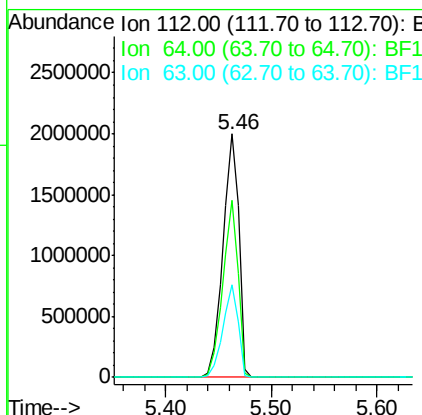
BNA_F

ClientSampleId :

TRACKS-66-67MS

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#6

Aniline

Concen: 15.205 ng

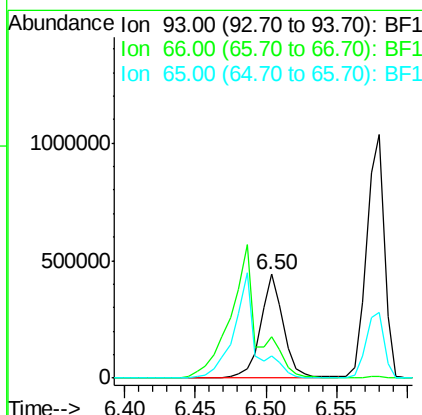
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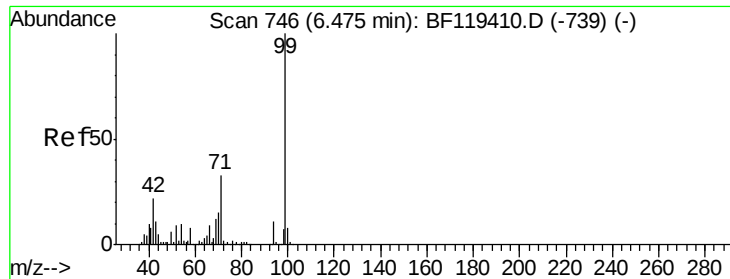
Delta R.T. -0.01 min

Lab File: BF119494.D

Acq: 24 Mar 2020 18:59

Tgt Ion:	93	Resp:	510683
Ion	Ratio	Lower	Upper
93	100		
66	40.4	34.2	51.4
65	21.8	18.2	27.4





#7

Phenol-d6

Concen: 112.747 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF119494.D

Acq: 24 Mar 2020 18:59

Instrument :

BNA_F

ClientSampleId :

TRACKS-66-67MS

Tot Ion: 99 Resp: 2743675

Ion Ratio Lower Upper

99 100

42 20.9 17.8 26.6

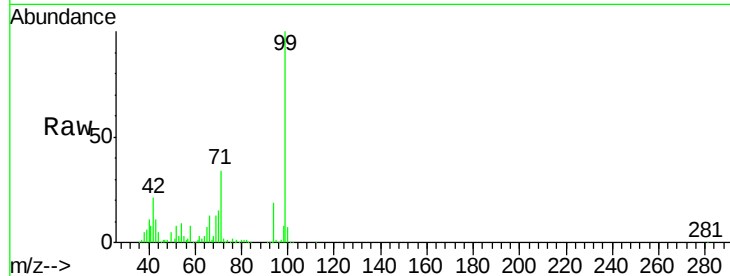
71 34.1 26.0 39.0

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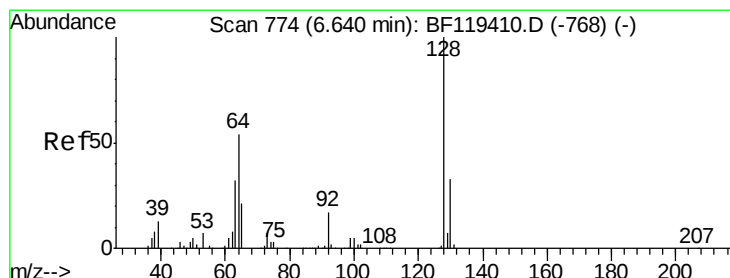
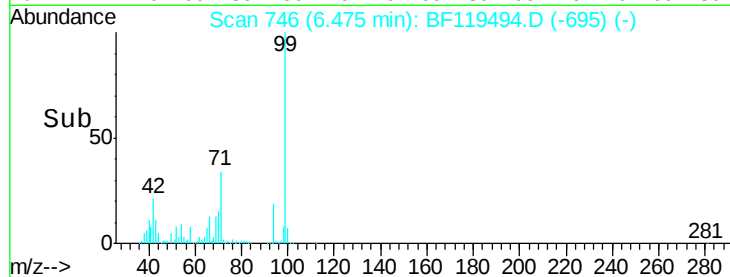
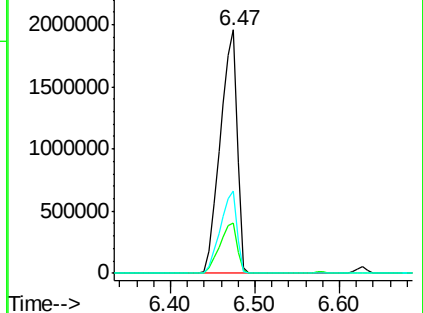
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 48.079 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF119494.D

Acq: 24 Mar 2020 18:59

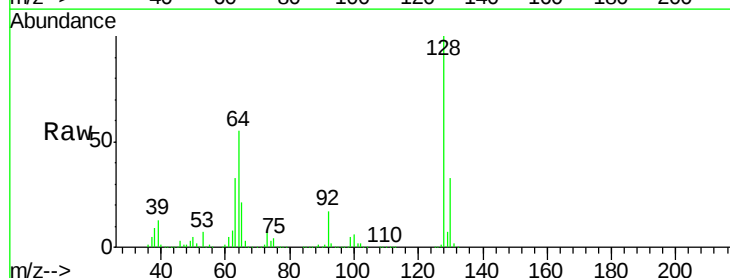
Tgt Ion: 128 Resp: 961946

Ion Ratio Lower Upper

128 100

130 32.8 13.0 53.0

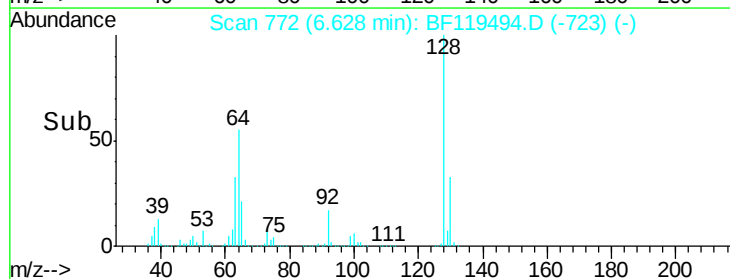
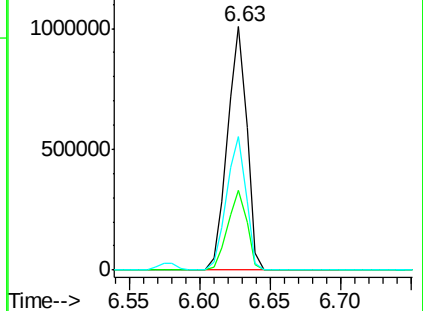
64 54.7 35.1 75.1

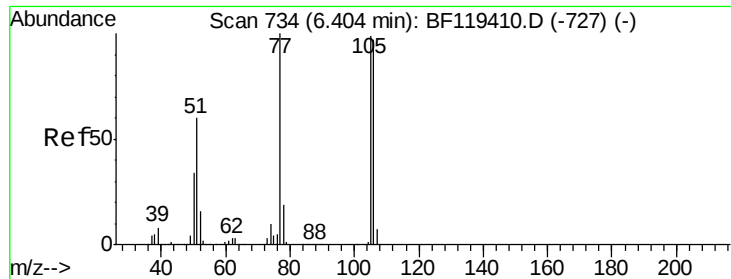


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 40.356 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF119494.D

Acq: 24 Mar 2020 18:59

Instrument :

BNA_F

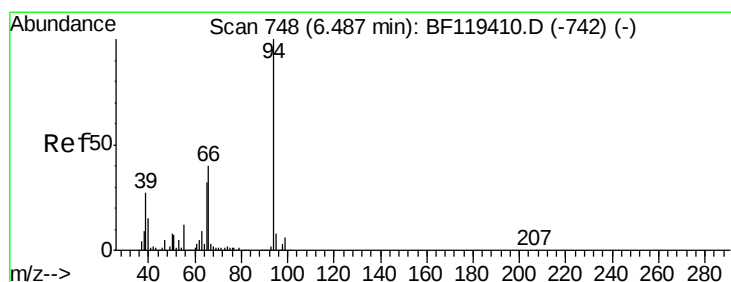
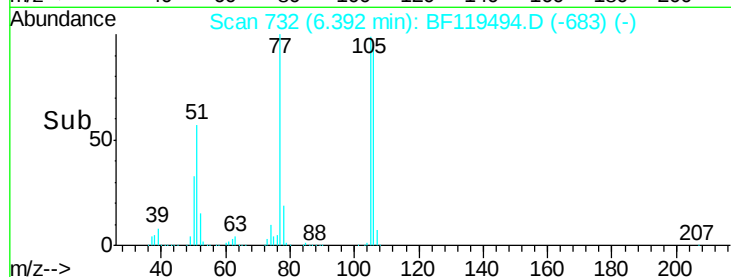
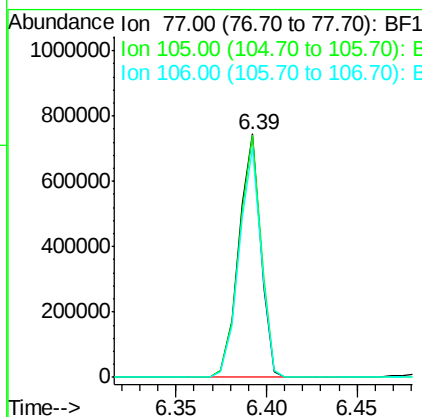
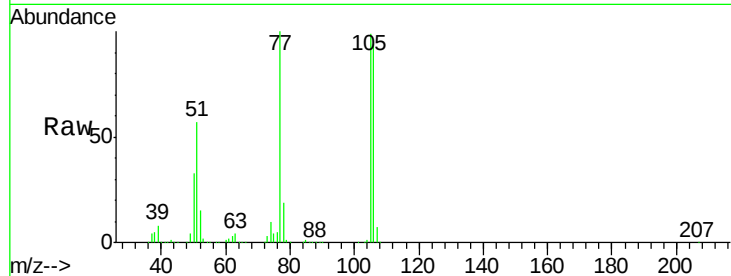
ClientSampleId :

TRACKS-66-67MS

Tot Ion:	77	Resp:	622988
Ion	Ratio	Lower	Upper
77	100		
105	99.5	78.6	118.6
106	94.3	76.5	116.5

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#10

Phenol

Concen: 45.220 ng

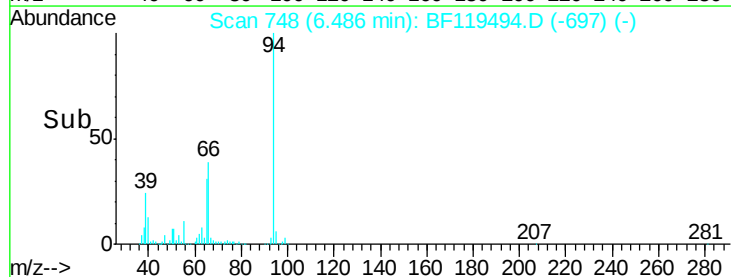
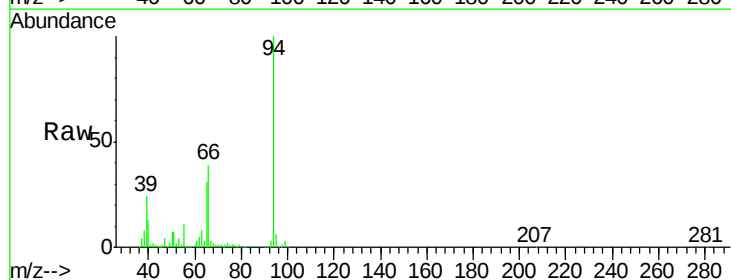
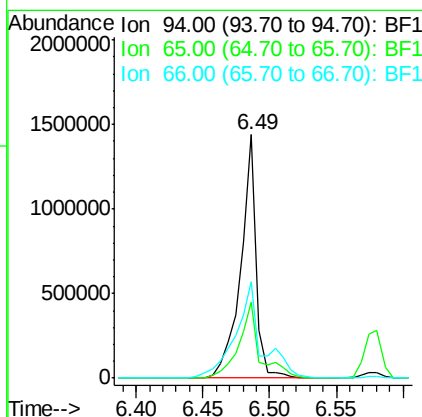
RT: 6.49 min Scan# 748

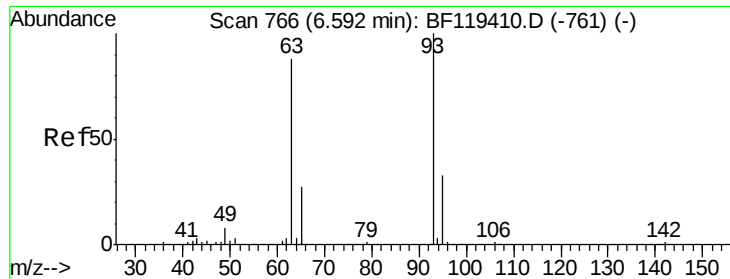
Delta R.T. -0.00 min

Lab File: BF119494.D

Acq: 24 Mar 2020 18:59

Tgt Ion:	94	Resp:	1174174
Ion	Ratio	Lower	Upper
94	100		
65	31.1	12.0	52.0
66	39.4	20.6	60.6





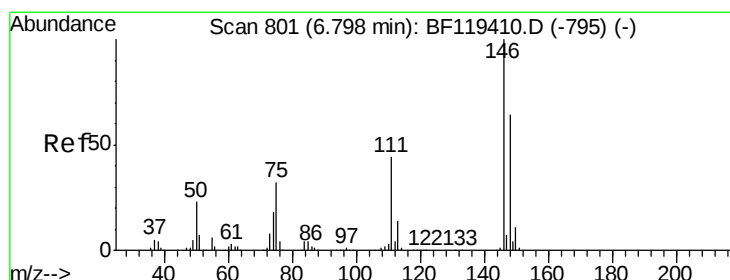
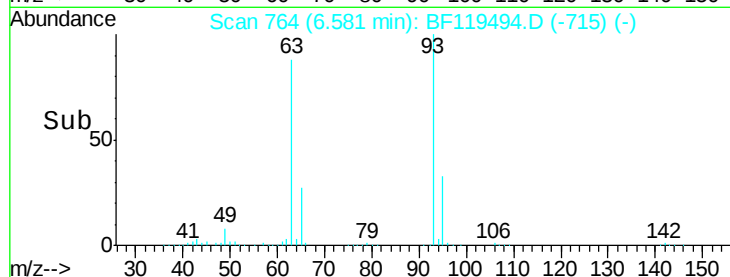
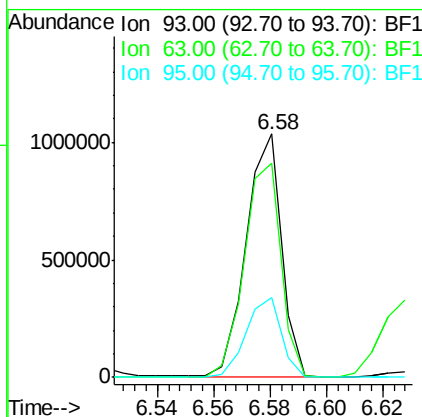
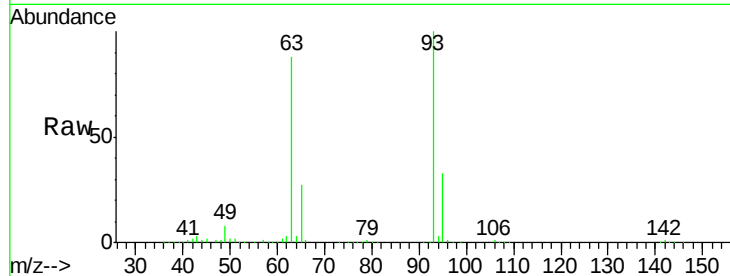
#11
bis(2-Chloroethyl)ether
Concen: 43.252 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF119494.D
Acq: 24 Mar 2020 18:59

Instrument :
BNA_F
ClientSampleId :
TRACKS-66-67MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	87.9	68.4	108.4
95	32.7	13.4	53.4

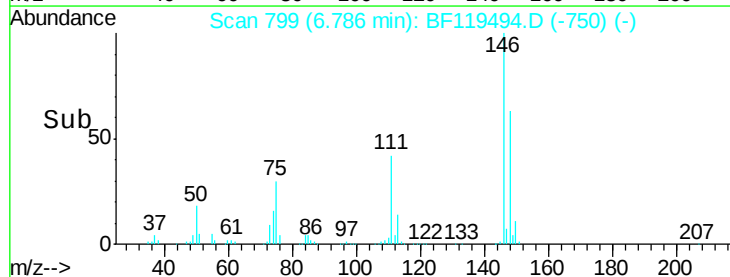
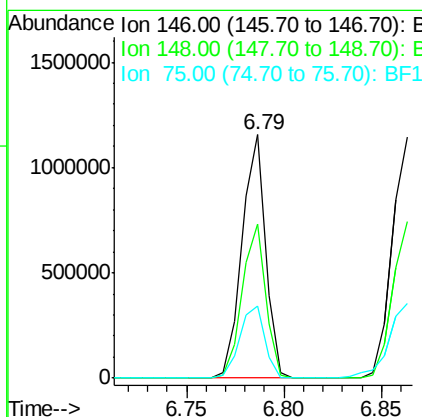
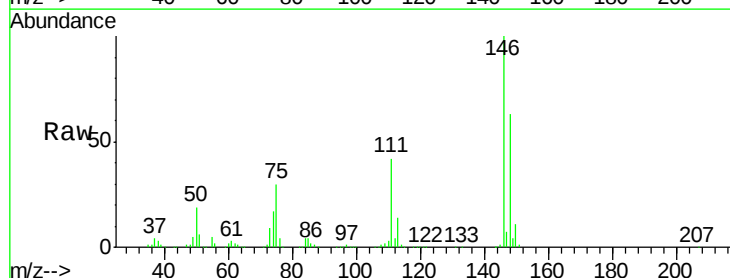
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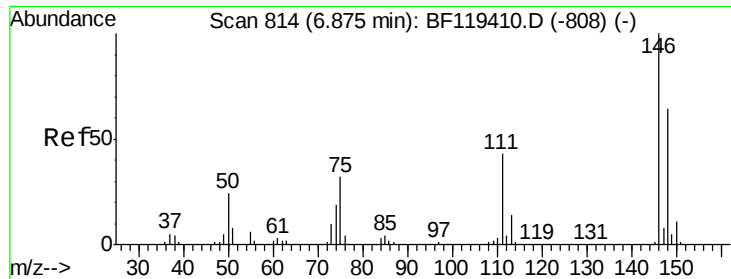
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#12
1,3-Dichlorobenzene
Concen: 44.565 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF119494.D
Acq: 24 Mar 2020 18:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.4	77.0
75	29.9	25.8	38.8





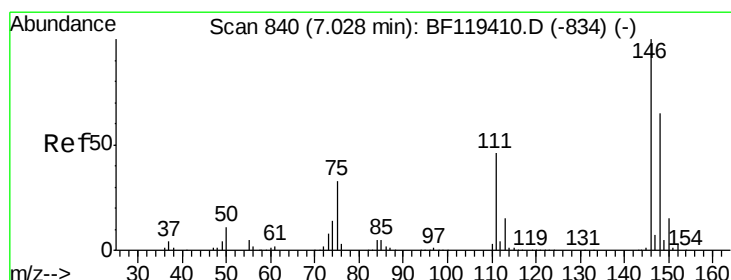
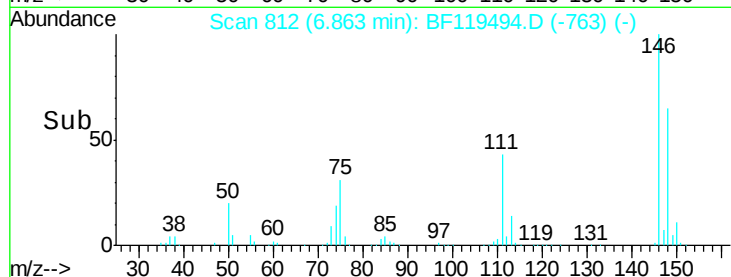
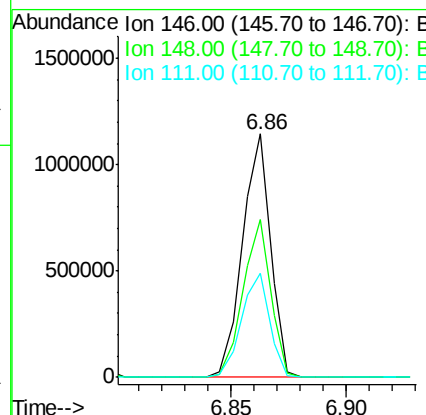
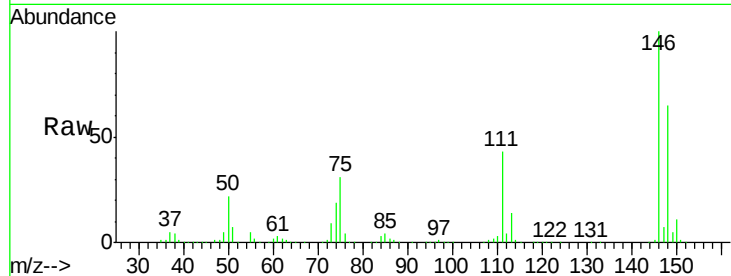
#13
 1,4-Dichlorobenzene
 Concen: 44.739 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF119494.D
 Acq: 24 Mar 2020 18:59

Instrument :
 BNA_F
 ClientSampleId :
 TRACKS-66-67MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	50.9	76.3
111	42.9	34.6	52.0

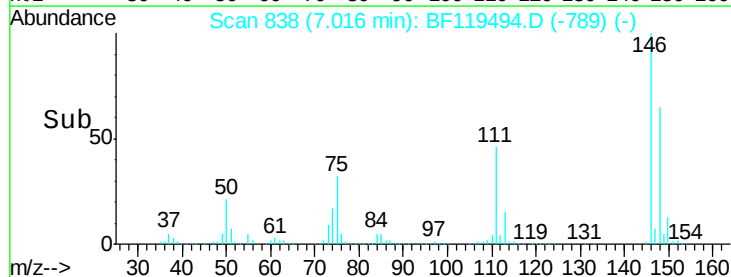
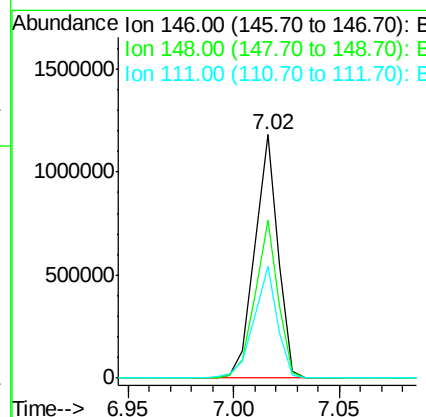
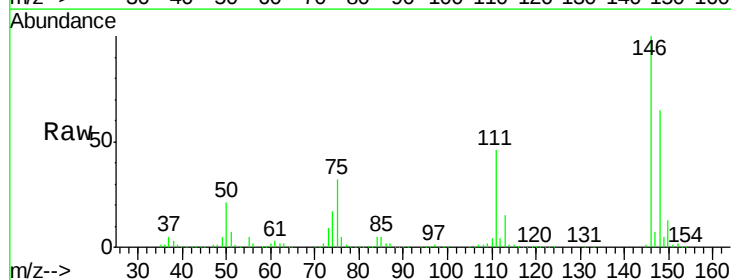
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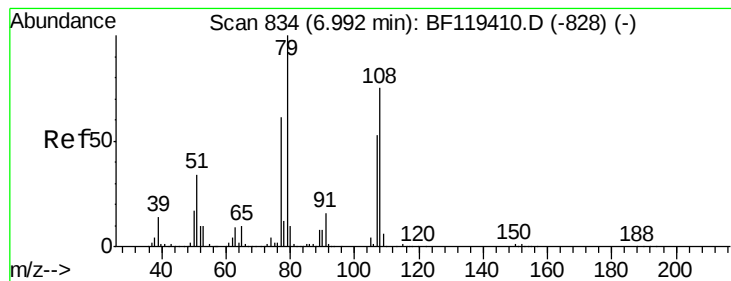
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#14
 1,2-Dichlorobenzene
 Concen: 44.753 ng
 RT: 7.02 min Scan# 838
 Delta R.T. -0.01 min
 Lab File: BF119494.D
 Acq: 24 Mar 2020 18:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.7	77.5
111	45.7	36.4	54.6





#15

Benzyl Alcohol

Concen: 44.386 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF119494.D

Acq: 24 Mar 2020 18:59

Instrument :

BNA_F

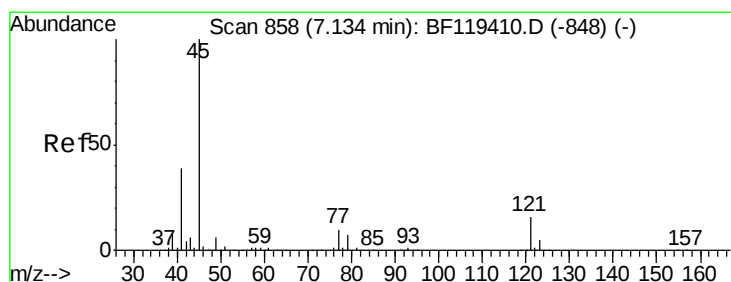
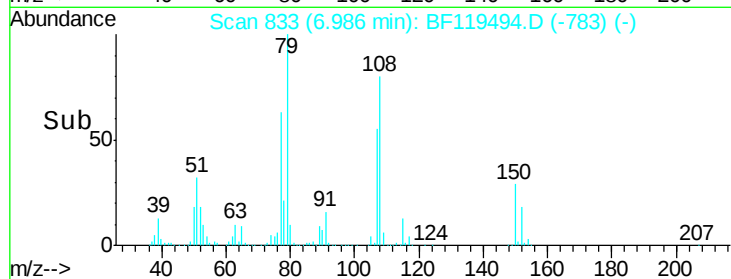
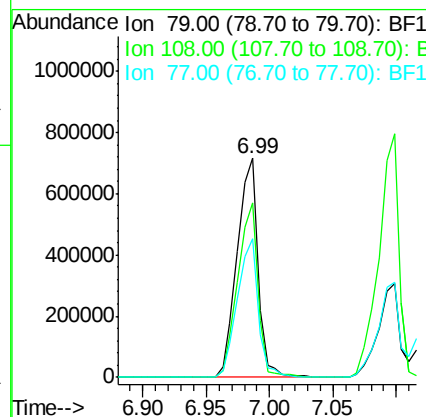
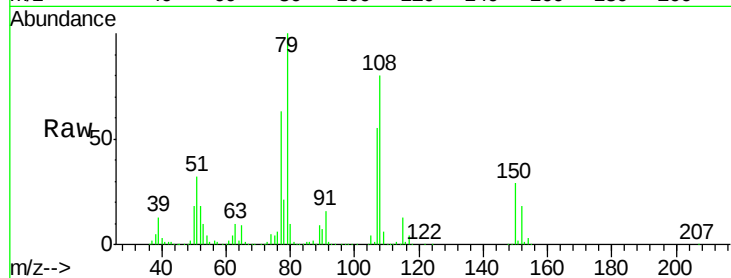
ClientSampleId :

TRACKS-66-67MS

Tot Ion:	79	Resp:	812497
Ion Ratio	Lower	Upper	
79	100		
108	79.6	60.4	90.6
77	63.0	49.0	73.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.582 ng

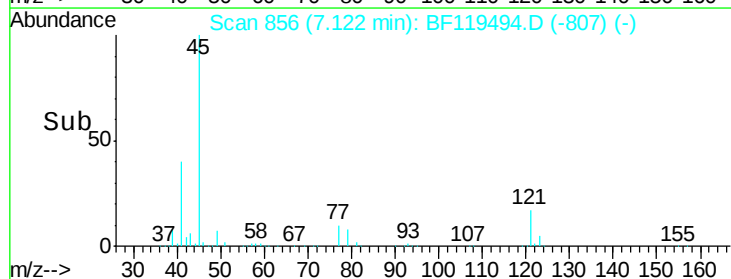
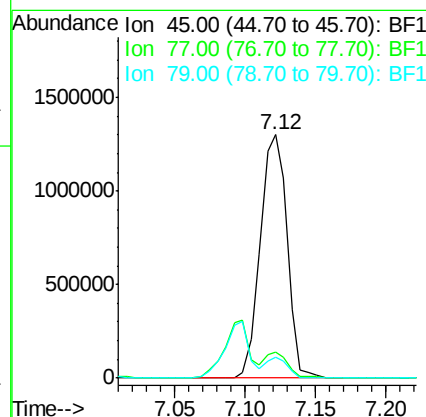
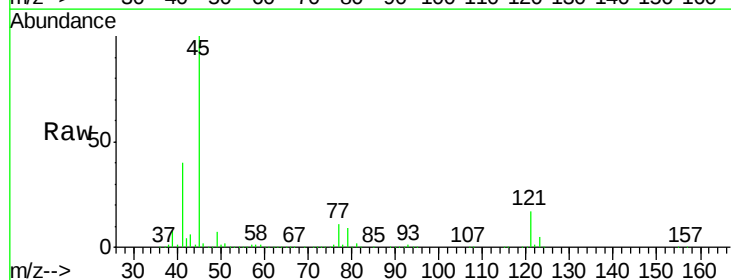
RT: 7.12 min Scan# 856

