

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041923\
 Data File : BF132918.D
 Acq On : 19 Apr 2023 18:34
 Operator : CG\JU
 Sample : 02270-26MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-16-14-16-20230413MS

Quant Time: Apr 20 01:48:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 18 04:51:21 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	239409	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	993494	20.000	ng	0.00
39) Acenaphthene-d10	9.804	164	547314	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	1016951	20.000	ng	0.00
76) Chrysene-d12	13.921	240	642320	20.000	ng	0.00
86) Perylene-d12	15.345	264	586284	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	1724285	112.620	ng	0.00
7) Phenol-d6	6.398	99	2262437	115.802	ng	0.00
23) Nitrobenzene-d5	7.328	82	1396458	73.267	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	681326	124.112	ng	0.00
45) 2-Fluorobiphenyl	9.128	172	2439571	68.475	ng	0.00
79) Terphenyl-d14	12.874	244	3107306	82.534	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.493	88	342167	45.800	ng	99
3) Pyridine	3.199	79	859349	42.058	ng	98
4) n-Nitrosodimethylamine	3.152	42	483407	49.792	ng	97
6) Aniline	6.422	93	899615	34.722	ng	98
8) 2-Chlorophenol	6.545	128	835394	53.783	ng	99
9) Benzaldehyde	6.310	77	535106	46.291	ng	98
10) Phenol	6.410	94	1110900	50.571	ng	99
11) bis(2-Chloroethyl)ether	6.498	93	819427	49.392	ng	99
12) 1,3-Dichlorobenzene	6.704	146	865037	50.668	ng	99
13) 1,4-Dichlorobenzene	6.781	146	871175	50.925	ng	98
14) 1,2-Dichlorobenzene	6.934	146	834738	52.261	ng	99
15) Benzyl Alcohol	6.910	79	737914	55.112	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.045	45	1500972	52.287	ng	99
17) 2-Methylphenol	7.022	107	701199	49.288	ng	99
18) Hexachloroethane	7.281	117	303485	51.118	ng	94
19) n-Nitroso-di-n-propyla...	7.187	70	615710	50.489	ng	100
20) 3+4-Methylphenols	7.175	107	851198	50.621	ng	88
22) Acetophenone	7.175	105	1106194	47.463	ng	95
24) Nitrobenzene	7.351	77	921690	47.179	ng	95
25) Isophorone	7.587	82	1739541	48.116	ng	99
26) 2-Nitrophenol	7.663	139	447798	60.761	ng	95
27) 2,4-Dimethylphenol	7.704	122	779365	51.842	ng	99
28) bis(2-Chloroethoxy)met...	7.804	93	1026399	47.484	ng	100
29) 2,4-Dichlorophenol	7.904	162	706866	50.516	ng	96
30) 1,2,4-Trichlorobenzene	7.992	180	720441	47.683	ng	100
31) Naphthalene	8.075	128	2336694	46.543	ng	99
32) Benzoic acid	7.828	122	496238	65.824	ng	98
33) 4-Chloroaniline	8.116	127	211152	10.269	ng	98
34) Hexachlorobutadiene	8.192	225	396586	45.882	ng	100
35) Caprolactam	8.492	113	157935	37.901	ng	93
36) 4-Chloro-3-methylphenol	8.598	107	782840	53.301	ng	98
37) 2-Methylnaphthalene	8.763	142	1572829	45.515	ng	100
38) 1-Methylnaphthalene	8.863	142	1487333	46.193	ng	100
40) 1,2,4,5-Tetrachloroben...	8.933	216	671986	43.408	ng	98
41) Hexachlorocyclopentadiene	8.922	237	871134	106.763	ng	98
43) 2,4,6-Trichlorophenol	9.039	196	494381	50.379	ng	99

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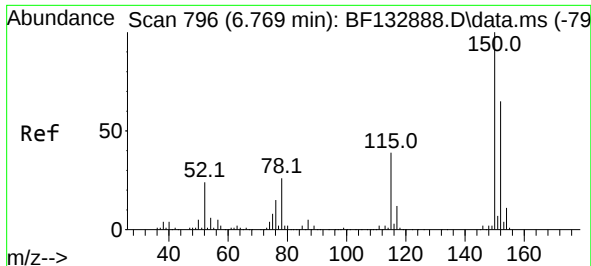
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	532769	46.429	ng	99
46) 1,1'-Biphenyl	9.228	154	1960189	45.178	ng	99
47) 2-Chloronaphthalene	9.251	162	1487526	46.330	ng	98
48) 2-Nitroaniline	9.345	65	509334	54.835	ng	96
49) Acenaphthylene	9.669	152	2322634	45.355	ng	99
50) Dimethylphthalate	9.533	163	1817760	48.039	ng	100
51) 2,6-Dinitrotoluene	9.586	165	426798	51.445	ng	92
52) Acenaphthene	9.839	154	1698043	51.456	ng	99
53) 3-Nitroaniline	9.751	138	285854	30.279	ng	97
54) 2,4-Dinitrophenol	9.863	184	454631	140.675	ng	# 86
55) Dibenzofuran	10.010	168	2159325	46.120	ng	100
56) 4-Nitrophenol	9.916	139	764519	109.017	ng	93
57) 2,4-Dinitrotoluene	9.992	165	573009	55.963	ng	96
58) Fluorene	10.351	166	1600633	46.670	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.128	232	462244	51.904	ng	100
60) Diethylphthalate	10.233	149	1768144	50.006	ng	99
61) 4-Chlorophenyl-phenyle...	10.345	204	796124	45.637	ng	93
62) 4-Nitroaniline	10.375	138	477358	52.607	ng	98
63) Azobenzene	10.504	77	1958622	49.589	ng	98
65) 4,6-Dinitro-2-methylph...	10.398	198	303682	62.354	ng	96
66) n-Nitrosodiphenylamine	10.463	169	1503511	45.395	ng	99
67) 4-Bromophenyl-phenylether	10.833	248	540789	46.569	ng	96
68) Hexachlorobenzene	10.904	284	589616	48.940	ng	97
69) Atrazine	10.992	200	536662	57.971	ng	99
70) Pentachlorophenol	11.092	266	727009	93.514	ng	99
71) Phenanthrene	11.310	178	2501933	45.738	ng	99
72) Anthracene	11.363	178	2538810	45.339	ng	99
73) Carbazole	11.516	167	2284627	47.153	ng	99
74) Di-n-butylphthalate	11.857	149	2821915	54.330	ng	99
75) Fluoranthene	12.498	202	2541389	46.719	ng	99
77) Benzidine	12.621	184	948810	94.826	ng	95
78) Pyrene	12.727	202	2609317	49.681	ng	99
80) Butylbenzylphthalate	13.351	149	927780	70.505	ng	91
81) Benzo(a)anthracene	13.910	228	2112462	48.359	ng	99
82) 3,3'-Dichlorobenzidine	13.874	252	635360	60.129	ng	99
83) Chrysene	13.951	228	2044460	47.088	ng	100
84) Bis(2-ethylhexyl)phtha...	13.916	149	1324531	79.725	ng	99
85) Di-n-octyl phthalate	14.527	149	2475873	65.829	ng	95
87) Indeno(1,2,3-cd)pyrene	16.745	276	1964922	58.653	ng	100
88) Benzo(b)fluoranthene	14.939	252	1963178	53.756	ng	99
89) Benzo(k)fluoranthene	14.968	252	1691089	46.485	ng	100
90) Benzo(a)pyrene	15.292	252	1549090	46.430	ng	99
91) Dibenzo(a,h)anthracene	16.768	278	1648387	57.748	ng	98
92) Benzo(g,h,i)perylene	17.168	276	1605849	58.757	ng	98

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

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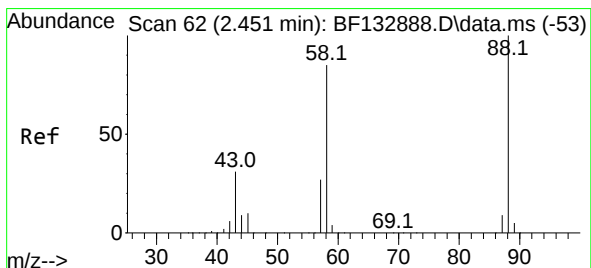
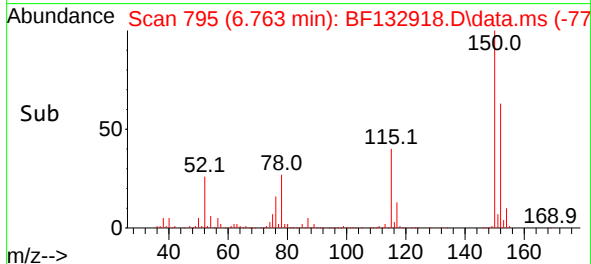
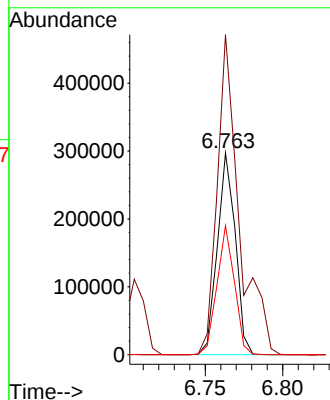
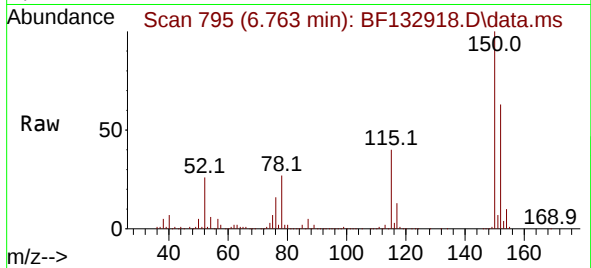




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF132918.D
Acq: 19 Apr 2023 18:34

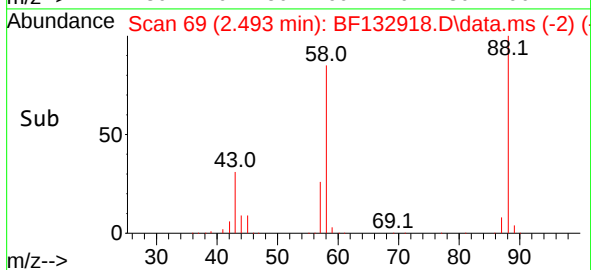
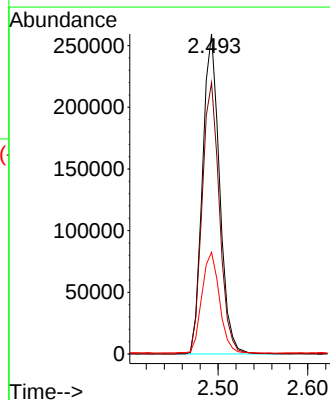
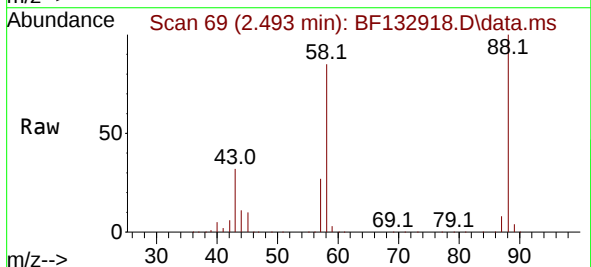
Instrument :
BNA_F
ClientSampleId :
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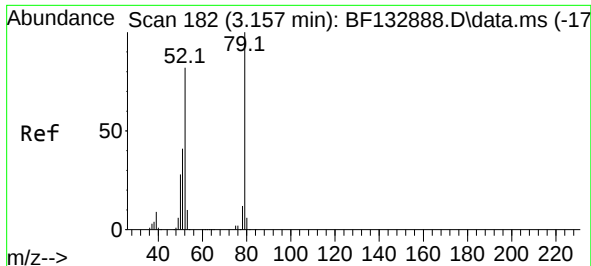
Tgt Ion:152 Resp: 239409
Ion Ratio Lower Upper
152 100
150 158.6 122.8 184.2
115 63.9 47.3 70.9



#2
1,4-Dioxane
Concen: 45.800 ng
RT: 2.493 min Scan# 69
Delta R.T. 0.041 min
Lab File: BF132918.D
Acq: 19 Apr 2023 18:34

Tgt Ion: 88 Resp: 342167
Ion Ratio Lower Upper
88 100
58 85.9 67.8 101.6
43 32.6 25.4 38.0





#3

Pyridine

Concen: 42.058 ng

RT: 3.199 min Scan# 1

Delta R.T. 0.041 min

Lab File: BF132918.D

Acq: 19 Apr 2023 18:34

Instrument :

BNA_F

ClientSampleId :

SB-16-14-16-20230413MS

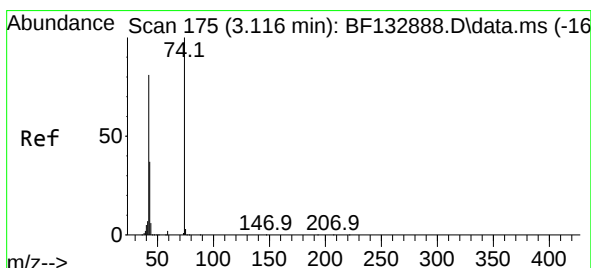
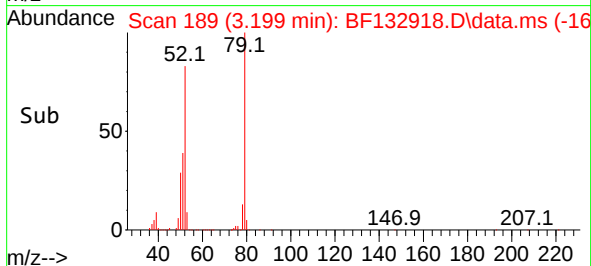
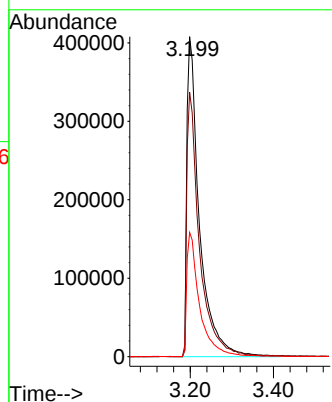
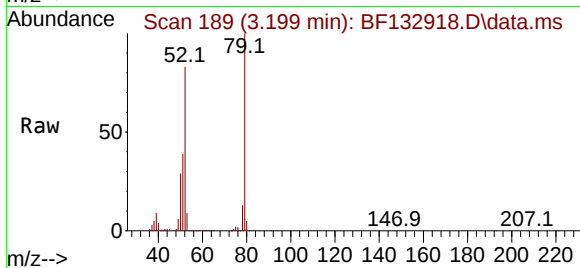
Tgt Ion: 79 Resp: 859349

