

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032420\
 Data File : BF119492.D
 Acq On : 24 Mar 2020 17:43
 Operator : CG/JU
 Sample : L2020-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 5TH-STREET-SUBMSD

Manual Integrations
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 3/25/2020 12:29:32 PM

Quant Time: Mar 24 18:16:11 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	288284	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	1115939	20.00	ng	-0.01
39) Acenaphthene-d10	9.89	164	570035	20.00	ng	-0.01
64) Phenanthrene-d10	11.38	188	1125645	20.00	ng	-0.01
76) Chrysene-d12	14.02	240	798048	20.00	ng	-0.01
87) Perylene-d12	15.49	264	726383	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	1925046	106.30	ng	0.00
7) Phenol-d6	6.47	99	2502728	108.19	ng	0.00
23) Nitrobenzene-d5	7.41	82	1559785	75.96	ng	-0.01
42) 2,4,6-Tribromophenol	10.68	330	708672	120.51	ng	-0.01
45) 2-Fluorobiphenyl	9.21	172	2843453	73.90	ng	-0.01
79) Terphenyl-d14	12.97	244	3197470	78.50	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	364800	40.787	ng	99
3) Pyridine	3.40	79	983161	39.900	ng	98
4) n-Nitrosodimethylamine	3.36	42	537726	44.750	ng	# 97
6) Aniline	6.50	93	783155	24.529	ng	100
8) 2-Chlorophenol	6.63	128	993821	52.251	ng	99
9) Benzaldehyde	6.39	77	633410	43.162	ng	99
10) Phenol	6.49	94	1243246	50.367	ng	99
11) bis(2-Chloroethyl)ether	6.58	93	939456	47.587	ng	98
12) 1,3-Dichlorobenzene	6.79	146	997963	48.479	ng	99
13) 1,4-Dichlorobenzene	6.86	146	1013715	49.232	ng	99
14) 1,2-Dichlorobenzene	7.02	146	942387	48.965	ng	99
15) Benzyl Alcohol	6.99	79	836188	48.053	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1805713	45.346	ng	98
17) 2-Methylphenol	7.10	107	794377	45.584	ng	98
18) Hexachloroethane	7.36	117	385035	51.027	ng	94
19) n-Nitroso-di-n-propylamine	7.26	70	673785	48.322	ng	97
20) 3+4-Methylphenols	7.25	107	947790	44.378	ng	# 83
22) Acetophenone	7.26	105	1264738	47.431	ng	96
24) Nitrobenzene	7.43	77	1027426	46.821	ng	97
25) Isophorone	7.67	82	1898311	45.575	ng	98
26) 2-Nitrophenol	7.75	139	524896	60.751	ng	99
27) 2,4-Dimethylphenol	7.78	122	878550	49.176	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	1177764	47.818	ng	98
29) 2,4-Dichlorophenol	7.99	162	799882	48.727	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	871929	48.030	ng	97
31) Naphthalene	8.15	128	2714744	47.273	ng	98
32) Benzoic acid	7.91	122	666565	58.002	ng	96
33) 4-Chloroaniline	8.20	127	245229	9.319	ng	97
34) Hexachlorobutadiene	8.27	225	502777	49.499	ng	100
35) Caprolactam	8.57	113	264073m	49.154	ng	
36) 4-Chloro-3-methylphenol	8.68	107	879298	49.009	ng	98
37) 2-Methylnaphthalene	8.85	142	1860795	49.372	ng	99
38) 1-Methylnaphthalene	8.95	142	1769248	49.596	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	786699	47.085	ng	98

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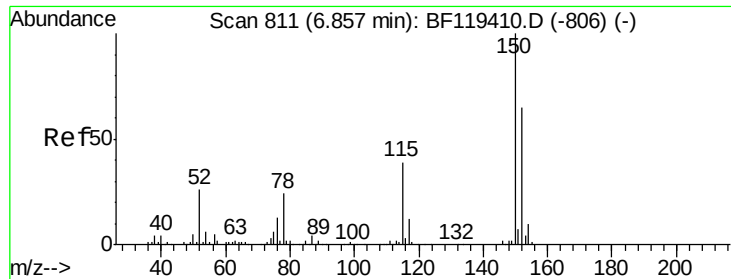
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	1009343	106.260	ng	97
43) 2,4,6-Trichlorophenol	9.12	196	607777	50.831	ng	98
44) 2,4,5-Trichlorophenol	9.16	196	617414	46.095	ng	98
46) 1,1'-Biphenyl	9.31	154	2171595	46.775	ng	100
47) 2-Chloronaphthalene	9.34	162	1687945	46.415	ng	98
48) 2-Nitroaniline	9.43	65	633580	50.475	ng	97
49) Acenaphthylene	9.76	152	2699326	47.267	ng	99
50) Dimethylphthalate	9.62	163	2370009	58.533	ng	99
51) 2,6-Dinitrotoluene	9.67	165	451417	52.014	ng	91
52) Acenaphthene	9.93	154	1901727	53.416	ng	99
53) 3-Nitroaniline	9.84	138	222706	20.326	ng	96
54) 2,4-Dinitrophenol	9.95	184	505365	129.611	ng	86
55) Dibenzofuran	10.10	168	2422135	47.452	ng	98
56) 4-Nitrophenol	10.00	139	806564	93.315	ng	89
57) 2,4-Dinitrotoluene	10.08	165	606035	55.432	ng	97
58) Fluorene	10.45	166	1835820	48.635	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.22	232	520910	52.028	ng	98
60) Diethylphthalate	10.32	149	2048518	49.849	ng	99
61) 4-Chlorophenyl-phenylether	10.43	204	886127	48.006	ng	100
62) 4-Nitroaniline	10.46	138	494798	47.093	ng	97
63) Azobenzene	10.59	77	1963073	47.437	ng	98
65) 4,6-Dinitro-2-methylphenol	10.49	198	321109	68.030	ng	93
66) n-Nitrosodiphenylamine	10.55	169	1717191	46.469	ng	98
67) 4-Bromophenyl-phenylether	10.92	248	589434	45.979	ng	98
68) Hexachlorobenzene	10.99	284	632146	48.179	ng	93
69) Atrazine	11.08	200	512785	50.617	ng	98
70) Pentachlorophenol	11.18	266	737821	95.904	ng	98
71) Phenanthrene	11.40	178	2669842	45.742	ng	99
72) Anthracene	11.46	178	2761833	46.557	ng	99
73) Carbazole	11.61	167	2570704	43.782	ng	98
74) Di-n-butylphthalate	11.94	149	3106689	49.461	ng	98
75) Fluoranthene	12.59	202	2936265	46.484	ng	99
77) Benzidine	12.72	184	1425116	42.196	ng	98
78) Pyrene	12.82	202	3002991	45.851	ng	100
80) Butylbenzylphthalate	13.44	149	1386259	52.332	ng	99
81) Benzo(a)anthracene	14.02	228	2337431	45.041	ng	100
82) 3,3'-Dichlorobenzidine	13.97	252	450646	22.024	ng	96
83) Chrysene	14.05	228	2412561	45.045	ng	98
84) Bis(2-ethylhexyl)phthalate	14.00	149	1710676	54.173	ng	100
85) Di-n-octyl phthalate	14.62	149	2977030	53.605	ng	98
86) Indeno(1,2,3-cd)pyrene	16.96	276	2030392	40.252	ng	98
88) Benzo(b)fluoranthene	15.06	252	2317871	47.769	ng	99
89) Benzo(k)fluoranthene	15.09	252	2231013	48.287	ng	99
90) Benzo(a)pyrene	15.43	252	2034979	46.148	ng	98
91) Dibenzo(a,h)anthracene	16.98	278	1705679	44.223	ng	98
92) Benzo(g,h,i)perylene	17.40	276	1635354	42.205	ng	96

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



#1

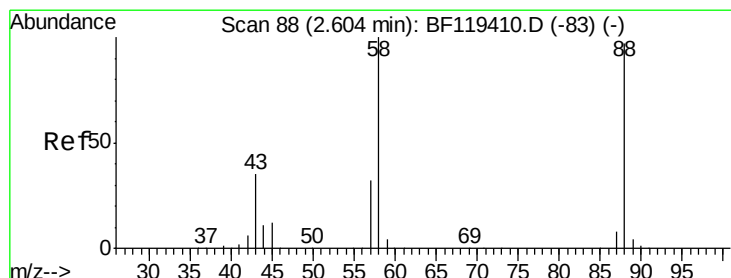
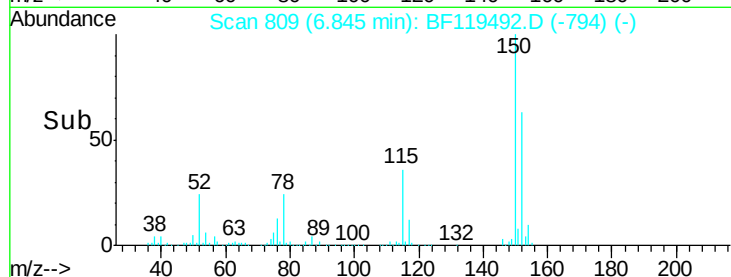
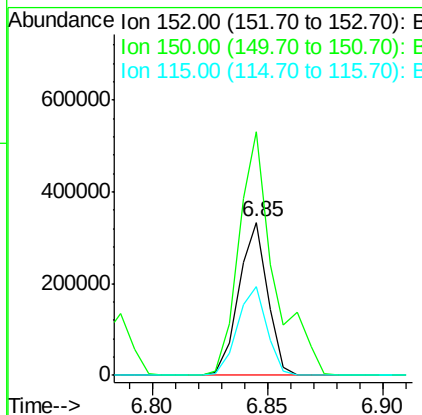
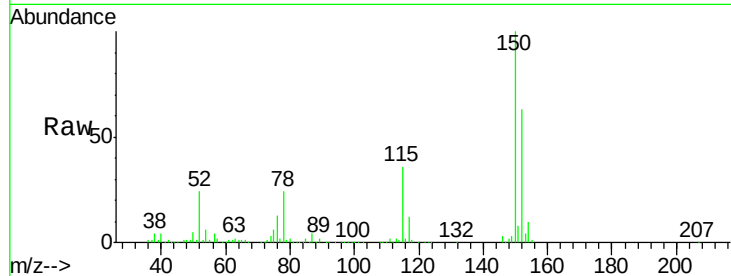
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF119492.D
Acq: 24 Mar 2020 17:43

Instrument :
BNA_F
ClientSampleId :
5TH-STREET-SUBMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.0	123.9	185.9
115	57.6	47.8	71.6

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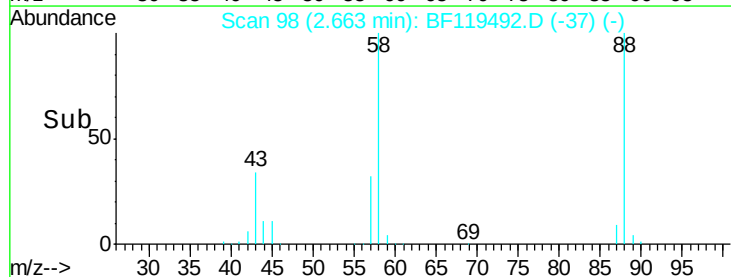
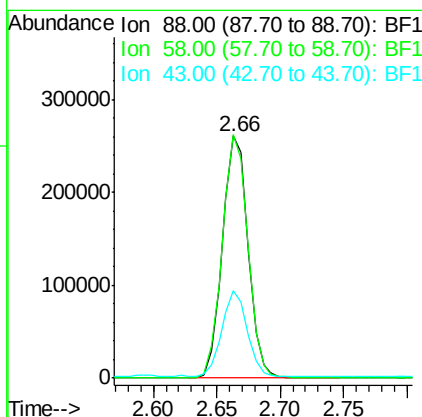
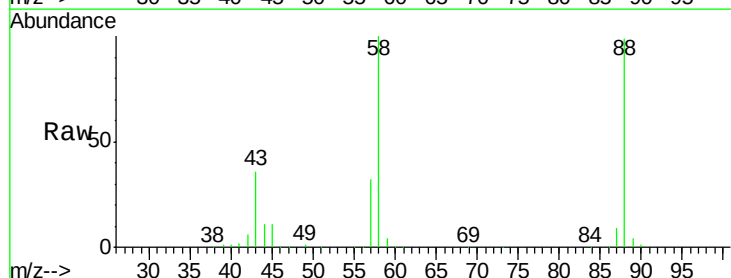
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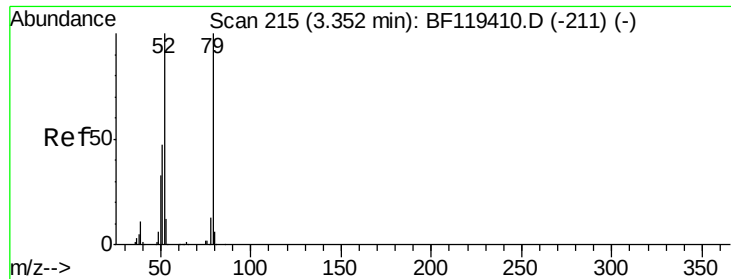


#2

1,4-Dioxane
Concen: 40.787 ng
RT: 2.66 min Scan# 98
Delta R.T. 0.06 min
Lab File: BF119492.D
Acq: 24 Mar 2020 17:43

Tgt Ion	Ratio	Lower	Upper
88	100		
58	99.9	79.4	119.2
43	34.6	28.4	42.6





#3

Pvridine

Concen: 39.900 ng

RT: 3.40 min Scan# 224

Delta R.T. 0.05 min

Lab File: BF119492.D

Acq: 24 Mar 2020 17:43

Instrument :

BNA_F

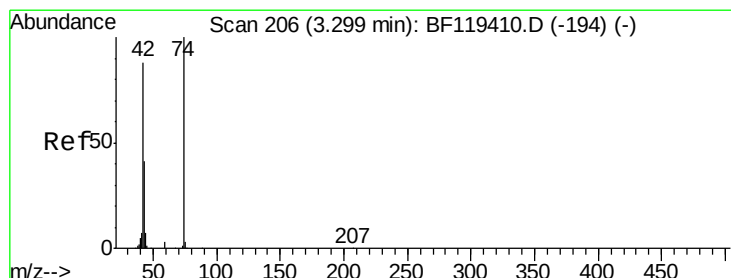
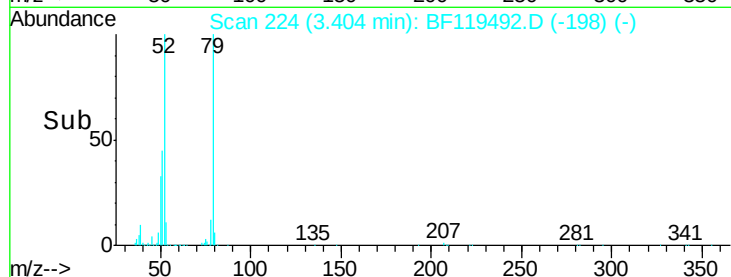
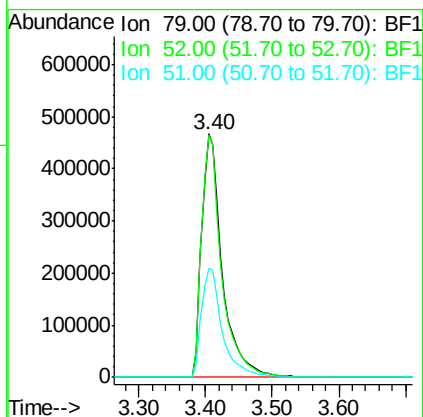
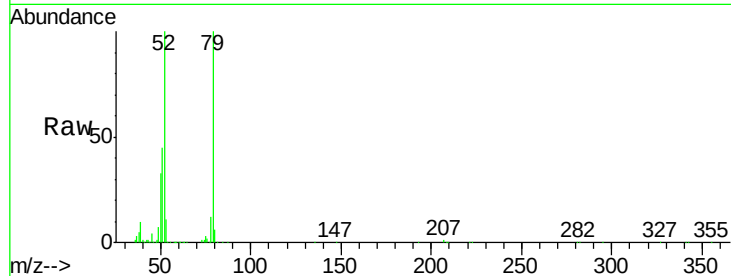
ClientSampleId :

5TH-STREET-SUBMSD

Tot Ion:	79	Resp:	983161
Ion Ratio	Lower	Upper	
79	100		
52	99.7	80.0	120.0
51	44.7	37.9	56.9

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#4

n-Nitrosodimethylamine

Concen: 44.750 ng

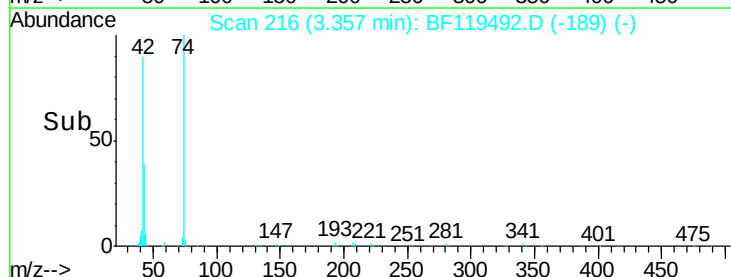
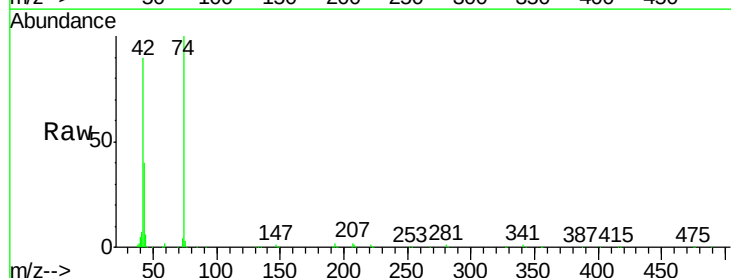
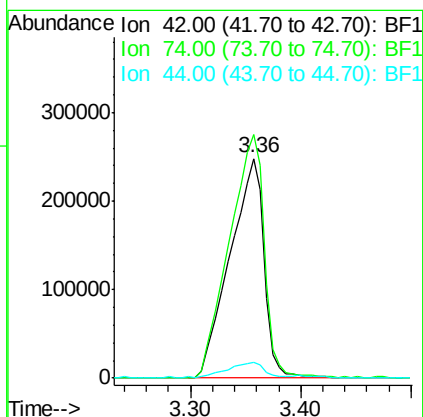
RT: 3.36 min Scan# 216

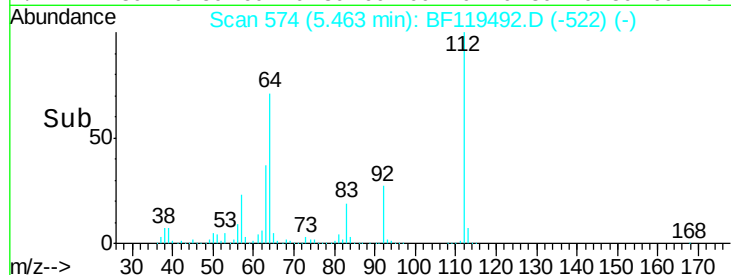
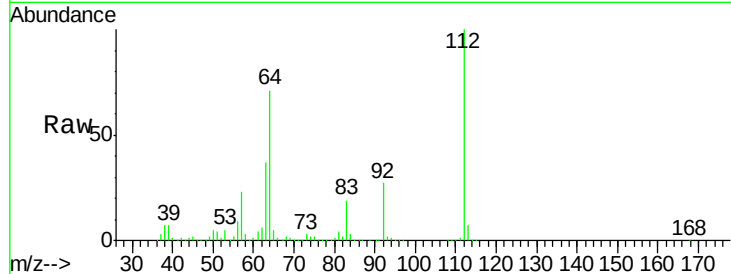
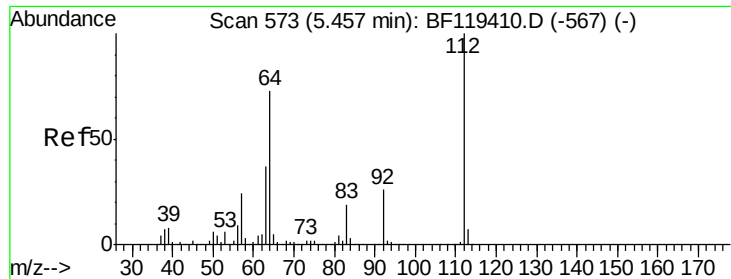
Delta R.T. 0.06 min

Lab File: BF119492.D

Acq: 24 Mar 2020 17:43

Tgt Ion:	42	Resp:	537726
Ion Ratio	Lower	Upper	
42	100		
74	110.9	91.3	136.9
44	6.9	7.1	10.7#





#5

2-Fluorophenol

Concen: 106.301 ng

RT: 5.46 min Scan# 574

Delta R.T. 0.01 min

Lab File: BF119492.D

Acq: 24 Mar 2020 17:43

Tot Ion:	112	Resp:	1925046
Ion	Ratio	Lower	Upper
112	100		
64	71.2	58.1	87.1
63	37.1	29.7	44.5

Instrument :

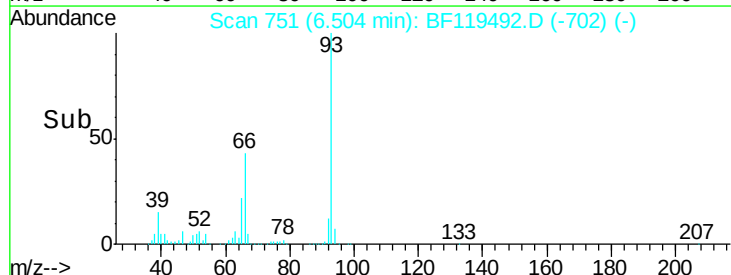
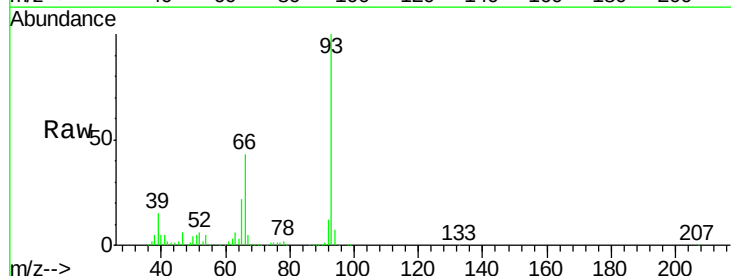
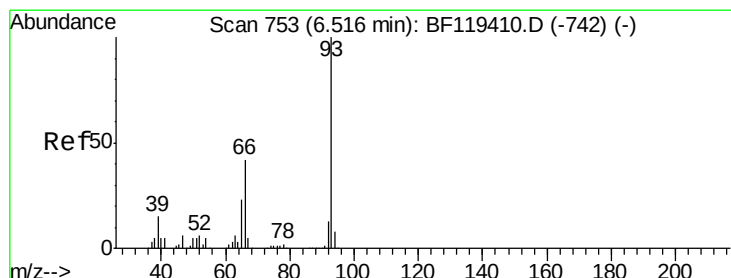
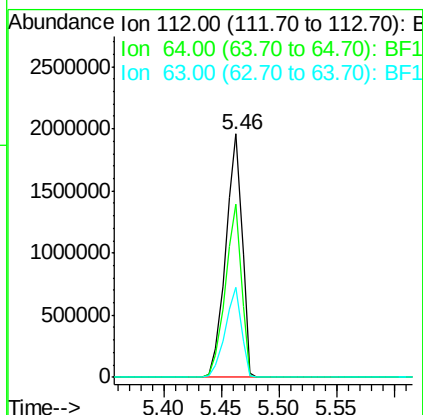
BNA_F

ClientSampleId :

5TH-STREET-SUBMSD

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#6

Aniline

Concen: 24.529 ng

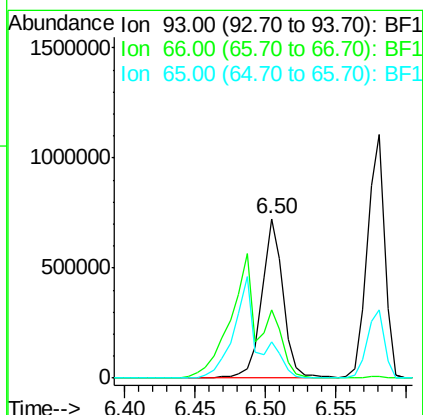
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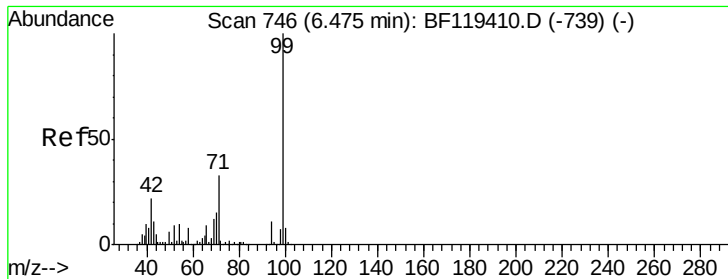
Delta R.T. -0.01 min

Lab File: BF119492.D

Acq: 24 Mar 2020 17:43

Tgt Ion:	93	Resp:	783155
Ion	Ratio	Lower	Upper
93	100		
66	42.9	34.2	51.4
65	22.3	18.2	27.4





#7

Phenol-d6

Concen: 108.187 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF119492.D

Acq: 24 Mar 2020 17:43

Instrument :

BNA_F

ClientSampleId :

5TH-STREET-SUBMSD

Tot Ion: 99 Resp: 2502728

Ion Ratio Lower Upper

99 100

42 20.4 17.8 26.6

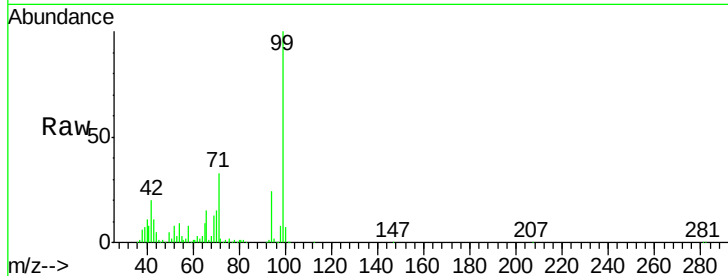
71 33.3 26.0 39.0

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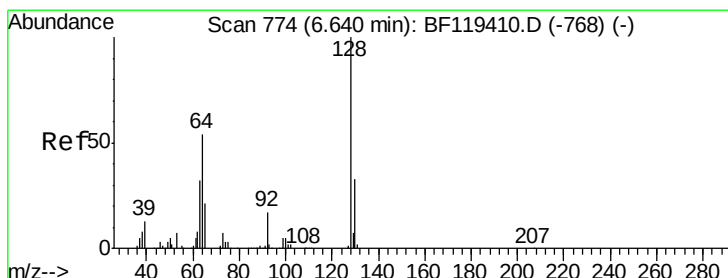
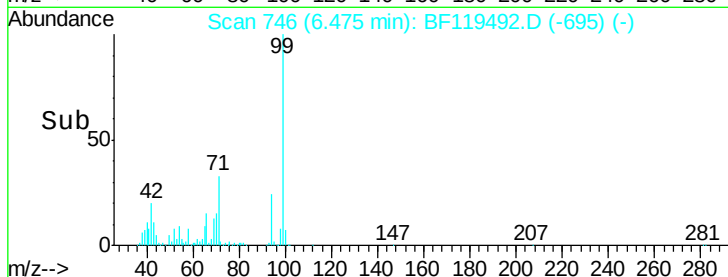
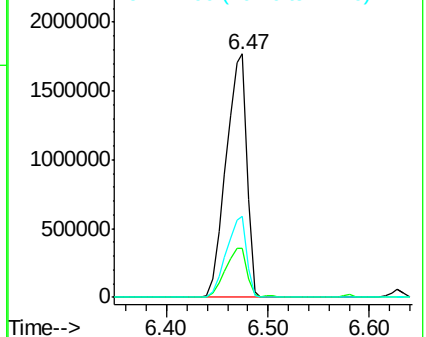
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 52.251 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF119492.D

Acq: 24 Mar 2020 17:43

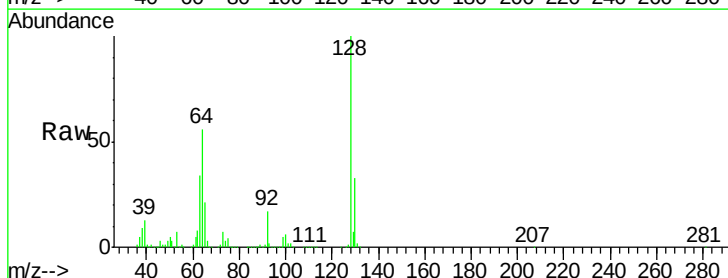
Tgt Ion: 128 Resp: 993821

Ion Ratio Lower Upper

128 100

130 33.0 13.0 53.0

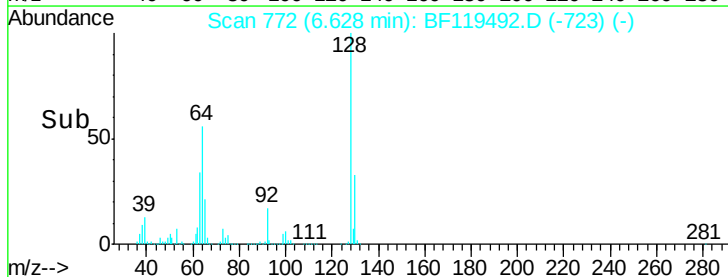
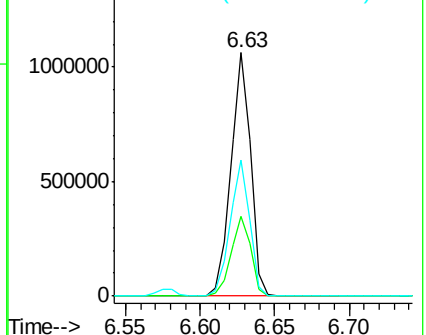
64 55.8 35.1 75.1

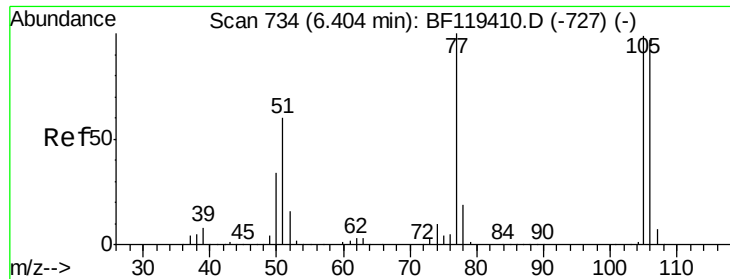


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 43.162 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF119492.D

Acq: 24 Mar 2020 17:43

Instrument :

BNA_F

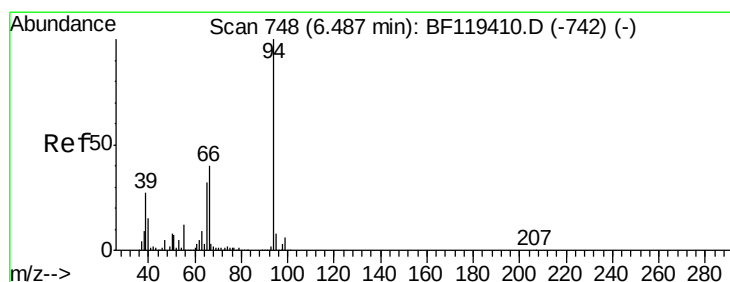
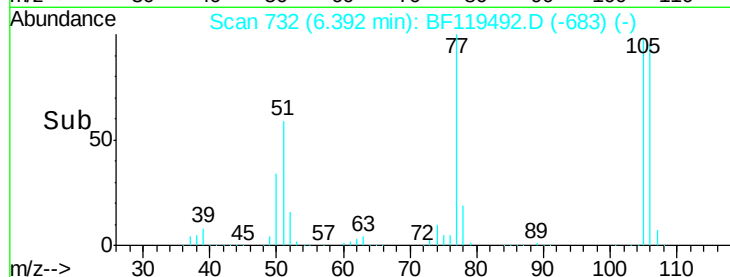
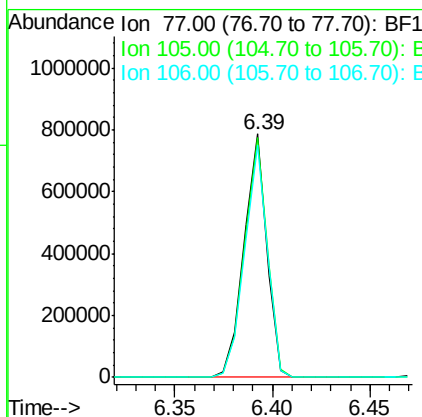
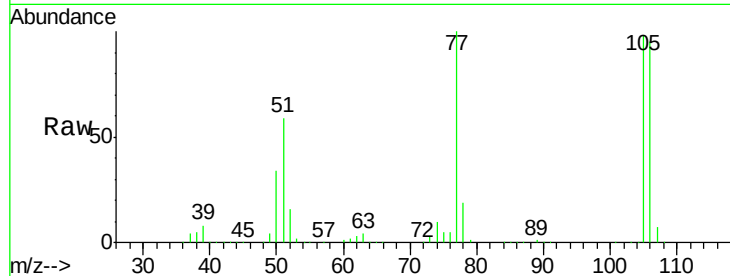
ClientSampleId :