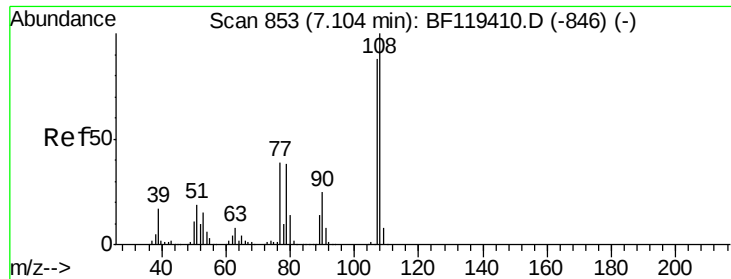
Delta R.T. -0.01 min

Lab File: BF119494.D

Acq: 24 Mar 2020 18:59

Tgt Ion:	45	Resp:	1741827
Ion Ratio	Lower	Upper	
45	100		
77	10.5	0.0	30.1
79	8.5	0.0	27.4





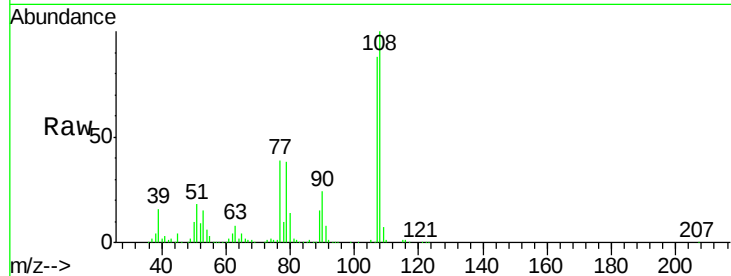
#17
2-Methylphenol
Concen: 42.025 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF119494.D
Acq: 24 Mar 2020 18:59

Instrument :
BNA_F
ClientSampleId :
TRACKS-66-67MS

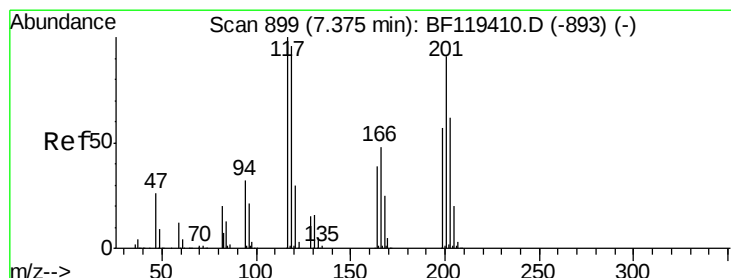
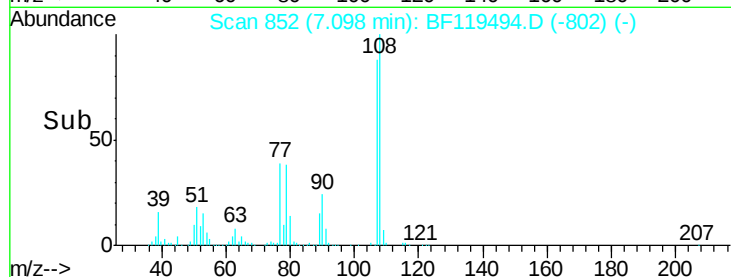
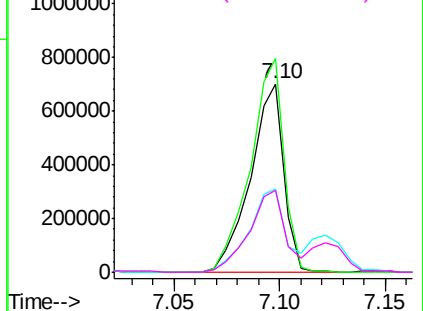
Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	100		770385		
108	113.3	90.7	136.1		
77	44.3	35.6	53.4		
79	43.5	34.7	52.1		

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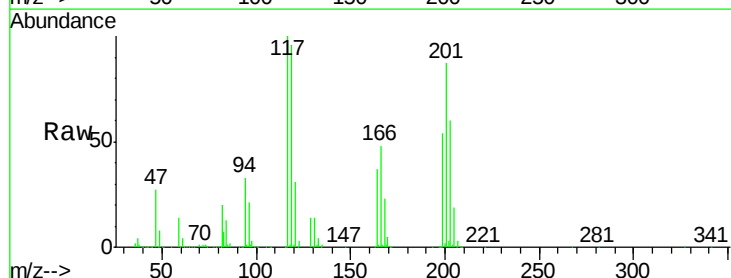


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

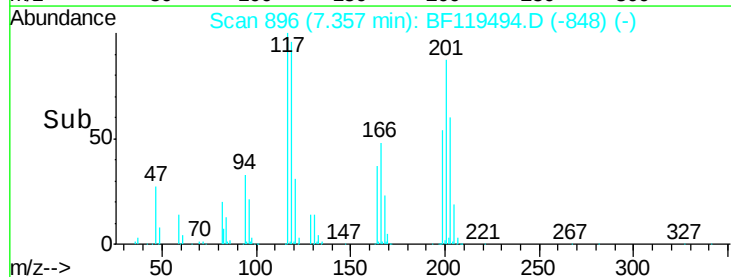
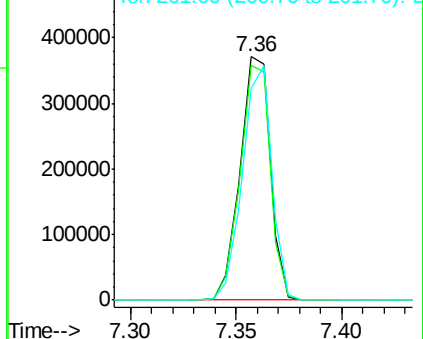


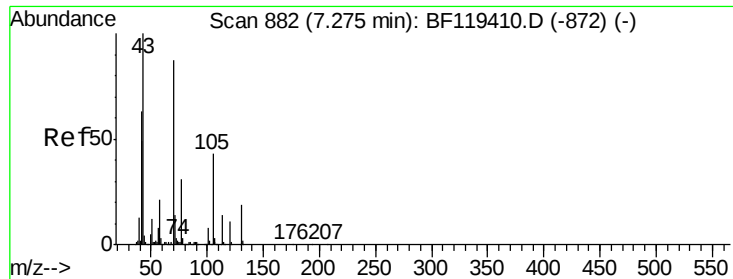
#18
Hexachloroethane
Concen: 46.645 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.02 min
Lab File: BF119494.D
Acq: 24 Mar 2020 18:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		370248		
119	96.4	76.8	115.2		
201	87.0	72.5	108.7		



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 44.725 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF119494.D

Acq: 24 Mar 2020 18:59

Instrument :

BNA_F

ClientSampleId :

TRACKS-66-67MS

Tot Ion: 70 Resp: 656020

Ion Ratio Lower Upper

70 100

42 69.8 58.2 87.4

101 9.5 7.4 11.2

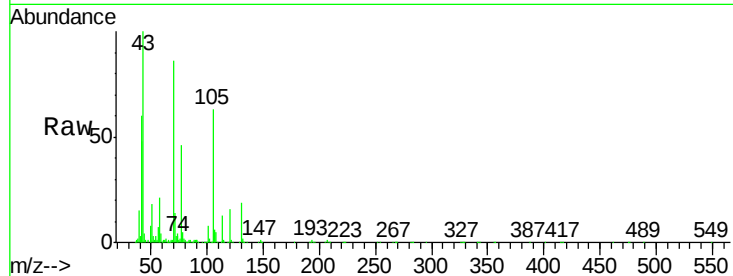
130 22.2 17.8 26.8

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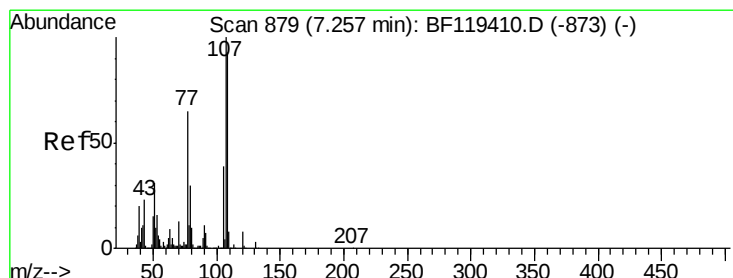
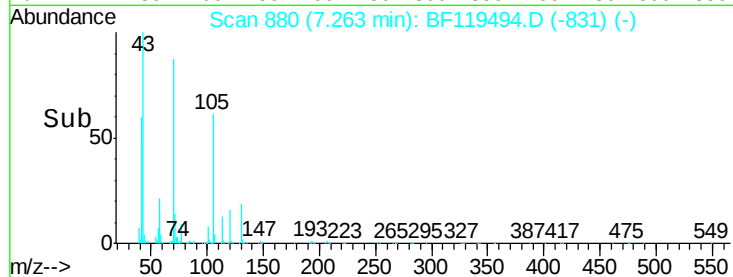
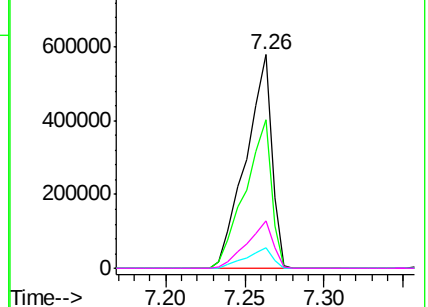


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 41.318 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF119494.D

Acq: 24 Mar 2020 18:59

Tgt Ion: 107 Resp: 928247

Ion Ratio Lower Upper

107 100

108 92.7 72.6 112.6

77 106.8 44.7 84.7#

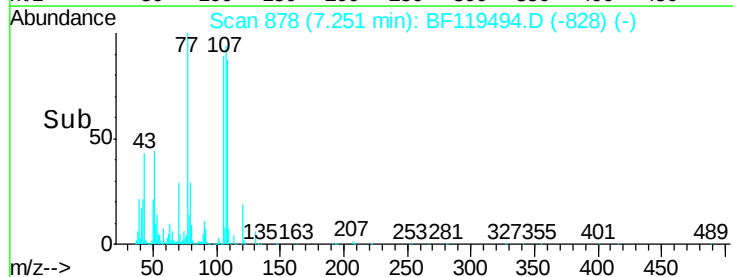
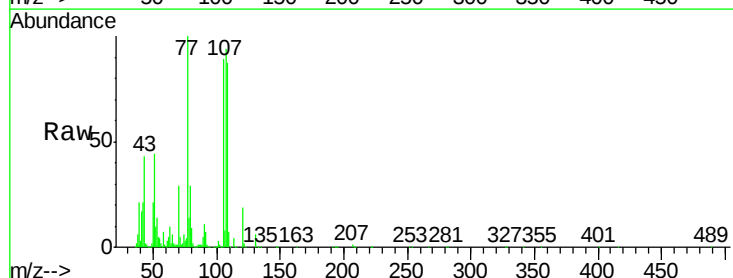
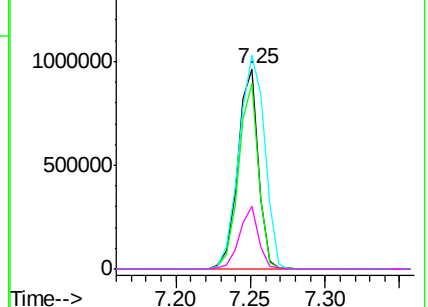
79 31.3 10.2 50.2

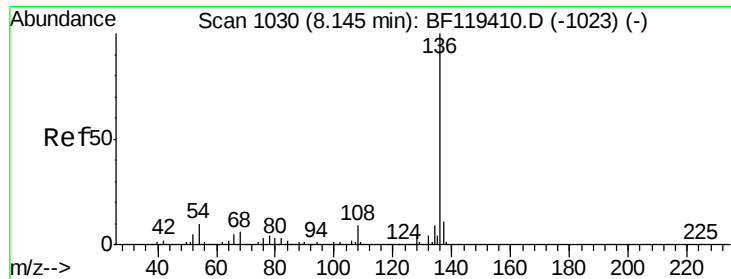
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF119494.D

Acq: 24 Mar 2020 18:59

Instrument :

BNA_F

ClientSampleId :

TRACKS-66-67MS

Tot Ion:136 Resp: 1164612

Ion Ratio Lower Upper

136 100

137 11.0 8.4 12.6

54 9.7 8.3 12.5

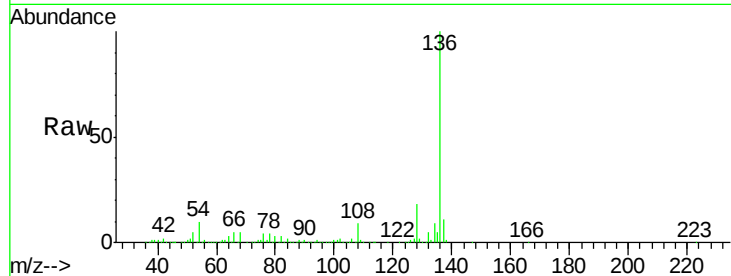
68 5.3 4.9 7.3

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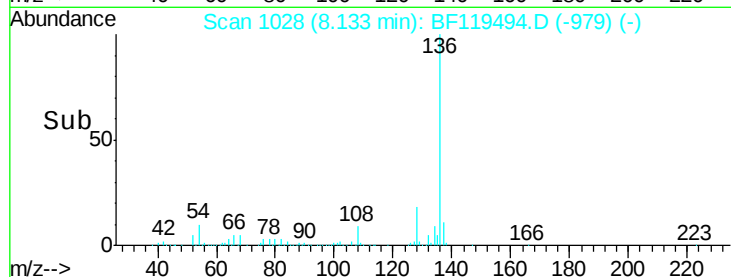


Abundance Ion 136.00 (135.70 to 136.70): E

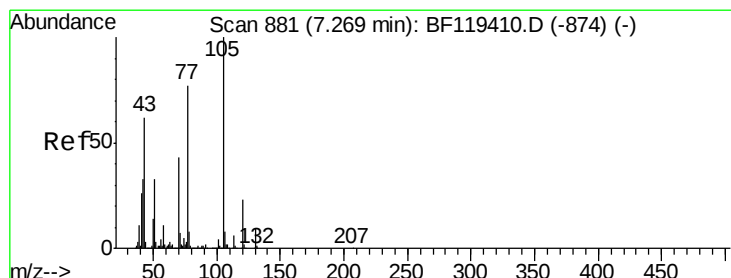
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#22

Acetophenone

Concen: 43.921 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF119494.D

Acq: 24 Mar 2020 18:59

Tgt Ion:105 Resp: 1222242

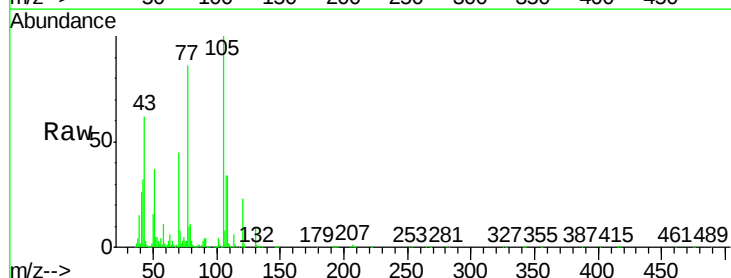
Ion Ratio Lower Upper

105 100

71 7.8 5.8 8.6

51 36.5 26.8 40.2

120 22.6 18.0 27.0

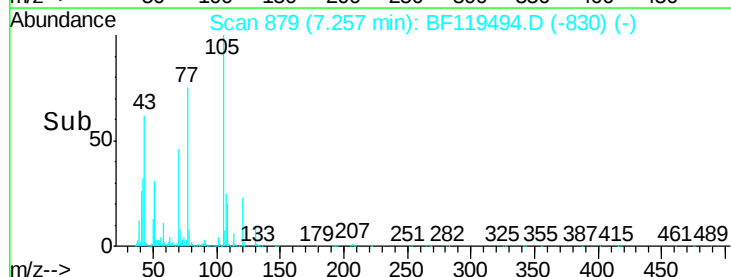


Abundance Ion 105.00 (104.70 to 105.70): E

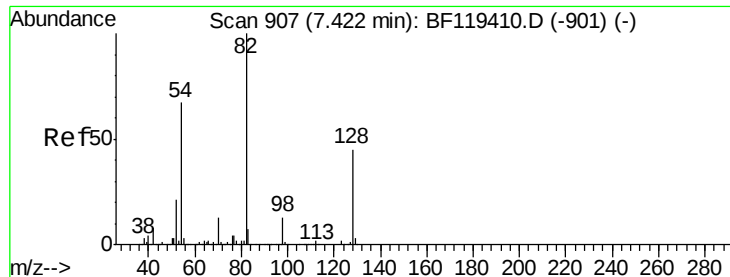
Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



Time-->



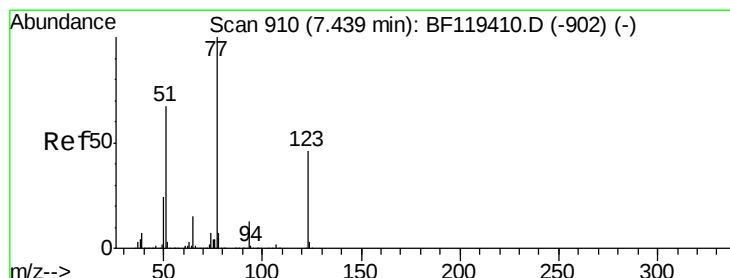
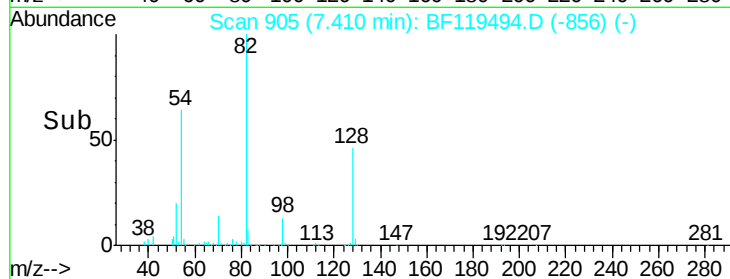
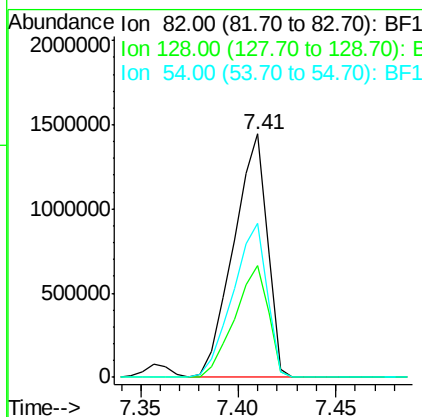
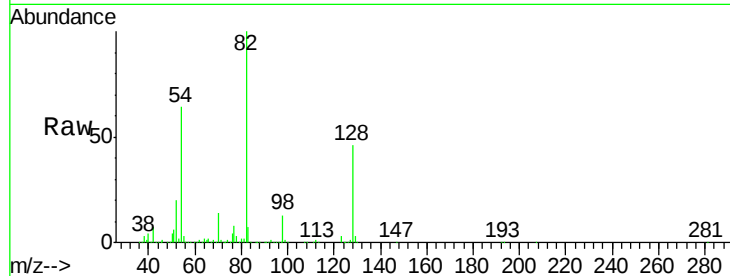
#23
 Nitrobenzene-d5
 Concen: 80.898 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF119494.D
 Acq: 24 Mar 2020 18:59

Instrument :
 BNA_F
 ClientSampleId :
 TRACKS-66-67MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.8	35.8	53.8
54	63.5	53.4	80.0

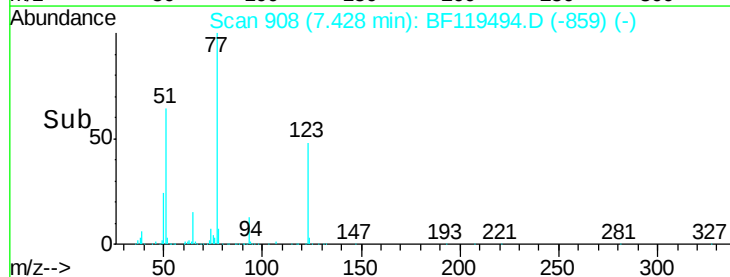
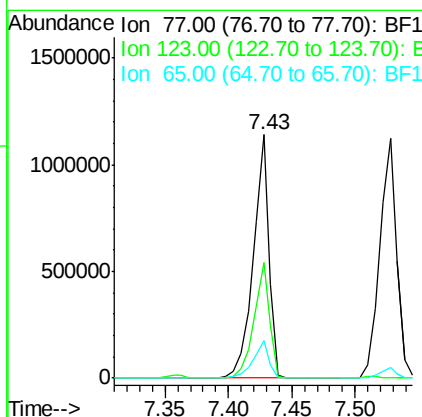
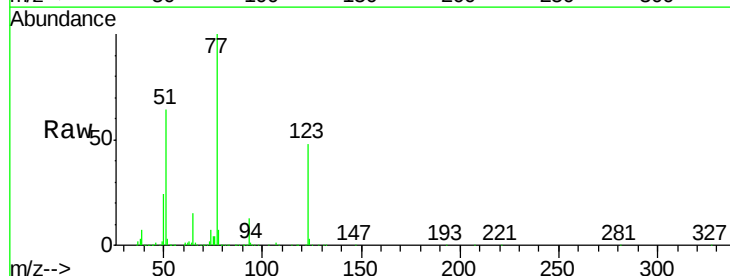
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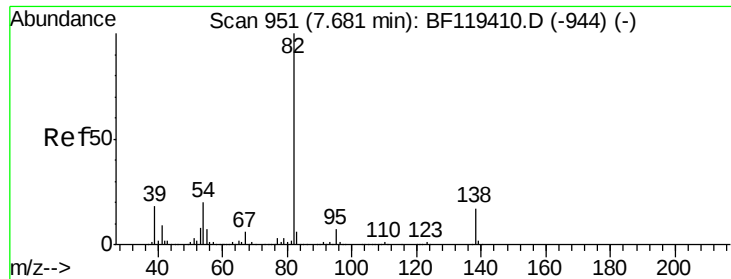
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#24
 Nitrobenzene
 Concen: 43.094 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF119494.D
 Acq: 24 Mar 2020 18:59

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.7	36.9	55.3
65	15.4	12.2	18.4





#25

Isophorone

Concen: 42.155 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF119494.D

Acq: 24 Mar 2020 18:59

Instrument :

BNA_F

ClientSampleId :

TRACKS-66-67MS

Tot Ion: 82 Resp: 1832435

Ion Ratio Lower Upper

82 100

95 7.0 5.4 8.2

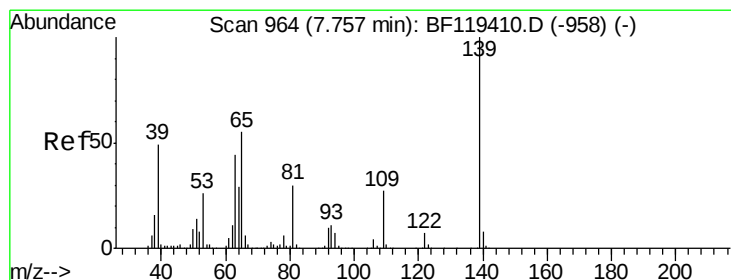
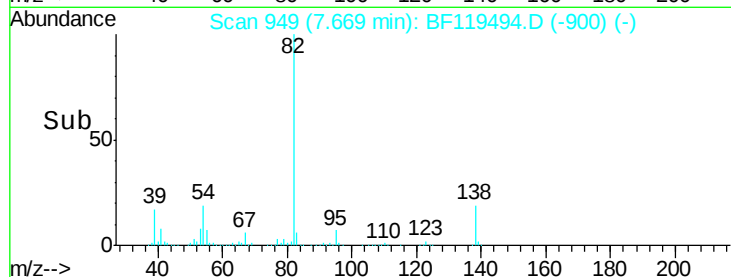
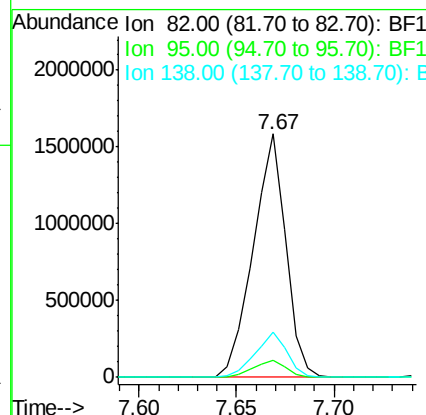
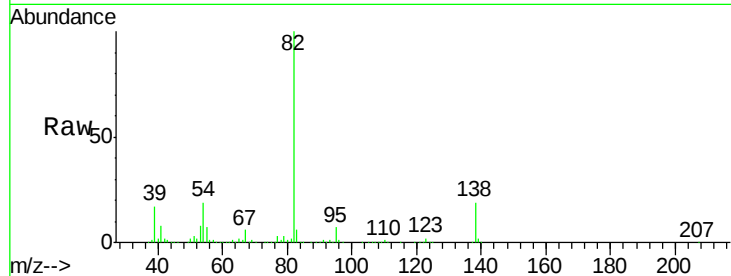
138 18.8 13.8 20.8

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#26

2-Nitrophenol

Concen: 55.797 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF119494.D

Acq: 24 Mar 2020 18:59

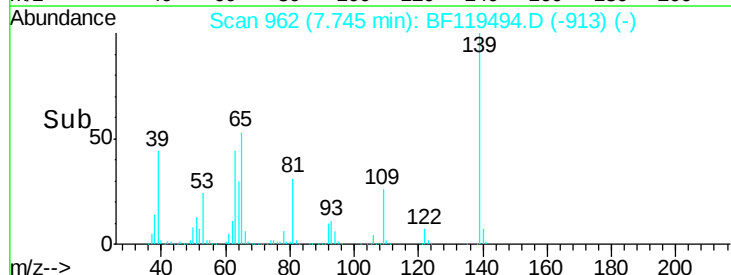
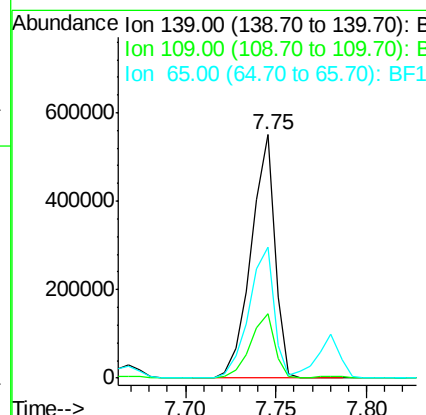
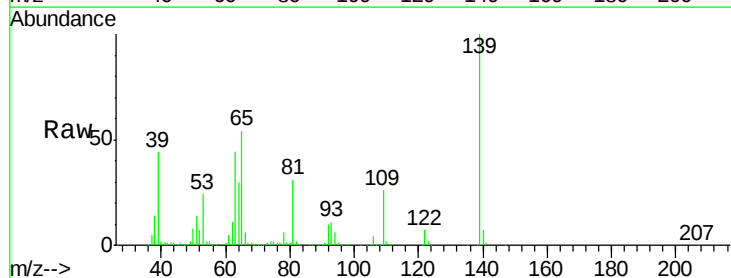
Tgt Ion: 139 Resp: 503114

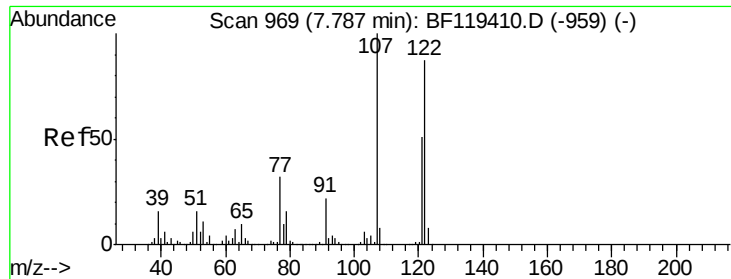
Ion Ratio Lower Upper

139 100

109 26.4 21.7 32.5

65 53.6 43.9 65.9





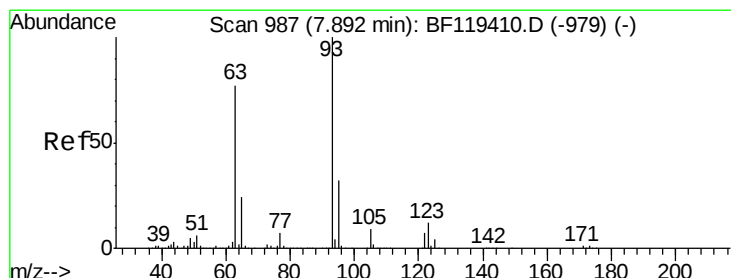
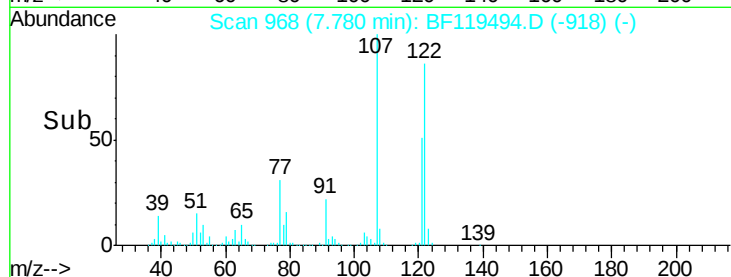
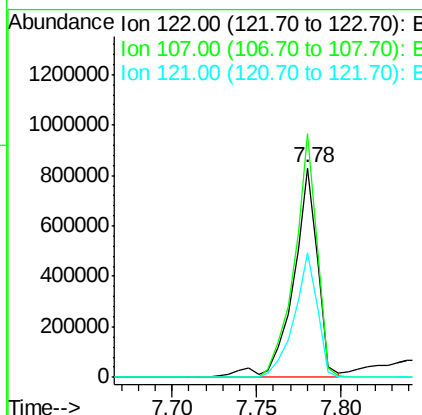
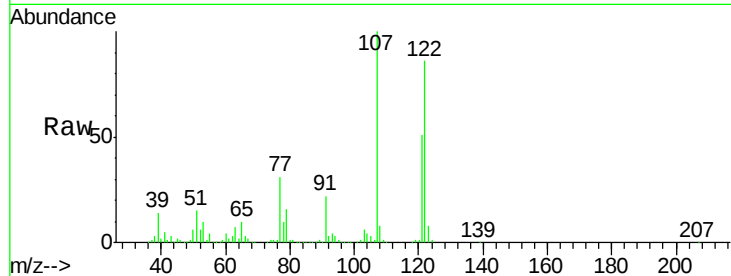
#27
 2,4-Dimethylphenol
 Concen: 44.474 ng
 RT: 7.78 min Scan# 968
 Delta R.T. -0.01 min
 Lab File: BF119494.D
 Acq: 24 Mar 2020 18:59