Ion Ratio Lower Upper

79 100

52 82.7 65.4 98.0

51 38.8 32.6 48.8



#4

n-Nitrosodimethylamine

Concen: 49.792 ng

RT: 3.152 min Scan# 181

Delta R.T. 0.035 min

Lab File: BF132918.D

Acq: 19 Apr 2023 18:34

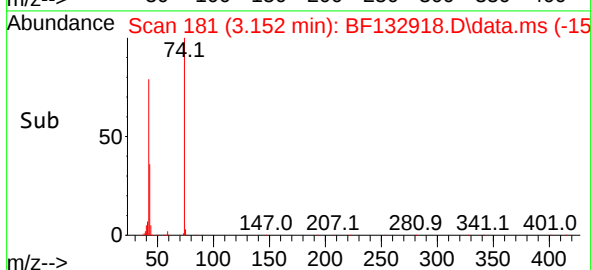
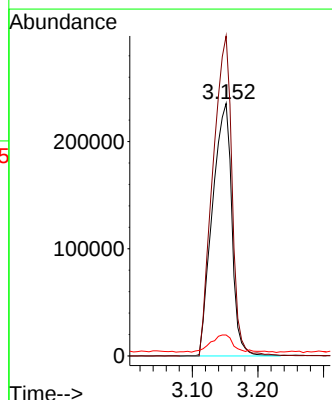
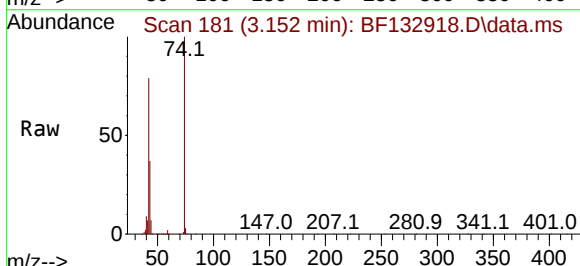
Tgt Ion: 42 Resp: 483407

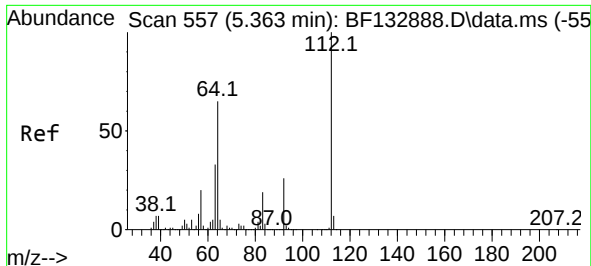
Ion Ratio Lower Upper

42 100

74 126.7 98.4 147.6

44 8.3 6.1 9.1

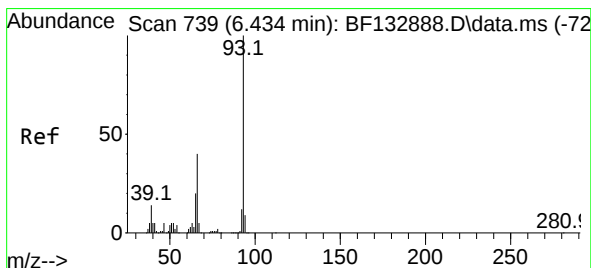
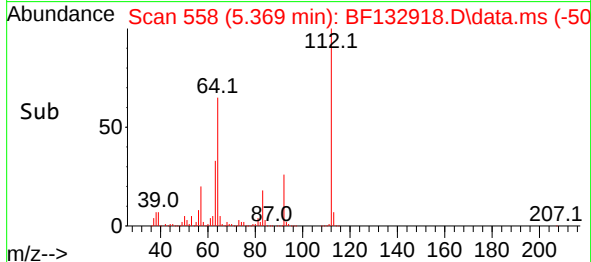
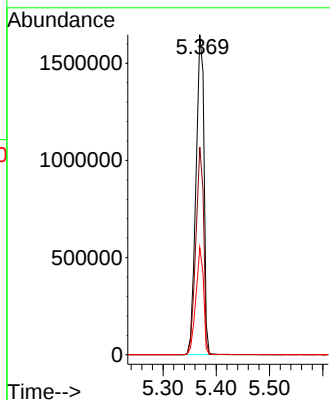
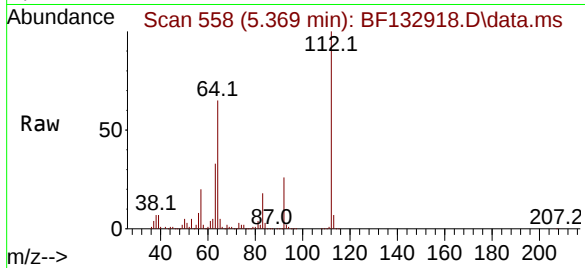




#5
2-Fluorophenol
Concen: 112.620 ng
RT: 5.369 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF132918.D
Acq: 19 Apr 2023 18:34

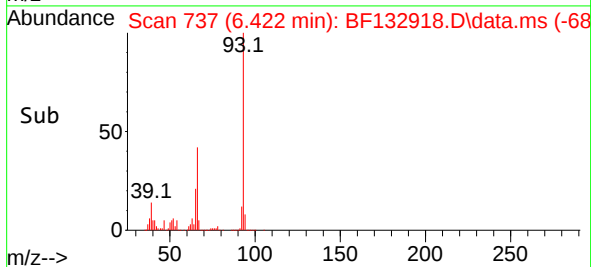
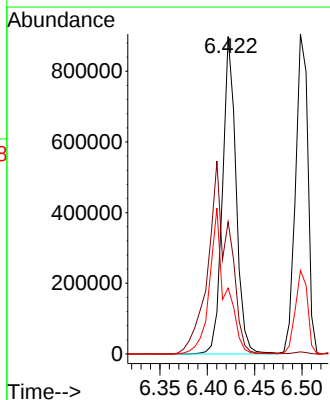
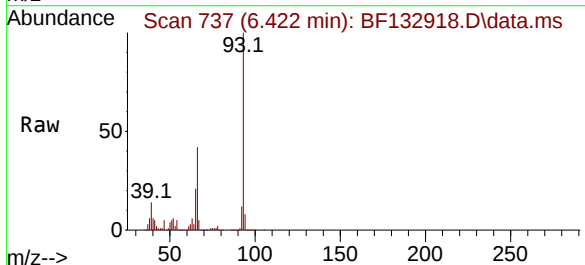
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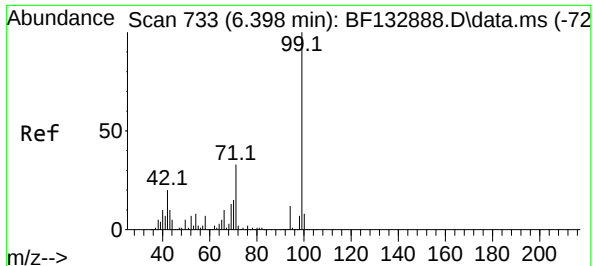
Tgt Ion:112 Resp: 1724285
Ion Ratio Lower Upper
112 100
64 64.9 51.8 77.8
63 33.4 26.3 39.5



#6
Aniline
Concen: 34.722 ng
RT: 6.422 min Scan# 737
Delta R.T. -0.012 min
Lab File: BF132918.D
Acq: 19 Apr 2023 18:34

Tgt Ion: 93 Resp: 899615
Ion Ratio Lower Upper
93 100
66 41.6 31.8 47.6
65 20.8 16.3 24.5



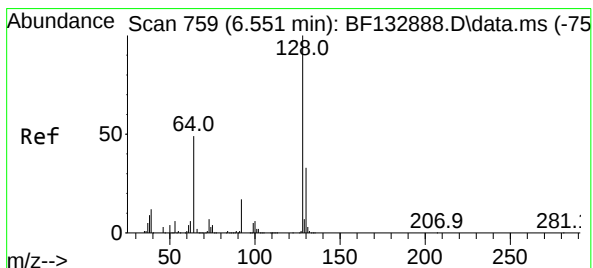
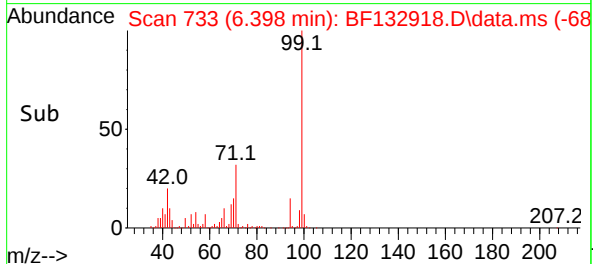
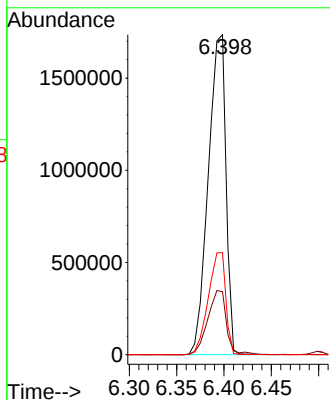
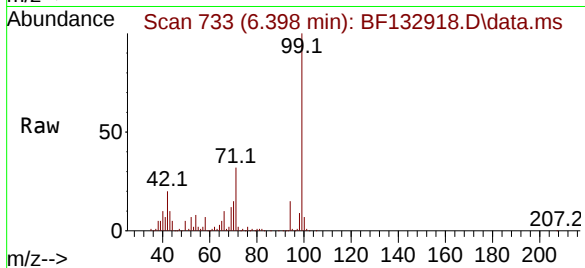


#7
Phenol-d6
Concen: 115.802 ng
RT: 6.398 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132918.D
Acq: 19 Apr 2023 18:34

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ClientSampleId :
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Tgt Ion: 99 Resp: 2262437

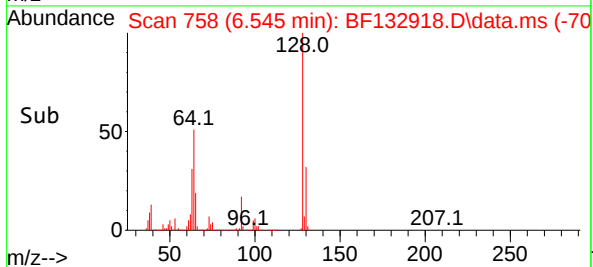
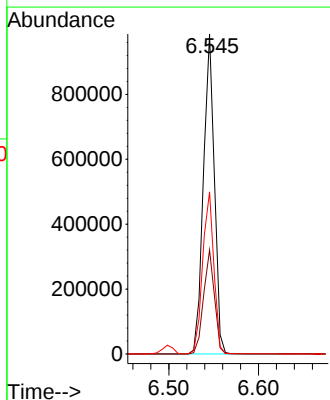
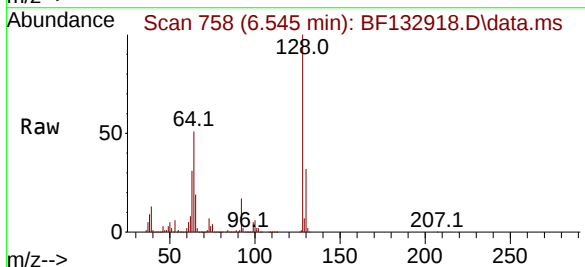
Ion	Ratio	Lower	Upper
99	100		
42	19.7	16.1	24.1
71	31.9	26.1	39.1

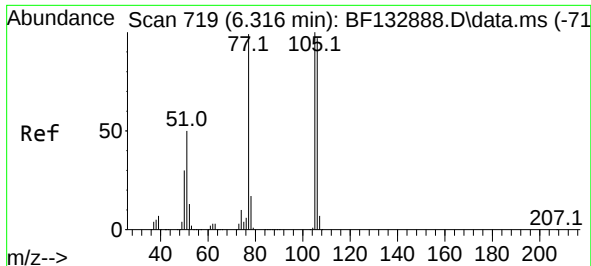


#8
2-Chlorophenol
Concen: 53.783 ng
RT: 6.545 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF132918.D
Acq: 19 Apr 2023 18:34