5TH-STREET-SUBMSD

Tot Ion:	77	Resp:	633410
Ion	Ratio	Lower	Upper
77	100		
105	98.4	78.6	118.6
106	95.4	76.5	116.5

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#10

Phenol

Concen: 50.367 ng

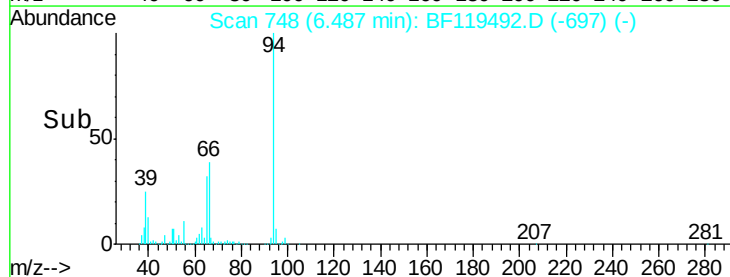
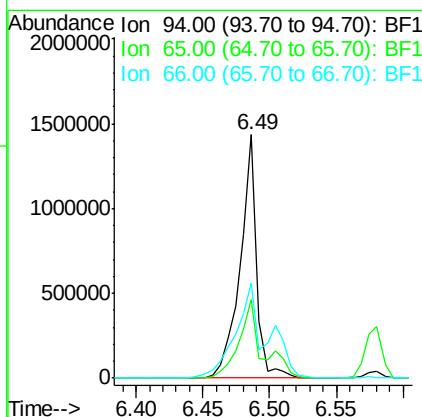
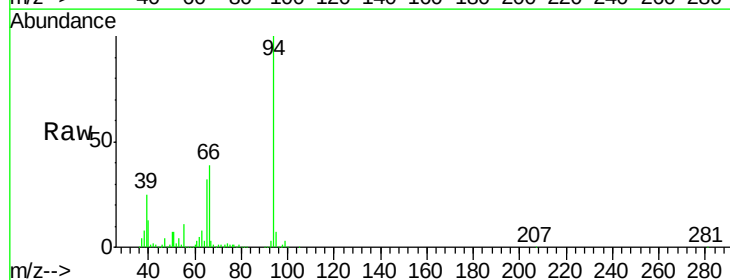
RT: 6.49 min Scan# 748

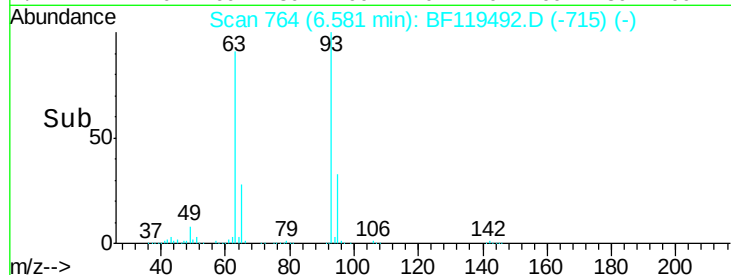
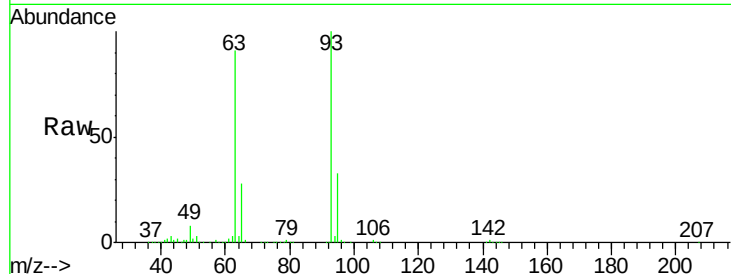
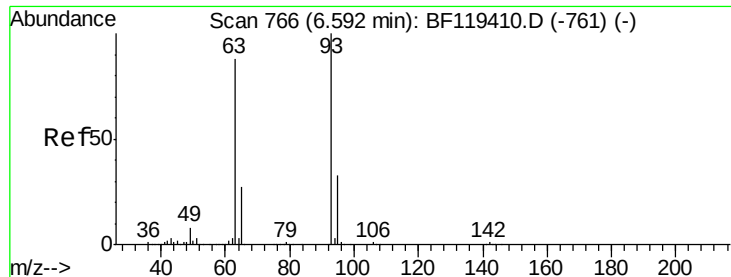
Delta R.T. -0.00 min

Lab File: BF119492.D

Acq: 24 Mar 2020 17:43

Tgt Ion:	94	Resp:	1243246
Ion	Ratio	Lower	Upper
94	100		
65	32.0	12.0	52.0
66	39.3	20.6	60.6





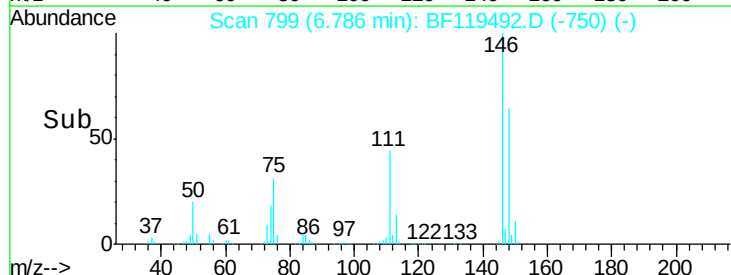
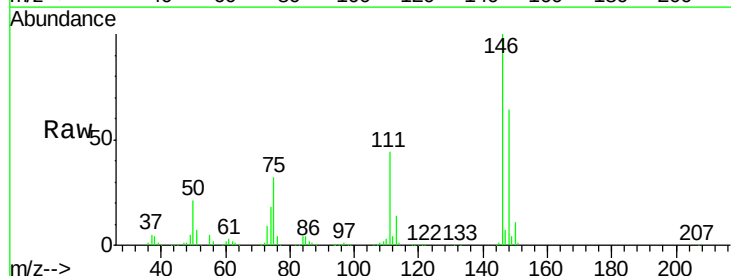
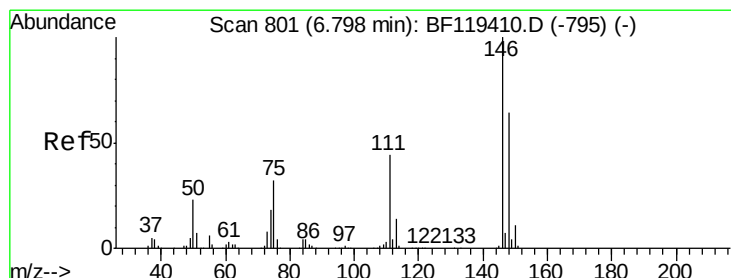
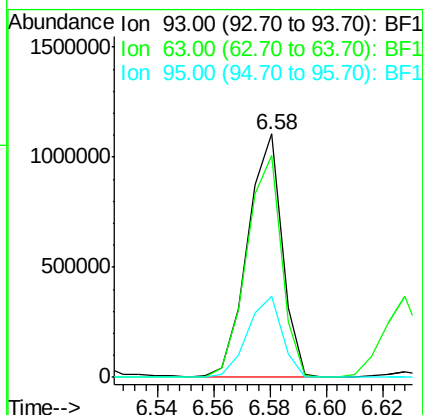
#11
bis(2-Chloroethyl)ether
Concen: 47.587 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF119492.D
Acq: 24 Mar 2020 17:43

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	91.0	68.4	108.4	
95	33.4	13.4	53.4	

Instrument :
BNA_F
ClientSampleId :
5TH-STREET-SUBMSD

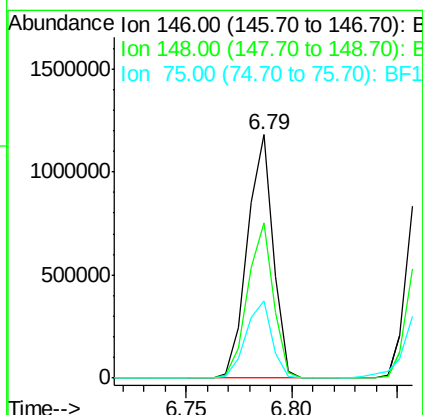
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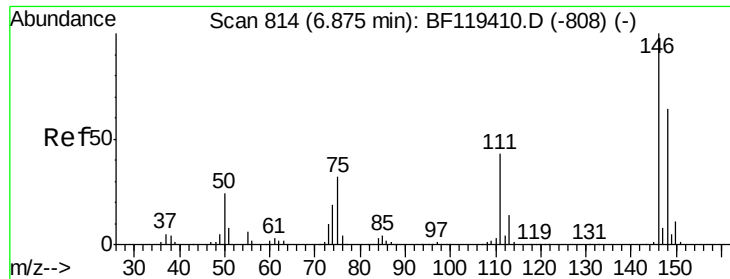
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#12
1,3-Dichlorobenzene
Concen: 48.479 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF119492.D
Acq: 24 Mar 2020 17:43

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	63.9	51.4	77.0	
75	31.7	25.8	38.8	





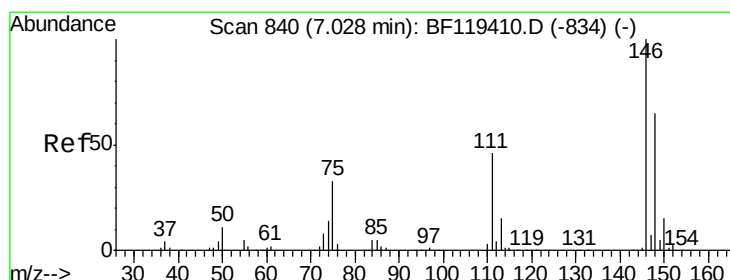
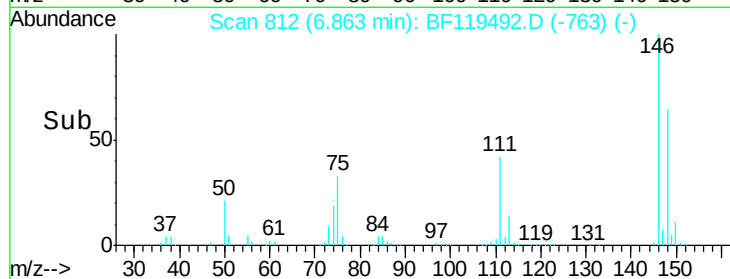
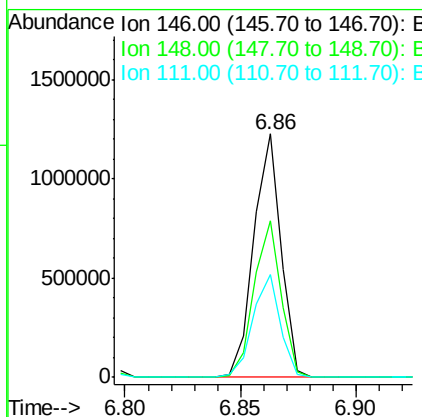
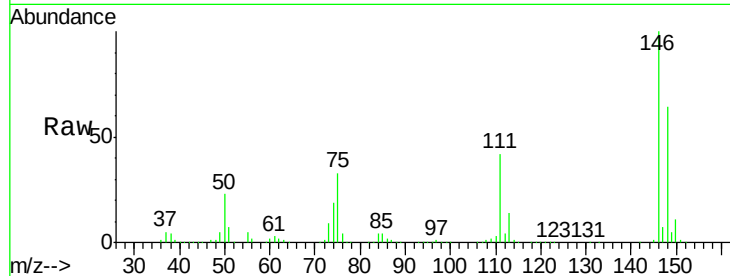
#13
 1,4-Dichlorobenzene
 Concen: 49.232 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF119492.D
 Acq: 24 Mar 2020 17:43

Instrument :
 BNA_F
 ClientSampleId :
 5TH-STREET-SUBMSD

Tot Ion	Ion	Ratio	Lower	Upper
146	100			
148	64.1	50.9	76.3	
111	42.4	34.6	52.0	

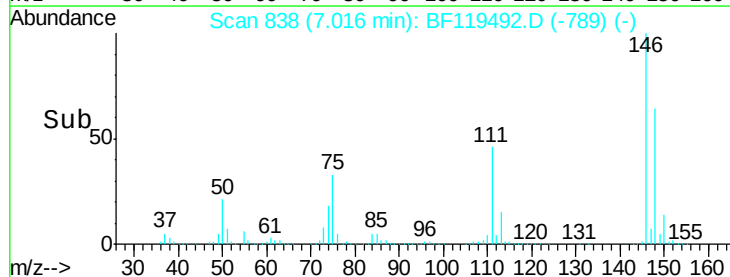
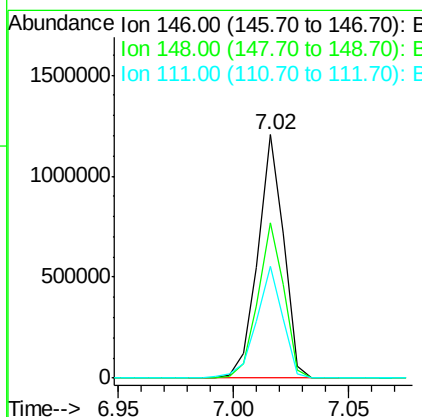
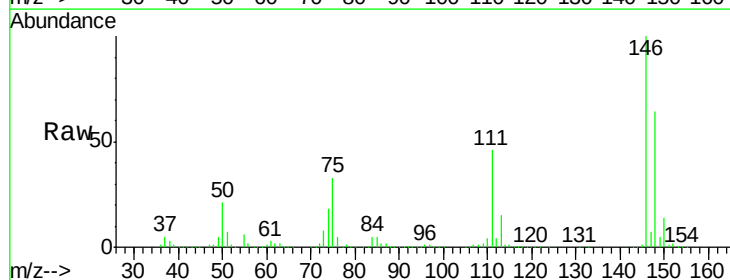
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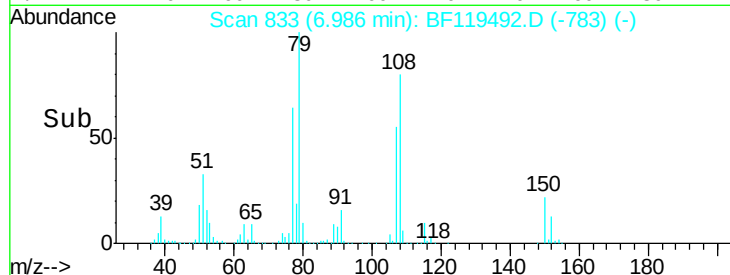
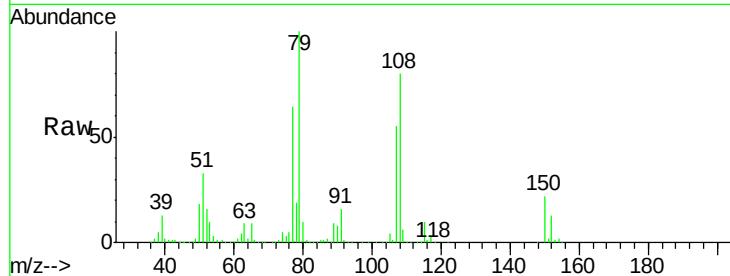
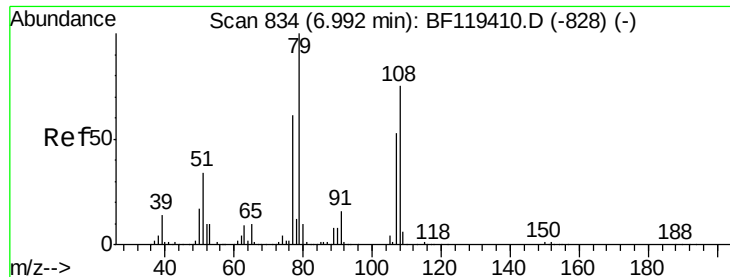
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#14
 1,2-Dichlorobenzene
 Concen: 48.965 ng
 RT: 7.02 min Scan# 838
 Delta R.T. -0.01 min
 Lab File: BF119492.D
 Acq: 24 Mar 2020 17:43

Tgt Ion	Ion	Ratio	Lower	Upper
146	100			
148	64.0	51.7	77.5	
111	46.0	36.4	54.6	





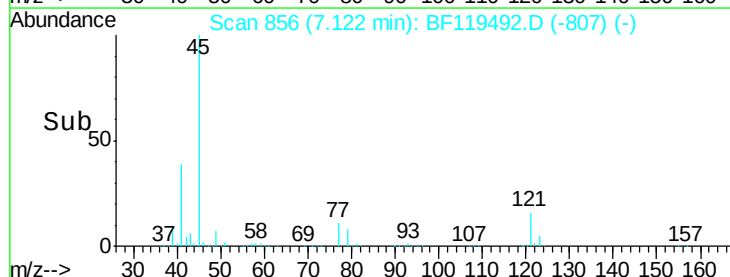
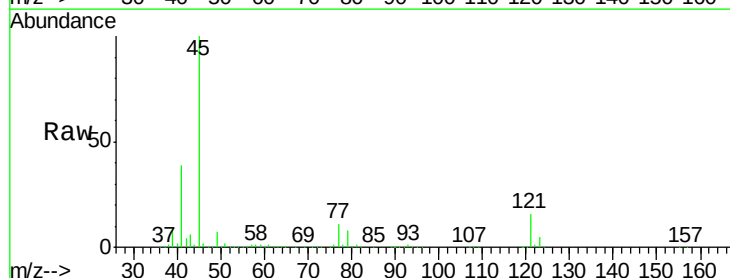
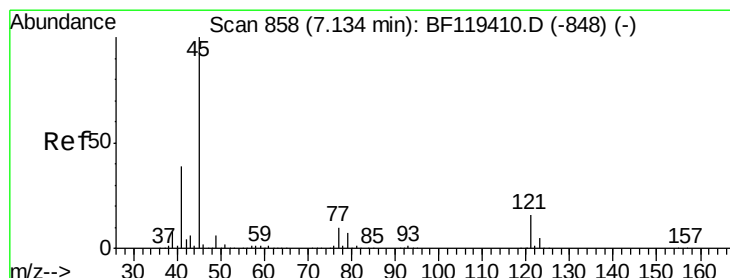
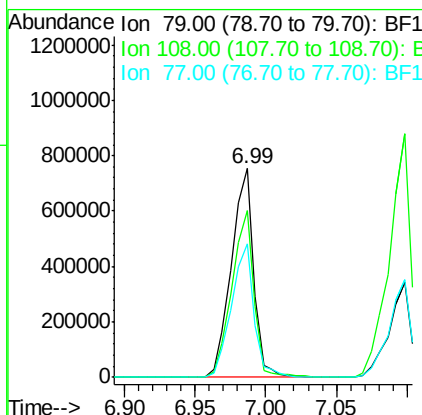
#15
Benzyl Alcohol
Concen: 48.053 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF119492.D
Acq: 24 Mar 2020 17:43

Tot Ion	Ratio	Lower	Upper
79	100		
108	79.6	60.4	90.6
77	63.6	49.0	73.4

Instrument :
BNA_F
ClientSampleId :
5TH-STREET-SUBMSD

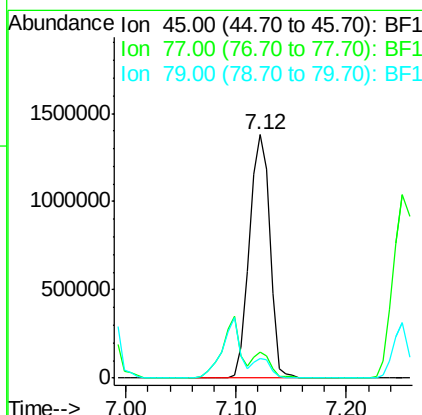
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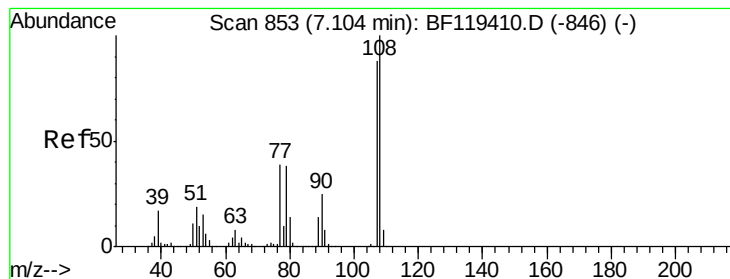
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.346 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF119492.D
Acq: 24 Mar 2020 17:43

Tgt Ion	Ratio	Lower	Upper
45	100		
77	10.8	0.0	30.1
79	8.2	0.0	27.4





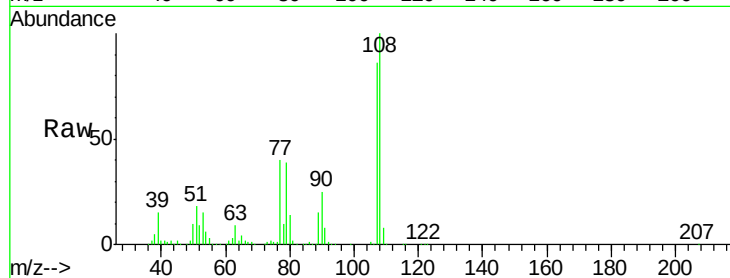
#17
2-Methylphenol
Concen: 45.584 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF119492.D
Acq: 24 Mar 2020 17:43

Instrument :
BNA_F
ClientSampleId :
5TH-STREET-SUBMSD

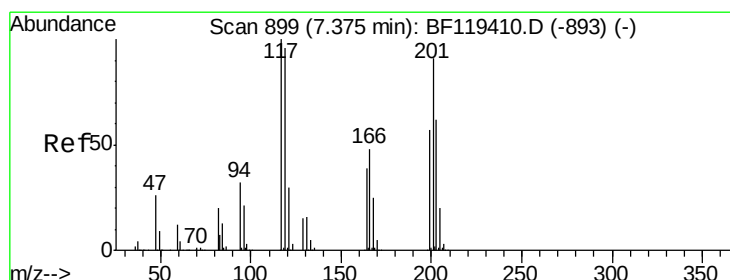
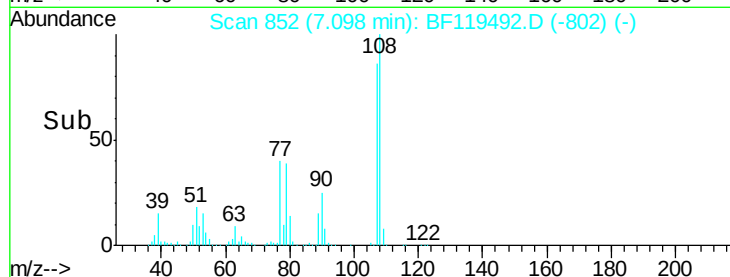
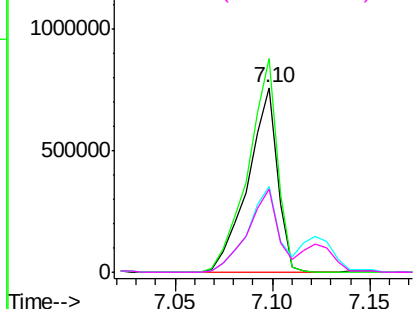
Tot Ion	Ratio	Resp	Lower	Upper
107	100	794377		
108	115.7	90.7	136.1	
77	46.3	35.6	53.4	
79	45.1	34.7	52.1	

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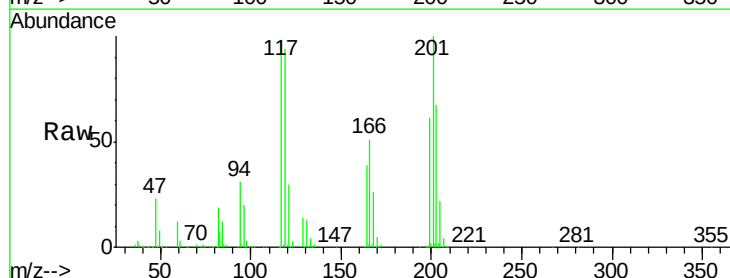


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

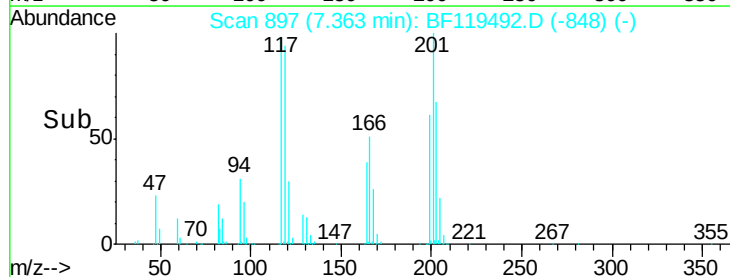
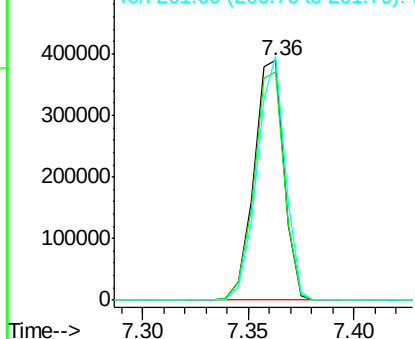


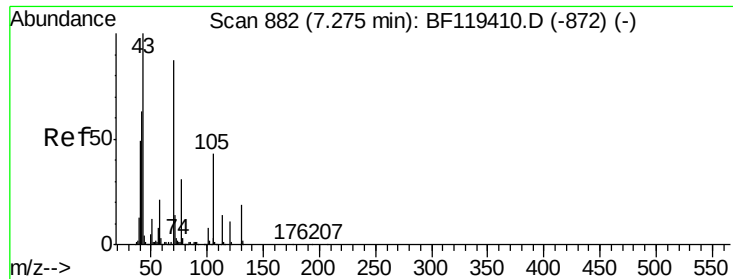
#18
Hexachloroethane
Concen: 51.027 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF119492.D
Acq: 24 Mar 2020 17:43

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	385035		
119	95.3	76.8	115.2	
201	101.7	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





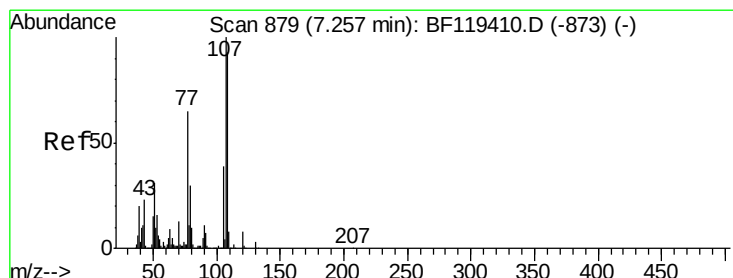
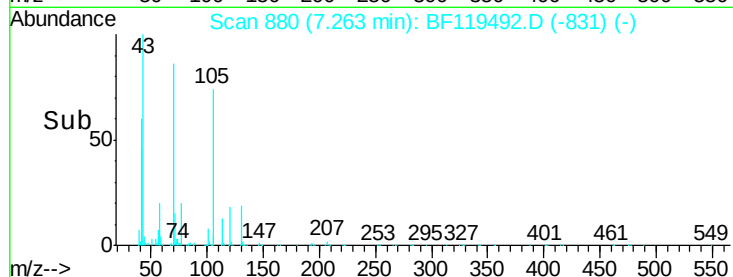
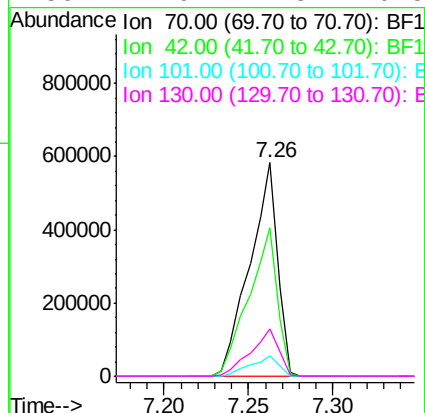
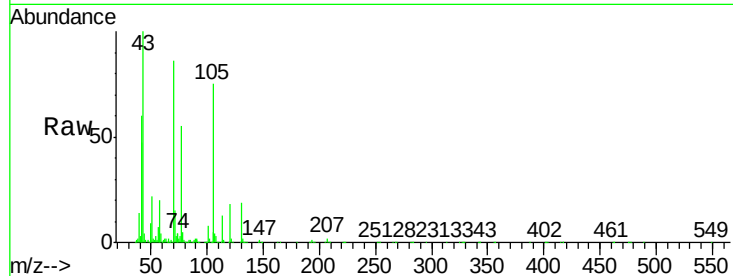
#19
n-Nitroso-di-n-propylamine
Concen: 48.322 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF119492.D
Acq: 24 Mar 2020 17:43

Instrument :
BNA_F
ClientSampleId :
5TH-STREET-SUBMSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	69.4	58.2	87.4
101	9.6	7.4	11.2
130	21.9	17.8	26.8

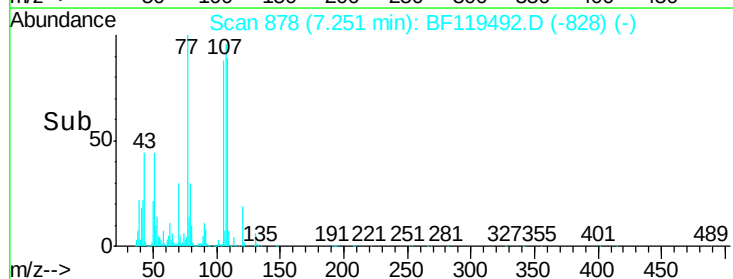
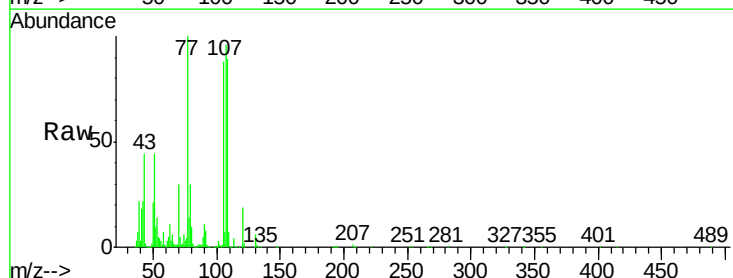
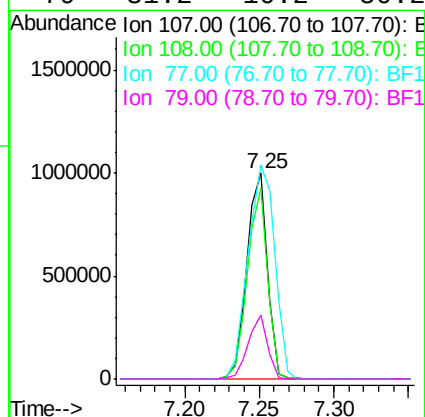
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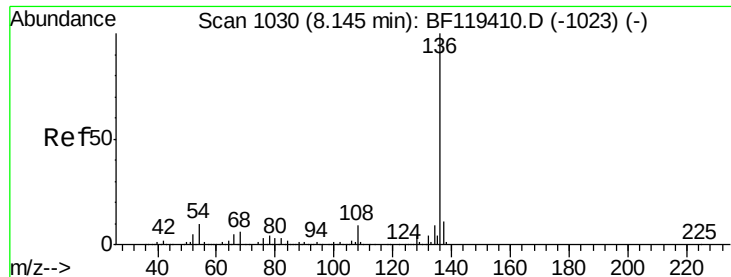
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#20
3+4-Methylphenols
Concen: 44.378 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF119492.D
Acq: 24 Mar 2020 17:43

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.7	72.6	112.6
77	103.7	44.7	84.7
79	31.2	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: BF119492.D

Acq: 24 Mar 2020 17:43

Instrument :

BNA_F

ClientSampleId :

5TH-STREET-SUBMSD

Tot Ion:136 Resp: 1115939

Ion Ratio Lower Upper

136 100

137 10.9 8.4 12.6

54 9.7 8.3 12.5

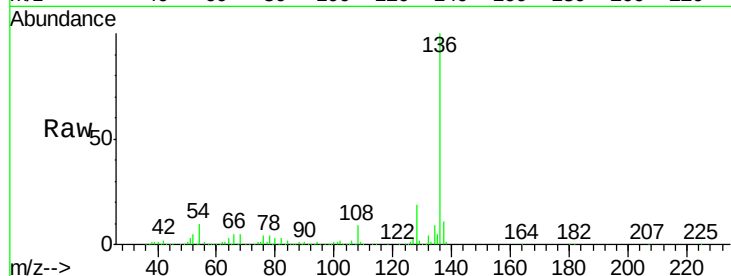
68 5.3 4.9 7.3

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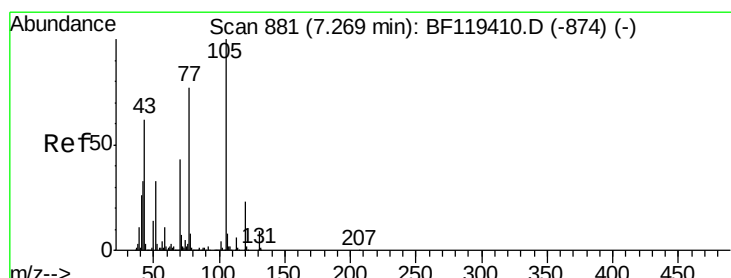
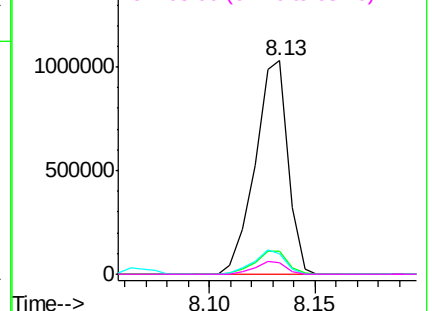
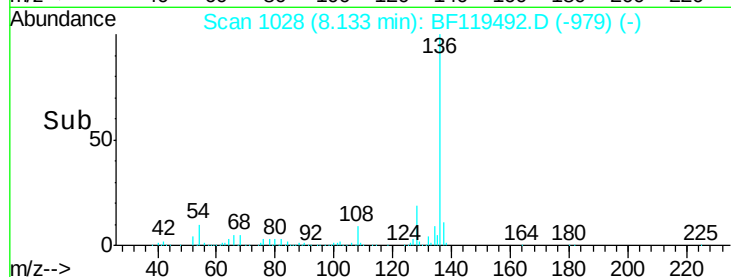
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 47.431 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF119492.D

