

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032420\
 Data File : BF119495.D
 Acq On : 24 Mar 2020 19:34
 Operator : CG/JU
 Sample : L2009-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TRACKS-66-67MSD

Manual Integrations
 APPROVED

mohammad
 3/25/2020 12:29:39 PM

Quant Time: Mar 25 00:23:31 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	313464	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	1205737	20.00	ng	-0.01
39) Acenaphthene-d10	9.89	164	623533	20.00	ng	-0.01
64) Phenanthrene-d10	11.38	188	1207748	20.00	ng	-0.01
76) Chrysene-d12	14.02	240	804606	20.00	ng	-0.01
87) Perylene-d12	15.49	264	704707	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	2193434	111.39	ng	0.00
7) Phenol-d6	6.47	99	2879085	114.46	ng	0.00
23) Nitrobenzene-d5	7.41	82	1831377	82.55	ng	-0.01
42) 2,4,6-Tribromophenol	10.69	330	831063	129.19	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	3349619	79.58	ng	-0.01
79) Terphenyl-d14	12.97	244	3681756	89.65	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.67	88	381636	39.242	ng	98
3) Pyridine	3.41	79	1042867	38.924	ng	97
4) n-Nitrosodimethylamine	3.36	42	571956	43.775	ng	98
6) Aniline	6.50	93	598315	17.234	ng	100
8) 2-Chlorophenol	6.63	128	1072851	51.876	ng	99
9) Benzaldehyde	6.39	77	689423	43.205	ng	99
10) Phenol	6.49	94	1306148	48.664	ng	99
11) bis(2-Chloroethyl)ether	6.58	93	1000808	46.622	ng	97
12) 1,3-Dichlorobenzene	6.79	146	1065297	47.593	ng	98
13) 1,4-Dichlorobenzene	6.86	146	1078038	48.150	ng	99
14) 1,2-Dichlorobenzene	7.02	146	1006967	48.118	ng	98
15) Benzyl Alcohol	6.99	79	903702	47.761	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1953427	45.115	ng	98
17) 2-Methylphenol	7.10	107	862060	45.494	ng	99
18) Hexachloroethane	7.36	117	411196	50.116	ng	95
19) n-Nitroso-di-n-propylamine	7.26	70	730000	48.148	ng	98
20) 3+4-Methylphenols	7.25	107	1030307	44.367	ng	# 83
22) Acetophenone	7.26	105	1363567	47.329	ng	94
24) Nitrobenzene	7.43	77	1107184	46.698	ng	99
25) Isophorone	7.67	82	2070342	46.003	ng	98
26) 2-Nitrophenol	7.75	139	558186	59.793	ng	100
27) 2,4-Dimethylphenol	7.78	122	939089	48.650	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	1280911	48.132	ng	99
29) 2,4-Dichlorophenol	7.99	162	868292	48.955	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	937128	47.776	ng	97
31) Naphthalene	8.16	128	2924995	47.140	ng	100
32) Benzoic acid	7.92	122	734833	59.180	ng	98
33) 4-Chloroaniline	8.20	127	186371	6.555	ng	97
34) Hexachlorobutadiene	8.27	225	536529	48.888	ng	98
35) Caprolactam	8.57	113	281414m	48.480	ng	
36) 4-Chloro-3-methylphenol	8.69	107	949189	48.965	ng	98
37) 2-Methylnaphthalene	8.85	142	2017573	49.545	ng	99
38) 1-Methylnaphthalene	8.95	142	1881364	48.811	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	851918	46.613	ng	98

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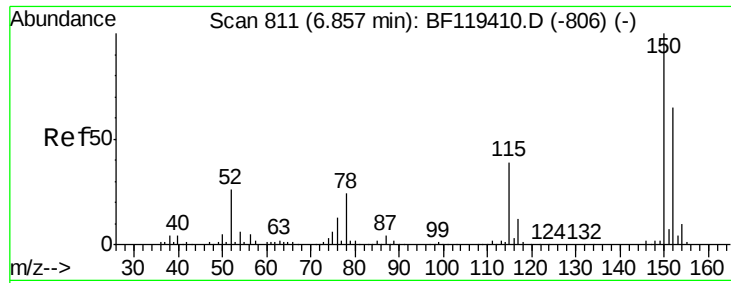
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Quant Time: Mar 25 00:23:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 18 15:11:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	1007698	96.985	nq	99
43) 2,4,6-Trichlorophenol	9.12	196	647206	49.485	nq	100
44) 2,4,5-Trichlorophenol	9.16	196	667400	45.552	nq	98
46) 1,1'-Biphenyl	9.32	154	2375316	46.773	nq	99
47) 2-Chloronaphthalene	9.34	162	1847438	46.442	nq	98
48) 2-Nitroaniline	9.43	65	678471	49.414	nq	98
49) Acenaphthylene	9.76	152	2876250	46.043	nq	99
50) Dimethylphthalate	9.62	163	2377453	53.679	nq	99
51) 2,6-Dinitrotoluene	9.67	165	494977	52.140	nq	97
52) Acenaphthene	9.93	154	1984624	50.962	nq	99
53) 3-Nitroaniline	9.84	138	179626	14.987	nq	94
54) 2,4-Dinitrophenol	9.95	184	463211	109.786	nq	# 85
55) Dibenzofuran	10.10	168	2585366	46.304	nq	97
56) 4-Nitrophenol	10.00	139	897443	94.921	nq	89
57) 2,4-Dinitrotoluene	10.08	165	656752	54.917	nq	92
58) Fluorene	10.45	166	1960976	47.494	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.22	232	571490	52.183	nq	98
60) Diethylphthalate	10.32	149	2240638	49.846	nq	99
61) 4-Chlorophenyl-phenylether	10.43	204	967037	47.894	nq	99
62) 4-Nitroaniline	10.46	138	473206	41.174	nq	98
63) Azobenzene	10.60	77	2114252	46.706	nq	94
65) 4,6-Dinitro-2-methylphenol	10.49	198	307439	60.706	nq	93
66) n-Nitrosodiphenylamine	10.56	169	1844985	46.534	nq	99
67) 4-Bromophenyl-phenylether	10.93	248	639337	46.481	nq	93
68) Hexachlorobenzene	10.99	284	682067	48.450	nq	94
69) Atrazine	11.08	200	554258	50.991	nq	99
70) Pentachlorophenol	11.19	266	784803	95.076	nq	98
71) Phenanthrene	11.40	178	2847681	45.472	nq	98
72) Anthracene	11.46	178	2946865	46.299	nq	99
73) Carbazole	11.61	167	2738508	43.469	nq	98
74) Di-n-butylphthalate	11.95	149	3430515	50.904	nq	97
75) Fluoranthene	12.59	202	3093209	45.639	nq	99
77) Benzidine	12.71	184	1075644	31.589	nq	99
78) Pyrene	12.82	202	3105184	47.025	nq	99
80) Butylbenzylphthalate	13.44	149	1533955	57.435	nq	100
81) Benzo(a)anthracene	14.02	228	2328080	44.495	nq	99
82) 3,3'-Dichlorobenzidine	13.97	252	406705	19.714	nq	96
83) Chrysene	14.05	228	2420386	44.823	nq	98
84) Bis(2-ethylhexyl)phthalate	14.00	149	1964102	61.691	nq	99
85) Di-n-octyl phthalate	14.62	149	3316368	59.228	nq	98
86) Indeno(1,2,3-cd)pyrene	16.96	276	2290942	45.047	nq	98
88) Benzo(b)fluoranthene	15.06	252	2241564	47.618	nq	99
89) Benzo(k)fluoranthene	15.09	252	2157114	48.124	nq	99
90) Benzo(a)pyrene	15.43	252	1975264	46.172	nq	98
91) Dibenzo(a,h)anthracene	16.98	278	1910653	51.062	nq	98
92) Benzo(g,h,i)perylene	17.41	276	1930970	51.367	nq	96

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



#1

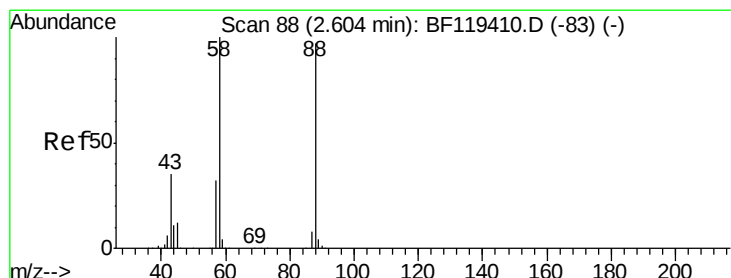
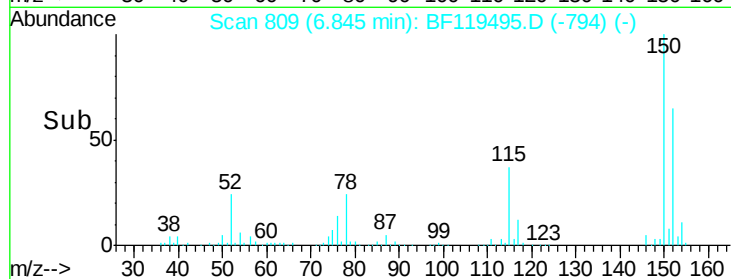
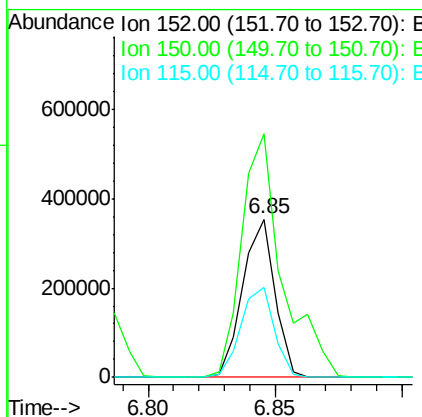
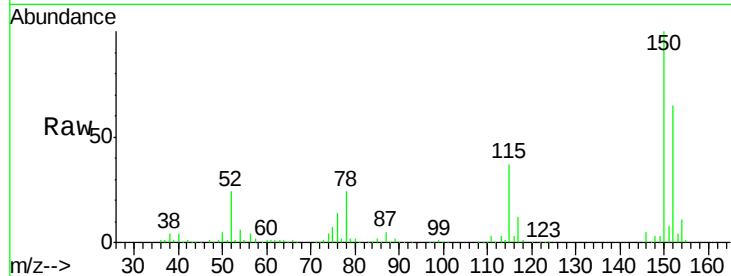
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF119495.D
Acq: 24 Mar 2020 19:34

Instrument :
BNA_F
ClientSampleId :
TRACKS-66-67MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	123.9	185.9
115	56.8	47.8	71.6

Manual Integrations
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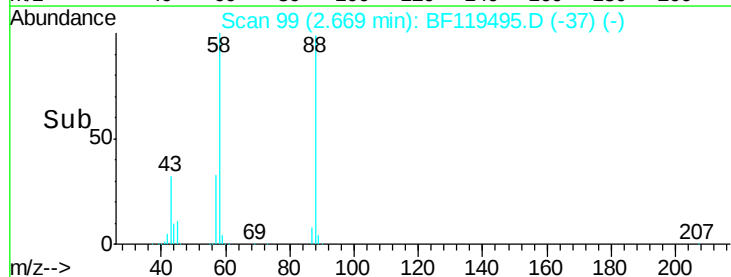
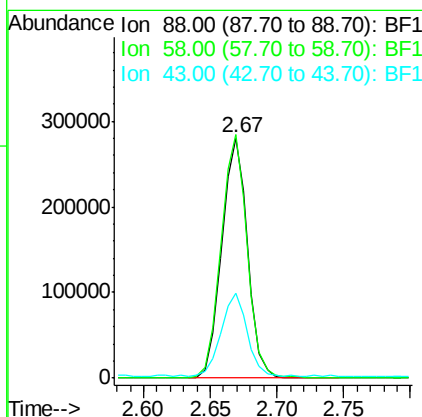
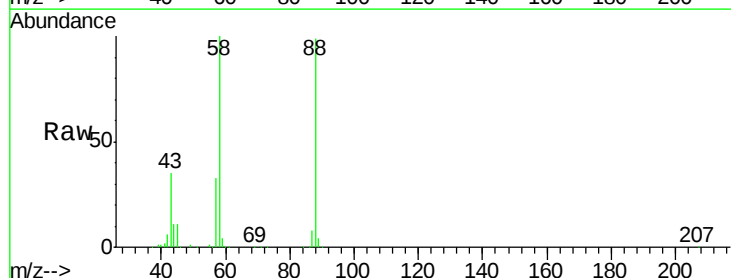
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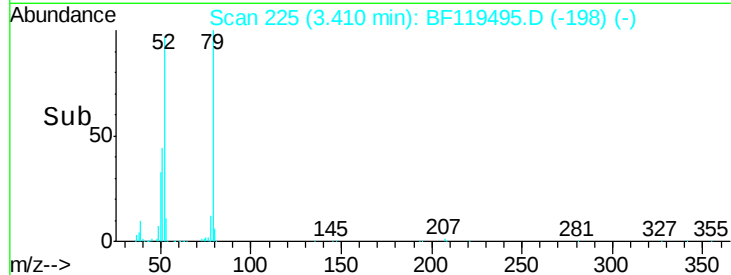
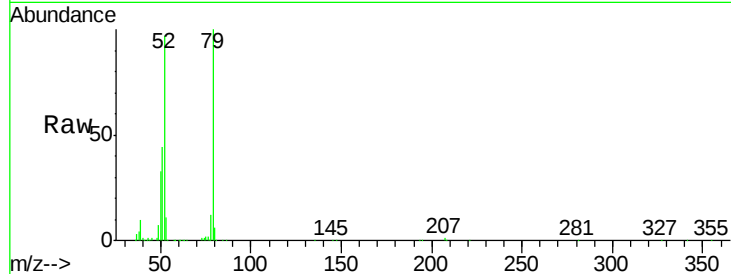
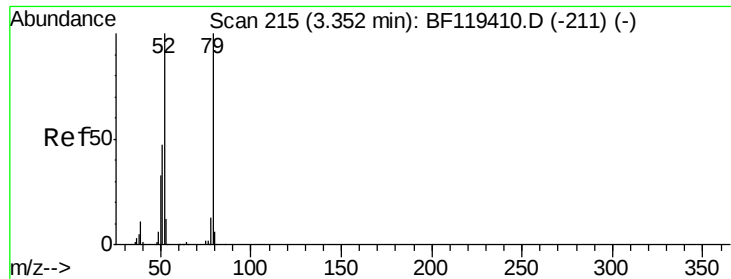


#2

1,4-Dioxane
Concen: 39.242 ng
RT: 2.67 min Scan# 99
Delta R.T. 0.06 min
Lab File: BF119495.D
Acq: 24 Mar 2020 19:34

Tgt Ion	Ratio	Lower	Upper
88	100		
58	101.5	79.4	119.2
43	34.3	28.4	42.6





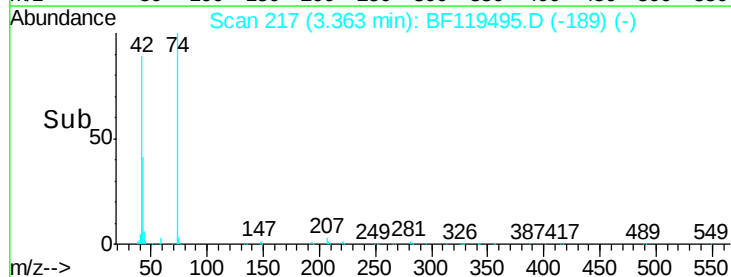
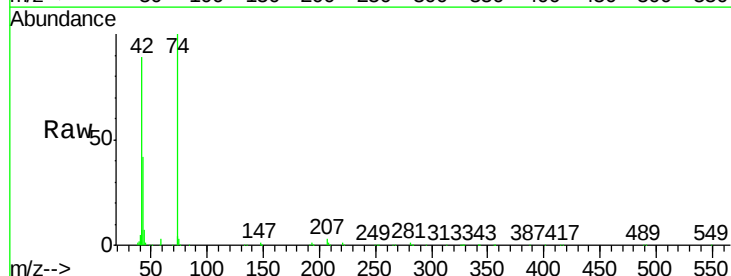
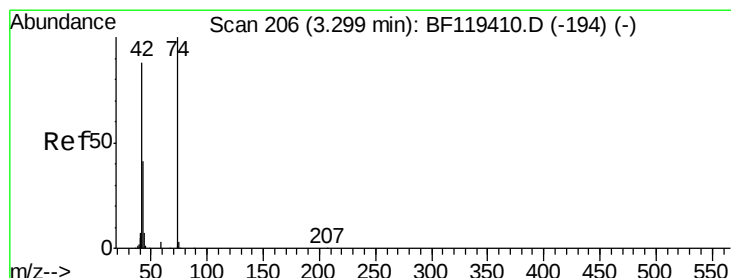
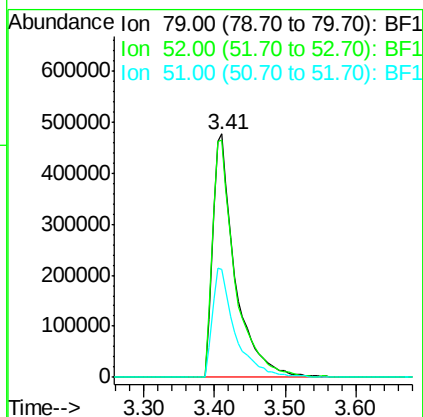
#3
Pvridine
Concen: 38.924 ng
RT: 3.41 min Scan# 225
Delta R.T. 0.06 min
Lab File: BF119495.D
Acq: 24 Mar 2020 19:34

Tot Ion	Ion	Ratio	Lower	Upper
79	100			
52	97.5	80.0	120.0	
51	44.4	37.9	56.9	

Instrument :
BNA_F
ClientSampleId :
TRACKS-66-67MSD

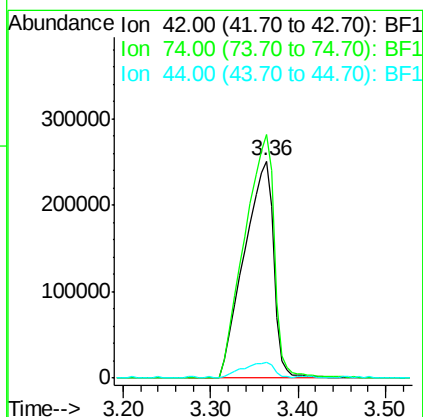
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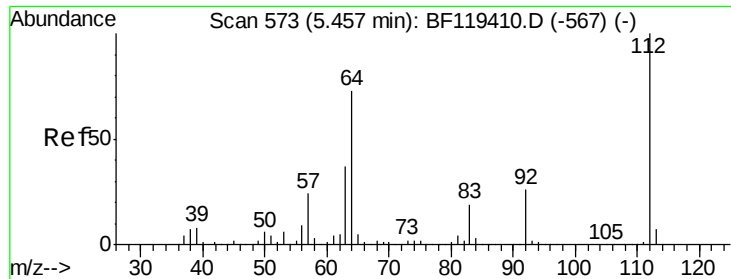
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#4
n-Nitrosodimethylamine
Concen: 43.775 ng
RT: 3.36 min Scan# 217
Delta R.T. 0.06 min
Lab File: BF119495.D
Acq: 24 Mar 2020 19:34

Tgt Ion	Ion	Ratio	Lower	Upper
42	100			
74	112.2	91.3	136.9	
44	7.4	7.1	10.7	





#5

2-Fluorophenol

Concen: 111.392 ng

RT: 5.46 min Scan# 574

Delta R.T. 0.01 min

Lab File: BF119495.D

Acq: 24 Mar 2020 19:34

Instrument :

BNA_F

ClientSampleId :

TRACKS-66-67MSD

Tot Ion: 112 Resp: 2193434

Ion Ratio Lower Upper

112 100

64 72.5 58.1 87.1

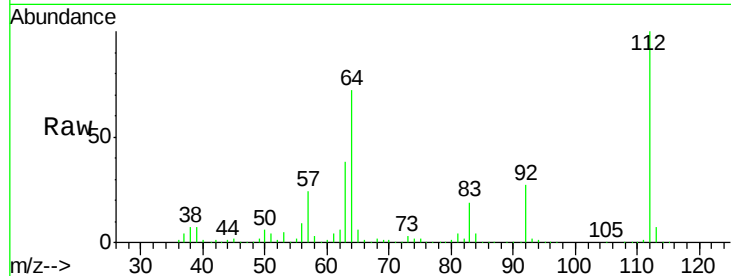
63 38.0 29.7 44.5

Manual Integrations

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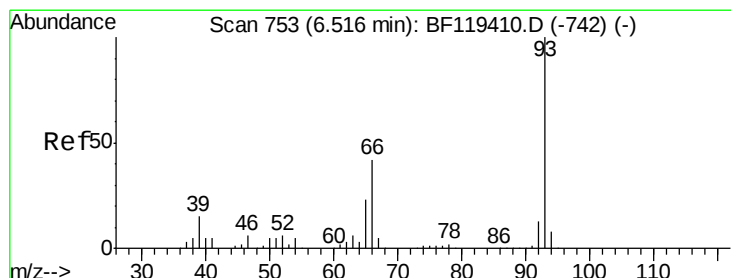
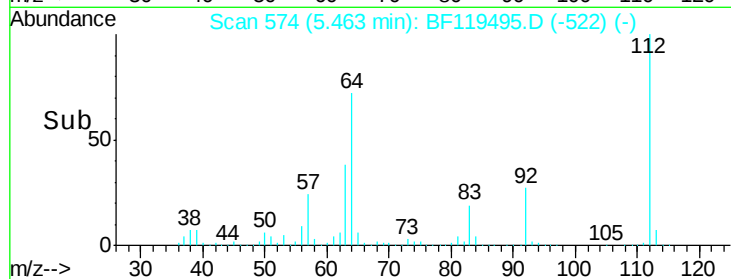
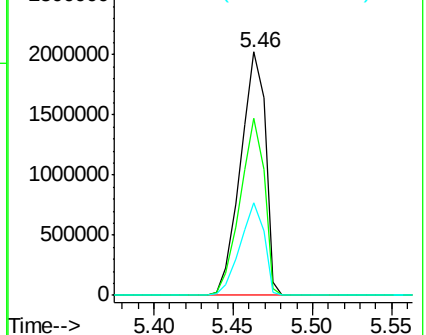
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 17.234 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF119495.D

Acq: 24 Mar 2020 19:34

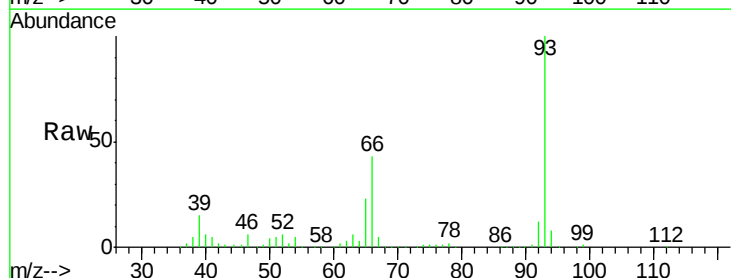
Tgt Ion: 93 Resp: 598315

Ion Ratio Lower Upper

93 100

66 42.7 34.2 51.4

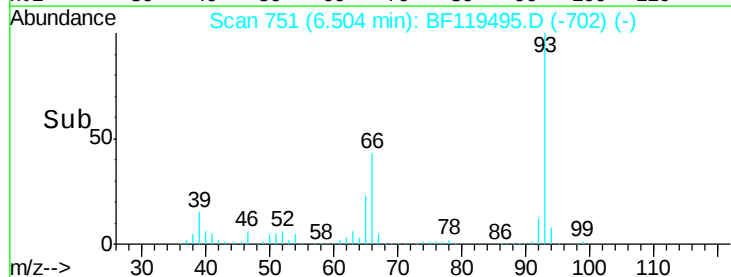
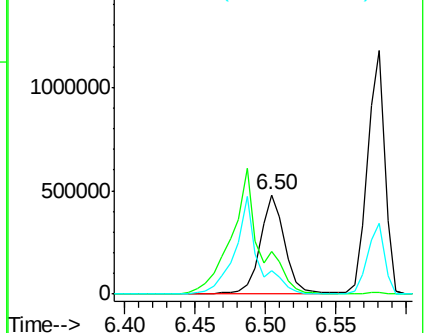
65 23.0 18.2 27.4

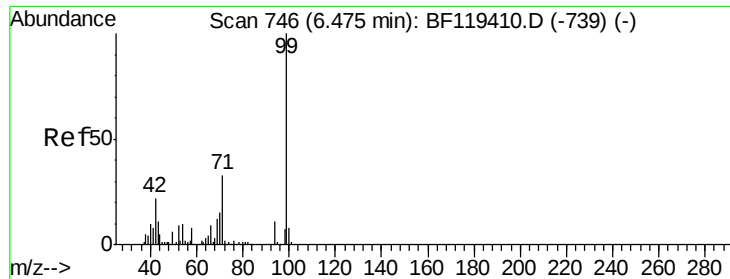


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 114.458 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF119495.D

Acq: 24 Mar 2020 19:34

Instrument :

BNA_F

ClientSampleId :

TRACKS-66-67MSD

Tot Ion: 99 Resp: 2879085

Ion Ratio Lower Upper

99 100

42 21.2 17.8 26.6

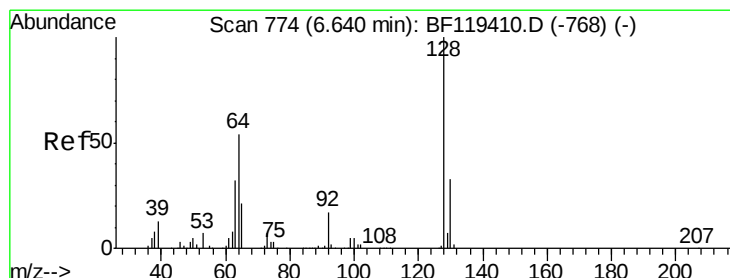
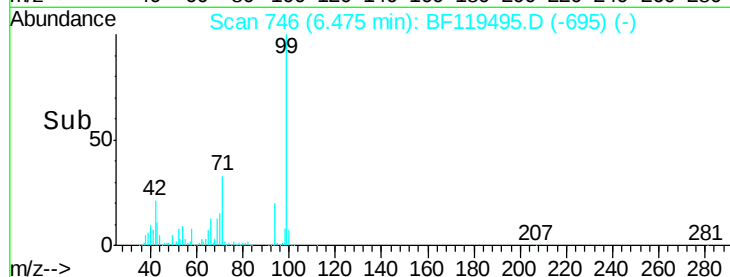
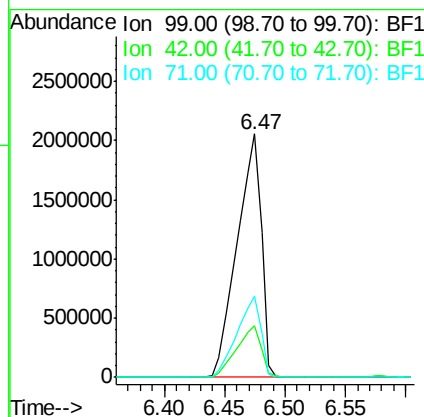
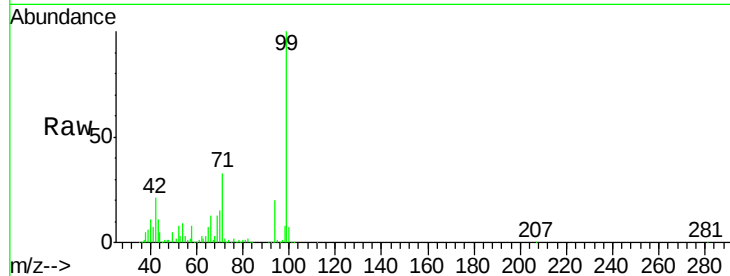
71 33.5 26.0 39.0

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#8

2-Chlorophenol

Concen: 51.876 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF119495.D

Acq: 24 Mar 2020 19:34

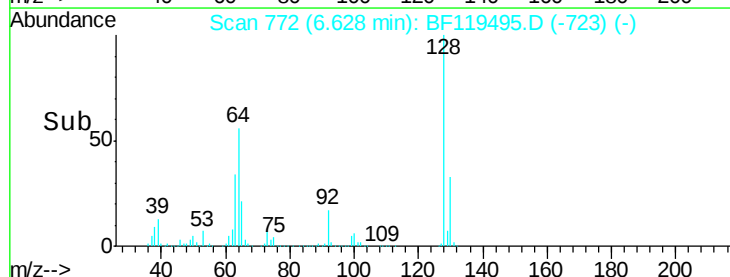
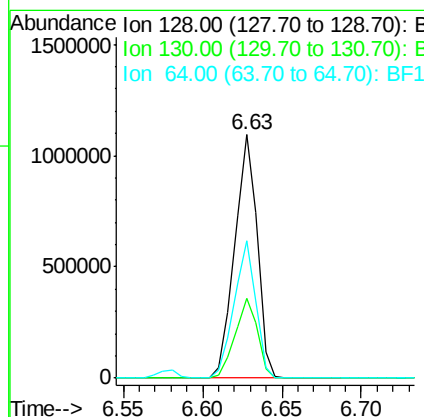
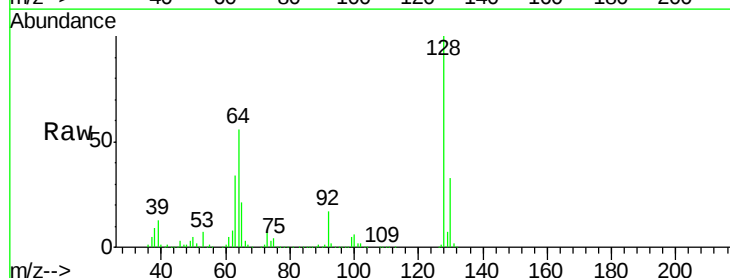
Tgt Ion: 128 Resp: 1072851

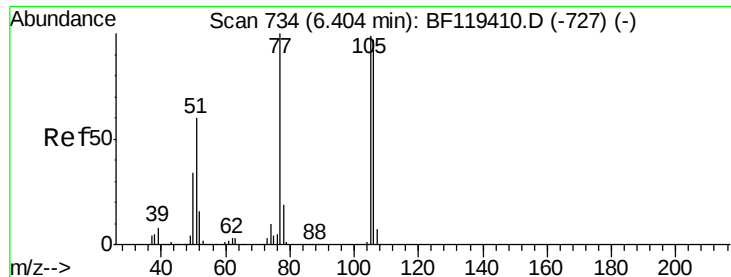
Ion Ratio Lower Upper

128 100

130 32.8 13.0 53.0

64 56.4 35.1 75.1





#9

Benzaldehyde

Concen: 43.205 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF119495.D

Acq: 24 Mar 2020 19:34

Instrument :

BNA_F

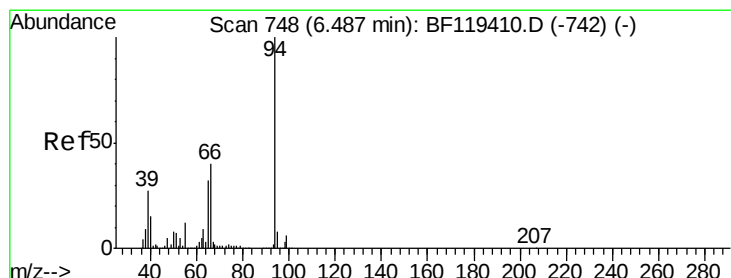
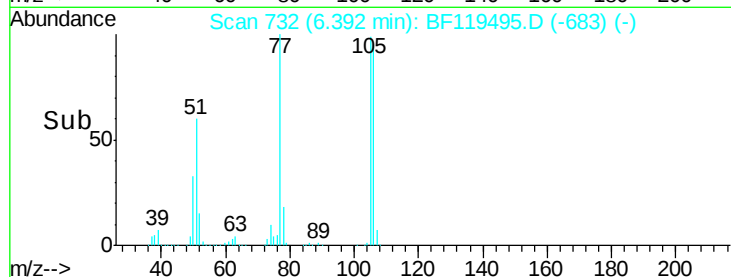
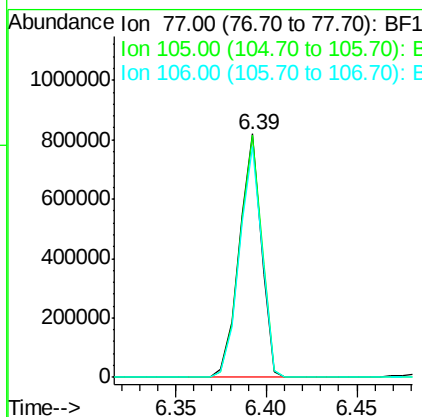
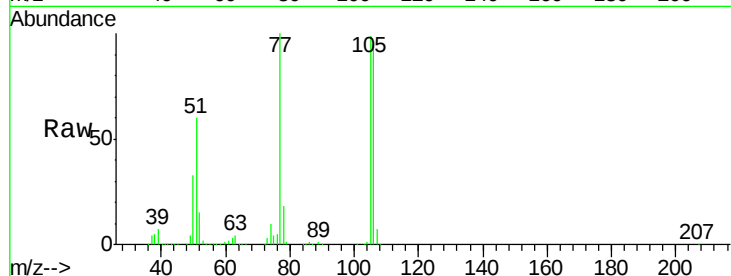
ClientSampleId :