Tgt Ion:128 Resp: 835394

Ion	Ratio	Lower	Upper
128	100		
130	32.5	13.2	53.2
64	50.7	30.9	70.9

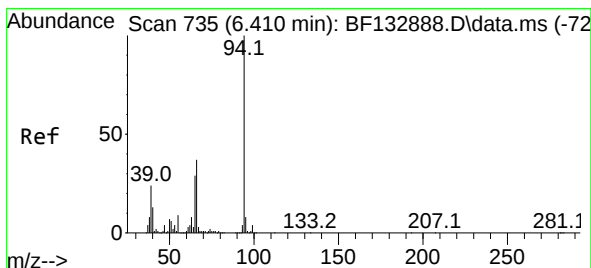
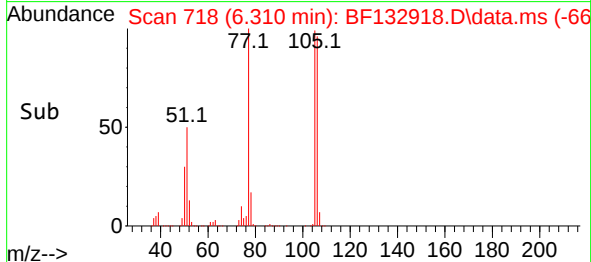
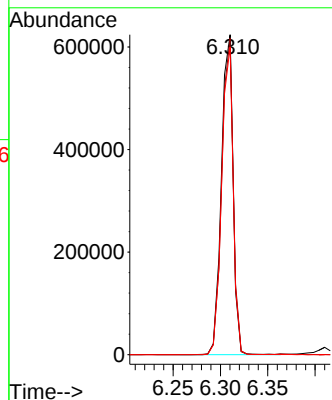
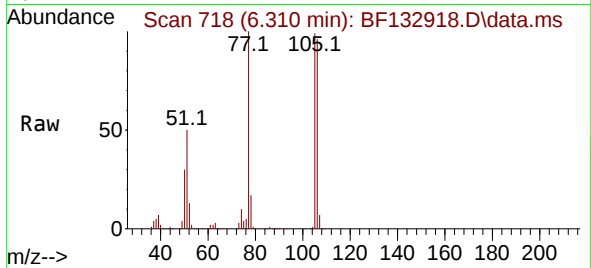




#9
Benzaldehyde
Concen: 46.291 ng
RT: 6.310 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF132918.D
Acq: 19 Apr 2023 18:34

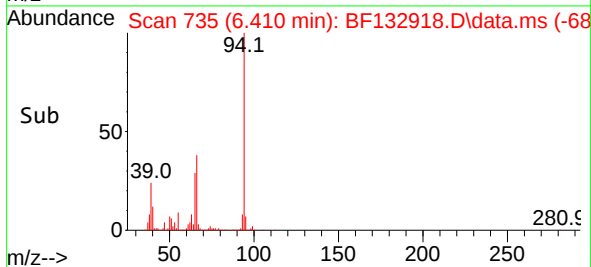
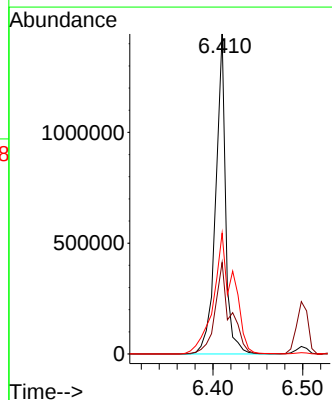
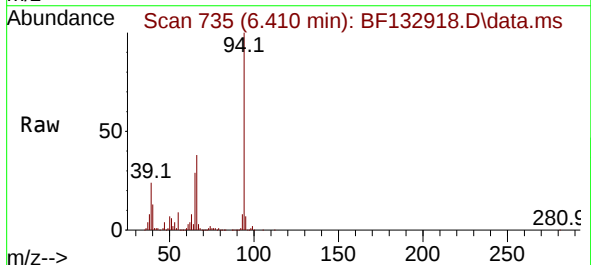
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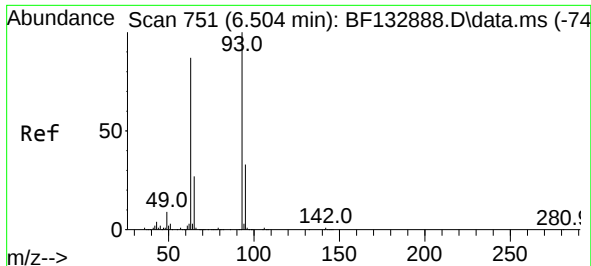
Tgt Ion: 77 Resp: 535106
Ion Ratio Lower Upper
77 100
105 99.0 80.8 120.8
106 96.2 77.9 117.9



#10
Phenol
Concen: 50.571 ng
RT: 6.410 min Scan# 735
Delta R.T. 0.000 min
Lab File: BF132918.D
Acq: 19 Apr 2023 18:34

Tgt Ion: 94 Resp: 1110900
Ion Ratio Lower Upper
94 100
65 28.6 9.0 49.0
66 37.8 17.1 57.1





#11

bis(2-Chloroethyl)ether

Concen: 49.392 ng

RT: 6.498 min Scan# 750

Delta R.T. -0.006 min

Lab File: BF132918.D

Acq: 19 Apr 2023 18:34

Instrument :

BNA_F

ClientSampleId :

SB-16-14-16-20230413MS

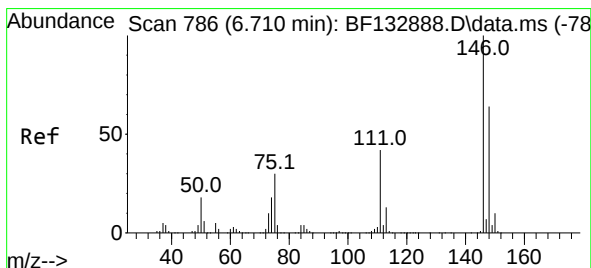
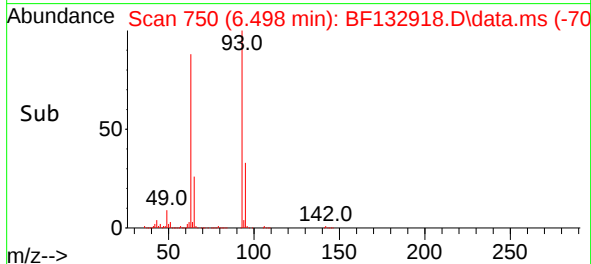
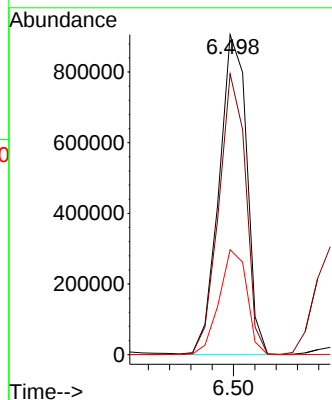
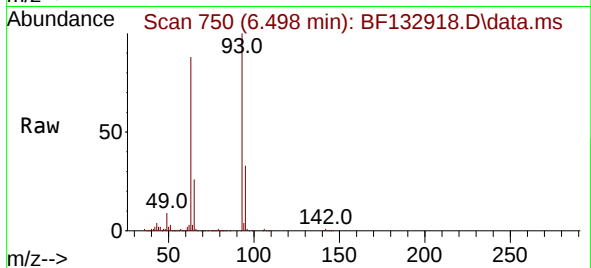
Tgt Ion: 93 Resp: 819427

Ion Ratio Lower Upper

93 100

63 87.8 66.7 106.7

95 32.8 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 50.668 ng

RT: 6.704 min Scan# 785

Delta R.T. -0.006 min

Lab File: BF132918.D

Acq: 19 Apr 2023 18:34

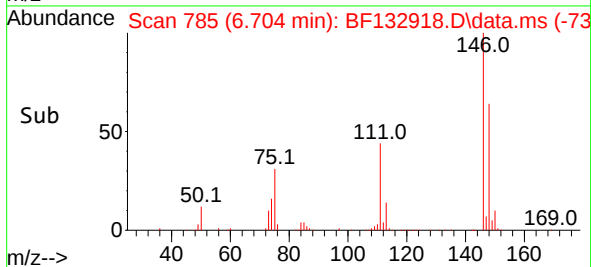
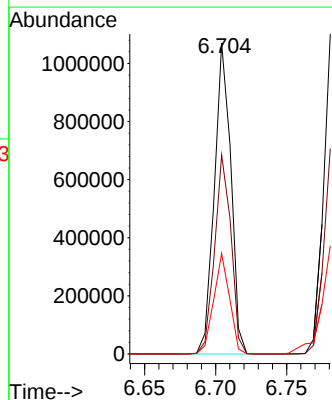
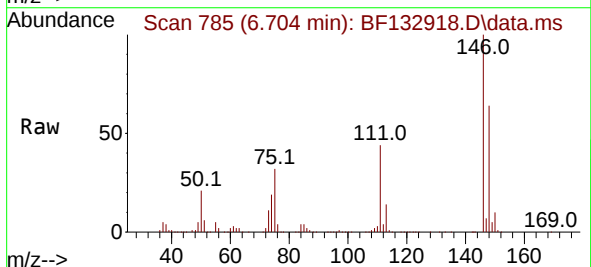
Tgt Ion:146 Resp: 865037

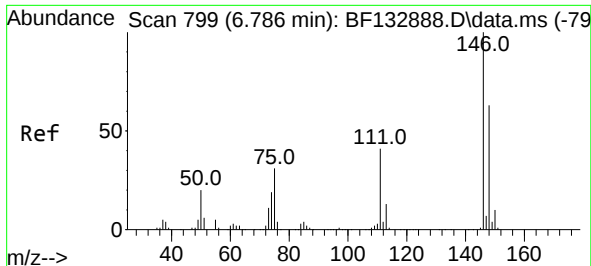
Ion Ratio Lower Upper

146 100

148 64.0 51.1 76.7

75 32.3 23.9 35.9





#13

1,4-Dichlorobenzene

Concen: 50.925 ng

RT: 6.781 min Scan# 799

Delta R.T. -0.006 min

Lab File: BF132918.D

Acq: 19 Apr 2023 18:34

Instrument :

BNA_F

ClientSampleId :

SB-16-14-16-20230413MS

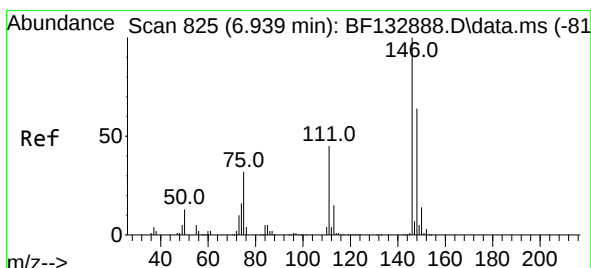
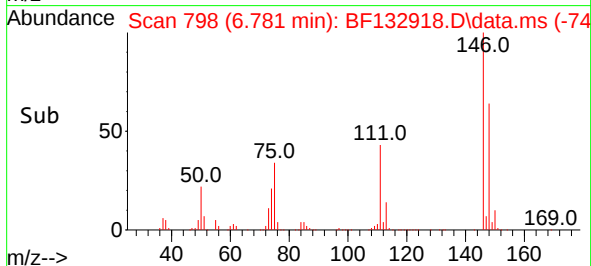
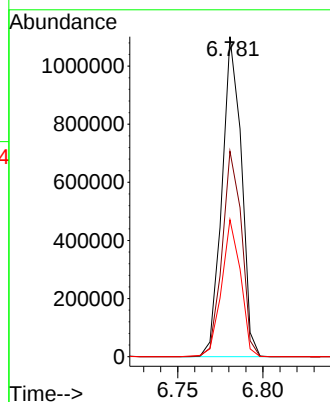
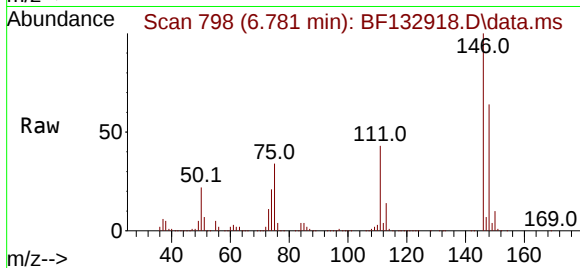
Tgt Ion:146 Resp: 871175

Ion Ratio Lower Upper

146 100

148 64.2 50.7 76.1

111 42.8 32.5 48.7



#14

1,2-Dichlorobenzene

Concen: 52.261 ng

RT: 6.934 min Scan# 824

Delta R.T. -0.006 min

Lab File: BF132918.D

Acq: 19 Apr 2023 18:34

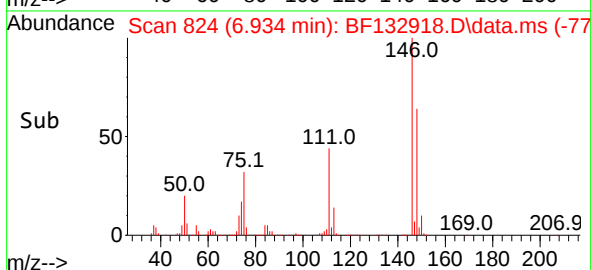
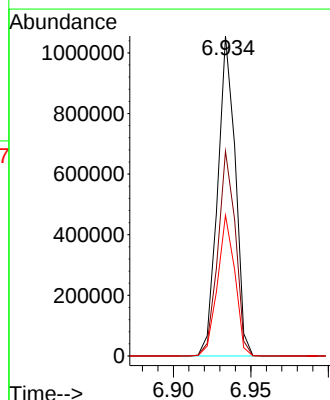
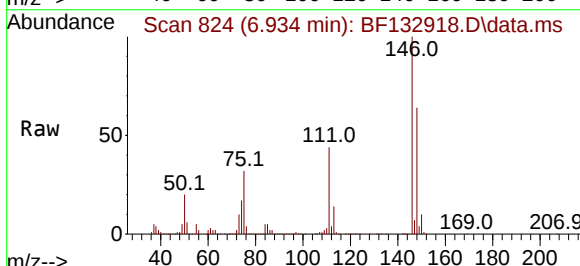
Tgt Ion:146 Resp: 834738