Acq: 24 Mar 2020 17:43

Tgt Ion:105 Resp: 1264738

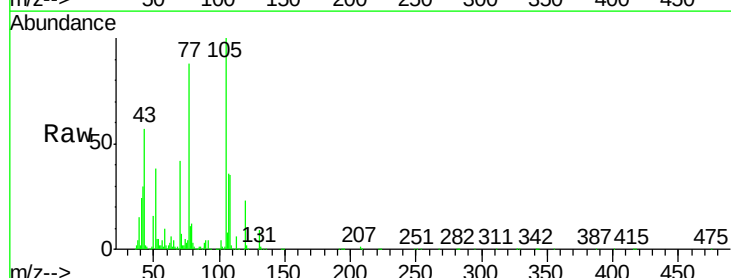
Ion Ratio Lower Upper

105 100

71 6.6 5.8 8.6

51 37.8 26.8 40.2

120 22.7 18.0 27.0



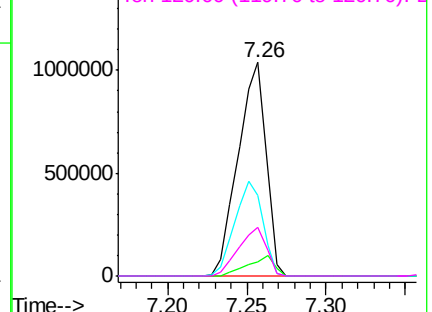
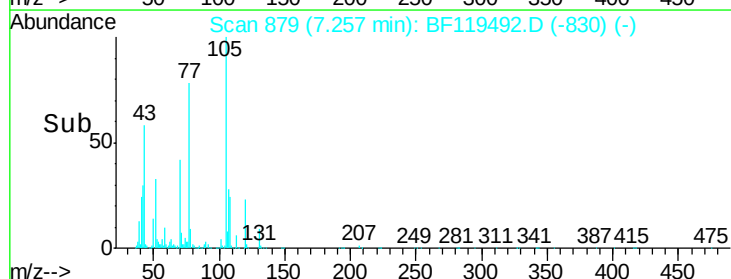
Abundance

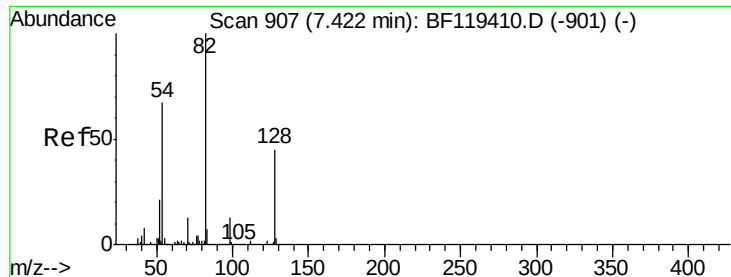
Ion 105.00 (104.70 to 105.70): E

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





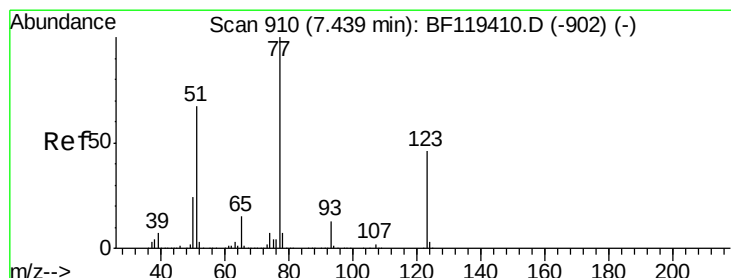
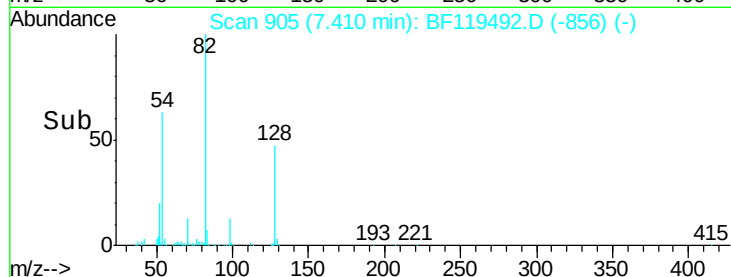
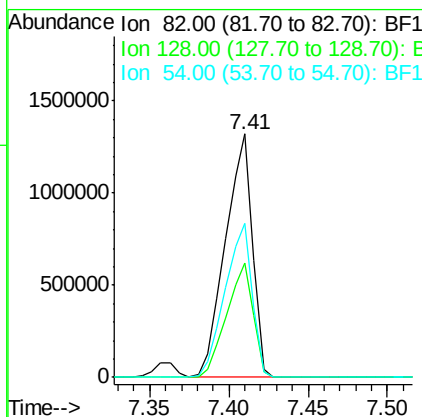
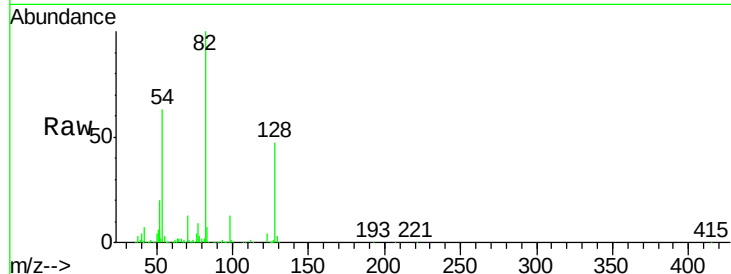
#23
 Nitrobenzene-d5
 Concen: 75.964 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF119492.D
 Acq: 24 Mar 2020 17:43

Instrument :
 BNA_F
 ClientSampleId :
 5TH-STREET-SUBMSD

Tot Ion: 82 Resp: 1559785
 Ion Ratio Lower Upper
 82 100
 128 47.1 35.8 53.8
 54 63.4 53.4 80.0

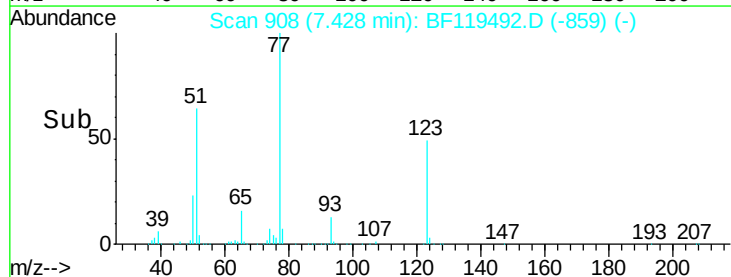
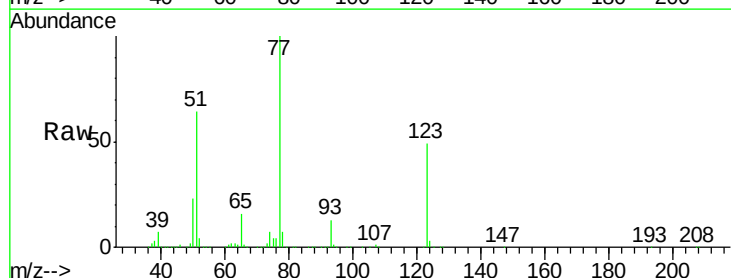
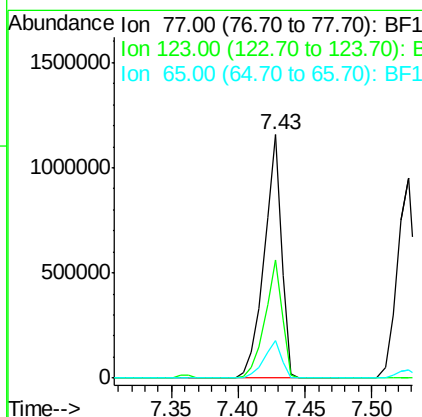
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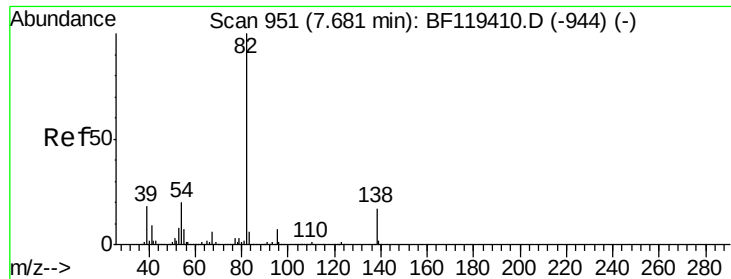
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#24
 Nitrobenzene
 Concen: 46.821 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF119492.D
 Acq: 24 Mar 2020 17:43

Tgt Ion: 77 Resp: 1027426
 Ion Ratio Lower Upper
 77 100
 123 48.7 36.9 55.3
 65 15.5 12.2 18.4





#25

Isophorone

Concen: 45.575 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF119492.D

Acq: 24 Mar 2020 17:43

Instrument :

BNA_F

ClientSampleId :

5TH-STREET-SUBMSD

Tot Ion: 82 Resp: 1898311

Ion Ratio Lower Upper

82 100

95 7.1 5.4 8.2

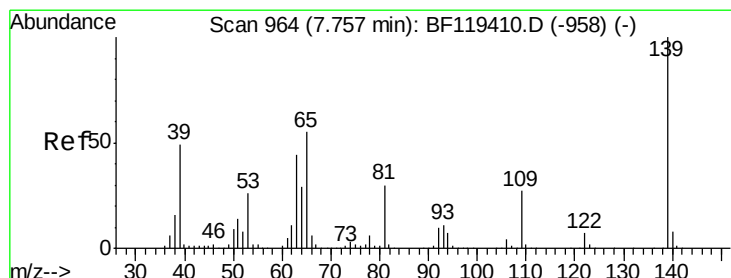
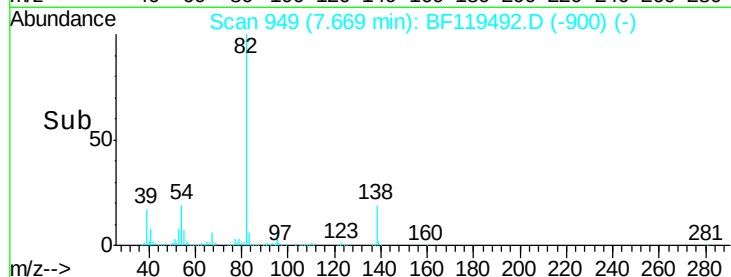
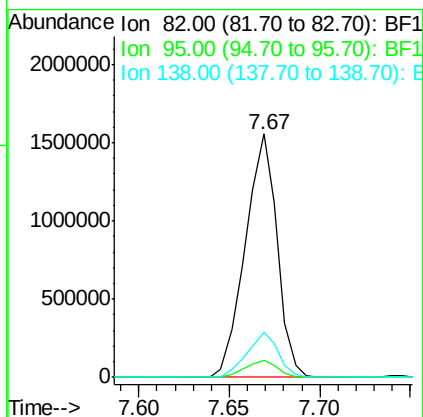
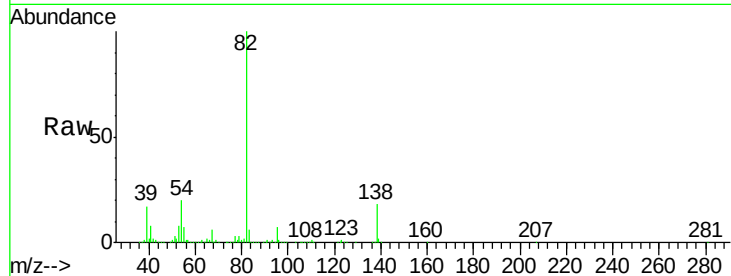
138 18.4 13.8 20.8

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3/25/2020 12:29:32 PM



#26

2-Nitrophenol

Concen: 60.751 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF119492.D

Acq: 24 Mar 2020 17:43

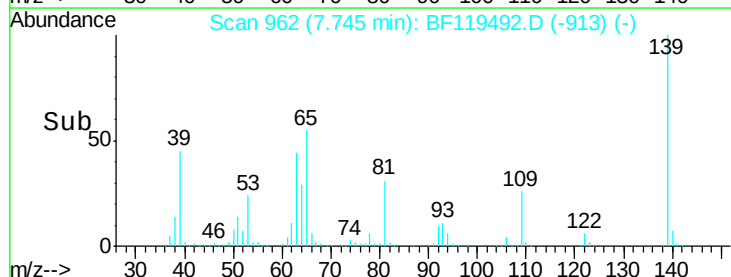
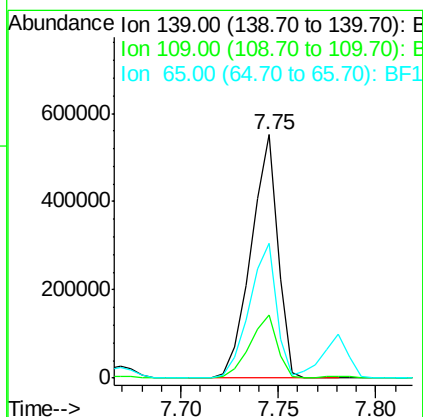
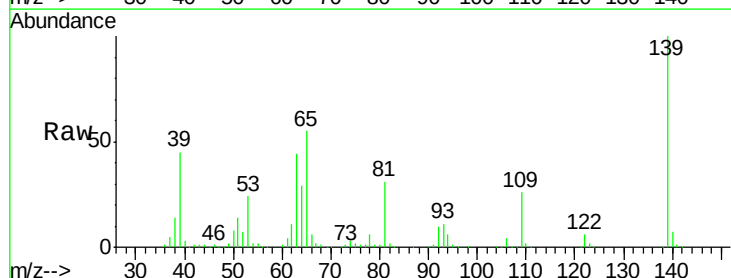
Tgt Ion: 139 Resp: 524896

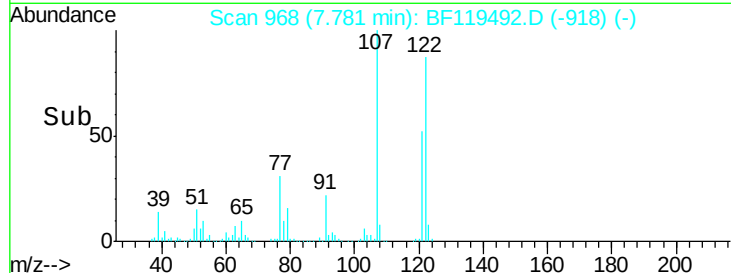
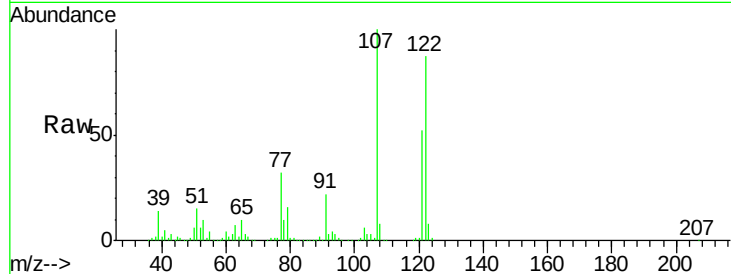
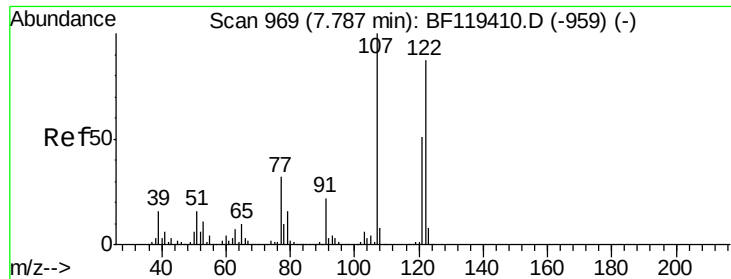
Ion Ratio Lower Upper

139 100

109 26.2 21.7 32.5

65 55.1 43.9 65.9





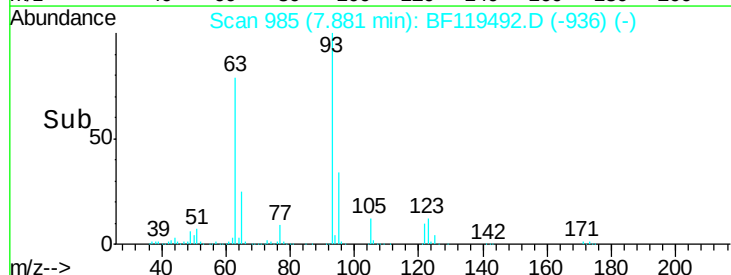
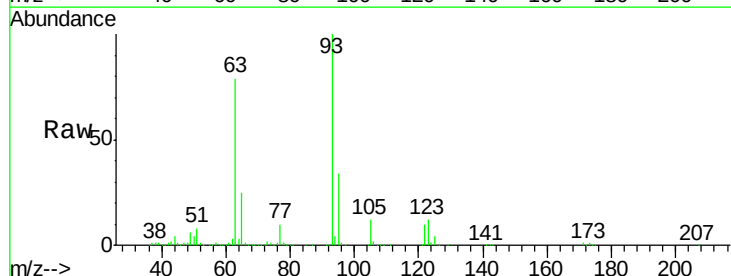
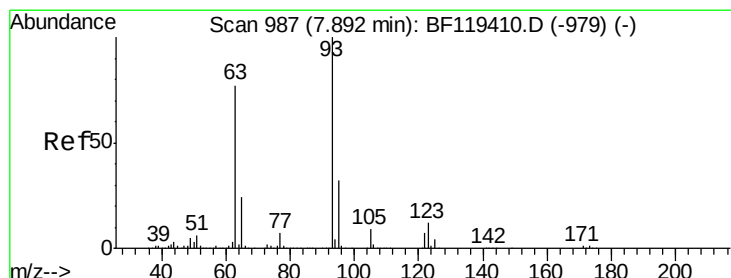
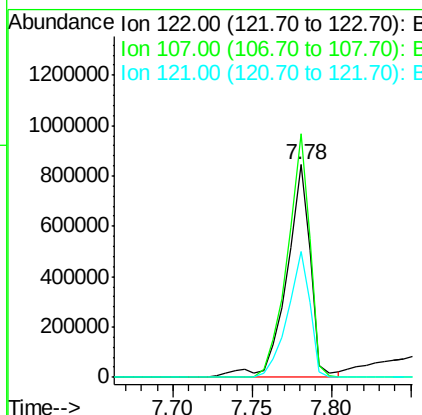
#27
2,4-Dimethylphenol
Concen: 49.176 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF119492.D
Acq: 24 Mar 2020 17:43

Tot Ion	Ratio	Resp	Lower	Upper
122	100	878550		
107	114.5	91.8	137.6	
121	59.5	46.5	69.7	

Instrument :
BNA_F
ClientSampleId :
5TH-STREET-SUBMSD

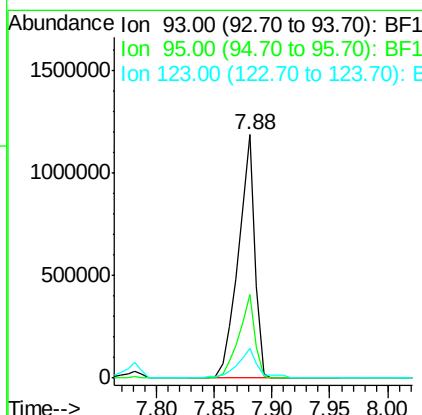
Manual Integrations
APPROVED

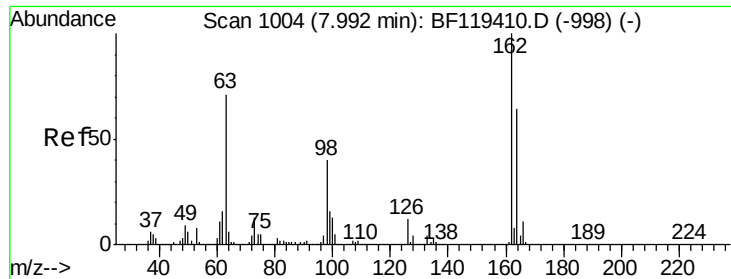
mohammad
3/25/2020 12:29:32 PM



#28
bis(2-Chloroethoxy)methane
Concen: 47.818 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BF119492.D
Acq: 24 Mar 2020 17:43

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	1177764		
95	34.2	26.0	39.0	
123	12.5	9.7	14.5	





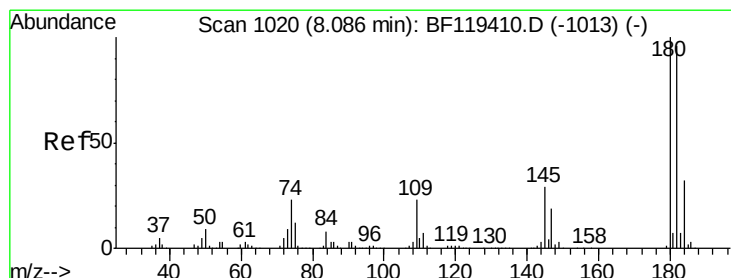
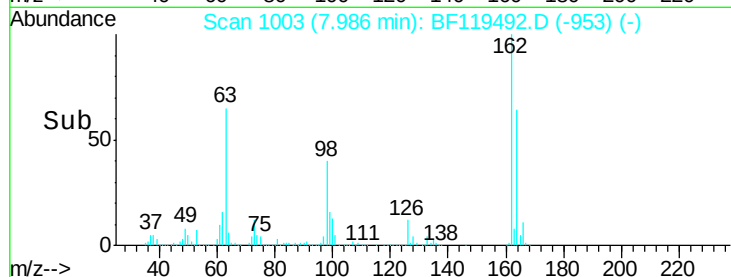
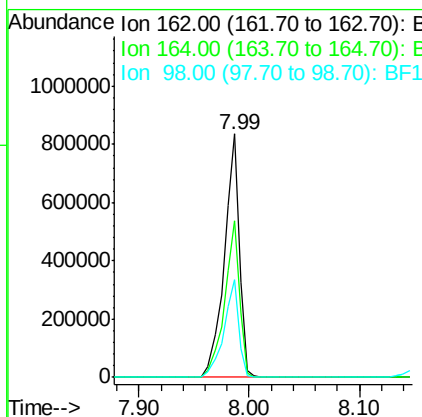
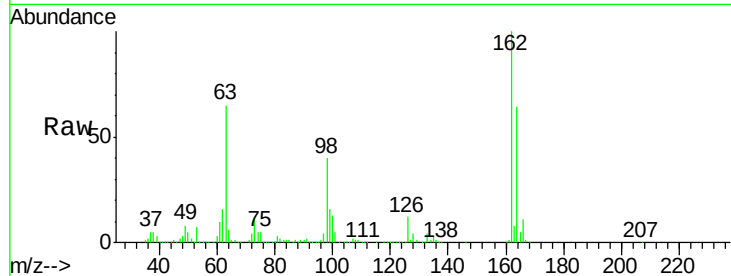
#29
2,4-Dichlorophenol
Concen: 48.727 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF119492.D
Acq: 24 Mar 2020 17:43

Instrument :
BNA_F
ClientSampleId :
5TH-STREET-SUBMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	799882		
164	64.4	43.6	83.6	
98	40.2	20.4	60.4	

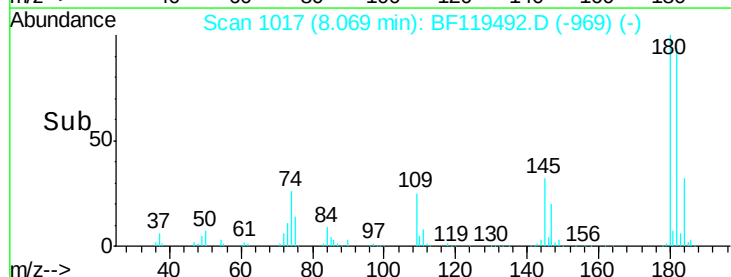
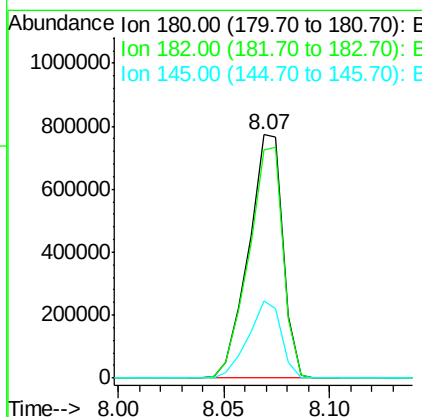
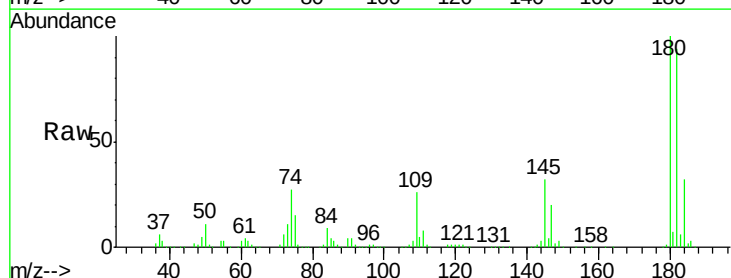
Manual Integrations
APPROVED

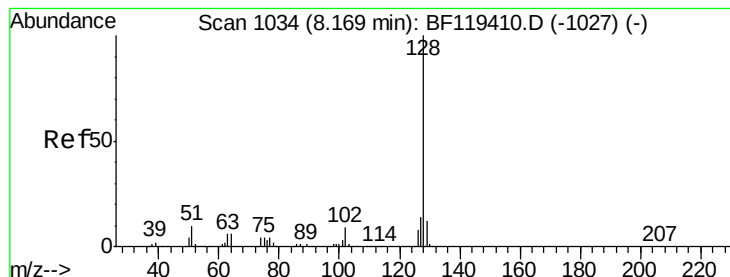
mohammad
3/25/2020 12:29:32 PM



#30
1,2,4-Trichlorobenzene
Concen: 48.030 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.02 min
Lab File: BF119492.D
Acq: 24 Mar 2020 17:43

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	871929		
182	93.6	76.6	115.0	
145	31.6	23.2	34.8	





#31

Naphthalene

Concen: 47.273 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.02 min

Lab File: BF119492.D

Acq: 24 Mar 2020 17:43

Instrument :

BNA_F

ClientSampleId :

5TH-STREET-SUBMSD

Tot Ion:128 Resp: 2714744

Ion Ratio Lower Upper

128 100

129 12.3 9.3 13.9

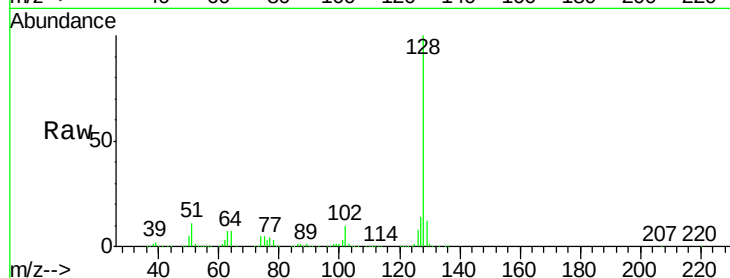
127 14.3 11.0 16.4

Manual Integrations

APPROVED

mohammad

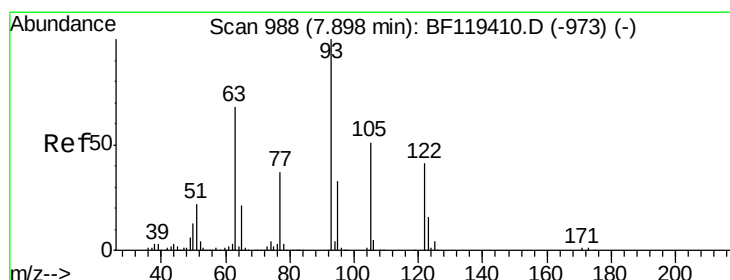
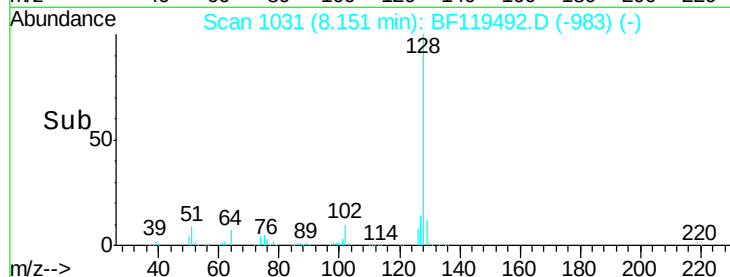
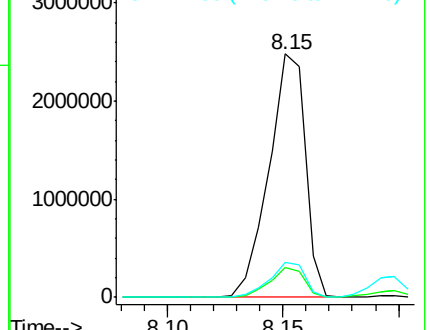
3/25/2020 12:29:32 PM



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 58.002 ng

RT: 7.91 min Scan# 990

Delta R.T. 0.01 min

Lab File: BF119492.D

Acq: 24 Mar 2020 17:43

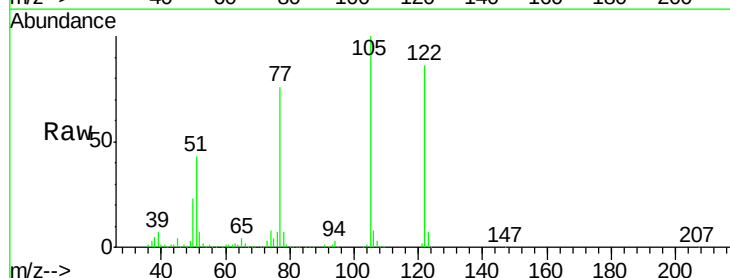
Tgt Ion:122 Resp: 666565

Ion Ratio Lower Upper

122 100

105 116.2 102.9 142.9

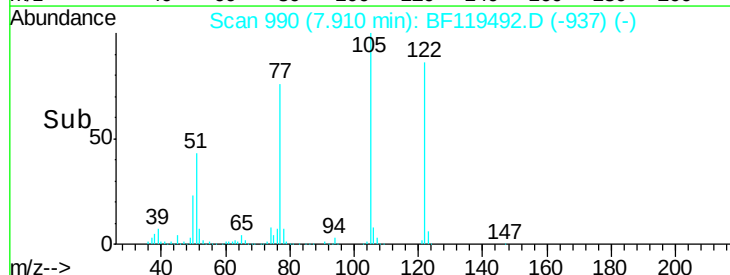
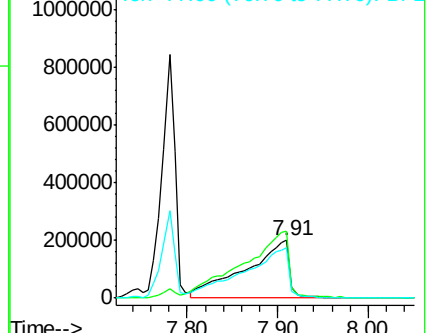
77 88.5 70.1 110.1