Instrument :
 BNA_F
 ClientSampleId :
 TRACKS-66-67MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.3	91.8	137.6
121	59.6	46.5	69.7

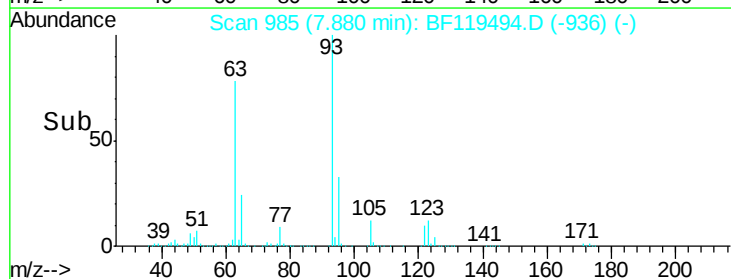
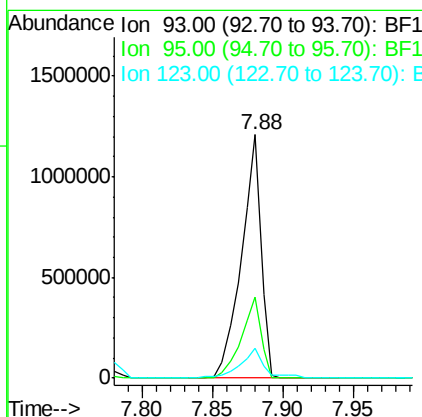
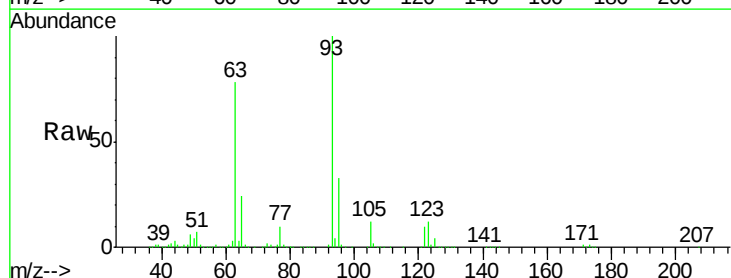
Manual Integrations
 APPROVED

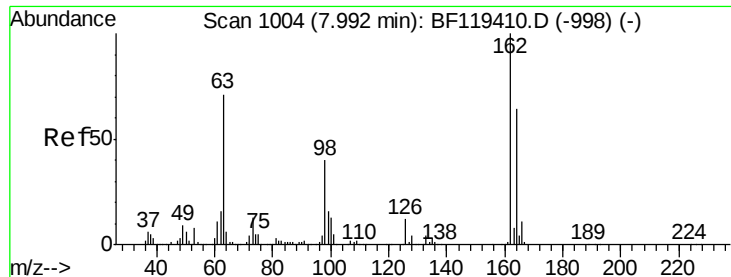
mohammad
 3/25/2020 12:29:36 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.622 ng
 RT: 7.88 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: BF119494.D
 Acq: 24 Mar 2020 18:59

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.0	39.0
123	12.1	9.7	14.5





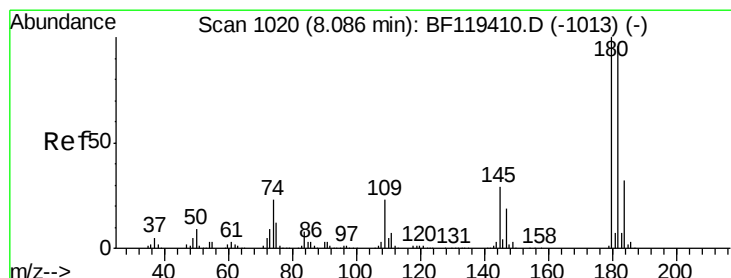
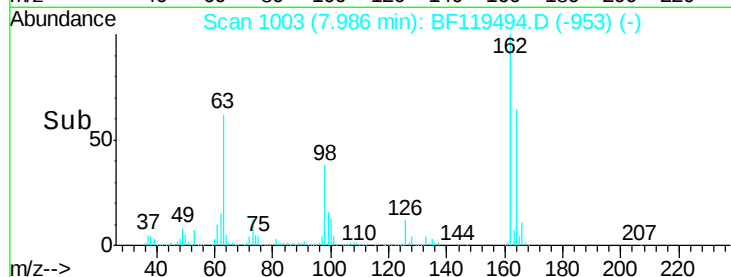
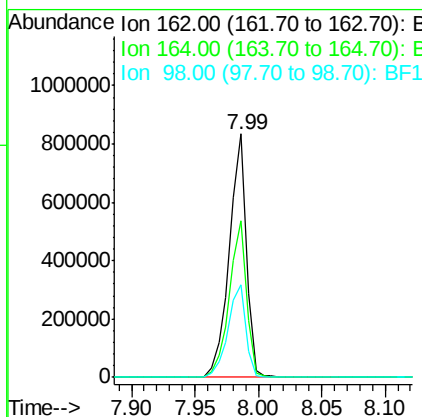
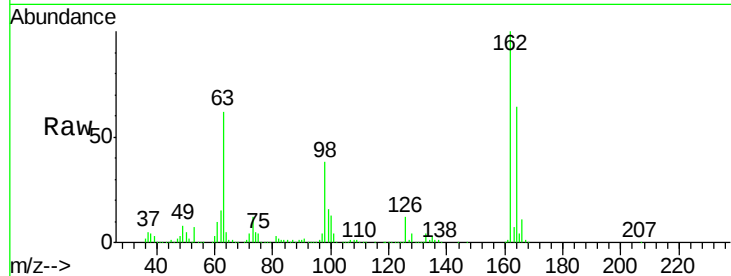
#29
2,4-Dichlorophenol
Concen: 45.555 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF119494.D
Acq: 24 Mar 2020 18:59

Instrument :
BNA_F
ClientSampleId :
TRACKS-66-67MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	43.6	83.6
98	37.8	20.4	60.4

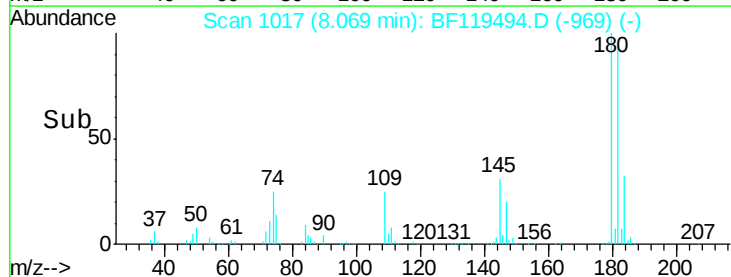
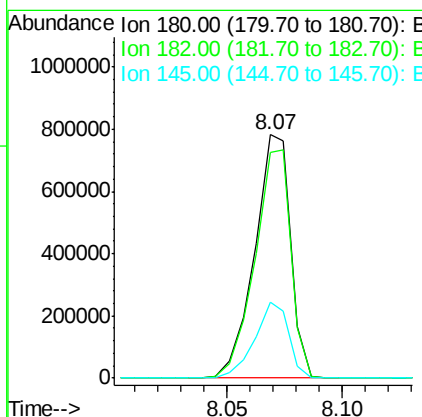
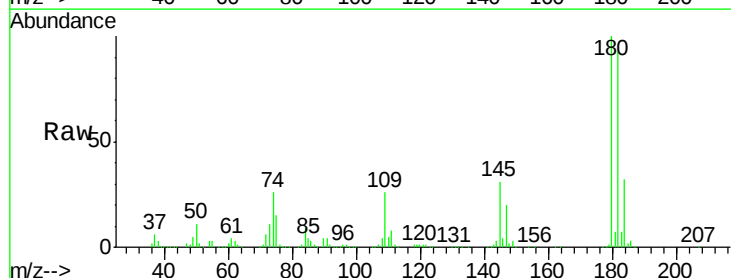
Manual Integrations
APPROVED

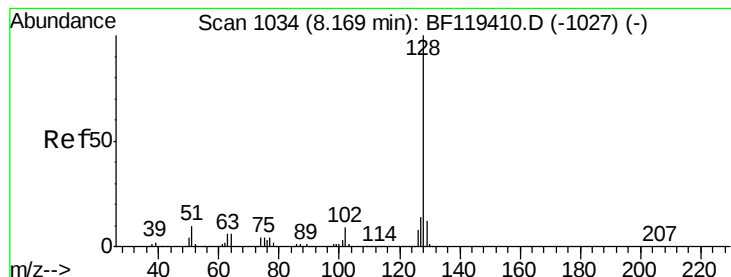
mohammad
3/25/2020 12:29:36 PM



#30
1,2,4-Trichlorobenzene
Concen: 44.718 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.02 min
Lab File: BF119494.D
Acq: 24 Mar 2020 18:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.6	76.6	115.0
145	31.1	23.2	34.8





#31

Naphthalene

Concen: 44.069 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.02 min

Lab File: BF119494.D

Acq: 24 Mar 2020 18:59

Instrument :

BNA_F

ClientSampleId :

TRACKS-66-67MS

Tot Ion:128 Resp: 2641140

Ion Ratio Lower Upper

128 100

129 11.8 9.3 13.9

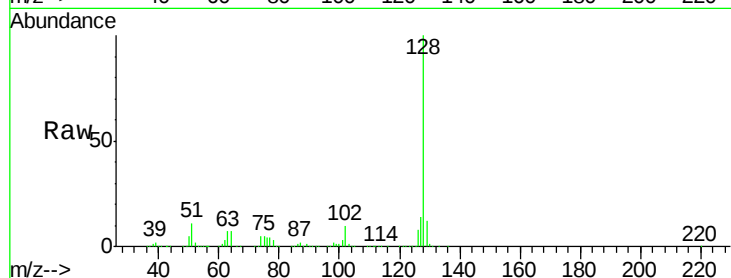
127 13.9 11.0 16.4

Manual Integrations

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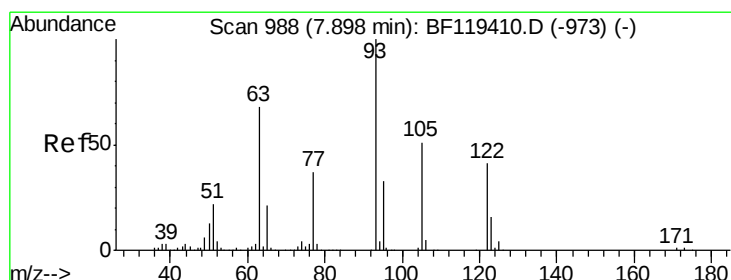
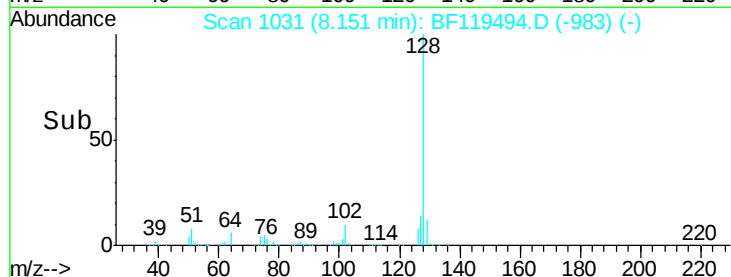
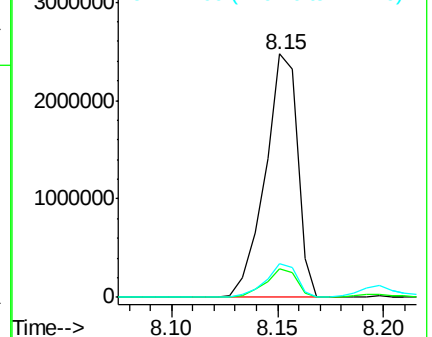
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 55.402 ng

RT: 7.91 min Scan# 990

Delta R.T. 0.01 min

Lab File: BF119494.D

Acq: 24 Mar 2020 18:59

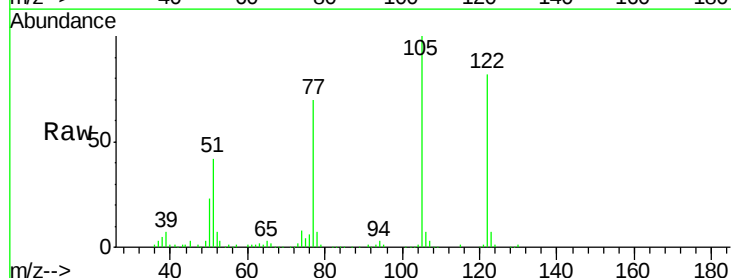
Tgt Ion:122 Resp: 664459

Ion Ratio Lower Upper

122 100

105 121.9 102.9 142.9

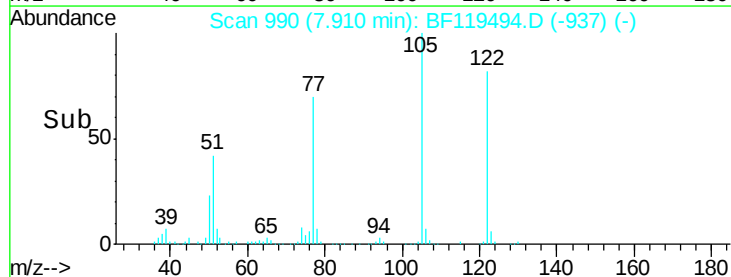
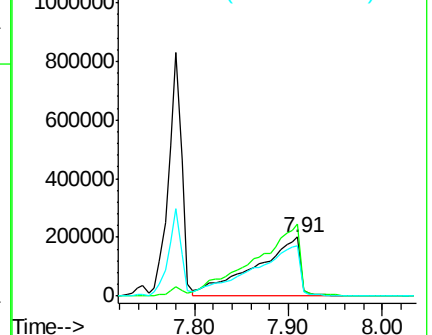
77 85.6 70.1 110.1

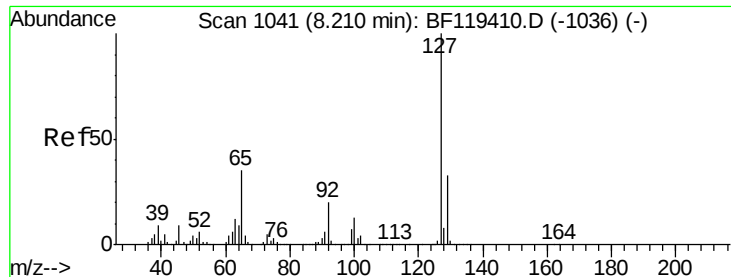


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





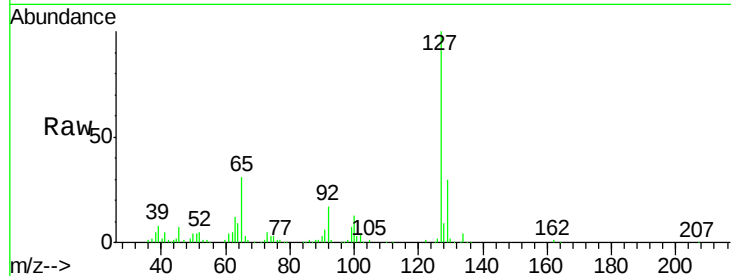
#33
4-Chloroaniline
Concen: 5.957 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF119494.D
Acq: 24 Mar 2020 18:59

Instrument :
BNA_F
ClientSampleId :
TRACKS-66-67MS

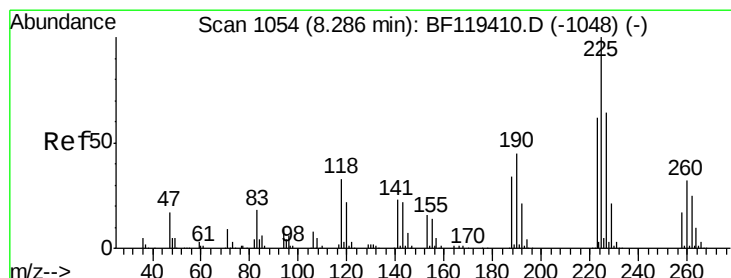
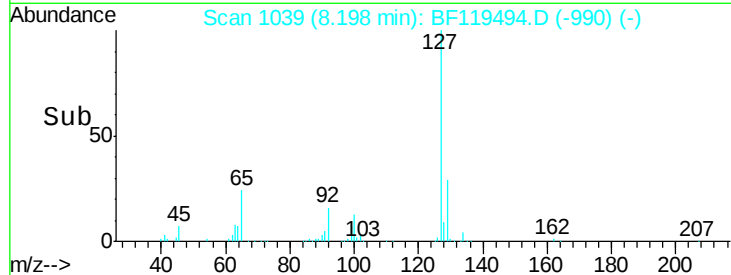
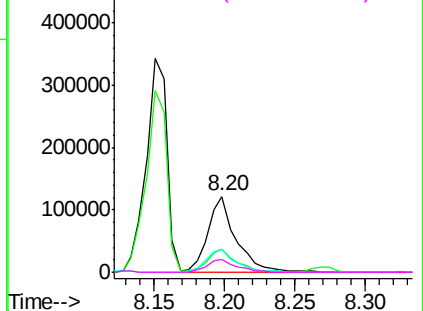
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		163581		
129	29.9	26.2	39.4		
65	30.8	27.7	41.5		
92	17.2	15.8	23.6		

Manual Integrations
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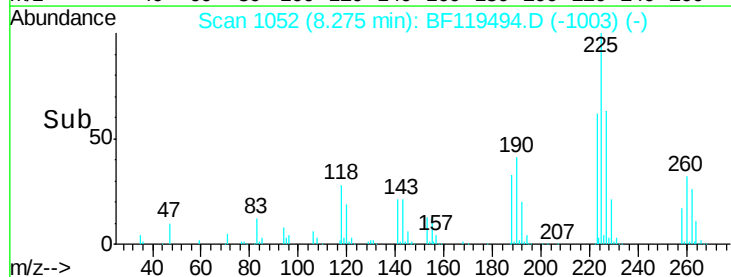
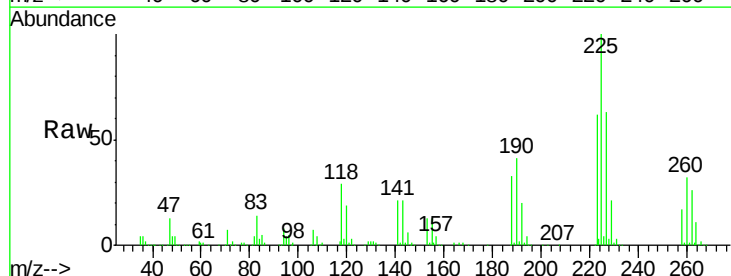
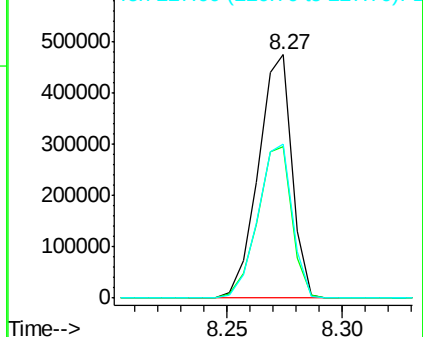
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

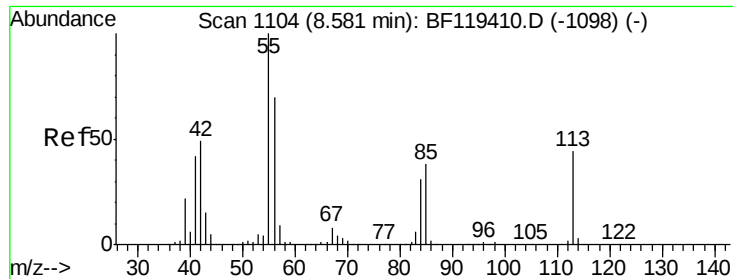


#34
Hexachlorobutadiene
Concen: 45.257 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF119494.D
Acq: 24 Mar 2020 18:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		479741		
223	62.1	49.2	73.8		
227	63.4	51.1	76.7		

Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





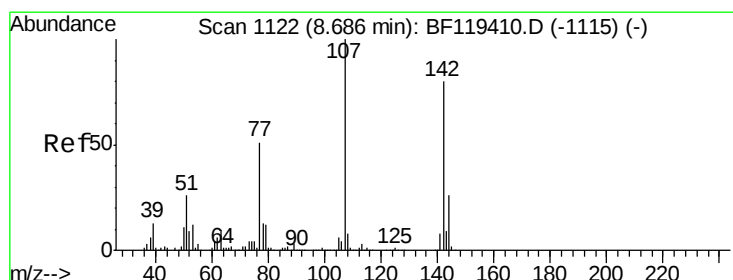
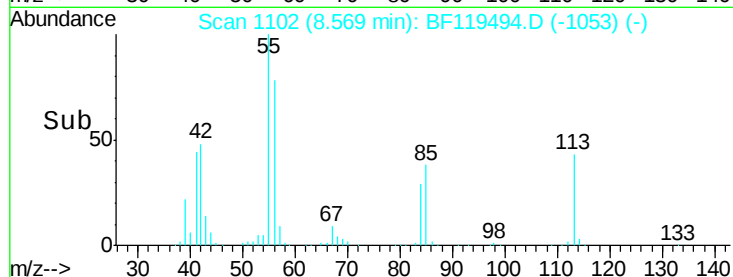
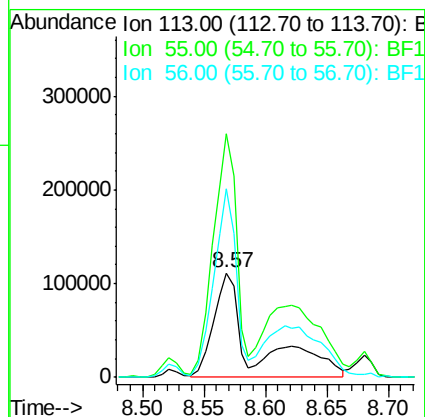
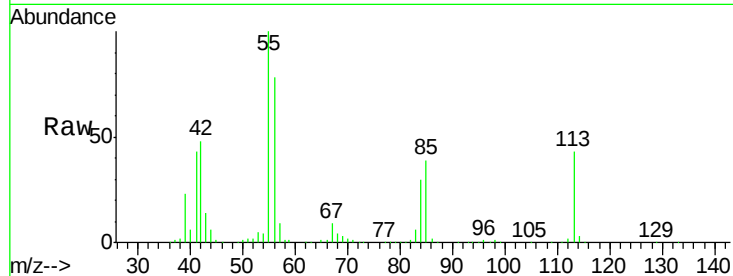
#35
Caprolactam
Concen: 45.254 ng/ml
RT: 8.57 min Scan# 1102
Delta R.T. -0.01 min
Lab File: BF119494.D
Acq: 24 Mar 2020 18:59

Instrument :
BNA_F
ClientSampleId :
TRACKS-66-67MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	233.5	208.4	248.4
56	181.1	138.9	178.9

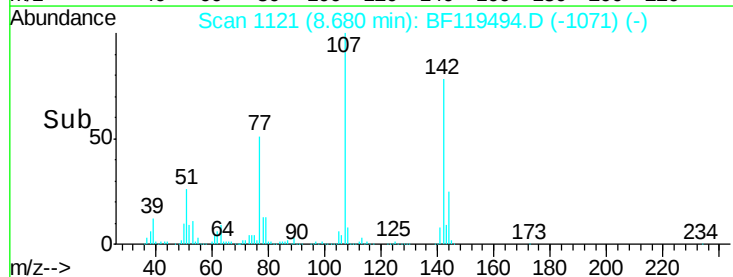
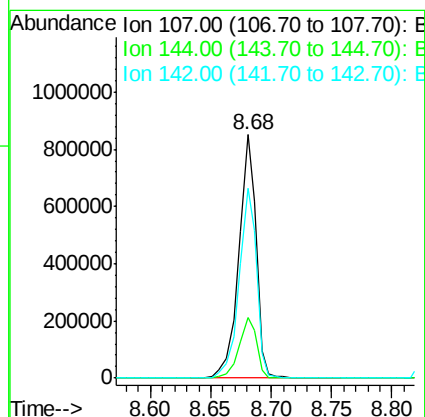
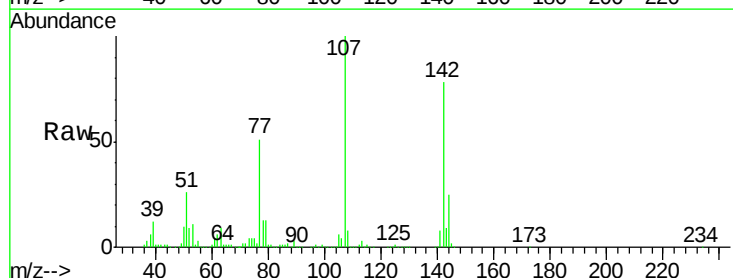
Manual Integrations
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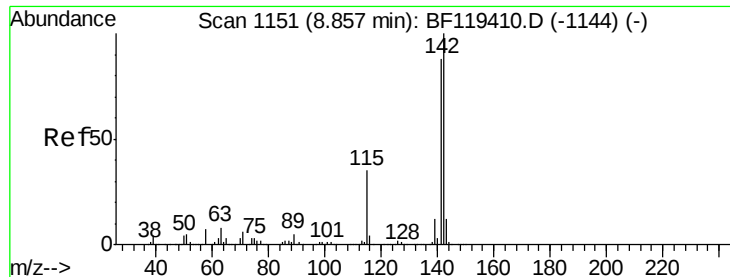
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#36
4-Chloro-3-methylphenol
Concen: 45.526 ng/ml
RT: 8.68 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BF119494.D
Acq: 24 Mar 2020 18:59

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.0	20.6	31.0
142	77.8	63.8	95.6





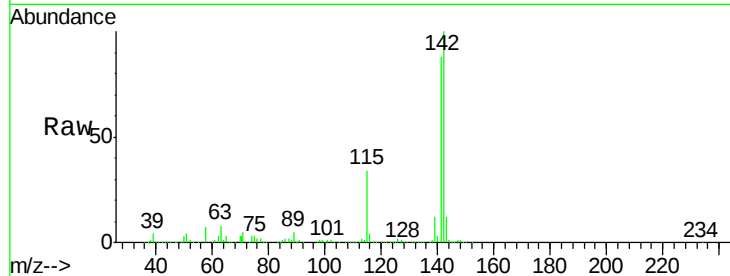
#37
2-Methylnaphthalene
Concen: 46.172 ng
RT: 8.85 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BF119494.D
Acq: 24 Mar 2020 18:59

Instrument :
BNA_F
ClientSampleId :
TRACKS-66-67MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.4	105.6
115	34.4	27.8	41.6

Manual Integrations
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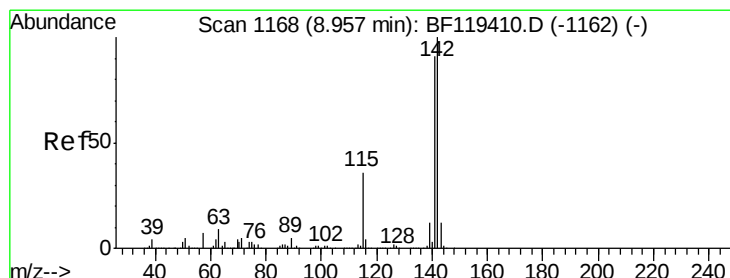
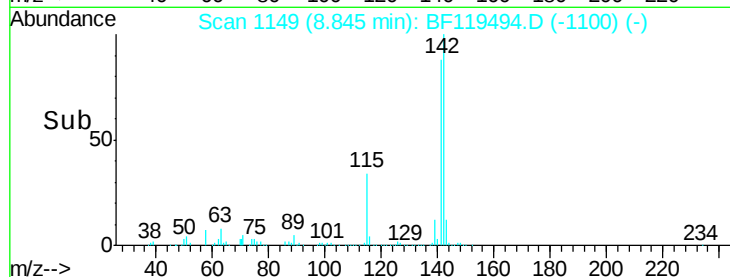
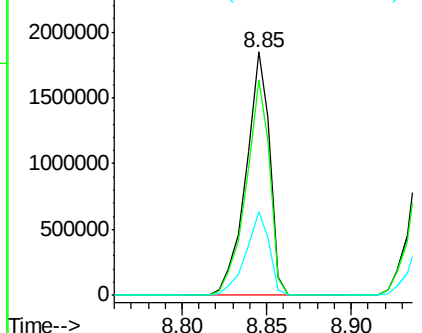


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 45.550 ng
RT: 8.95 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BF119494.D
Acq: 24 Mar 2020 18:59

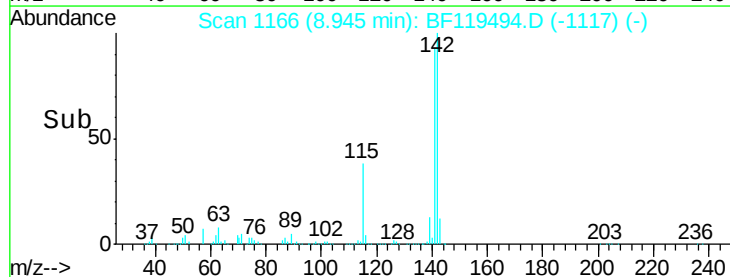
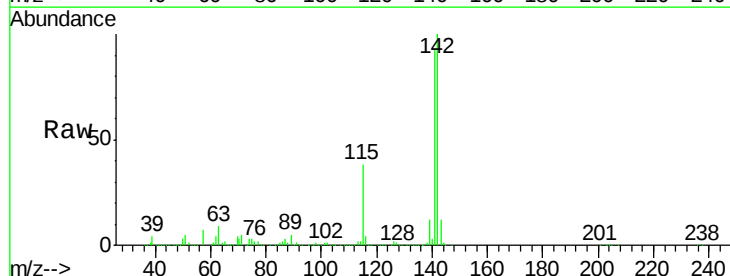
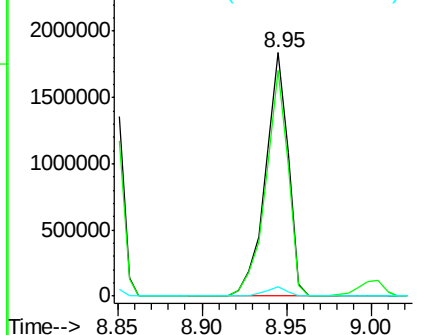
Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.6	73.1	109.7
116	3.8	3.0	4.6