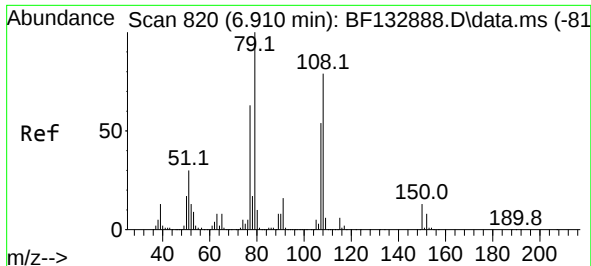
Ion Ratio Lower Upper

146 100

148 64.0 51.3 76.9

111 44.0 36.0 54.0

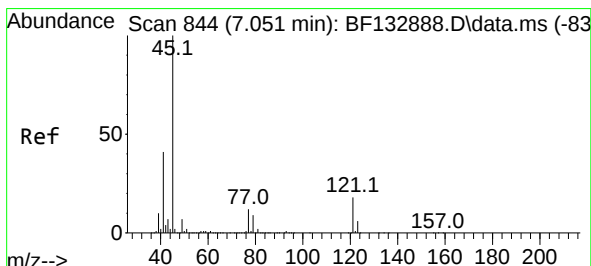
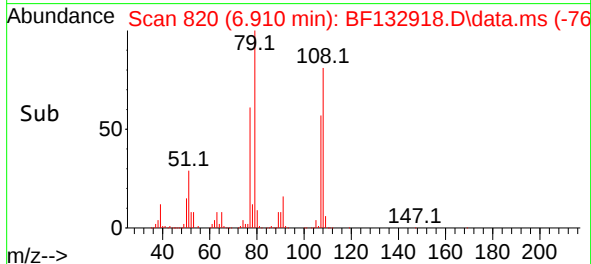
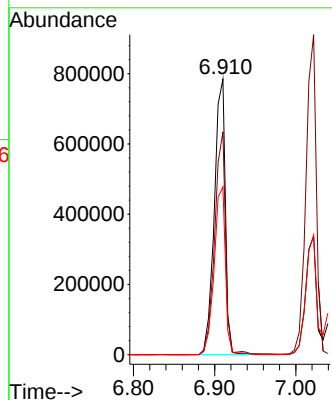
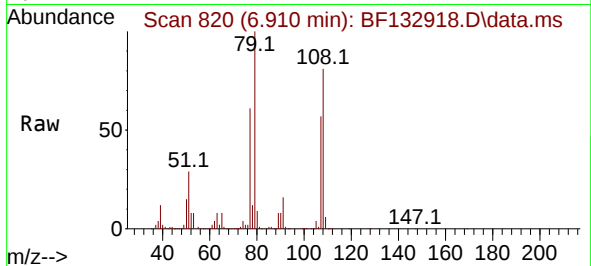




#15
Benzyl Alcohol
Concen: 55.112 ng
RT: 6.910 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF132918.D
Acq: 19 Apr 2023 18:34

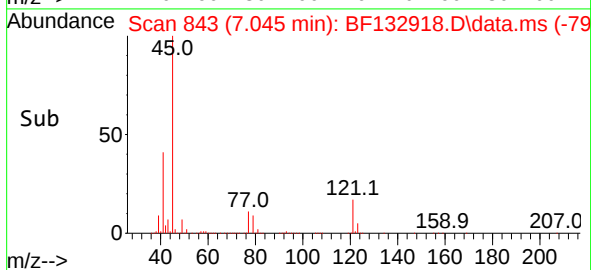
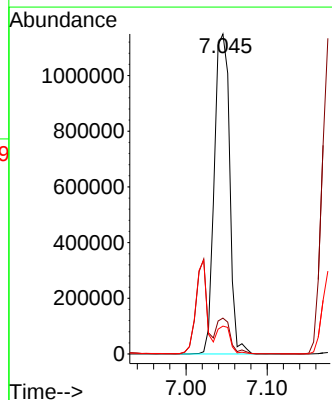
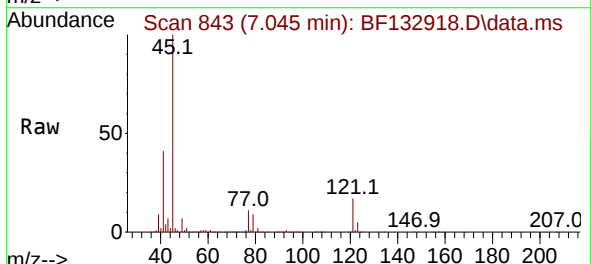
Instrument :
BNA_F
ClientSampleId :
SB-16-14-16-20230413MS

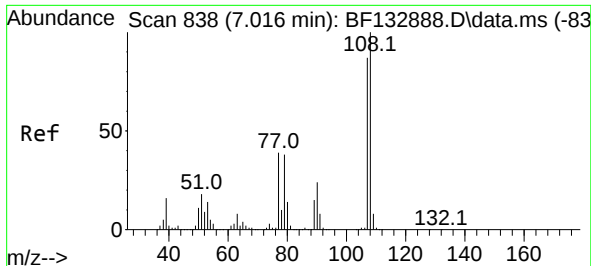
Tgt Ion: 79 Resp: 737914
Ion Ratio Lower Upper
79 100
108 80.9 63.0 94.6
77 60.9 50.4 75.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.287 ng
RT: 7.045 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF132918.D
Acq: 19 Apr 2023 18:34

Tgt Ion: 45 Resp: 1500972
Ion Ratio Lower Upper
45 100
77 11.2 0.0 31.6
79 8.7 0.0 29.2

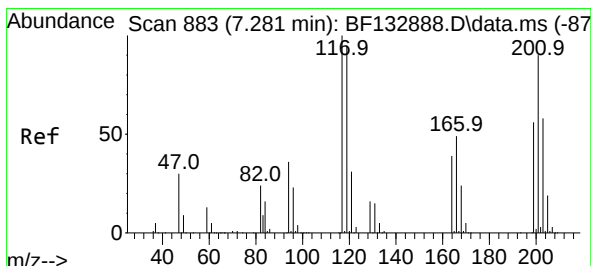
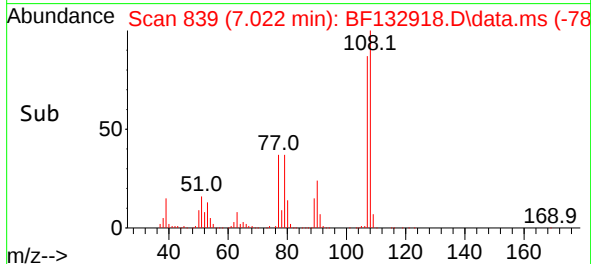
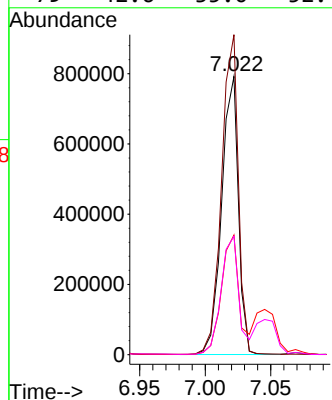
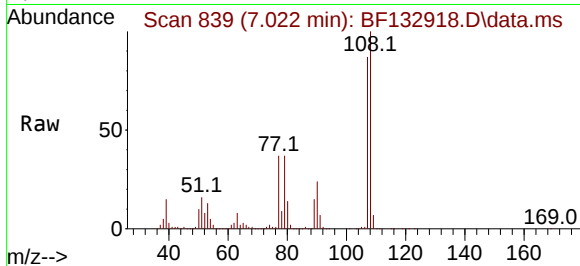




#17
2-Methylphenol
Concen: 49.288 ng
RT: 7.022 min Scan# 811
Delta R.T. 0.006 min
Lab File: BF132918.D
Acq: 19 Apr 2023 18:34

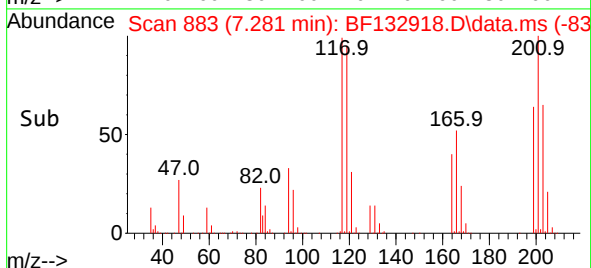
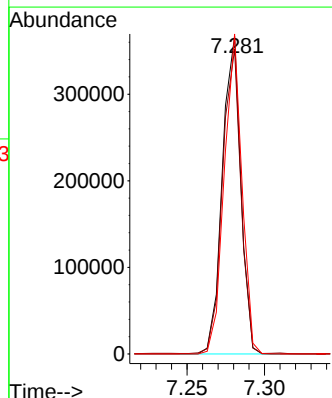
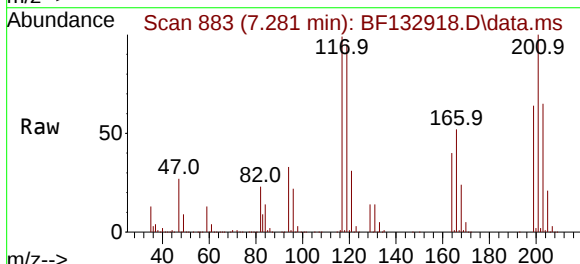
Instrument :
BNA_F
ClientSampleId :
SB-16-14-16-20230413MS

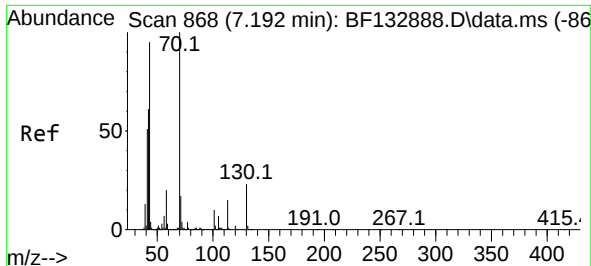
Tgt Ion:	107	Resp:	701199
Ion	Ratio	Lower	Upper
107	100		
108	115.0	91.7	137.5
77	43.0	35.8	53.8
79	42.6	35.0	52.4



#18
Hexachloroethane
Concen: 51.118 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF132918.D
Acq: 19 Apr 2023 18:34

Tgt Ion:	117	Resp:	303485
Ion	Ratio	Lower	Upper
117	100		
119	96.0	76.1	114.1
201	100.7	71.8	107.6



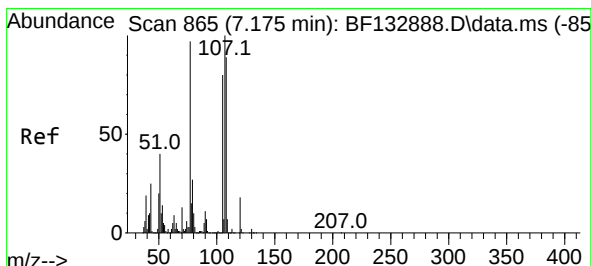
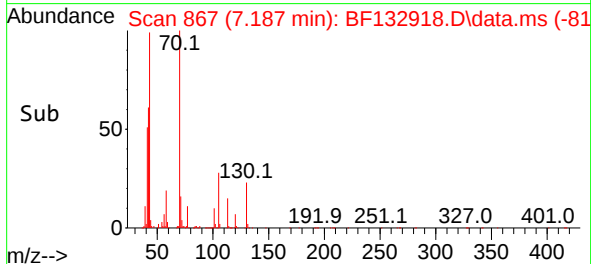
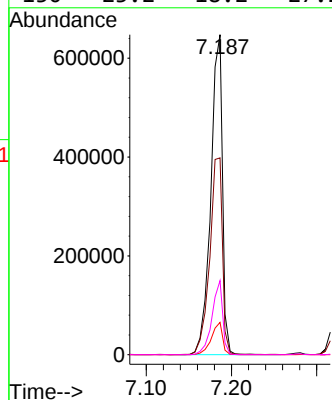
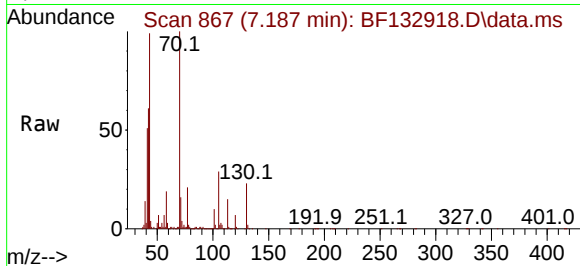


#19
n-Nitroso-di-n-propylamine
Concen: 50.489 ng
RT: 7.187 min Scan# 868
Delta R.T. -0.006 min
Lab File: BF132918.D
Acq: 19 Apr 2023 18:34

Instrument :
BNA_F
ClientSampleId :
SB-16-14-16-20230413MS

Tgt Ion: 70 Resp: 615710

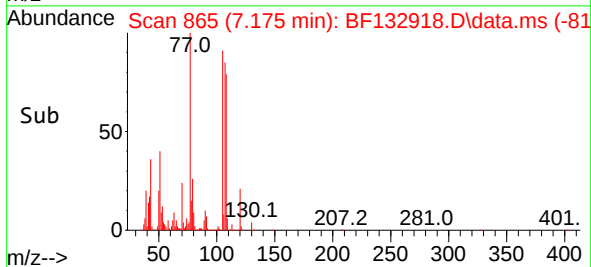
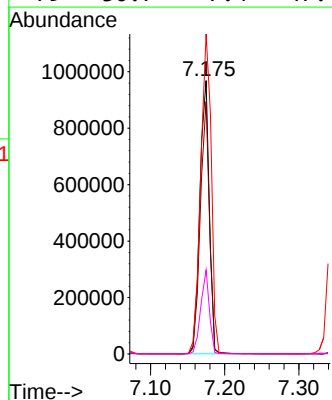
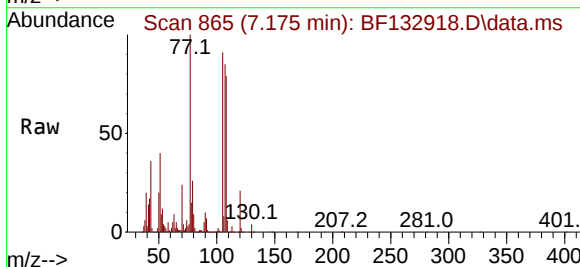
Ion	Ratio	Lower	Upper
70	100		
42	61.5	49.0	73.6
101	10.1	8.1	12.1
130	23.2	18.2	27.2