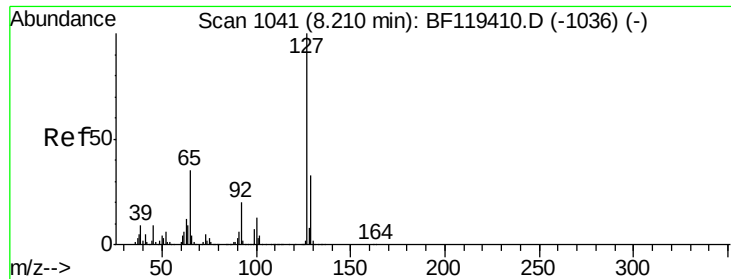


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





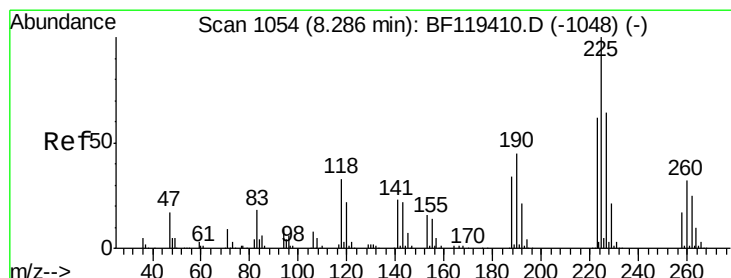
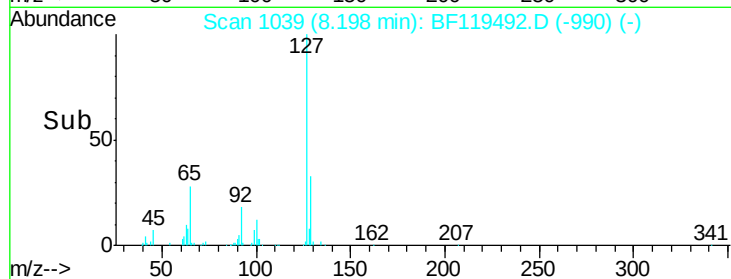
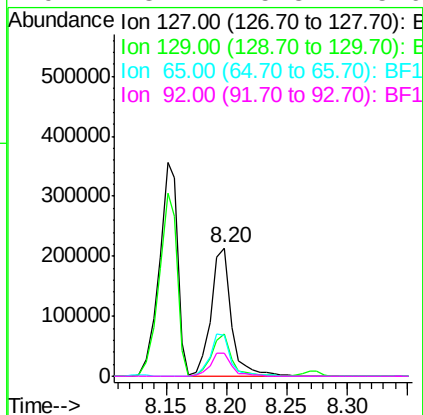
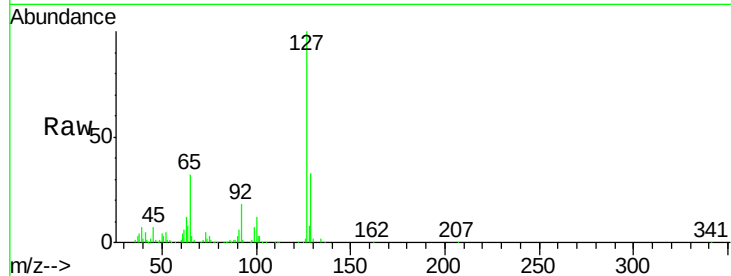
#33
4-Chloroaniline
Concen: 9.319 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF119492.D
Acq: 24 Mar 2020 17:43

Instrument :
BNA_F
ClientSampleId :
5TH-STREET-SUBMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		245229		
129	33.0	26.2	39.4		
65	32.1	27.7	41.5		
92	18.1	15.8	23.6		

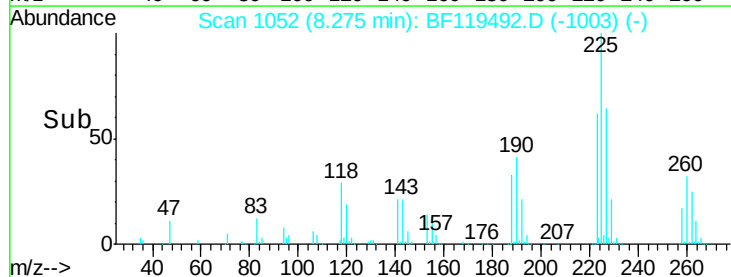
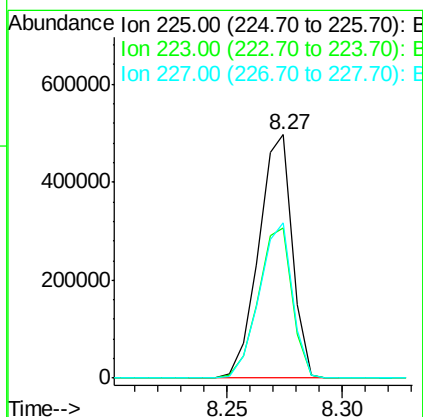
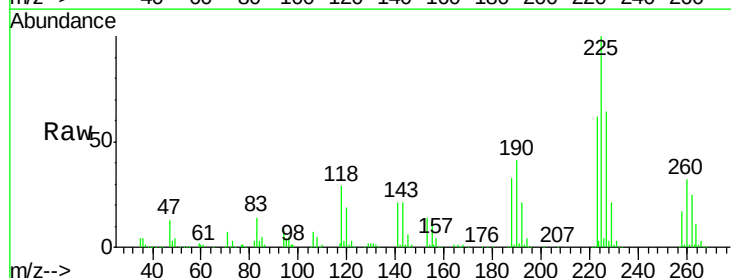
Manual Integrations
APPROVED

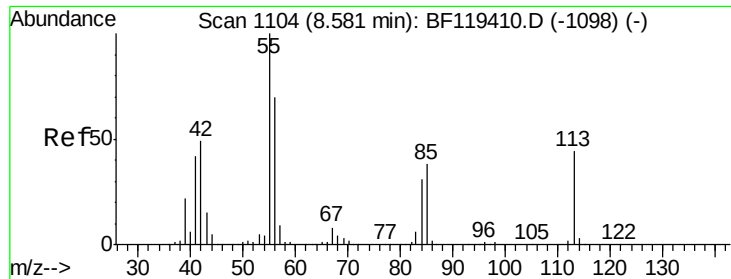
mohammad
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#34
Hexachlorobutadiene
Concen: 49.499 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF119492.D
Acq: 24 Mar 2020 17:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		502777		
223	61.9	49.2	73.8		
227	64.0	51.1	76.7		





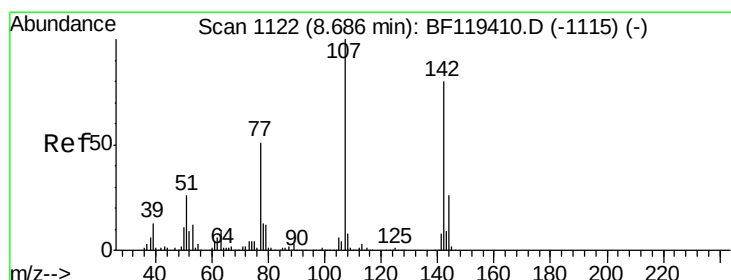
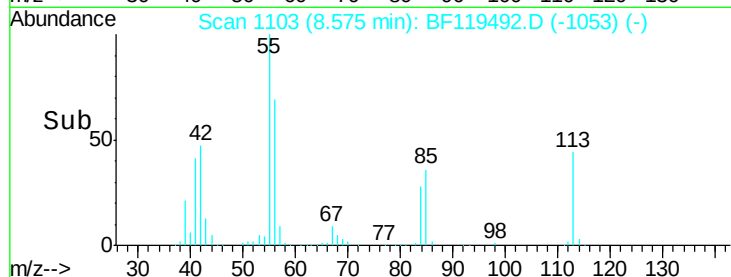
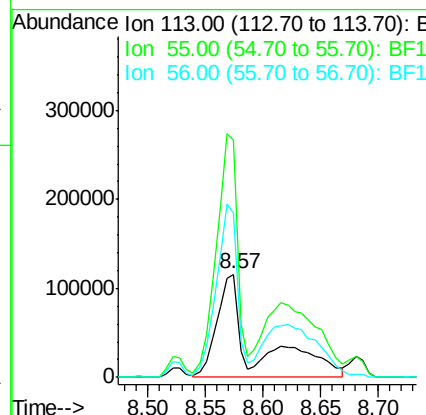
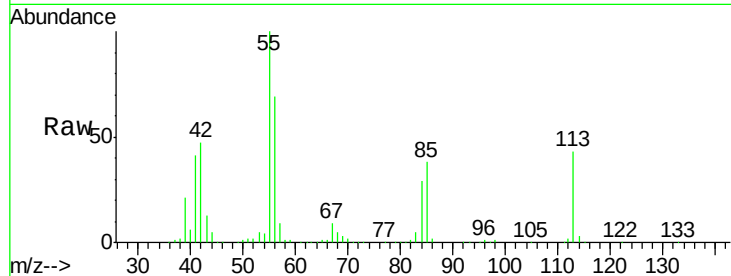
#35
Caprolactam
Concen: 49.154 ng/ml
RT: 8.57 min Scan# 1103
Delta R.T. -0.01 min
Lab File: BF119492.D
Acq: 24 Mar 2020 17:43

Instrument :
BNA_F
ClientSampleId :
5TH-STREET-SUBMSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	230.2	208.4	248.4
56	159.0	138.9	178.9

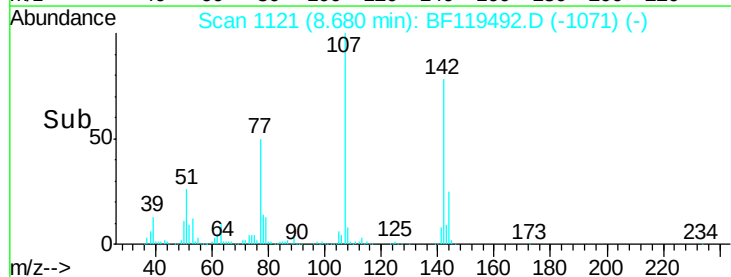
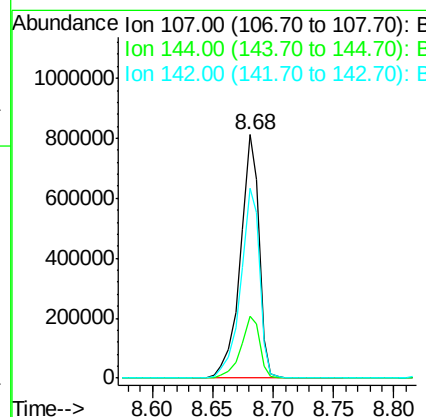
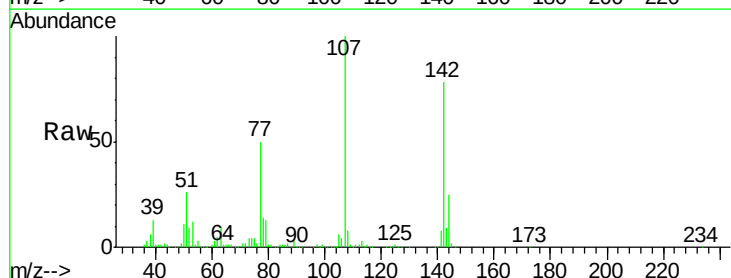
Manual Integrations
APPROVED

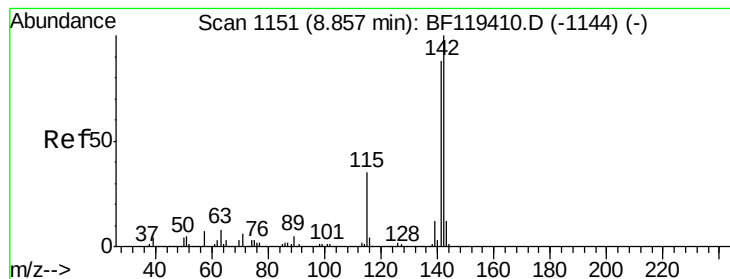
mohammad
3/25/2020 12:29:32 PM



#36
4-Chloro-3-methylphenol
Concen: 49.009 ng/ml
RT: 8.68 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BF119492.D
Acq: 24 Mar 2020 17:43

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.4	20.6	31.0
142	78.1	63.8	95.6





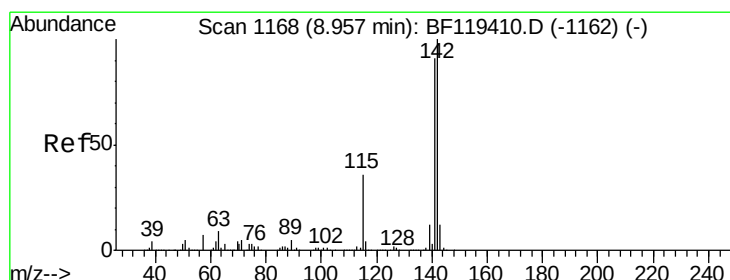
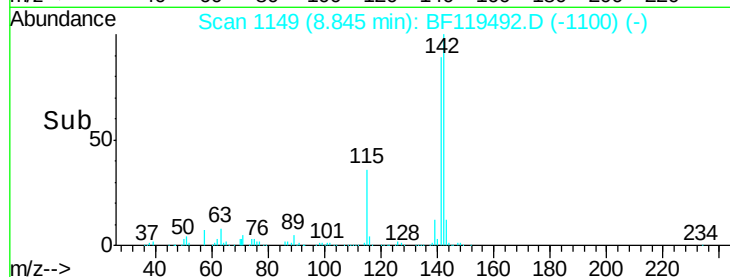
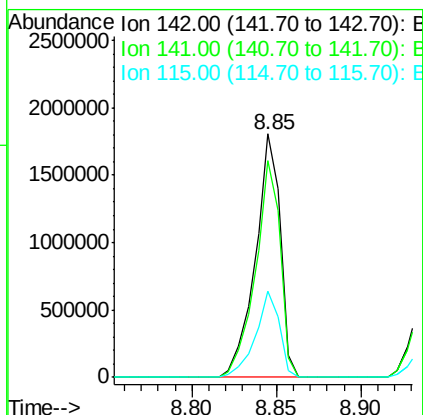
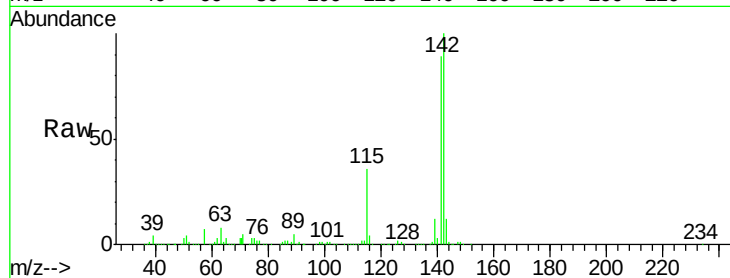
#37
2-Methylnaphthalene
Concen: 49.372 ng
RT: 8.85 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BF119492.D
Acq: 24 Mar 2020 17:43

Instrument :
BNA_F
ClientSampleId :
5TH-STREET-SUBMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.4	105.6
115	35.6	27.8	41.6

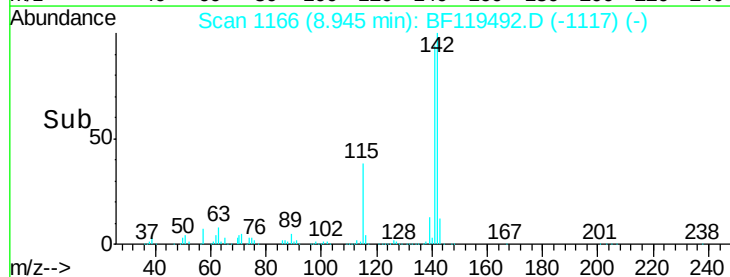
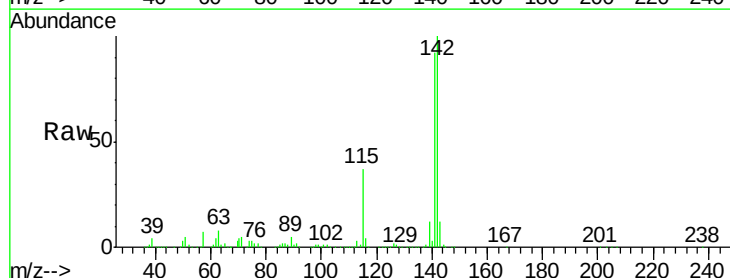
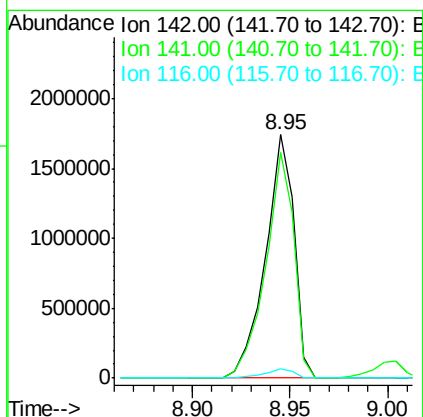
Manual Integrations
APPROVED

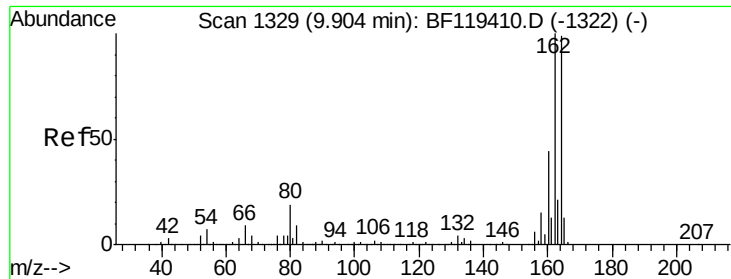
mohammad
3/25/2020 12:29:32 PM



#38
1-Methylnaphthalene
Concen: 49.596 ng
RT: 8.95 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BF119492.D
Acq: 24 Mar 2020 17:43

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.5	73.1	109.7
116	3.9	3.0	4.6





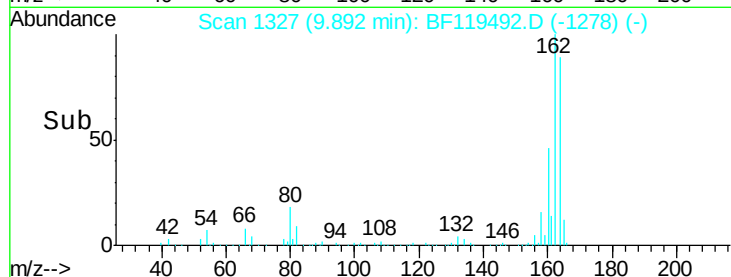
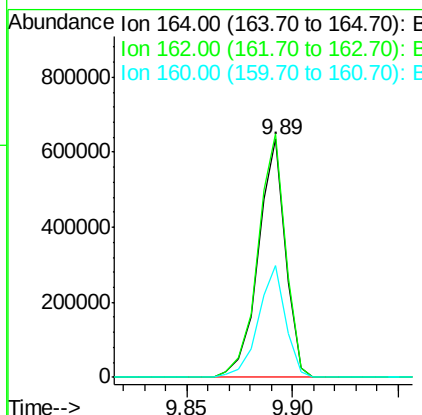
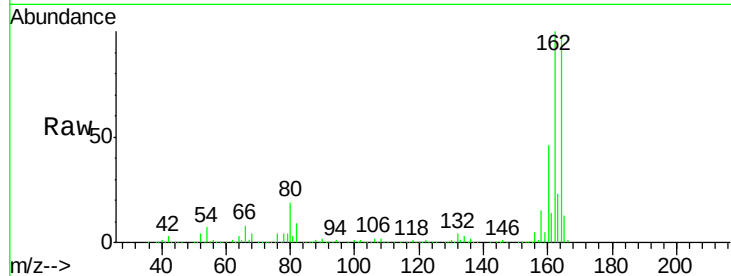
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF119492.D
Acq: 24 Mar 2020 17:43

Instrument :
BNA_F
ClientSampleId :
5TH-STREET-SUBMSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.2	80.7	121.1
160	46.7	35.5	53.3

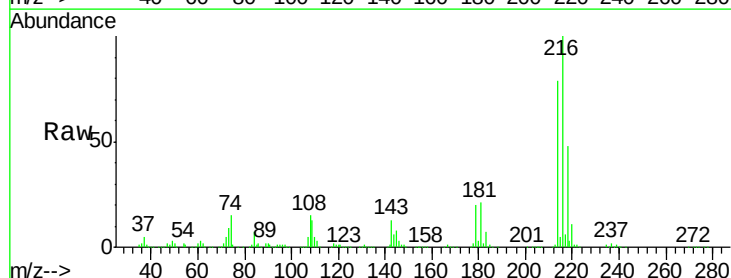
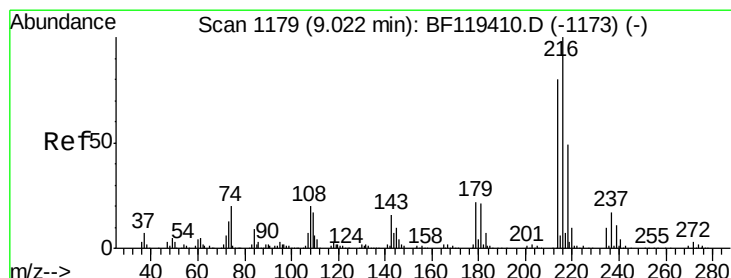
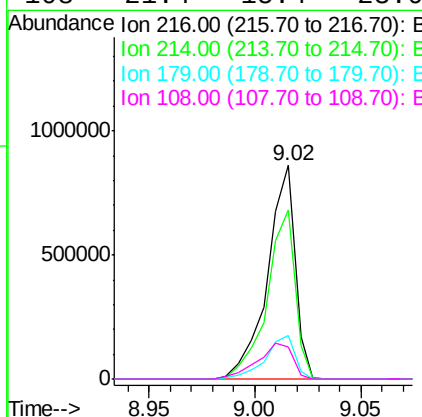
Manual Integrations
APPROVED

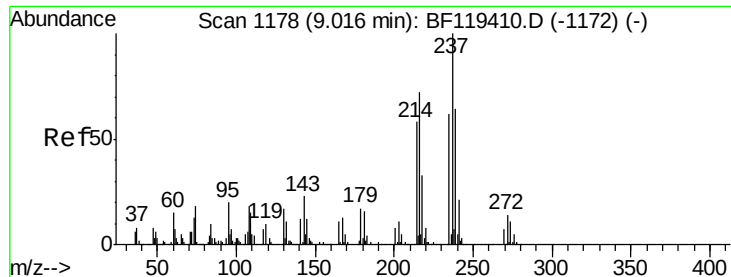
mohammad
3/25/2020 12:29:32 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.085 ng
RT: 9.02 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BF119492.D
Acq: 24 Mar 2020 17:43

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.1	63.0	94.6
179	21.5	17.0	25.4
108	21.4	15.4	23.0





#41

Hexachlorocyclopentadiene

Concen: 106.260 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BF119492.D

Acq: 24 Mar 2020 17:43

Instrument :

BNA_F

ClientSampleId :

5TH-STREET-SUBMSD

Tot Ion:237 Resp: 1009343

Ion Ratio Lower Upper

237 100

235 64.9 42.5 82.5

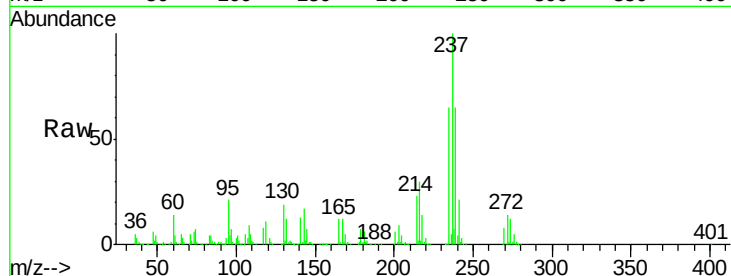
272 14.5 0.0 34.3

Manual Integrations

APPROVED

mohammad

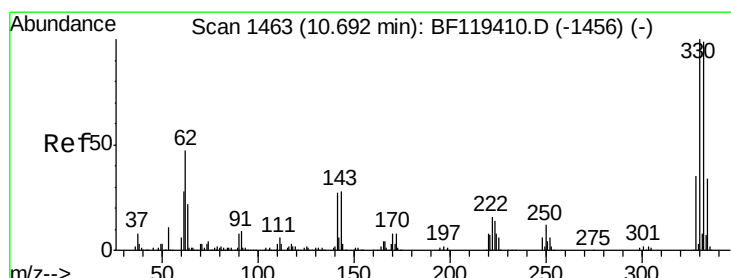
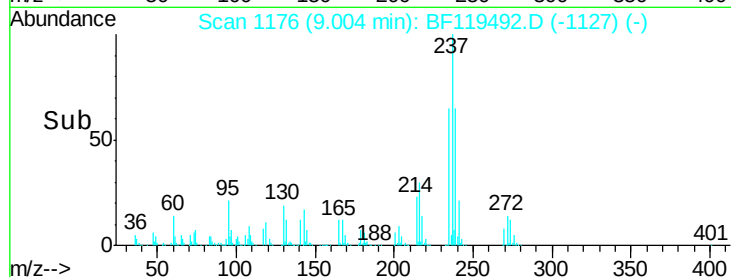
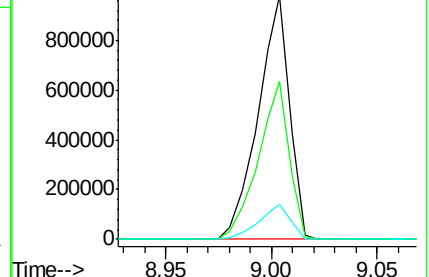
3/25/2020 12:29:32 PM



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: 120.505 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.01 min

Lab File: BF119492.D

Acq: 24 Mar 2020 17:43

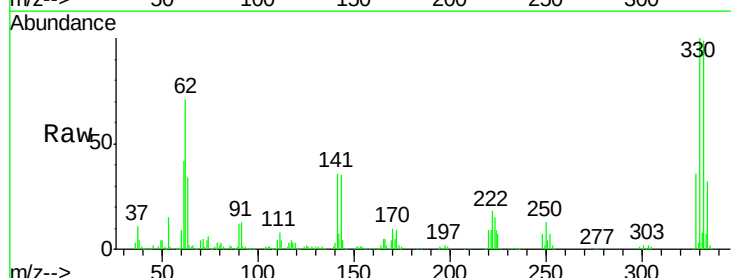
Tgt Ion:330 Resp: 708672

Ion Ratio Lower Upper

330 100

332 97.3 77.6 116.4

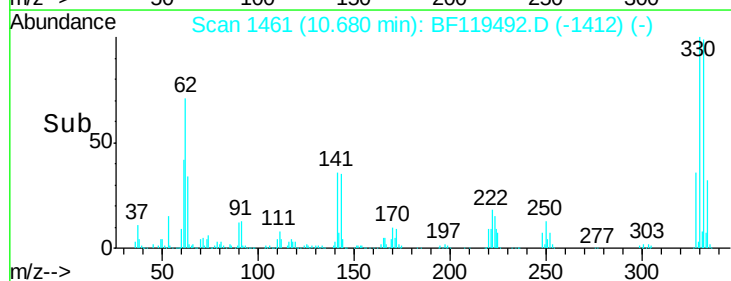
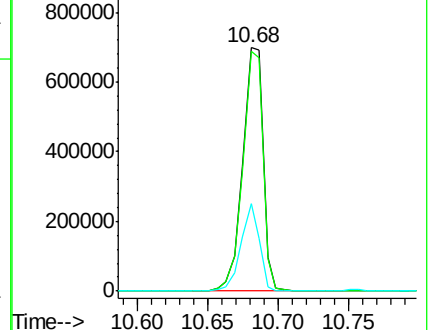
141 32.2 26.6 40.0

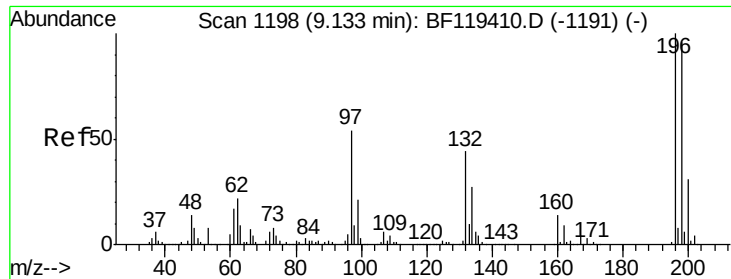


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





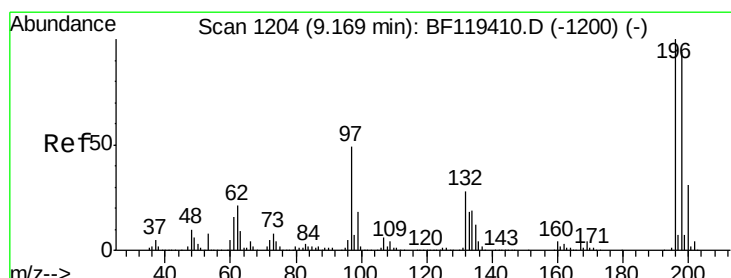
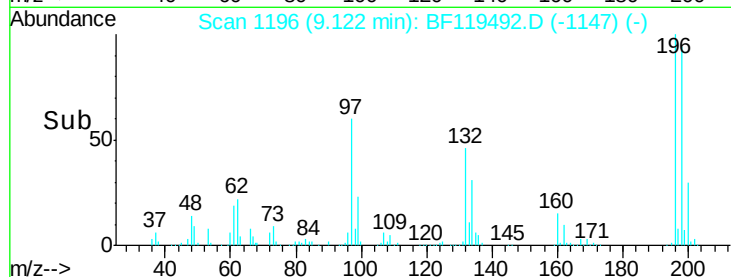
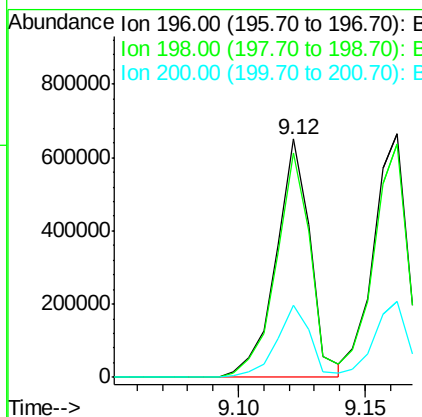
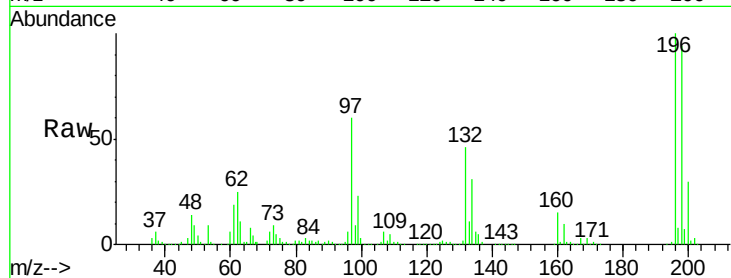
#43
 2,4,6-Trichlorophenol
 Concen: 50.831 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF119492.D
 Acq: 24 Mar 2020 17:43

Instrument :
 BNA_F
 ClientSampleId :
 5TH-STREET-SUBMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	607777		
198	94.2	77.0	115.4	
200	30.1	25.1	37.7	

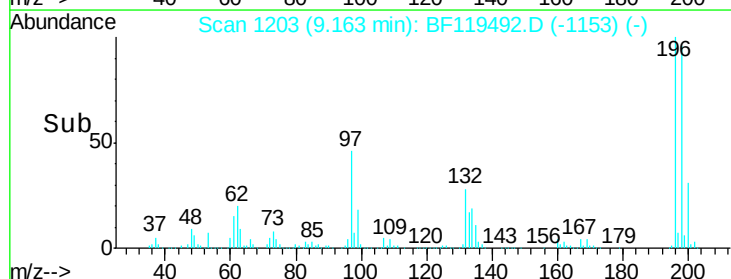
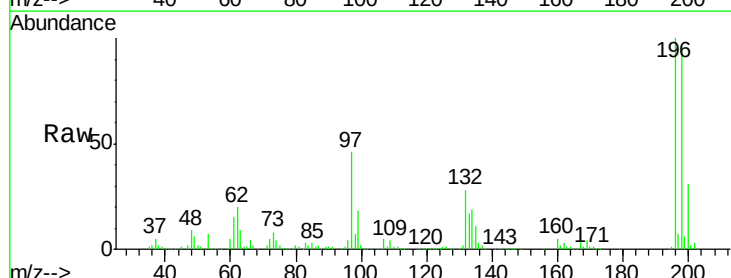
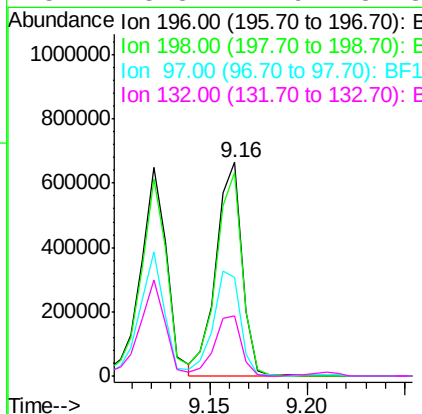
Manual Integrations
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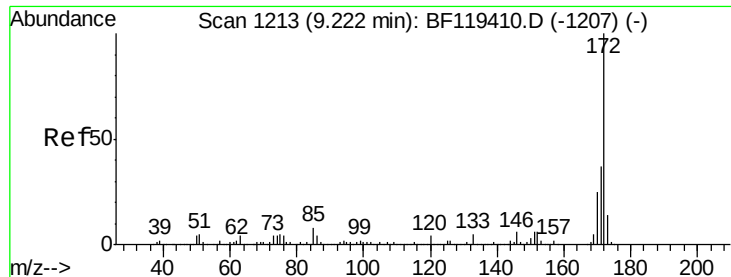
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 46.095 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF119492.D
 Acq: 24 Mar 2020 17:43

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	617414		
198	95.6	75.3	112.9	
97	46.3	39.0	58.4	
132	28.3	22.9	34.3	





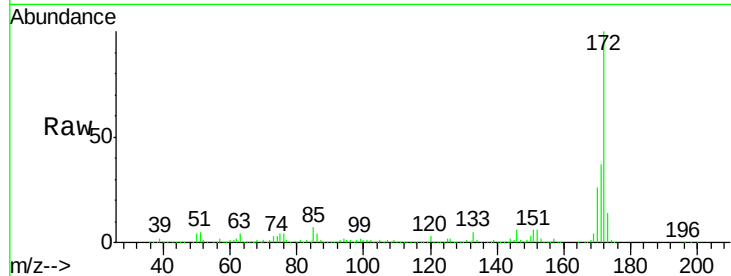
#45
2-Fluorobiphenyl
Concen: 73.899 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF119492.D
Acq: 24 Mar 2020 17:43