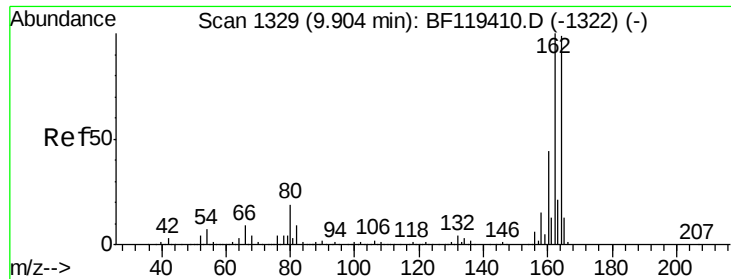
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





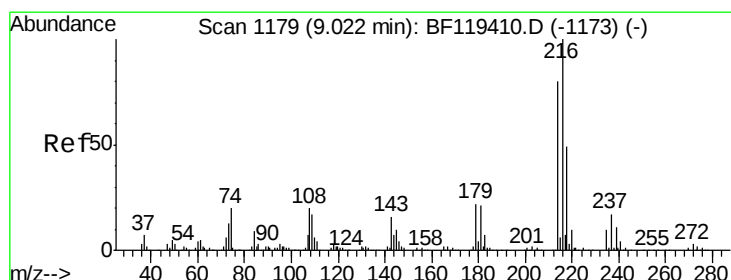
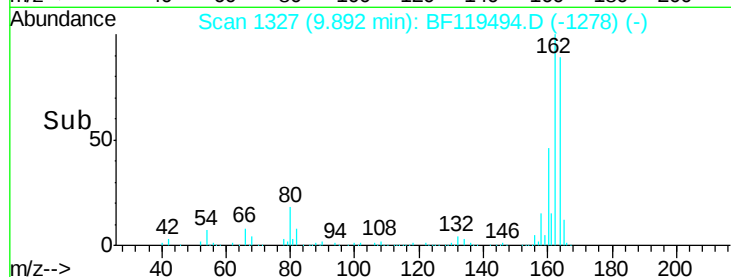
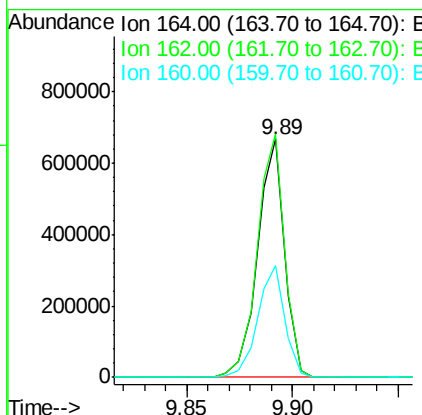
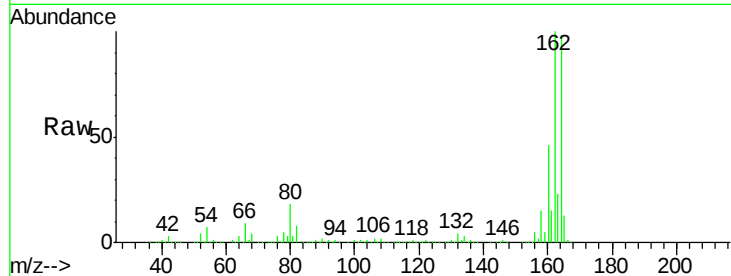
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF119494.D
Acq: 24 Mar 2020 18:59

Instrument :
BNA_F
ClientSampleId :
TRACKS-66-67MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100	595311		
162	102.2	80.7	121.1	
160	47.1	35.5	53.3	

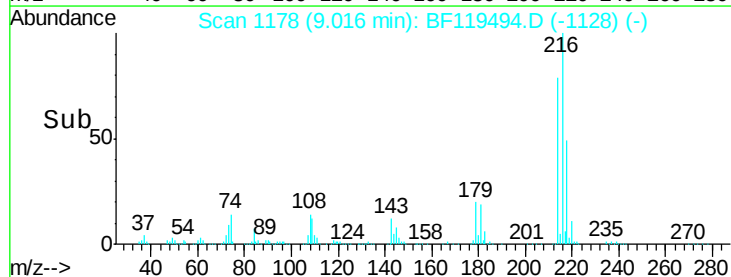
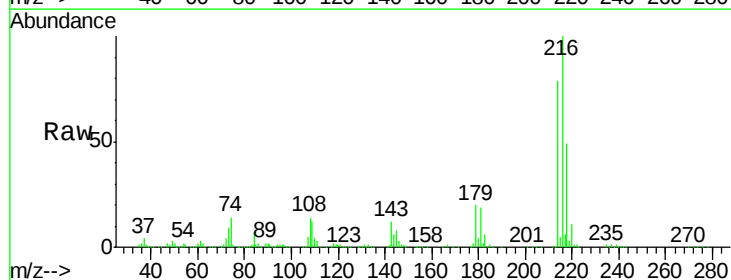
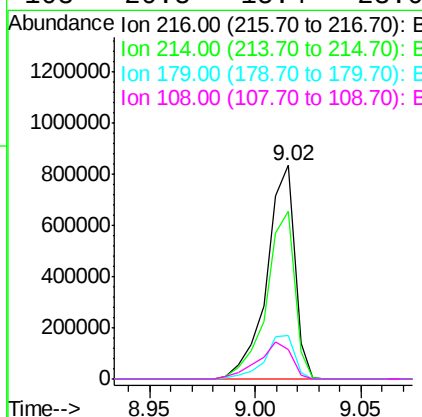
Manual Integrations
APPROVED

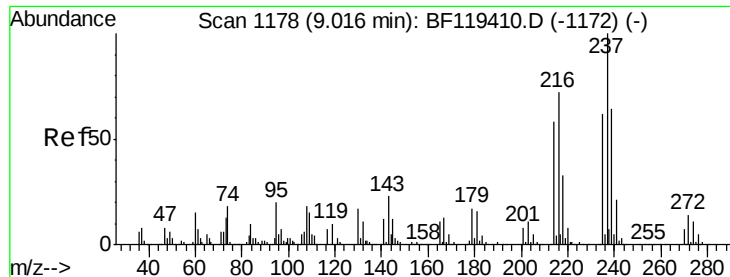
mohammad
3/25/2020 12:29:36 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.110 ng
RT: 9.02 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BF119494.D
Acq: 24 Mar 2020 18:59

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	769673		
214	79.0	63.0	94.6	
179	21.4	17.0	25.4	
108	20.8	15.4	23.0	





#41

Hexachlorocyclopentadiene

Concen: 93.872 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BF119494.D

Acq: 24 Mar 2020 18:59

Instrument :

BNA_F

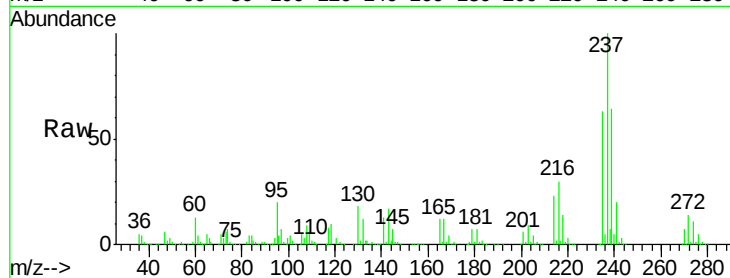
ClientSampleId :

TRACKS-66-67MS

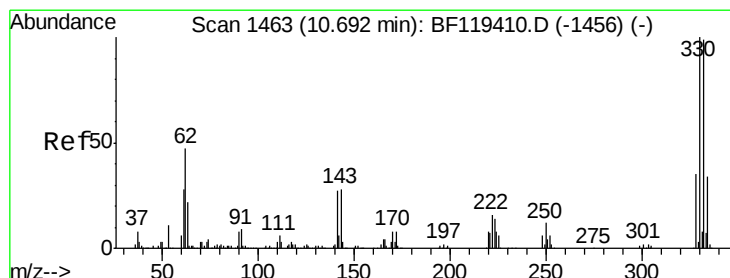
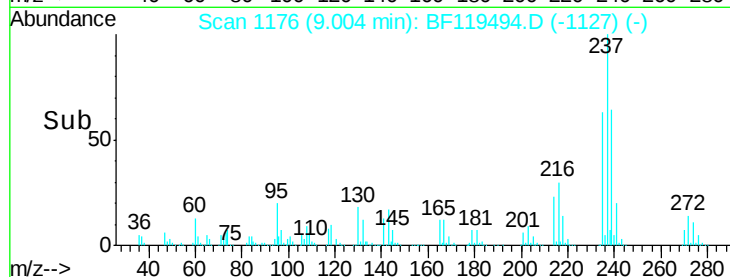
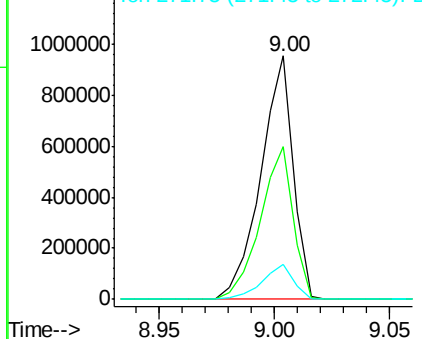
Tot Ion:	237	Resp:	931207
Ion Ratio		Lower	Upper
237	100		
235	62.6	42.5	82.5
272	14.2	0.0	34.3

Manual Integrations
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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 128.021 ng

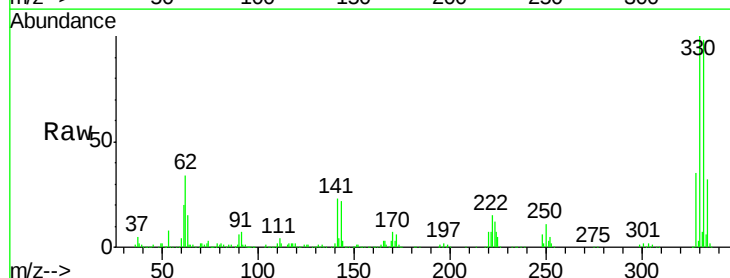
RT: 10.69 min Scan# 1462

Delta R.T. -0.01 min

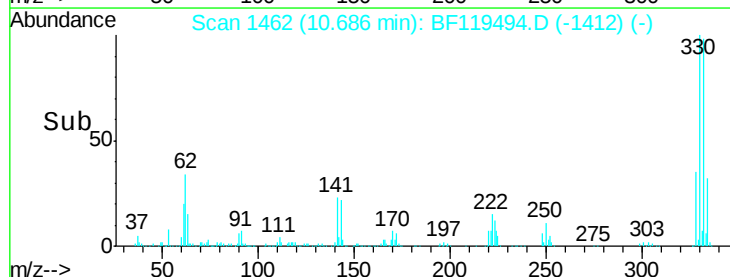
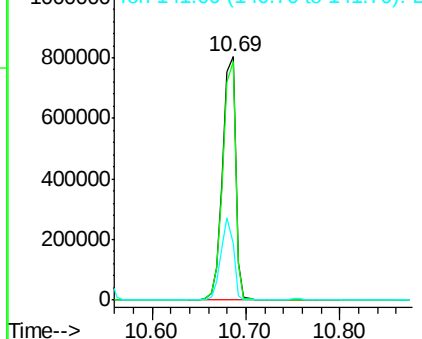
Lab File: BF119494.D

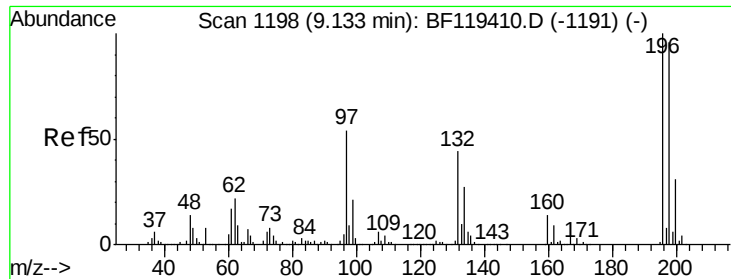
Acq: 24 Mar 2020 18:59

Tgt Ion:	330	Resp:	786253
Ion Ratio		Lower	Upper
330	100		
332	96.3	77.6	116.4
141	32.4	26.6	40.0



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





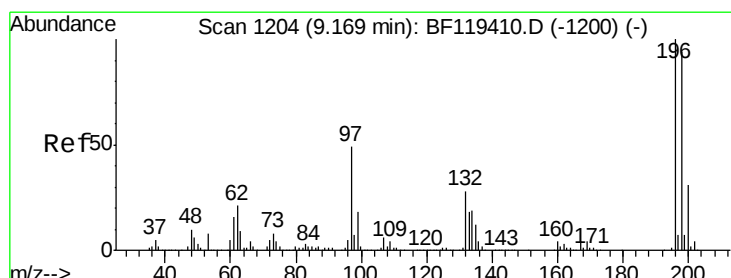
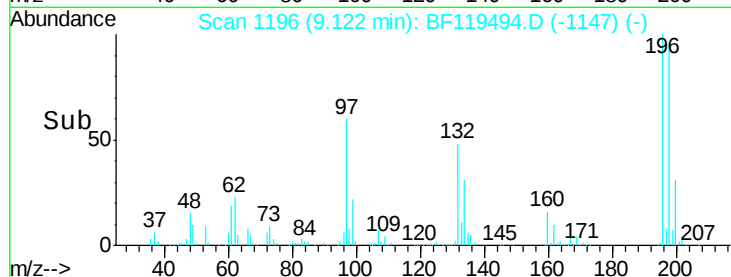
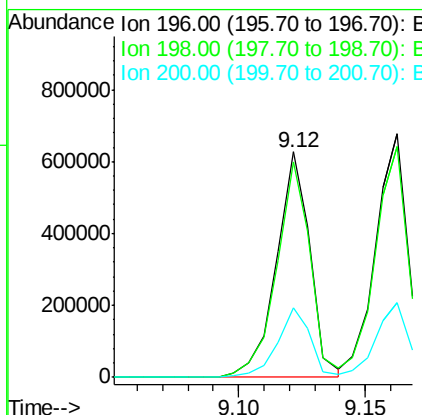
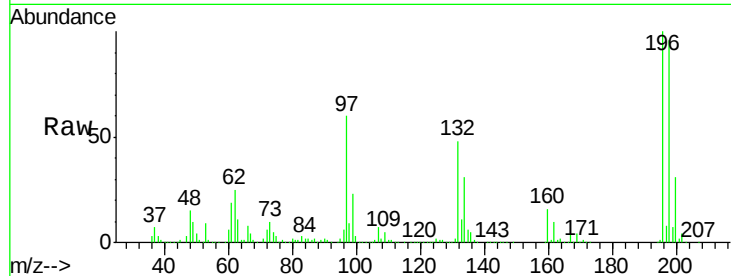
#43
 2,4,6-Trichlorophenol
 Concen: 46.536 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF119494.D
 Acq: 24 Mar 2020 18:59

Instrument :
 BNA_F
 ClientSampleId :
 TRACKS-66-67MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	581093		
198	95.6	77.0	115.4	
200	31.2	25.1	37.7	

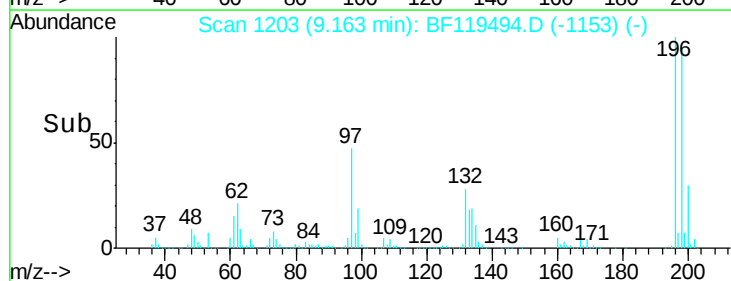
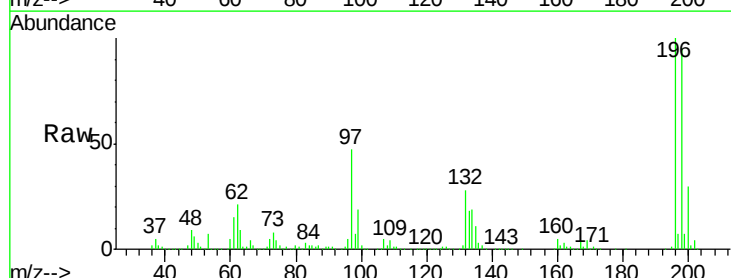
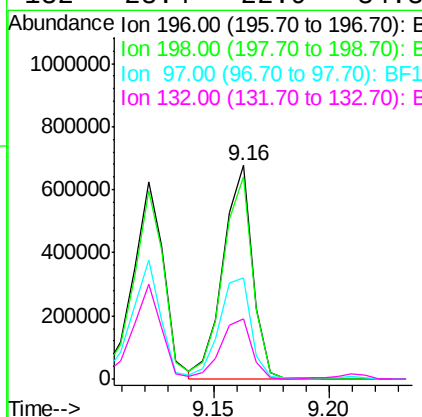
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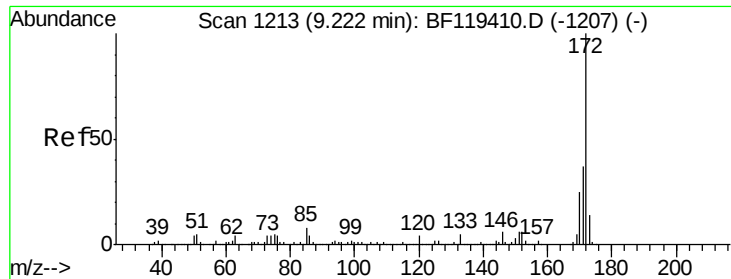
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#44
 2,4,5-Trichlorophenol
 Concen: 42.824 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF119494.D
 Acq: 24 Mar 2020 18:59

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	599026		
198	94.8	75.3	112.9	
97	47.4	39.0	58.4	
132	28.4	22.9	34.3	





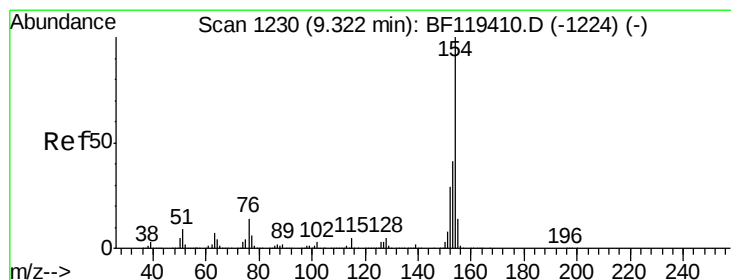
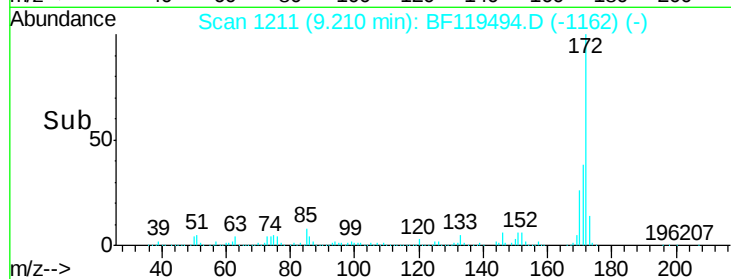
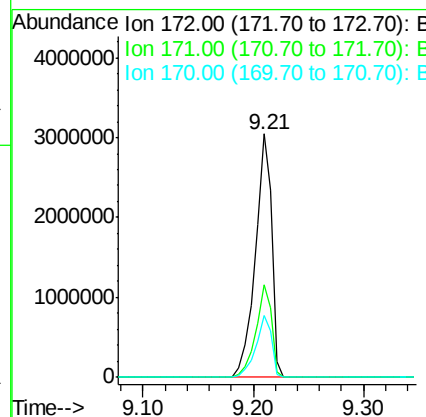
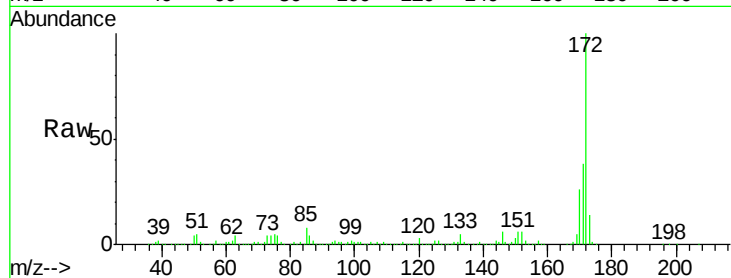
#45
2-Fluorobiphenyl
Concen: 78.654 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF119494.D
Acq: 24 Mar 2020 18:59

Instrument :
BNA_F
ClientSampleId :
TRACKS-66-67MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.9	29.9	44.9
170	25.6	20.1	30.1

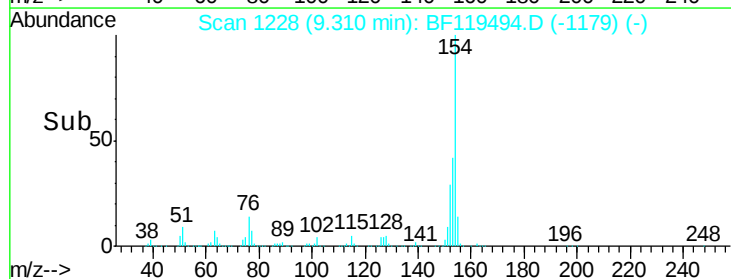
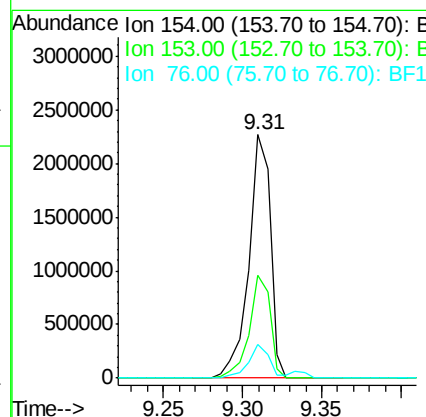
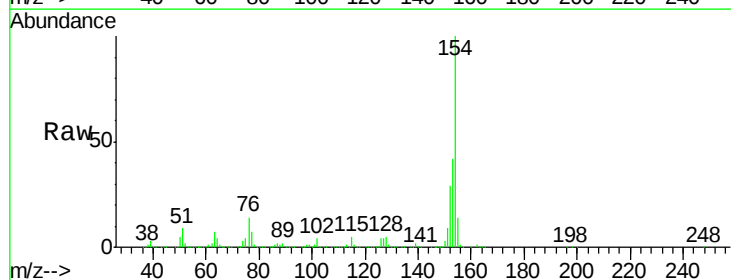
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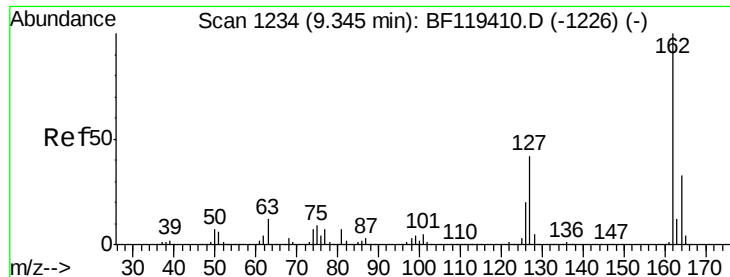
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#46
1,1'-Biphenyl
Concen: 43.867 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF119494.D
Acq: 24 Mar 2020 18:59

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.1	21.4	61.4
76	13.6	0.0	33.6





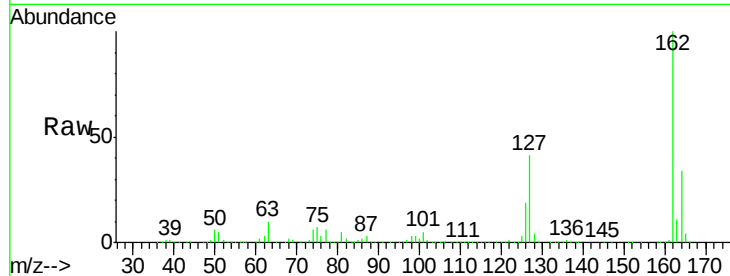
#47
2-Chloronaphthalene
Concen: 43.954 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.01 min
Lab File: BF119494.D
Acq: 24 Mar 2020 18:59

Instrument :
BNA_F
ClientSampleId :
TRACKS-66-67MS

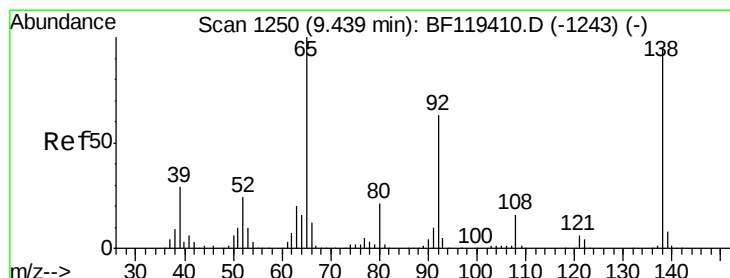
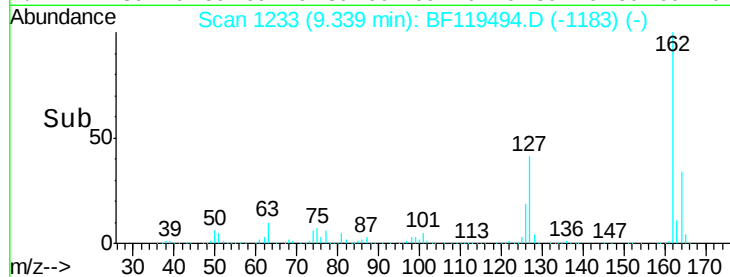
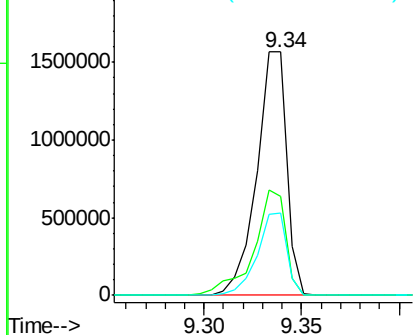
Tot Ion:162 Resp: 1669337
Ion Ratio Lower Upper
162 100
127 40.8 33.7 50.5
164 33.9 26.2 39.4

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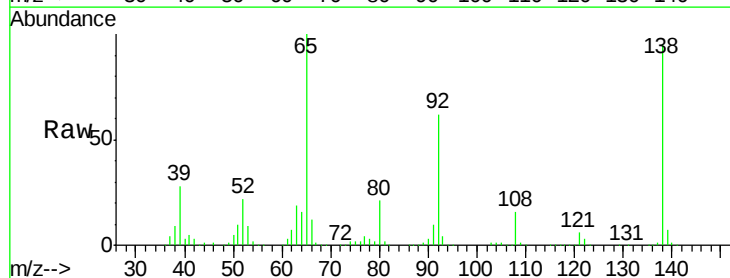


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

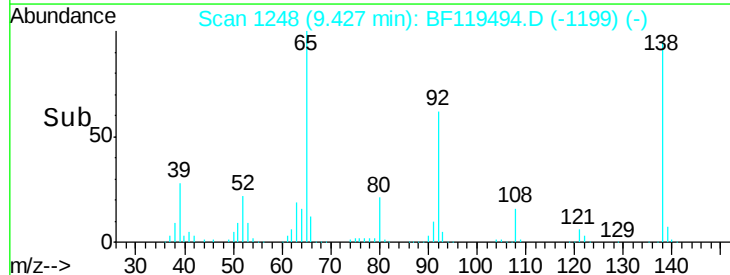
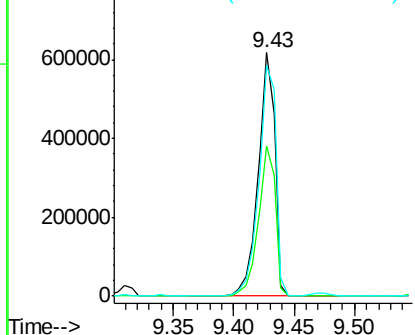


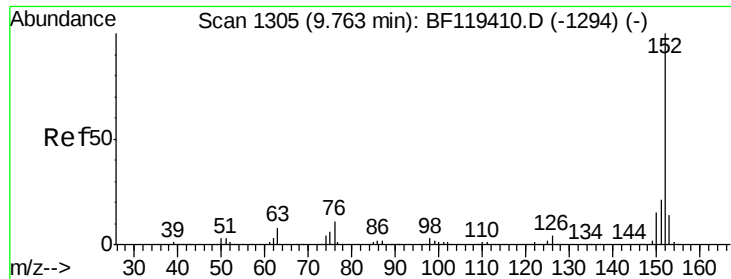
#48
2-Nitroaniline
Concen: 45.671 ng
RT: 9.43 min Scan# 1248
Delta R.T. -0.01 min
Lab File: BF119494.D
Acq: 24 Mar 2020 18:59

Tgt Ion: 65 Resp: 598690
Ion Ratio Lower Upper
65 100
92 61.8 50.5 75.7
138 95.0 75.8 113.8