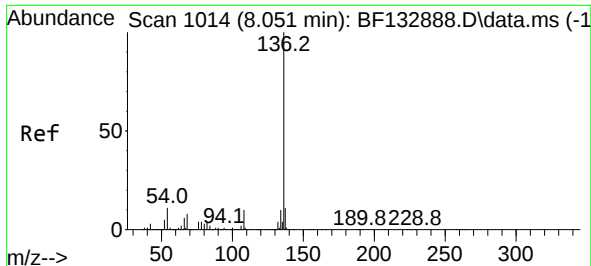


#20
3+4-Methylphenols
Concen: 50.621 ng
RT: 7.175 min Scan# 865
Delta R.T. 0.000 min
Lab File: BF132918.D
Acq: 19 Apr 2023 18:34

Tgt Ion: 107 Resp: 851198

Ion	Ratio	Lower	Upper
107	100		
108	92.3	68.5	108.5
77	117.0	77.1	117.1
79	30.7	7.4	47.4

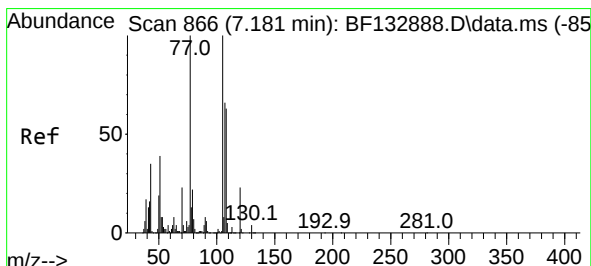
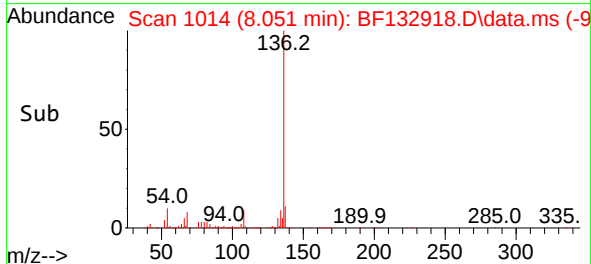
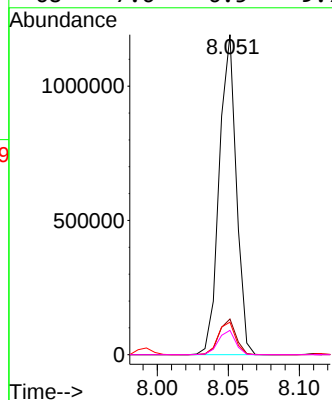
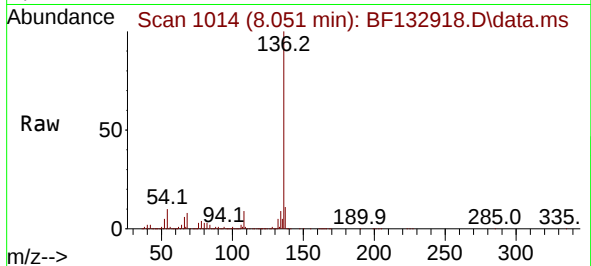




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1014
Delta R.T. 0.000 min
Lab File: BF132918.D
Acq: 19 Apr 2023 18:34

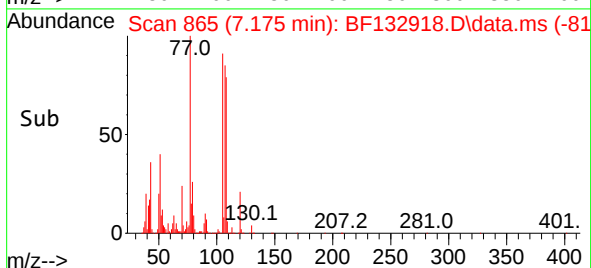
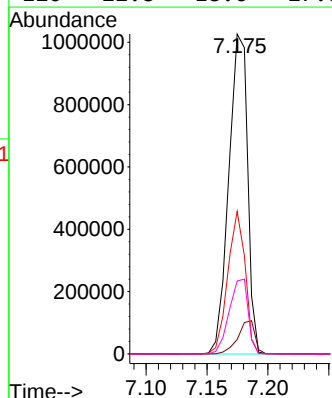
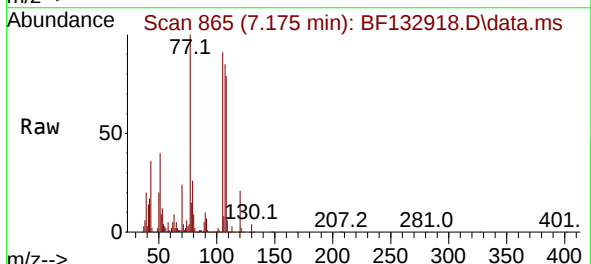
Instrument :
BNA_F
ClientSampleId :
SB-16-14-16-20230413MS

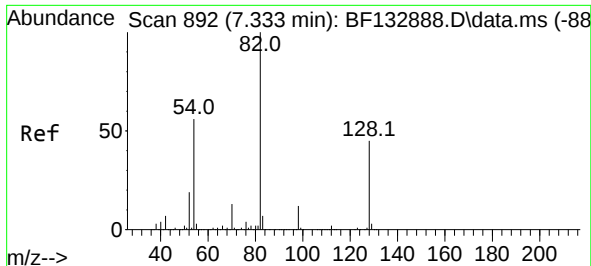
Tgt Ion:	136	Resp:	993494
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.0	13.4
54	10.2	8.9	13.3
68	7.6	6.5	9.7



#22
Acetophenone
Concen: 47.463 ng
RT: 7.175 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF132918.D
Acq: 19 Apr 2023 18:34

Tgt Ion:	105	Resp:	1106194
Ion Ratio	Lower	Upper	
105	100		
71	4.5	3.1	4.7
51	44.6	31.4	47.2
120	22.8	18.6	27.8





#23

Nitrobenzene-d5

Concen: 73.267 ng

RT: 7.328 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF132918.D

Acq: 19 Apr 2023 18:34

Instrument :

BNA_F

ClientSampleId :

SB-16-14-16-20230413MS

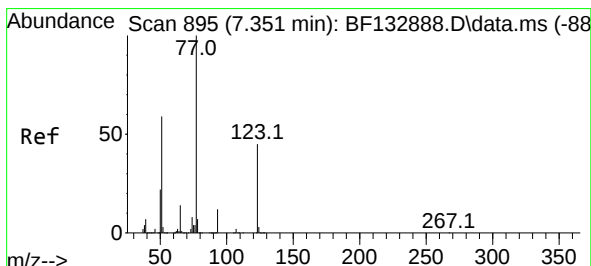
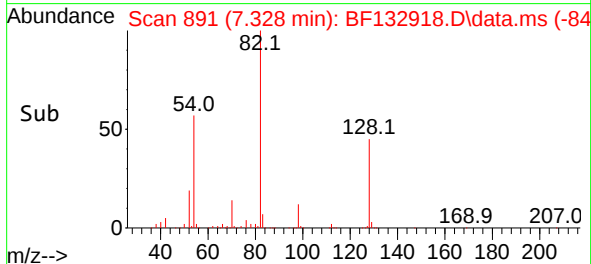
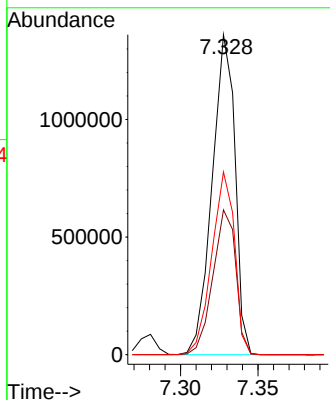
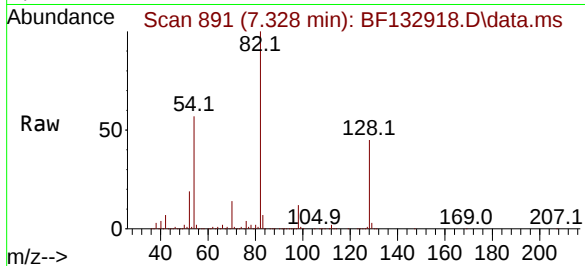
Tgt Ion: 82 Resp: 1396458

Ion Ratio Lower Upper

82 100

128 45.2 35.7 53.5

54 57.1 44.7 67.1



#24

Nitrobenzene

Concen: 47.179 ng

RT: 7.351 min Scan# 895

Delta R.T. 0.000 min

Lab File: BF132918.D

Acq: 19 Apr 2023 18:34

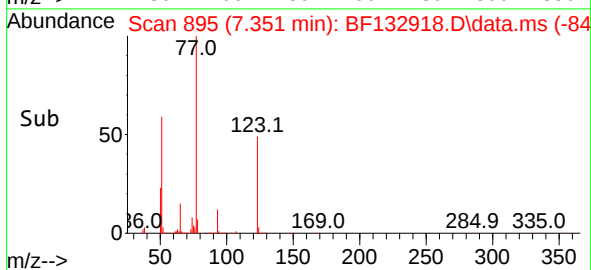
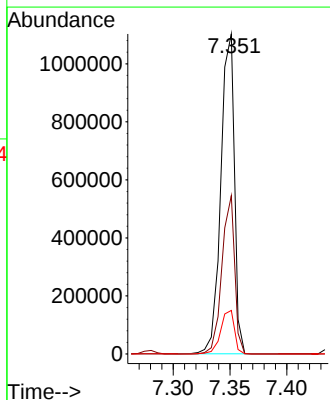
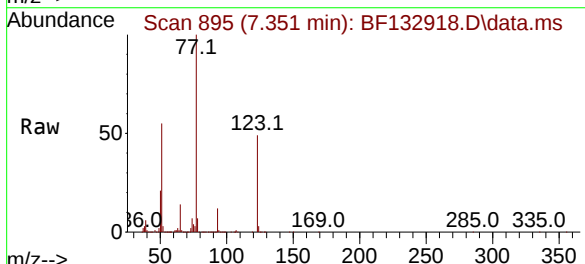
Tgt Ion: 77 Resp: 921690

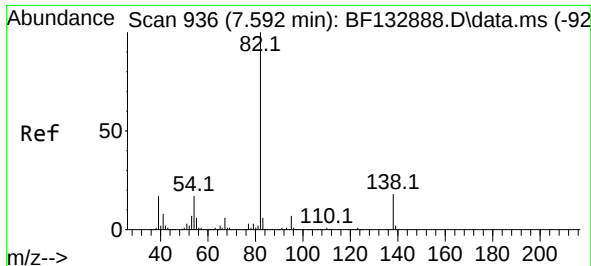
Ion Ratio Lower Upper

77 100

123 49.4 36.3 54.5

65 13.6 11.2 16.8

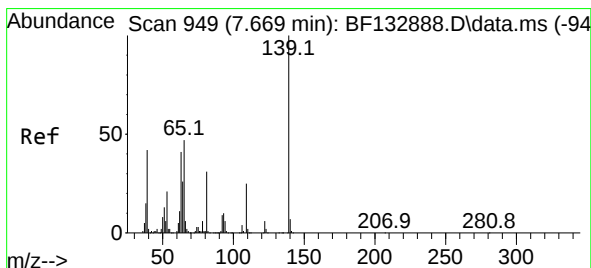
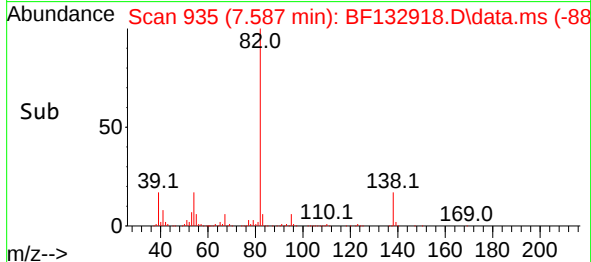
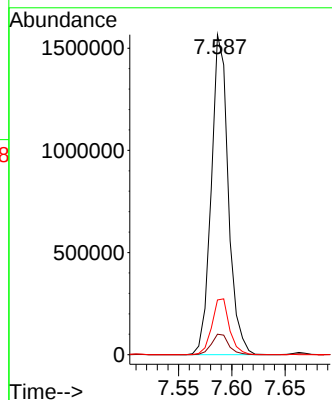
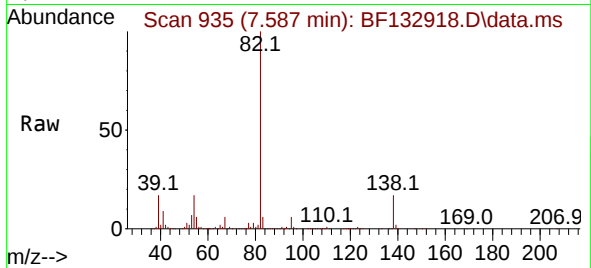




#25
Isophorone
Concen: 48.116 ng
RT: 7.587 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132918.D
Acq: 19 Apr 2023 18:34