Instrument :
BNA_F
ClientSampleId :
5TH-STREET-SUBMSD

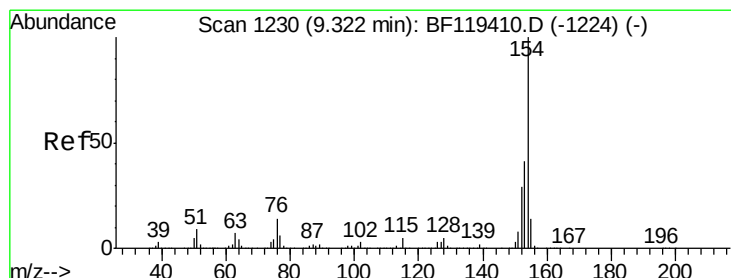
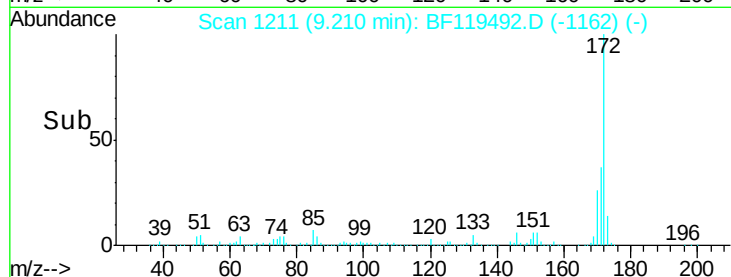
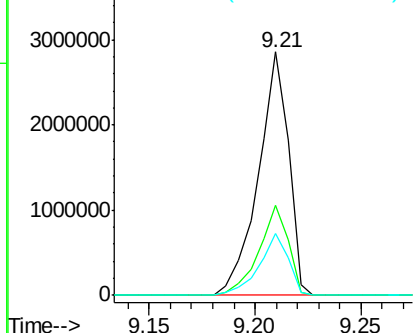
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.9	44.9
170	25.7	20.1	30.1

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3/25/2020 12:29:32 PM

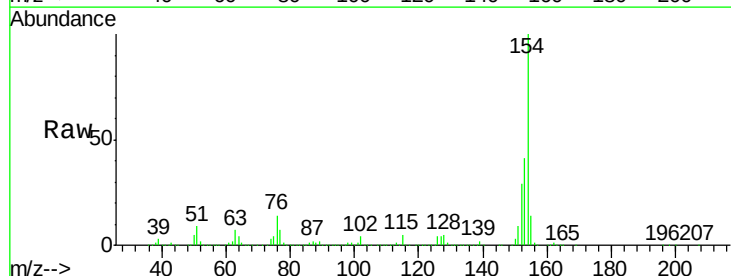


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

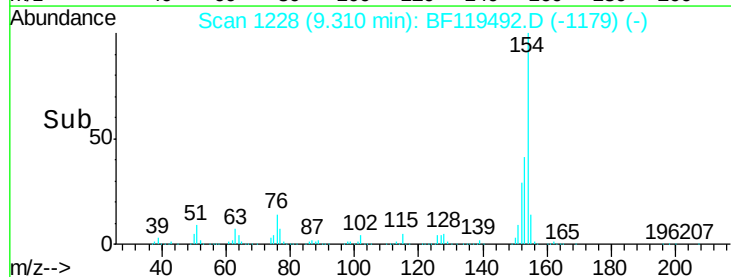
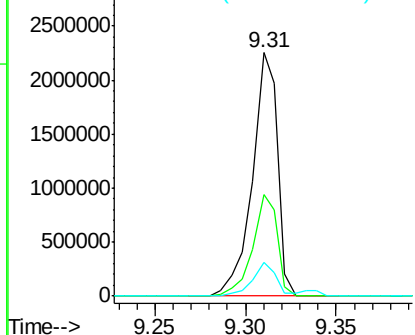


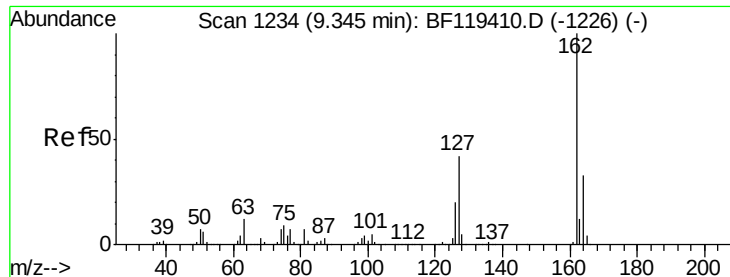
#46
1,1'-Biphenyl
Concen: 46.775 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF119492.D
Acq: 24 Mar 2020 17:43

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.5	21.4	61.4
76	13.8	0.0	33.6



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





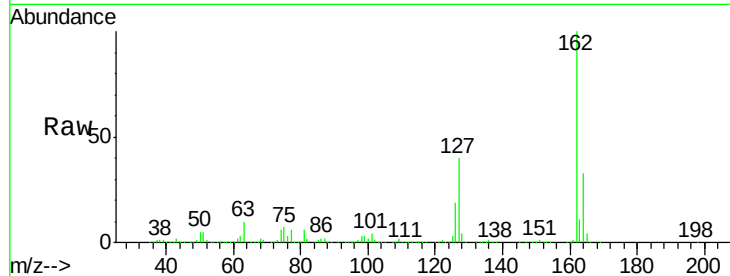
#47
2-Chloronaphthalene
Concen: 46.415 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.01 min
Lab File: BF119492.D
Acq: 24 Mar 2020 17:43

Instrument :
BNA_F
ClientSampleId :
5TH-STREET-SUBMSD

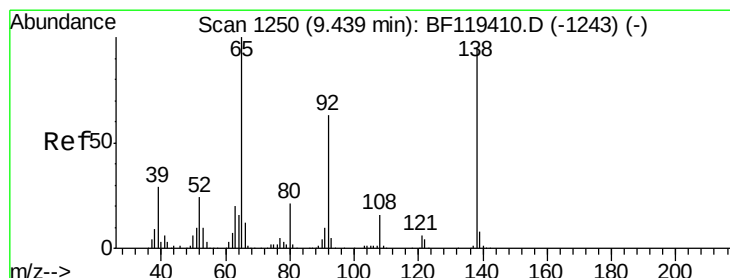
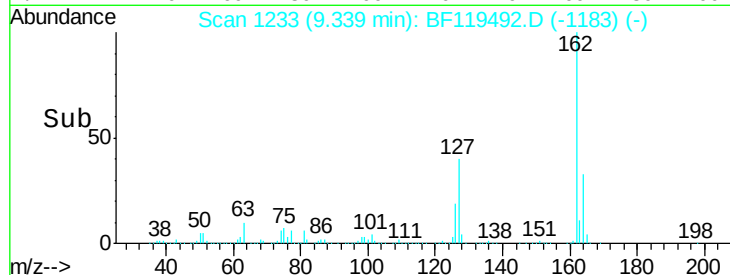
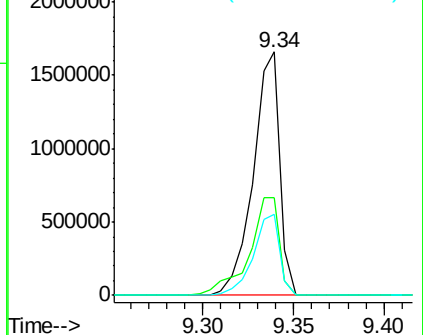
Tot Ion: 162 Resp: 1687945
Ion Ratio Lower Upper
162 100
127 40.2 33.7 50.5
164 33.3 26.2 39.4

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3/25/2020 12:29:32 PM

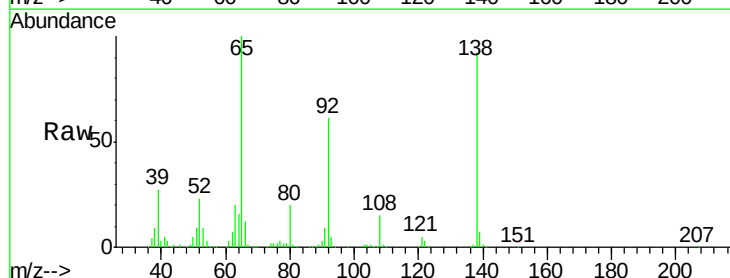


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

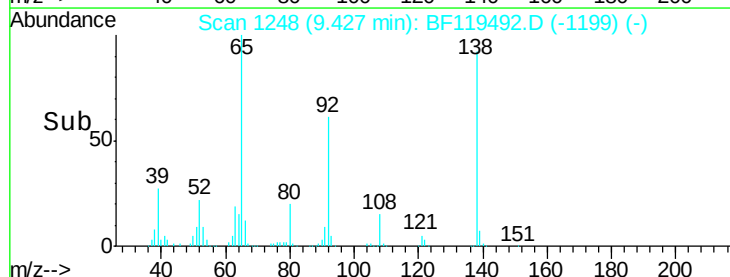
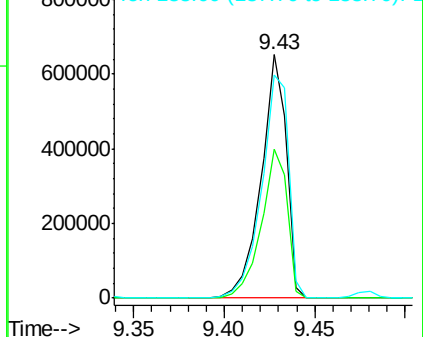


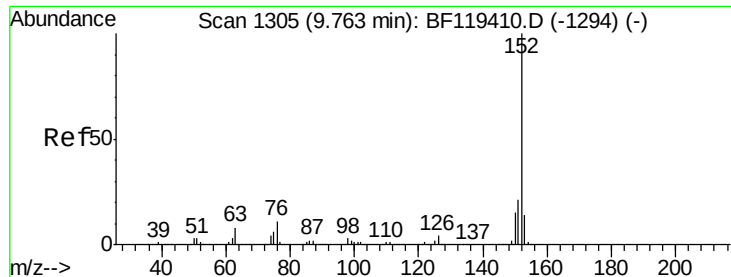
#48
2-Nitroaniline
Concen: 50.475 ng
RT: 9.43 min Scan# 1248
Delta R.T. -0.01 min
Lab File: BF119492.D
Acq: 24 Mar 2020 17:43

Tgt Ion: 65 Resp: 633580
Ion Ratio Lower Upper
65 100
92 61.3 50.5 75.7
138 91.7 75.8 113.8



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





#49

Acenaphthylene

Concen: 47.267 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF119492.D

Acq: 24 Mar 2020 17:43

Instrument :

BNA_F

ClientSampleId :

5TH-STREET-SUBMSD

Tot Ion:152 Resp: 2699326

Ion Ratio Lower Upper

152 100

151 21.0 16.8 25.2

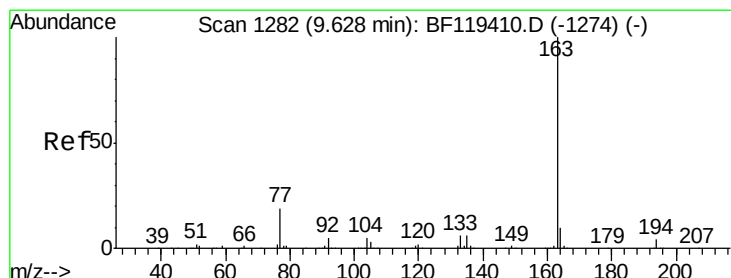
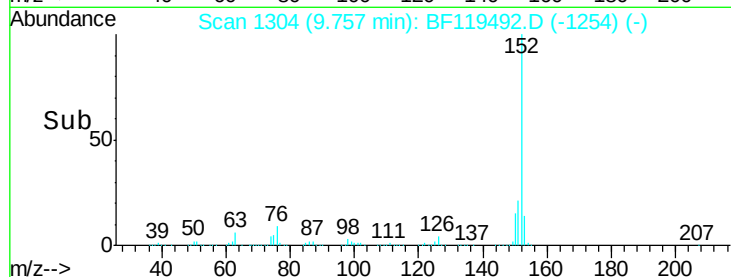
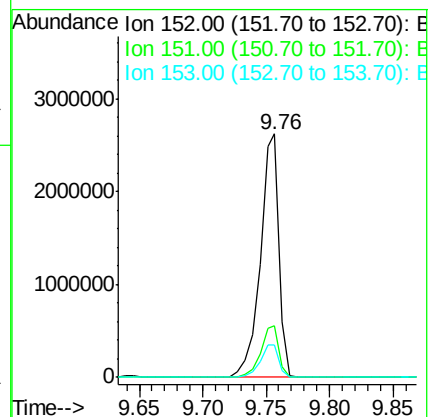
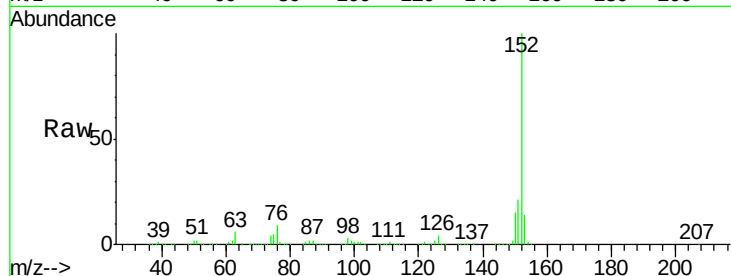
153 13.5 11.2 16.8

Manual Integrations

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3/25/2020 12:29:32 PM



#50

Dimethylphthalate

Concen: 58.533 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BF119492.D

Acq: 24 Mar 2020 17:43

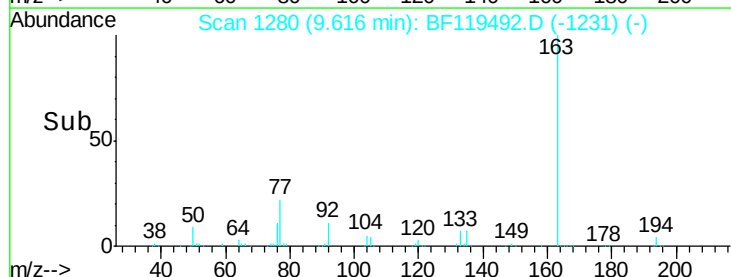
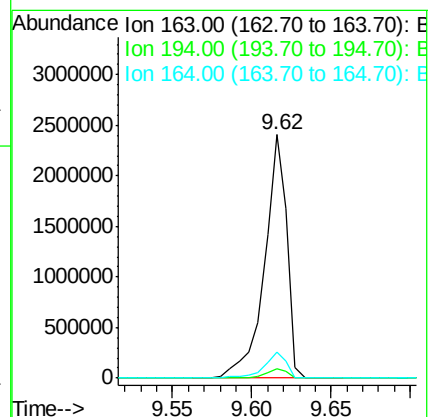
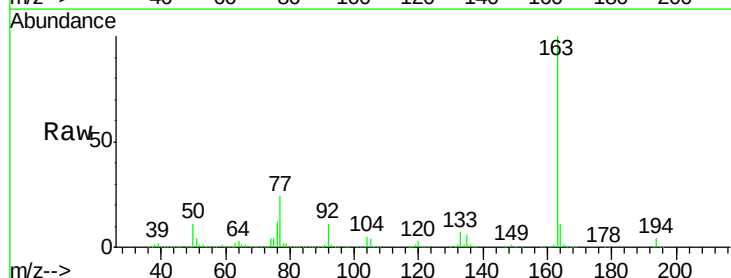
Tgt Ion:163 Resp: 2370009

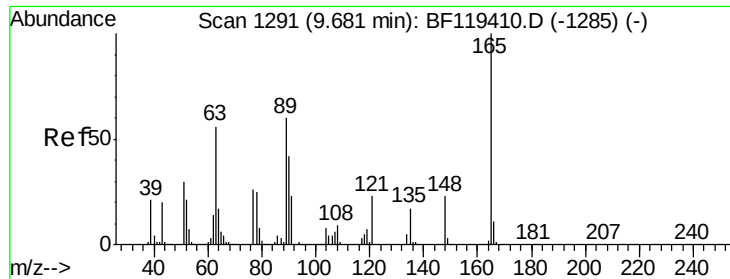
Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

164 10.7 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 52.014 ng

RT: 9.67 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BF119492.D

Acq: 24 Mar 2020 17:43

Instrument :

BNA_F

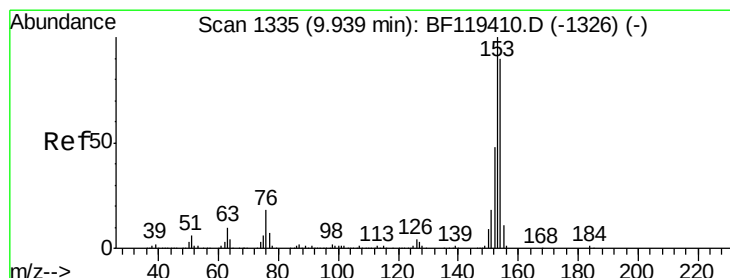
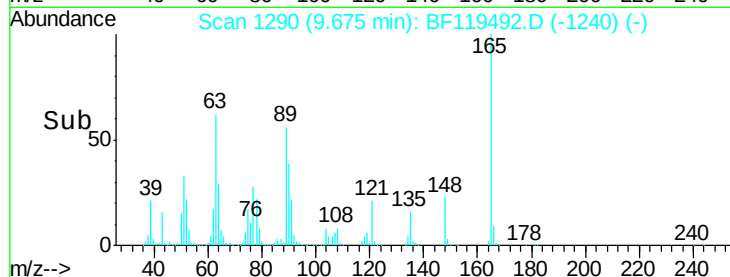
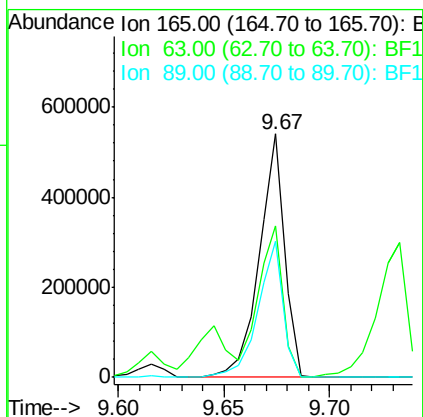
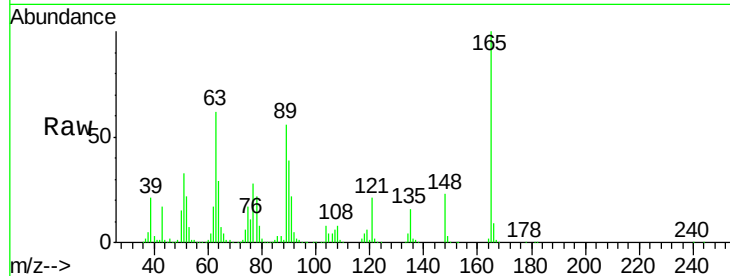
ClientSampleId :

5TH-STREET-SUBMSD

Tot Ion:	165	Resp:	451417
Ion Ratio	Lower	Upper	
165	100		
63	62.1	57.3	85.9
89	55.7	47.8	71.8

Manual Integrations
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3/25/2020 12:29:32 PM



#52

Acenaphthene

Concen: 53.416 ng

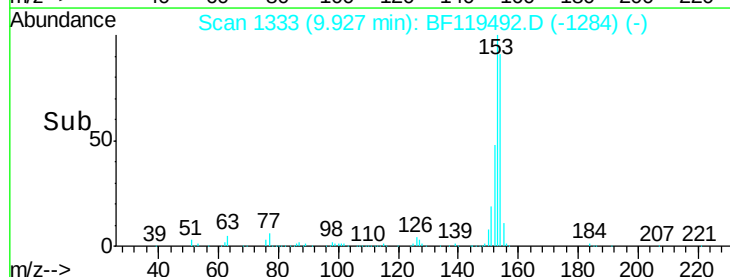
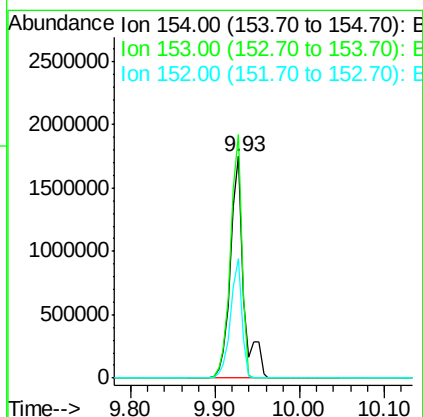
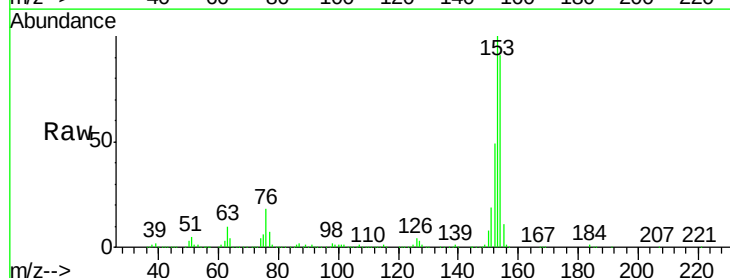
RT: 9.93 min Scan# 1333

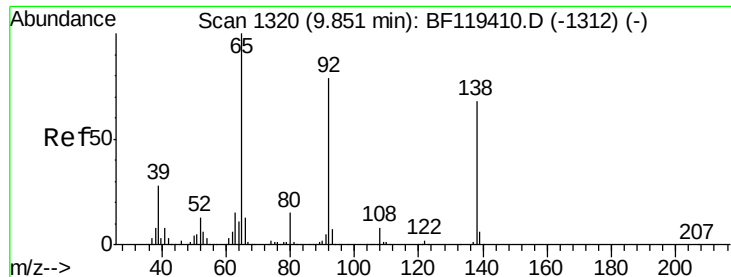
Delta R.T. -0.01 min

Lab File: BF119492.D

Acq: 24 Mar 2020 17:43

Tgt Ion:	154	Resp:	1901727
Ion Ratio	Lower	Upper	
154	100		
153	109.9	89.0	133.6
152	54.0	43.1	64.7





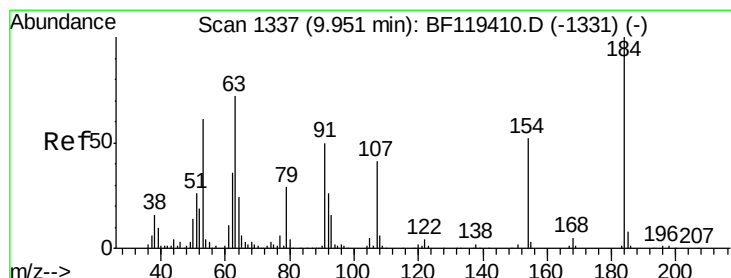
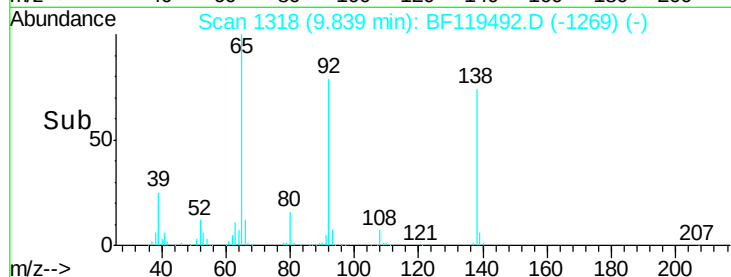
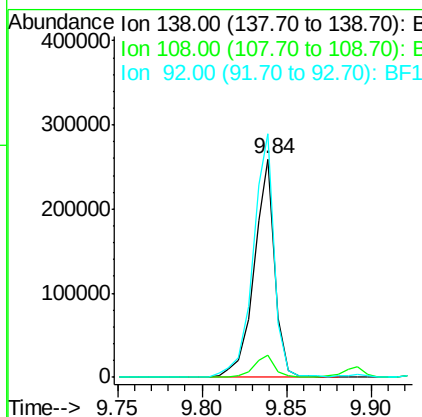
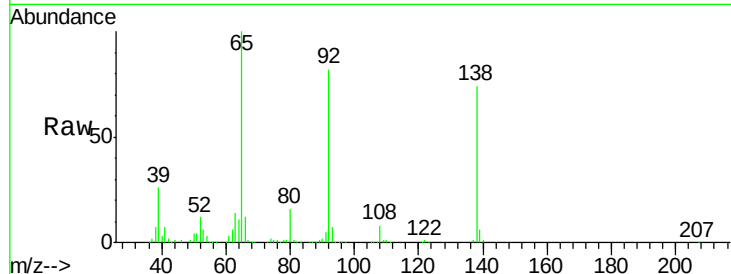
#53
3-Nitroaniline
Concen: 20.326 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF119492.D
Acq: 24 Mar 2020 17:43

Instrument :
BNA_F
ClientSampleId :
5TH-STREET-SUBMSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
108	10.3	9.0	13.6	
92	111.6	93.2	139.8	

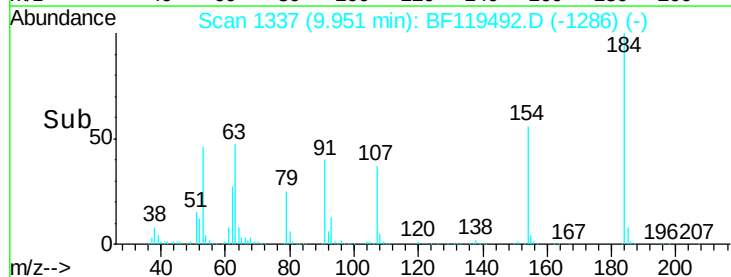
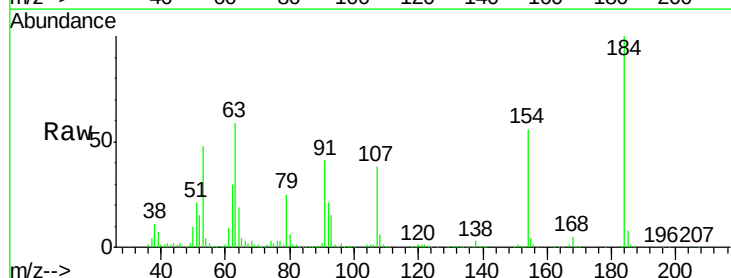
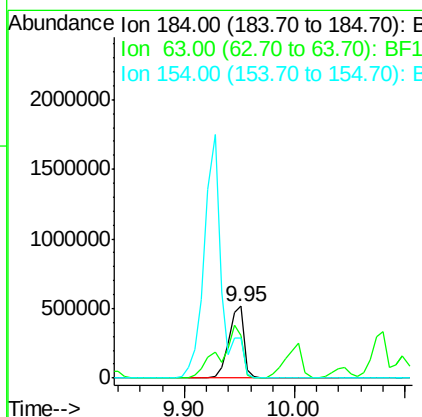
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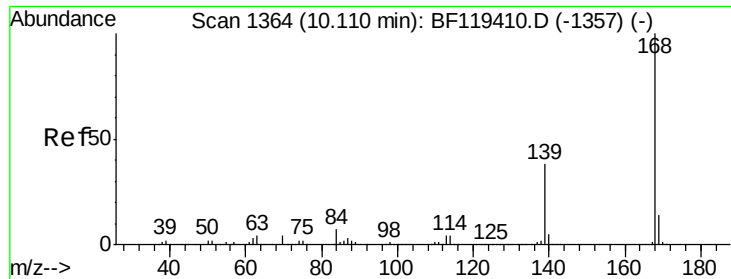
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#54
2,4-Dinitrophenol
Concen: 129.611 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.00 min
Lab File: BF119492.D
Acq: 24 Mar 2020 17:43

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
63	58.9	58.5	87.7	
154	56.1	51.8	77.6	





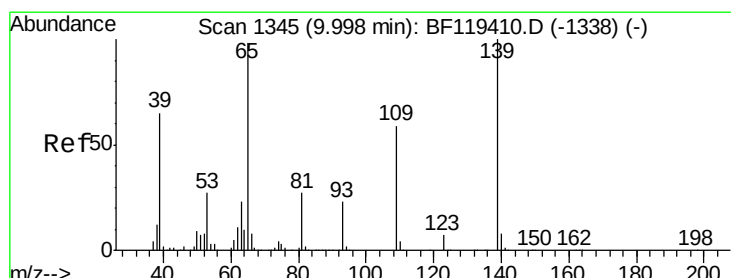
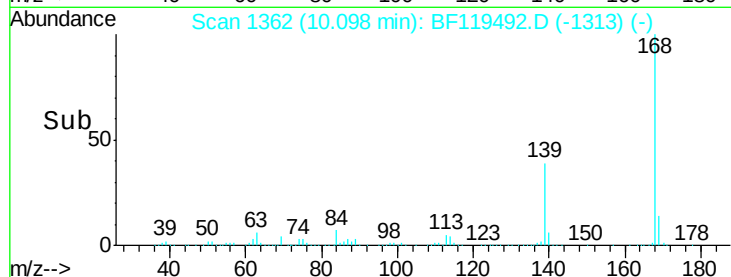
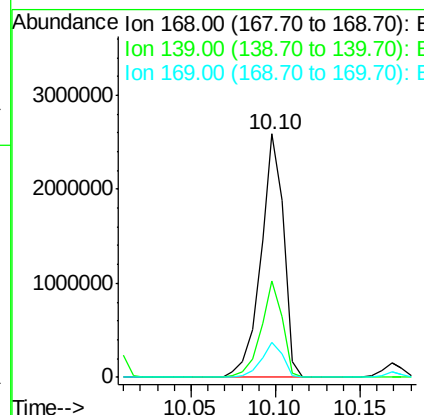
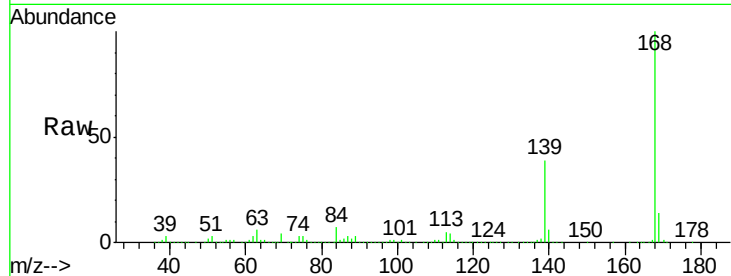
#55
Dibenzofuran
Concen: 47.452 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF119492.D
Acq: 24 Mar 2020 17:43

Instrument :
BNA_F
ClientSampleId :
5TH-STREET-SUBMSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.5	30.2	45.4
169	14.5	11.1	16.7

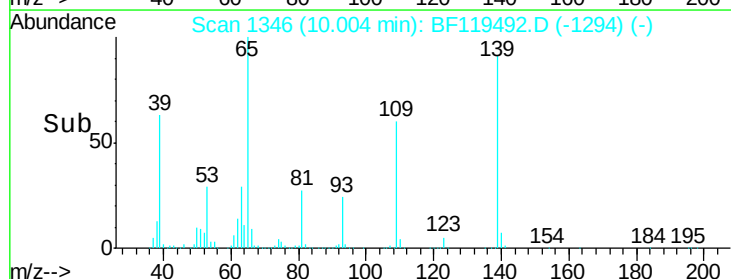
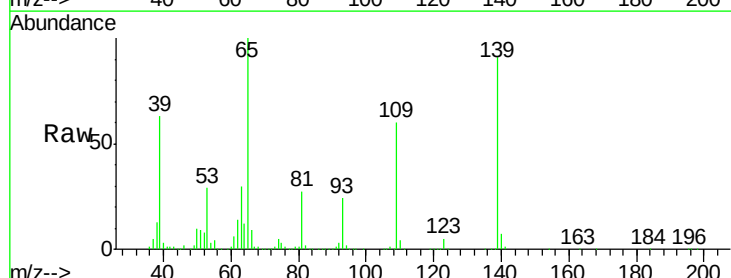
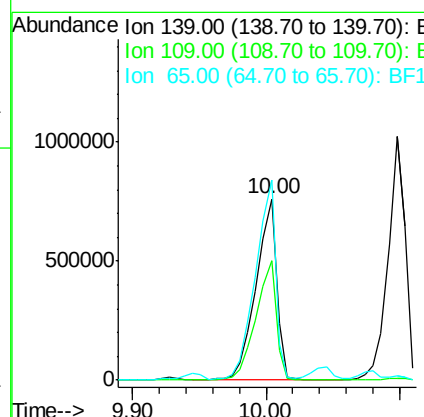
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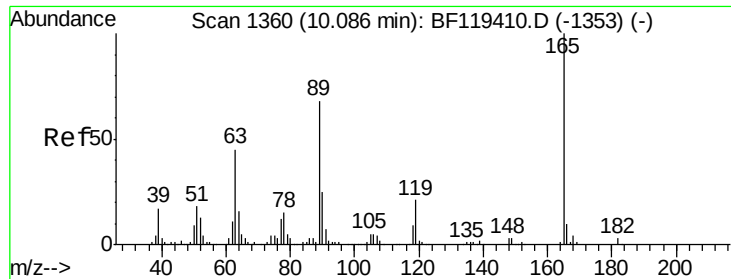
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#56
4-Nitrophenol
Concen: 93.315 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BF119492.D
Acq: 24 Mar 2020 17:43

Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.1	39.6	79.6
65	110.1	78.3	118.3





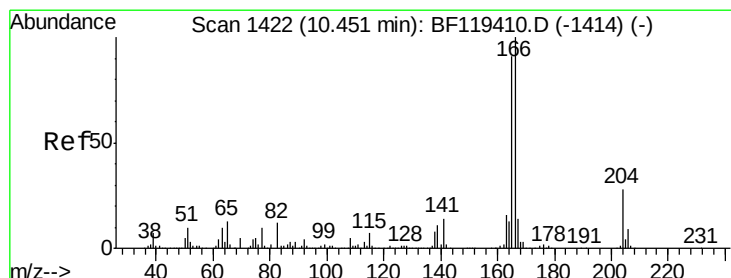
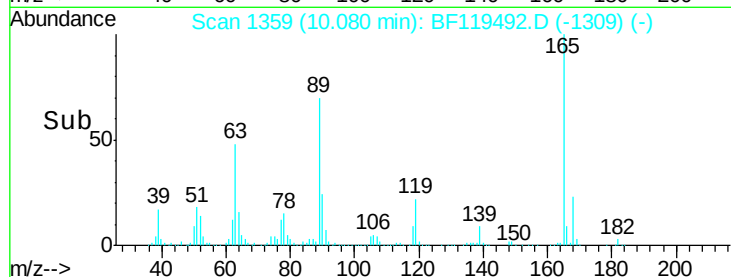
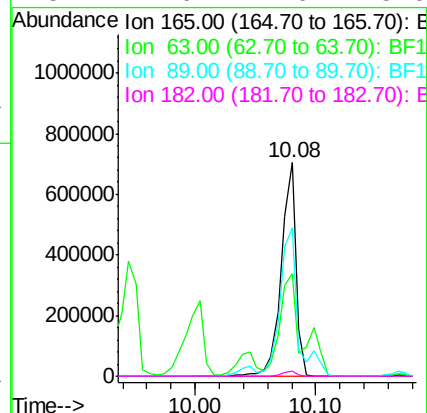
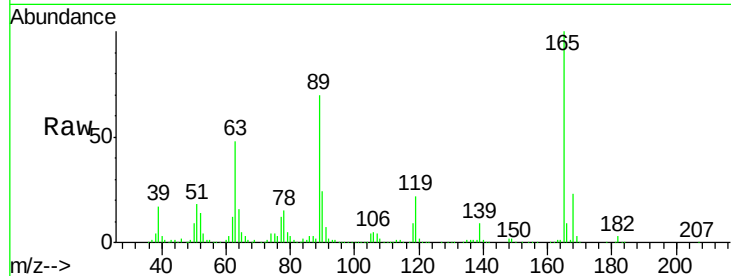
#57
2,4-Dinitrotoluene
Concen: 55.432 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF119492.D
Acq: 24 Mar 2020 17:43

Instrument :
BNA_F
ClientSampleId :
5TH-STREET-SUBMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	606035		
63	48.1	36.2	54.4	
89	69.8	54.3	81.5	
182	2.6	2.0	3.0	

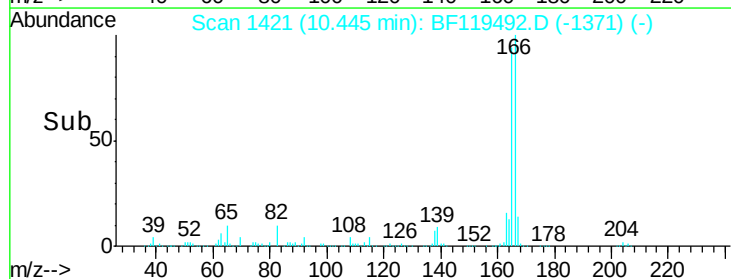
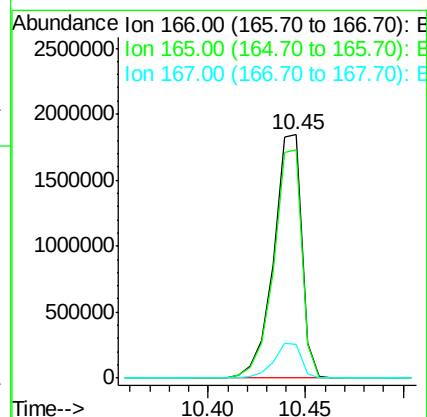
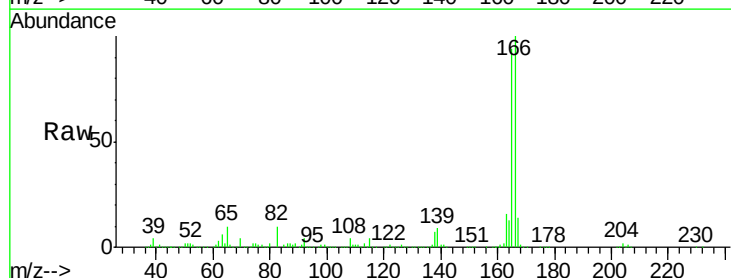
Manual Integrations
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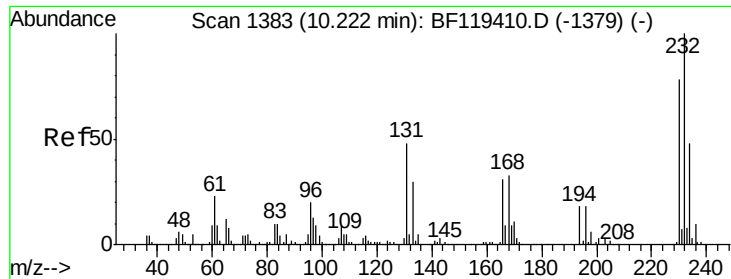
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#58
Fluorene
Concen: 48.635 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF119492.D
Acq: 24 Mar 2020 17:43

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1835820		
165	93.6	73.1	109.7	
167	13.7	11.0	16.6	





#59

2,3,4,6-Tetrachlorophenol

Concen: 52.028 ng

RT: 10.22 min Scan# 1382

Delta R.T. -0.01 min

Lab File: BF119492.D

Acq: 24 Mar 2020 17:43

Instrument :

BNA_F

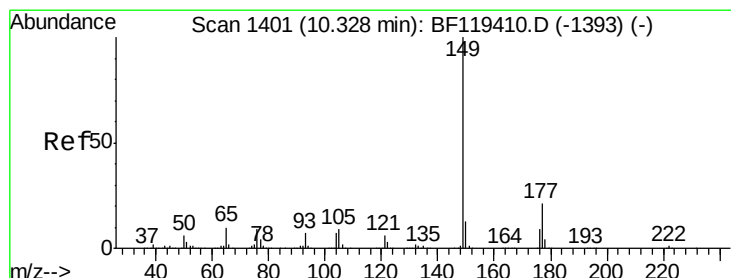
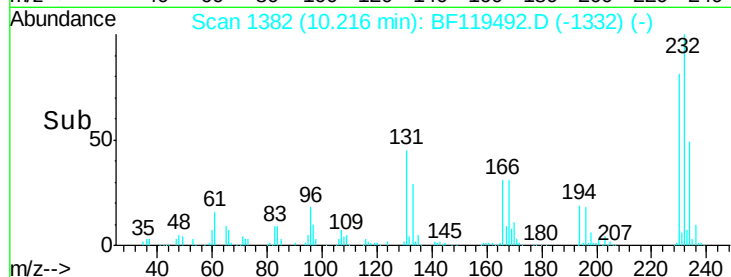
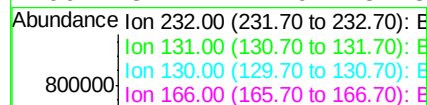
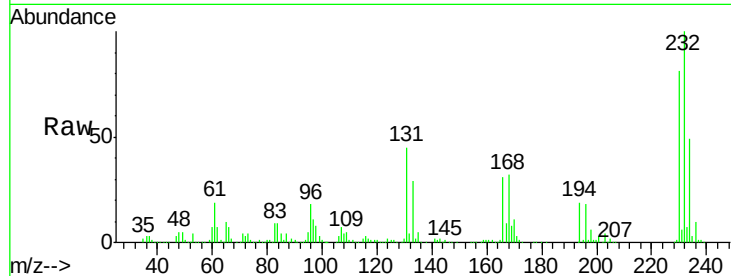
ClientSampleId :

5TH-STREET-SUBMSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	47.1	36.3	54.5
130	2.1	1.8	2.6
166	32.2	24.9	37.3

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3/25/2020 12:29:32 PM



#60

Diethylphthalate

Concen: 49.849 ng

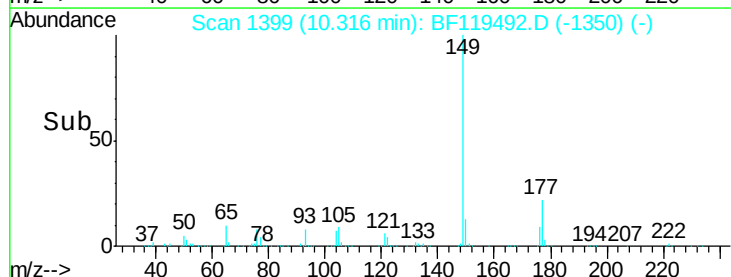
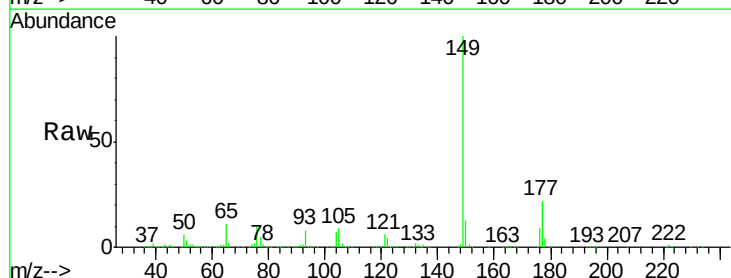
RT: 10.32 min Scan# 1399

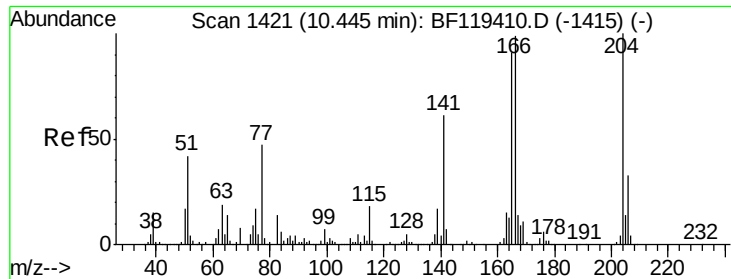
Delta R.T. -0.01 min

Lab File: BF119492.D

Acq: 24 Mar 2020 17:43

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.6	17.0	25.6
150	13.2	10.2	15.4





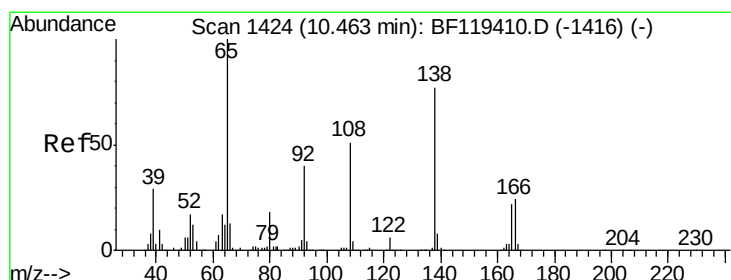
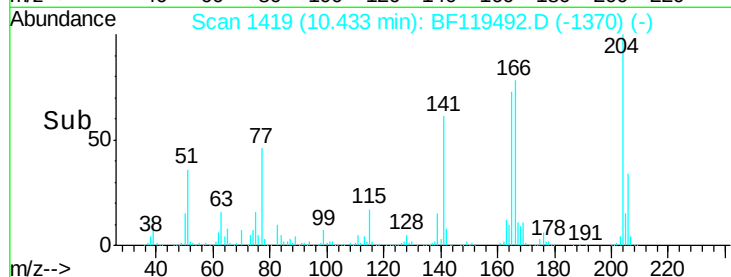
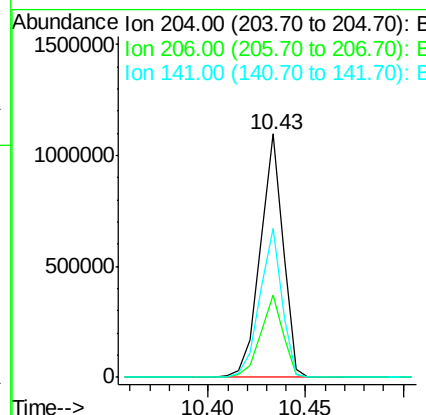
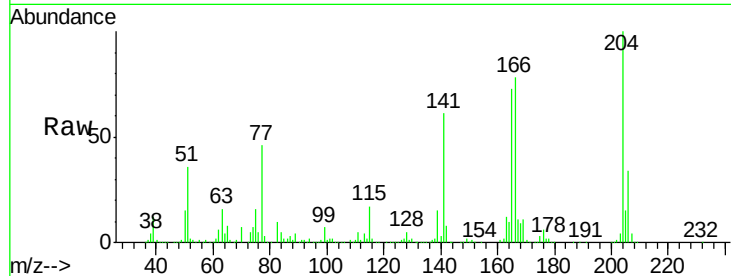
#61
 4-Chlorophenyl-phenylether
 Concen: 48.006 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. -0.01 min
 Lab File: BF119492.D
 Acq: 24 Mar 2020 17:43

Instrument :
 BNA_F
 ClientSampleId :
 5TH-STREET-SUBMSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.0	26.7	40.1
141	61.0	48.8	73.2

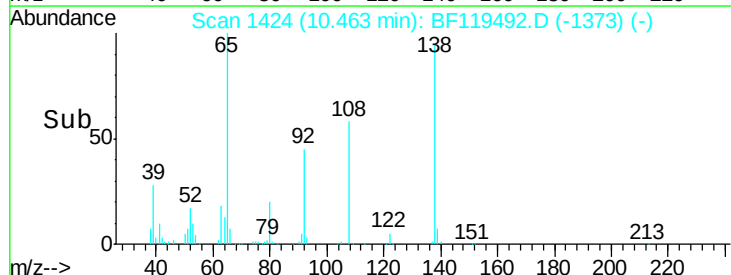
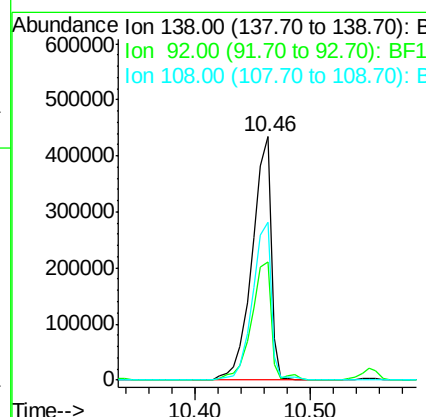
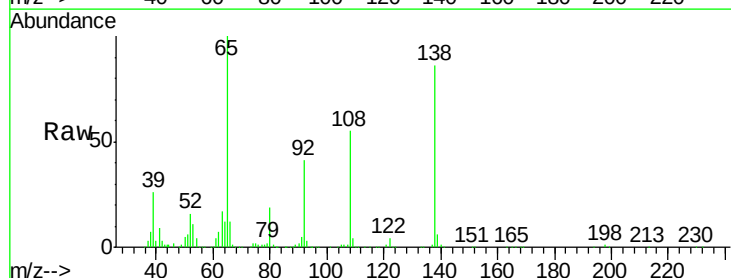
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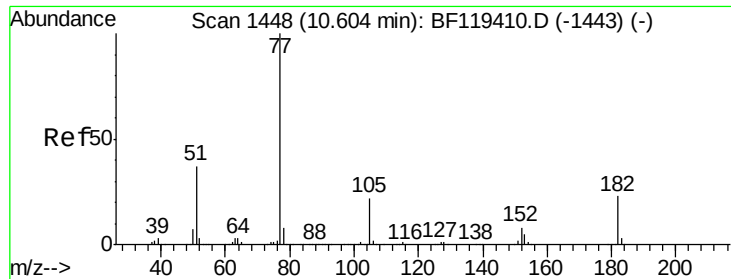
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#62
 4-Nitroaniline
 Concen: 47.093 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.00 min
 Lab File: BF119492.D
 Acq: 24 Mar 2020 17:43

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.3	32.0	72.0
108	64.7	46.0	86.0





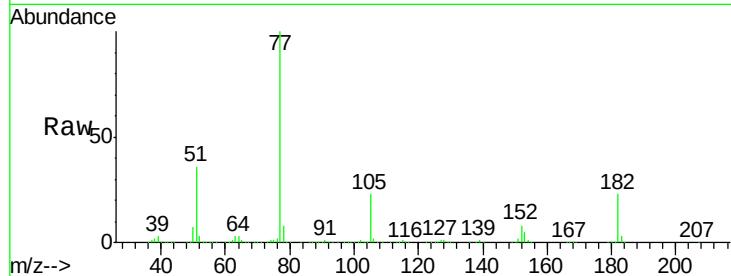
#63
Azobenzene
Concen: 47.437 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.01 min
Lab File: BF119492.D
Acq: 24 Mar 2020 17:43

Instrument :
BNA_F
ClientSampleId :
5TH-STREET-SUBMSD

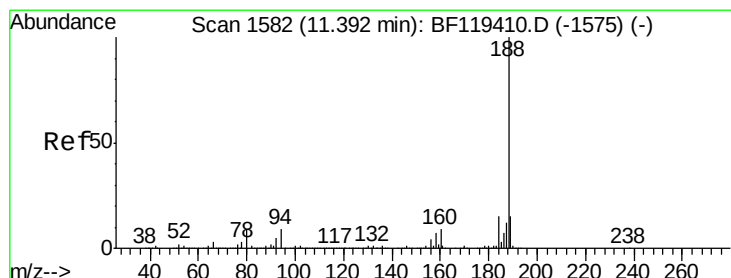
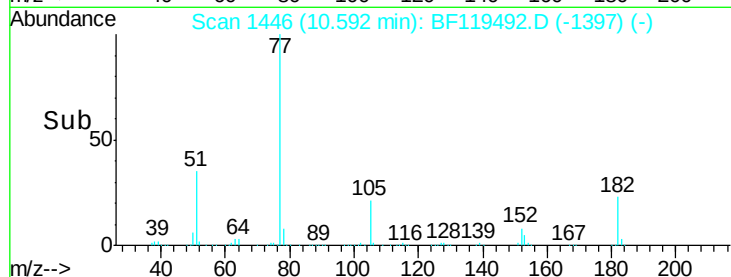
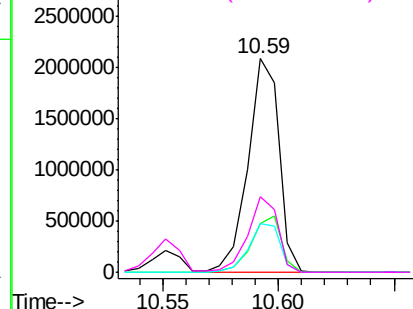
Tot Ion: 77 Resp: 1963073
Ion Ratio Lower Upper
77 100
182 23.0 2.5 42.5
105 22.8 2.5 42.5
51 35.7 17.1 57.1

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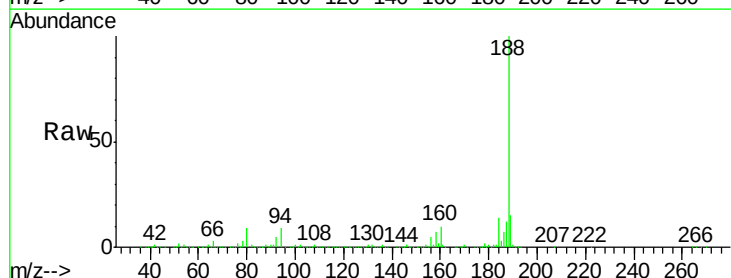


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

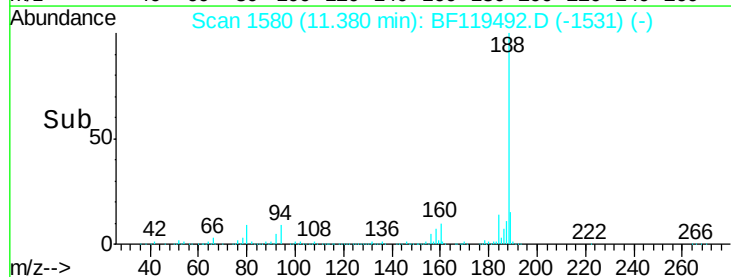
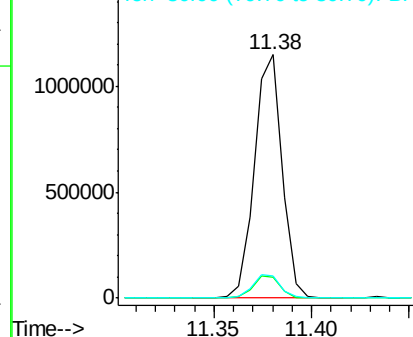


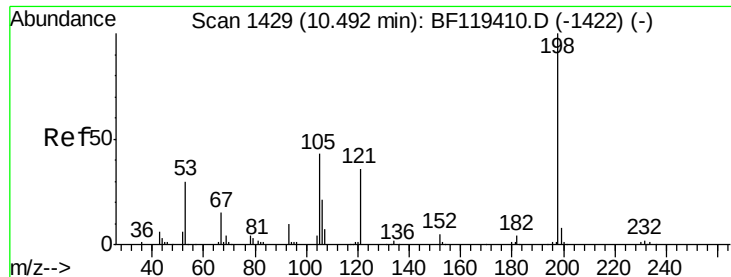
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF119492.D
Acq: 24 Mar 2020 17:43

Tgt Ion: 188 Resp: 1125645
Ion Ratio Lower Upper
188 100
94 8.6 7.1 10.7
80 9.1 7.5 11.3



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





#65

4,6-Dinitro-2-methylphenol

Concen: 68.030 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.01 min

Lab File: BF119492.D

Acq: 24 Mar 2020 17:43

Instrument :

BNA_F

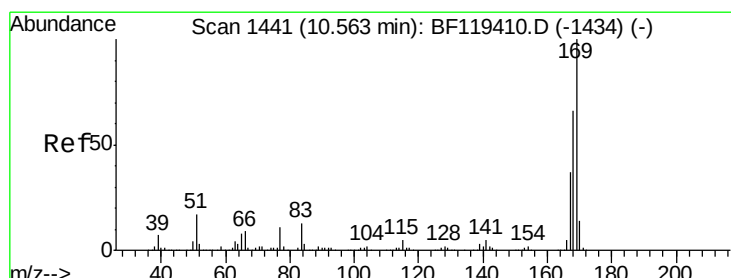
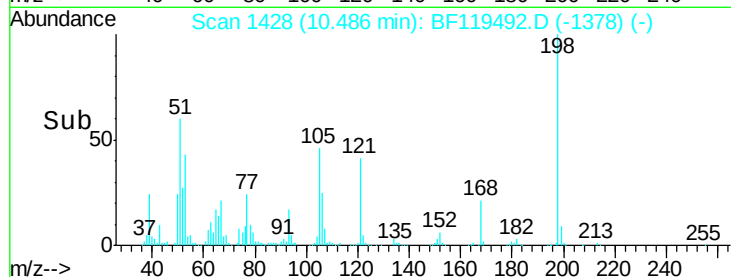
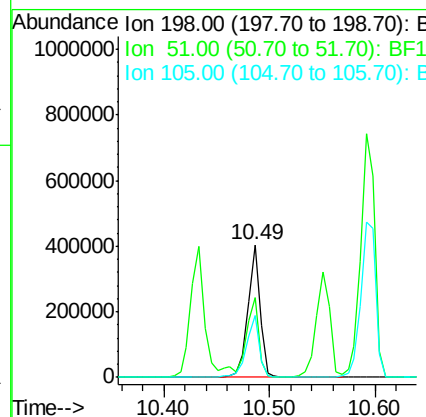
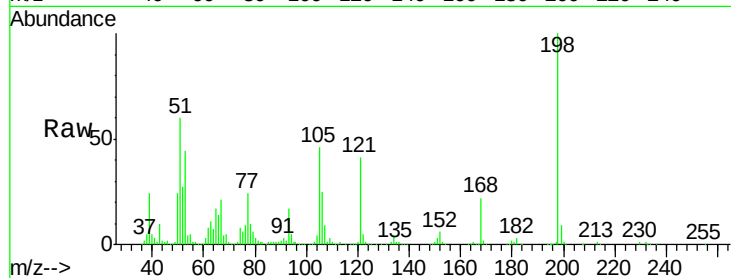
ClientSampleId :

5TH-STREET-SUBMSD

Tot Ion:	198	Resp:	321109
Ion Ratio	Lower	Upper	
198	100		
51	60.2	33.1	73.1
105	46.2	24.1	64.1

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#66

n-Nitrosodiphenylamine

Concen: 46.469 ng

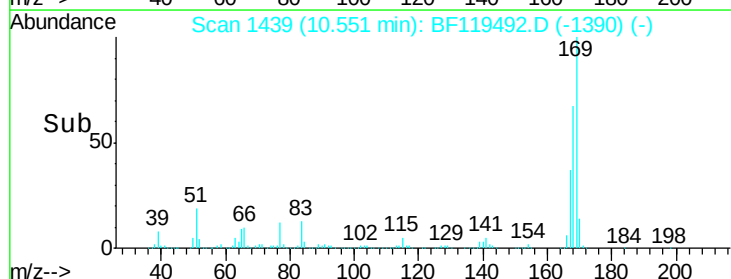
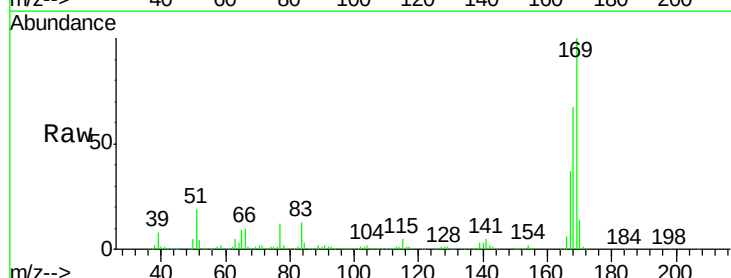
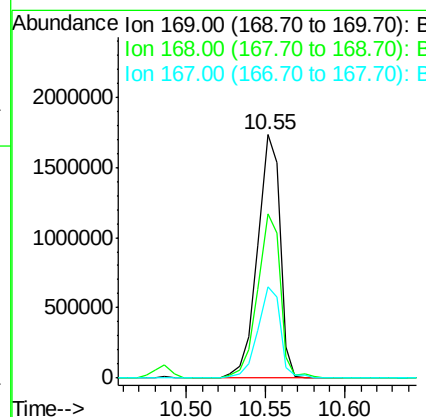
RT: 10.55 min Scan# 1439

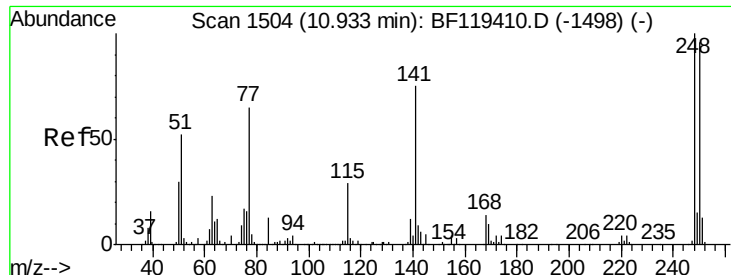
Delta R.T. -0.01 min

Lab File: BF119492.D

Acq: 24 Mar 2020 17:43

Tgt Ion:	169	Resp:	1717191
Ion Ratio	Lower	Upper	
169	100		
168	67.4	52.7	79.1
167	37.4	29.3	43.9





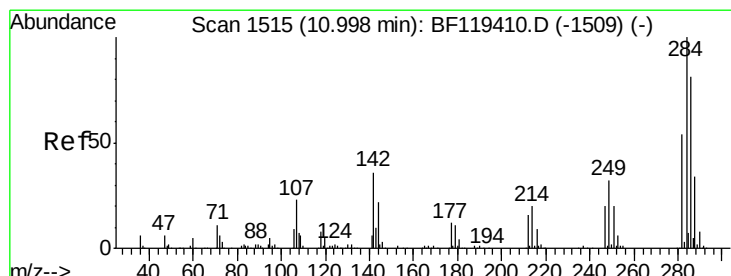
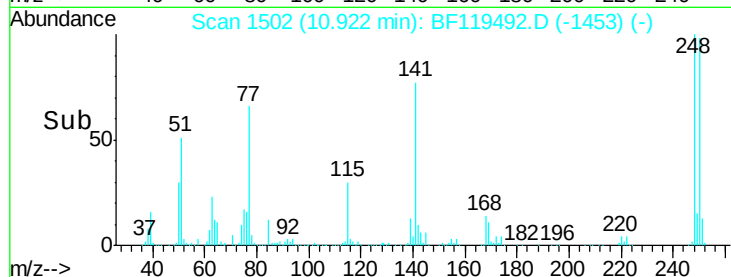
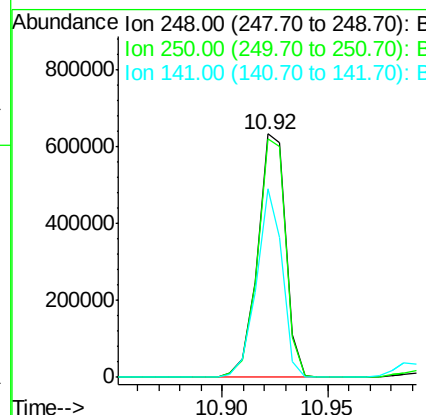
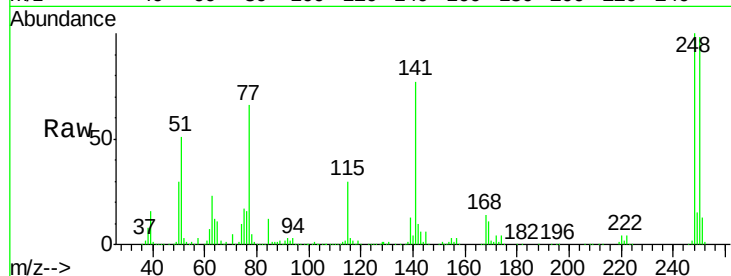
#67
 4-Bromophenyl-phenylether
 Concen: 45.979 ng
 RT: 10.92 min Scan# 1502
 Delta R.T. -0.01 min
 Lab File: BF119492.D
 Acq: 24 Mar 2020 17:43

Instrument :
 BNA_F
 ClientSampleId :
 5TH-STREET-SUBMSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.1	77.0	115.6
141	77.4	59.7	89.5

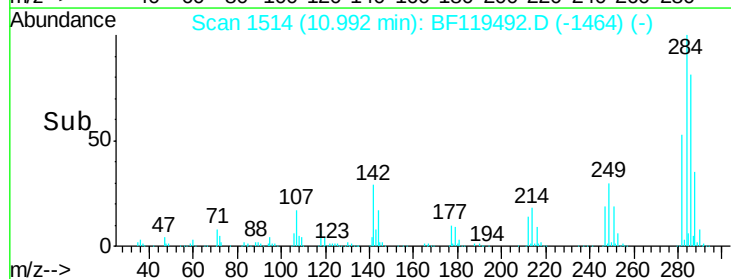
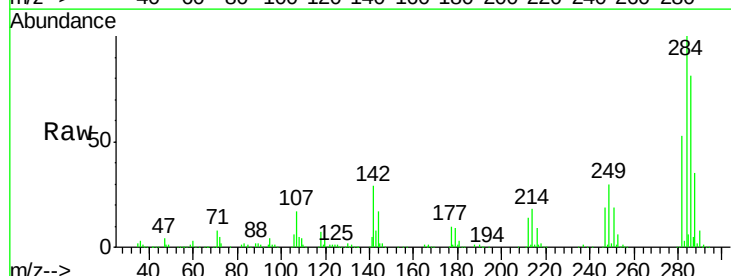
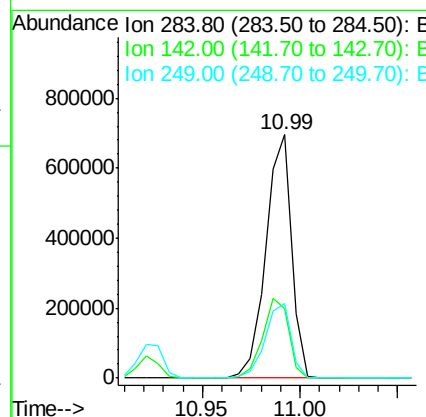
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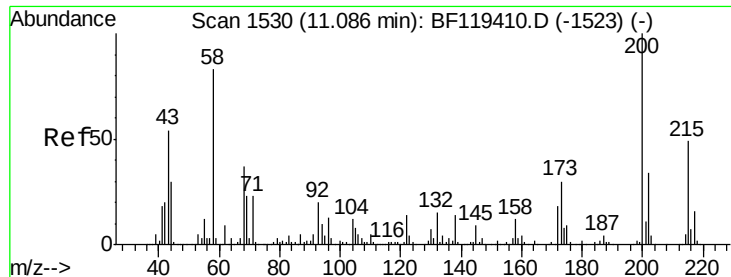
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#68
 Hexachlorobenzene
 Concen: 48.179 ng
 RT: 10.99 min Scan# 1514
 Delta R.T. -0.01 min
 Lab File: BF119492.D
 Acq: 24 Mar 2020 17:43