TRACKS-66-67MSD

Tot Ion:	77	Resp:	689423
Ion	Ratio	Lower	Upper
77	100		
105	99.3	78.6	118.6
106	94.7	76.5	116.5

Manual Integrations
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#10

Phenol

Concen: 48.664 ng

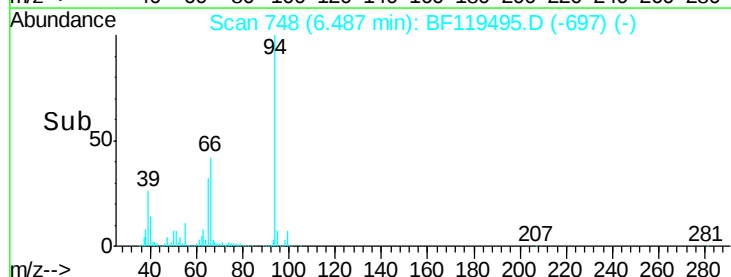
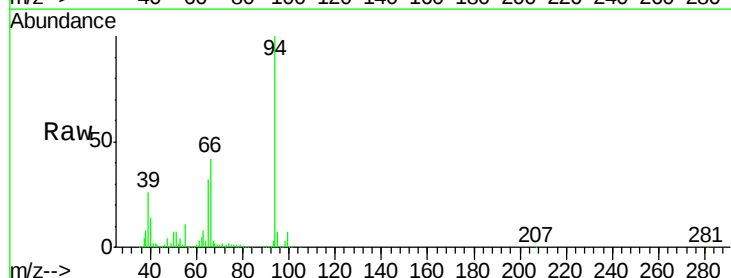
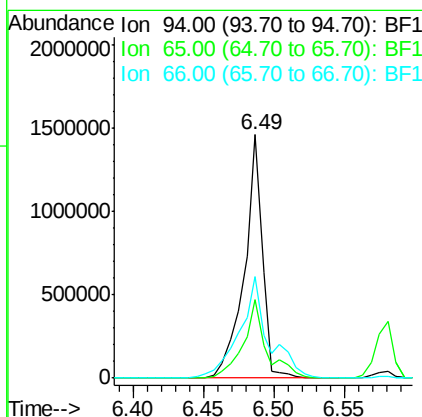
RT: 6.49 min Scan# 748

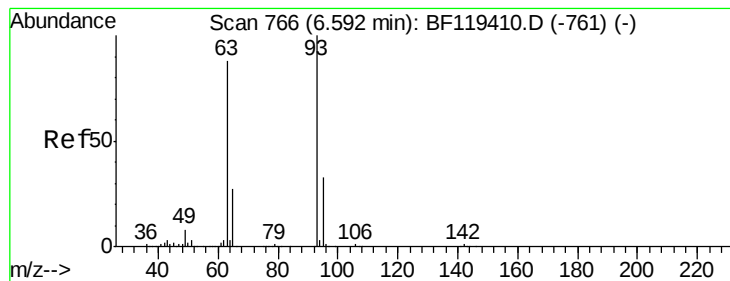
Delta R.T. 0.00 min

Lab File: BF119495.D

Acq: 24 Mar 2020 19:34

Tgt Ion:	94	Resp:	1306148
Ion	Ratio	Lower	Upper
94	100		
65	32.4	12.0	52.0
66	41.5	20.6	60.6





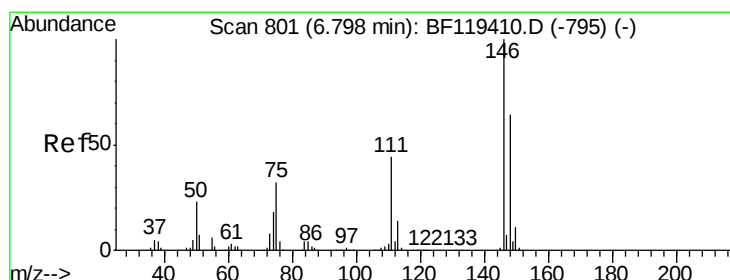
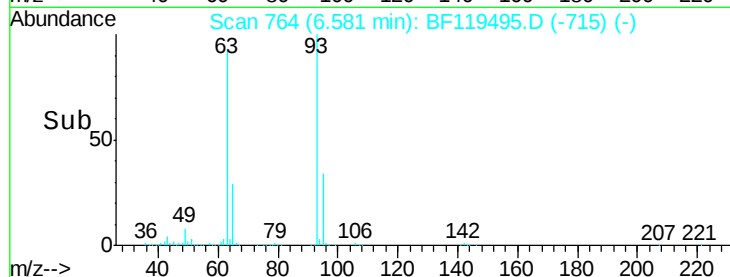
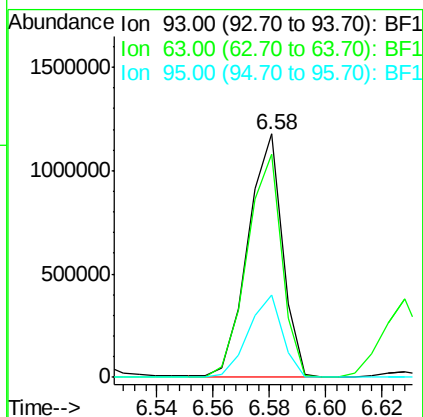
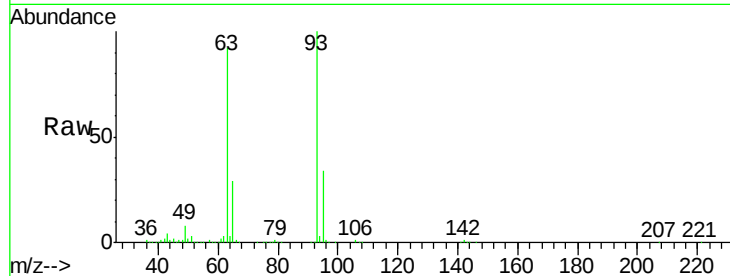
#11
bis(2-Chloroethyl)ether
Concen: 46.622 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF119495.D
Acq: 24 Mar 2020 19:34

Instrument :
BNA_F
ClientSampleId :
TRACKS-66-67MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	91.7	68.4	108.4
95	34.1	13.4	53.4

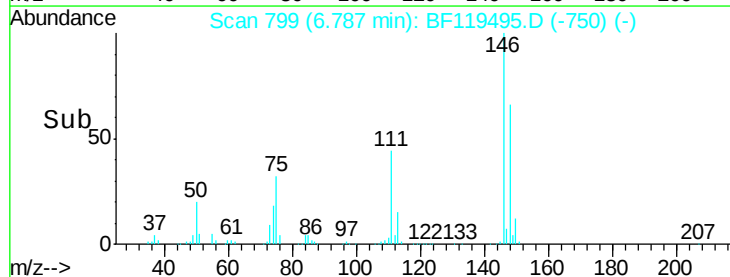
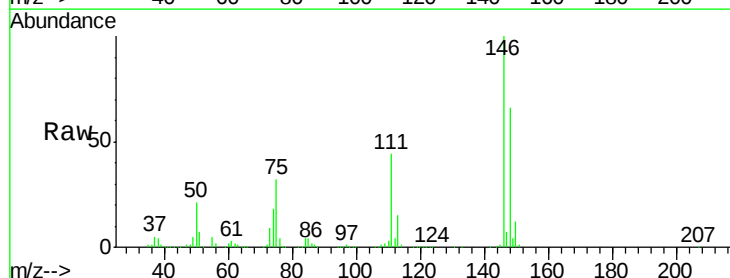
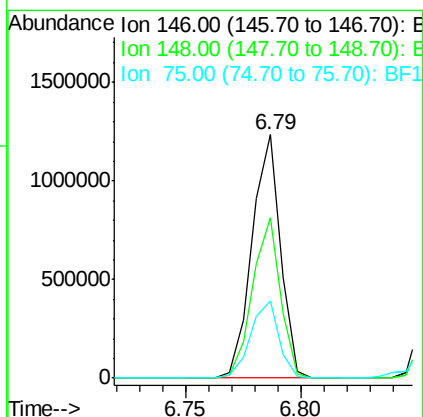
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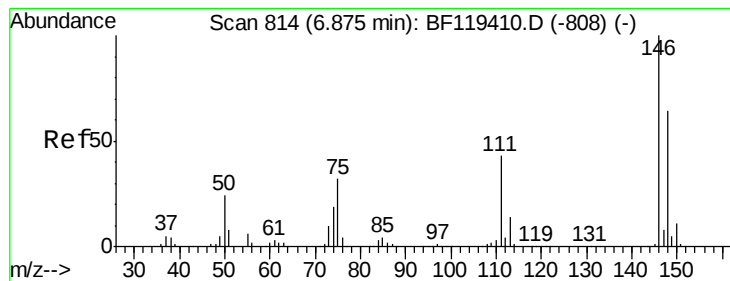
mohammad
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#12
1,3-Dichlorobenzene
Concen: 47.593 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF119495.D
Acq: 24 Mar 2020 19:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.9	51.4	77.0
75	31.8	25.8	38.8





#13

1,4-Dichlorobenzene

Concen: 48.150 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF119495.D

Acq: 24 Mar 2020 19:34

Instrument :

BNA_F

ClientSampleId :

TRACKS-66-67MSD

Tot Ion:146 Resp: 1078038

Ion Ratio Lower Upper

146 100

148 63.7 50.9 76.3

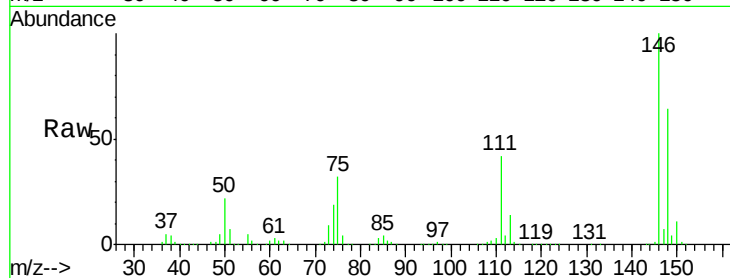
111 42.3 34.6 52.0

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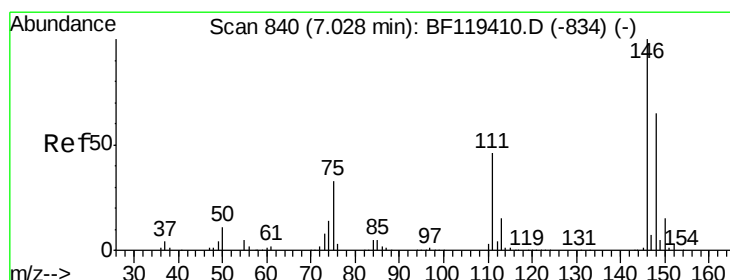
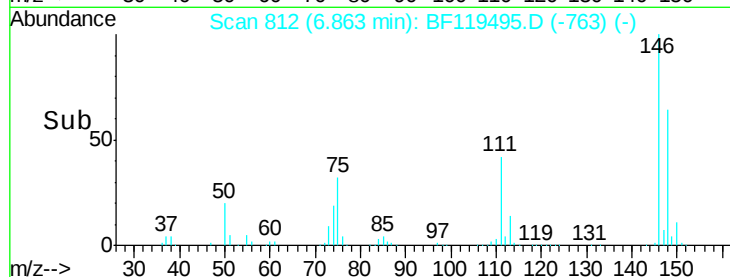
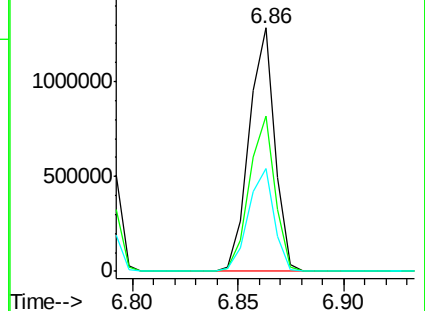
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Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 48.118 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF119495.D

Acq: 24 Mar 2020 19:34

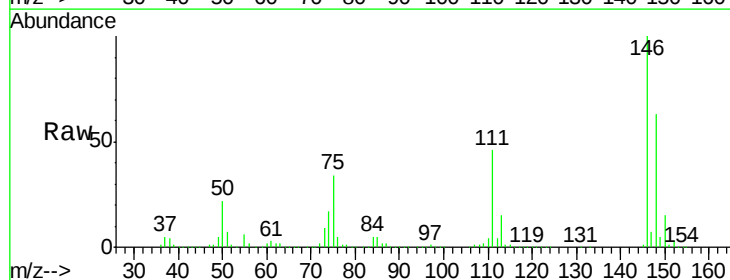
Tgt Ion:146 Resp: 1006967

Ion Ratio Lower Upper

146 100

148 63.2 51.7 77.5

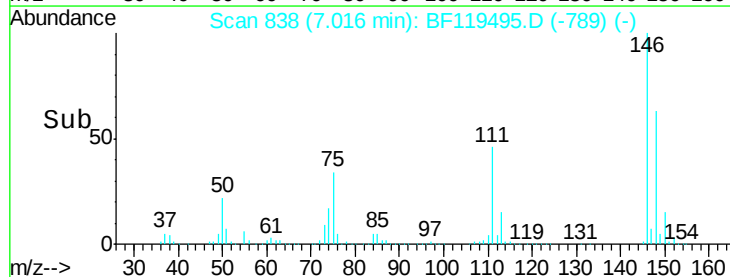
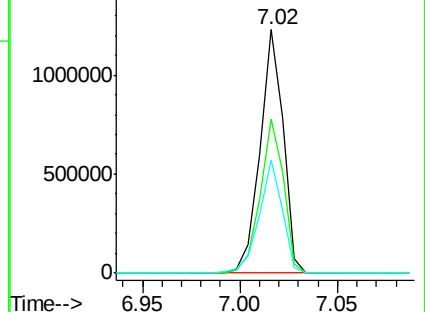
111 46.4 36.4 54.6

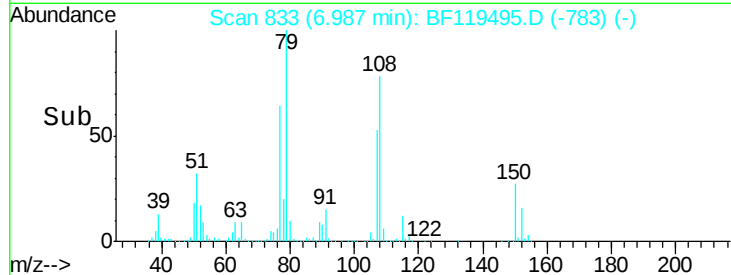
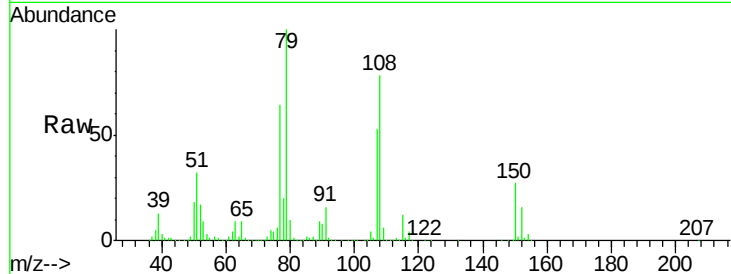
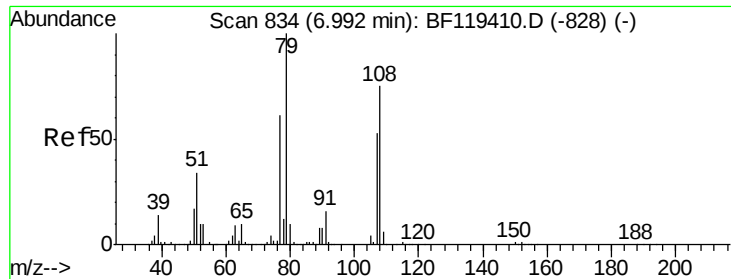


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 47.761 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF119495.D

Acq: 24 Mar 2020 19:34

Tot Ion:	79	Resp:	903702
Ion Ratio	Lower	Upper	
79	100		
108	78.2	60.4	90.6
77	63.7	49.0	73.4

Instrument :

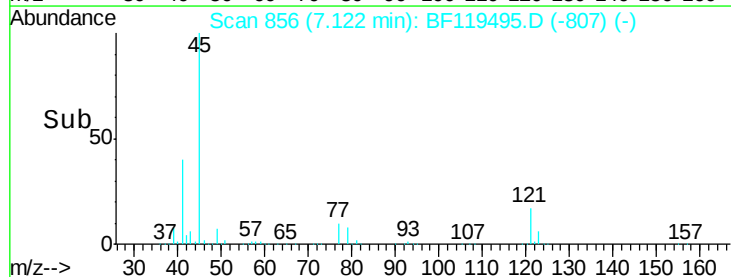
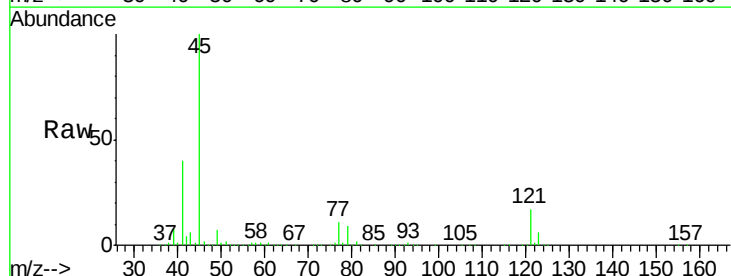
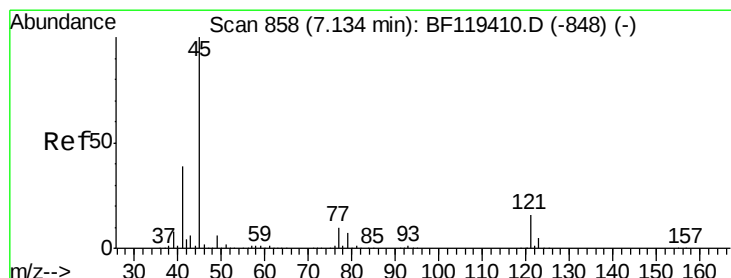
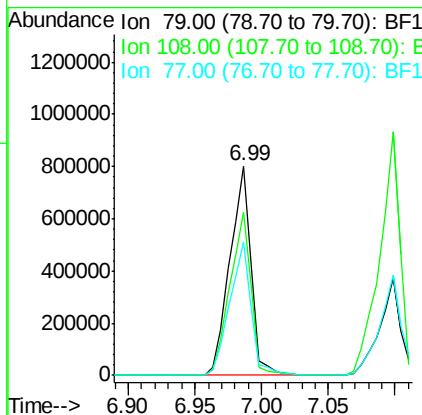
BNA_F

ClientSampleId :

TRACKS-66-67MSD

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.115 ng

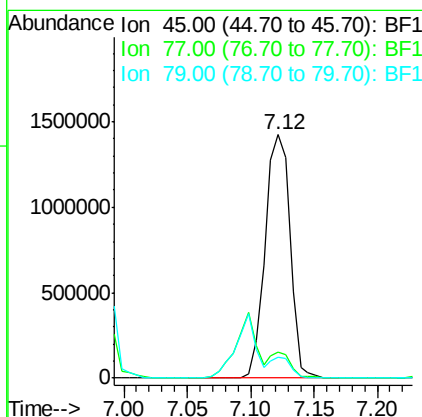
RT: 7.12 min Scan# 856

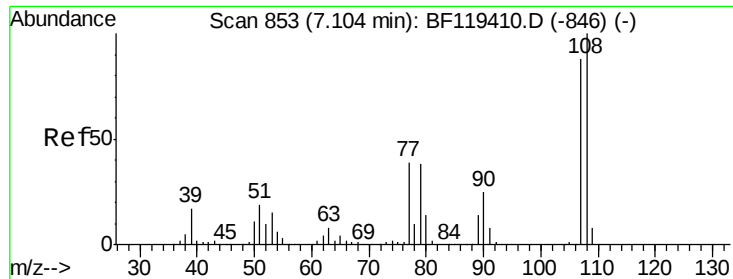
Delta R.T. -0.01 min

Lab File: BF119495.D

Acq: 24 Mar 2020 19:34

Tgt Ion:	45	Resp:	1953427
Ion Ratio	Lower	Upper	
45	100		
77	10.6	0.0	30.1
79	8.5	0.0	27.4





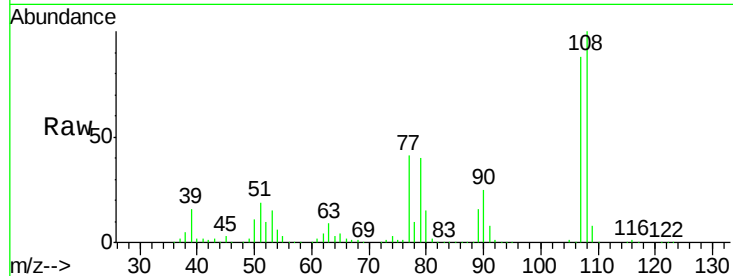
#17
2-Methylphenol
Concen: 45.494 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF119495.D
Acq: 24 Mar 2020 19:34

Instrument :
BNA_F
ClientSampleId :
TRACKS-66-67MSD

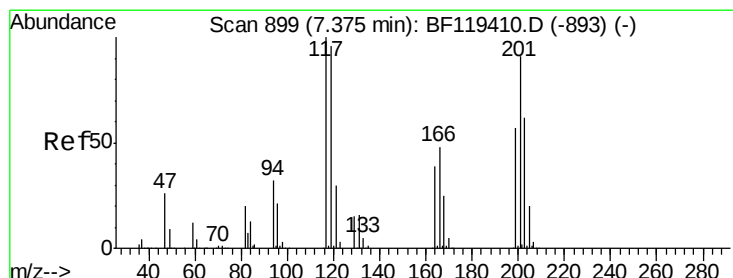
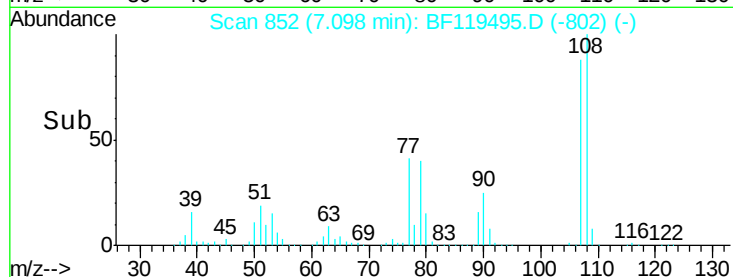
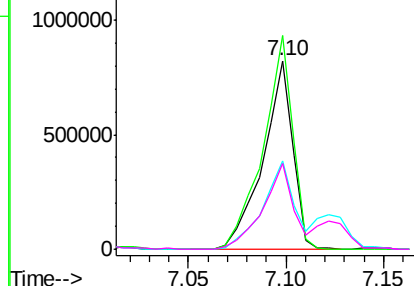
Tot Ion	Ratio	Lower	Upper
107	100		
108	113.1	90.7	136.1
77	46.5	35.6	53.4
79	45.3	34.7	52.1

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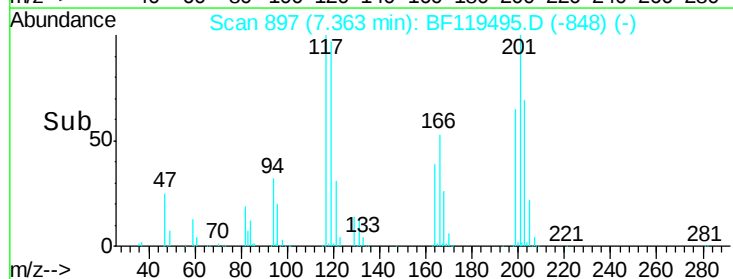
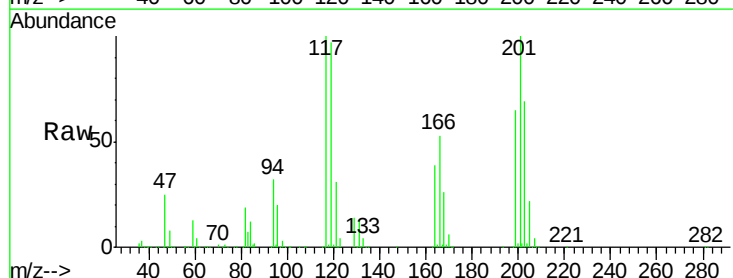
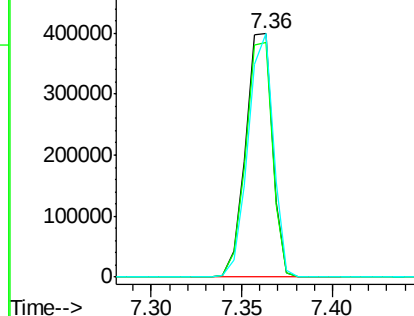
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

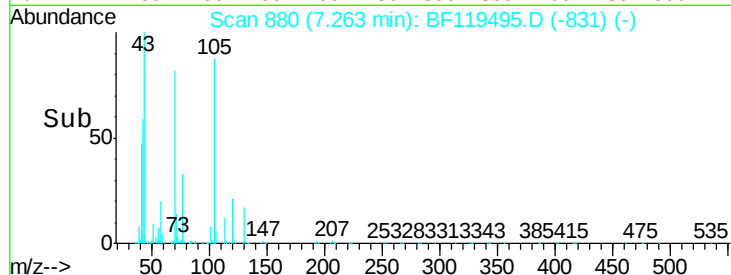
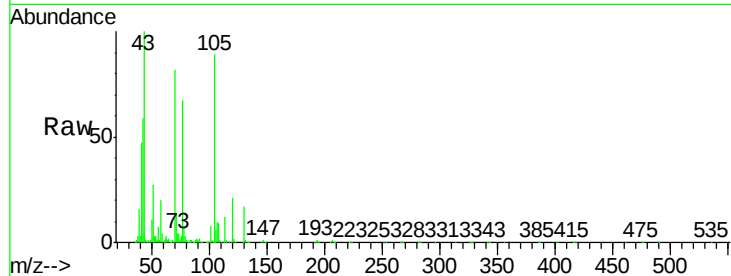
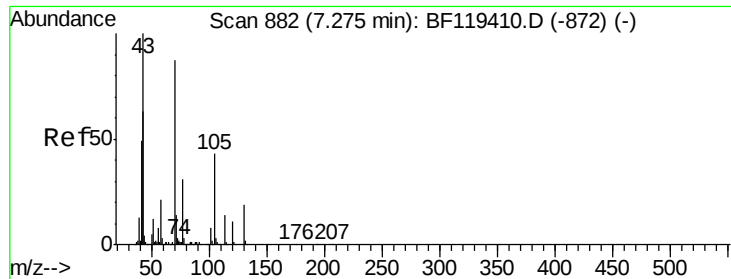


#18
Hexachloroethane
Concen: 50.116 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF119495.D
Acq: 24 Mar 2020 19:34

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.6	76.8	115.2
201	100.0	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





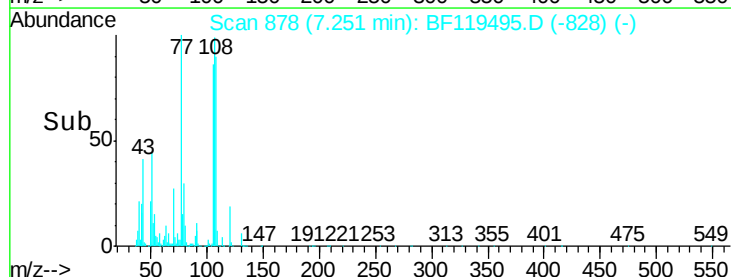
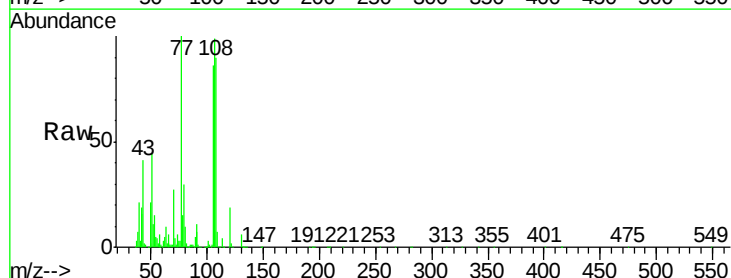
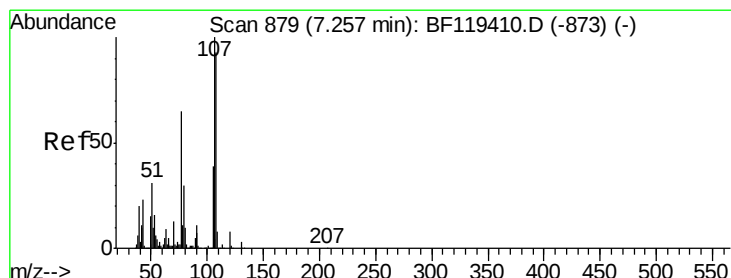
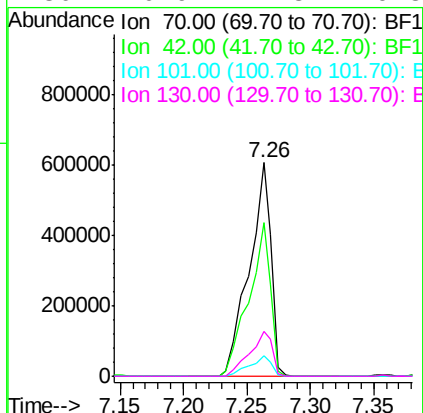
#19
n-Nitroso-di-n-propylamine
Concen: 48.148 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF119495.D
Acq: 24 Mar 2020 19:34

Instrument :
BNA_F
ClientSampleId :
TRACKS-66-67MSD

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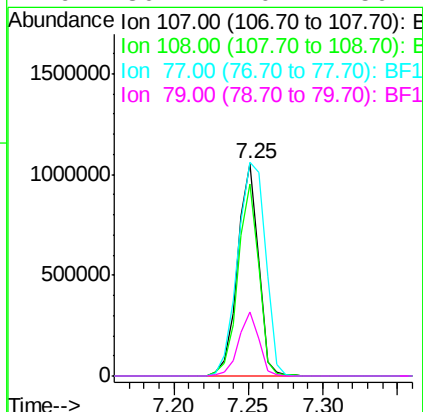
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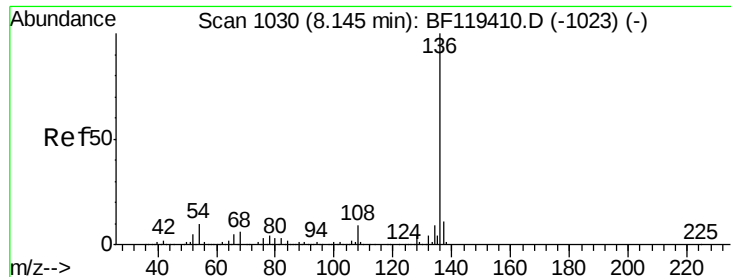
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	71.7	58.2	87.4	
101	9.7	7.4	11.2	
130	20.9	17.8	26.8	



#20
3+4-Methylphenols
Concen: 44.367 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF119495.D
Acq: 24 Mar 2020 19:34

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.8	72.6	112.6	
77	100.8	44.7	84.7	
79	30.4	10.2	50.2	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF119495.D

Acq: 24 Mar 2020 19:34

Instrument :

BNA_F

ClientSampleId :

TRACKS-66-67MSD

Tot Ion:136 Resp: 1205737

Ion Ratio Lower Upper

136 100

137 10.7 8.4 12.6

54 10.1 8.3 12.5

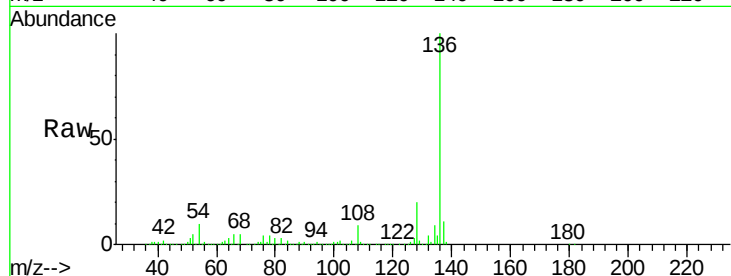
68 5.2 4.9 7.3

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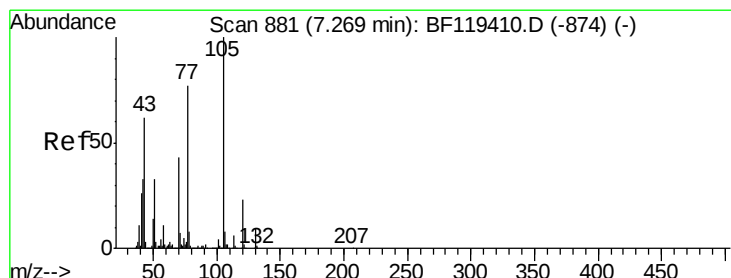
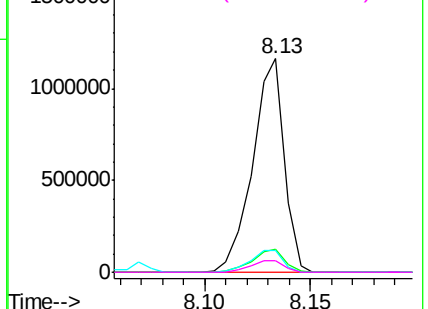
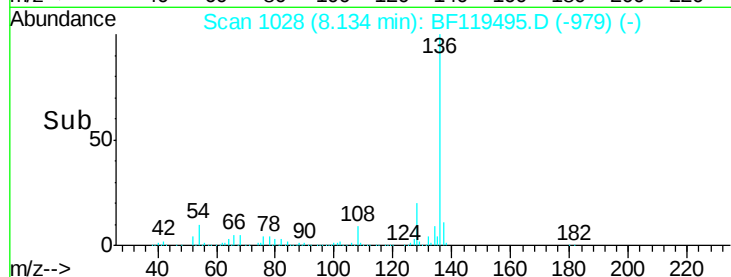