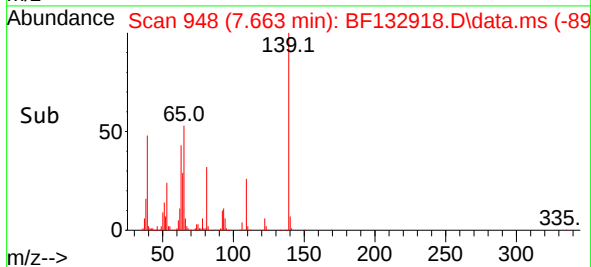
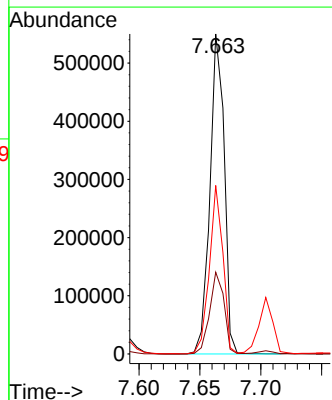
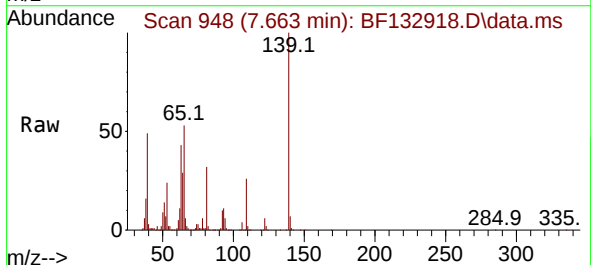
Instrument :
BNA_F
ClientSampleId :
SB-16-14-16-20230413MS

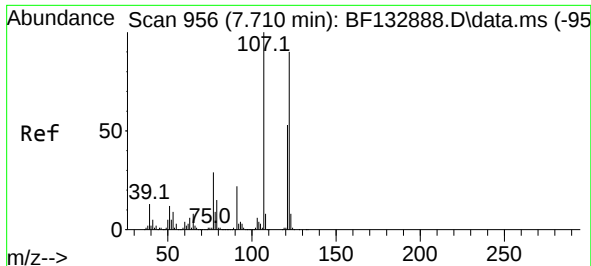
Tgt Ion: 82 Resp: 1739541
Ion Ratio Lower Upper
82 100
95 6.4 5.3 7.9
138 17.1 14.2 21.2



#26
2-Nitrophenol
Concen: 60.761 ng
RT: 7.663 min Scan# 948
Delta R.T. -0.006 min
Lab File: BF132918.D
Acq: 19 Apr 2023 18:34

Tgt Ion: 139 Resp: 447798
Ion Ratio Lower Upper
139 100
109 25.6 20.1 30.1
65 52.7 38.0 57.0





#27

2,4-Dimethylphenol

Concen: 51.842 ng

RT: 7.704 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF132918.D

Acq: 19 Apr 2023 18:34

Instrument :

BNA_F

ClientSampleId :

SB-16-14-16-20230413MS

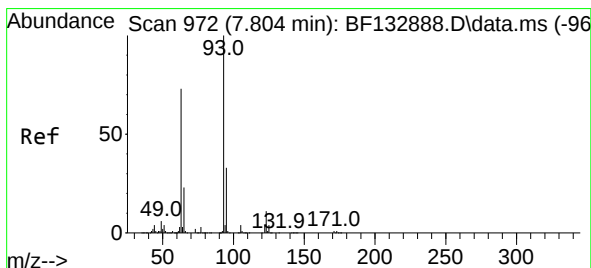
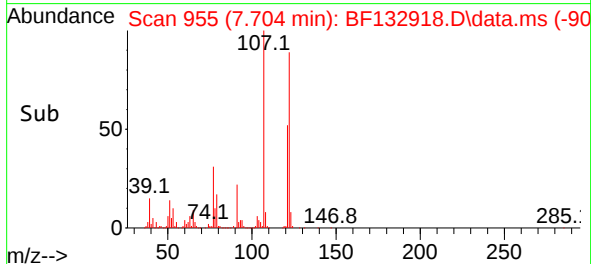
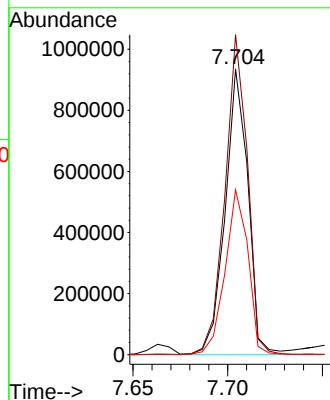
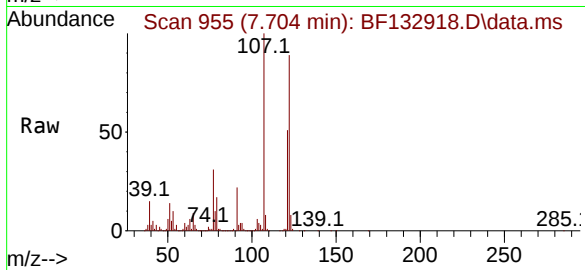
Tgt Ion:122 Resp: 779365

Ion Ratio Lower Upper

122 100

107 112.0 88.5 132.7

121 57.7 47.2 70.8



#28

bis(2-Chloroethoxy)methane

Concen: 47.484 ng

RT: 7.804 min Scan# 972

Delta R.T. 0.000 min

Lab File: BF132918.D

Acq: 19 Apr 2023 18:34

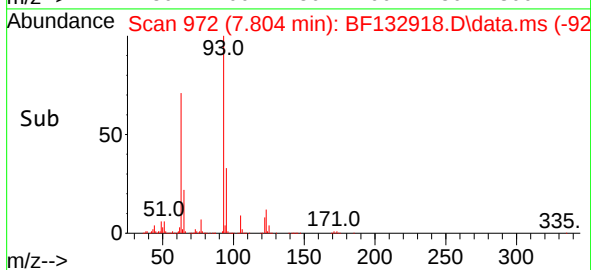
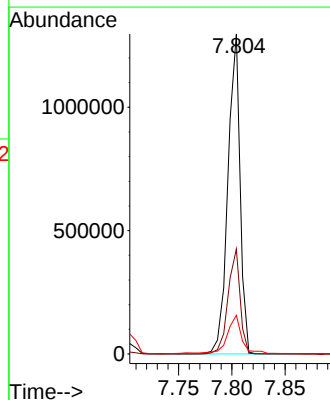
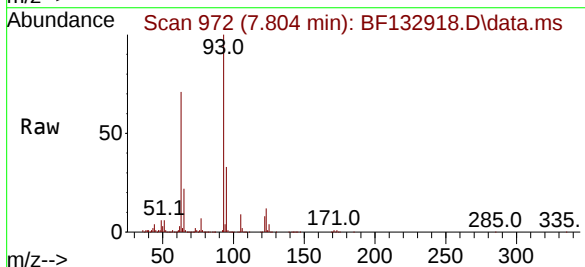
Tgt Ion: 93 Resp: 1026399

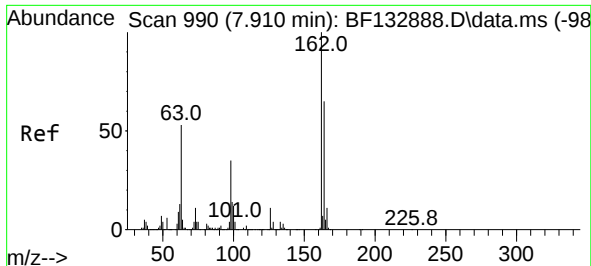
Ion Ratio Lower Upper

93 100

95 32.8 26.3 39.5

123 12.1 9.3 13.9

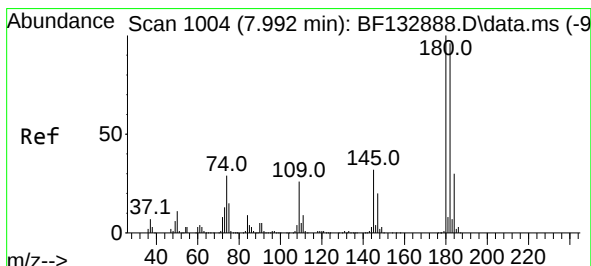
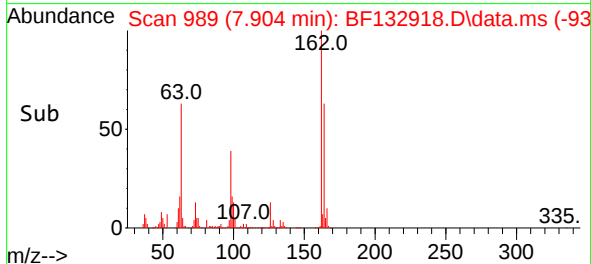
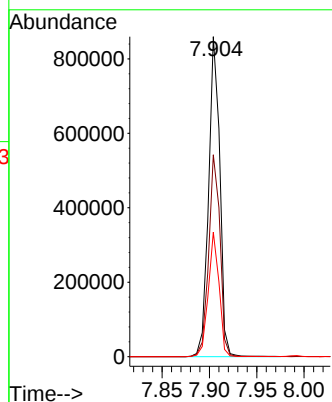
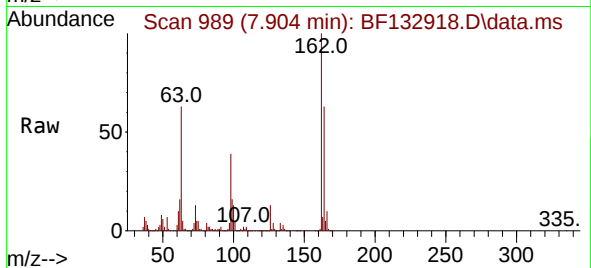




#29
2,4-Dichlorophenol
Concen: 50.516 ng
RT: 7.904 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132918.D
Acq: 19 Apr 2023 18:34

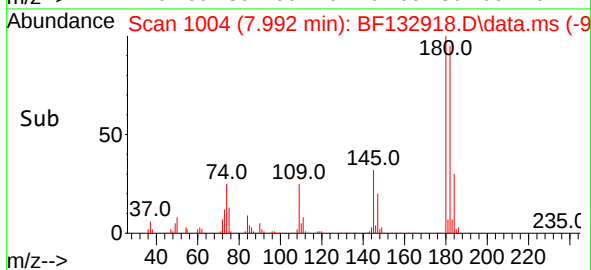
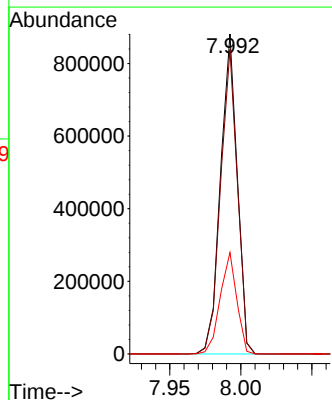
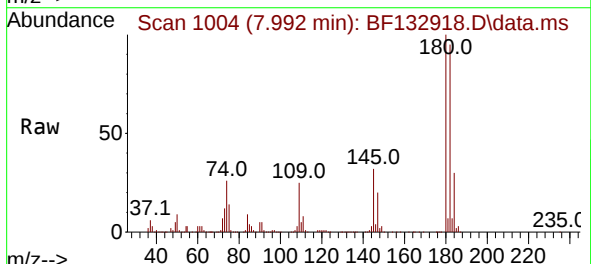
Instrument :
BNA_F
ClientSampleId :
SB-16-14-16-20230413MS

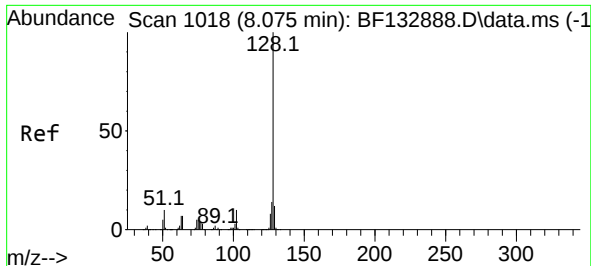
Tgt Ion:162 Resp: 706866
Ion Ratio Lower Upper
162 100
164 63.1 45.2 85.2
98 38.9 14.8 54.8



#30
1,2,4-Trichlorobenzene
Concen: 47.683 ng
RT: 7.992 min Scan# 1004
Delta R.T. 0.000 min
Lab File: BF132918.D
Acq: 19 Apr 2023 18:34

Tgt Ion:180 Resp: 720441
Ion Ratio Lower Upper
180 100
182 95.1 76.6 114.8
145 31.7 25.4 38.0

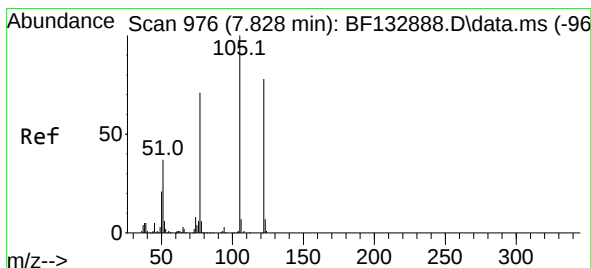
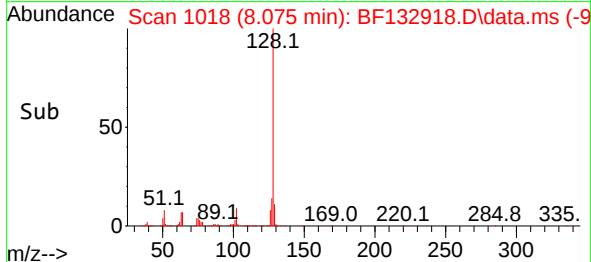
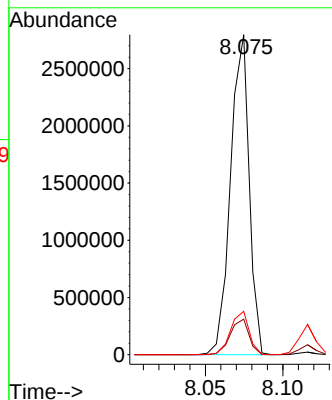
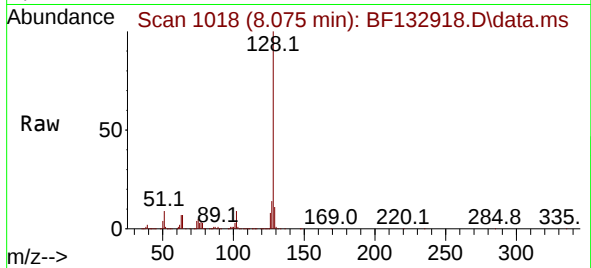