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.8	28.7	43.1
249	30.4	25.4	38.0





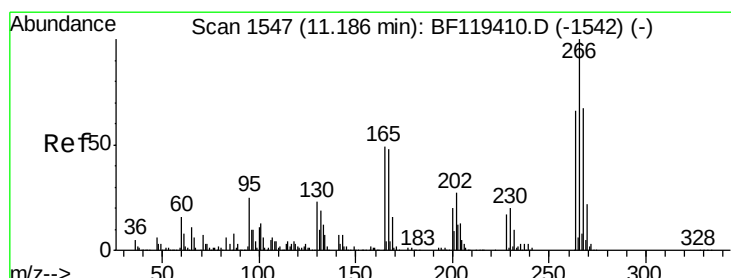
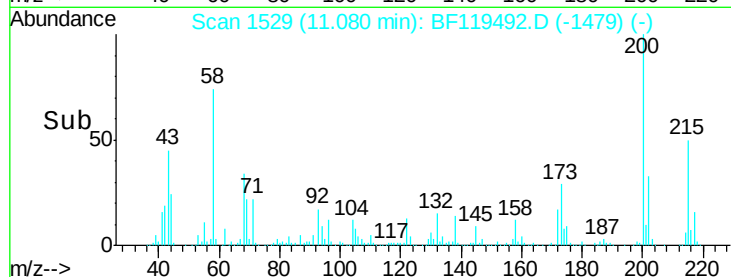
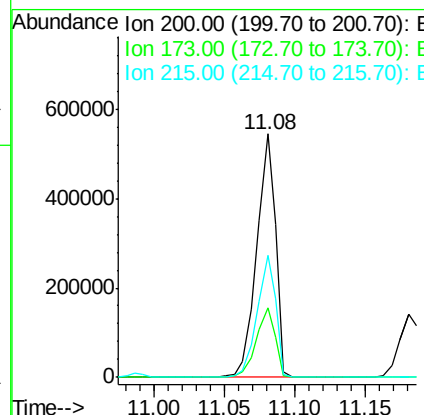
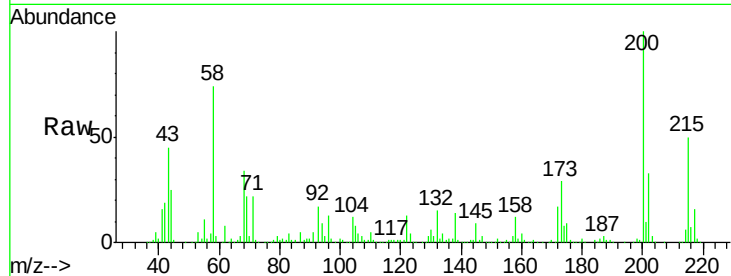
#69
Atrazine
Concen: 50.617 ng
RT: 11.08 min Scan# 1529
Delta R.T. -0.01 min
Lab File: BF119492.D
Acq: 24 Mar 2020 17:43

Instrument :
BNA_F
ClientSampleId :
5TH-STREET-SUBMSD

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	28.6	9.9	49.9
215	50.2	29.4	69.4

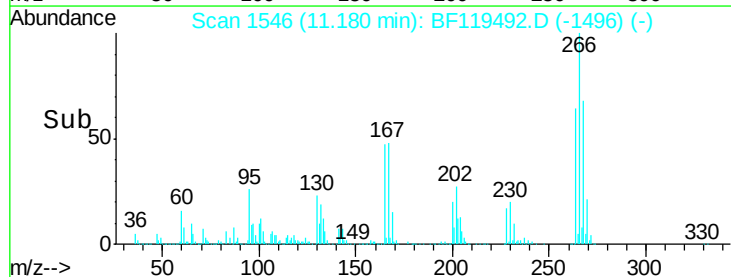
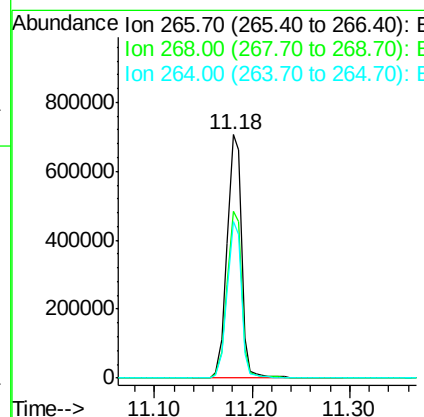
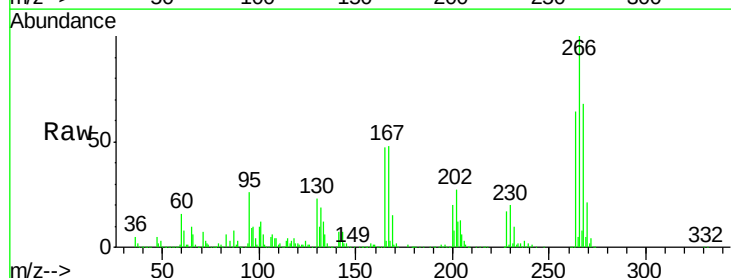
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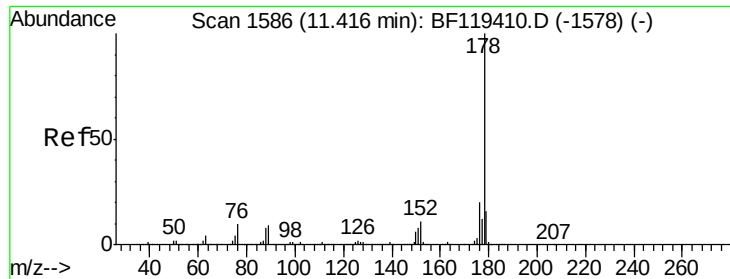
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#70
Pentachlorophenol
Concen: 95.904 ng
RT: 11.18 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BF119492.D
Acq: 24 Mar 2020 17:43

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	68.4	53.7	80.5
264	64.4	52.5	78.7





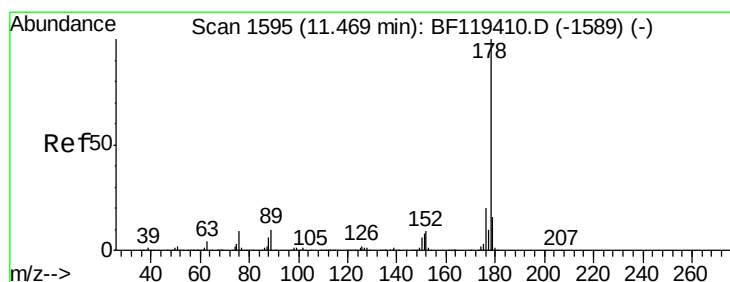
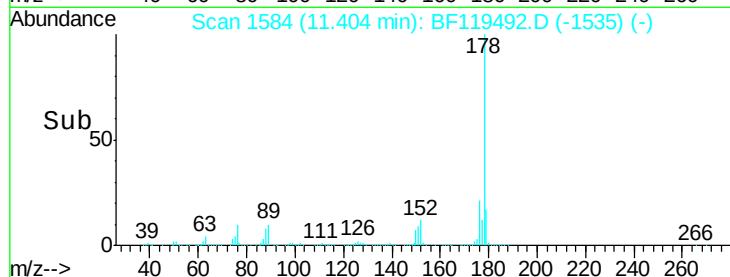
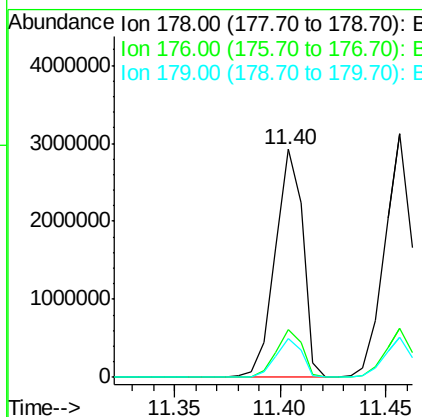
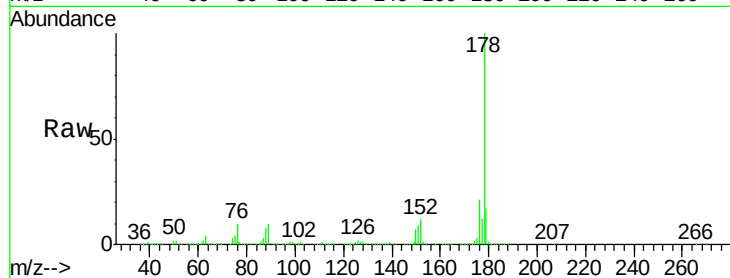
#71
Phenanthrene
Concen: 45.742 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF119492.D
Acq: 24 Mar 2020 17:43

Instrument :
BNA_F
ClientSampleId :
5TH-STREET-SUBMSD

Tot Ion:178 Resp: 2669842
Ion Ratio Lower Upper
178 100
176 20.8 16.2 24.4
179 16.8 12.9 19.3

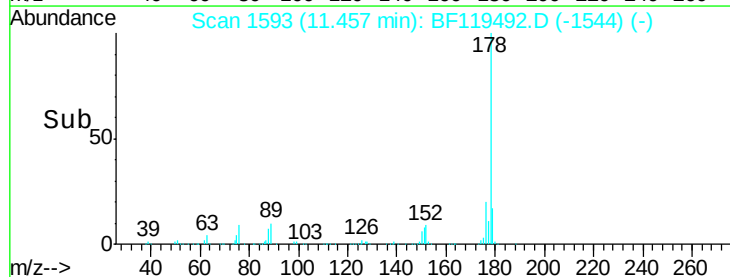
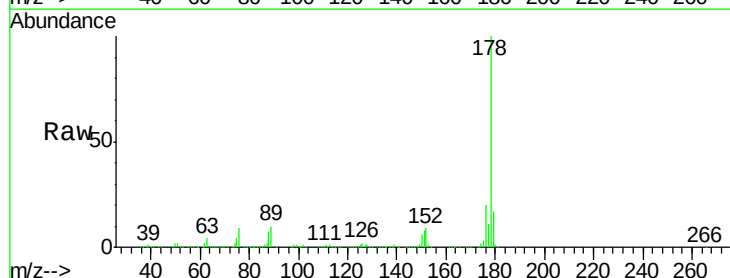
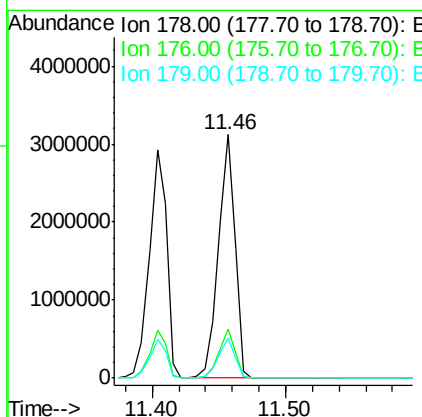
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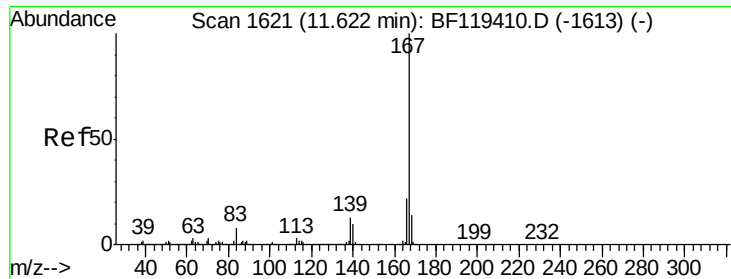
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#72
Anthracene
Concen: 46.557 ng
RT: 11.46 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BF119492.D
Acq: 24 Mar 2020 17:43

Tgt Ion:178 Resp: 2761833
Ion Ratio Lower Upper
178 100
176 20.0 15.6 23.4
179 16.6 13.1 19.7





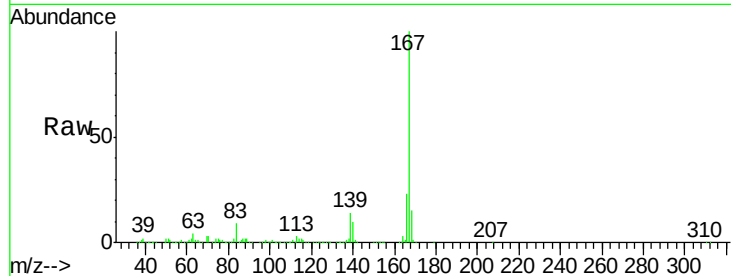
#73
 Carbazole
 Concen: 43.782 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. -0.01 min
 Lab File: BF119492.D
 Acq: 24 Mar 2020 17:43

Instrument :
 BNA_F
 ClientSampleId :
 5TH-STREET-SUBMSD

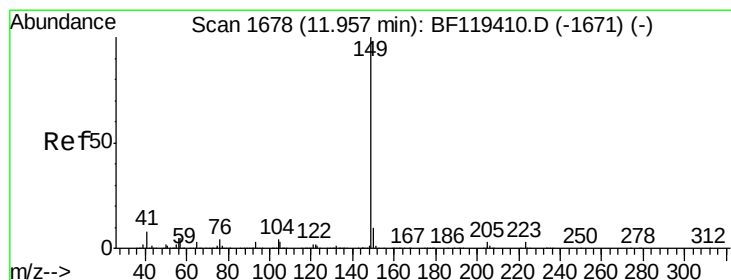
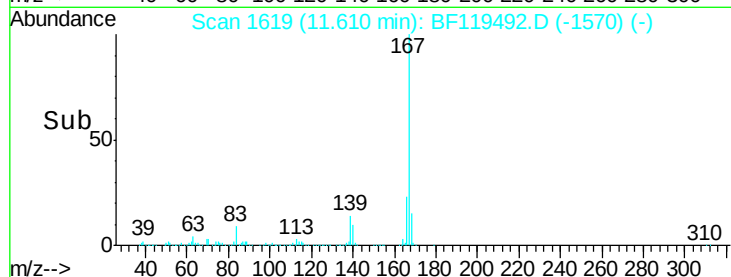
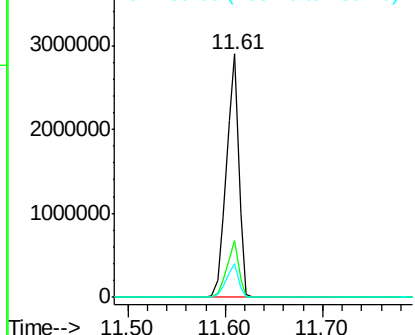
Tot Ion:167 Resp: 2570704
 Ion Ratio Lower Upper
 167 100
 166 23.1 17.8 26.6
 139 13.7 10.2 15.4

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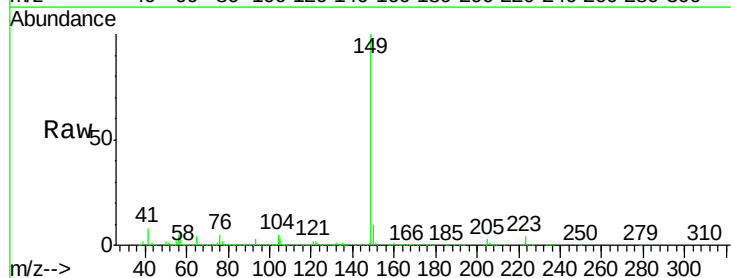


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

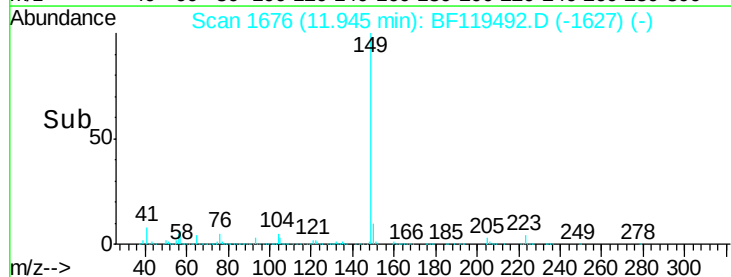
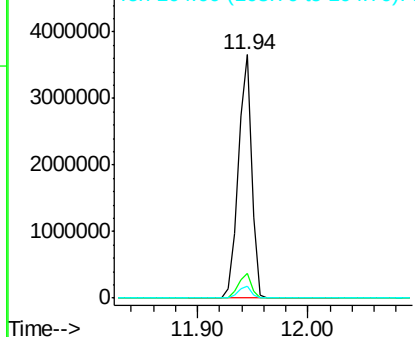


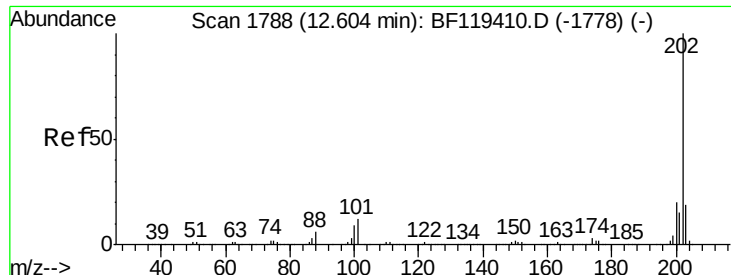
#74
 Di-n-butylphthalate
 Concen: 49.461 ng
 RT: 11.94 min Scan# 1676
 Delta R.T. -0.01 min
 Lab File: BF119492.D
 Acq: 24 Mar 2020 17:43

Tgt Ion:149 Resp: 3106689
 Ion Ratio Lower Upper
 149 100
 150 10.2 7.6 11.4
 104 4.9 3.5 5.3



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





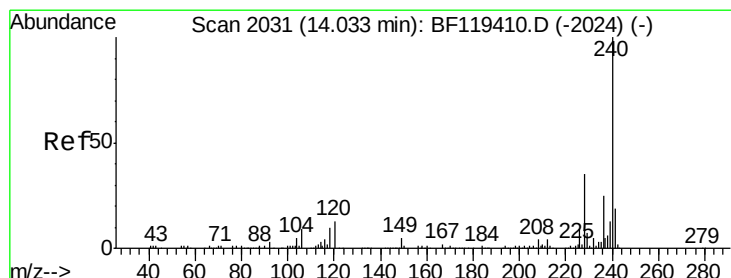
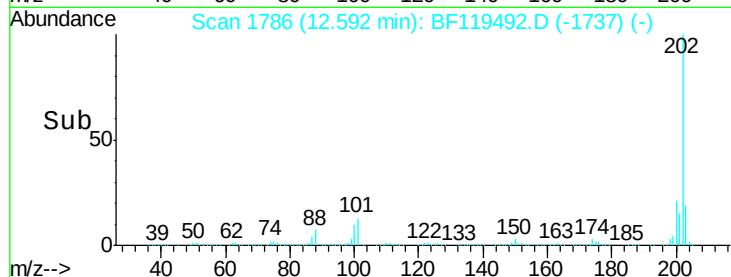
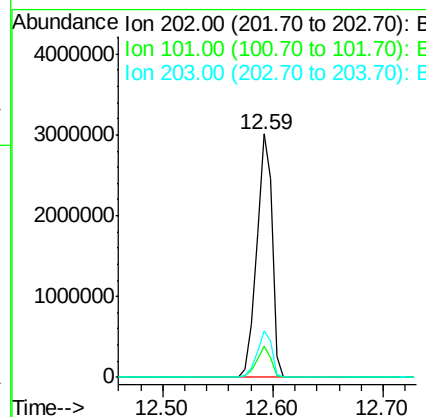
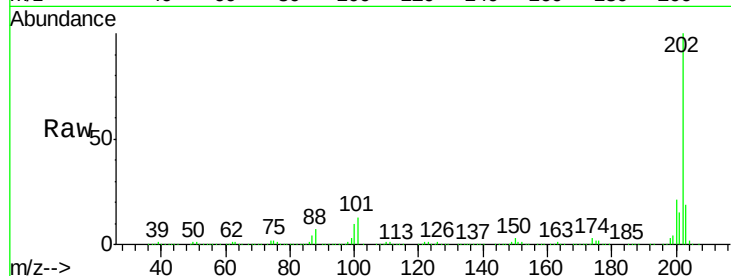
#75
Fluoranthene
Concen: 46.484 ng
RT: 12.59 min Scan# 1786
Delta R.T. -0.01 min
Lab File: BF119492.D
Acq: 24 Mar 2020 17:43

Instrument :
BNA_F
ClientSampleId :
5TH-STREET-SUBMSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	32.4
203	18.9	0.0	38.5

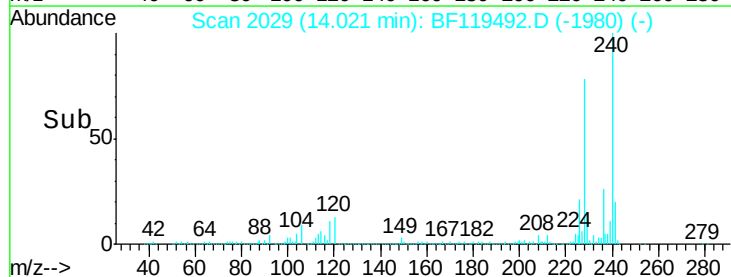
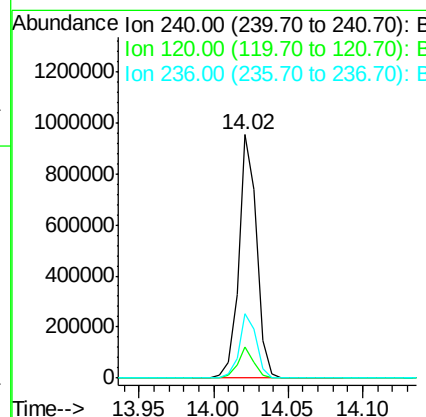
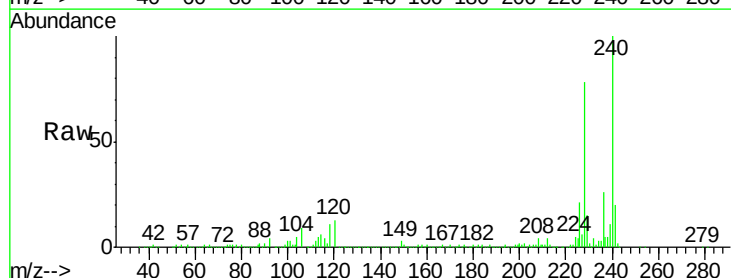
Manual Integrations
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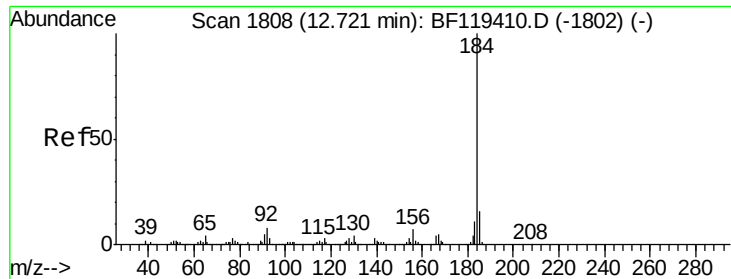
mohammad
3/25/2020 12:29:32 PM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF119492.D
Acq: 24 Mar 2020 17:43

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.7	10.2	15.4
236	26.2	20.4	30.6





#77

Benzidine

Concen: 42.196 ng

RT: 12.72 min Scan# 1807

Delta R.T. -0.01 min

Lab File: BF119492.D

Acq: 24 Mar 2020 17:43

Instrument :

BNA_F

ClientSampleId :

5TH-STREET-SUBMSD

Tot Ion:184 Resp: 1425116

Ion Ratio Lower Upper

184 100

185 14.9 12.9 19.3

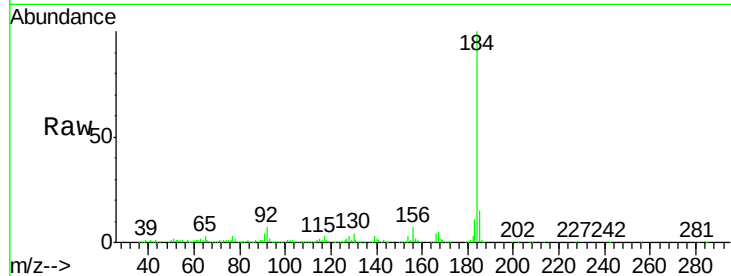
183 11.1 9.0 13.4

Manual Integrations

APPROVED

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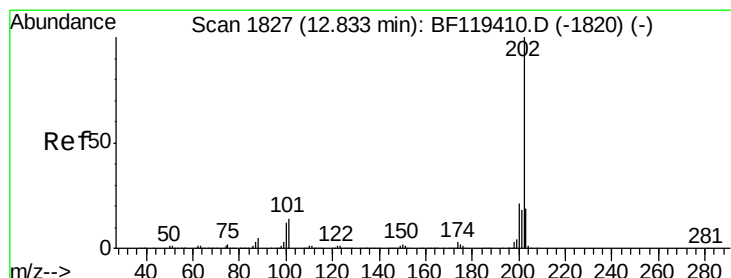
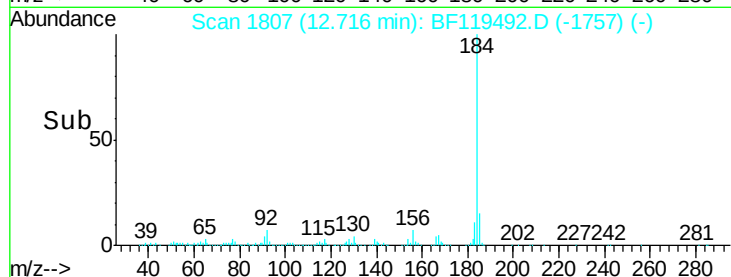
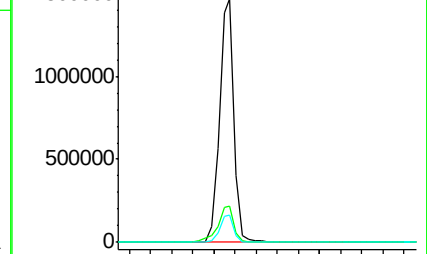
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Abundance Ion 184.00 (183.70 to 184.70): E

2000000 Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 45.851 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF119492.D

Acq: 24 Mar 2020 17:43

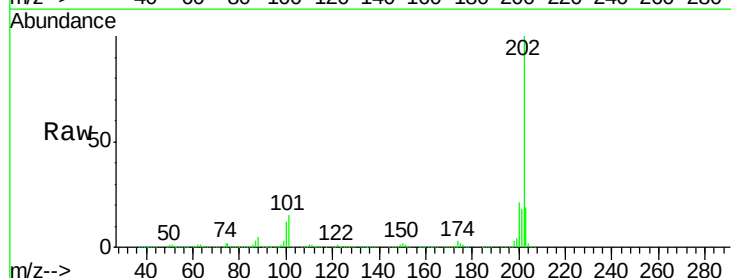
Tgt Ion:202 Resp: 3002991

Ion Ratio Lower Upper

202 100

200 21.3 16.8 25.2

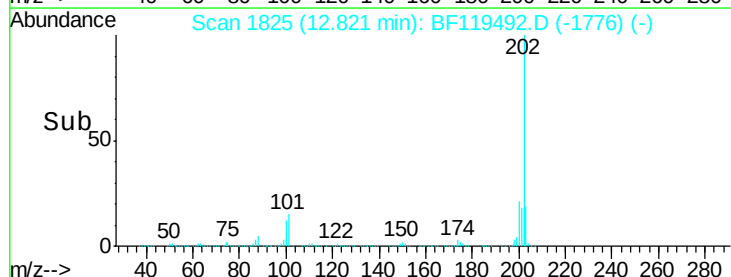
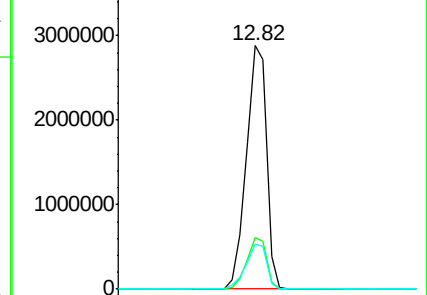
203 18.6 14.8 22.2

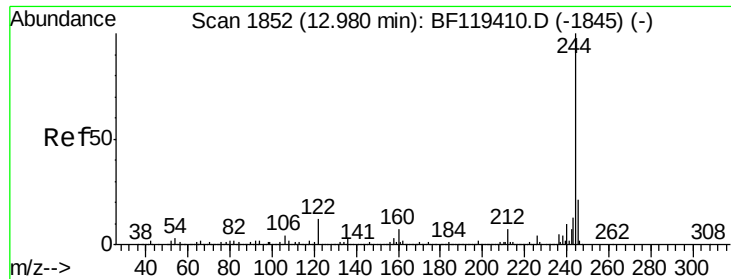


Abundance Ion 202.00 (201.70 to 202.70): E

4000000 Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





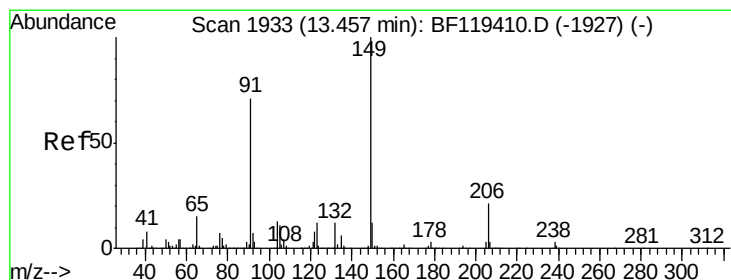
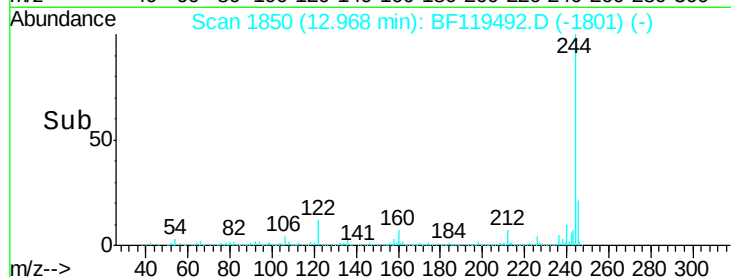
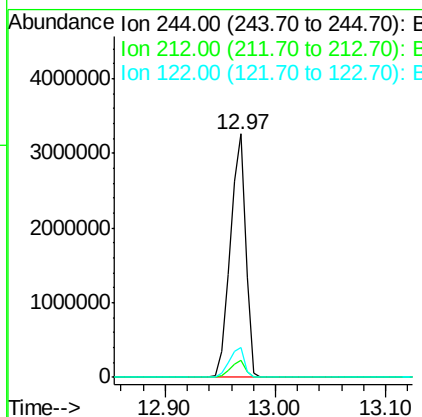
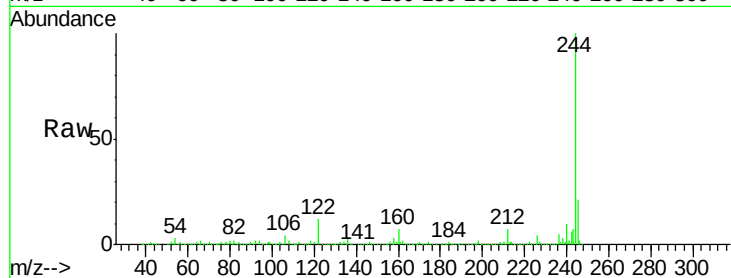
#79
 Terphenyl-d14
 Concen: 78.498 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. -0.01 min
 Lab File: BF119492.D
 Acq: 24 Mar 2020 17:43

Instrument :
 BNA_F
 ClientSampleId :
 5TH-STREET-SUBMSD

Tot Ion:244 Resp: 3197470
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 12.1 9.8 14.8

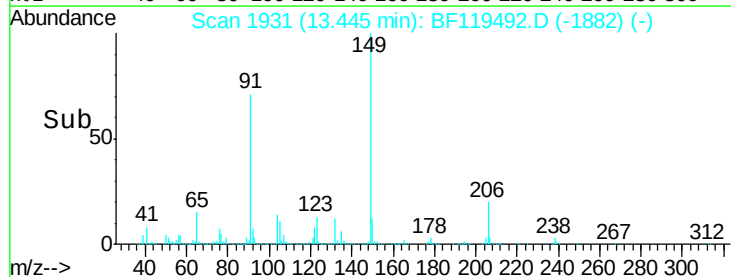
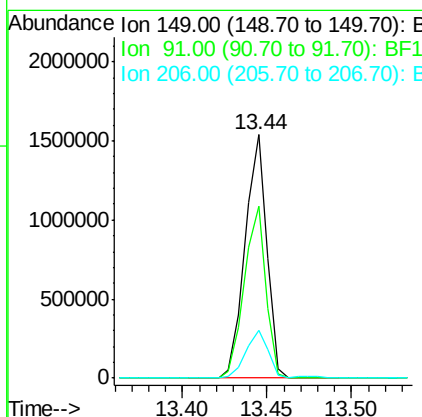
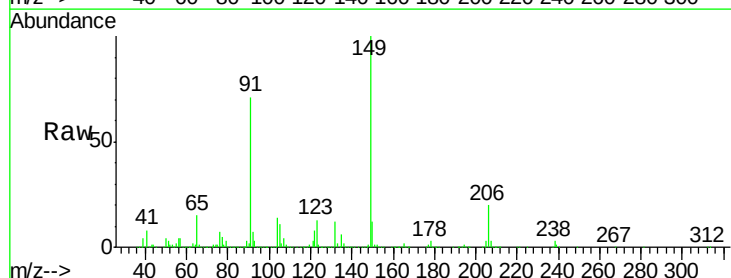
Manual Integrations
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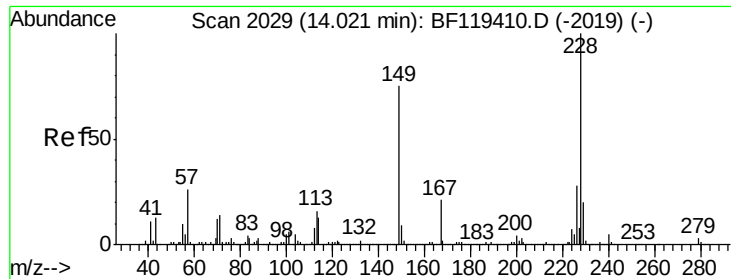
mohammad
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#80
 Butylbenzylphthalate
 Concen: 52.332 ng
 RT: 13.44 min Scan# 1931
 Delta R.T. -0.01 min
 Lab File: BF119492.D
 Acq: 24 Mar 2020 17:43