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 47.329 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF119495.D

Acq: 24 Mar 2020 19:34

Tgt Ion:105 Resp: 1363567

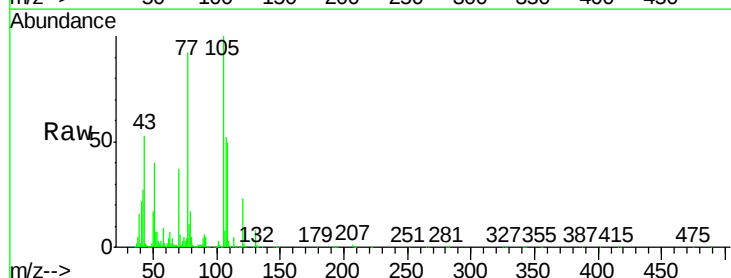
Ion Ratio Lower Upper

105 100

71 6.5 5.8 8.6

51 39.6 26.8 40.2

120 22.7 18.0 27.0

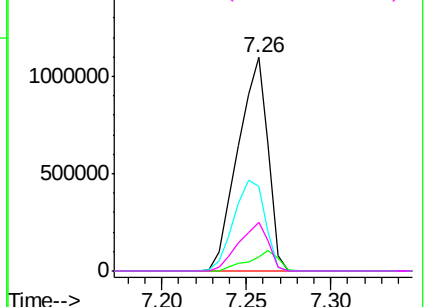
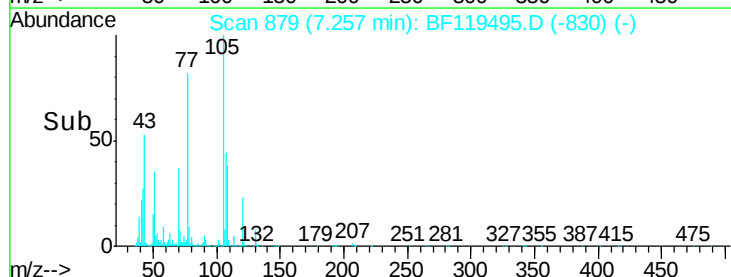


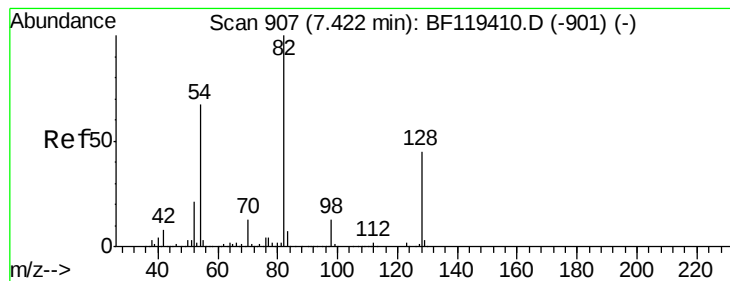
Abundance Ion 105.00 (104.70 to 105.70): E

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





#23

Nitrobenzene-d5

Concen: 82.548 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF119495.D

Acq: 24 Mar 2020 19:34

Instrument :

BNA_F

ClientSampleId :

TRACKS-66-67MSD

Tot Ion: 82 Resp: 1831377

Ion Ratio Lower Upper

82 100

128 44.8 35.8 53.8

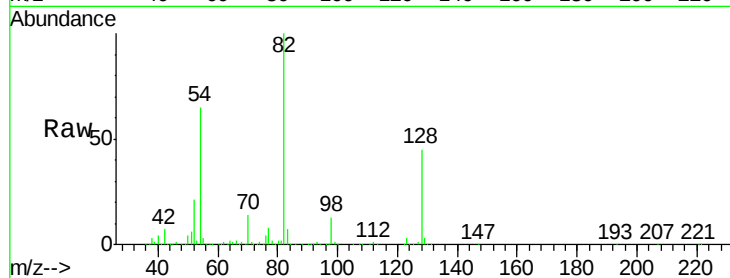
54 64.9 53.4 80.0

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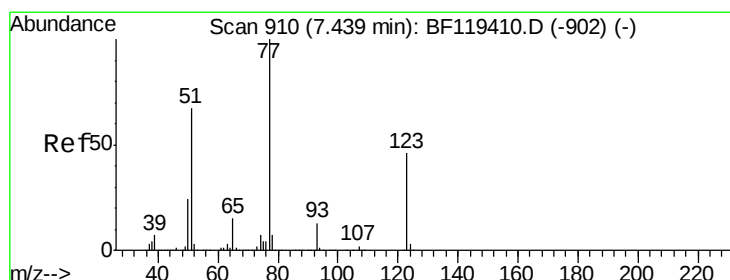
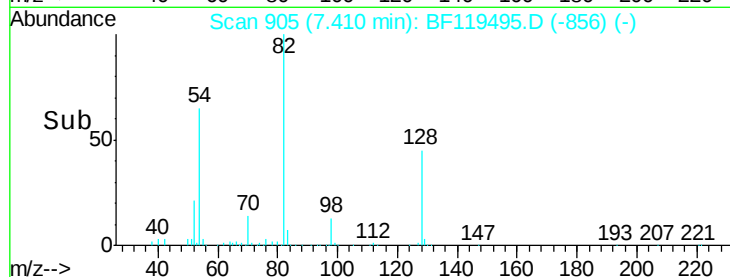
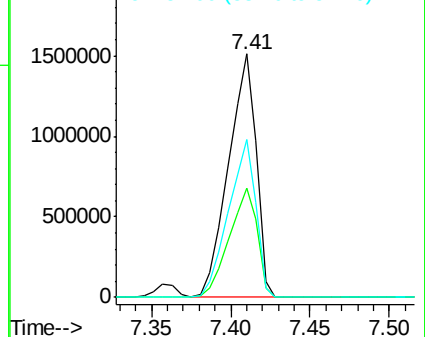
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Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 46.698 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF119495.D

Acq: 24 Mar 2020 19:34

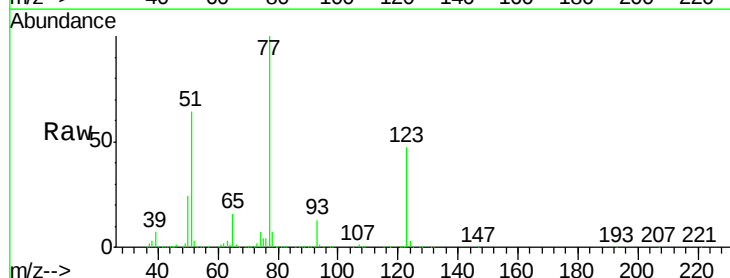
Tgt Ion: 77 Resp: 1107184

Ion Ratio Lower Upper

77 100

123 47.0 36.9 55.3

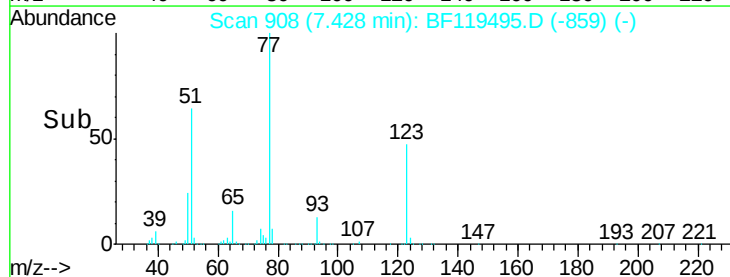
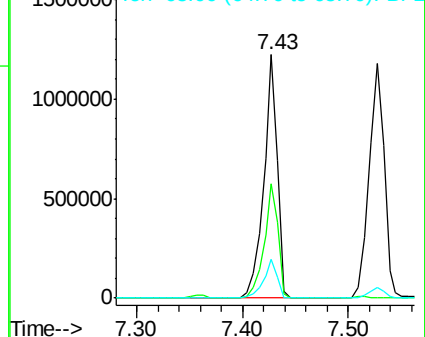
65 15.7 12.2 18.4

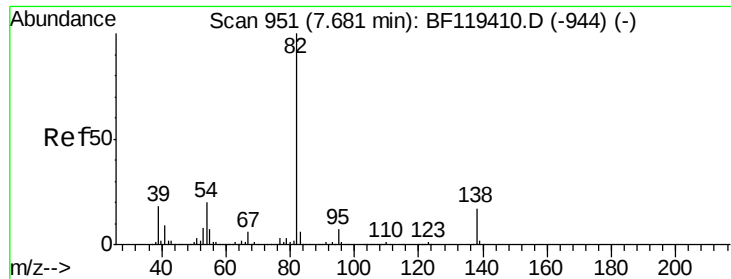


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 46.003 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF119495.D

Acq: 24 Mar 2020 19:34

Instrument :

BNA_F

ClientSampleId :

TRACKS-66-67MSD

Tot Ion: 82 Resp: 2070342

Ion Ratio Lower Upper

82 100

95 7.1 5.4 8.2

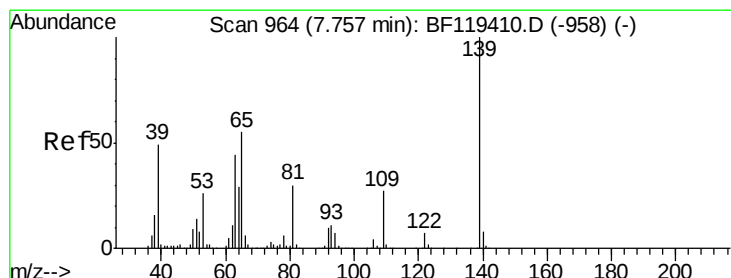
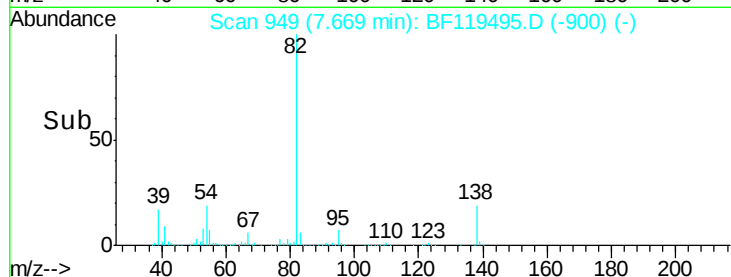
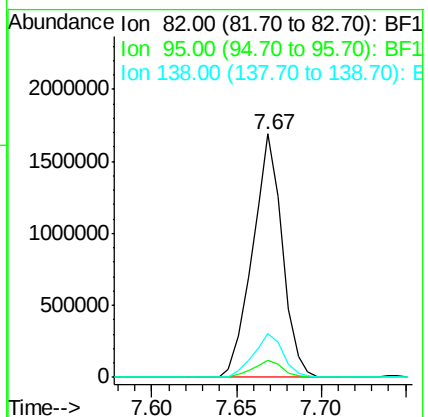
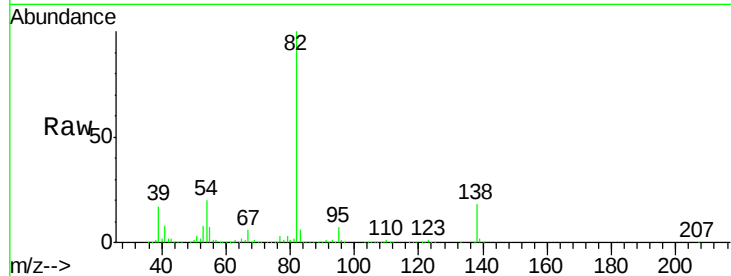
138 18.3 13.8 20.8

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#26

2-Nitrophenol

Concen: 59.793 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF119495.D

Acq: 24 Mar 2020 19:34

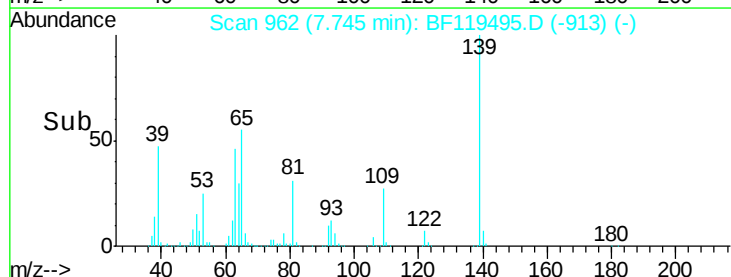
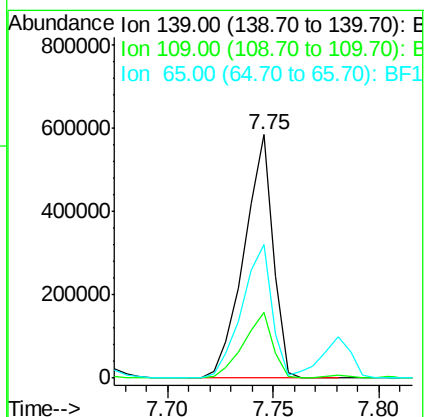
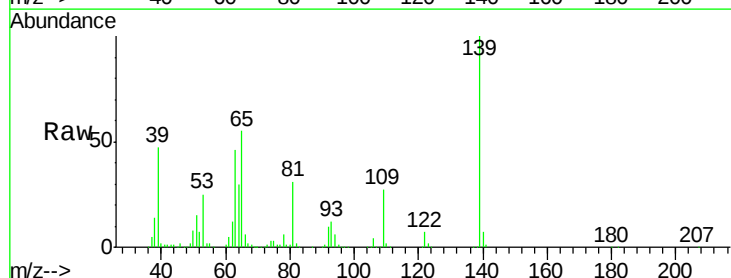
Tgt Ion: 139 Resp: 558186

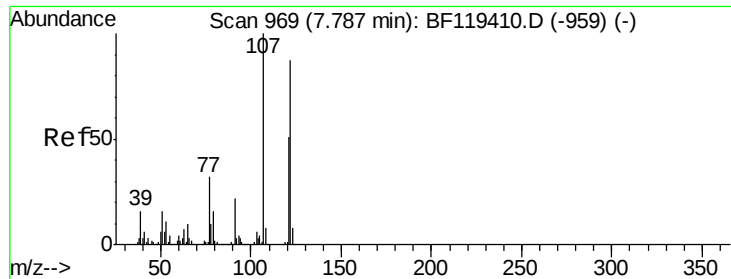
Ion Ratio Lower Upper

139 100

109 26.7 21.7 32.5

65 54.8 43.9 65.9





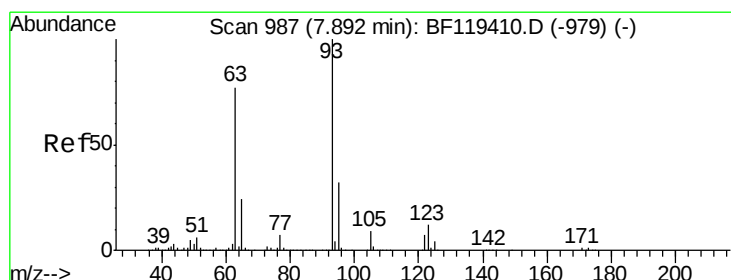
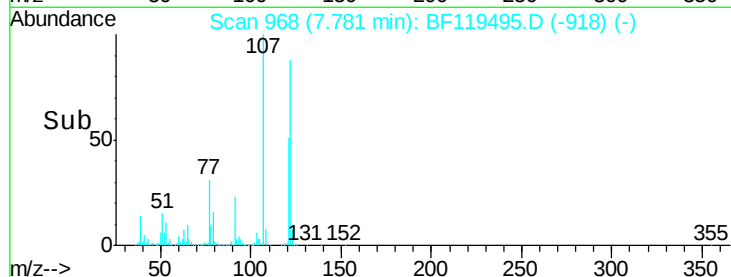
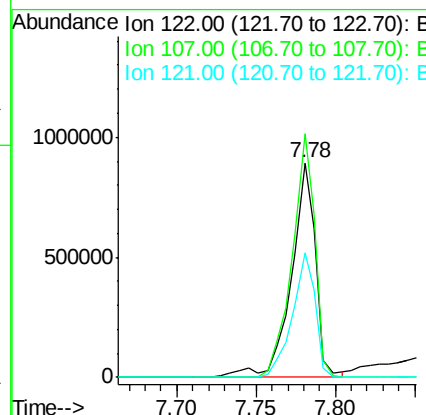
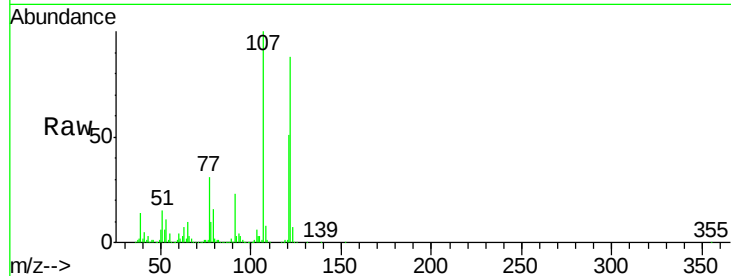
#27
2,4-Dimethylphenol
Concen: 48.650 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF119495.D
Acq: 24 Mar 2020 19:34

Instrument :
BNA_F
ClientSampleId :
TRACKS-66-67MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	113.5	91.8	137.6
121	58.1	46.5	69.7

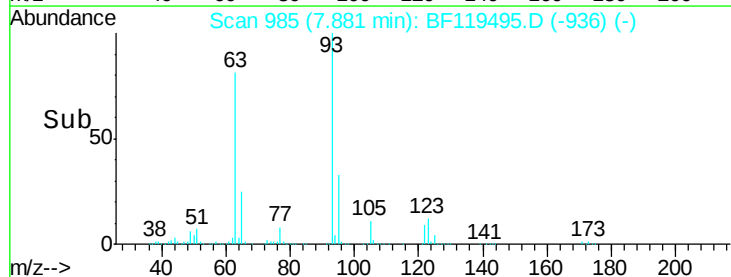
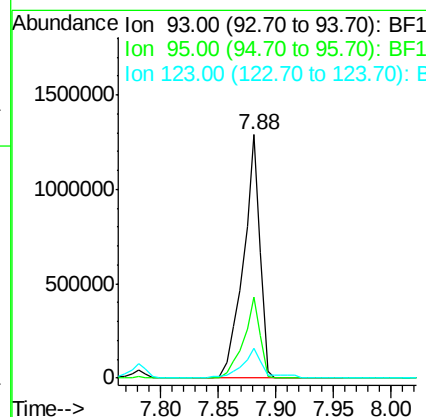
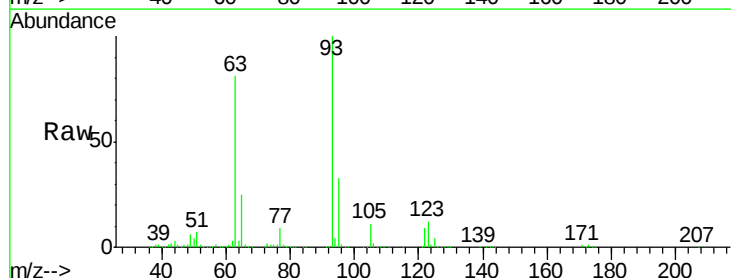
Manual Integrations
APPROVED

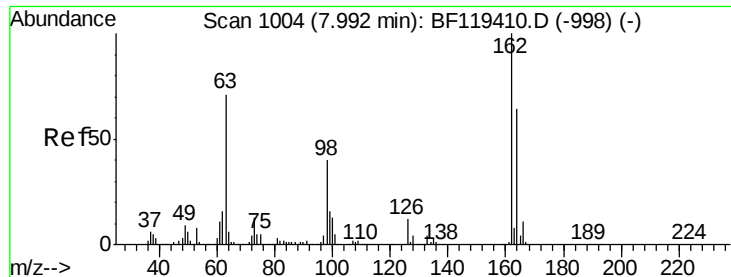
mohammad
3/25/2020 12:29:39 PM



#28
bis(2-Chloroethoxy)methane
Concen: 48.132 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BF119495.D
Acq: 24 Mar 2020 19:34

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	26.0	39.0
123	12.0	9.7	14.5





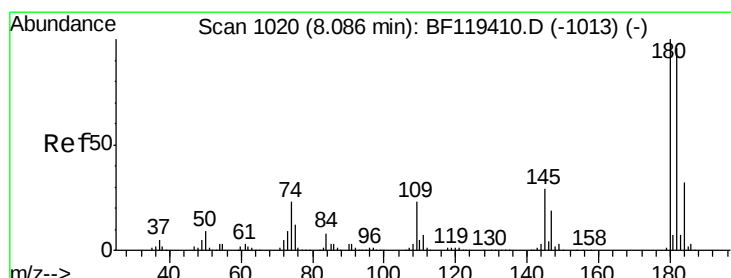
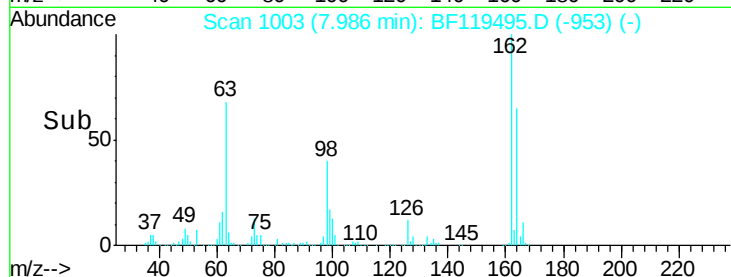
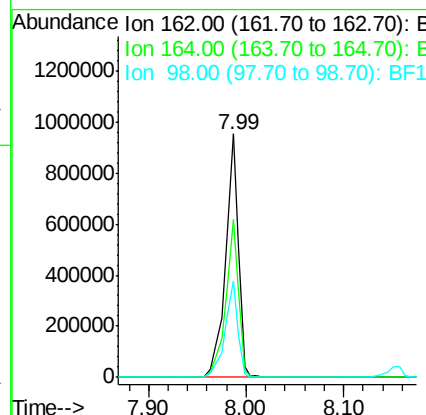
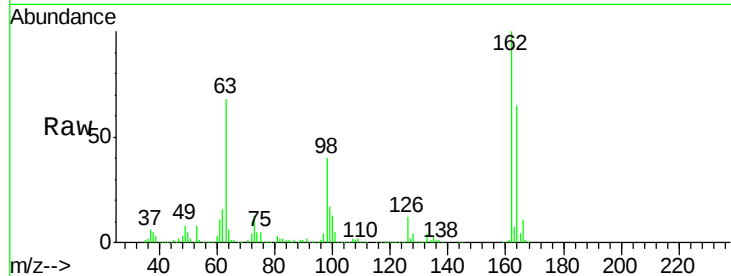
#29
2,4-Dichlorophenol
Concen: 48.955 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF119495.D
Acq: 24 Mar 2020 19:34

Instrument :
BNA_F
ClientSampleId :
TRACKS-66-67MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	868292		
164	64.6	43.6	83.6	
98	39.8	20.4	60.4	

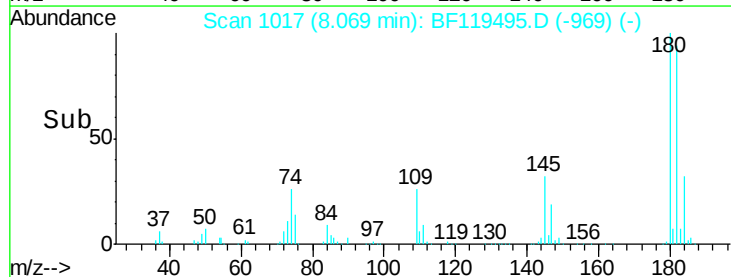
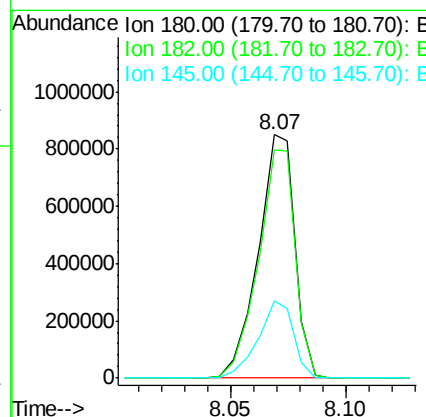
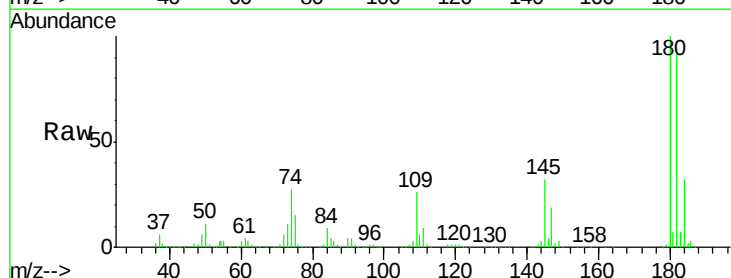
Manual Integrations
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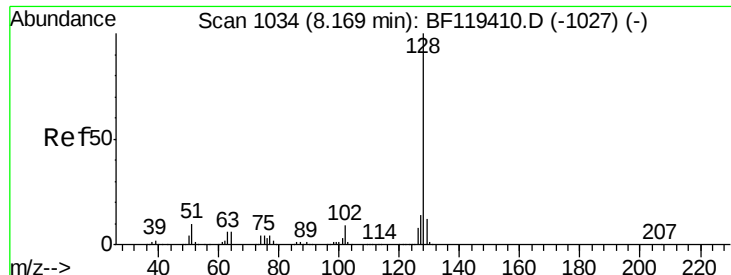
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 47.776 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.02 min
Lab File: BF119495.D
Acq: 24 Mar 2020 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	937128		
182	93.9	76.6	115.0	
145	31.6	23.2	34.8	





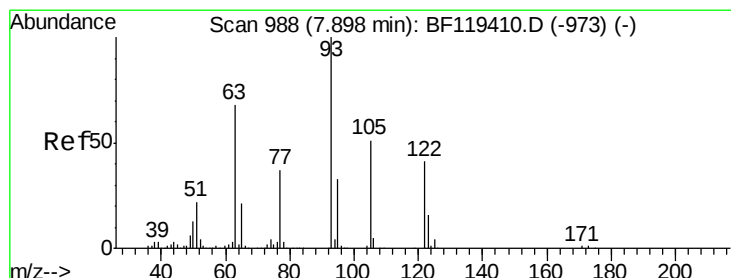
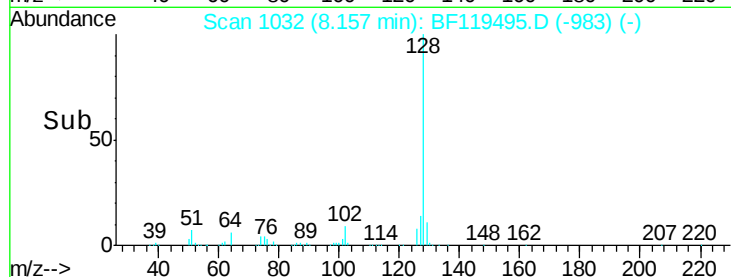
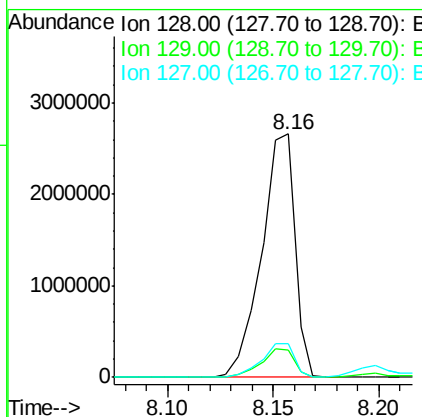
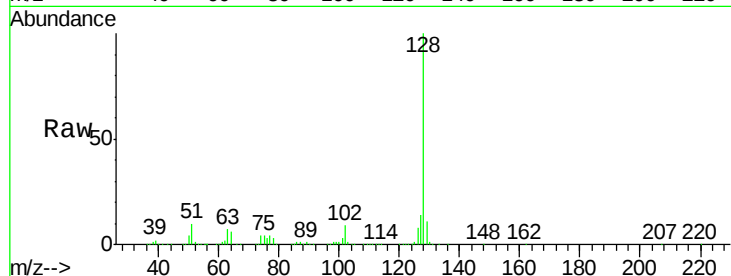
#31
Naphthalene
Concen: 47.140 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF119495.D
Acq: 24 Mar 2020 19:34

Instrument :
BNA_F
ClientSampleId :
TRACKS-66-67MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.3	13.9
127	13.9	11.0	16.4

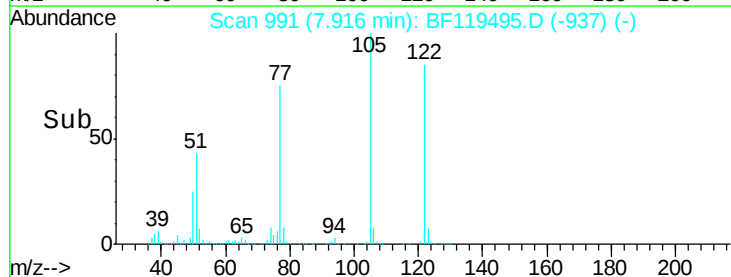
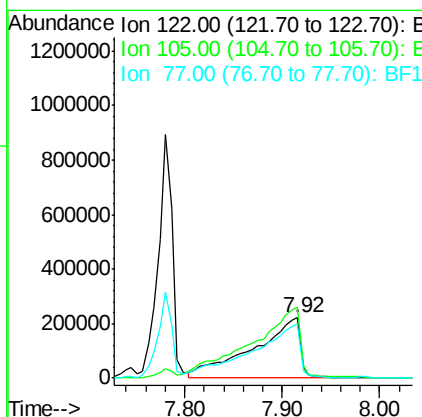
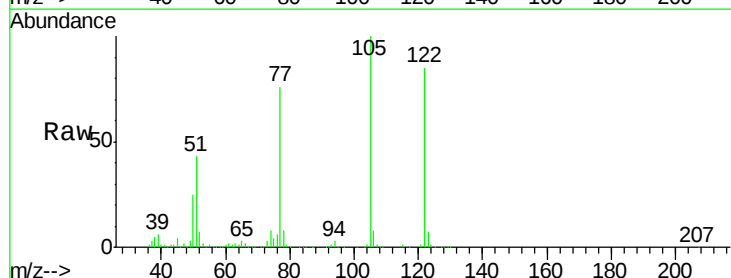
Manual Integrations
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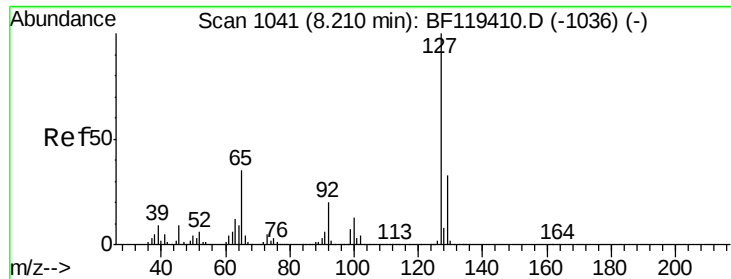
mohammad
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#32
Benzoic acid
Concen: 59.180 ng
RT: 7.92 min Scan# 991
Delta R.T. 0.02 min
Lab File: BF119495.D
Acq: 24 Mar 2020 19:34

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.3	102.9	142.9
77	90.0	70.1	110.1