#31
Naphthalene
Concen: 46.543 ng
RT: 8.075 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BF132918.D
Acq: 19 Apr 2023 18:34

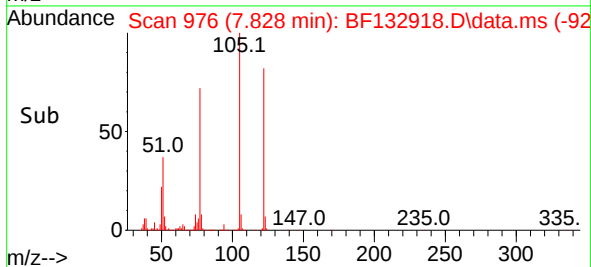
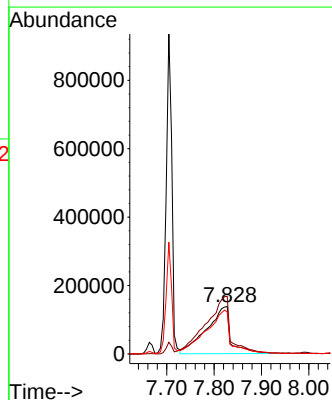
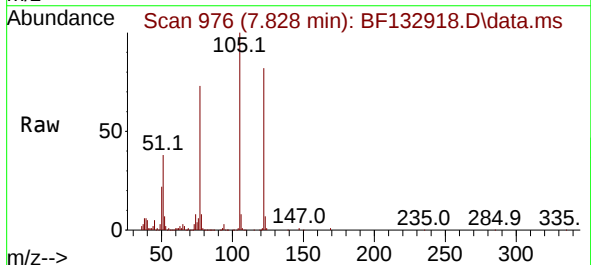
Instrument :
BNA_F
ClientSampleId :
SB-16-14-16-20230413MS

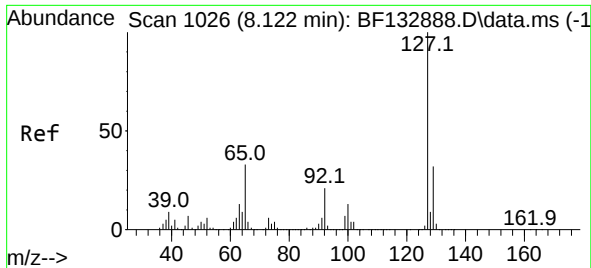
Tgt Ion:128 Resp: 2336694
Ion Ratio Lower Upper
128 100
129 11.1 9.4 14.0
127 13.6 11.0 16.6



#32
Benzoic acid
Concen: 65.824 ng
RT: 7.828 min Scan# 976
Delta R.T. -0.000 min
Lab File: BF132918.D
Acq: 19 Apr 2023 18:34

Tgt Ion:122 Resp: 496238
Ion Ratio Lower Upper
122 100
105 121.9 104.5 144.5
77 88.7 71.2 111.2





#33

4-Chloroaniline

Concen: 10.269 ng

RT: 8.116 min Scan# 1025

Delta R.T. -0.006 min

Lab File: BF132918.D

Acq: 19 Apr 2023 18:34

Instrument :

BNA_F

ClientSampleId :

SB-16-14-16-20230413MS

Tgt Ion:127 Resp: 211152

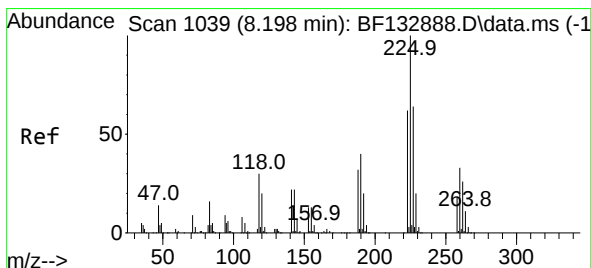
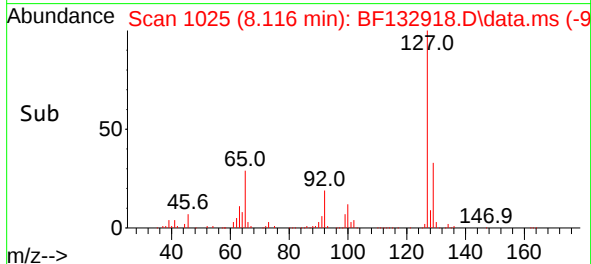
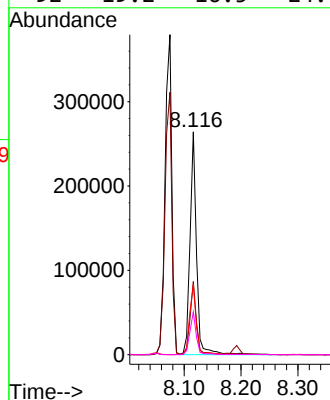
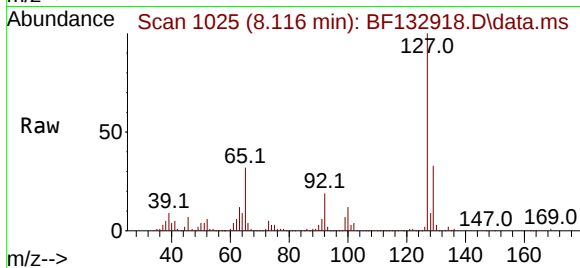
Ion Ratio Lower Upper

127 100

129 32.8 25.9 38.9

65 31.6 26.7 40.1

92 19.2 16.5 24.7



#34

Hexachlorobutadiene

Concen: 45.882 ng

RT: 8.192 min Scan# 1038

Delta R.T. -0.006 min

Lab File: BF132918.D

Acq: 19 Apr 2023 18:34

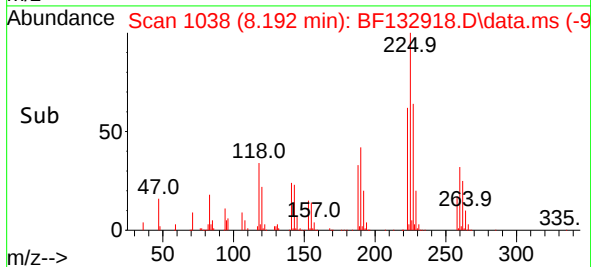
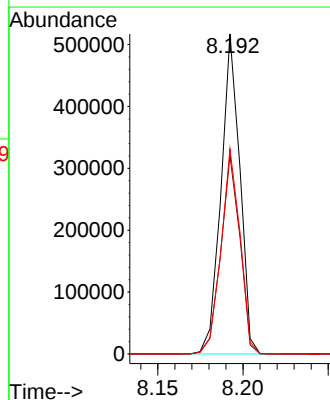
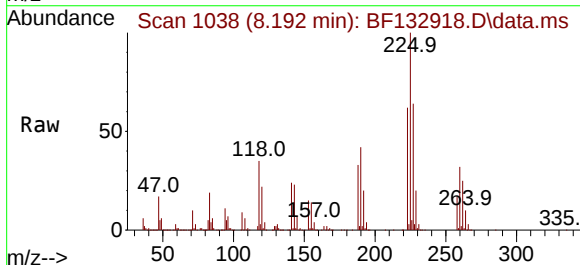
Tgt Ion:225 Resp: 396586

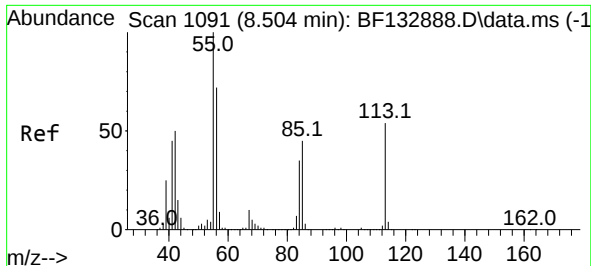
Ion Ratio Lower Upper

225 100

223 62.1 49.6 74.4

227 64.1 51.6 77.4

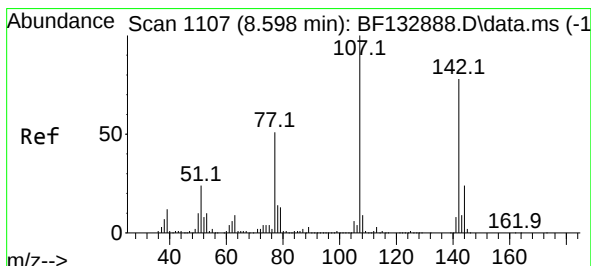
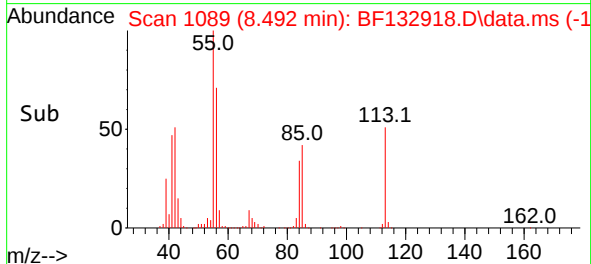
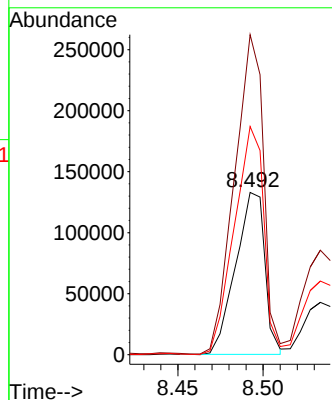
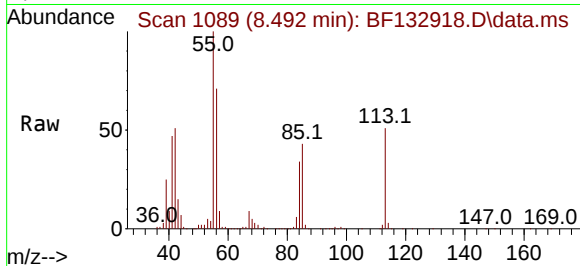




#35
 Caprolactam
 Concen: 37.901 ng
 RT: 8.492 min Scan# 1089
 Delta R.T. -0.012 min
 Lab File: BF132918.D
 Acq: 19 Apr 2023 18:34

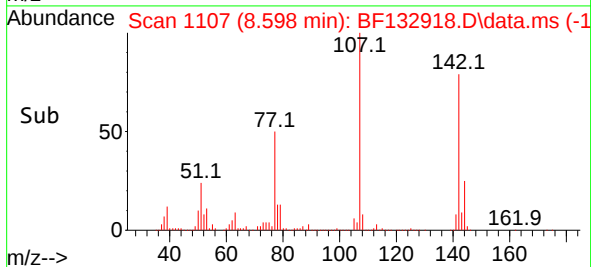
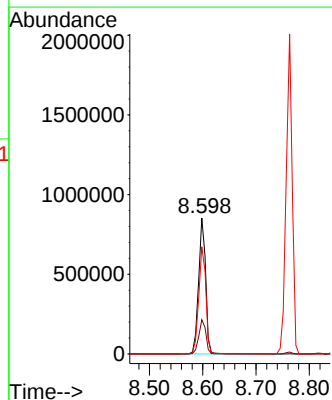
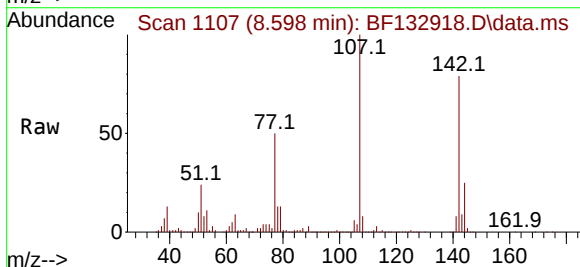
Instrument :
 BNA_F
 ClientSampleId :
 SB-16-14-16-20230413MS

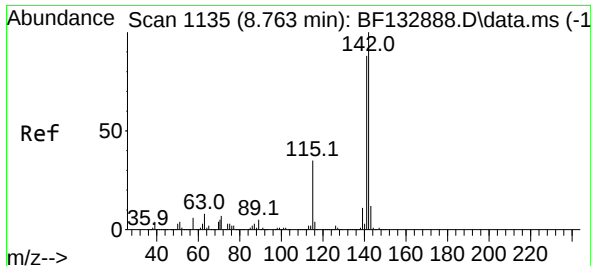
Tgt Ion:113 Resp: 157935
 Ion Ratio Lower Upper
 113 100
 55 197.2 166.0 206.0
 56 140.6 114.5 154.5



#36
 4-Chloro-3-methylphenol
 Concen: 53.301 ng
 RT: 8.598 min Scan# 1107
 Delta R.T. 0.000 min
 Lab File: BF132918.D
 Acq: 19 Apr 2023 18:34

Tgt Ion:107 Resp: 782840
 Ion Ratio Lower Upper
 107 100
 144 25.2 19.4 29.0
 142 78.9 62.2 93.2