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





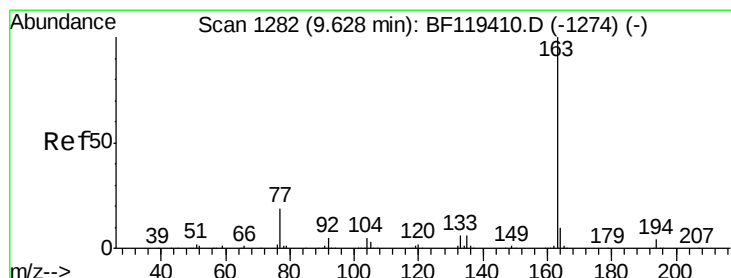
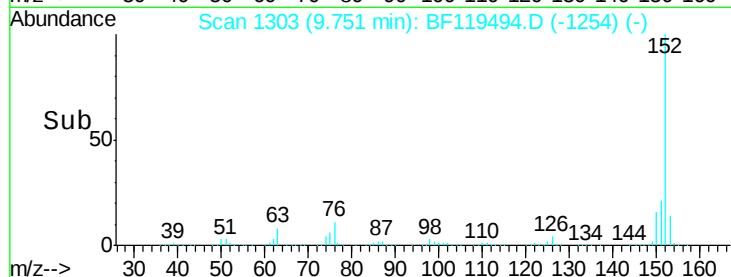
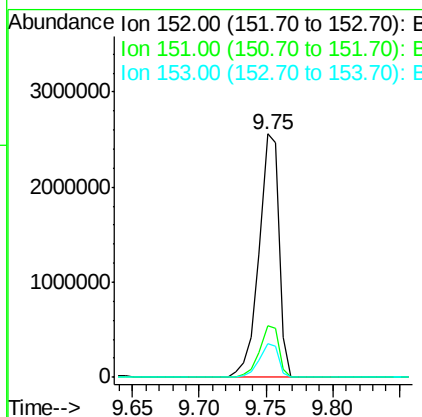
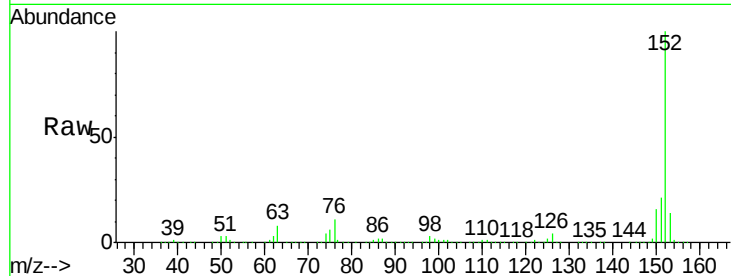
#49
Acenaphthylene
Concen: 43.776 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF119494.D
Acq: 24 Mar 2020 18:59

Instrument :
BNA_F
ClientSampleId :
TRACKS-66-67MS

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.8	25.2
153	14.1	11.2	16.8

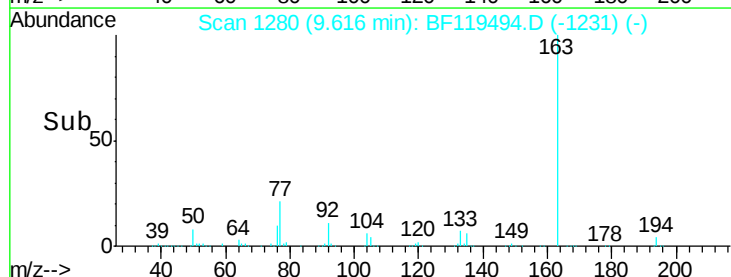
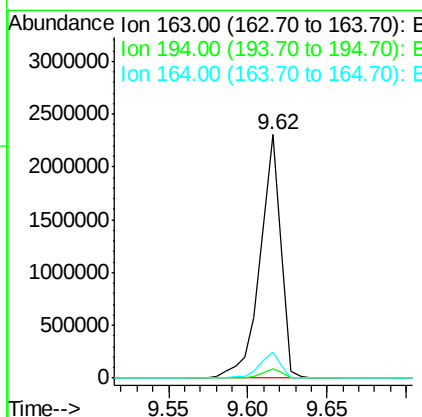
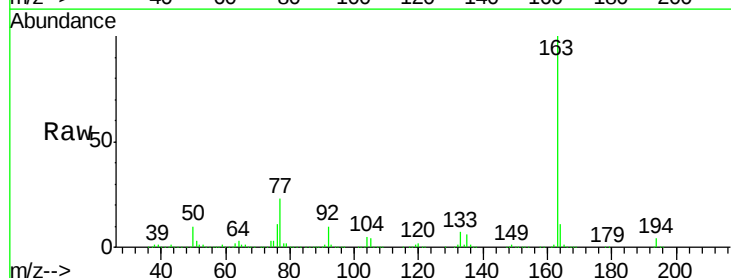
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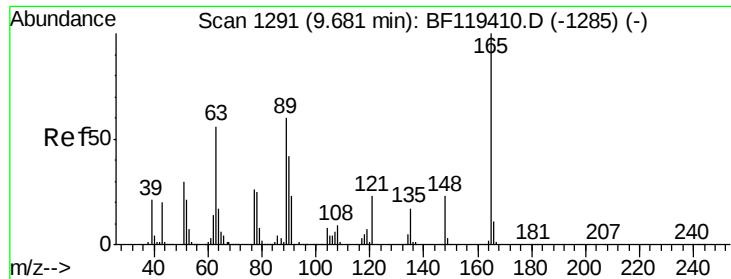
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#50
Dimethylphthalate
Concen: 50.192 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF119494.D
Acq: 24 Mar 2020 18:59

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.7	8.1	12.1





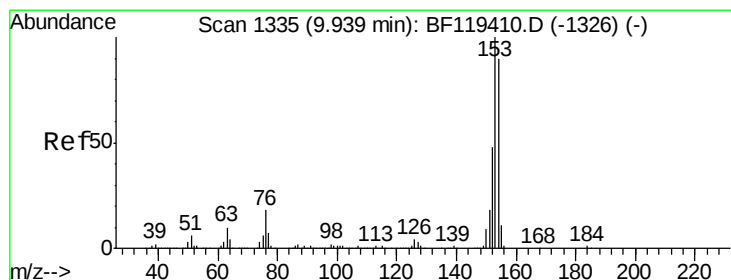
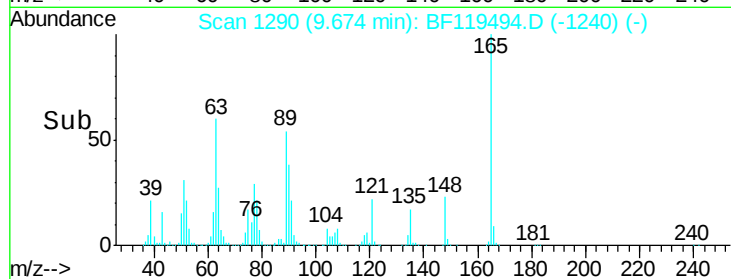
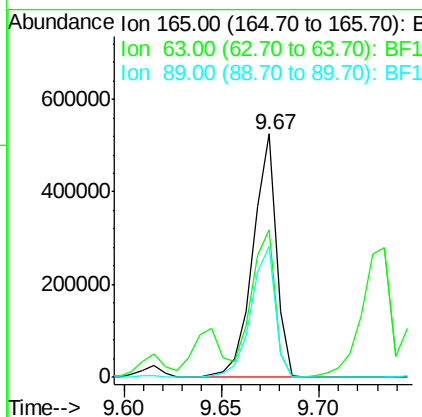
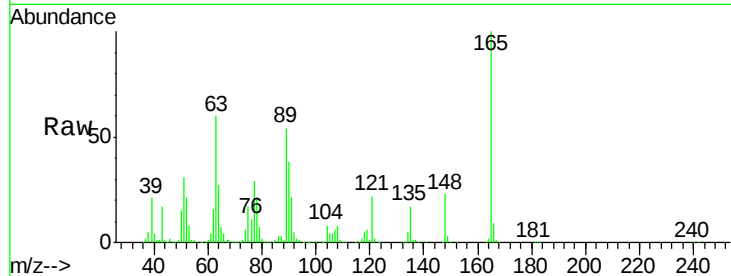
#51
2,6-Dinitrotoluene
Concen: 48.209 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF119494.D
Acq: 24 Mar 2020 18:59

Instrument :
BNA_F
ClientSampleId :
TRACKS-66-67MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	60.5	57.3	85.9
89	53.7	47.8	71.8

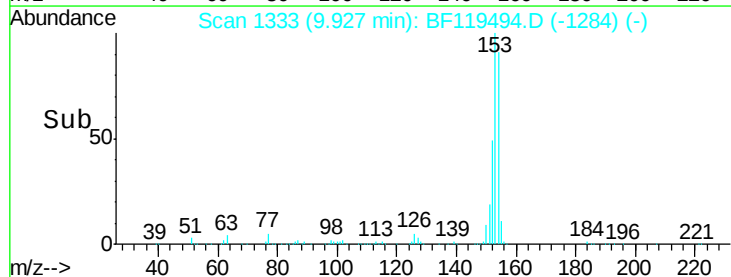
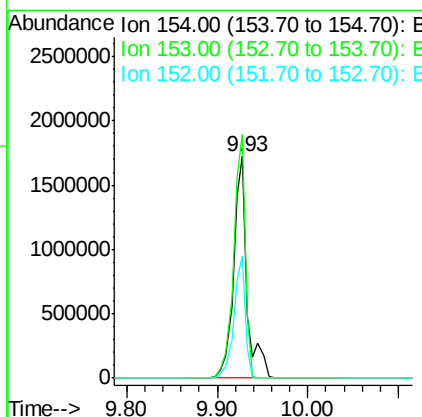
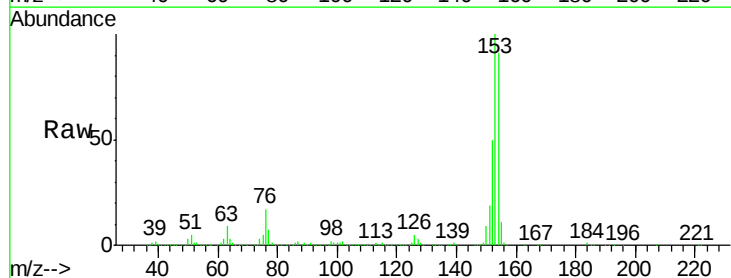
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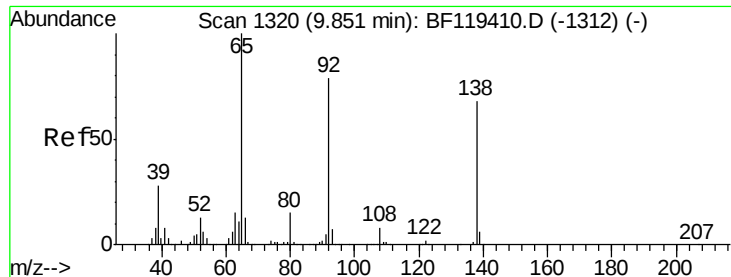
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#52
Acenaphthene
Concen: 48.245 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF119494.D
Acq: 24 Mar 2020 18:59

Tgt Ion	Ratio	Lower	Upper
154	100		
153	109.8	89.0	133.6
152	54.9	43.1	64.7





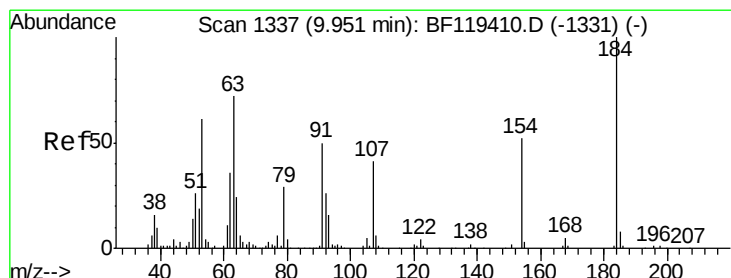
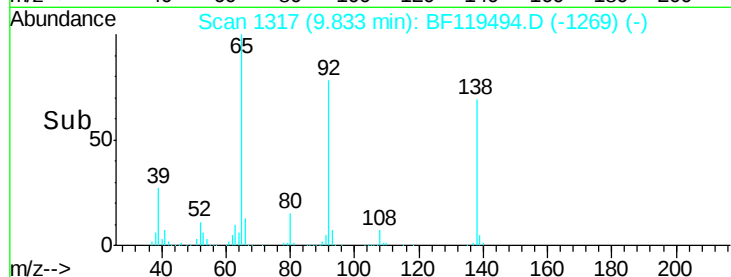
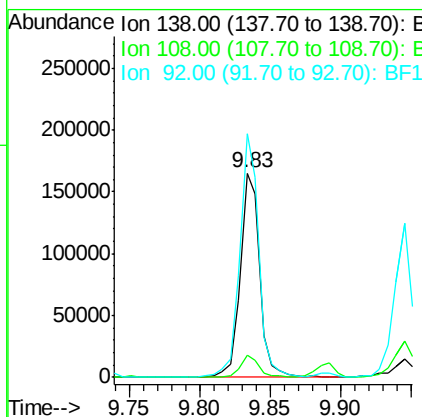
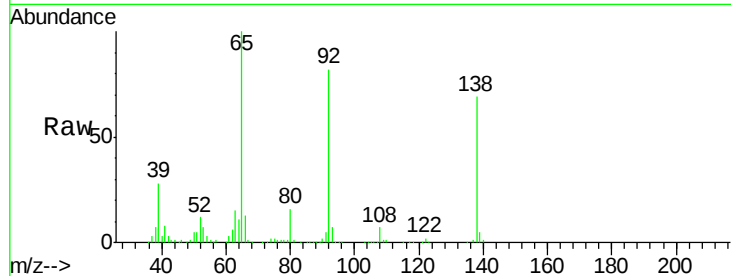
#53
3-Nitroaniline
Concen: 13.818 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.02 min
Lab File: BF119494.D
Acq: 24 Mar 2020 18:59

Instrument :
BNA_F
ClientSampleId :
TRACKS-66-67MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.7	9.0	13.6
92	119.1	93.2	139.8

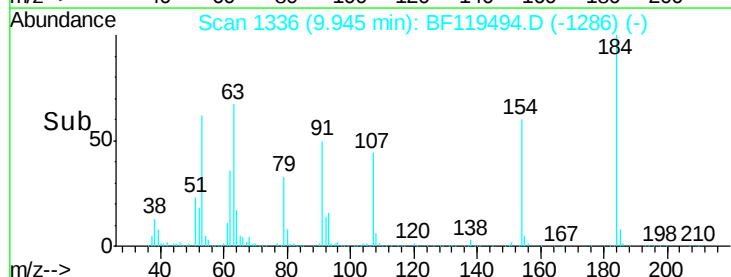
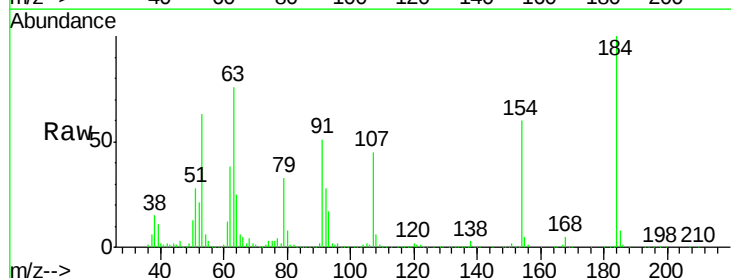
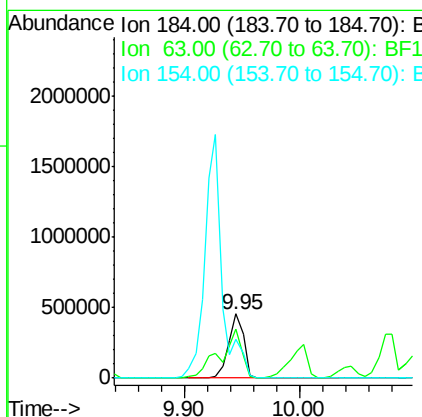
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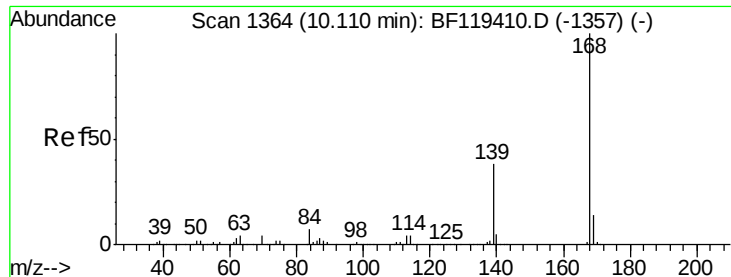
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#54
2,4-Dinitrophenol
Concen: 104.053 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF119494.D
Acq: 24 Mar 2020 18:59

Tgt Ion	Ratio	Lower	Upper
184	100		
63	75.9	58.5	87.7
154	60.0	51.8	77.6





#55

Dibenzenofuran

Concen: 43.978 ng

RT: 10.10 min Scan# 1362

Delta R.T. -0.01 min

Lab File: BF119494.D

Acq: 24 Mar 2020 18:59

Instrument :

BNA_F

ClientSampleId :

TRACKS-66-67MS

Tot Ion:168 Resp: 2344357

Ion Ratio Lower Upper

168 100

139 38.9 30.2 45.4

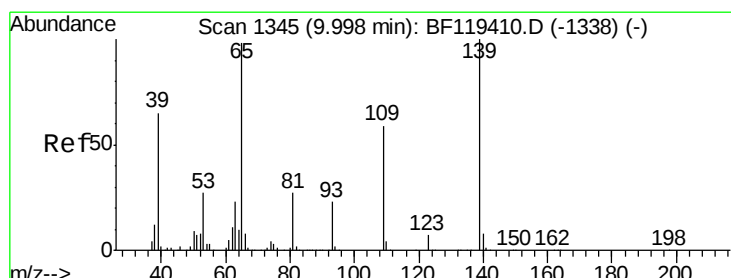
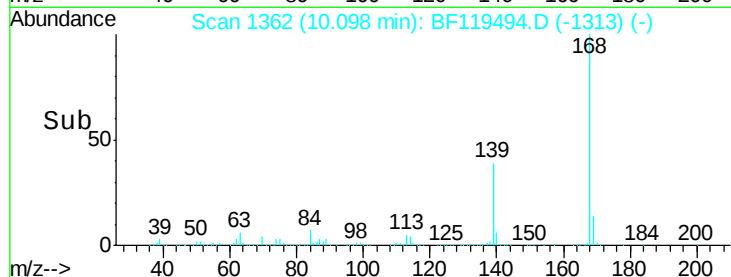
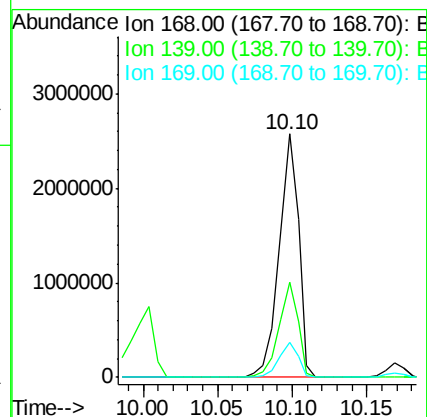
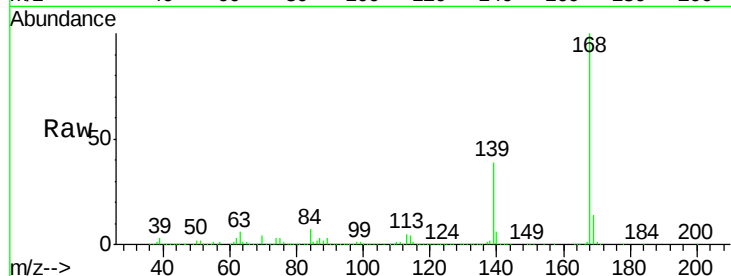
169 14.4 11.1 16.7

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#56

4-Nitrophenol

Concen: 85.524 ng

RT: 10.00 min Scan# 1346

Delta R.T. 0.01 min

Lab File: BF119494.D

Acq: 24 Mar 2020 18:59

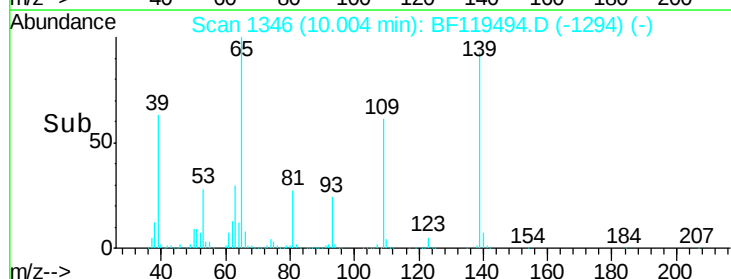
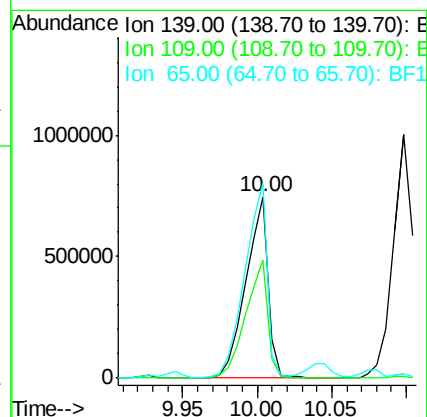
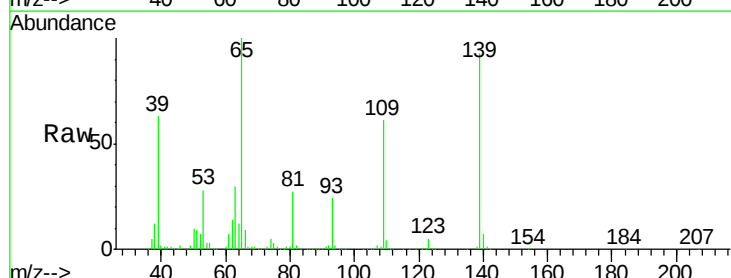
Tgt Ion:139 Resp: 772006

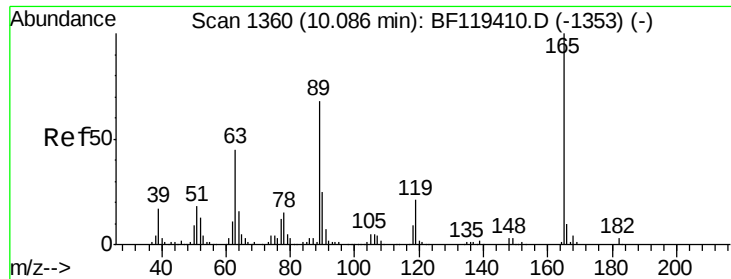
Ion Ratio Lower Upper

139 100

109 65.2 39.6 79.6

65 107.5 78.3 118.3





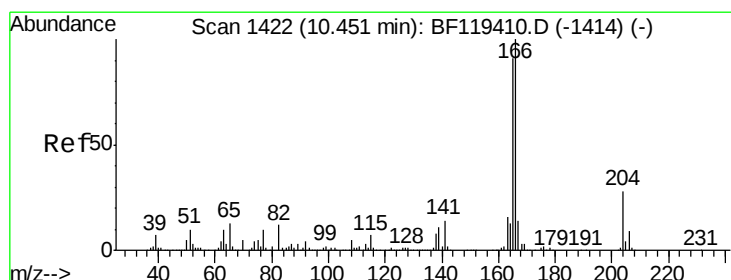
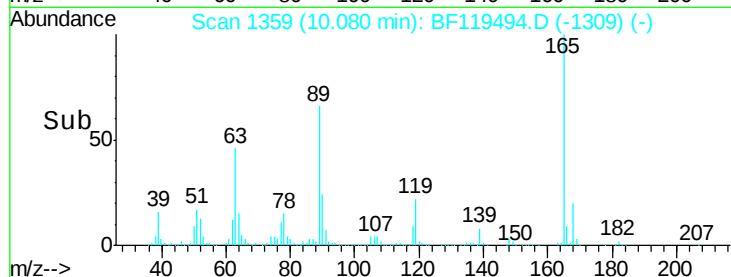
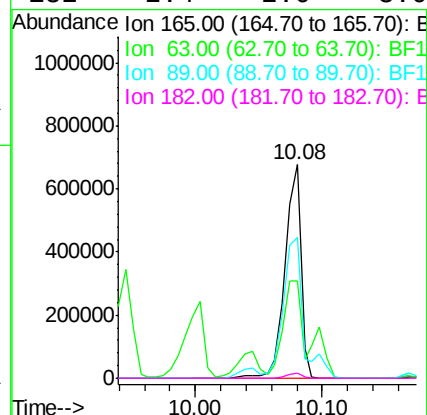
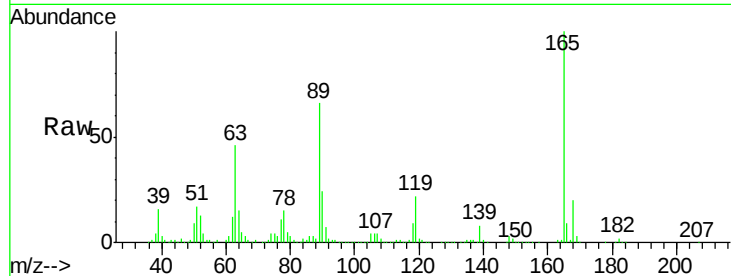
#57
2,4-Dinitrotoluene
Concen: 51.666 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF119494.D
Acq: 24 Mar 2020 18:59

Instrument :
BNA_F
ClientSampleId :
TRACKS-66-67MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		589899		
63	45.6	36.2	54.4		
89	66.0	54.3	81.5		
182	2.4	2.0	3.0		

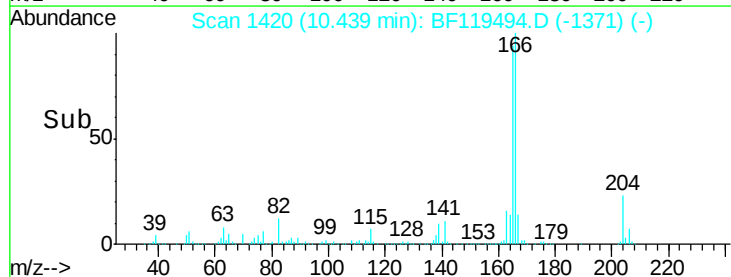
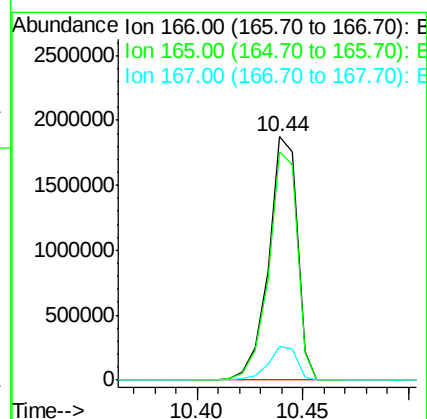
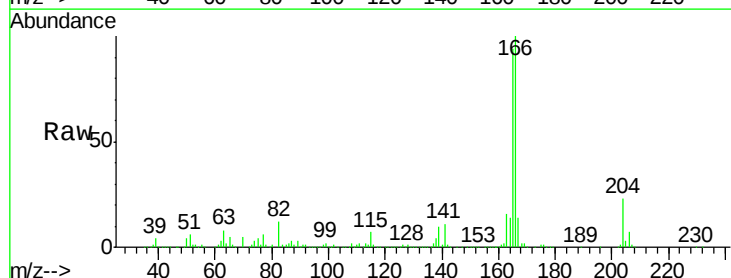
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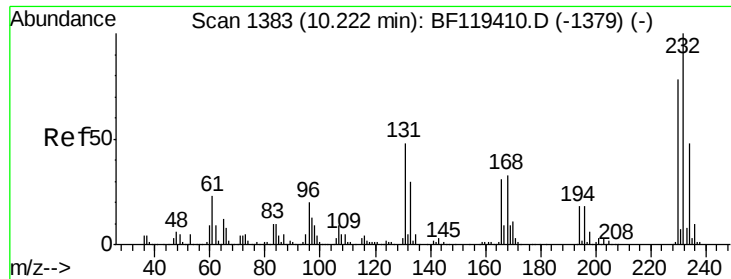
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#58
Fluorene
Concen: 45.025 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF119494.D
Acq: 24 Mar 2020 18:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1774891		
165	93.9	73.1	109.7		
167	14.1	11.0	16.6		





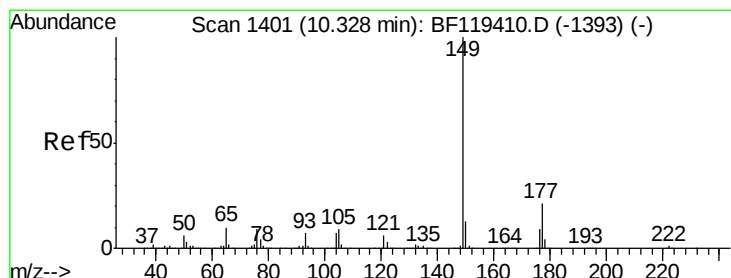
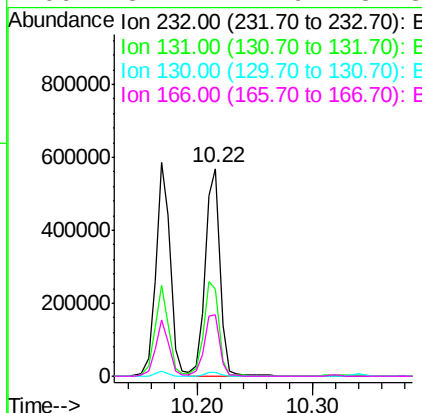
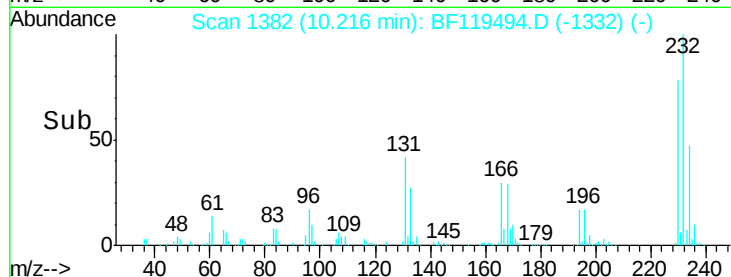
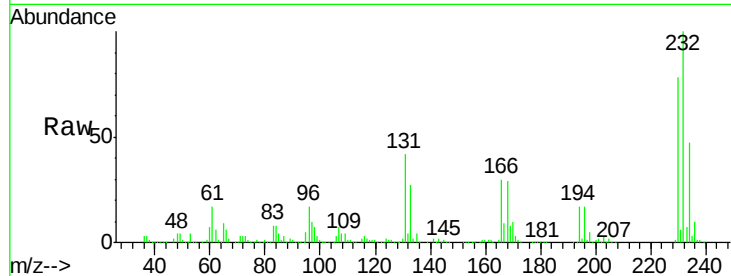
#59
2,3,4,6-Tetrachlorophenol
Concen: 48.853 ng
RT: 10.22 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BF119494.D
Acq: 24 Mar 2020 18:59

Instrument :
BNA_F
ClientSampleId :
TRACKS-66-67MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.8	36.3	54.5
130	2.3	1.8	2.6
166	31.1	24.9	37.3