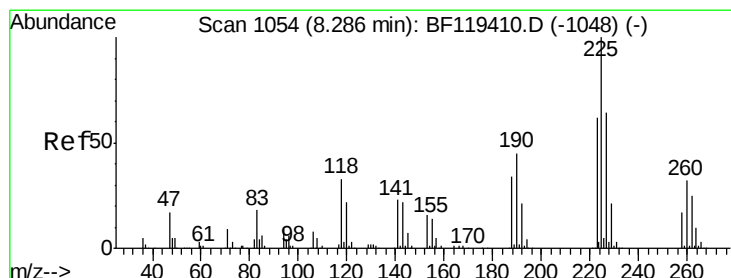
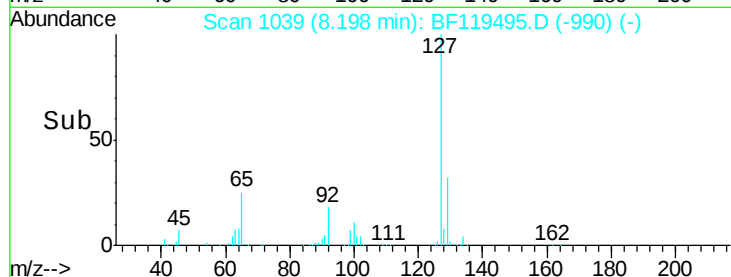
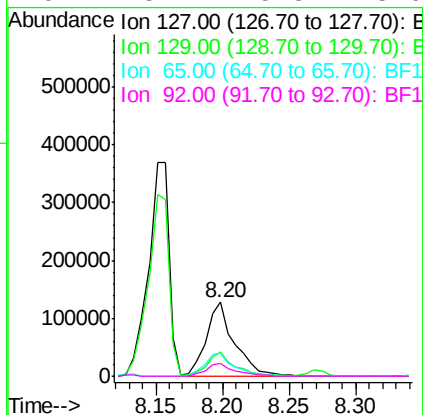
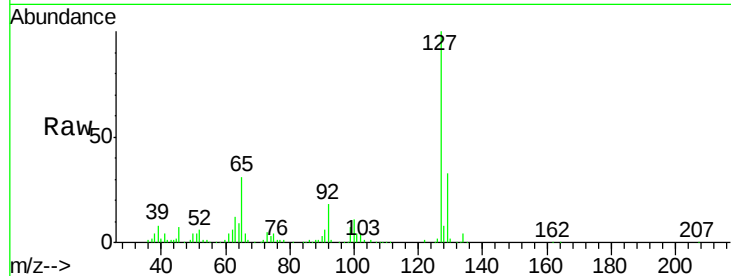
#33
4-Chloroaniline
Concen: 6.555 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF119495.D
Acq: 24 Mar 2020 19:34

Instrument :
BNA_F
ClientSampleId :
TRACKS-66-67MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		186371		
129	32.6	26.2	39.4		
65	31.4	27.7	41.5		
92	18.2	15.8	23.6		

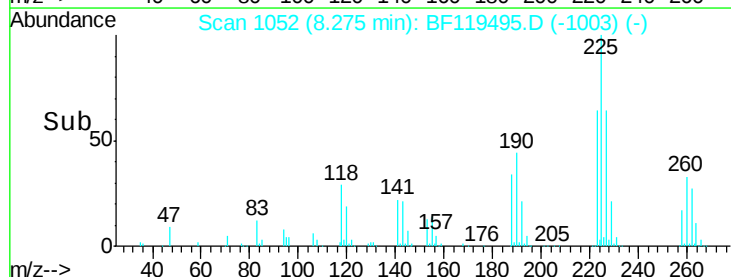
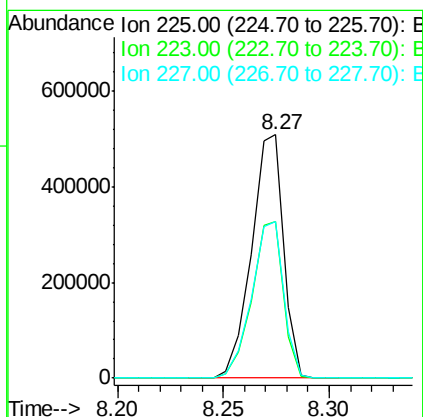
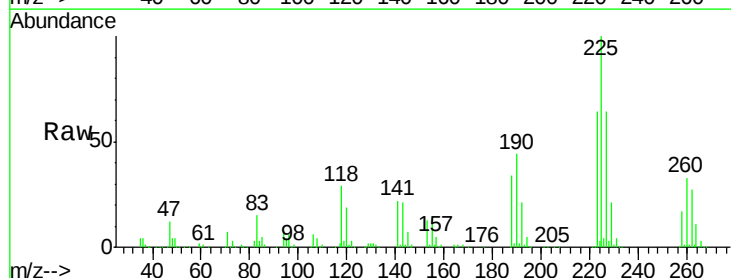
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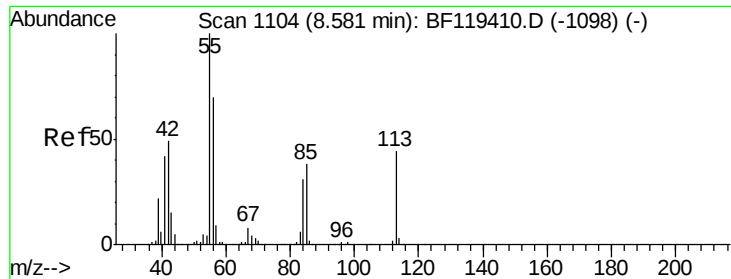
mohammad
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#34
Hexachlorobutadiene
Concen: 48.888 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF119495.D
Acq: 24 Mar 2020 19:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		536529		
223	64.4	49.2	73.8		
227	64.5	51.1	76.7		





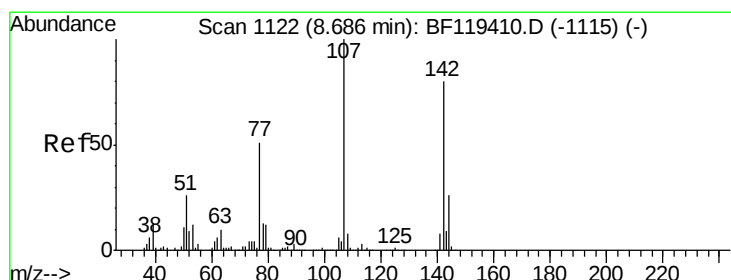
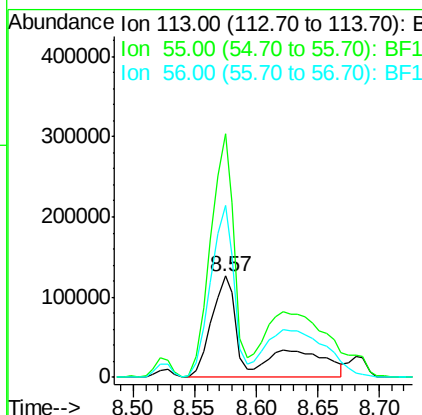
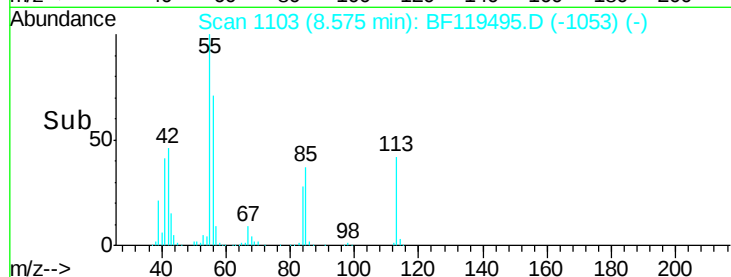
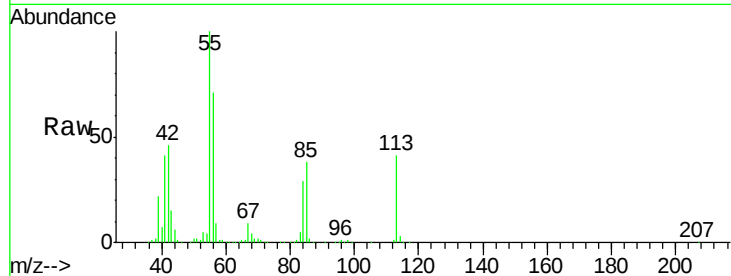
#35
 Caprolactam
 Concen: 48.480 ng/ml
 RT: 8.57 min Scan# 1103
 Delta R.T. -0.01 min
 Lab File: BF119495.D
 Acq: 24 Mar 2020 19:34

Instrument :
 BNA_F
 ClientSampleId :
 TRACKS-66-67MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	241.1	208.4	248.4
56	170.4	138.9	178.9

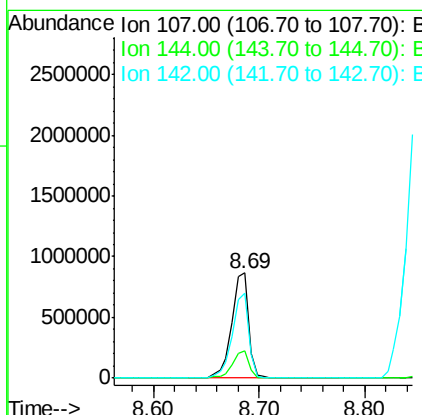
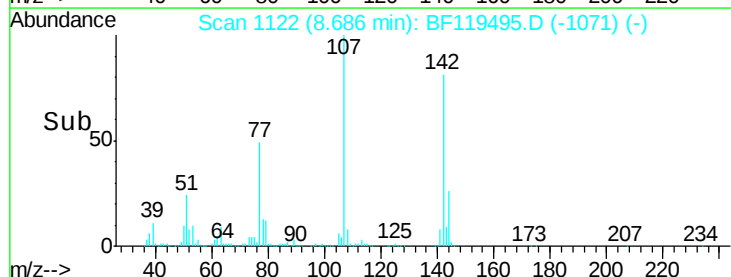
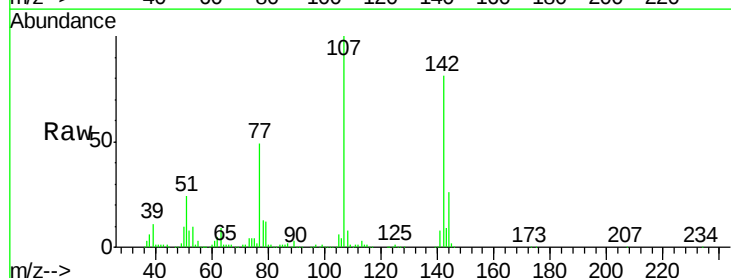
Manual Integrations
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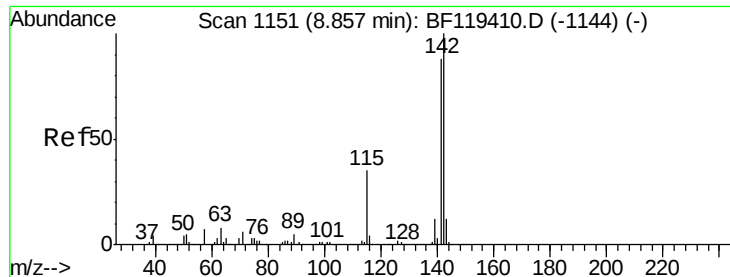
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 48.965 ng/ml
 RT: 8.69 min Scan# 1122
 Delta R.T. 0.00 min
 Lab File: BF119495.D
 Acq: 24 Mar 2020 19:34

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.4	20.6	31.0
142	81.2	63.8	95.6





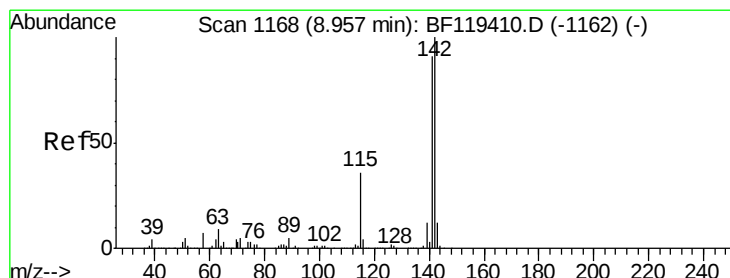
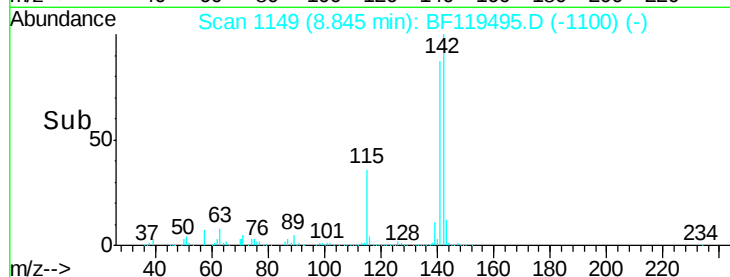
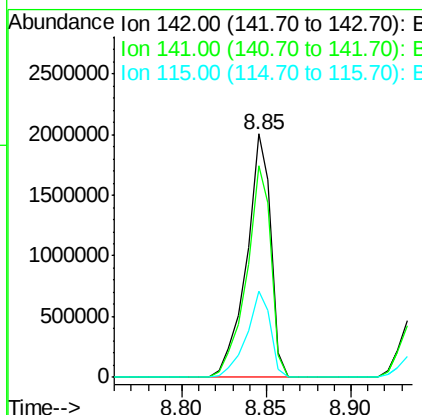
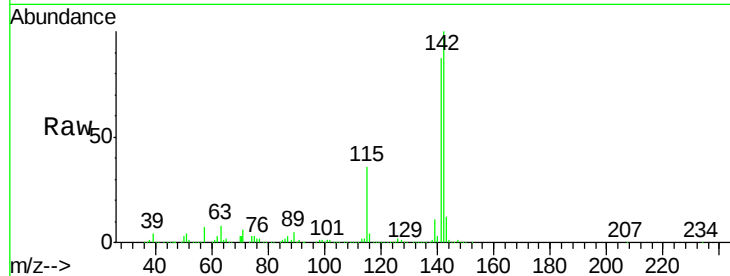
#37
2-Methylnaphthalene
Concen: 49.545 ng
RT: 8.85 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BF119495.D
Acq: 24 Mar 2020 19:34

Instrument :
BNA_F
ClientSampleId :
TRACKS-66-67MSD

Tot Ion:142 Resp: 2017573
Ion Ratio Lower Upper
142 100
141 86.8 70.4 105.6
115 35.6 27.8 41.6

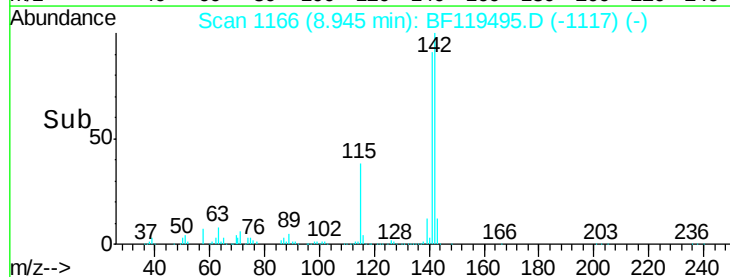
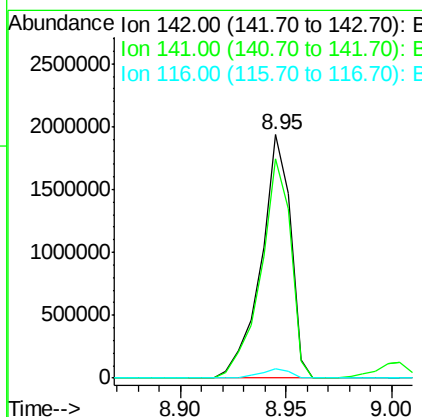
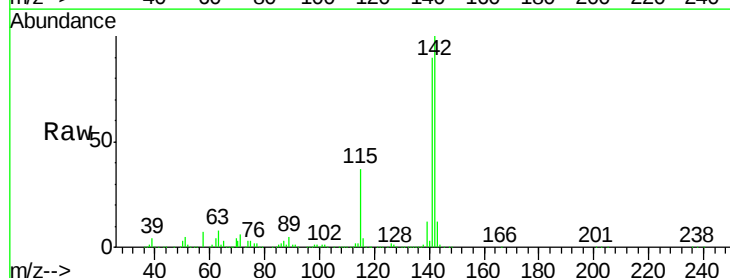
Manual Integrations
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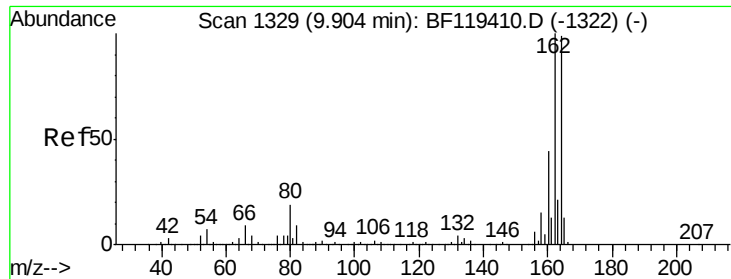
mohammad
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#38
1-Methylnaphthalene
Concen: 48.811 ng
RT: 8.95 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BF119495.D
Acq: 24 Mar 2020 19:34

Tgt Ion:142 Resp: 1881364
Ion Ratio Lower Upper
142 100
141 90.3 73.1 109.7
116 4.0 3.0 4.6





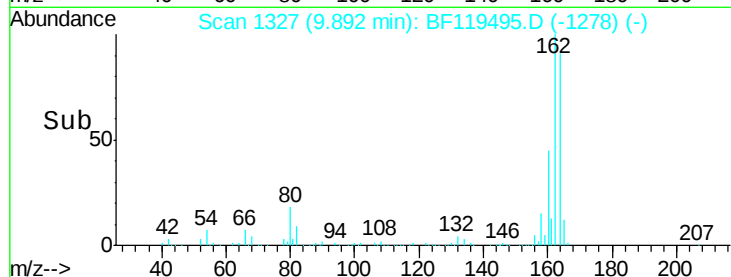
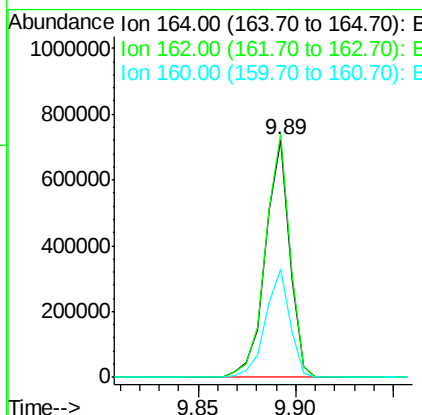
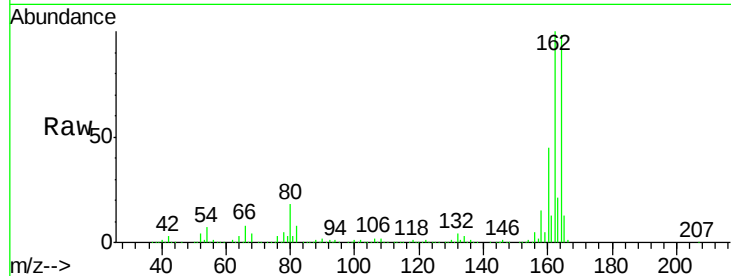
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF119495.D
Acq: 24 Mar 2020 19:34

Instrument :
BNA_F
ClientSampleId :
TRACKS-66-67MSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100	623533		
162	102.5	80.7	121.1	
160	45.7	35.5	53.3	

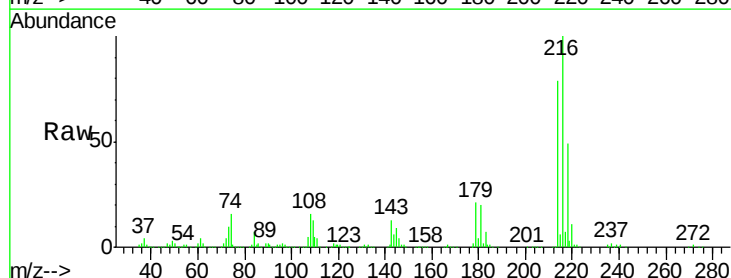
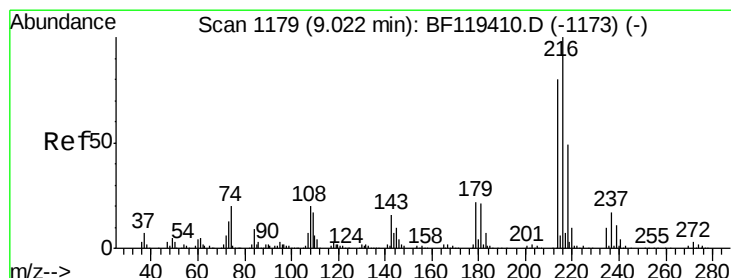
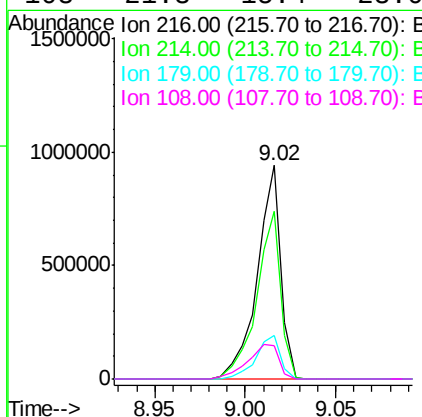
Manual Integrations
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.613 ng
RT: 9.02 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BF119495.D
Acq: 24 Mar 2020 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	851918		
214	80.1	63.0	94.6	
179	21.4	17.0	25.4	
108	21.3	15.4	23.0	





#41

Hexachlorocyclopentadiene

Concen: 96.985 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BF119495.D

Acq: 24 Mar 2020 19:34

Instrument :

BNA_F

ClientSampleId :

TRACKS-66-67MSD

Tot Ion:237 Resp: 1007698

Ion Ratio Lower Upper

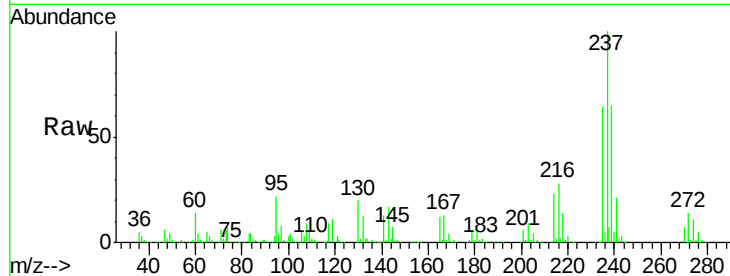
237 100

235 63.9 42.5 82.5

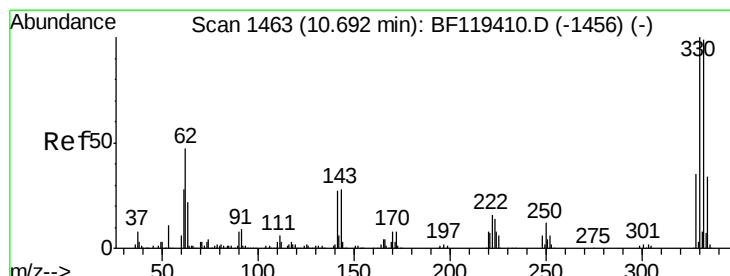
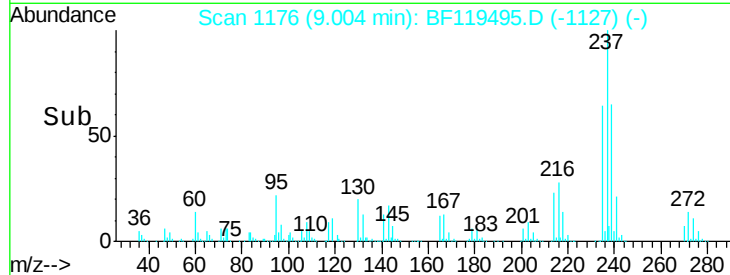
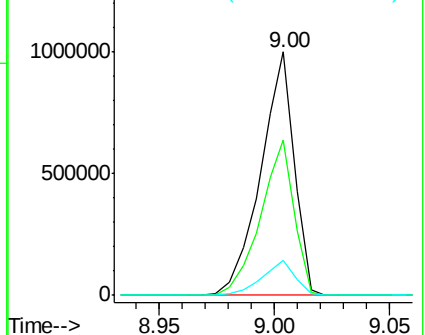
272 14.4 0.0 34.3

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: 129.192 ng

RT: 10.69 min Scan# 1462

Delta R.T. -0.01 min

Lab File: BF119495.D

Acq: 24 Mar 2020 19:34

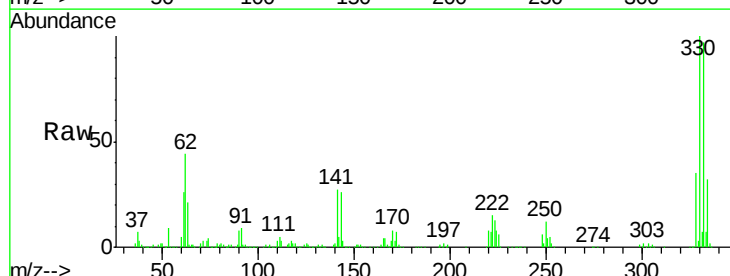
Tgt Ion:330 Resp: 831063

Ion Ratio Lower Upper

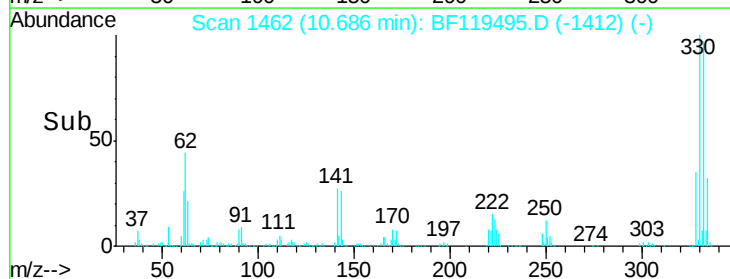
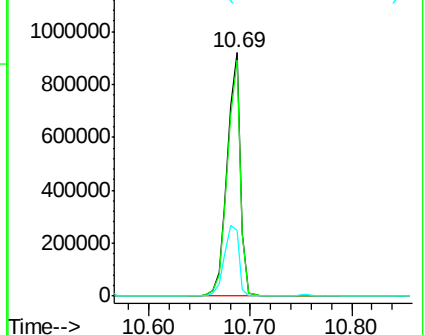
330 100

332 96.0 77.6 116.4

141 32.2 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





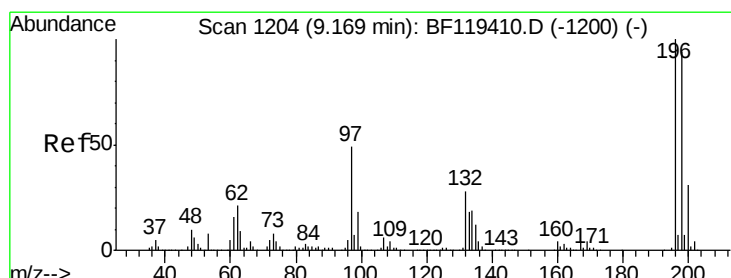
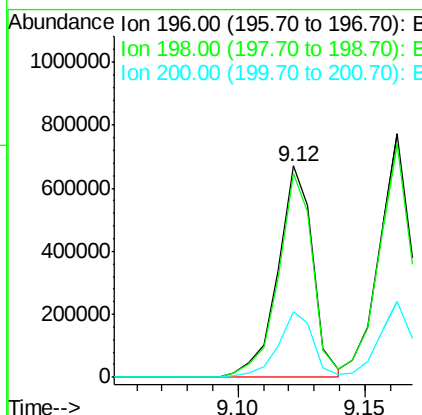
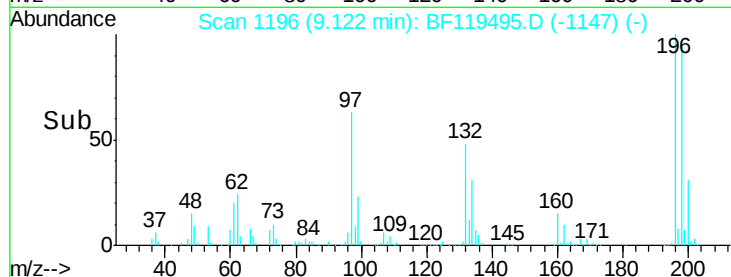
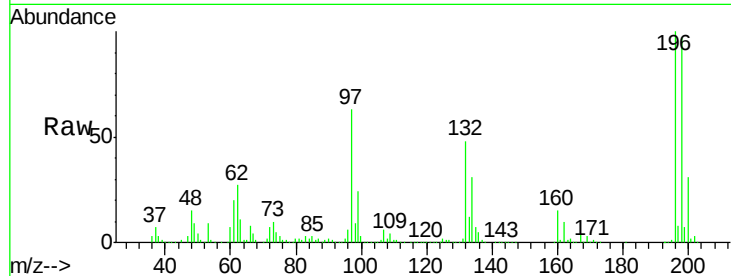
#43
 2,4,6-Trichlorophenol
 Concen: 49.485 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF119495.D
 Acq: 24 Mar 2020 19:34

Instrument :
 BNA_F
 ClientSampleId :
 TRACKS-66-67MSD

Tot Ion:	196	Resp:	647206
Ion Ratio	Lower	Upper	
196	100		
198	96.6	77.0	115.4
200	31.0	25.1	37.7

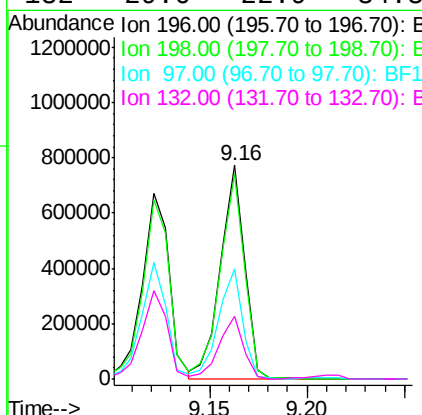
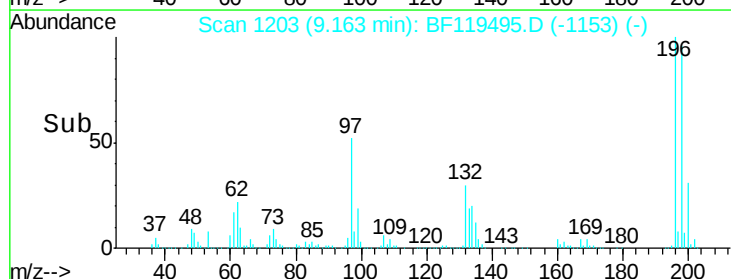
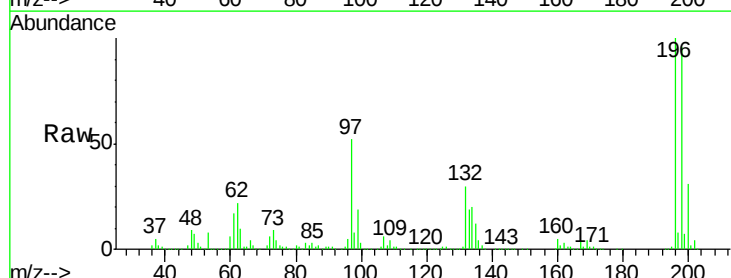
Manual Integrations
 APPROVED

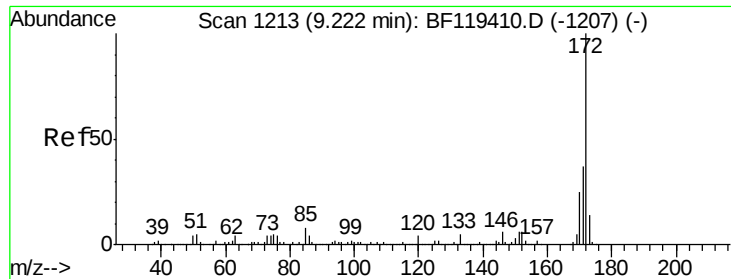
mohammad
 3/25/2020 12:29:39 PM



#44
 2,4,5-Trichlorophenol
 Concen: 45.552 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF119495.D
 Acq: 24 Mar 2020 19:34

Tgt Ion:	196	Resp:	667400
Ion Ratio	Lower	Upper	
196	100		
198	95.7	75.3	112.9
97	51.7	39.0	58.4
132	29.6	22.9	34.3