Tgt Ion:149 Resp: 1386259
 Ion Ratio Lower Upper
 149 100
 91 70.5 57.0 85.6
 206 19.8 16.4 24.6





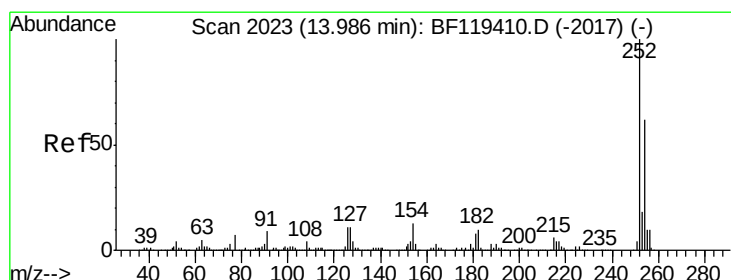
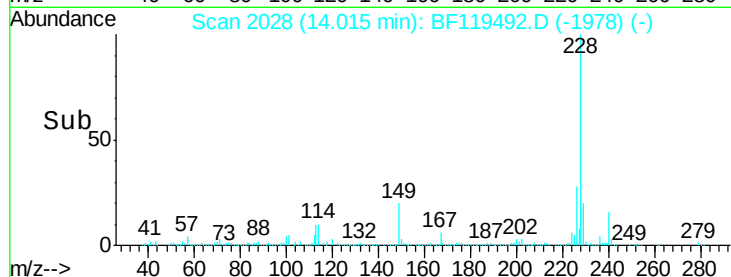
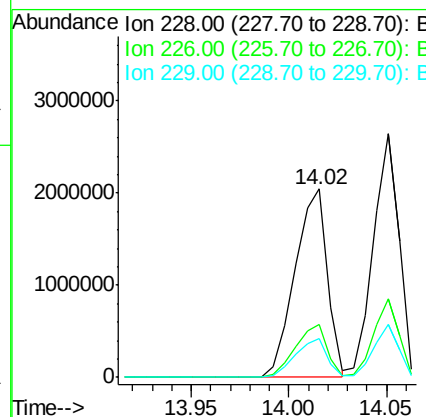
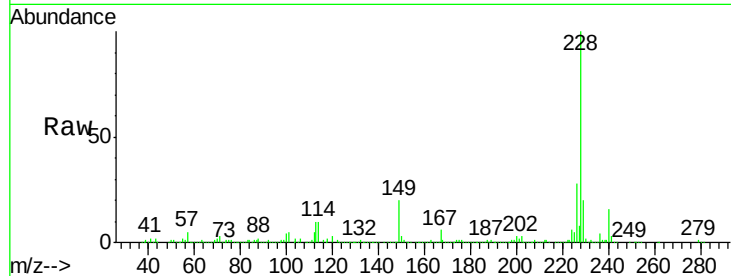
#81
Benzo(a)anthracene
Concen: 45.041 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF119492.D
Acq: 24 Mar 2020 17:43

Instrument :
BNA_F
ClientSampleId :
5TH-STREET-SUBMSD

Tot Ion:228 Resp: 2337431
Ion Ratio Lower Upper
228 100
226 28.2 22.3 33.5
229 20.5 16.3 24.5

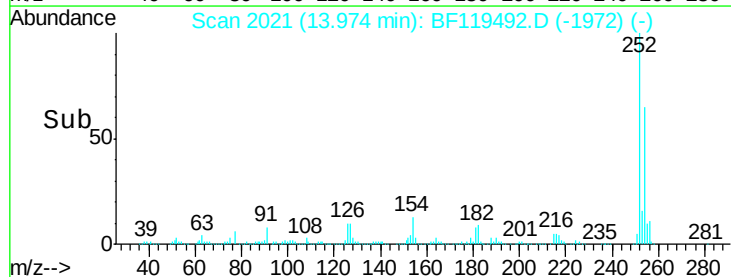
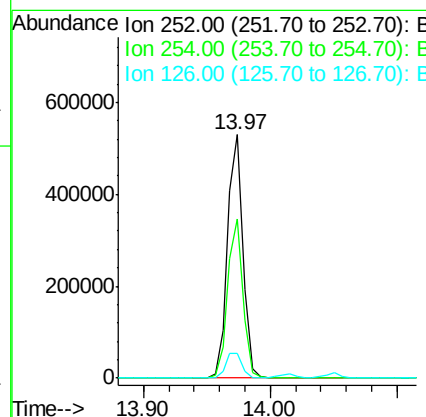
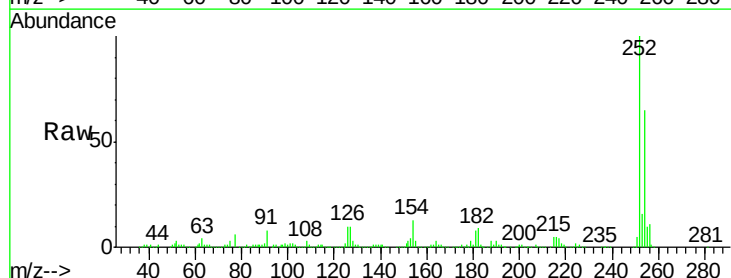
Manual Integrations
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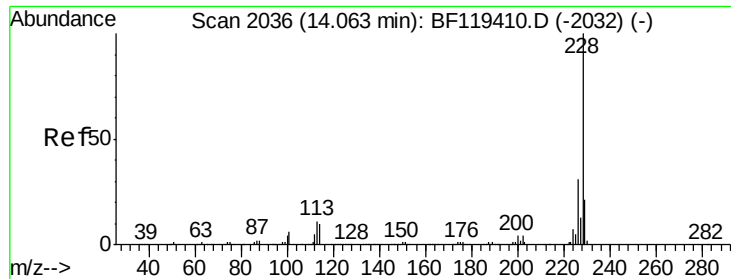
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 22.024 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF119492.D
Acq: 24 Mar 2020 17:43

Tgt Ion:252 Resp: 450646
Ion Ratio Lower Upper
252 100
254 65.4 49.8 74.8
126 9.9 8.9 13.3





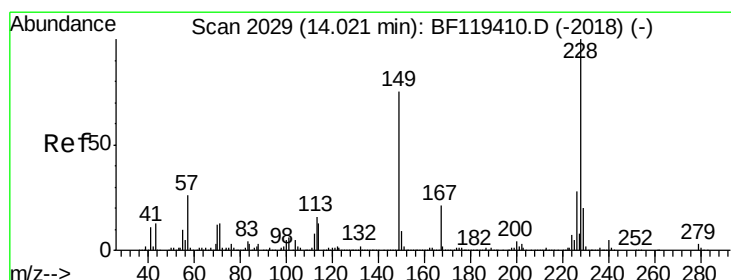
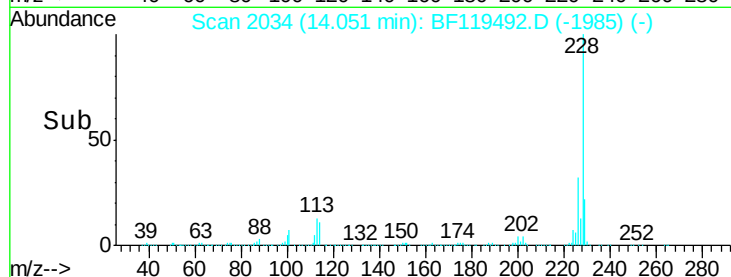
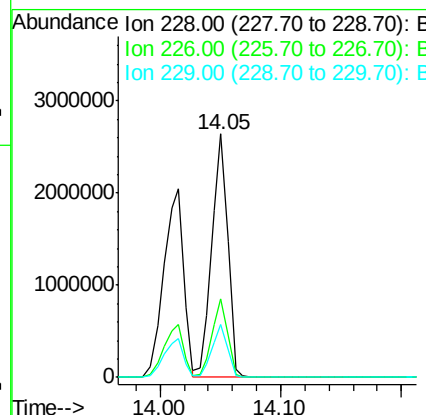
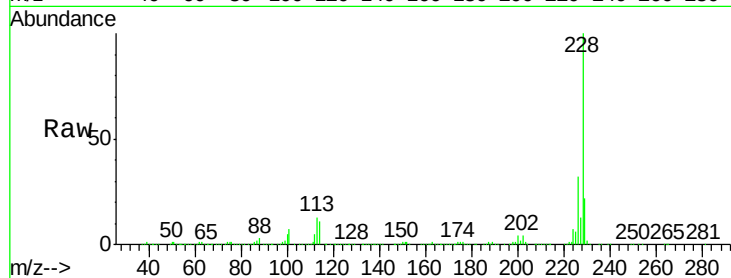
#83
Chrysene
Concen: 45.045 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF119492.D
Acq: 24 Mar 2020 17:43

Instrument :
BNA_F
ClientSampleId :
5TH-STREET-SUBMSD

Tot Ion:228 Resp: 2412561
Ion Ratio Lower Upper
228 100
226 32.2 24.8 37.2
229 21.5 16.6 25.0

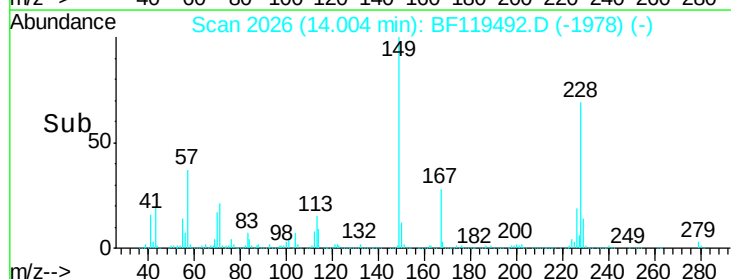
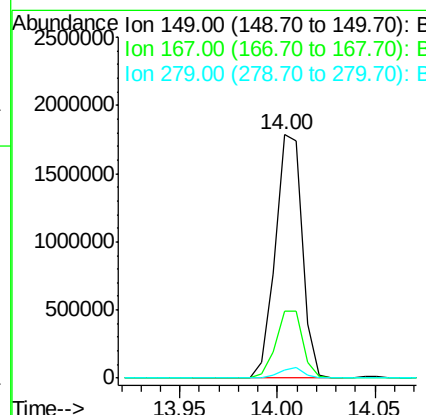
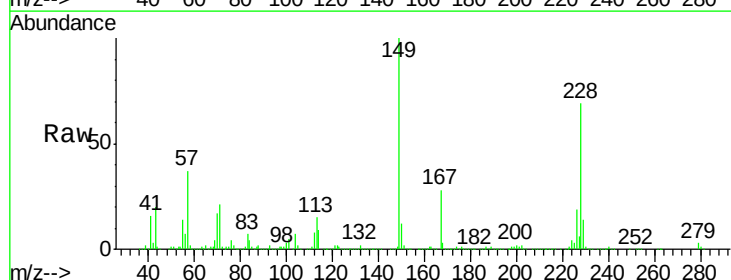
Manual Integrations
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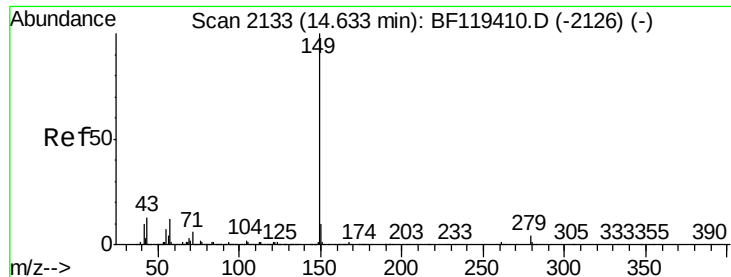
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 54.173 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BF119492.D
Acq: 24 Mar 2020 17:43

Tgt Ion:149 Resp: 1710676
Ion Ratio Lower Upper
149 100
167 27.5 22.0 33.0
279 3.3 3.2 4.8





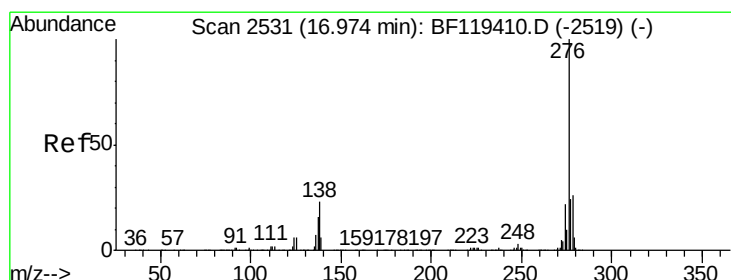
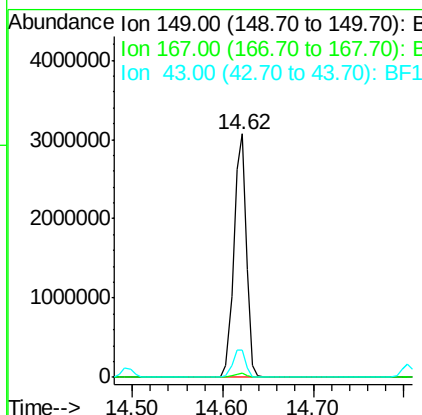
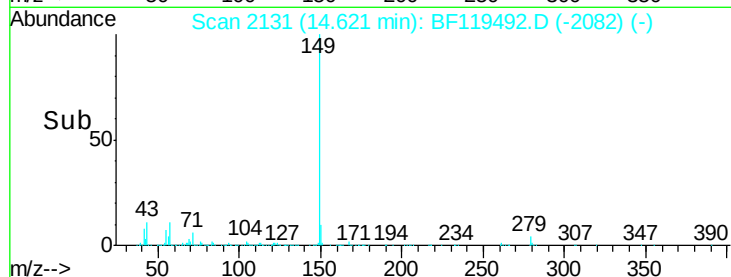
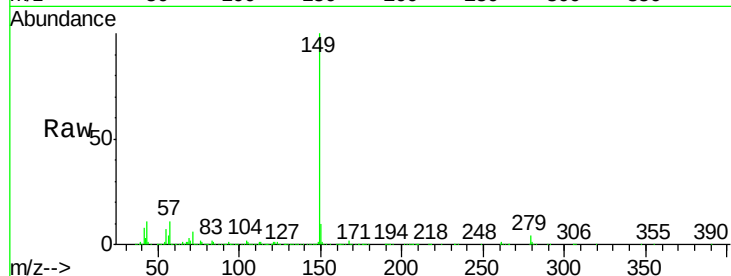
#85
Di-n-octyl phthalate
Concen: 53.605 ng
RT: 14.62 min Scan# 2131
Delta R.T. -0.01 min
Lab File: BF119492.D
Acq: 24 Mar 2020 17:43

Instrument :
BNA_F
ClientSampleId :
5TH-STREET-SUBMSD

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

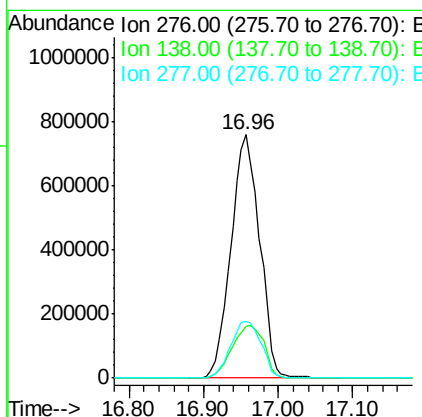
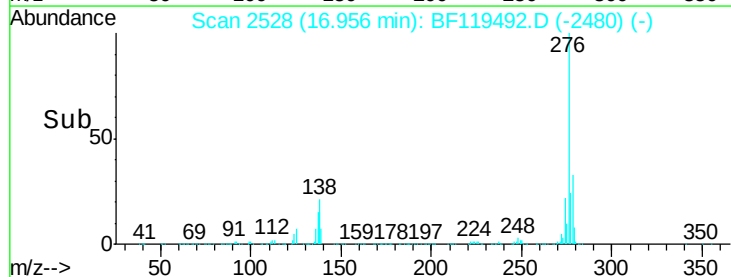
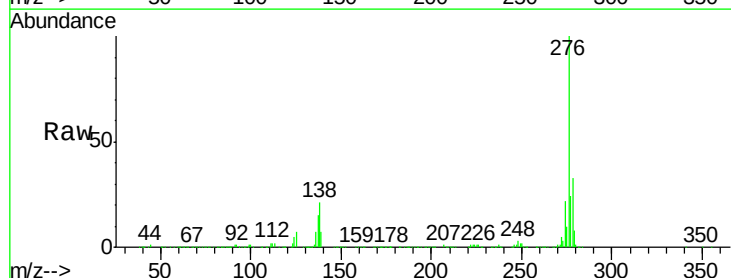
Manual Integrations
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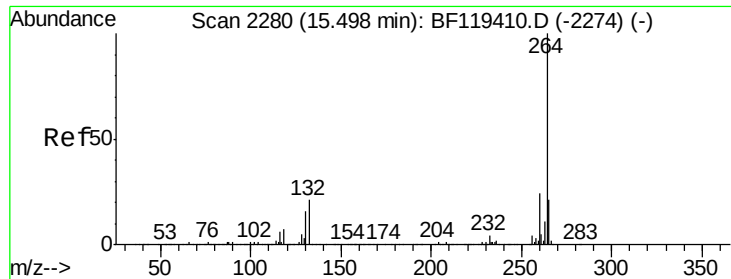
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 40.252 ng
RT: 16.96 min Scan# 2528
Delta R.T. -0.02 min
Lab File: BF119492.D
Acq: 24 Mar 2020 17:43

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.2	21.3	31.9
277	25.1	20.2	30.2





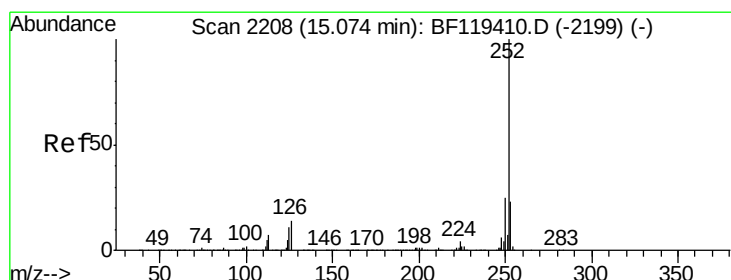
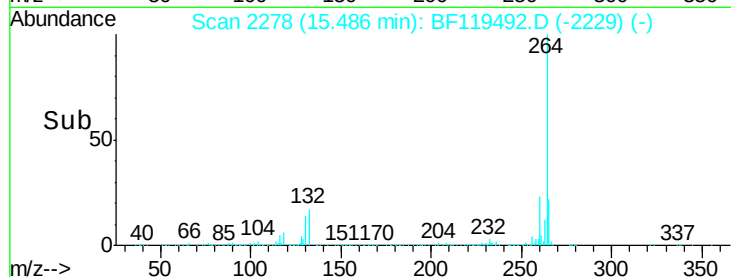
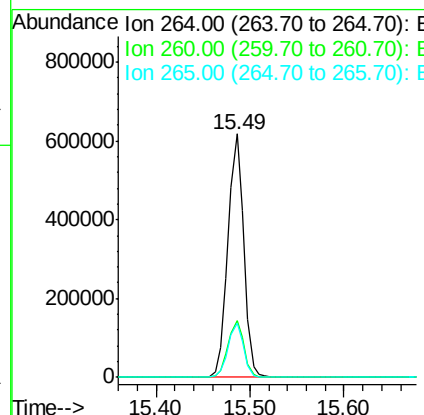
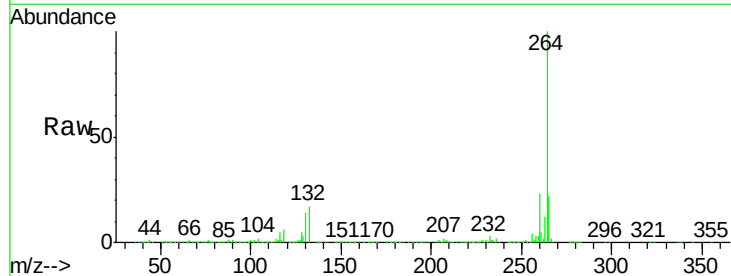
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF119492.D
Acq: 24 Mar 2020 17:43

Instrument :
BNA_F
ClientSampleId :
5TH-STREET-SUBMSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	22.3	16.9	25.3

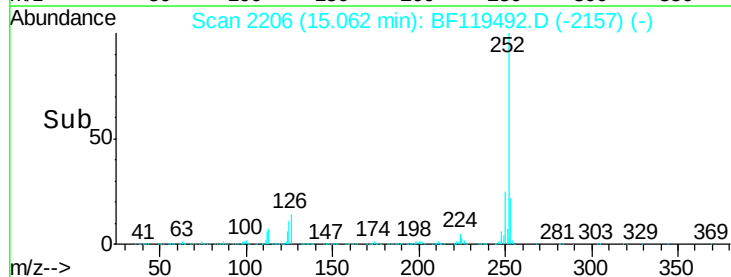
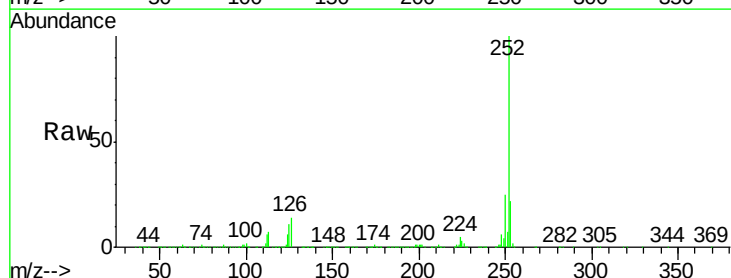
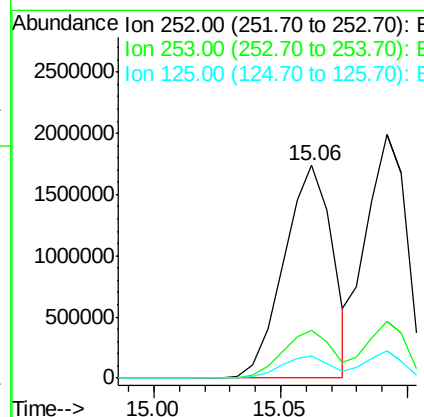
Manual Integrations
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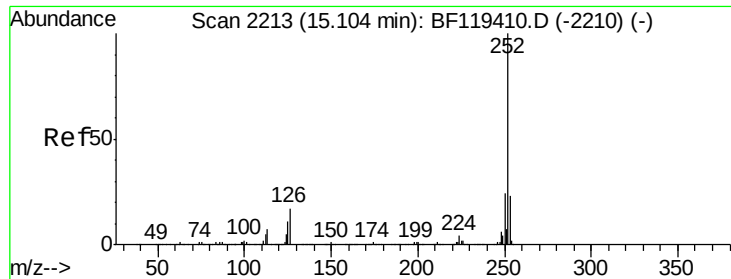
mohammad
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#88
Benzo(b)fluoranthene
Concen: 47.769 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF119492.D
Acq: 24 Mar 2020 17:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.4
125	10.7	8.8	13.2





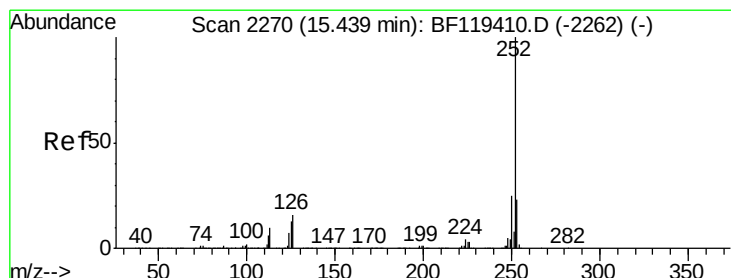
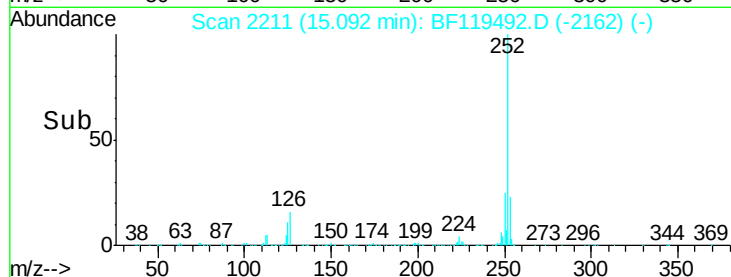
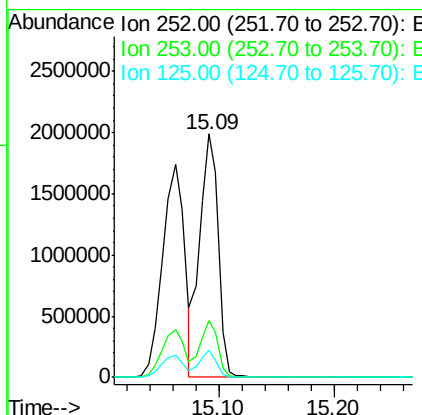
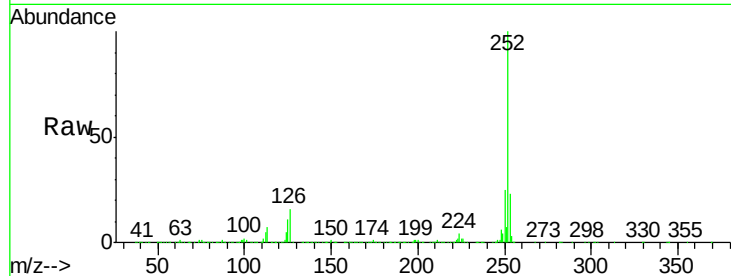
#89
Benzo(k)fluoranthene
Concen: 48.287 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.01 min
Lab File: BF119492.D
Acq: 24 Mar 2020 17:43

Instrument :
BNA_F
ClientSampleId :
5TH-STREET-SUBMSD

Tot Ion:252 Resp: 2231013
Ion Ratio Lower Upper
252 100
253 23.3 18.2 27.4
125 11.1 9.0 13.4

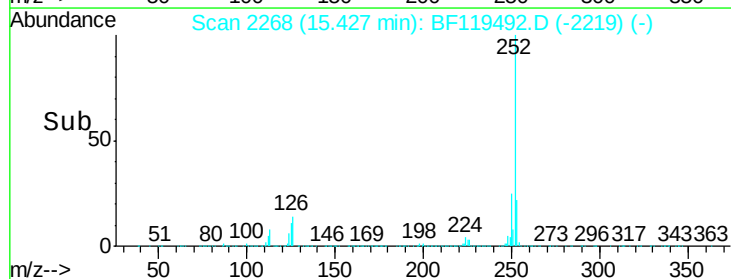
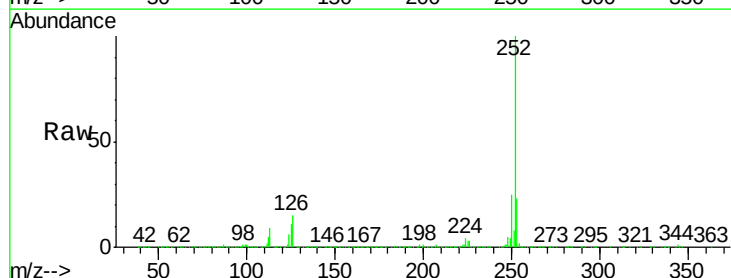
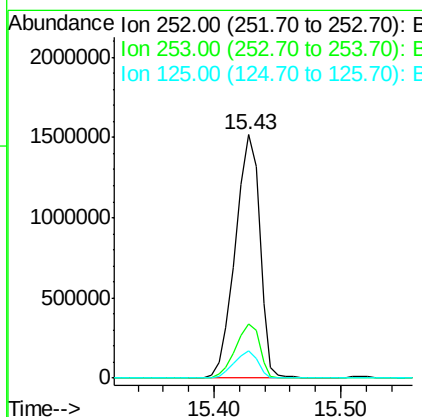
Manual Integrations
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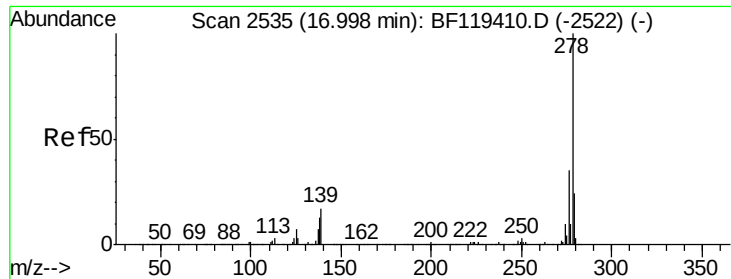
mohammad
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#90
Benzo(a)pyrene
Concen: 46.148 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF119492.D
Acq: 24 Mar 2020 17:43

Tgt Ion:252 Resp: 2034979
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.4
125 11.4 10.2 15.2





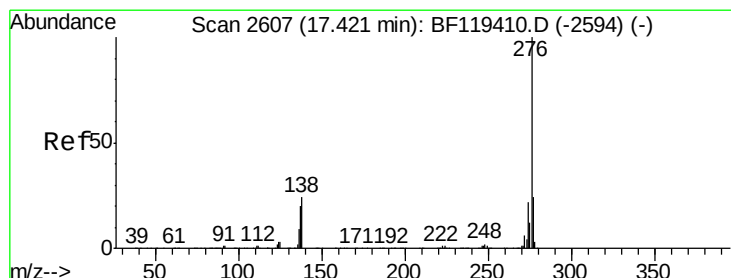
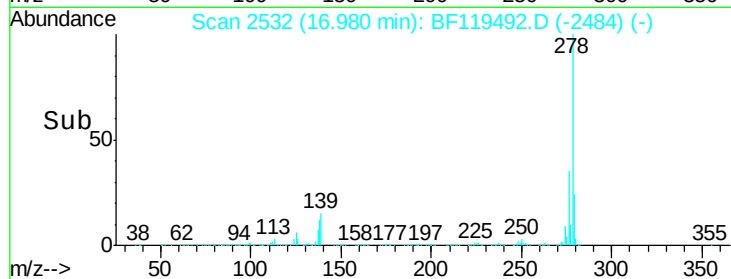
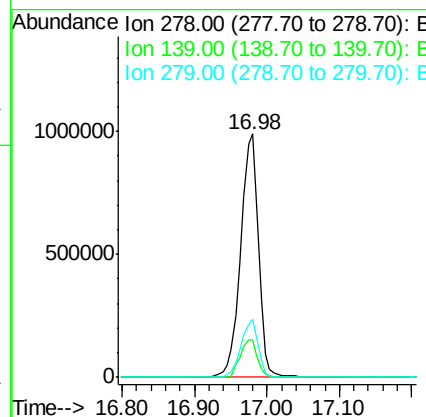
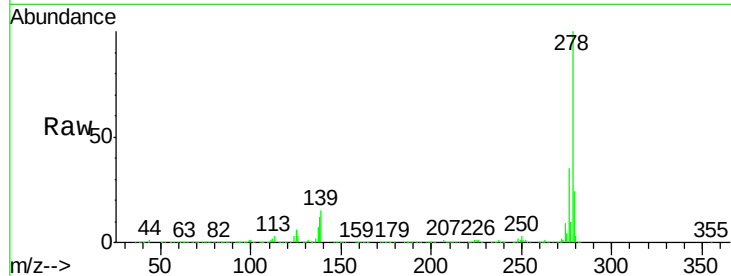
#91
Dibenzo(a,h)anthracene
Concen: 44.223 ng
RT: 16.98 min Scan# 2532
Delta R.T. -0.02 min
Lab File: BF119492.D
Acq: 24 Mar 2020 17:43

Instrument :
BNA_F
ClientSampleId :
5TH-STREET-SUBMSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.3	13.7	20.5
279	23.6	19.2	28.8

Manual Integrations
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3/25/2020 12:29:32 PM



#92
Benzo(g,h,i)perylene
Concen: 42.205 ng
RT: 17.40 min Scan# 2604
Delta R.T. -0.02 min
Lab File: BF119492.D
Acq: 24 Mar 2020 17:43

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.8	28.2
138	20.5	19.1	28.7