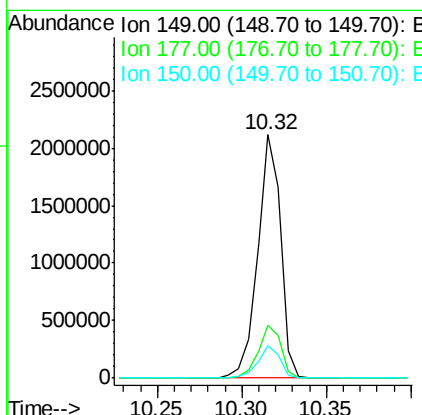
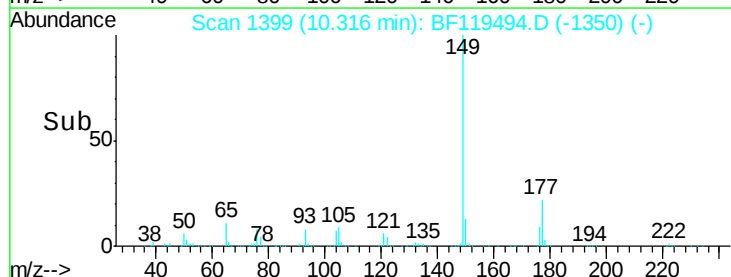
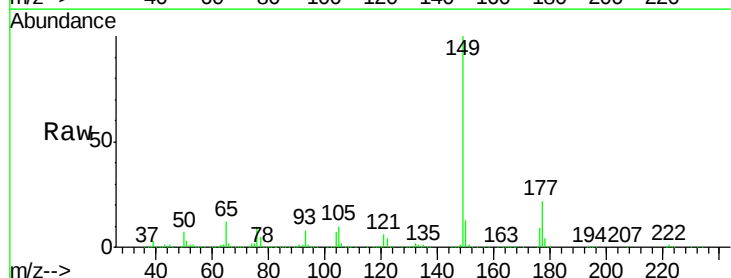
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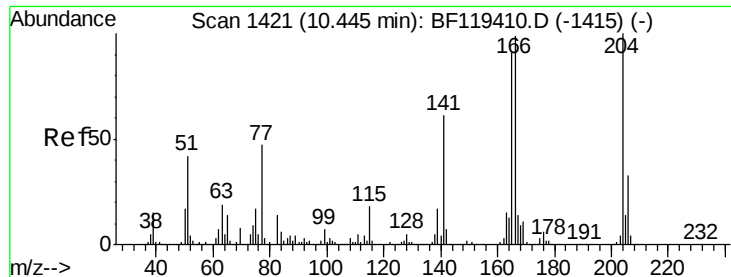
mohammad
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#60
Diethylphthalate
Concen: 46.551 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BF119494.D
Acq: 24 Mar 2020 18:59

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.6	17.0	25.6
150	13.3	10.2	15.4





#61

4-Chlorophenyl-phenylether

Concen: 45.658 ng

RT: 10.43 min Scan# 1419

Delta R.T. -0.01 min

Lab File: BF119494.D

Acq: 24 Mar 2020 18:59

Instrument :

BNA_F

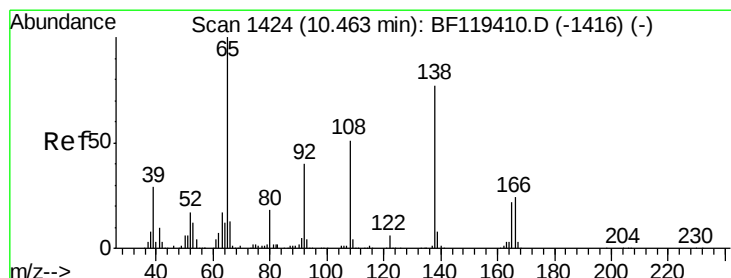
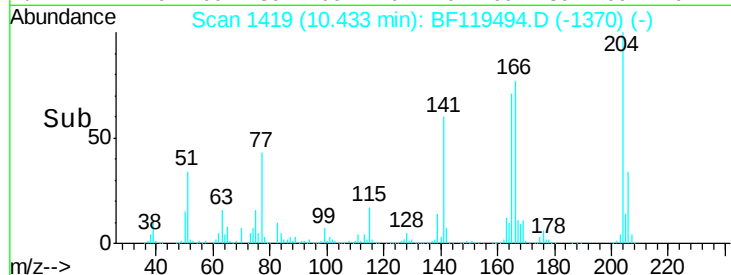
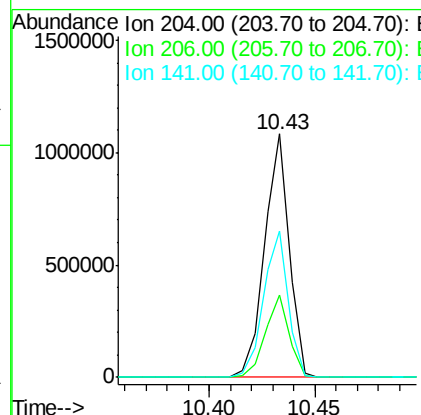
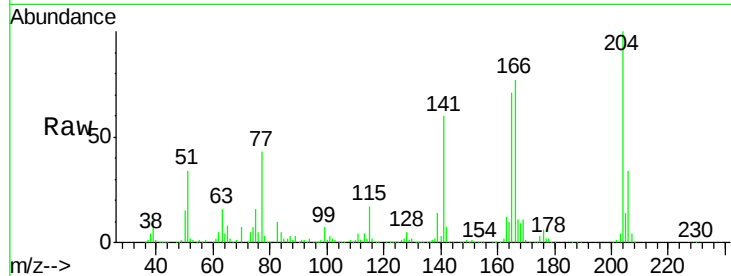
ClientSampleId :

TRACKS-66-67MS

Tot Ion:	204	Resp:	880152
Ion Ratio	Lower	Upper	
204	100		
206	33.9	26.7	40.1
141	60.3	48.8	73.2

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#62

4-Nitroaniline

Concen: 38.743 ng

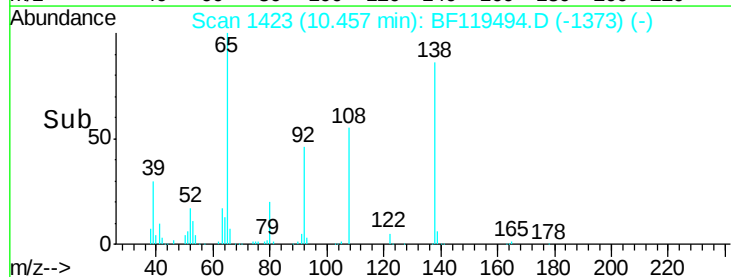
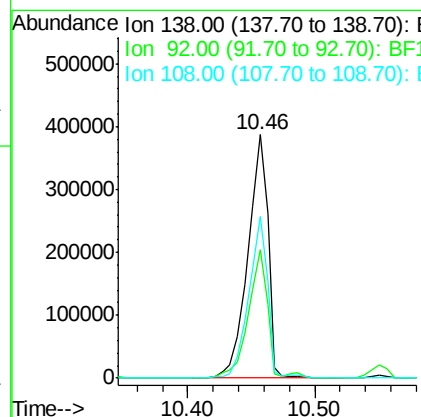
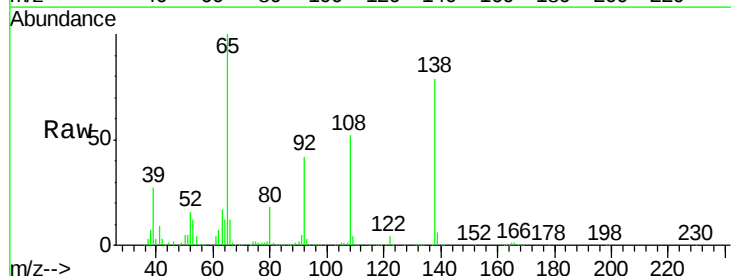
RT: 10.46 min Scan# 1423

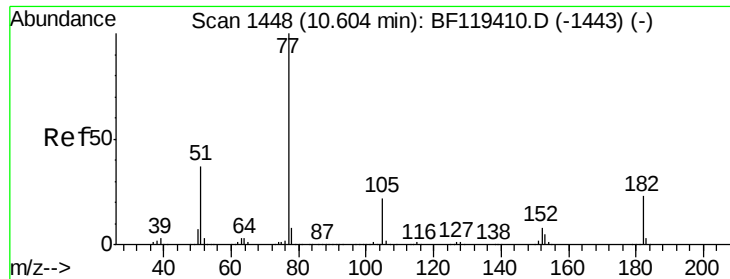
Delta R.T. -0.01 min

Lab File: BF119494.D

Acq: 24 Mar 2020 18:59

Tgt Ion:	138	Resp:	425116
Ion Ratio	Lower	Upper	
138	100		
92	52.9	32.0	72.0
108	66.3	46.0	86.0





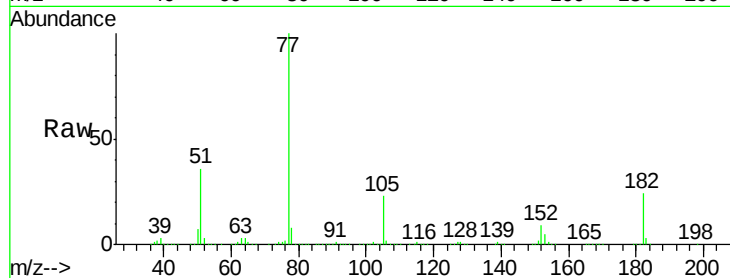
#63
Azobenzene
Concen: 44.465 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.01 min
Lab File: BF119494.D
Acq: 24 Mar 2020 18:59

Instrument :
BNA_F
ClientSampleId :
TRACKS-66-67MS

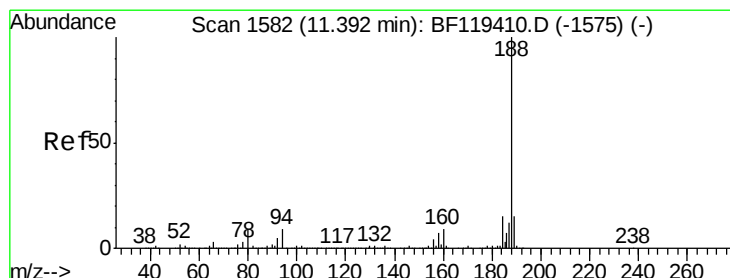
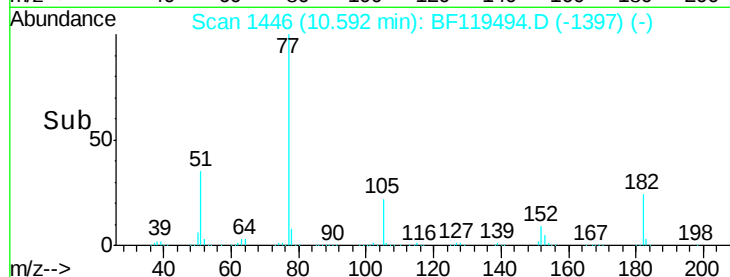
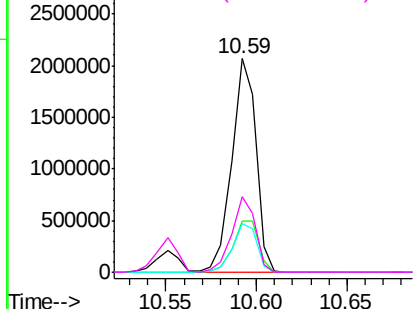
Tot Ion: 77 Resp: 1921705
Ion Ratio Lower Upper
77 100
182 23.9 2.5 42.5
105 22.9 2.5 42.5
51 35.5 17.1 57.1

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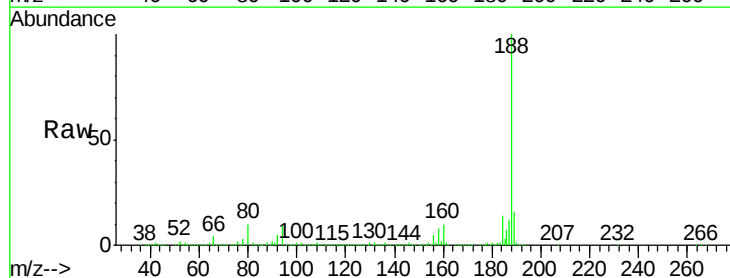


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

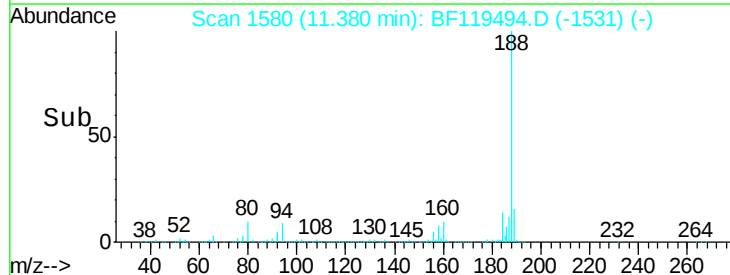
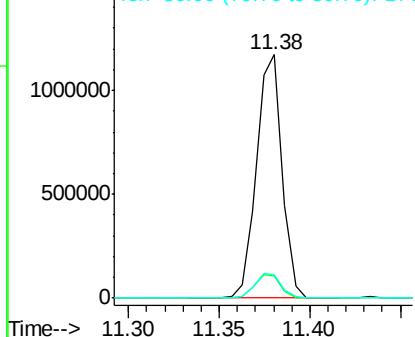


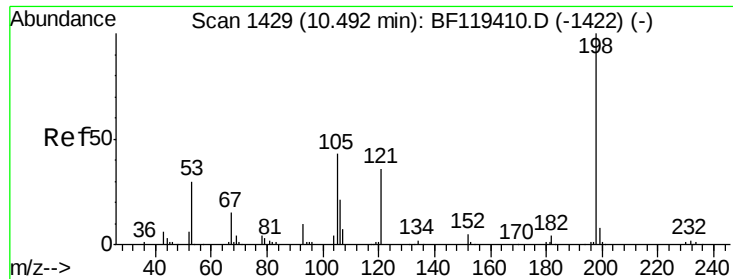
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF119494.D
Acq: 24 Mar 2020 18:59

Tgt Ion: 188 Resp: 1146116
Ion Ratio Lower Upper
188 100
94 8.9 7.1 10.7
80 9.6 7.5 11.3



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 57.189 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.01 min

Lab File: BF119494.D

Acq: 24 Mar 2020 18:59

Instrument :

BNA_F

ClientSampleId :

TRACKS-66-67MS

Tot Ion:198 Resp: 274848

Ion Ratio Lower Upper

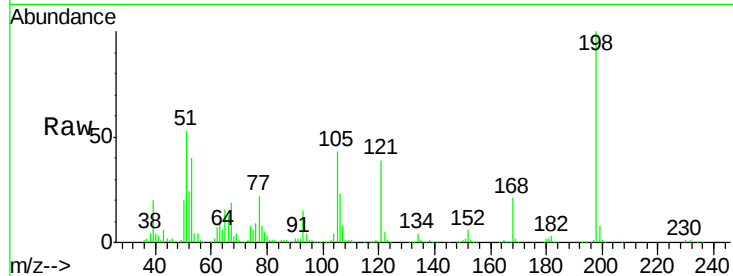
198 100

51 52.6 33.1 73.1

105 43.4 24.1 64.1

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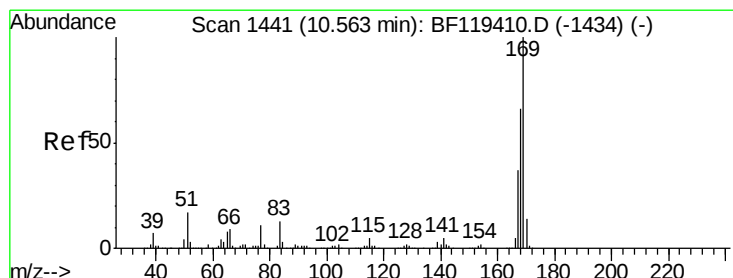
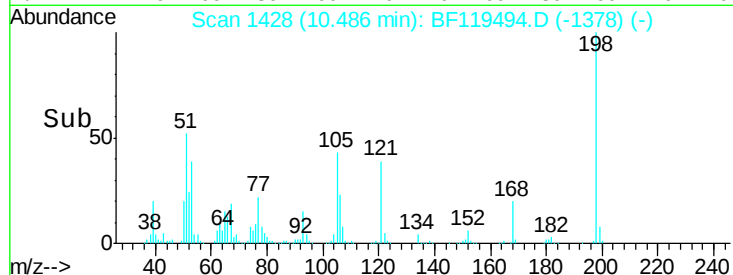
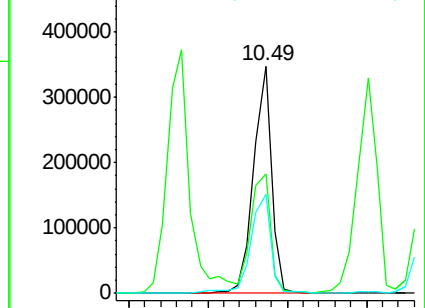
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 44.003 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF119494.D

Acq: 24 Mar 2020 18:59

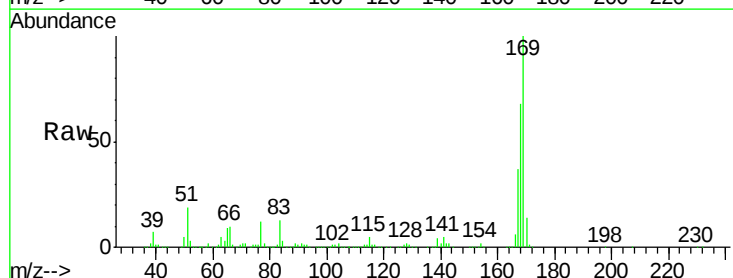
Tgt Ion:169 Resp: 1655611

Ion Ratio Lower Upper

169 100

168 68.1 52.7 79.1

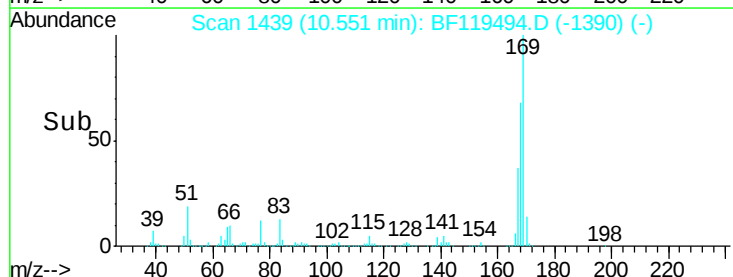
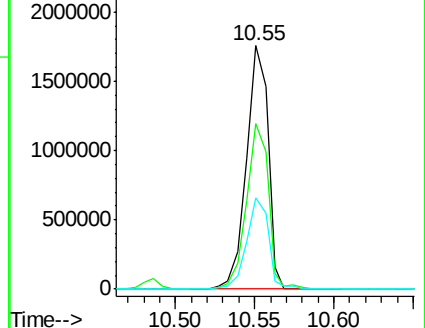
167 37.4 29.3 43.9

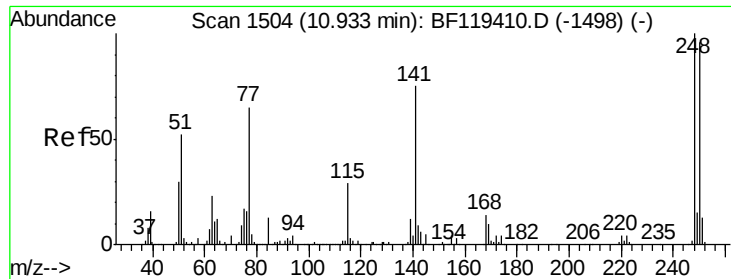


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 43.883 ng

RT: 10.92 min Scan# 1502

Delta R.T. -0.01 min

Lab File: BF119494.D

Acq: 24 Mar 2020 18:59

Instrument :

BNA_F

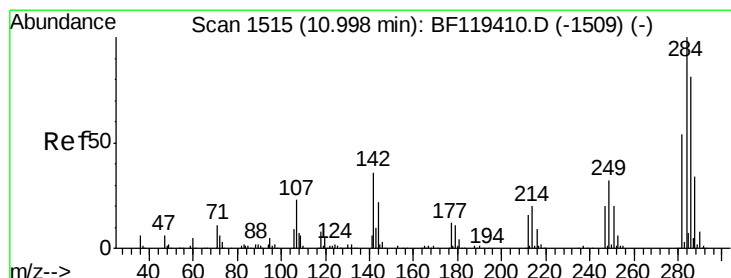
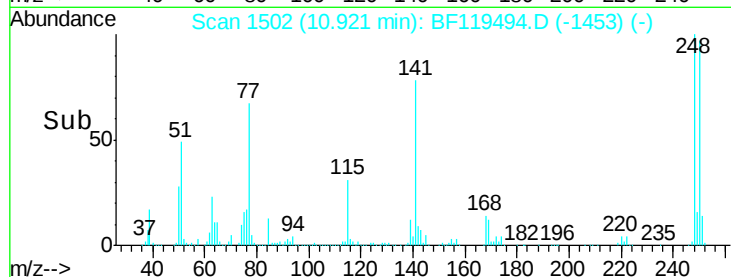
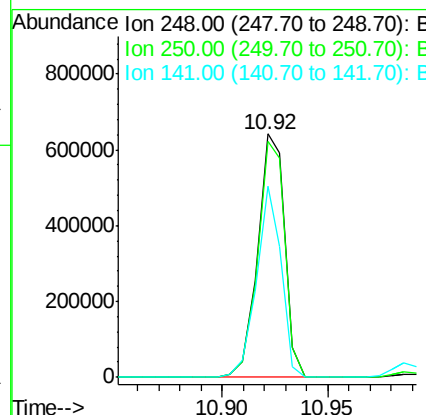
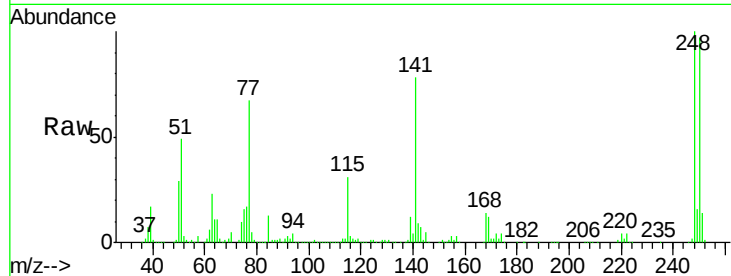
ClientSampleId :

TRACKS-66-67MS

Tot Ion:	248	Resp:	572797
Ion Ratio	Lower	Upper	
248	100		
250	96.9	77.0	115.6
141	78.3	59.7	89.5

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#68

Hexachlorobenzene

Concen: 45.904 ng

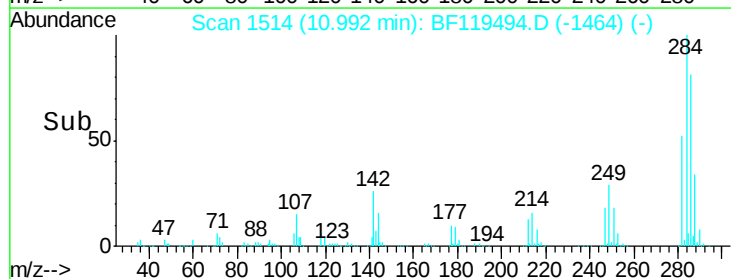
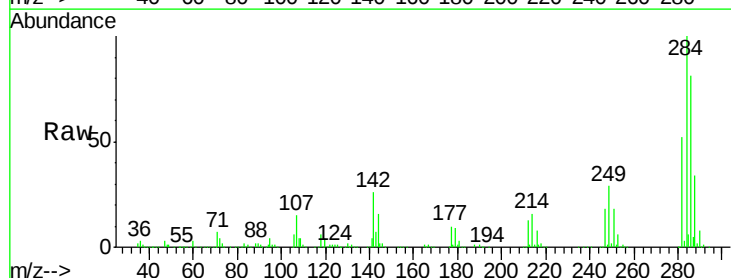
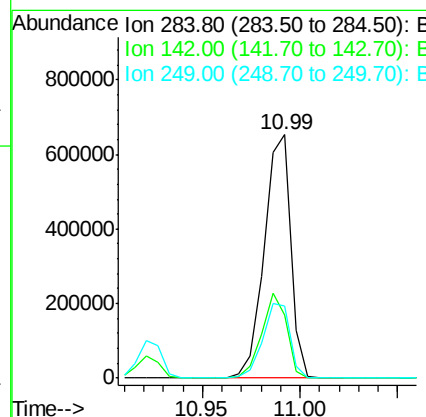
RT: 10.99 min Scan# 1514

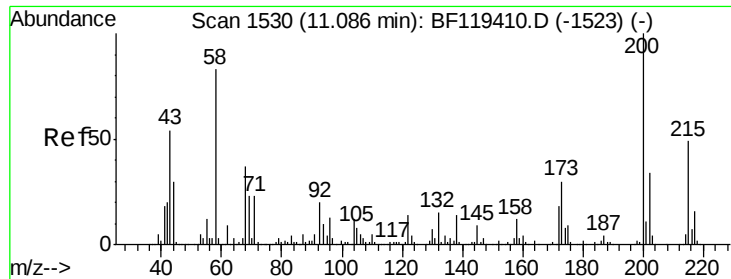
Delta R.T. -0.01 min

Lab File: BF119494.D

Acq: 24 Mar 2020 18:59

Tgt Ion:	284	Resp:	613244
Ion Ratio	Lower	Upper	
284	100		
142	26.2	28.7	43.1#
249	29.4	25.4	38.0





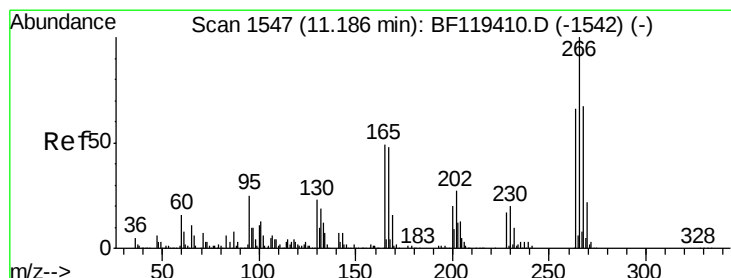
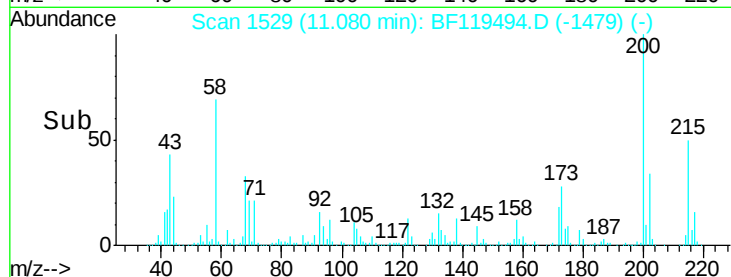
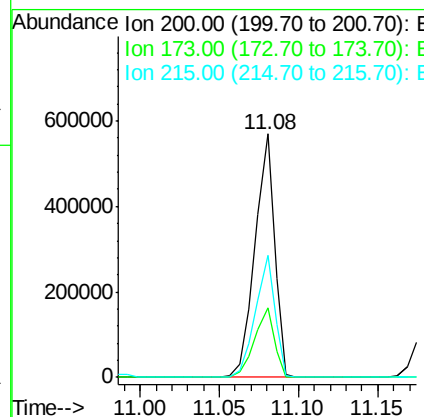
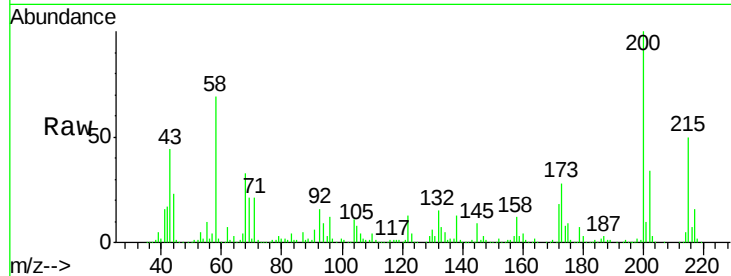
#69
 Atrazine
 Concen: 47.525 ng
 RT: 11.08 min Scan# 1529
 Delta R.T. -0.01 min
 Lab File: BF119494.D
 Acq: 24 Mar 2020 18:59

Instrument :
 BNA_F
 ClientSampleId :
 TRACKS-66-67MS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	28.5	9.9	49.9
215	49.9	29.4	69.4

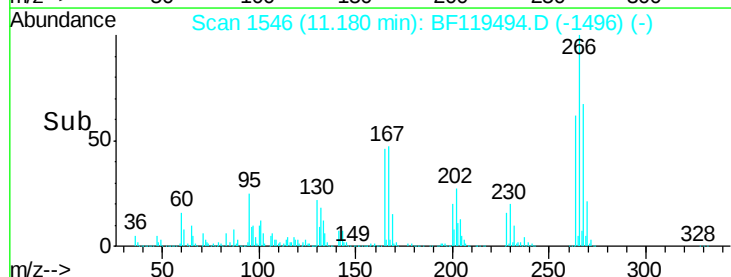
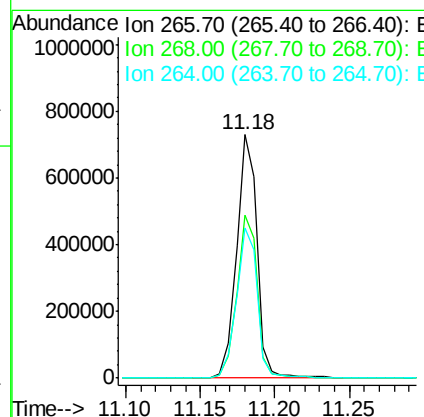
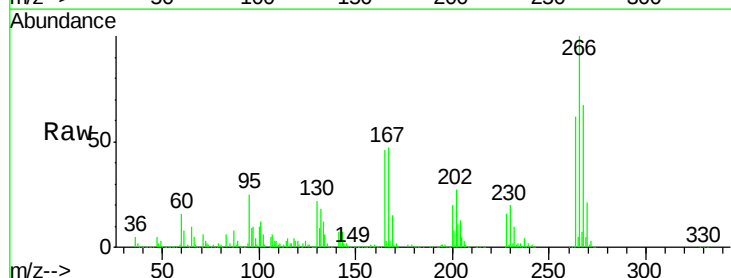
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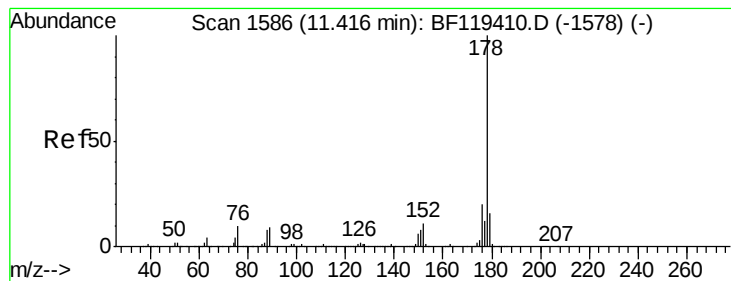
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#70
 Pentachlorophenol
 Concen: 90.084 ng
 RT: 11.18 min Scan# 1546
 Delta R.T. -0.01 min
 Lab File: BF119494.D
 Acq: 24 Mar 2020 18:59