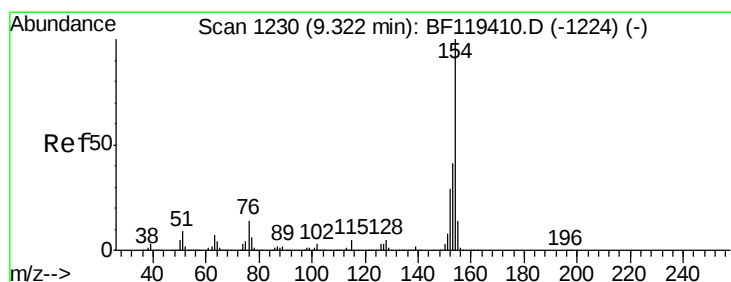
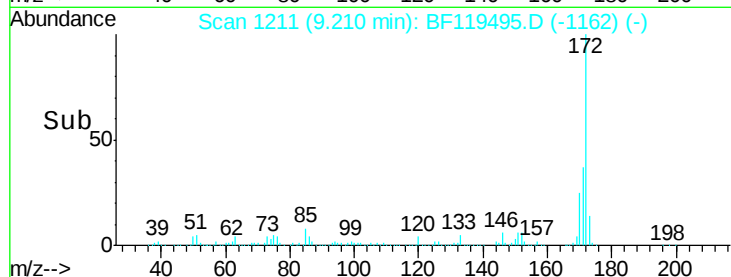
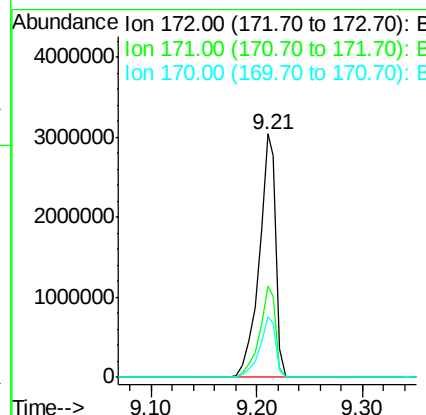
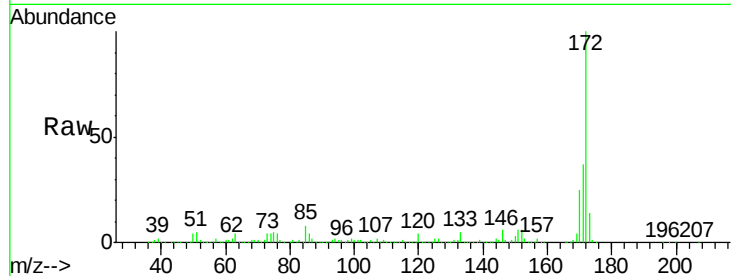
#45
2-Fluorobiphenyl
Concen: 79.585 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF119495.D
Acq: 24 Mar 2020 19:34

Instrument :
BNA_F
ClientSampleId :
TRACKS-66-67MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.9	44.9
170	25.1	20.1	30.1

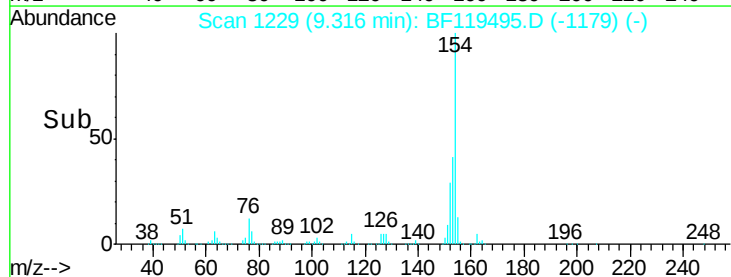
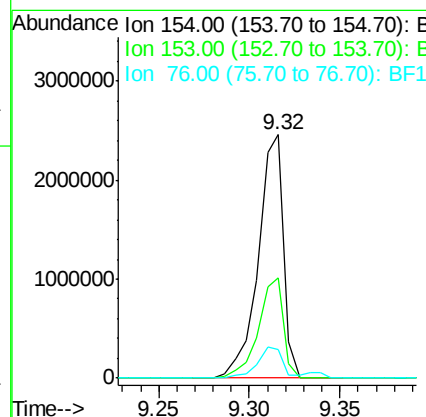
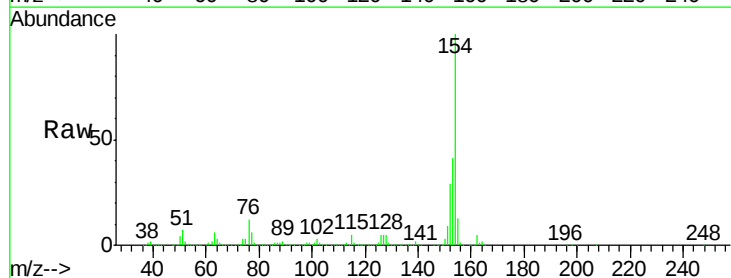
Manual Integrations
APPROVED

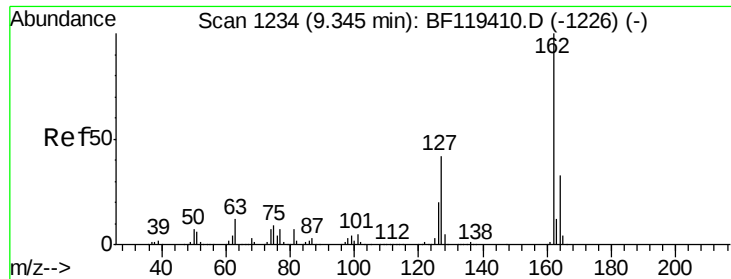
mohammad
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#46
1,1'-Biphenyl
Concen: 46.773 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.01 min
Lab File: BF119495.D
Acq: 24 Mar 2020 19:34

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.4	21.4	61.4
76	11.8	0.0	33.6





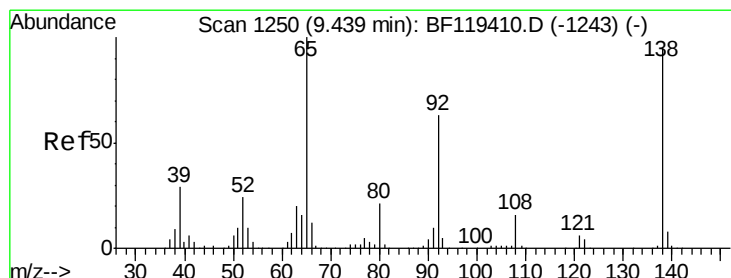
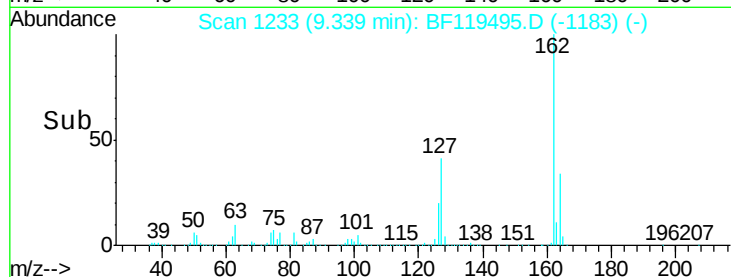
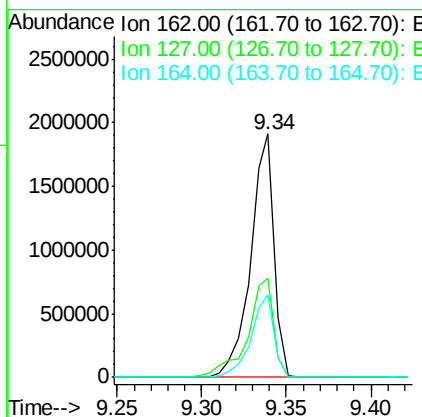
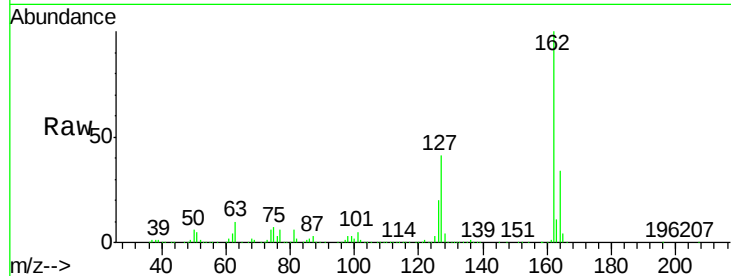
#47
 2-Chloronaphthalene
 Concen: 46.442 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. -0.01 min
 Lab File: BF119495.D
 Acq: 24 Mar 2020 19:34

Instrument :
 BNA_F
 ClientSampleId :
 TRACKS-66-67MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.8	33.7	50.5
164	33.6	26.2	39.4

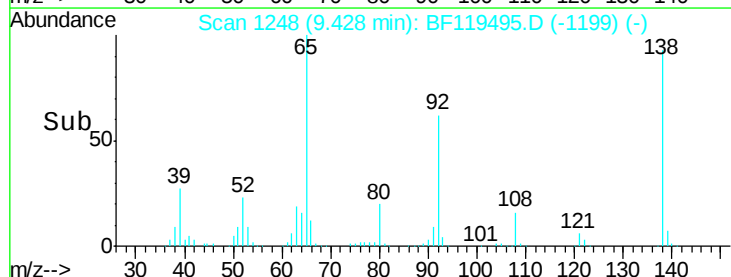
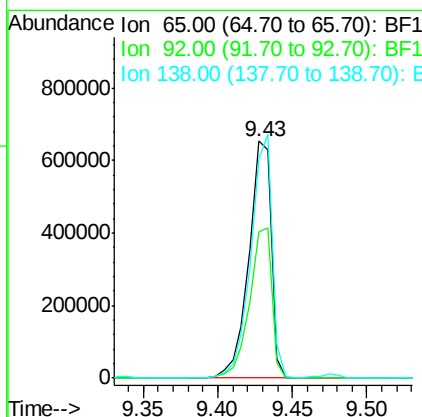
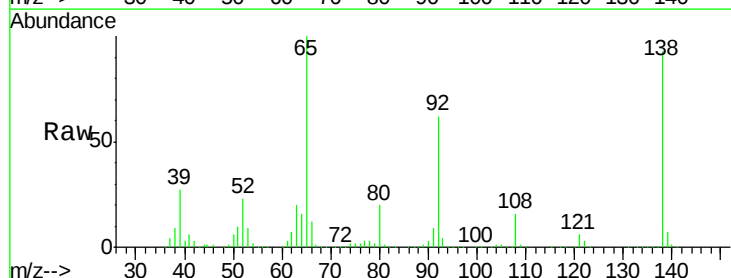
Manual Integrations
 APPROVED

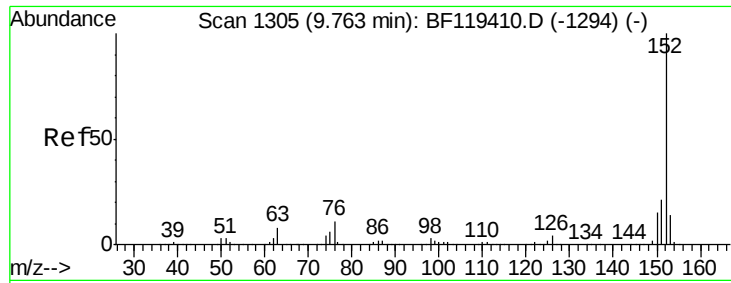
mohammad
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#48
 2-Nitroaniline
 Concen: 49.414 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. -0.01 min
 Lab File: BF119495.D
 Acq: 24 Mar 2020 19:34

Tgt Ion	Ratio	Lower	Upper
65	100		
92	61.5	50.5	75.7
138	92.6	75.8	113.8





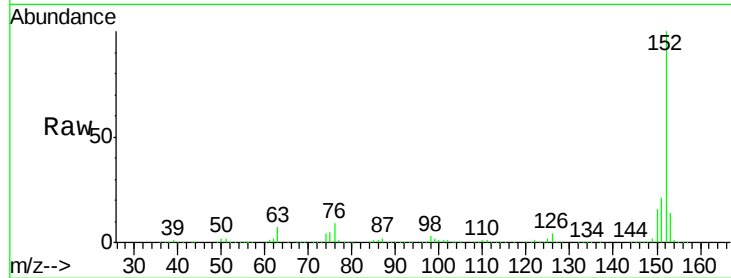
#49
Acenaphthylene
Concen: 46.043 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF119495.D
Acq: 24 Mar 2020 19:34

Instrument :
BNA_F
ClientSampleId :
TRACKS-66-67MSD

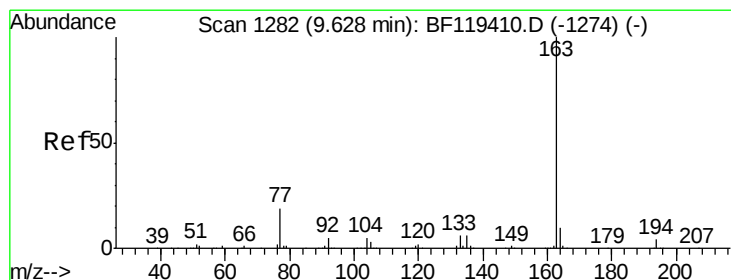
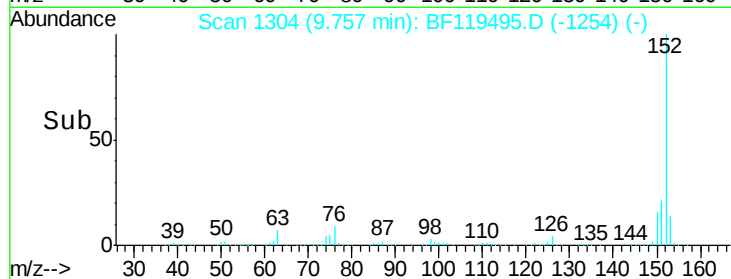
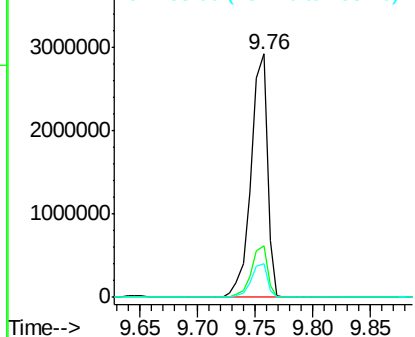
Tot Ion	Ratio	Lower	Upper
152	100		
151	21.5	16.8	25.2
153	13.8	11.2	16.8

Manual Integrations
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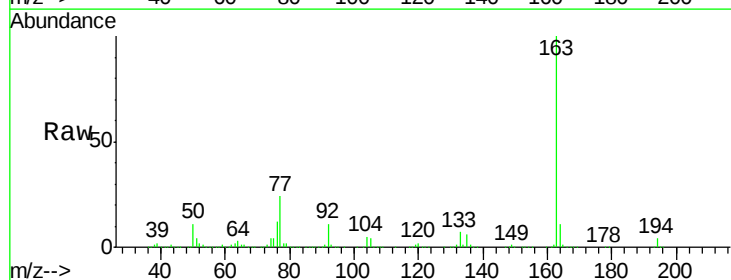


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

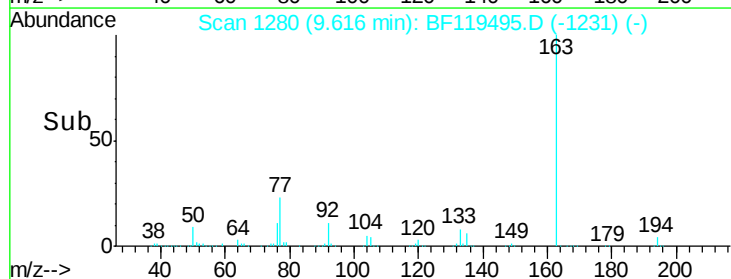
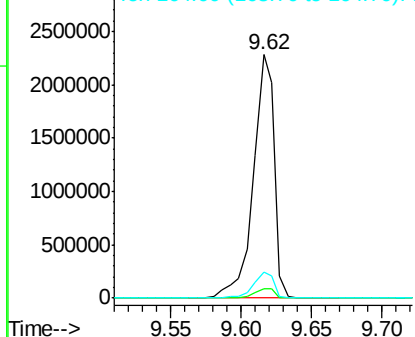


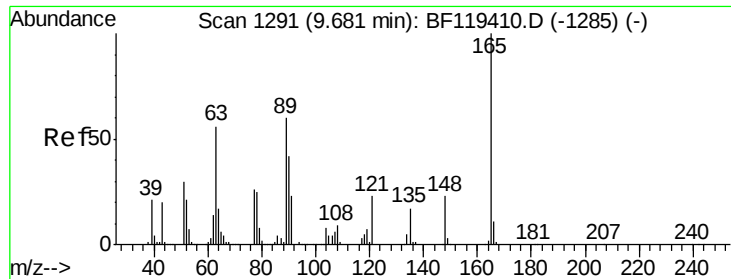
#50
Dimethylphthalate
Concen: 53.679 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF119495.D
Acq: 24 Mar 2020 19:34

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.8	8.1	12.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





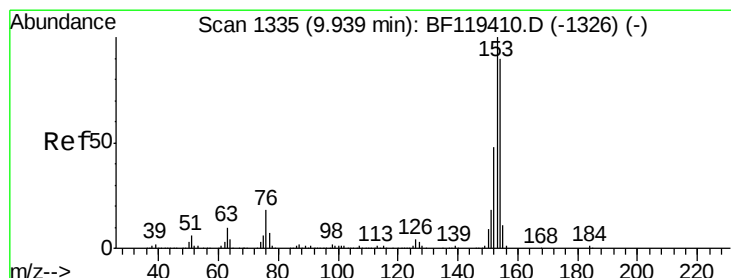
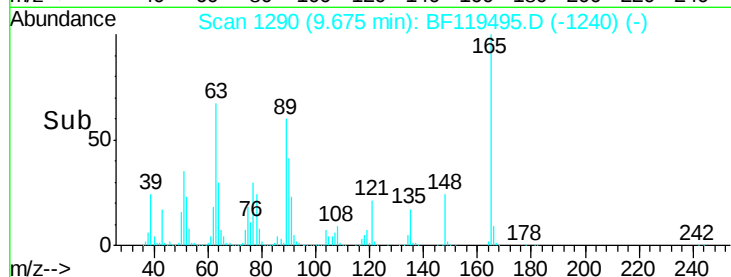
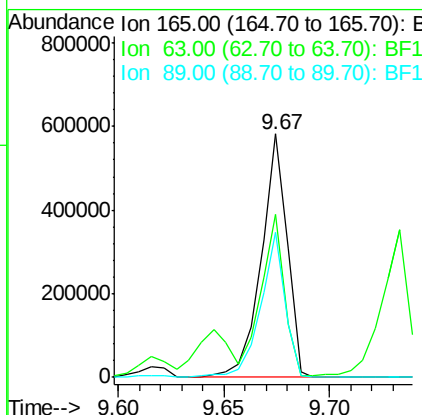
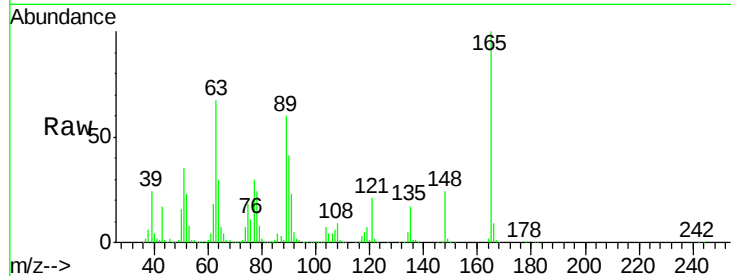
#51
2,6-Dinitrotoluene
Concen: 52.140 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF119495.D
Acq: 24 Mar 2020 19:34

Instrument :
BNA_F
ClientSampleId :
TRACKS-66-67MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	494977		
63	67.0	57.3	85.9	
89	59.6	47.8	71.8	

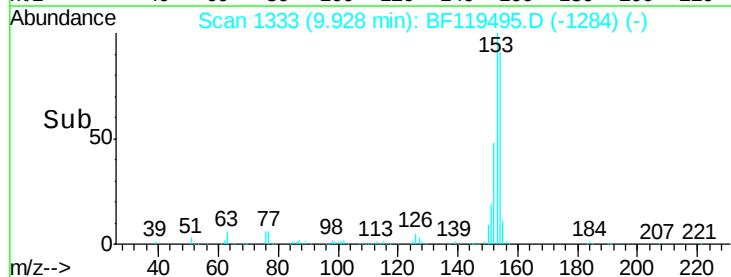
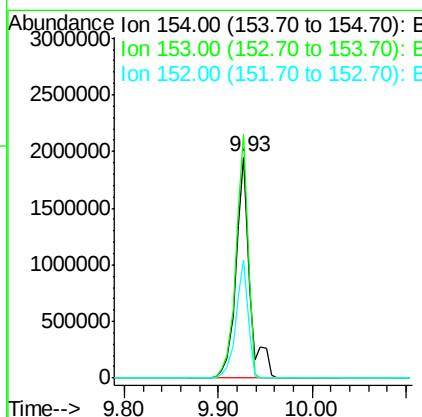
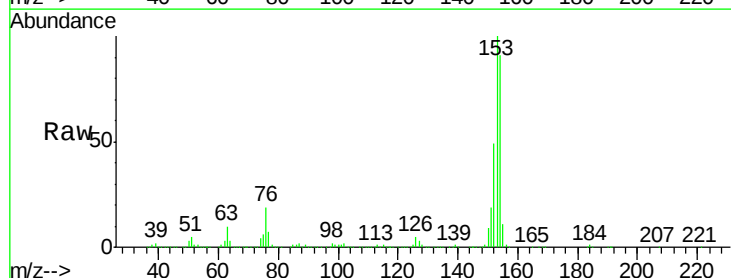
Manual Integrations
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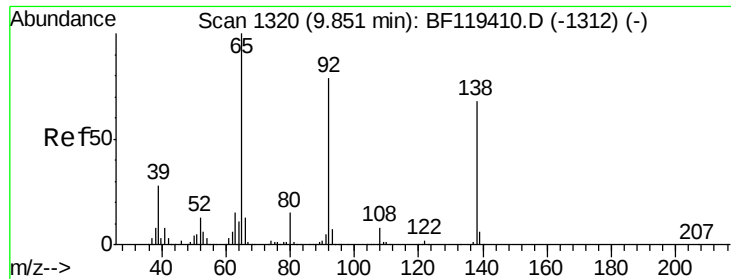
mohammad
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#52
Acenaphthene
Concen: 50.962 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF119495.D
Acq: 24 Mar 2020 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1984624		
153	110.2	89.0	133.6	
152	53.8	43.1	64.7	





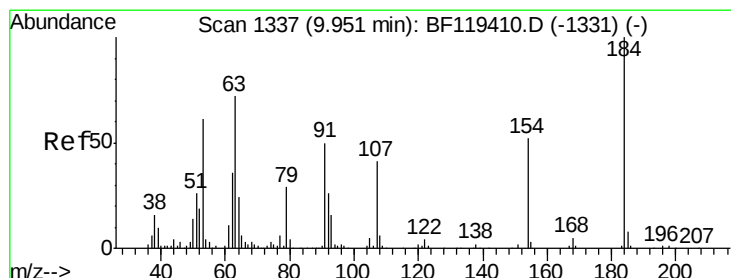
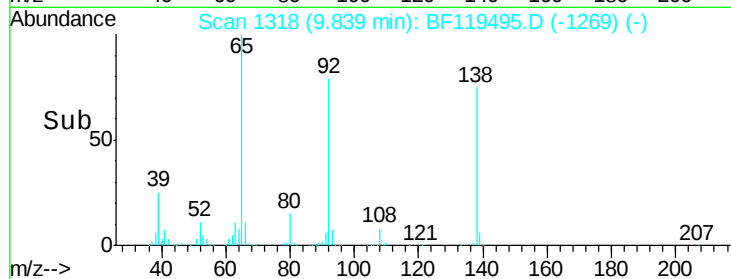
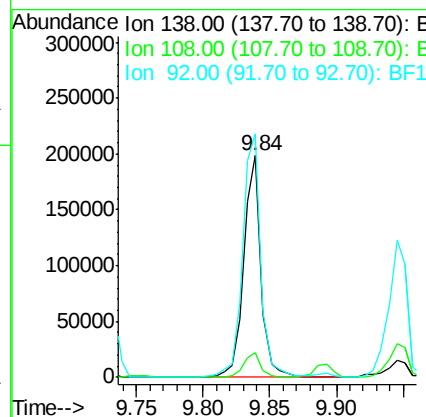
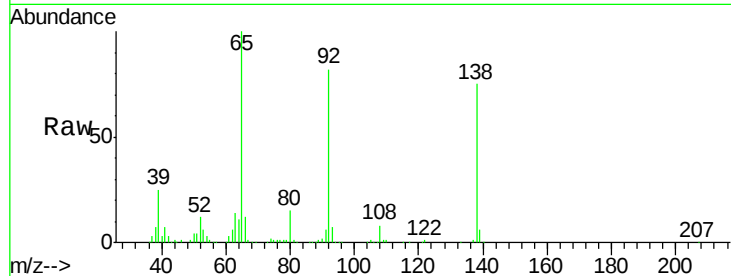
#53
3-Nitroaniline
Concen: 14.987 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF119495.D
Acq: 24 Mar 2020 19:34

Instrument :
BNA_F
ClientSampleId :
TRACKS-66-67MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.0	9.0	13.6
92	109.8	93.2	139.8

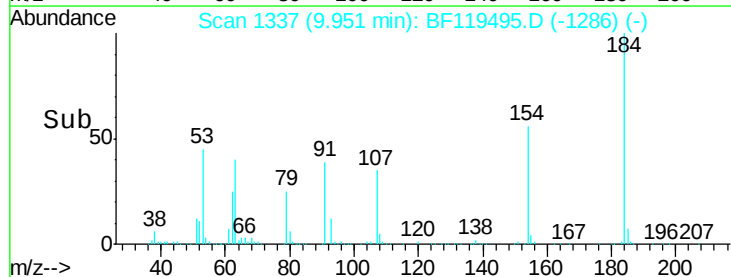
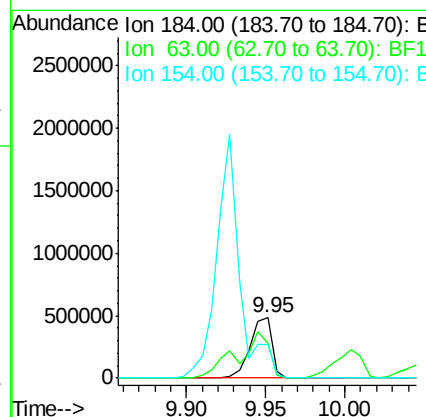
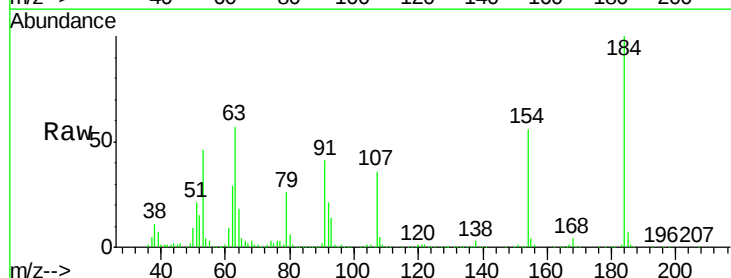
Manual Integrations
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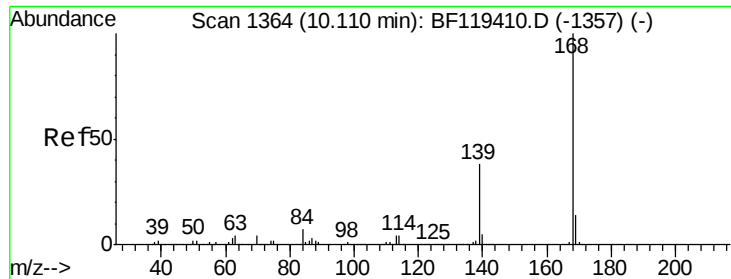
mohammad
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#54
2,4-Dinitrophenol
Concen: 109.786 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF119495.D
Acq: 24 Mar 2020 19:34

Tgt Ion	Ratio	Lower	Upper
184	100		
63	57.3	58.5	87.7#
154	55.7	51.8	77.6





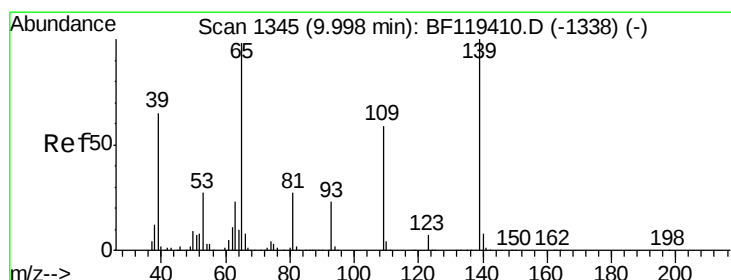
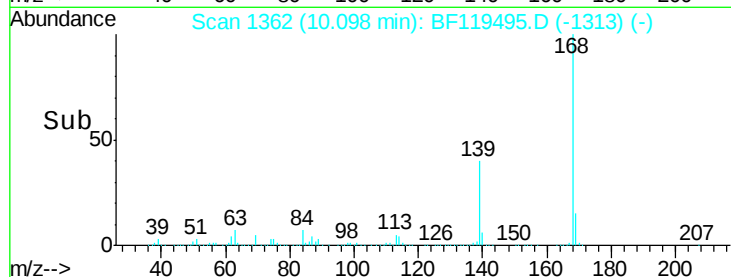
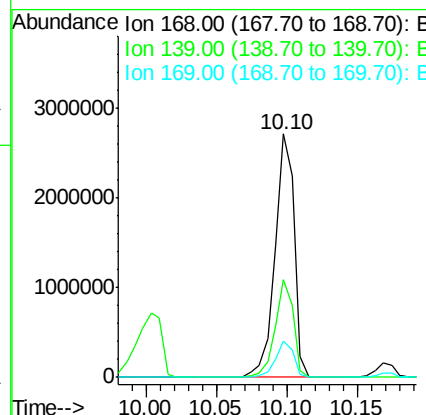
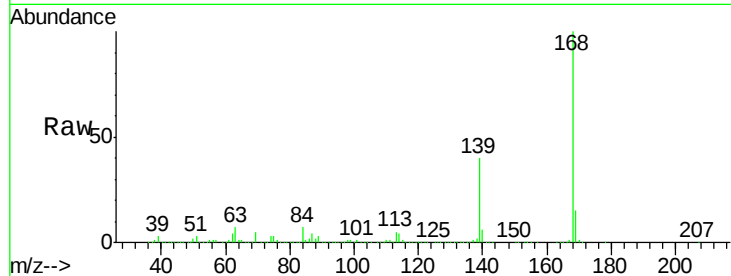
#55
Dibenzofuran
Concen: 46.304 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF119495.D
Acq: 24 Mar 2020 19:34

Instrument :
BNA_F
ClientSampleId :
TRACKS-66-67MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.9	30.2	45.4
169	14.7	11.1	16.7

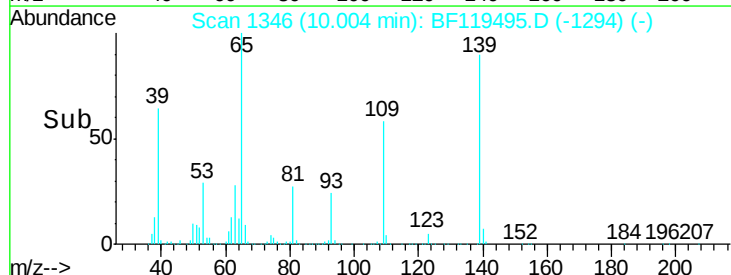
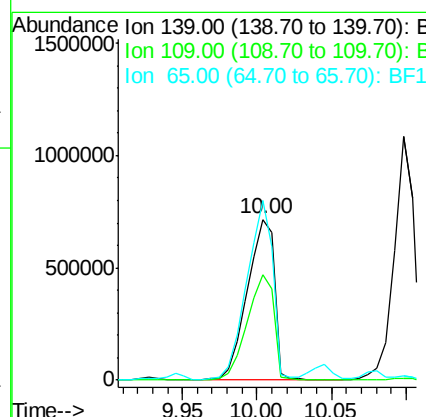
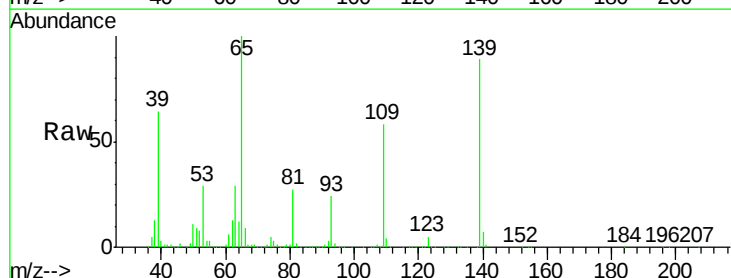
Manual Integrations
APPROVED

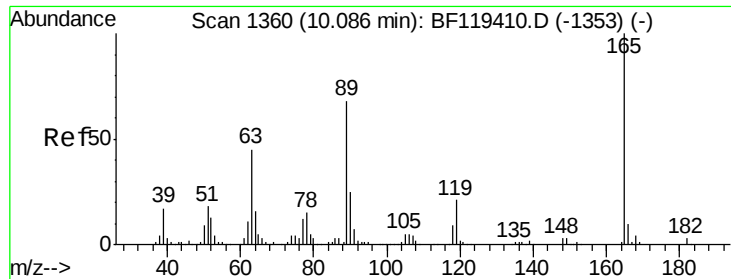
mohammad
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#56
4-Nitrophenol
Concen: 94.921 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BF119495.D
Acq: 24 Mar 2020 19:34