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	67.1	53.7	80.5
264	61.7	52.5	78.7





#71

Phenanthrene

Concen: 43.435 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF119494.D

Acq: 24 Mar 2020 18:59

Instrument :

BNA_F

ClientSampleId :

TRACKS-66-67MS

Tot Ion:178 Resp: 2581284

Ion Ratio Lower Upper

178 100

176 20.5 16.2 24.4

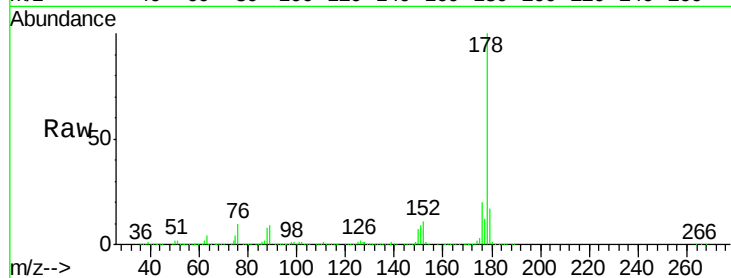
179 17.0 12.9 19.3

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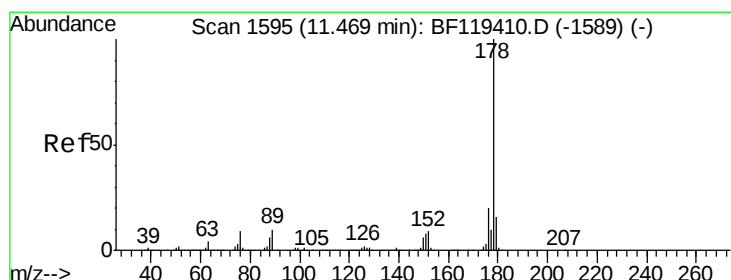
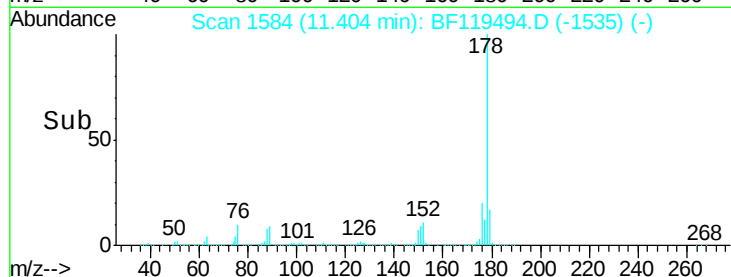
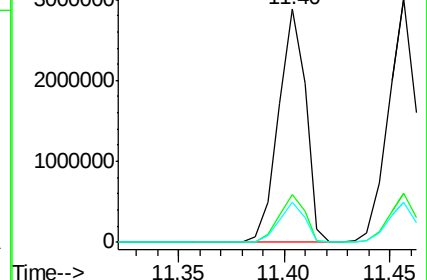
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 44.320 ng

RT: 11.46 min Scan# 1593

Delta R.T. -0.01 min

Lab File: BF119494.D

Acq: 24 Mar 2020 18:59

Tgt Ion:178 Resp: 2676962

Ion Ratio Lower Upper

178 100

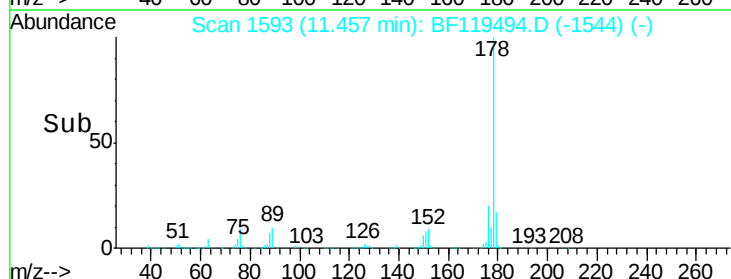
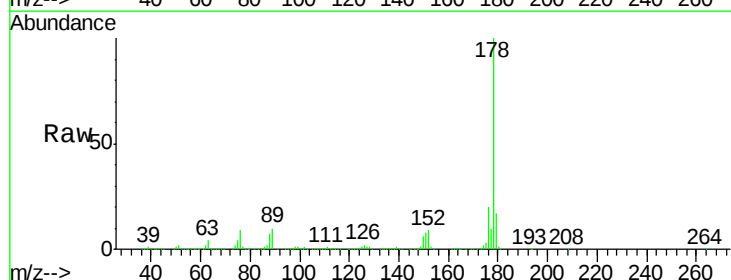
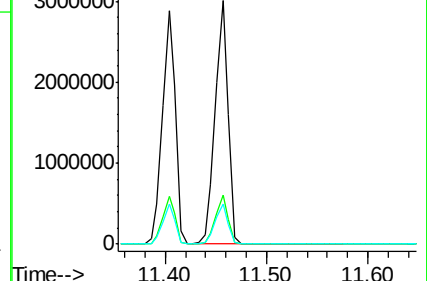
176 20.2 15.6 23.4

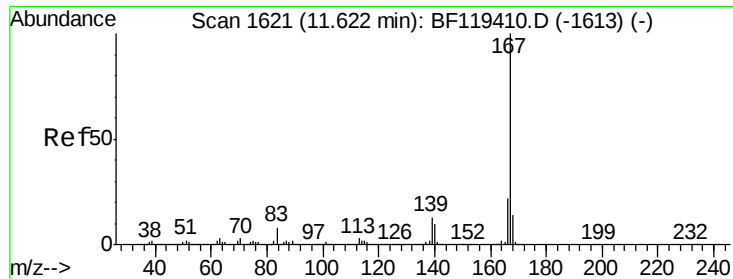
179 16.6 13.1 19.7

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 41.453 ng

RT: 11.61 min Scan# 1619

Delta R.T. -0.01 min

Lab File: BF119494.D

Acq: 24 Mar 2020 18:59

Instrument :

BNA_F

ClientSampleId :

TRACKS-66-67MS

Tot Ion:167 Resp: 2478256

Ion Ratio Lower Upper

167 100

166 22.9 17.8 26.6

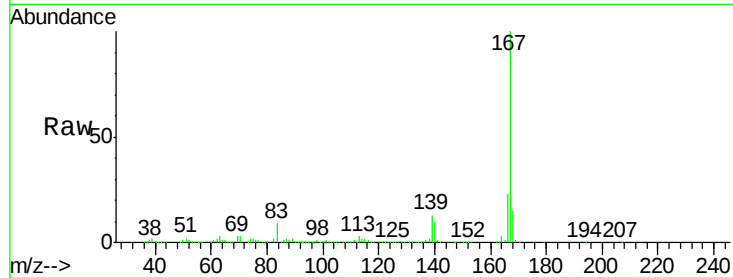
139 13.3 10.2 15.4

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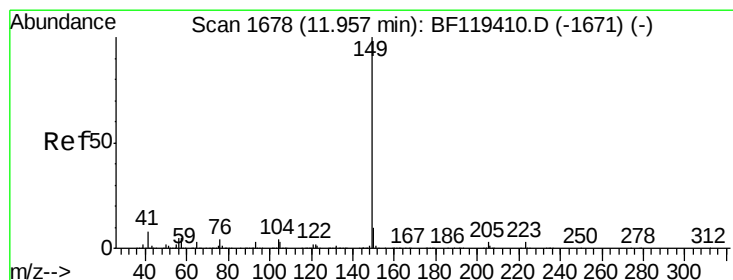
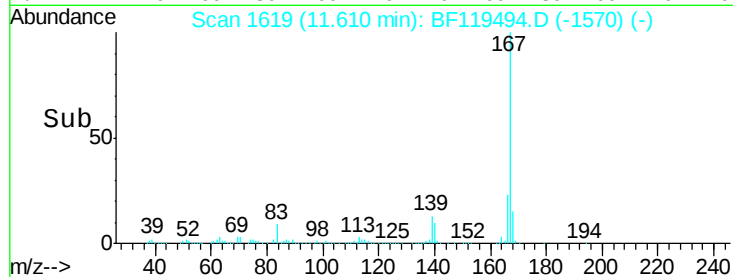
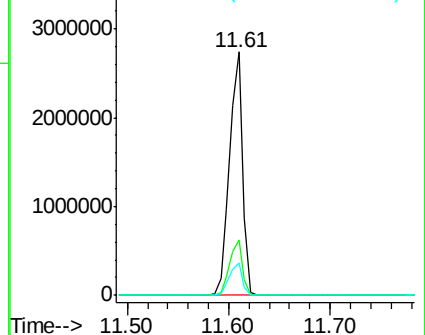
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Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 48.340 ng

RT: 11.94 min Scan# 1676

Delta R.T. -0.01 min

Lab File: BF119494.D

Acq: 24 Mar 2020 18:59

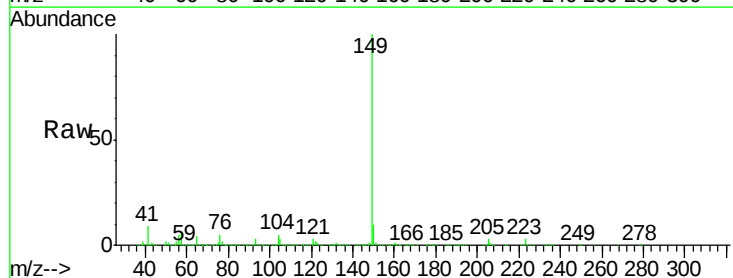
Tgt Ion:149 Resp: 3091483

Ion Ratio Lower Upper

149 100

150 10.3 7.6 11.4

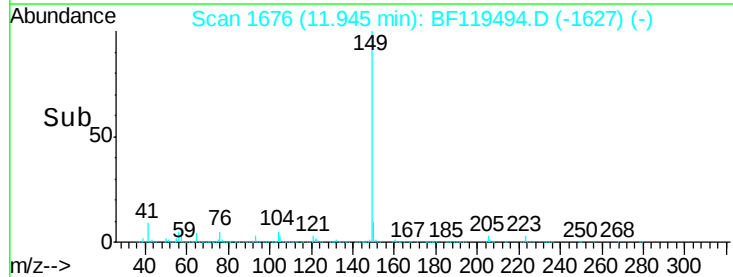
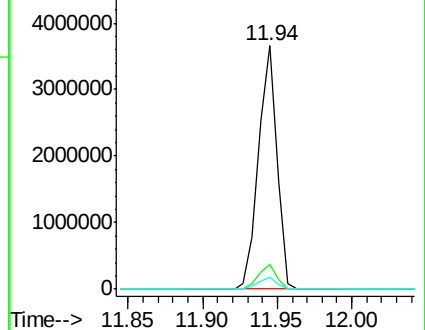
104 5.1 3.5 5.3

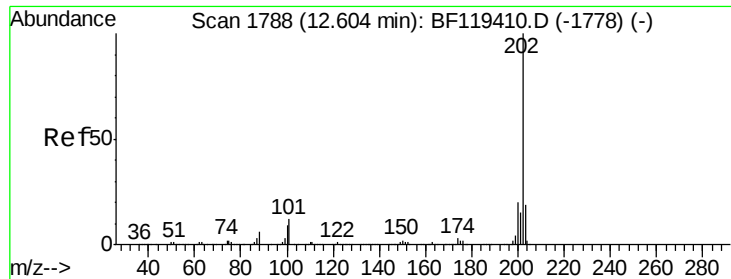


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 43.630 ng

RT: 12.59 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF119494.D

Acq: 24 Mar 2020 18:59

Instrument :

BNA_F

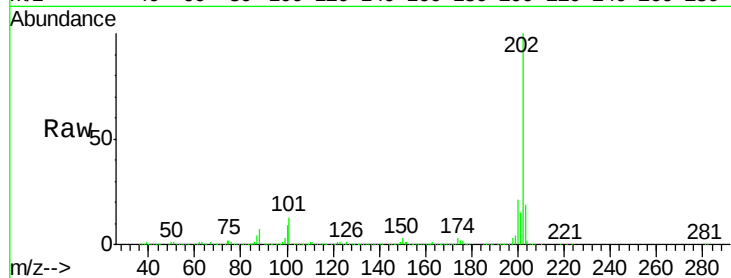
ClientSampleId :

TRACKS-66-67MS

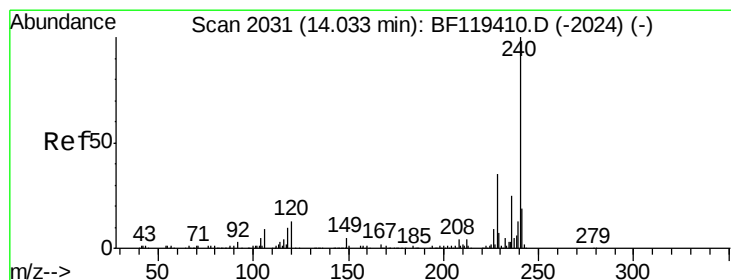
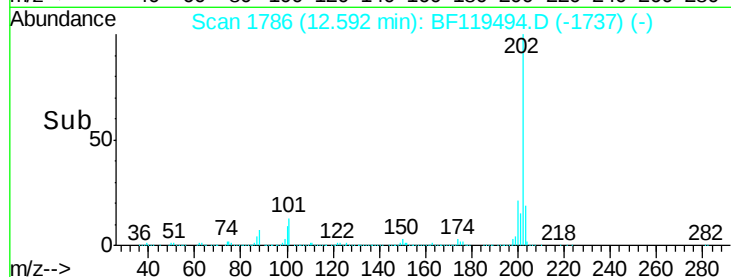
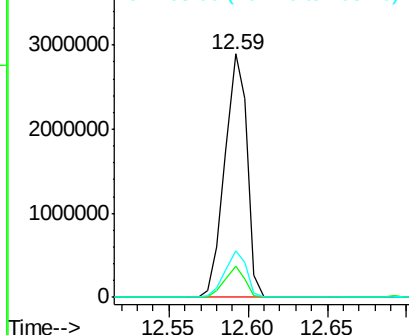
Tot Ion:	202	Resp:	2806143
Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	32.4
203	19.0	0.0	38.5

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

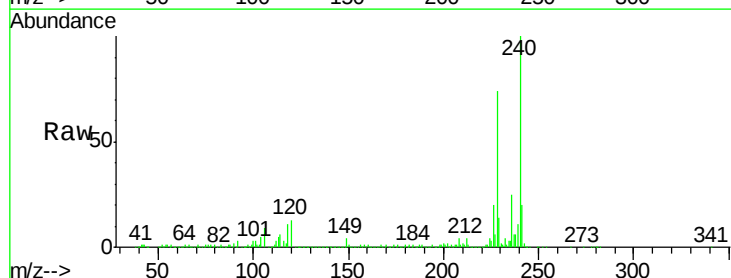
RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

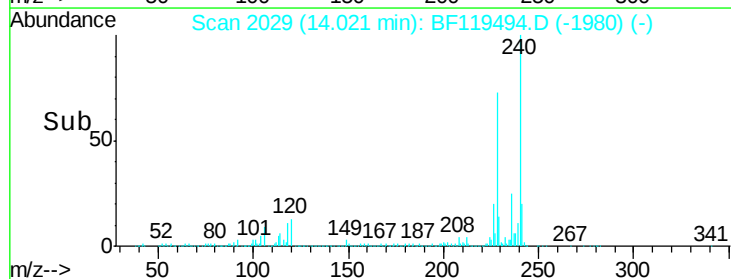
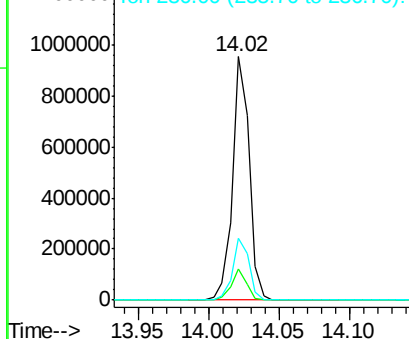
Lab File: BF119494.D

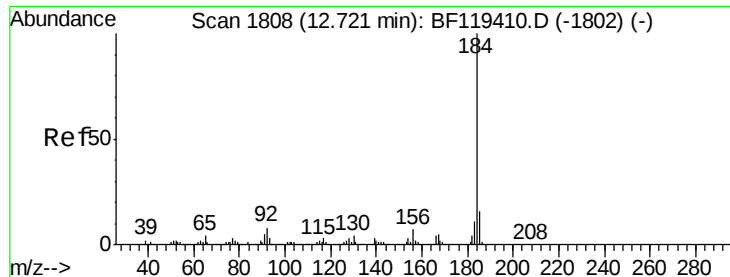
Acq: 24 Mar 2020 18:59

Tgt Ion:	240	Resp:	781794
Ion	Ratio	Lower	Upper
240	100		
120	12.7	10.2	15.4
236	25.2	20.4	30.6



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 29.175 ng

RT: 12.71 min Scan# 1806

Delta R.T. -0.01 min

Lab File: BF119494.D

Acq: 24 Mar 2020 18:59

Instrument :

BNA_F

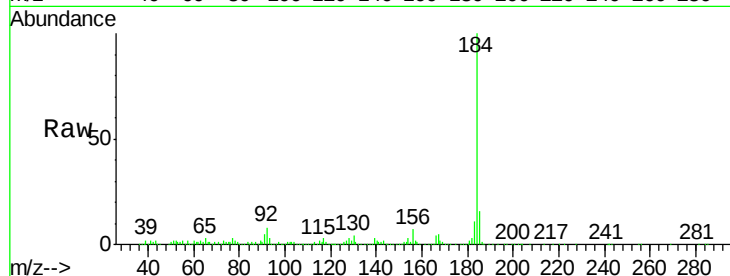
ClientSampleId :

TRACKS-66-67MS

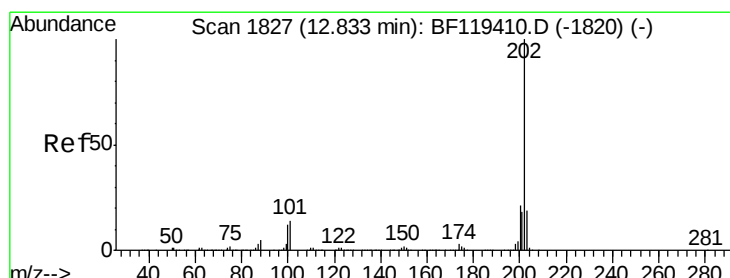
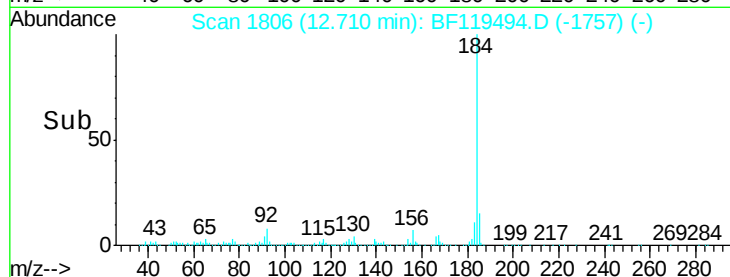
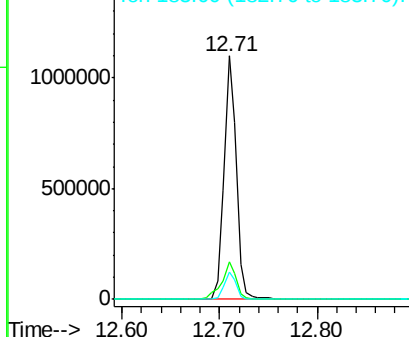
Tot Ion:	184	Resp:	965277
Ion Ratio	Lower	Upper	
184	100		
185	15.5	12.9	19.3
183	11.0	9.0	13.4

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.684 ng

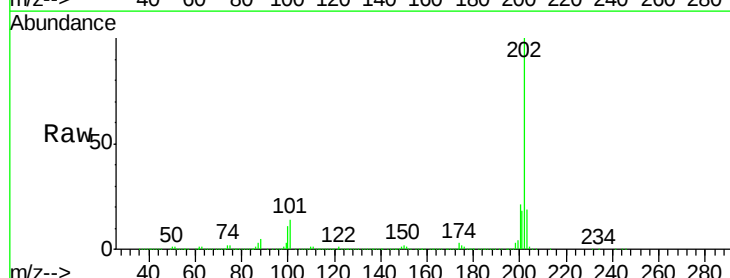
RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

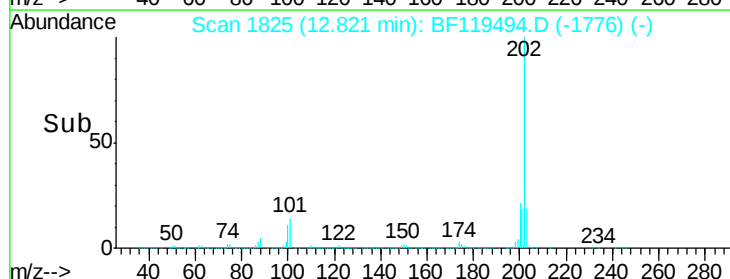
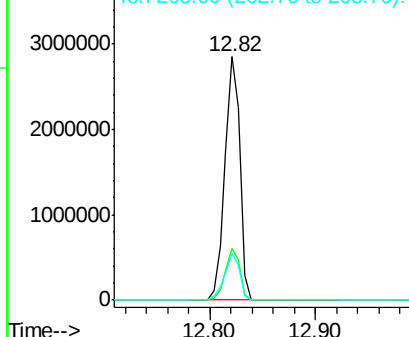
Lab File: BF119494.D

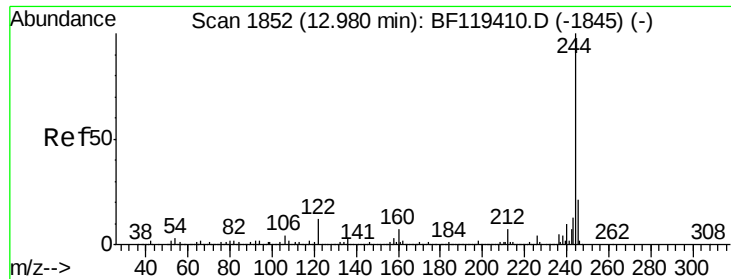
Acq: 24 Mar 2020 18:59

Tgt Ion:	202	Resp:	2802831
Ion Ratio	Lower	Upper	
202	100		
200	21.5	16.8	25.2
203	19.3	14.8	22.2



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





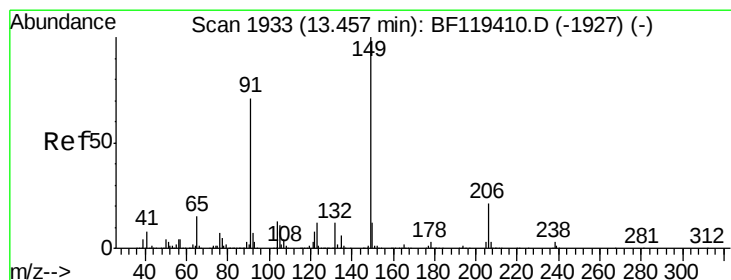
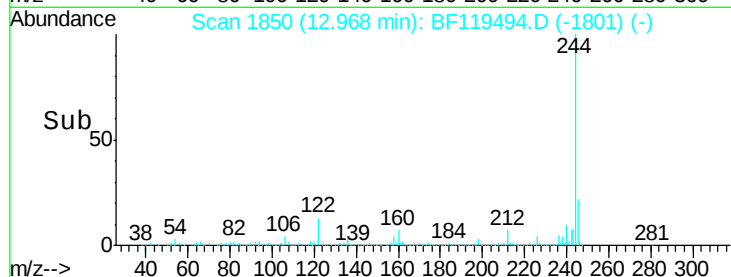
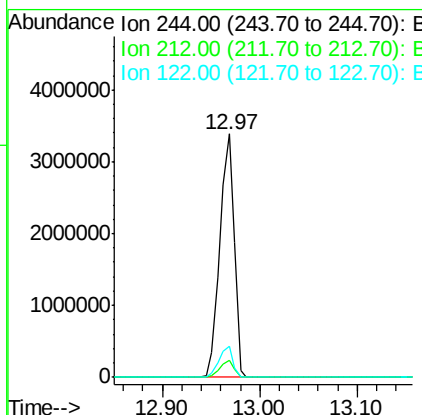
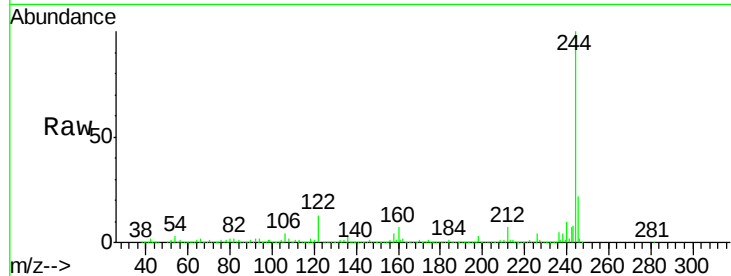
#79
 Terphenyl-d14
 Concen: 87.130 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. -0.01 min
 Lab File: BF119494.D
 Acq: 24 Mar 2020 18:59

Instrument :
 BNA_F
 ClientSampleId :
 TRACKS-66-67MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.7	8.5
122	12.7	9.8	14.8

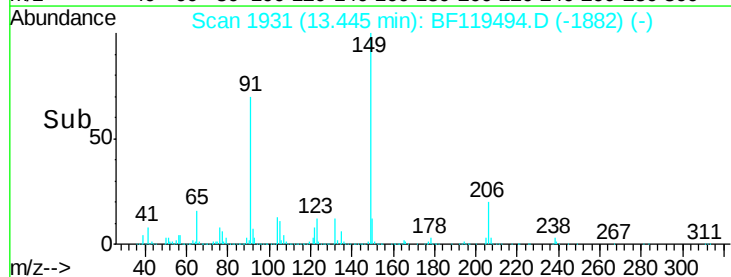
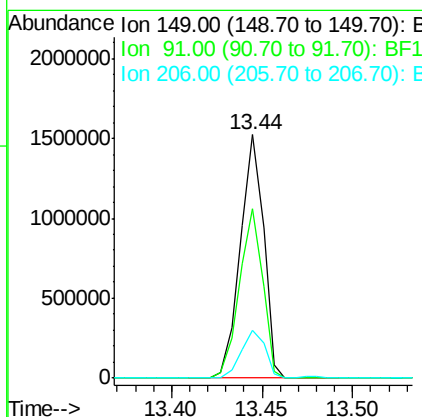
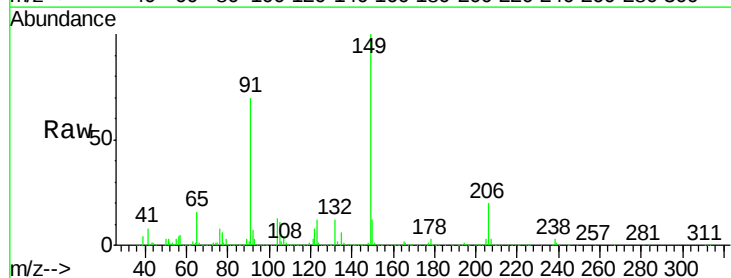
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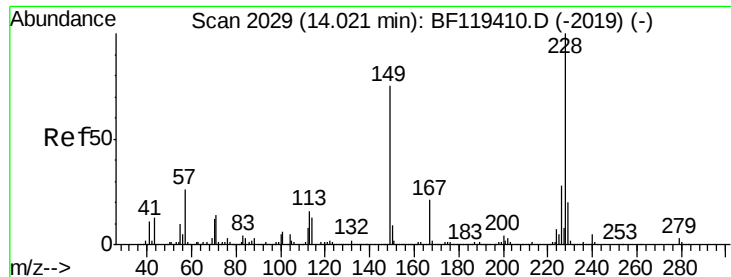
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#80
 Butylbenzylphthalate
 Concen: 52.497 ng
 RT: 13.44 min Scan# 1931
 Delta R.T. -0.01 min
 Lab File: BF119494.D
 Acq: 24 Mar 2020 18:59

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.8	57.0	85.6
206	19.6	16.4	24.6





#81

Benzo(a)anthracene

Concen: 41.727 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF119494.D

Acq: 24 Mar 2020 18:59

Instrument :

BNA_F

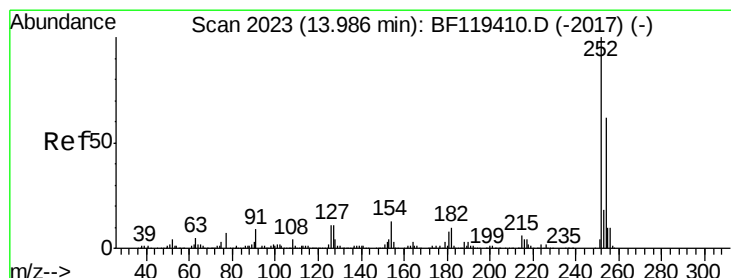
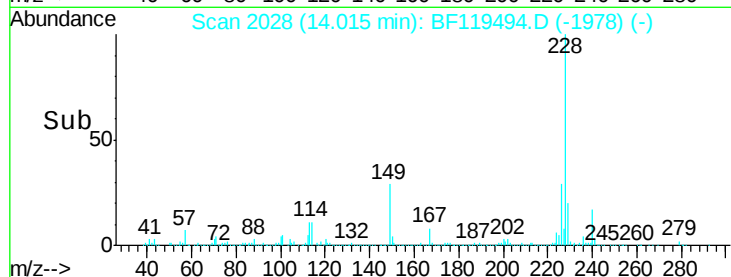
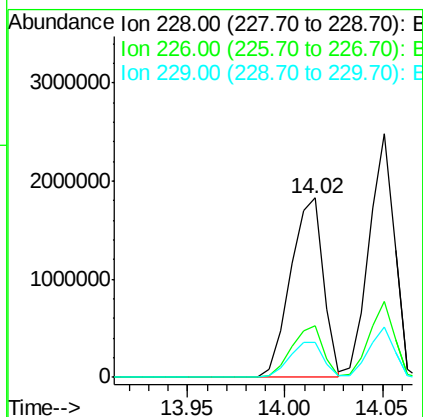
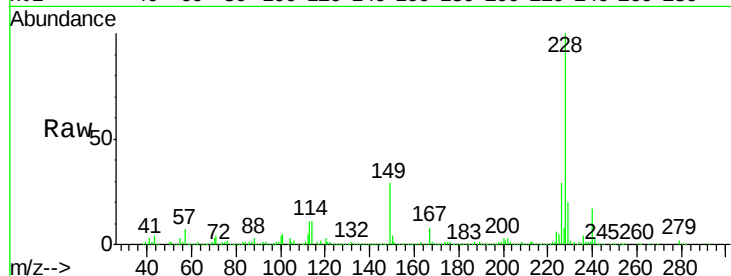
ClientSampleId :

TRACKS-66-67MS

Tot Ion:	228	Resp:	2121372
Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.3	33.5
229	19.9	16.3	24.5

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#82

3,3'-Dichlorobenzidine

Concen: 16.091 ng

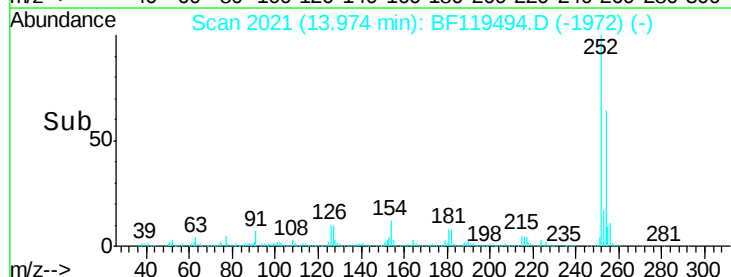
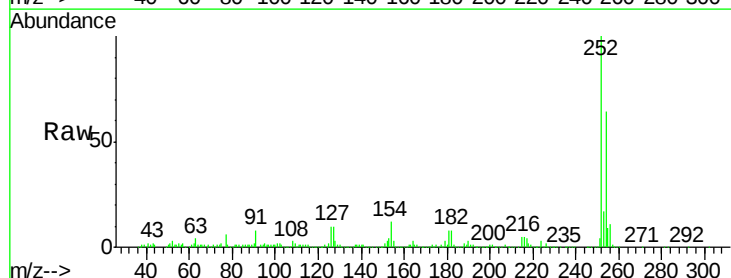
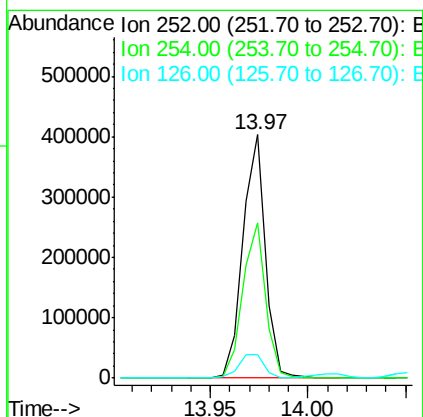
RT: 13.97 min Scan# 2021

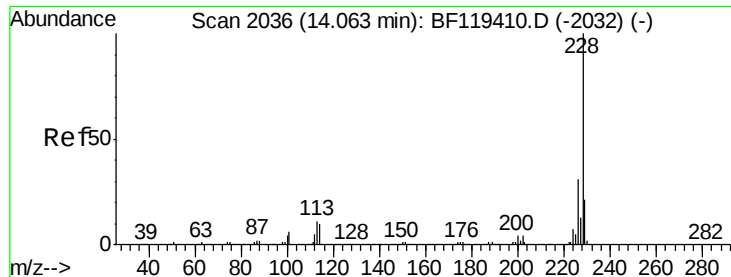
Delta R.T. -0.01 min

Lab File: BF119494.D

Acq: 24 Mar 2020 18:59

Tgt Ion:	252	Resp:	322553
Ion	Ratio	Lower	Upper
252	100		
254	63.7	49.8	74.8
126	9.6	8.9	13.3





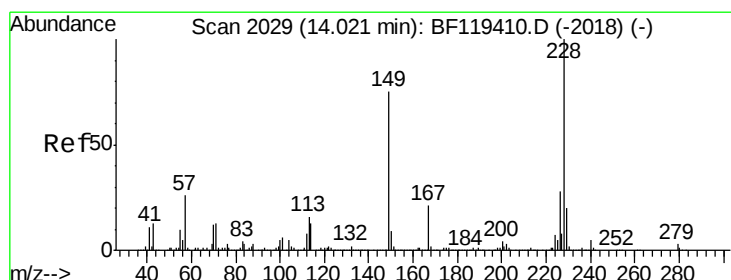
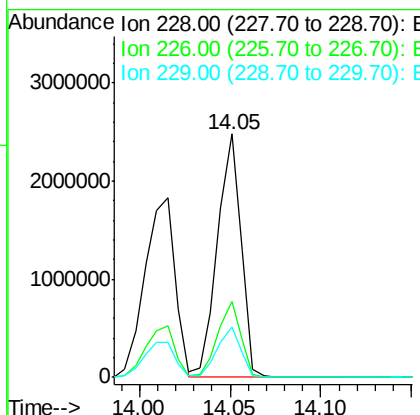
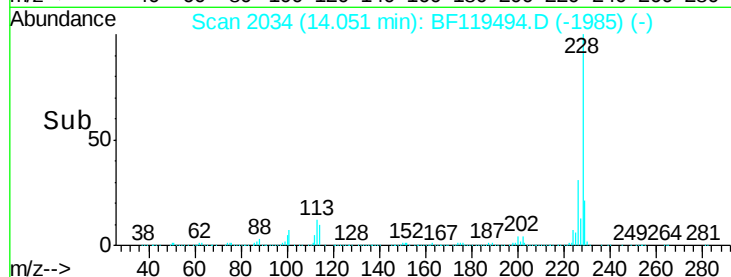
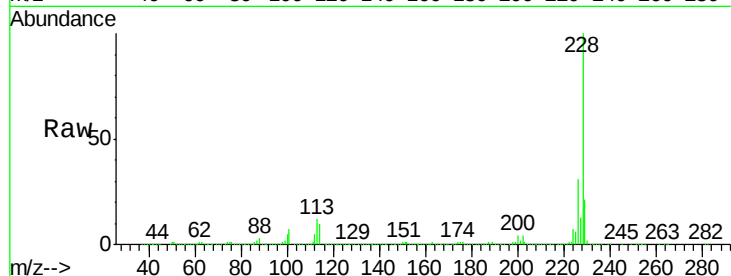
#83
 Chrvsene
 Concen: 42.839 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BF119494.D
 Acq: 24 Mar 2020 18:59

Instrument :
 BNA_F
 ClientSampleId :
 TRACKS-66-67MS

Tot Ion:228 Resp: 2247643
 Ion Ratio Lower Upper
 228 100
 226 31.4 24.8 37.2
 229 20.7 16.6 25.0

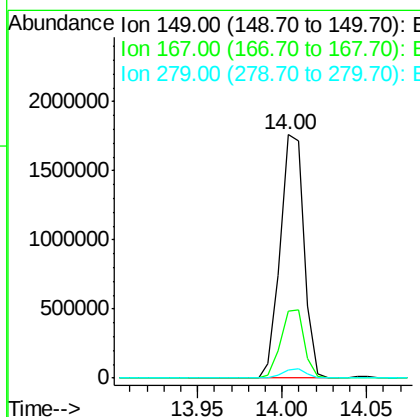
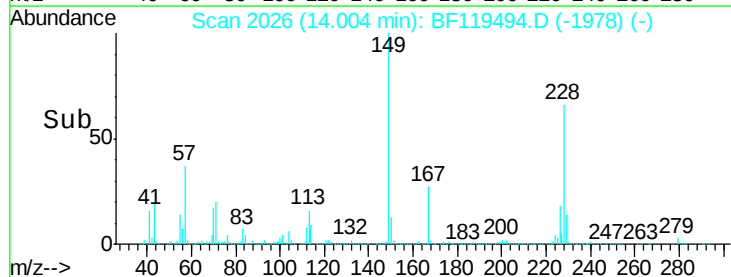
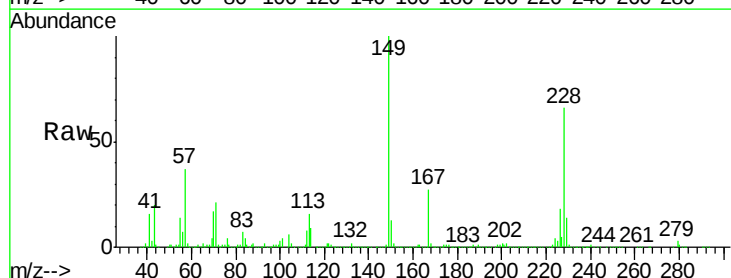
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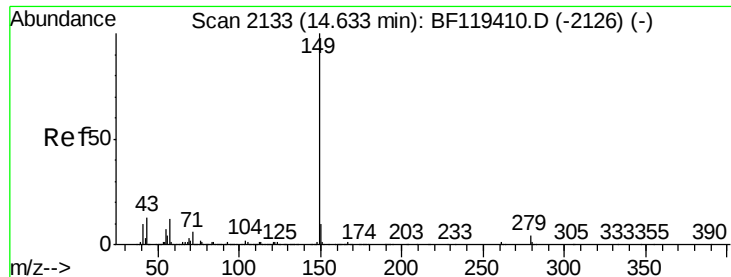
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 55.873 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.02 min
 Lab File: BF119494.D
 Acq: 24 Mar 2020 18:59

Tgt Ion:149 Resp: 1728411
 Ion Ratio Lower Upper
 149 100
 167 27.4 22.0 33.0
 279 3.4 3.2 4.8





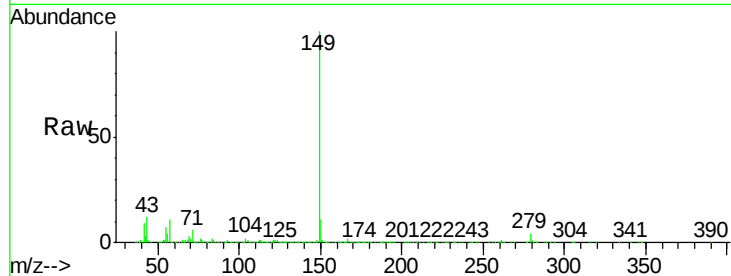
#85
Di-n-octyl phthalate
Concen: 53.167 ng
RT: 14.62 min Scan# 2131
Delta R.T. -0.01 min
Lab File: BF119494.D
Acq: 24 Mar 2020 18:59

Instrument :
BNA_F
ClientSampleId :
TRACKS-66-67MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.1	1.7
43	11.8	10.1	15.1

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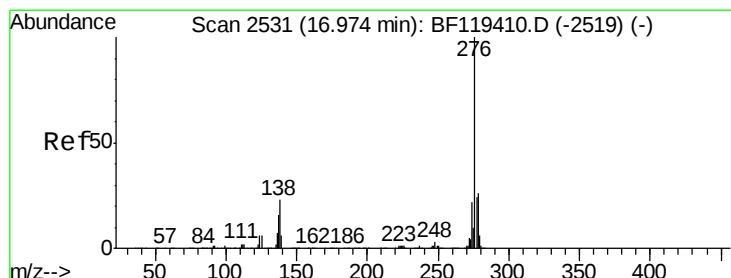
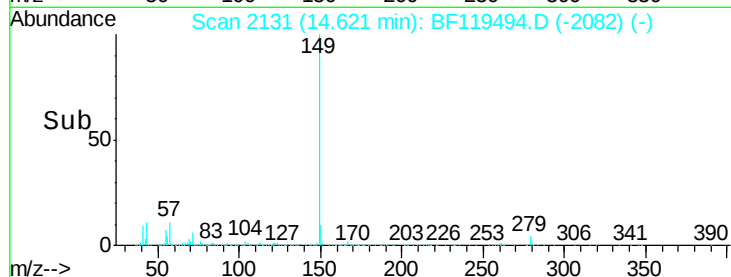
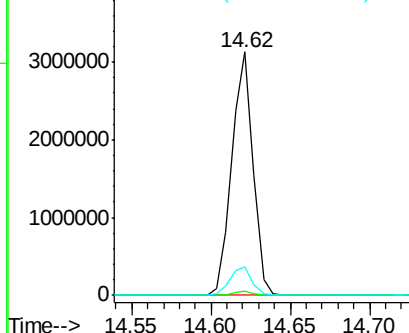


Abundance

Ion 149.00 (148.70 to 149.70): E

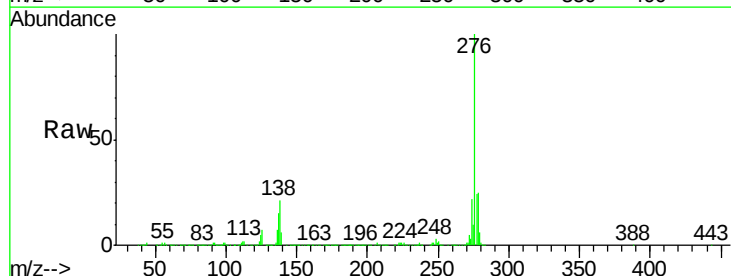
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86
Indeno(1,2,3-cd)pyrene
Concen: 41.039 ng
RT: 16.96 min Scan# 2528
Delta R.T. -0.02 min
Lab File: BF119494.D
Acq: 24 Mar 2020 18:59

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.2	21.3	31.9
277	24.9	20.2	30.2

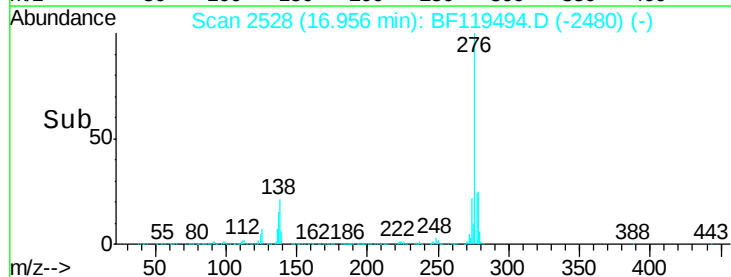
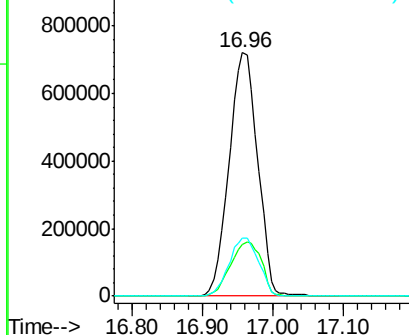


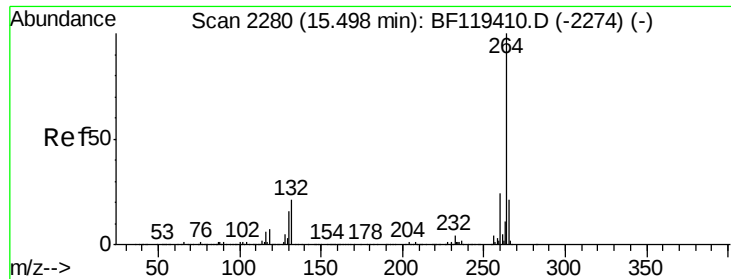
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





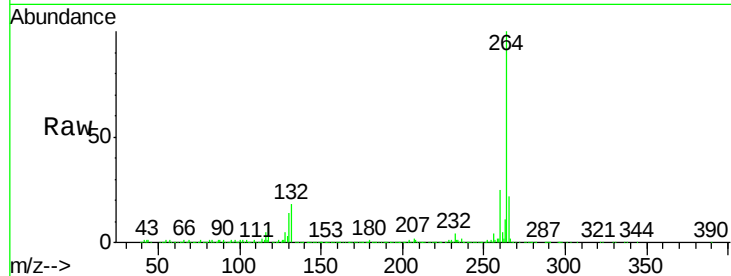
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF119494.D
Acq: 24 Mar 2020 18:59

Instrument :
BNA_F
ClientSampleId :
TRACKS-66-67MS

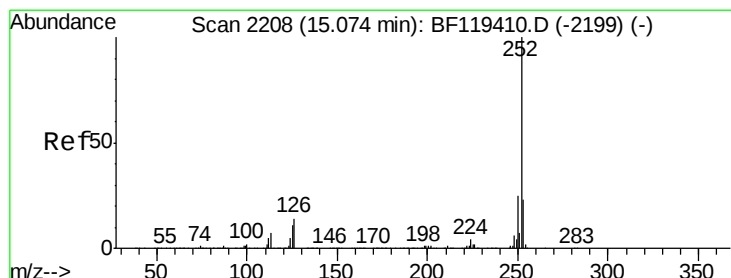
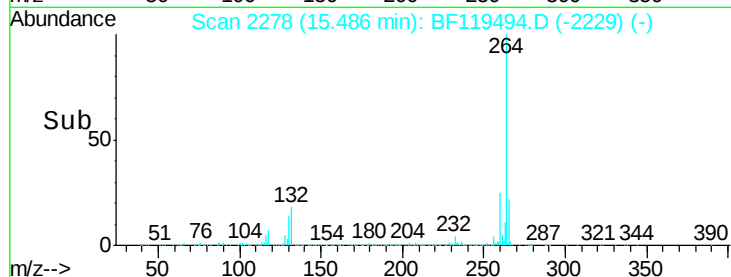
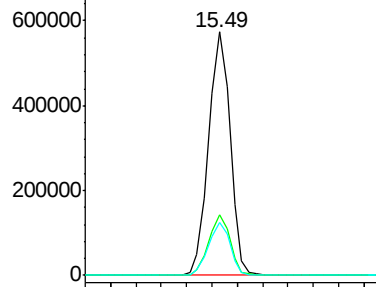
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	22.0	16.9	25.3

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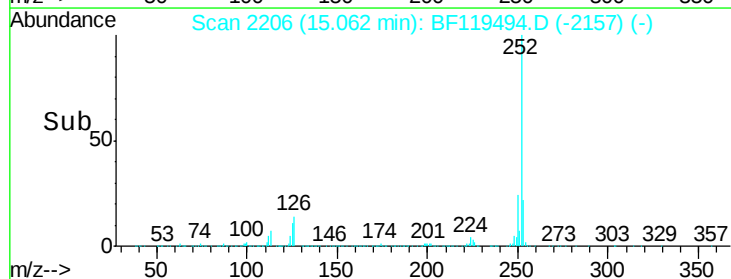
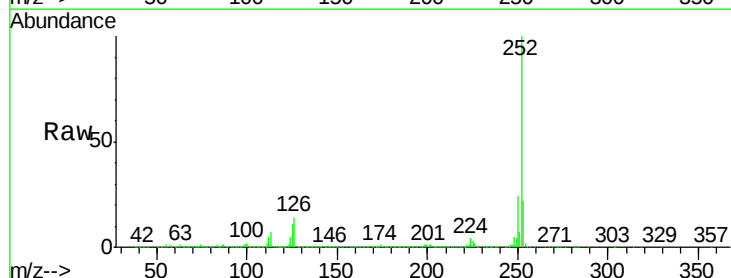
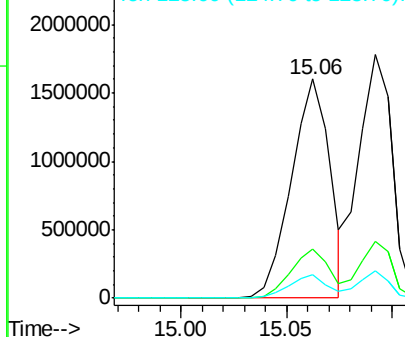
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

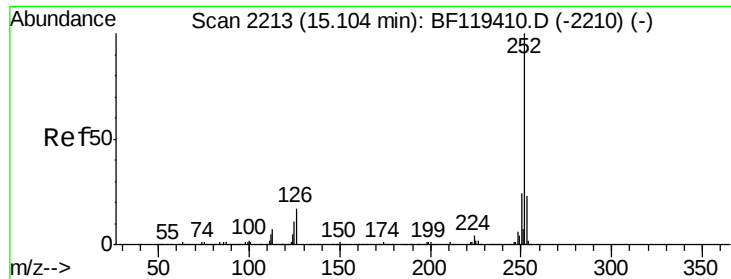


#88
Benzo(b)fluoranthene
Concen: 45.215 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF119494.D
Acq: 24 Mar 2020 18:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.4
125	10.7	8.8	13.2

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 45.650 ng

RT: 15.09 min Scan# 2211

Delta R.T. -0.01 min

Lab File: BF119494.D

Acq: 24 Mar 2020 18:59

Instrument :

BNA_F

ClientSampleId :

TRACKS-66-67MS

Tot Ion:252 Resp: 1954418

Ion Ratio Lower Upper

252 100

253 23.4 18.2 27.4

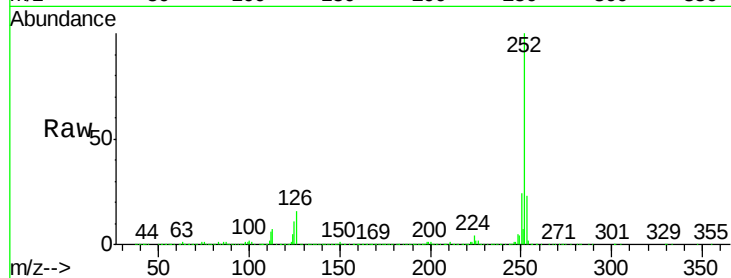
125 11.2 9.0 13.4

Manual Integrations

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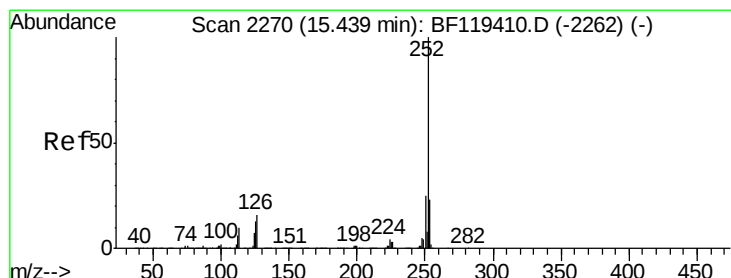
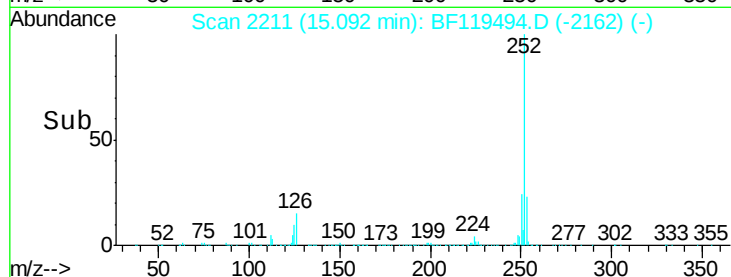
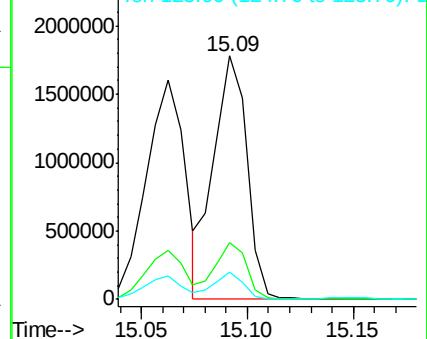
3/25/2020 12:29:36 PM



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 42.649 ng

RT: 15.43 min Scan# 2268

Delta R.T. -0.01 min

Lab File: BF119494.D

Acq: 24 Mar 2020 18:59

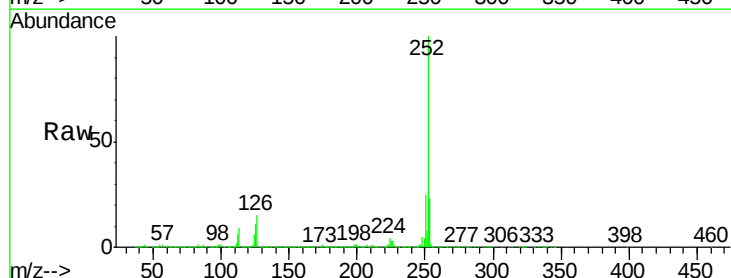
Tgt Ion:252 Resp: 1742669

Ion Ratio Lower Upper

252 100

253 22.5 18.2 27.4

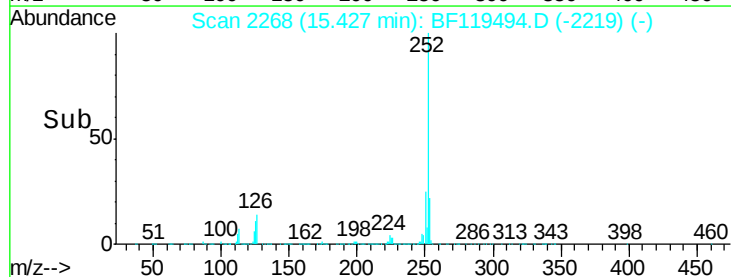
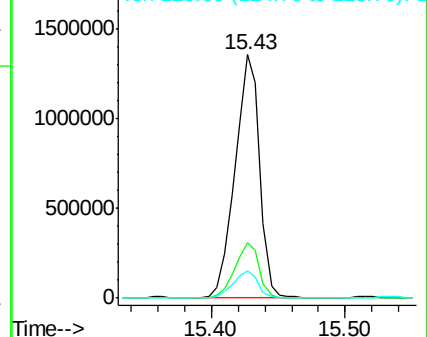
125 11.4 10.2 15.2

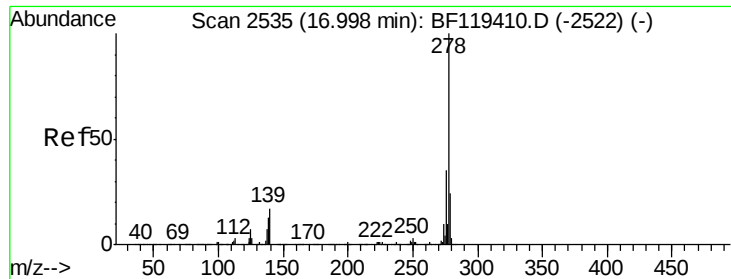


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





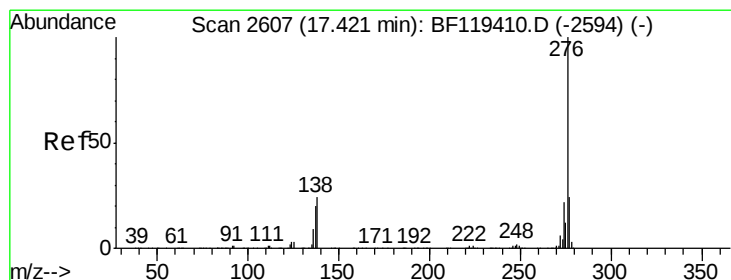
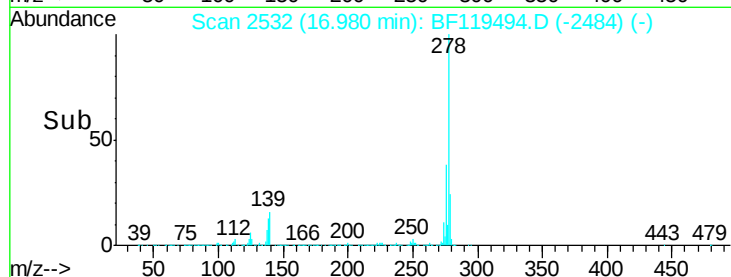
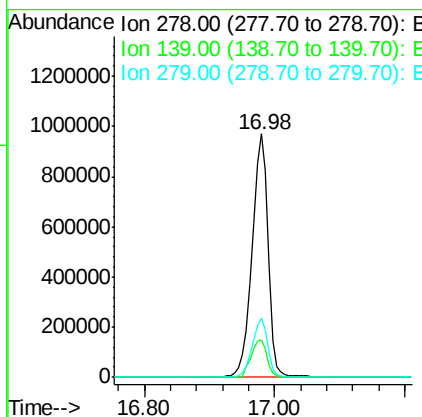
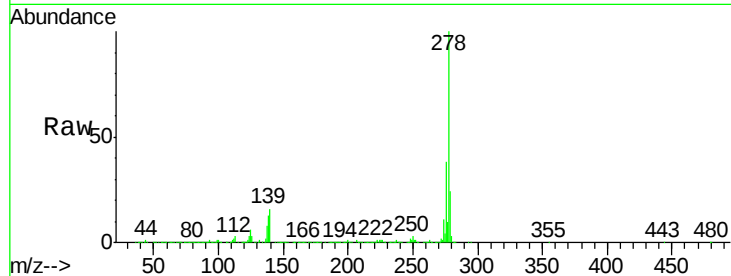
#91
Dibenzo(a,h)anthracene
Concen: 46.484 ng
RT: 16.98 min Scan# 2532
Delta R.T. -0.02 min
Lab File: BF119494.D
Acq: 24 Mar 2020 18:59

Instrument :
BNA_F
ClientSampleId :
TRACKS-66-67MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.7	13.7	20.5
279	24.3	19.2	28.8

Manual Integrations
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3/25/2020 12:29:36 PM



#92
Benzo(g,h,i)perylene
Concen: 46.572 ng
RT: 17.40 min Scan# 2604
Delta R.T. -0.02 min
Lab File: BF119494.D
Acq: 24 Mar 2020 18:59

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.8	28.2
138	21.5	19.1	28.7