Tgt Ion	Ratio	Lower	Upper
139	100		
109	65.3	39.6	79.6
65	111.8	78.3	118.3





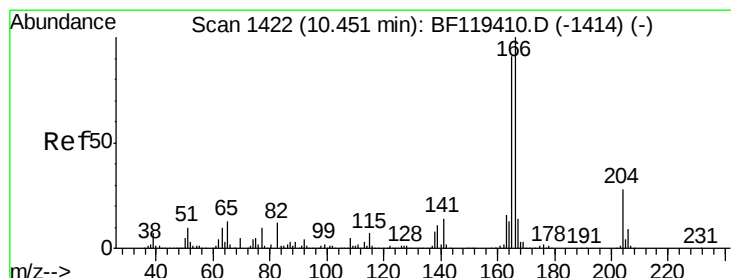
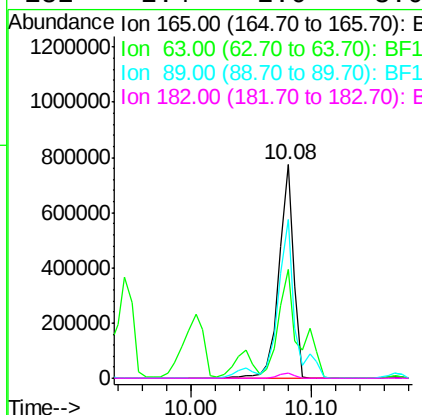
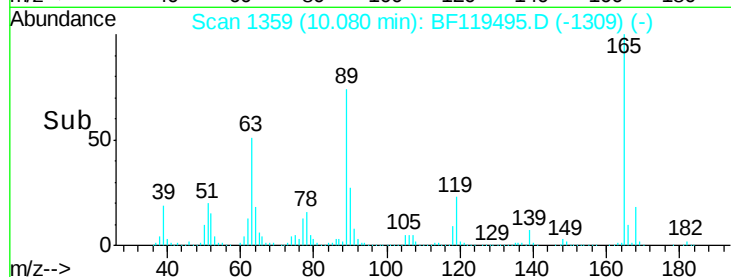
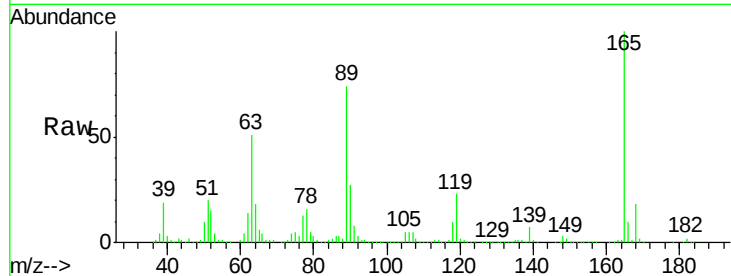
#57
2,4-Dinitrotoluene
Concen: 54.917 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF119495.D
Acq: 24 Mar 2020 19:34

Instrument :
BNA_F
ClientSampleId :
TRACKS-66-67MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	51.2	36.2	54.4
89	74.5	54.3	81.5
182	2.4	2.0	3.0

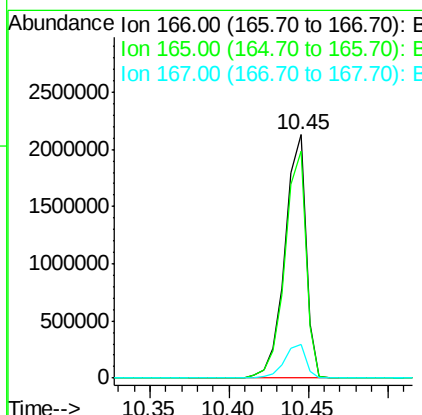
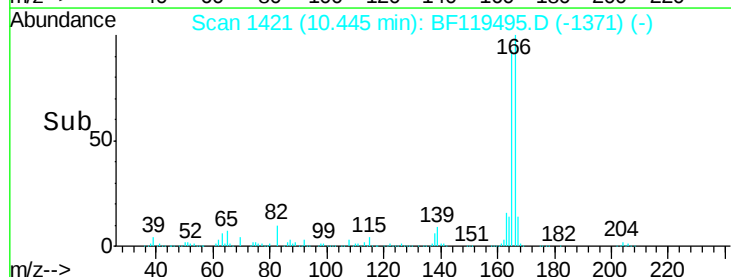
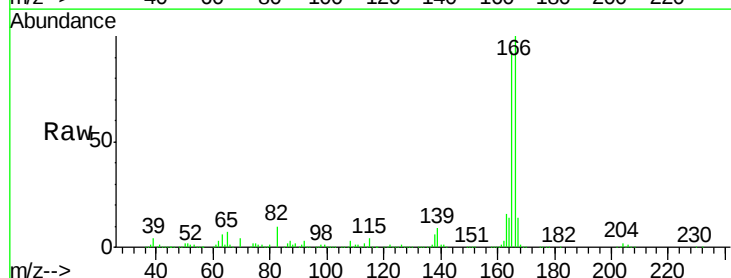
Manual Integrations
APPROVED

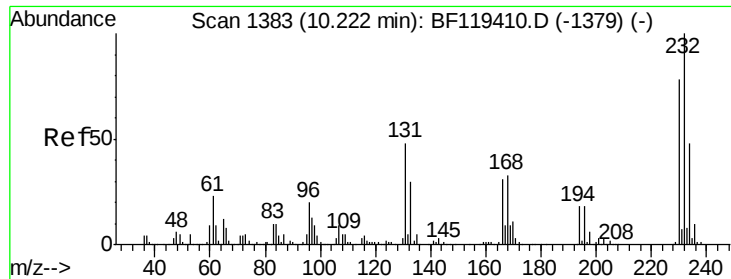
mohammad
3/25/2020 12:29:39 PM



#58
Fluorene
Concen: 47.494 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF119495.D
Acq: 24 Mar 2020 19:34

Tgt Ion	Ratio	Lower	Upper
166	100		
165	93.0	73.1	109.7
167	13.7	11.0	16.6





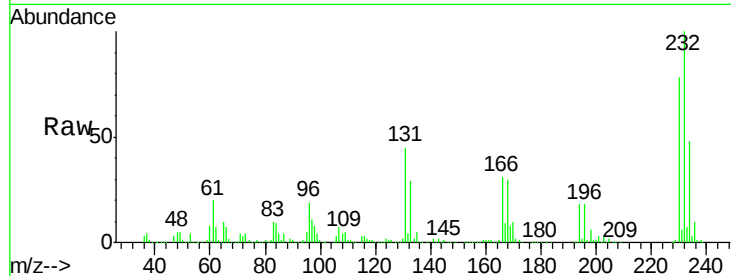
#59
2,3,4,6-Tetrachlorophenol
Concen: 52.183 ng
RT: 10.22 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BF119495.D
Acq: 24 Mar 2020 19:34

Instrument :
BNA_F
ClientSampleId :
TRACKS-66-67MSD

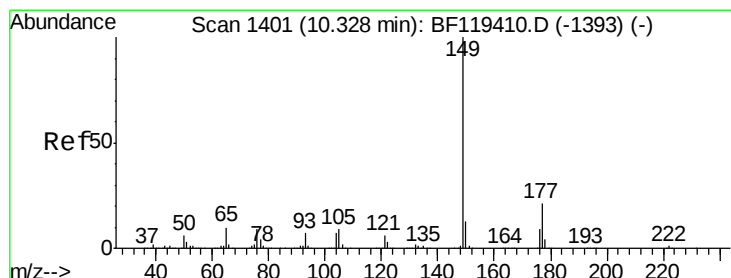
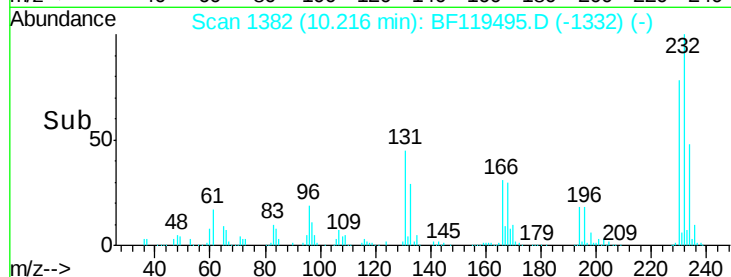
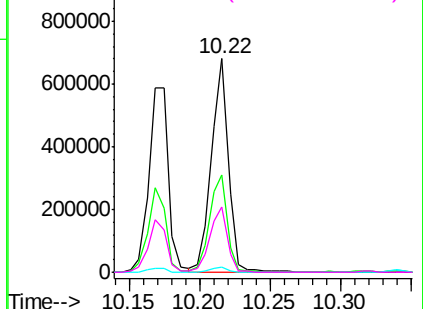
Tot Ion	Ratio	Lower	Upper
232	100		
131	47.1	36.3	54.5
130	2.3	1.8	2.6
166	31.6	24.9	37.3

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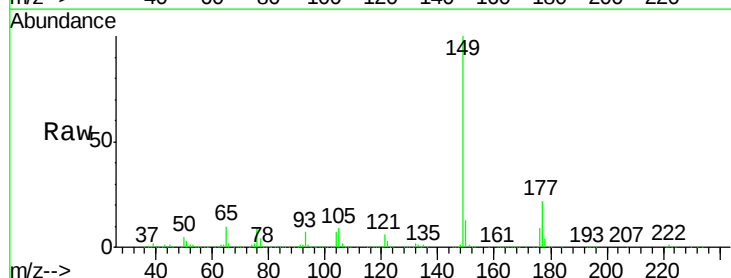


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

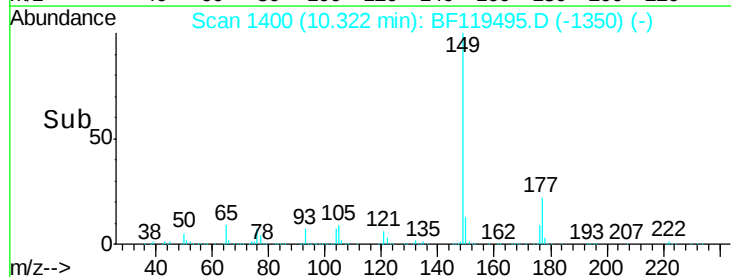
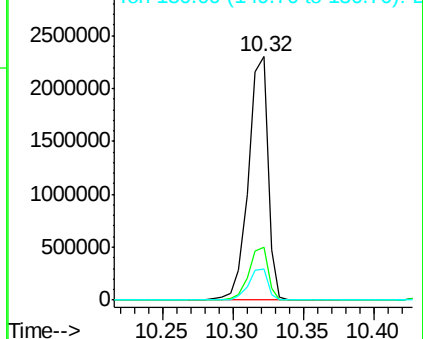


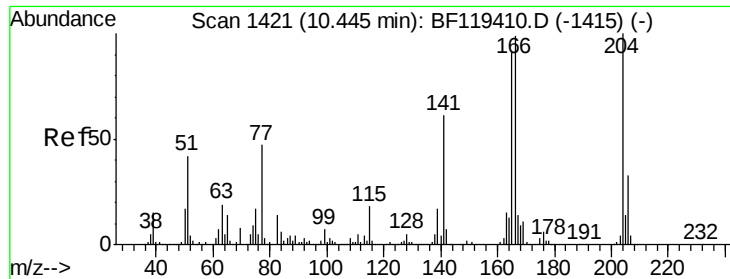
#60
Diethylphthalate
Concen: 49.846 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BF119495.D
Acq: 24 Mar 2020 19:34

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.9	17.0	25.6
150	12.6	10.2	15.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





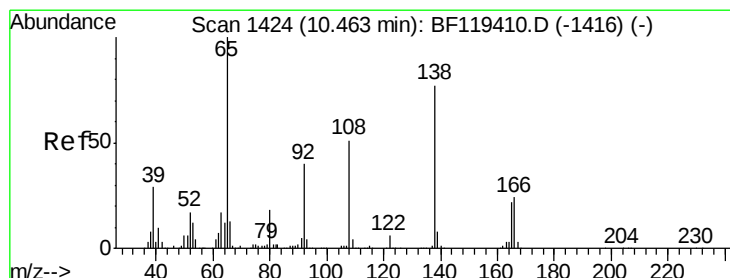
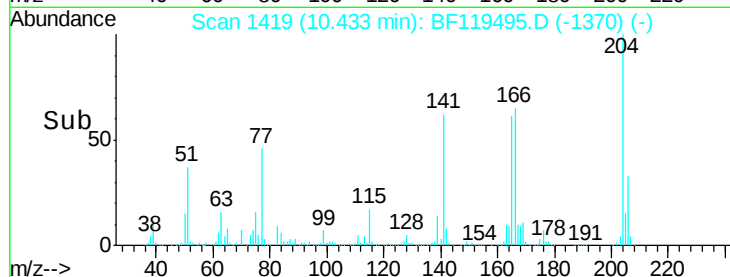
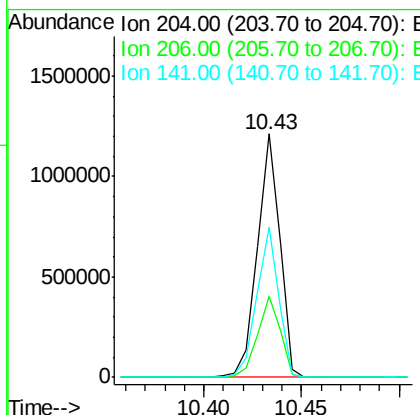
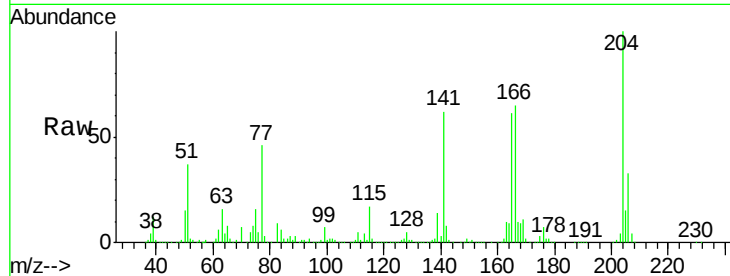
#61
4-Chlorophenyl-phenylether
Concen: 47.894 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF119495.D
Acq: 24 Mar 2020 19:34

Instrument :
BNA_F
ClientSampleId :
TRACKS-66-67MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.7	40.1
141	61.5	48.8	73.2

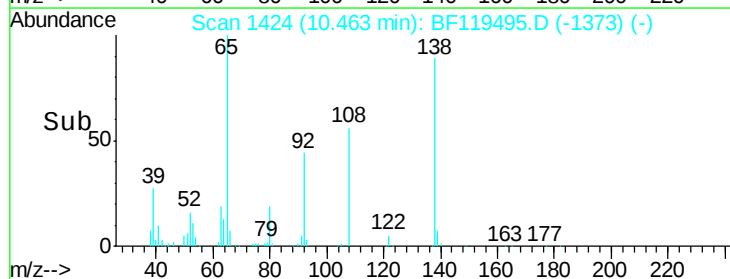
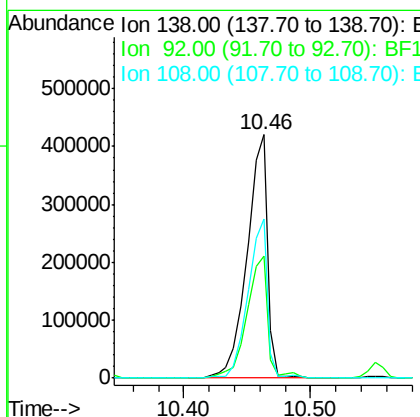
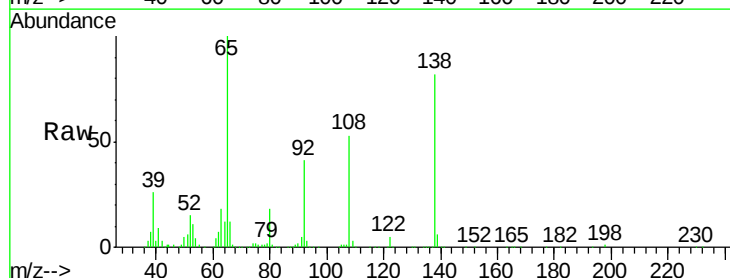
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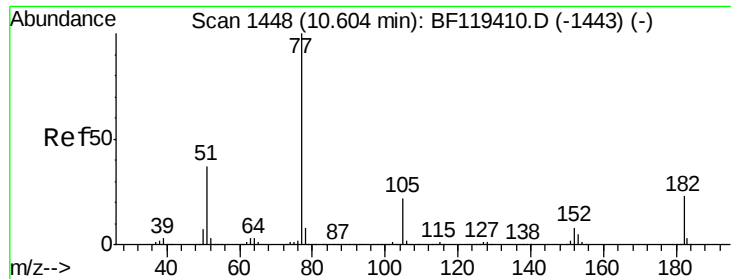
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#62
4-Nitroaniline
Concen: 41.174 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF119495.D
Acq: 24 Mar 2020 19:34

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.0	32.0	72.0
108	65.1	46.0	86.0





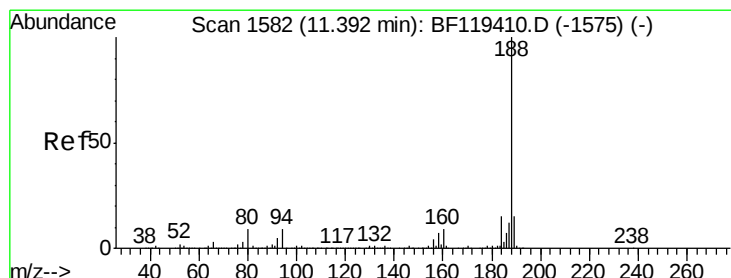
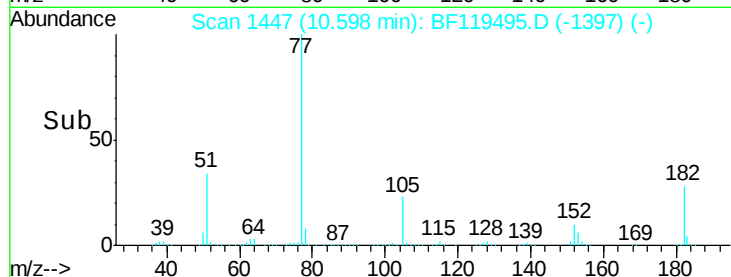
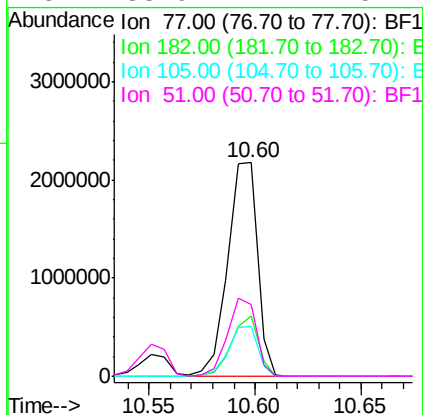
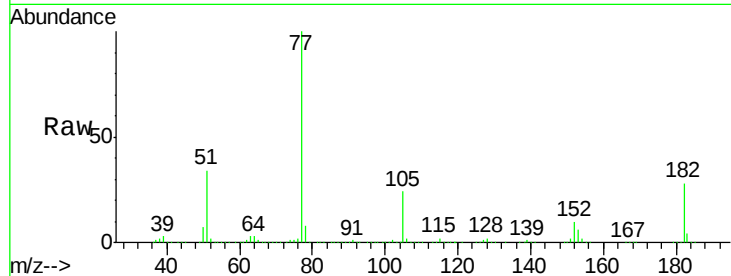
#63
Azobenzene
Concen: 46.706 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF119495.D
Acq: 24 Mar 2020 19:34

Instrument :
BNA_F
ClientSampleId :
TRACKS-66-67MSD

Tot Ion: 77 Resp: 2114252
Ion Ratio Lower Upper
77 100
182 28.3 2.5 42.5
105 23.7 2.5 42.5
51 33.9 17.1 57.1

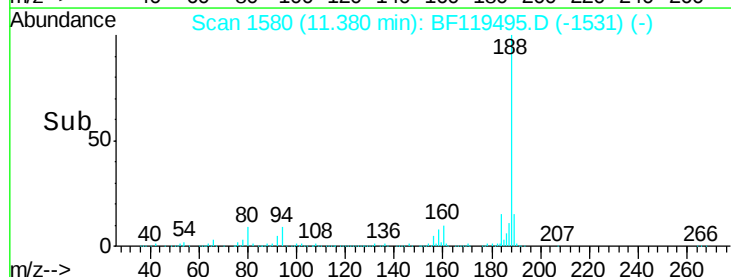
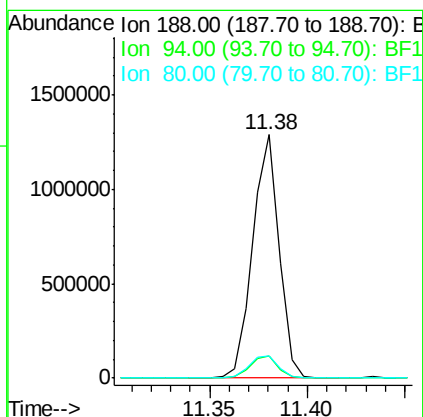
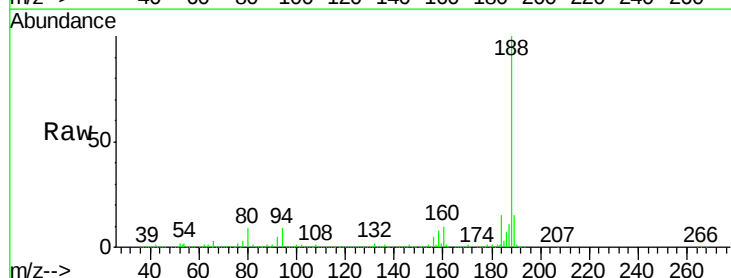
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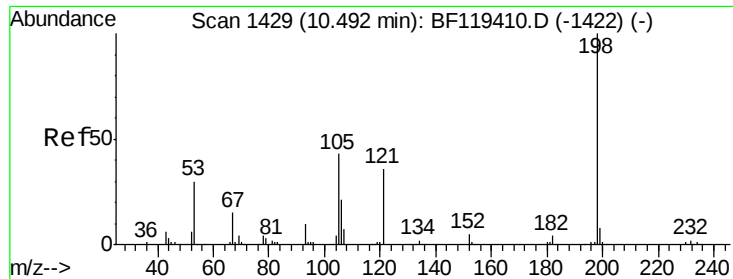
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF119495.D
Acq: 24 Mar 2020 19:34

Tgt Ion: 188 Resp: 1207748
Ion Ratio Lower Upper
188 100
94 8.9 7.1 10.7
80 9.3 7.5 11.3





#65

4,6-Dinitro-2-methylphenol

Concen: 60.706 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.01 min

Lab File: BF119495.D

Acq: 24 Mar 2020 19:34

Instrument :

BNA_F

ClientSampleId :

TRACKS-66-67MSD

Tot Ion:198 Resp: 307439

Ion Ratio Lower Upper

198 100

51 59.6 33.1 73.1

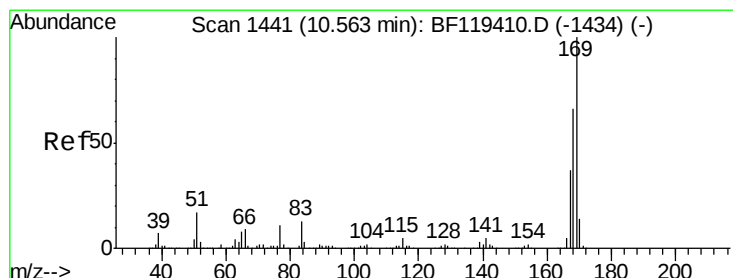
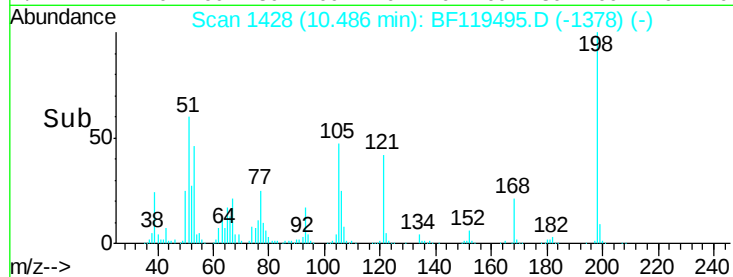
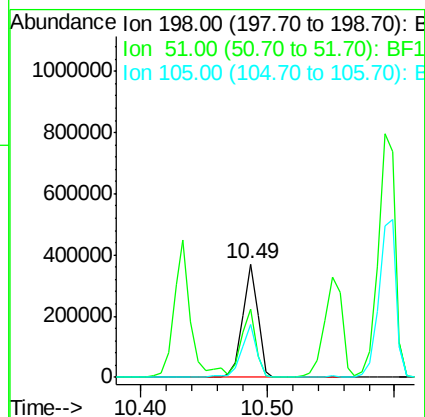
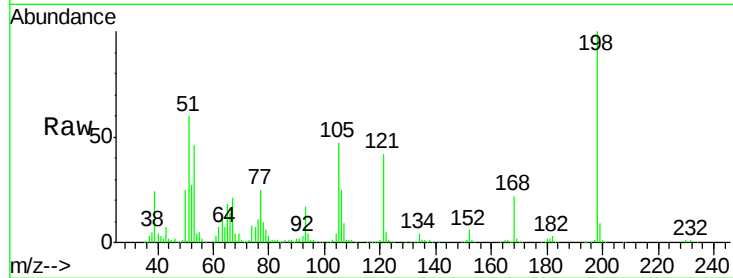
105 46.9 24.1 64.1

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#66

n-Nitrosodiphenylamine

Concen: 46.534 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BF119495.D

Acq: 24 Mar 2020 19:34

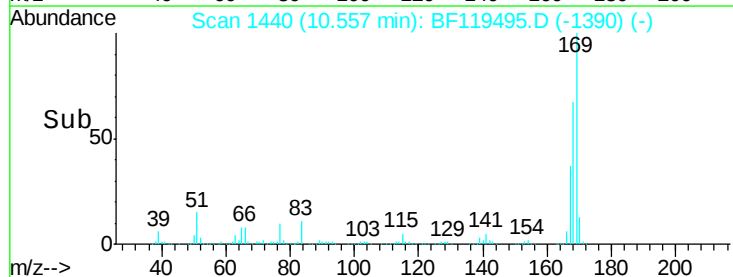
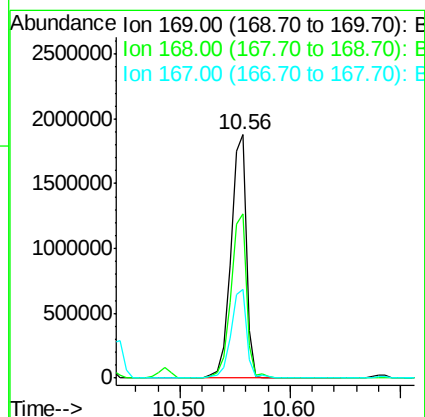
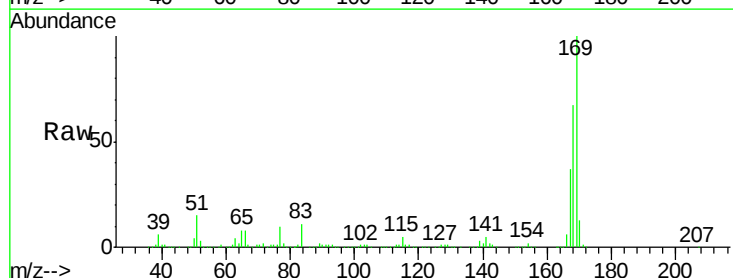
Tgt Ion:169 Resp: 1844985

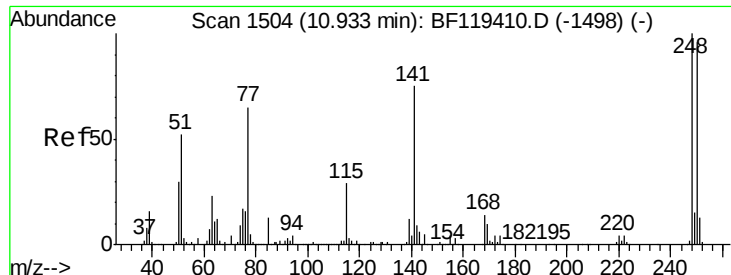
Ion Ratio Lower Upper

169 100

168 67.3 52.7 79.1

167 36.6 29.3 43.9





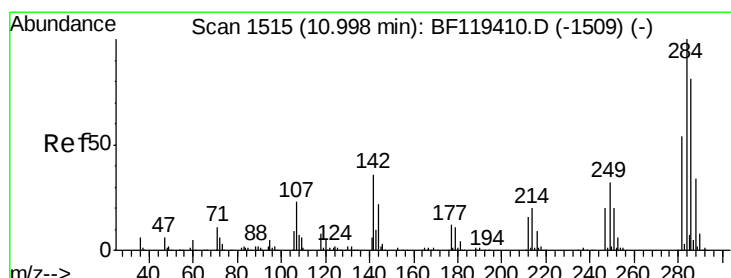
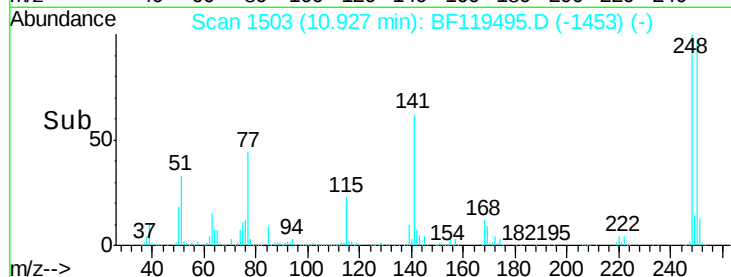
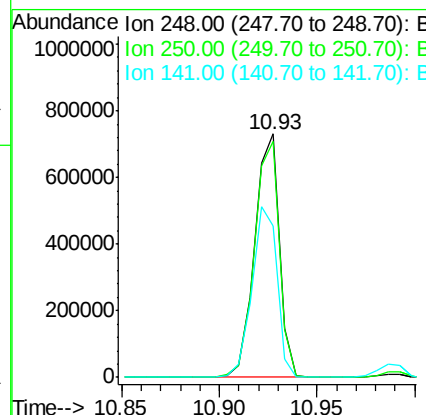
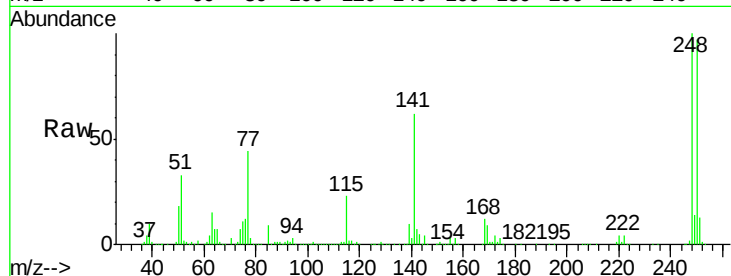
#67
4-Bromophenyl-phenylether
Concen: 46.481 ng
RT: 10.93 min Scan# 1503
Delta R.T. -0.01 min
Lab File: BF119495.D
Acq: 24 Mar 2020 19:34

Instrument :
BNA_F
ClientSampleId :
TRACKS-66-67MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.9	77.0	115.6
141	62.0	59.7	89.5

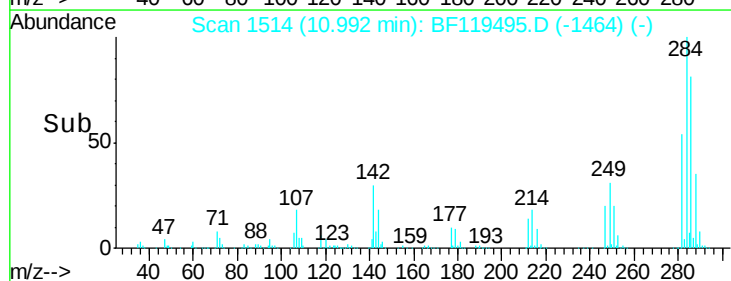
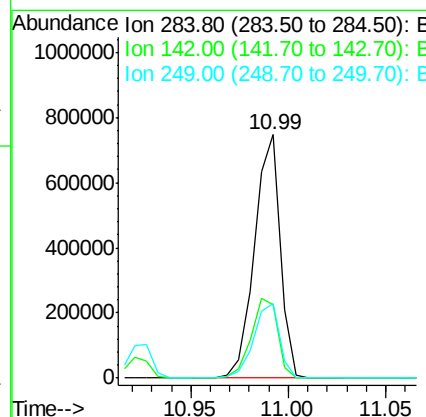
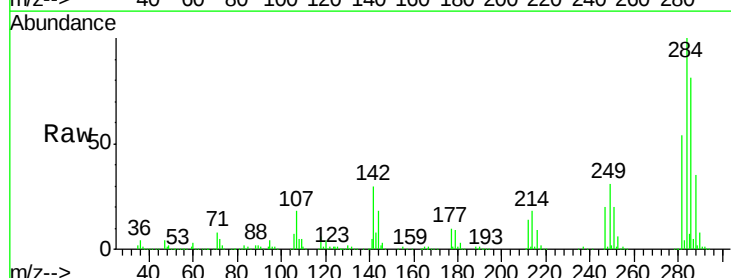
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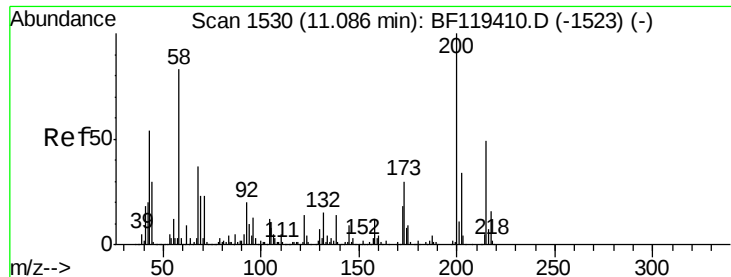
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#68
Hexachlorobenzene
Concen: 48.450 ng
RT: 10.99 min Scan# 1514
Delta R.T. -0.01 min
Lab File: BF119495.D
Acq: 24 Mar 2020 19:34

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.1	28.7	43.1
249	30.8	25.4	38.0





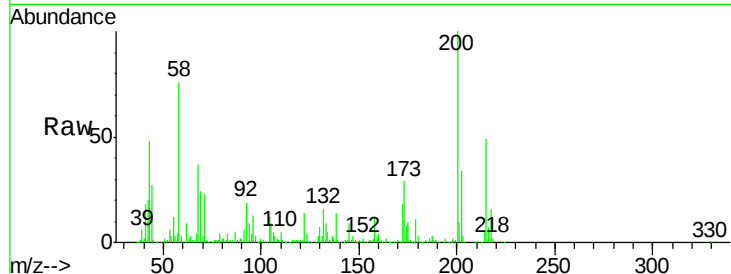
#69
Atrazine
Concen: 50.991 ng
RT: 11.08 min Scan# 1529
Delta R.T. -0.01 min
Lab File: BF119495.D
Acq: 24 Mar 2020 19:34

Instrument :
BNA_F
ClientSampleId :
TRACKS-66-67MSD

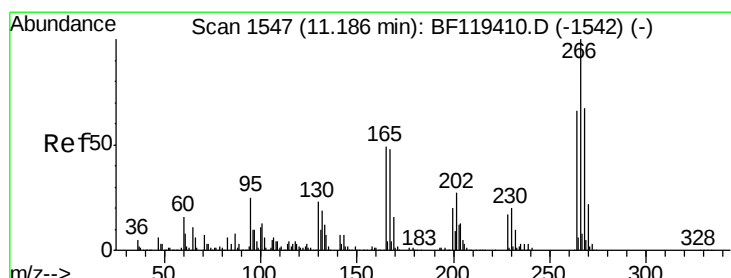
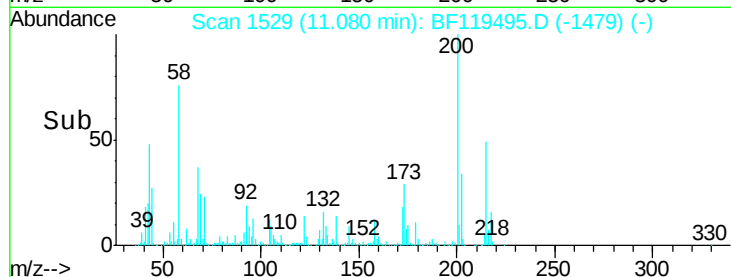
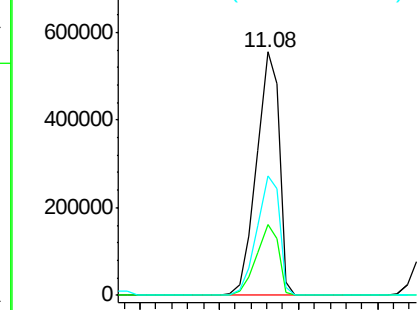
Tot Ion	Ratio	Resp	Lower	Upper
200	100	554258		
173	29.0		9.9	49.9
215	49.3		29.4	69.4

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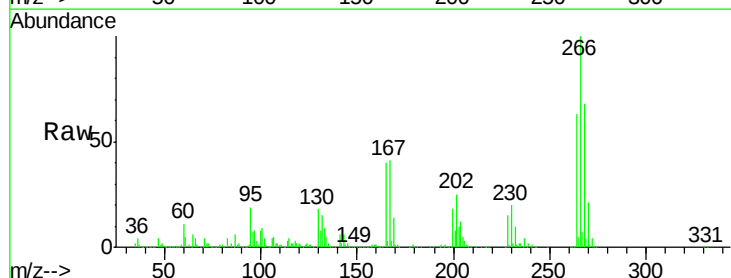


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

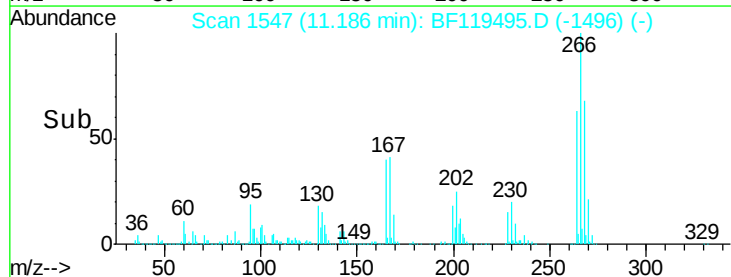
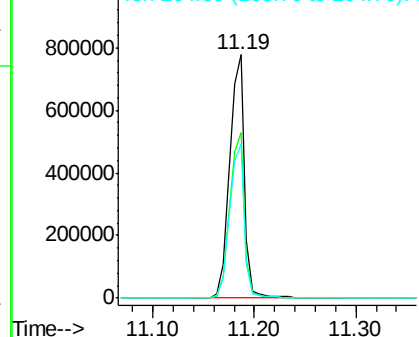


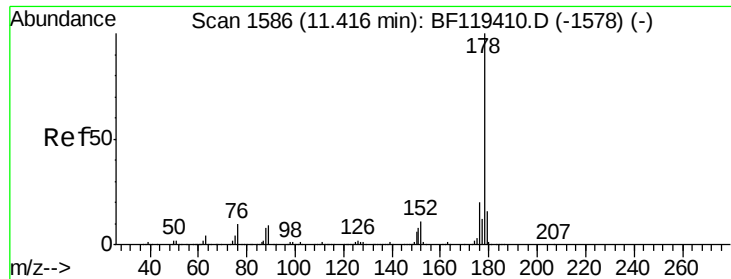
#70
Pentachlorophenol
Concen: 95.076 ng
RT: 11.19 min Scan# 1547
Delta R.T. 0.00 min
Lab File: BF119495.D
Acq: 24 Mar 2020 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	784803		
268	68.2		53.7	80.5
264	63.3		52.5	78.7



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 45.472 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF119495.D

Acq: 24 Mar 2020 19:34

Instrument :

BNA_F

ClientSampleId :

TRACKS-66-67MSD

Tot Ion:178 Resp: 2847681

Ion Ratio Lower Upper

178 100

176 20.7 16.2 24.4

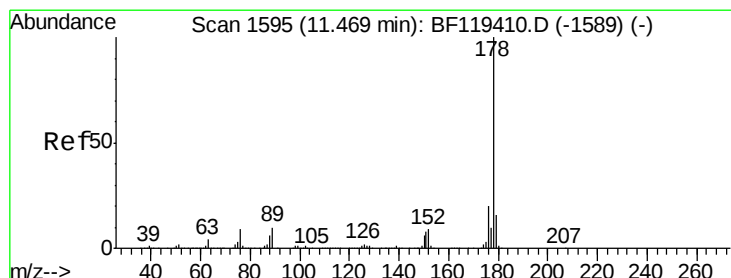
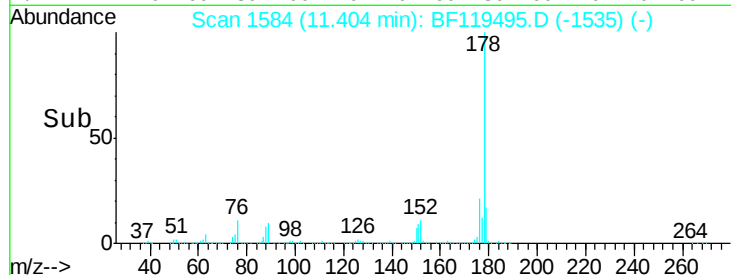
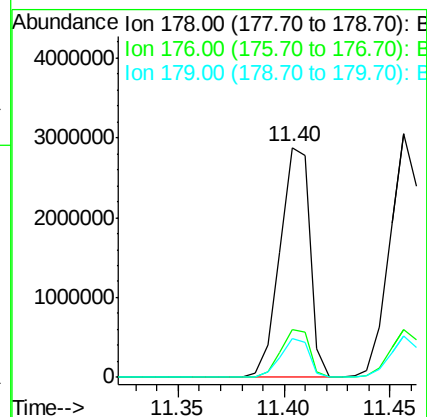
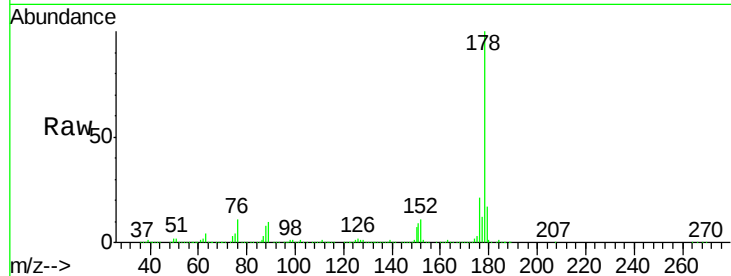
179 17.1 12.9 19.3

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#72

Anthracene

Concen: 46.299 ng

RT: 11.46 min Scan# 1593

Delta R.T. -0.01 min

Lab File: BF119495.D

Acq: 24 Mar 2020 19:34

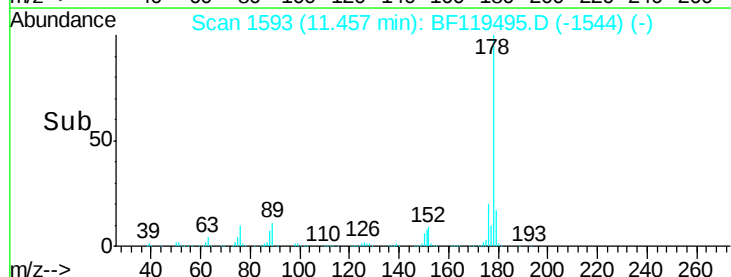
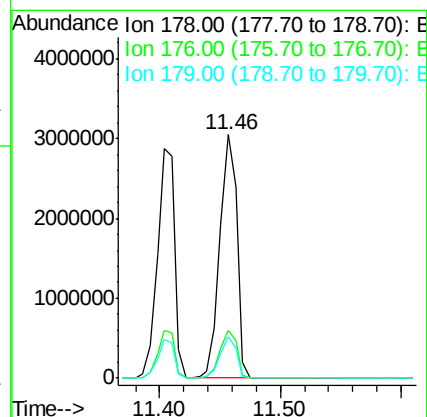
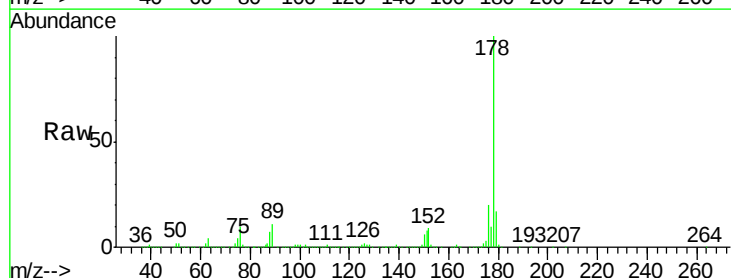
Tgt Ion:178 Resp: 2946865

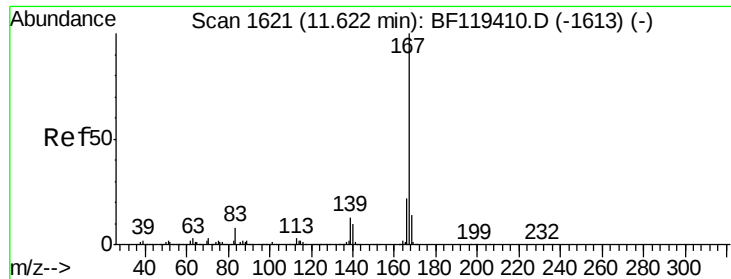
Ion Ratio Lower Upper

178 100

176 19.9 15.6 23.4

179 16.9 13.1 19.7





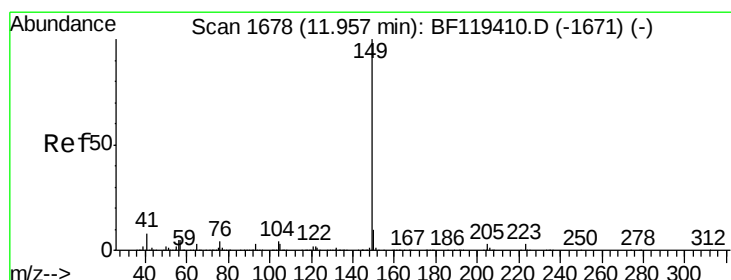
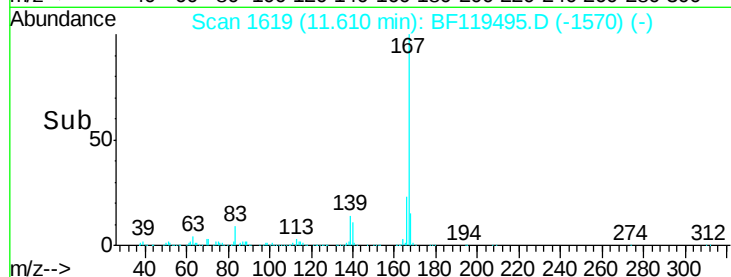
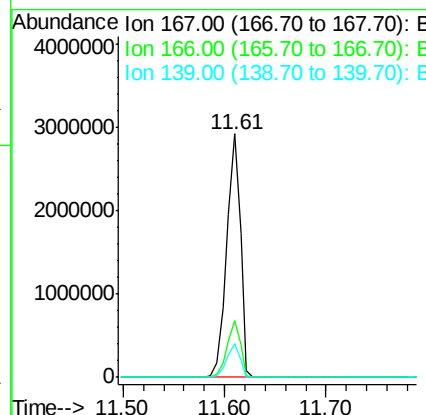
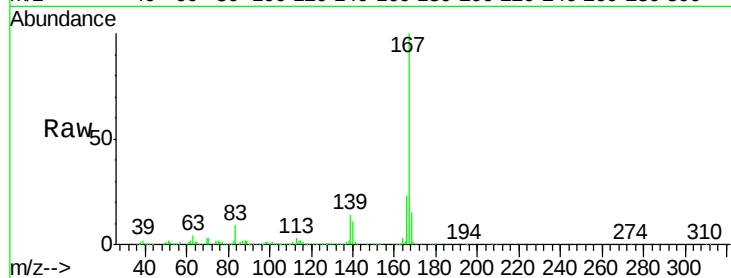
#73
 Carbazole
 Concen: 43.469 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. -0.01 min
 Lab File: BF119495.D
 Acq: 24 Mar 2020 19:34

Instrument :
 BNA_F
 ClientSampleId :
 TRACKS-66-67MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.3	17.8	26.6
139	14.0	10.2	15.4

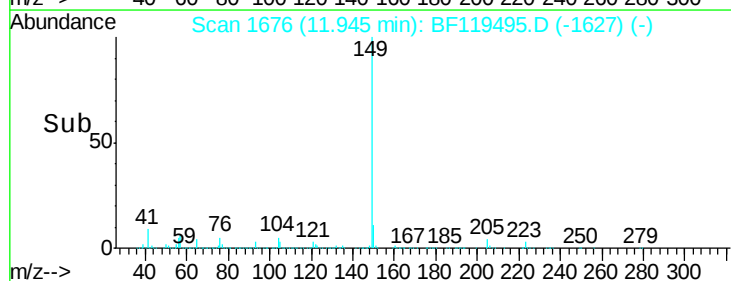
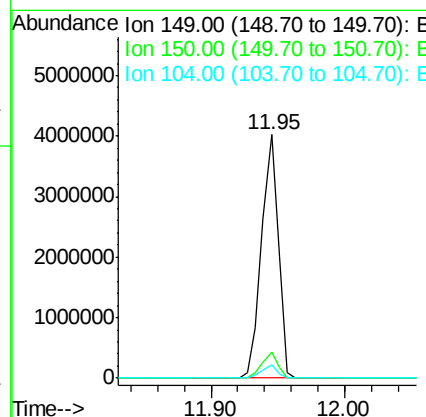
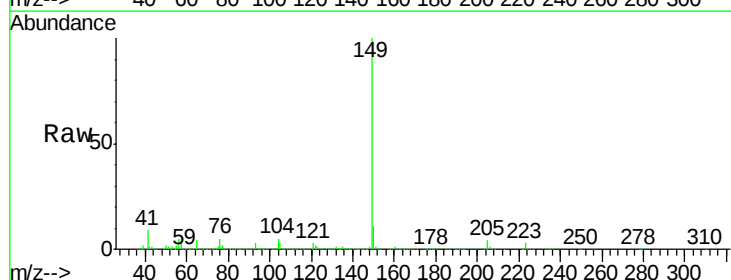
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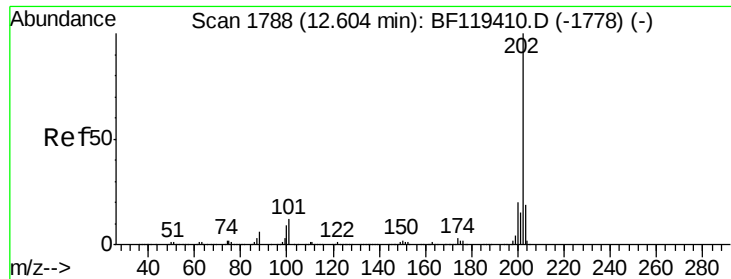
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#74
 Di-n-butylphthalate
 Concen: 50.904 ng
 RT: 11.95 min Scan# 1676
 Delta R.T. -0.01 min
 Lab File: BF119495.D
 Acq: 24 Mar 2020 19:34

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.6	7.6	11.4
104	5.2	3.5	5.3





#75

Fluoranthene

Concen: 45.639 ng

RT: 12.59 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF119495.D

Acq: 24 Mar 2020 19:34

Instrument :

BNA_F

ClientSampleId :

TRACKS-66-67MSD

Tot Ion:202 Resp: 3093209

Ion Ratio Lower Upper

202 100

101 13.1 0.0 32.4

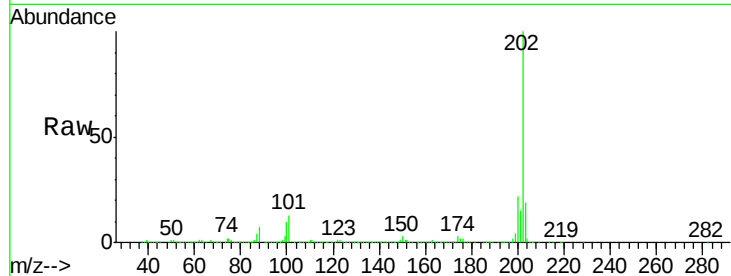
203 19.1 0.0 38.5

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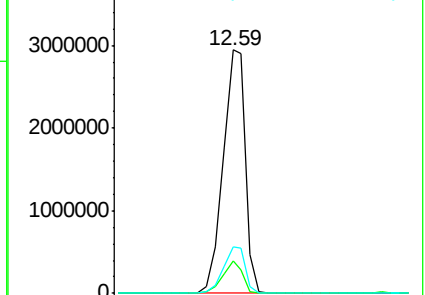
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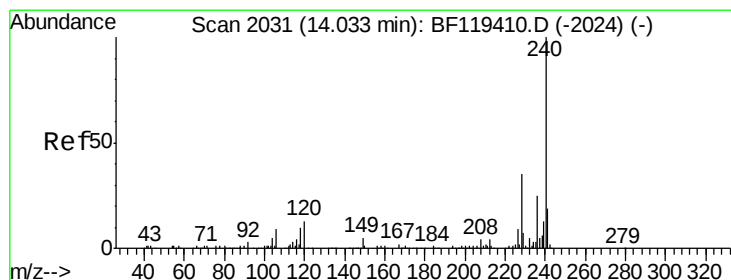
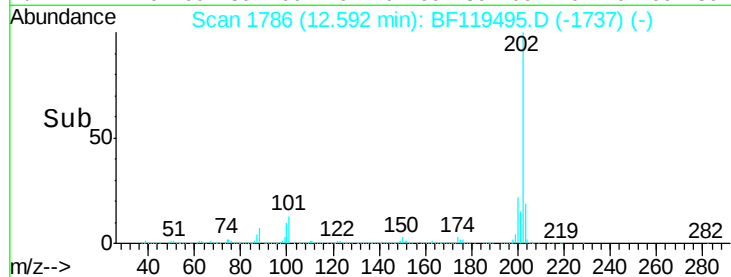
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF119495.D

Acq: 24 Mar 2020 19:34

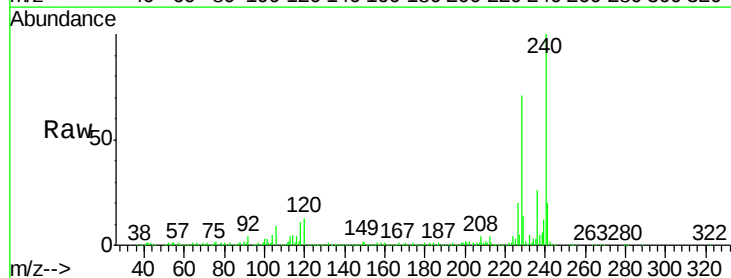
Tgt Ion:240 Resp: 804606

Ion Ratio Lower Upper

240 100

120 13.4 10.2 15.4

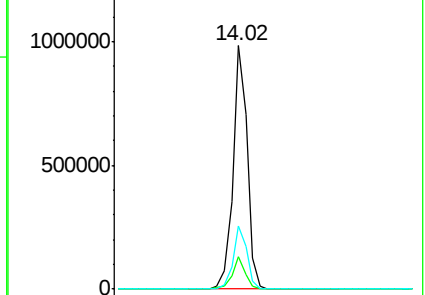
236 25.9 20.4 30.6



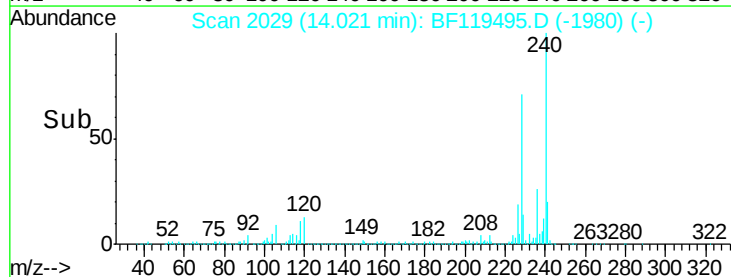
Abundance Ion 240.00 (239.70 to 240.70): E

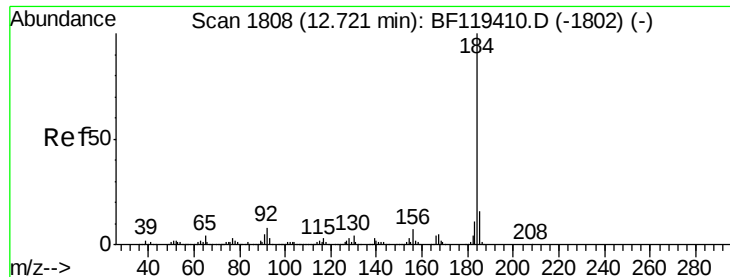
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#77

Benzidine

Concen: 31.589 ng

RT: 12.71 min Scan# 1806

Delta R.T. -0.01 min

Lab File: BF119495.D

Acq: 24 Mar 2020 19:34

Instrument :

BNA_F

ClientSampleId :

TRACKS-66-67MSD

Tot Ion:184 Resp: 1075644

Ion Ratio Lower Upper

184 100

185 15.1 12.9 19.3

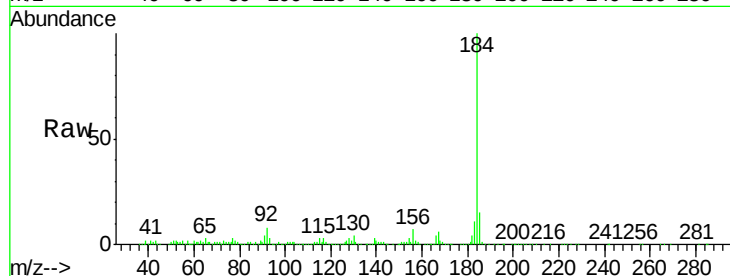
183 11.1 9.0 13.4

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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

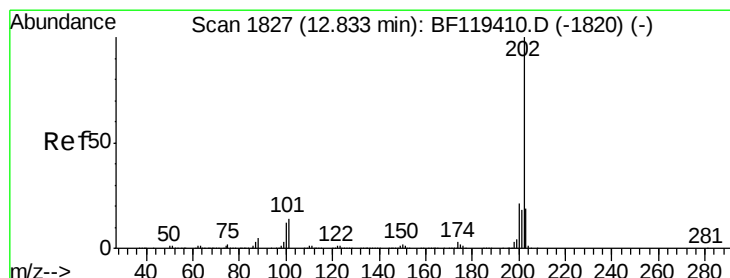
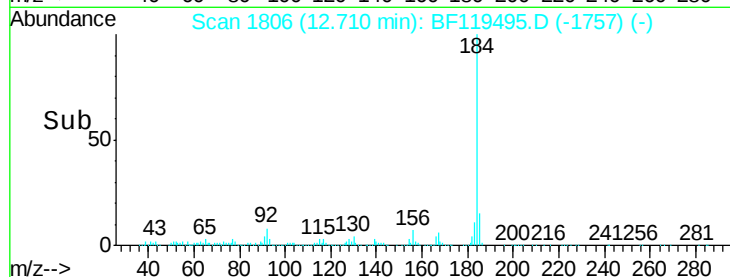
12.71

1000000

500000

0

Time--> 12.60 12.70 12.80



#78

Pyrene

Concen: 47.025 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF119495.D

Acq: 24 Mar 2020 19:34

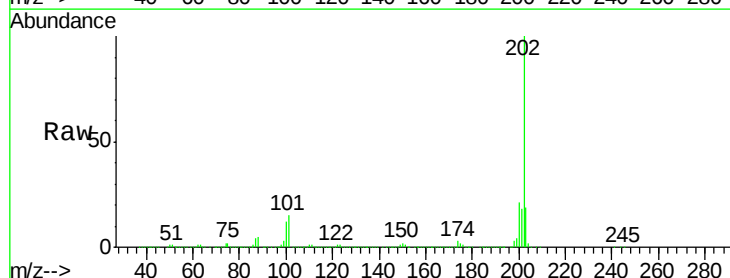
Tgt Ion:202 Resp: 3105184

Ion Ratio Lower Upper

202 100

200 21.4 16.8 25.2

203 19.1 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

12.82

4000000

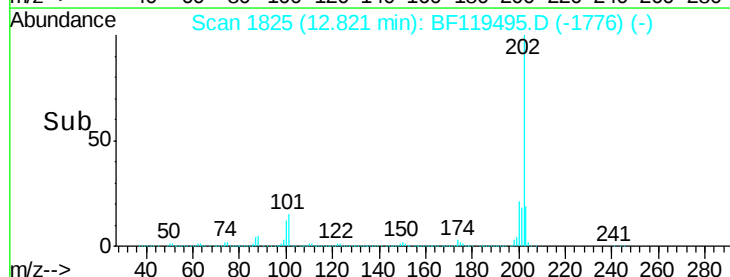
3000000

2000000

1000000

0

Time--> 12.80 12.90





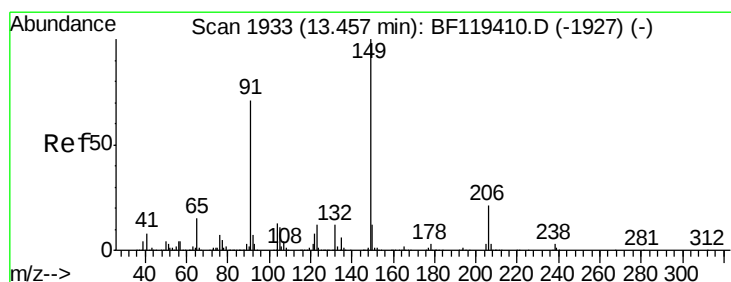
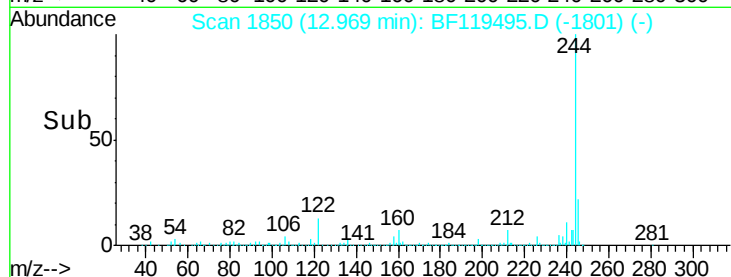
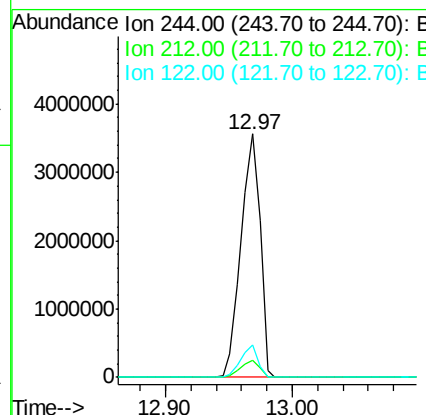
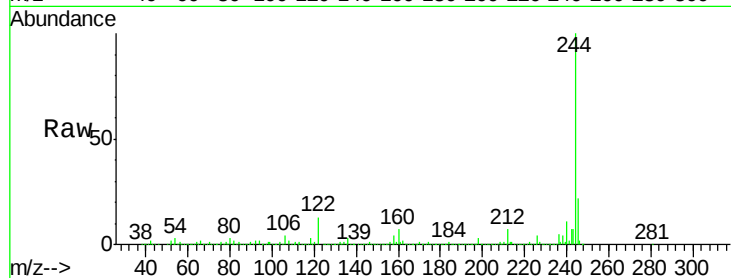
#79
 Terphenyl-d14
 Concen: 89.651 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. -0.01 min
 Lab File: BF119495.D
 Acq: 24 Mar 2020 19:34

Instrument :
 BNA_F
 ClientSampleId :
 TRACKS-66-67MSD

Tot Ion:244 Resp: 3681756
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 13.3 9.8 14.8

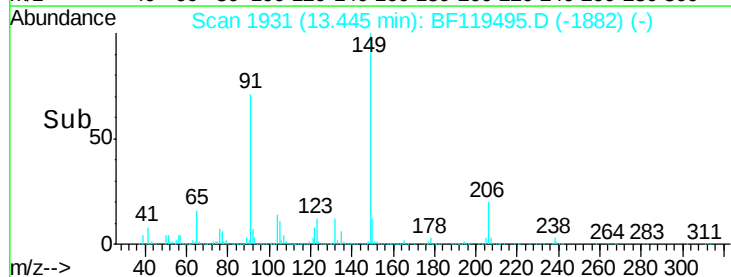
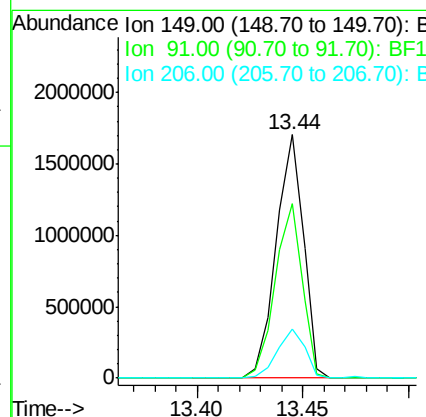
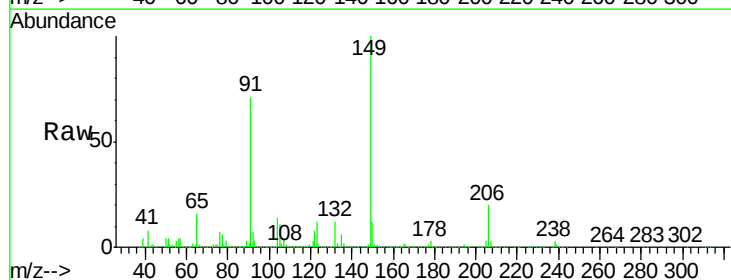
Manual Integrations
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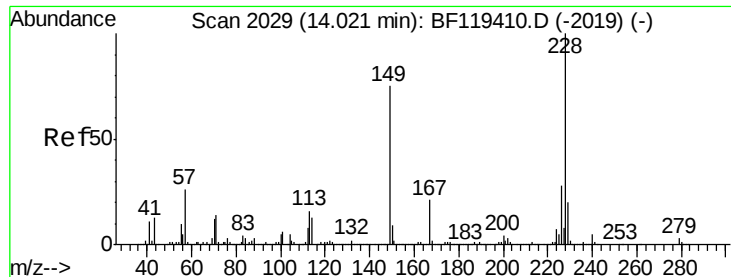
mohammad
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#80
 Butylbenzylphthalate
 Concen: 57.435 ng
 RT: 13.44 min Scan# 1931
 Delta R.T. -0.01 min
 Lab File: BF119495.D
 Acq: 24 Mar 2020 19:34

Tgt Ion:149 Resp: 1533955
 Ion Ratio Lower Upper
 149 100
 91 71.5 57.0 85.6
 206 20.1 16.4 24.6





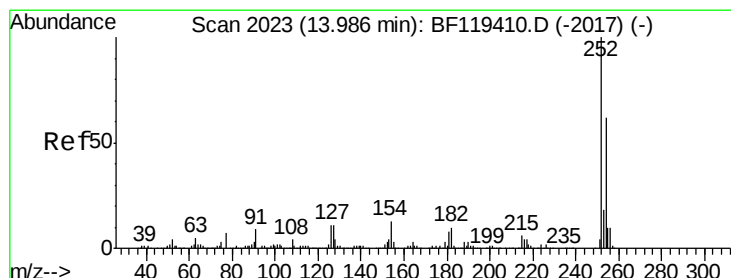
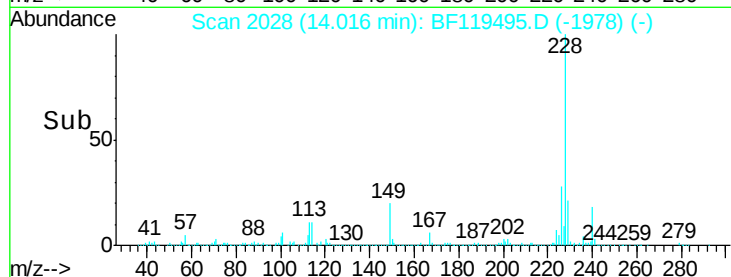
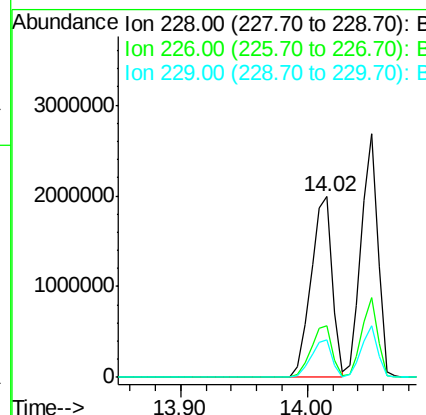
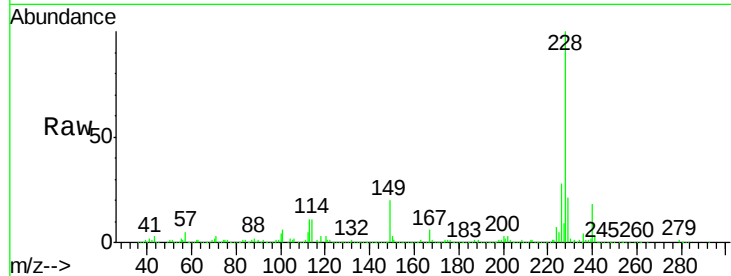
#81
Benzo(a)anthracene
Concen: 44.495 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF119495.D
Acq: 24 Mar 2020 19:34

Instrument :
BNA_F
ClientSampleId :
TRACKS-66-67MSD

Tot Ion:228 Resp: 2328080
Ion Ratio Lower Upper
228 100
226 28.3 22.3 33.5
229 20.8 16.3 24.5

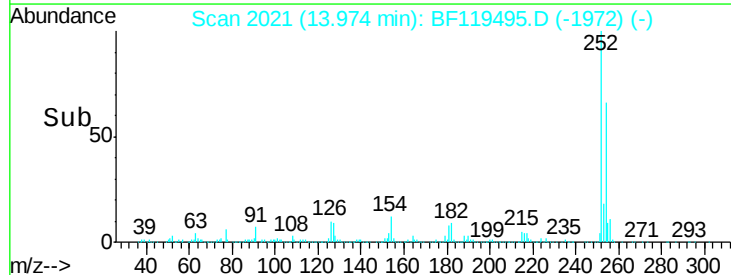
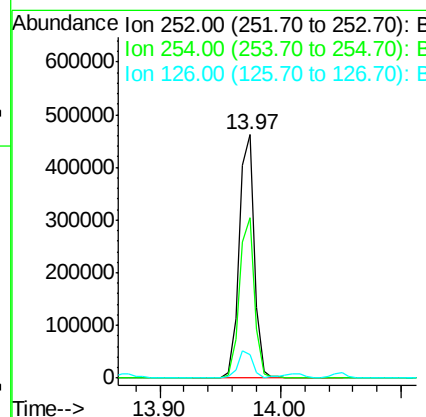
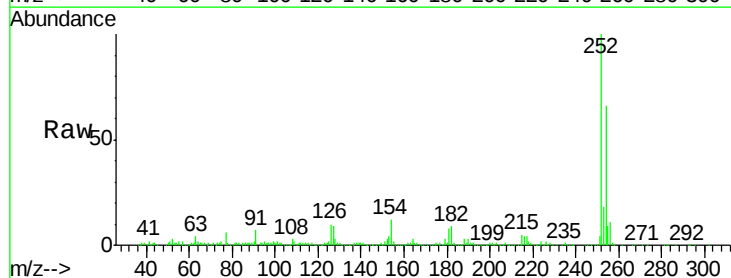
Manual Integrations
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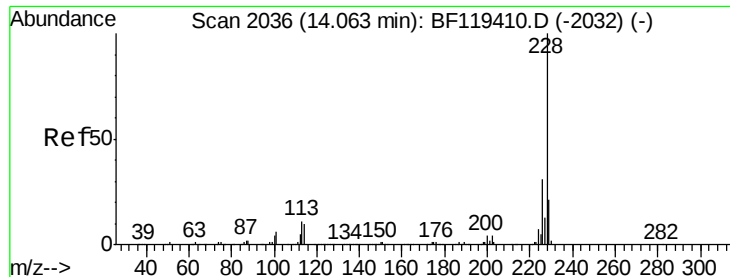
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 19.714 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF119495.D
Acq: 24 Mar 2020 19:34

Tgt Ion:252 Resp: 406705
Ion Ratio Lower Upper
252 100
254 65.7 49.8 74.8
126 9.7 8.9 13.3





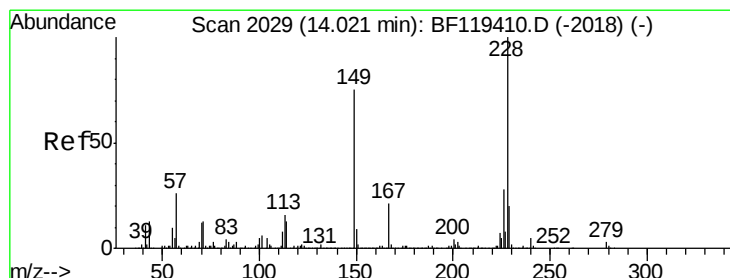
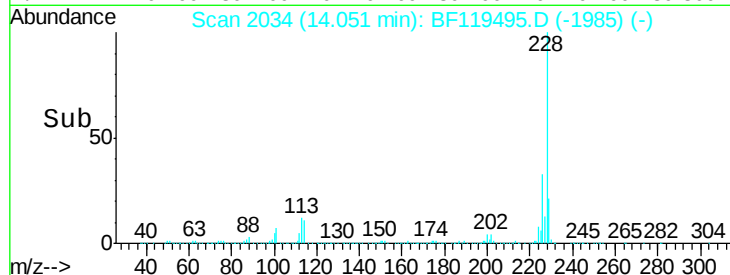
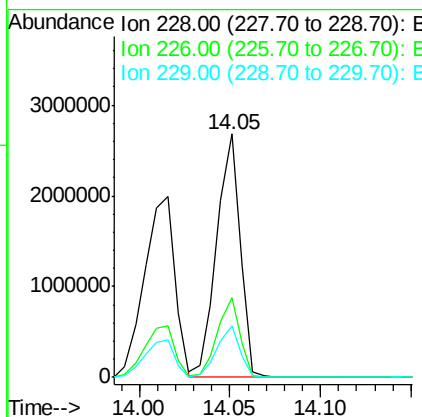
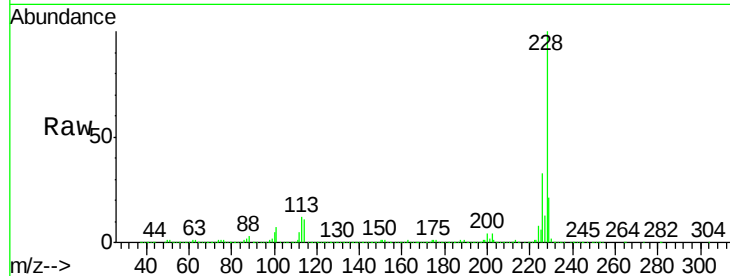
#83
Chrysene
Concen: 44.823 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF119495.D
Acq: 24 Mar 2020 19:34

Instrument :
BNA_F
ClientSampleId :
TRACKS-66-67MSD

Tot Ion:228 Resp: 2420386
Ion Ratio Lower Upper
228 100
226 32.6 24.8 37.2
229 21.2 16.6 25.0

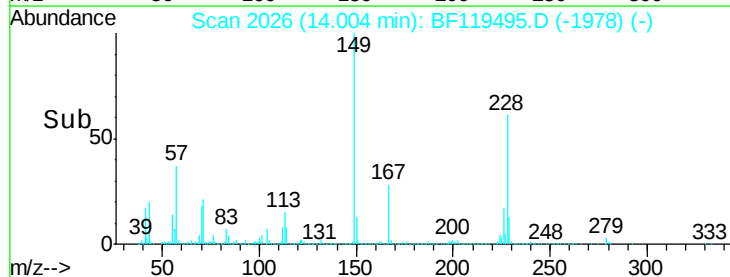
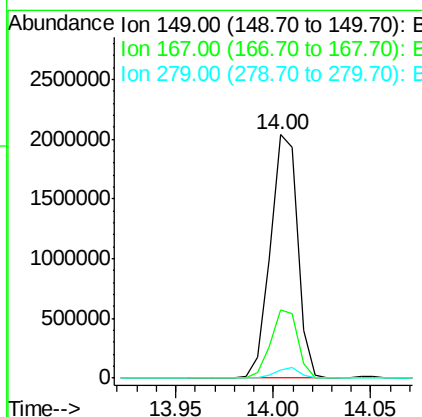
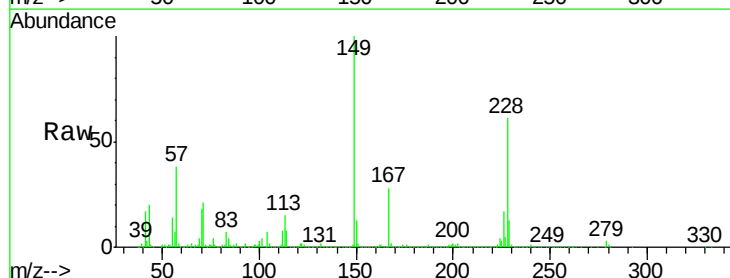
Manual Integrations
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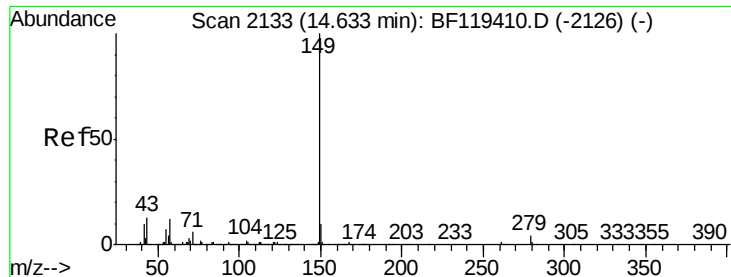
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 61.691 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BF119495.D
Acq: 24 Mar 2020 19:34

Tgt Ion:149 Resp: 1964102
Ion Ratio Lower Upper
149 100
167 27.9 22.0 33.0
279 3.5 3.2 4.8





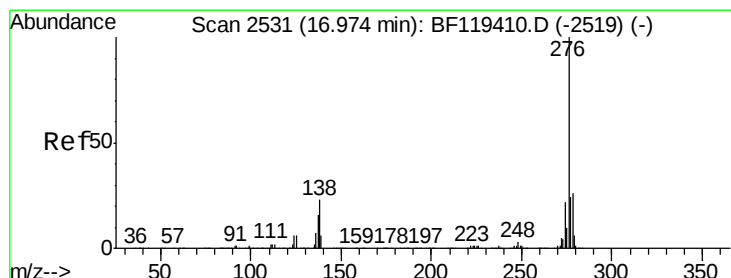
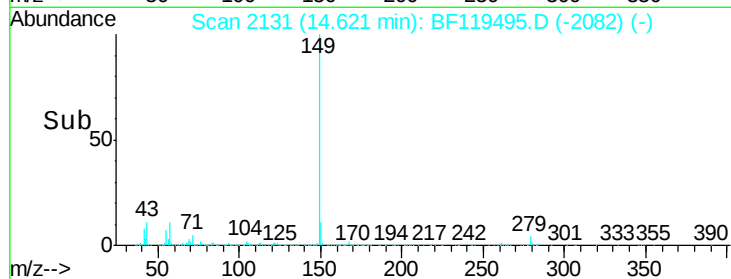
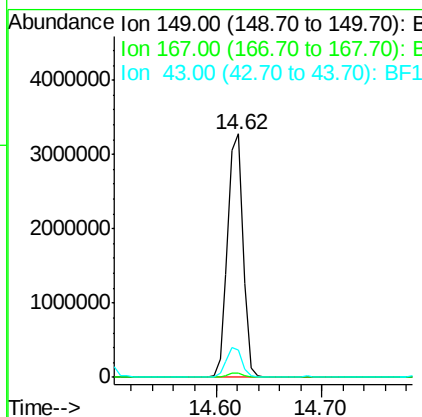
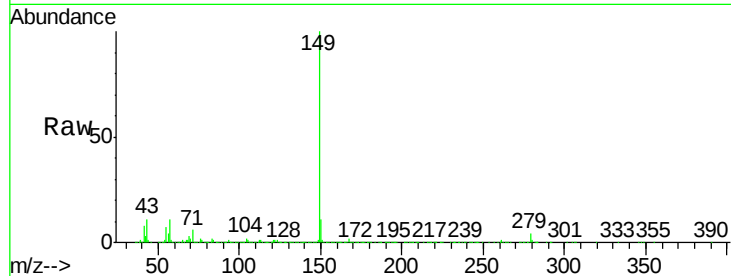
#85
Di-n-octyl phthalate
Concen: 59.228 ng
RT: 14.62 min Scan# 2131
Delta R.T. -0.01 min
Lab File: BF119495.D
Acq: 24 Mar 2020 19:34

Instrument :
BNA_F
ClientSampleId :
TRACKS-66-67MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.1	1.7
43	11.9	10.1	15.1

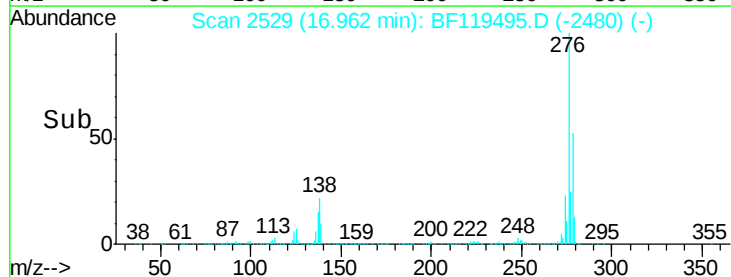
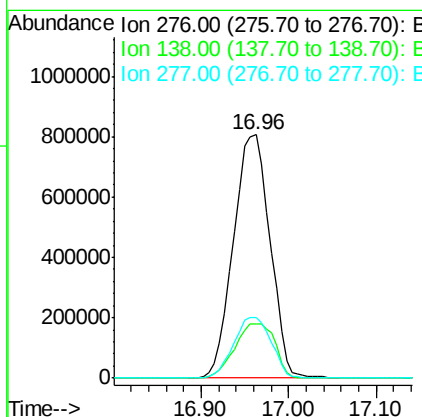
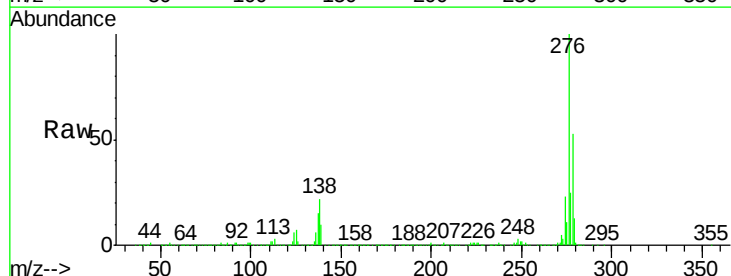
Manual Integrations
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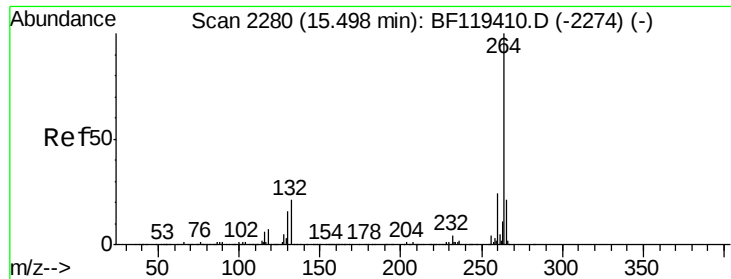
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 45.047 ng
RT: 16.96 min Scan# 2529
Delta R.T. -0.01 min
Lab File: BF119495.D
Acq: 24 Mar 2020 19:34

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.7	21.3	31.9
277	25.7	20.2	30.2





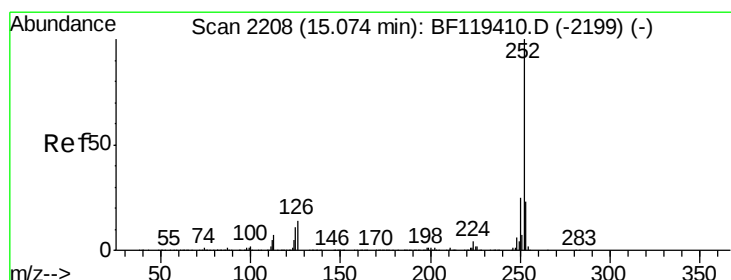
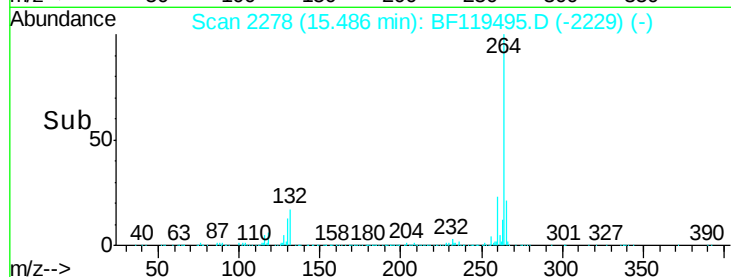
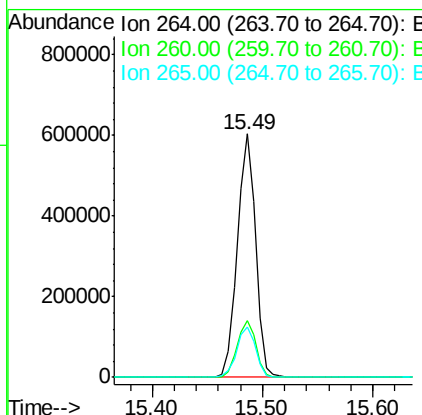
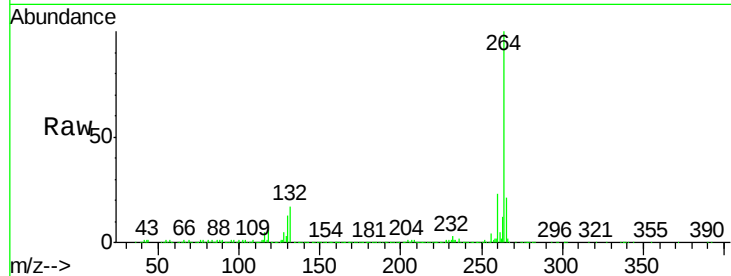
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF119495.D
Acq: 24 Mar 2020 19:34

Instrument :
BNA_F
ClientSampleId :
TRACKS-66-67MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	20.8	16.9	25.3

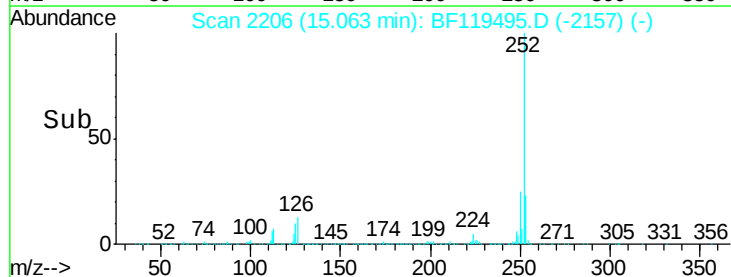
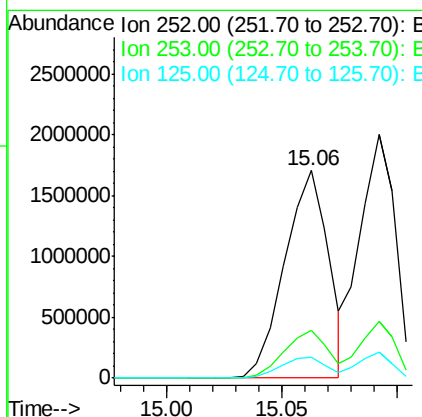
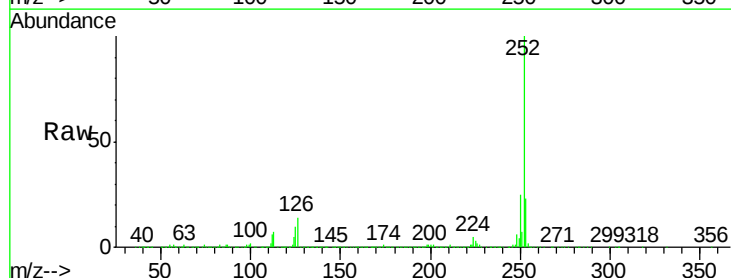
Manual Integrations
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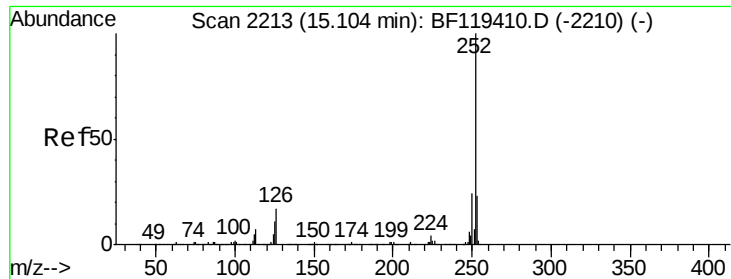
mohammad
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#88
Benzo(b)fluoranthene
Concen: 47.618 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF119495.D
Acq: 24 Mar 2020 19:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.4
125	10.1	8.8	13.2





#89

Benzo(k)fluoranthene

Concen: 48.124 ng

RT: 15.09 min Scan# 2211

Delta R.T. -0.01 min

Lab File: BF119495.D

Acq: 24 Mar 2020 19:34

Instrument :

BNA_F

ClientSampleId :

TRACKS-66-67MSD

Tot Ion:252 Resp: 2157114

Ion Ratio Lower Upper

252 100

253 23.4 18.2 27.4

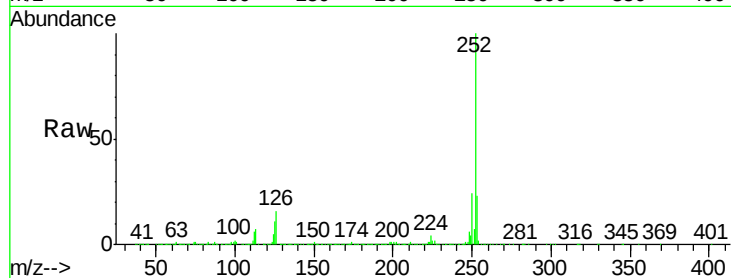
125 10.8 9.0 13.4

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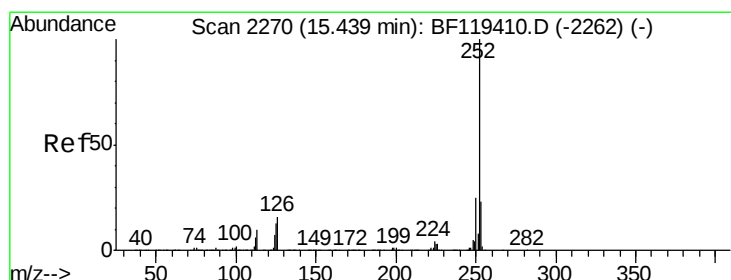
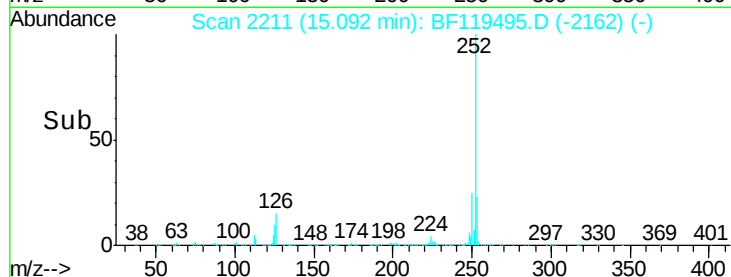
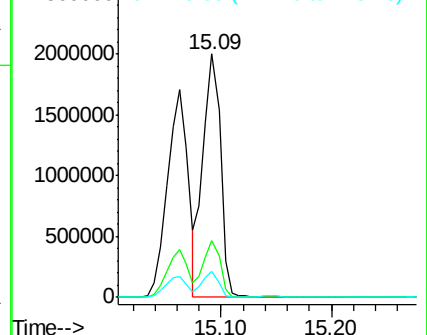
3/25/2020 12:29:39 PM



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: 46.172 ng

RT: 15.43 min Scan# 2268

Delta R.T. -0.01 min

Lab File: BF119495.D

Acq: 24 Mar 2020 19:34

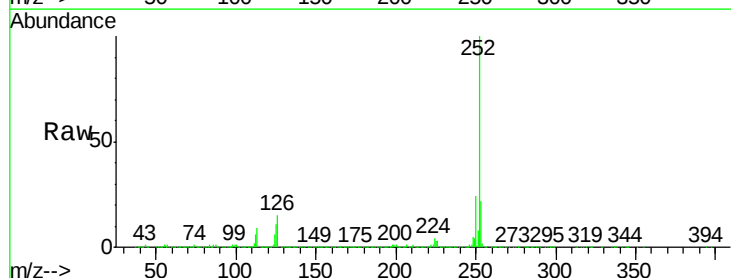
Tgt Ion:252 Resp: 1975264

Ion Ratio Lower Upper

252 100

253 22.1 18.2 27.4

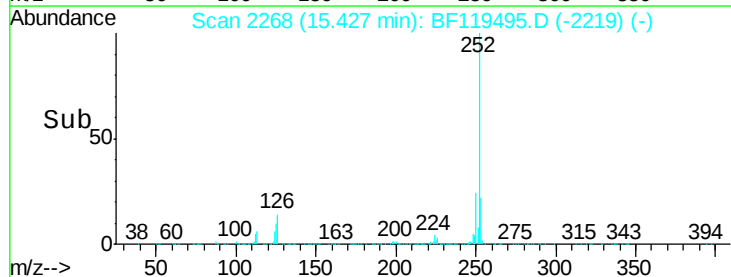
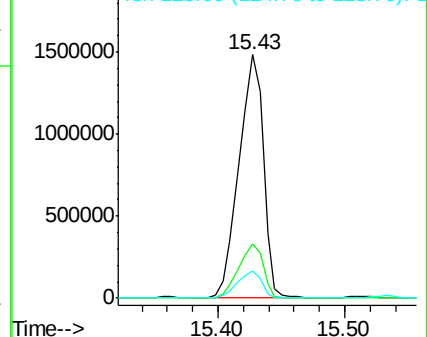
125 11.1 10.2 15.2

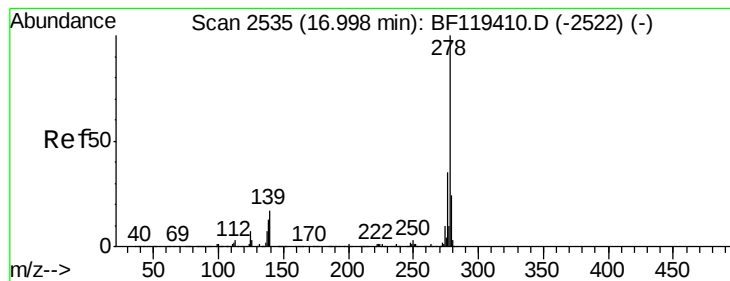


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 51.062 ng

RT: 16.98 min Scan# 2532

Delta R.T. -0.02 min

Lab File: BF119495.D

Acq: 24 Mar 2020 19:34

Instrument :

BNA_F

ClientSampleId :

TRACKS-66-67MSD

Tot Ion:278 Resp: 1910653

Ion Ratio Lower Upper

278 100

139 15.9 13.7 20.5

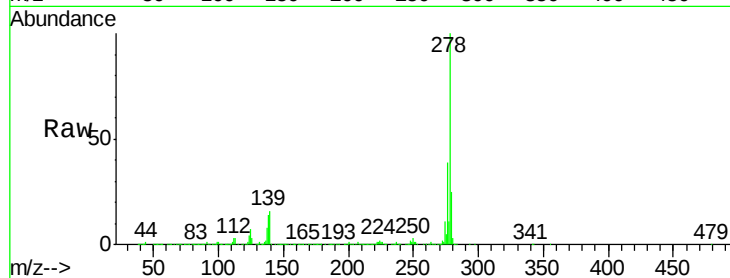
279 24.5 19.2 28.8

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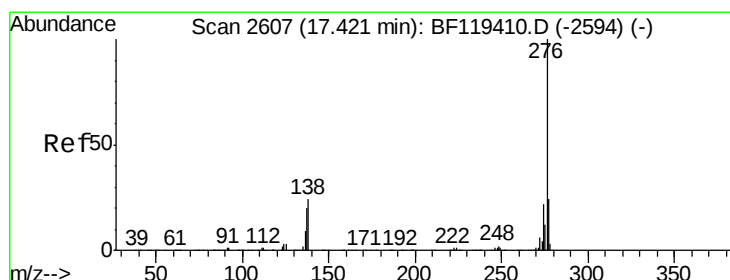
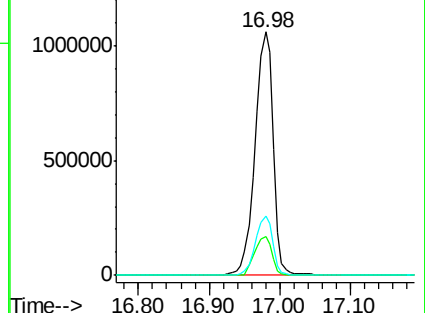
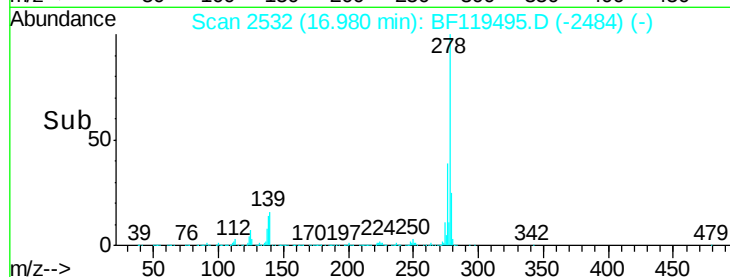
3/25/2020 12:29:39 PM



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 51.367 ng

RT: 17.41 min Scan# 2605

Delta R.T. -0.01 min

Lab File: BF119495.D

Acq: 24 Mar 2020 19:34

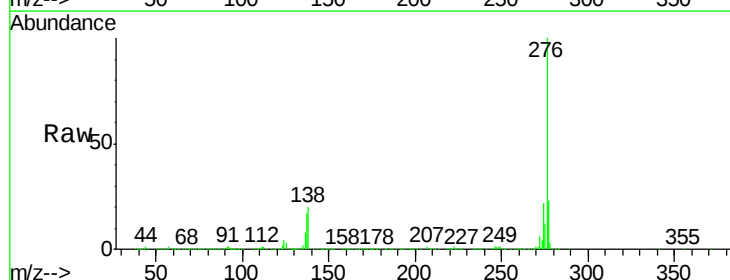
Tgt Ion:276 Resp: 1930970

Ion Ratio Lower Upper

276 100

277 23.4 18.8 28.2

138 19.9 19.1 28.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