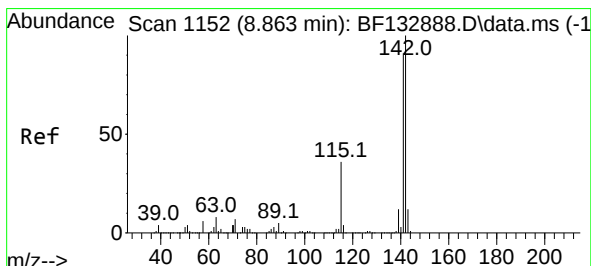
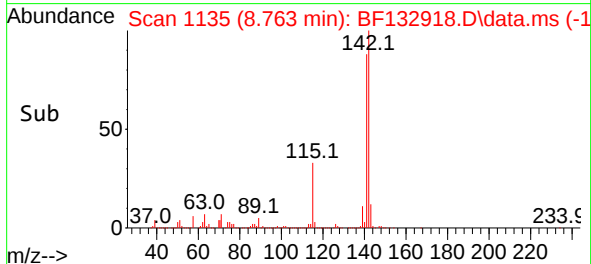
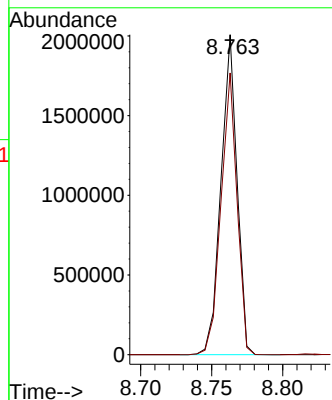
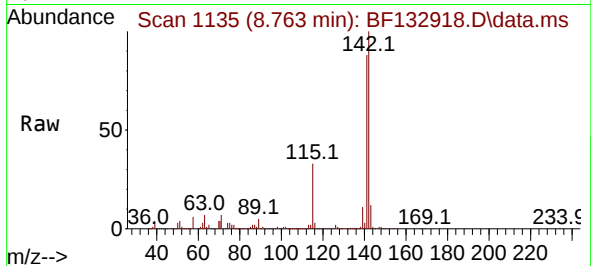




#37
2-Methylnaphthalene
Concen: 45.515 ng
RT: 8.763 min Scan# 1135
Delta R.T. 0.000 min
Lab File: BF132918.D
Acq: 19 Apr 2023 18:34

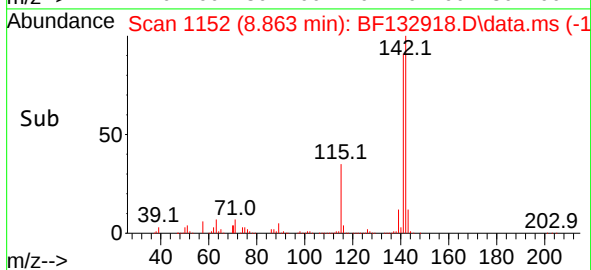
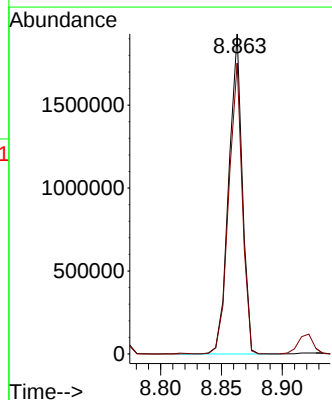
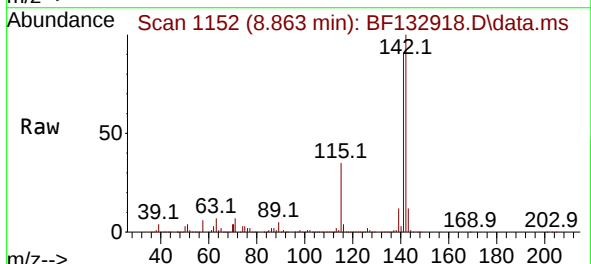
Instrument :
BNA_F
ClientSampleId :
SB-16-14-16-20230413MS

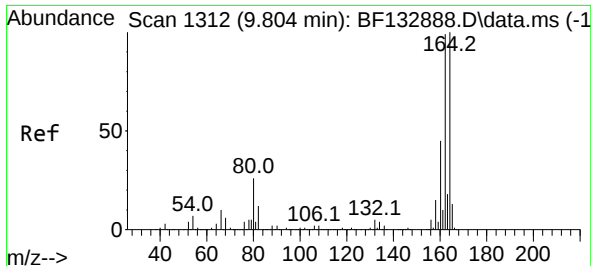
Tgt Ion:142 Resp: 1572829
Ion Ratio Lower Upper
142 100
141 88.0 70.4 105.6



#38
1-Methylnaphthalene
Concen: 46.193 ng
RT: 8.863 min Scan# 1152
Delta R.T. 0.000 min
Lab File: BF132918.D
Acq: 19 Apr 2023 18:34

Tgt Ion:142 Resp: 1487333
Ion Ratio Lower Upper
142 100
141 90.9 72.6 109.0

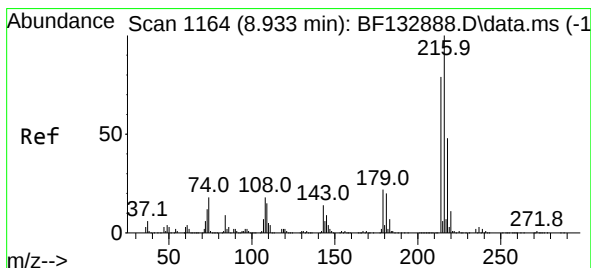
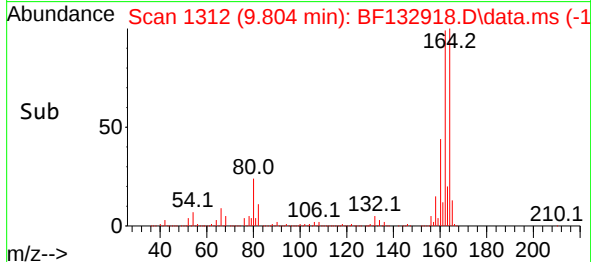
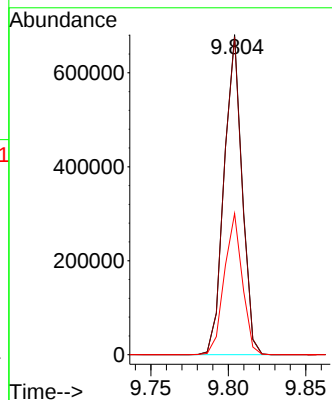
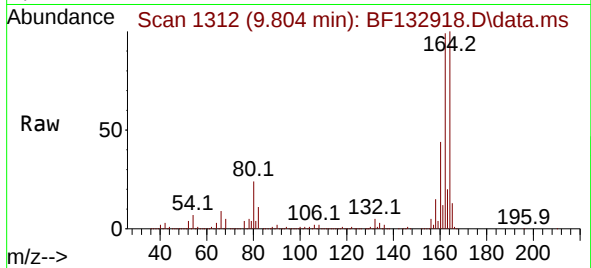




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.804 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132918.D
Acq: 19 Apr 2023 18:34

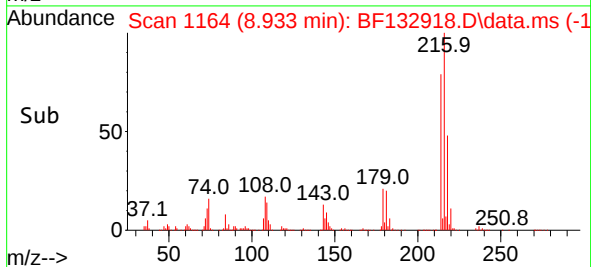
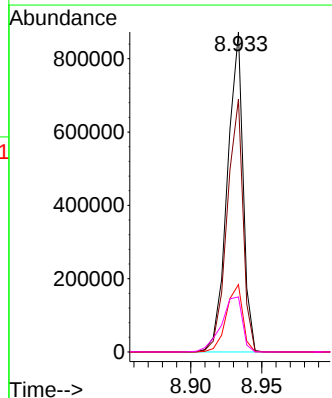
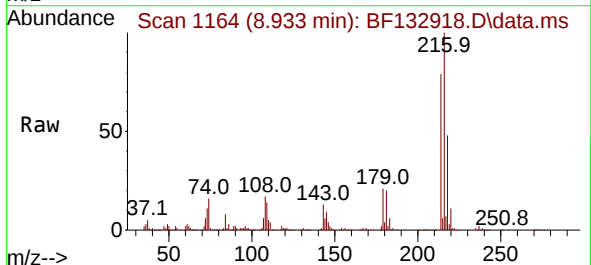
Instrument :
BNA_F
ClientSampleId :
SB-16-14-16-20230413MS

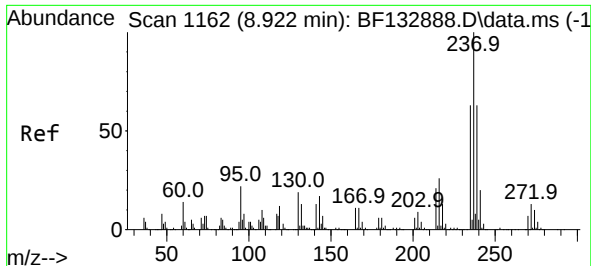
Tgt Ion:164 Resp: 547314
Ion Ratio Lower Upper
164 100
162 99.3 79.1 118.7
160 44.1 35.6 53.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.408 ng
RT: 8.933 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF132918.D
Acq: 19 Apr 2023 18:34

Tgt Ion:216 Resp: 671986
Ion Ratio Lower Upper
216 100
214 79.7 63.1 94.7
179 21.9 17.4 26.2
108 23.1 16.4 24.6

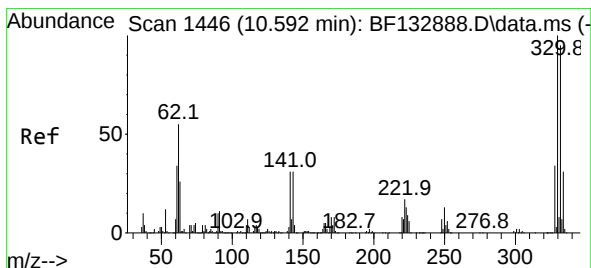
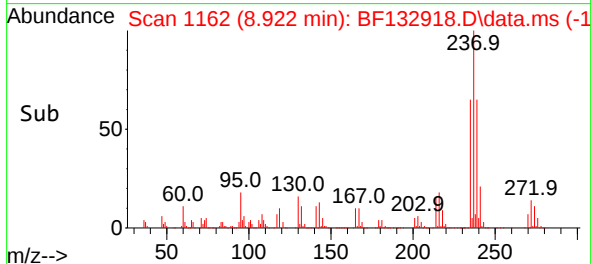
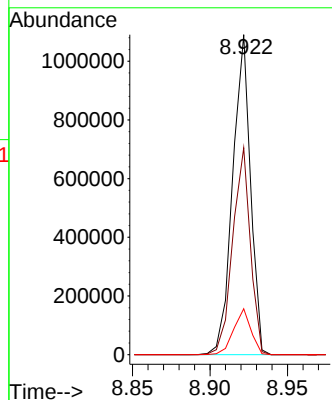
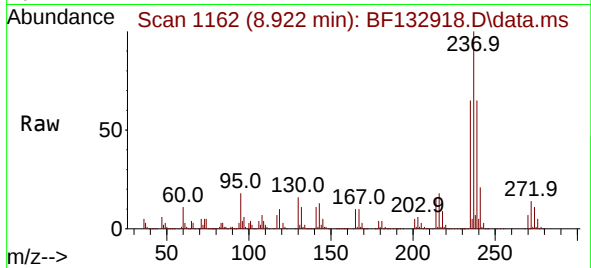




#41
Hexachlorocyclopentadiene
Concen: 106.763 ng
RT: 8.922 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BF132918.D
Acq: 19 Apr 2023 18:34

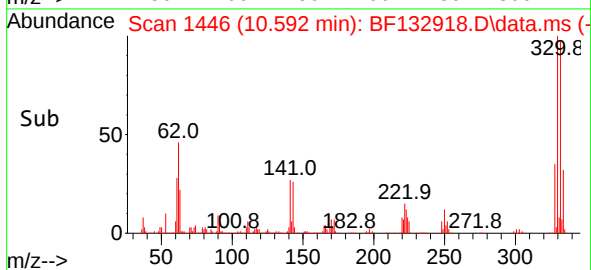
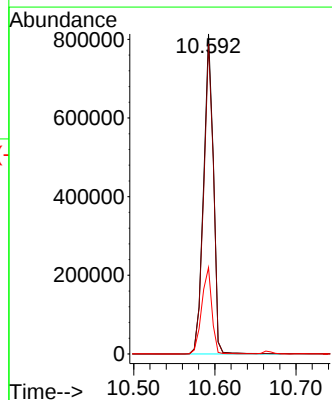
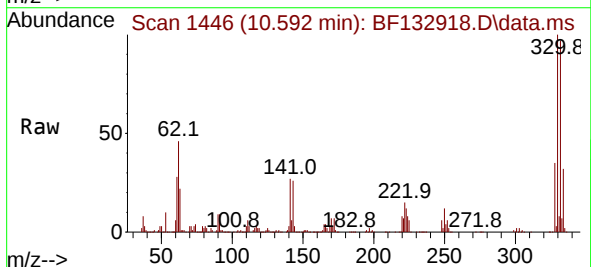
Instrument :
BNA_F
ClientSampleId :
SB-16-14-16-20230413MS

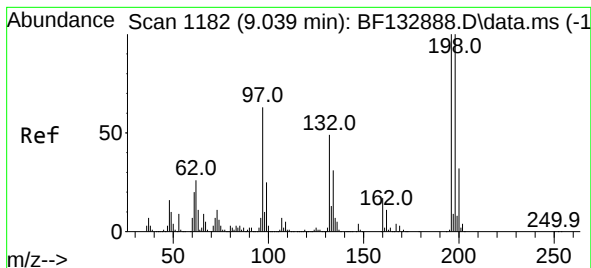
Tgt Ion:237 Resp: 871134
Ion Ratio Lower Upper
237 100
235 64.7 43.2 83.2
272 14.4 0.0 32.8



#42
2,4,6-Tribromophenol
Concen: 124.112 ng
RT: 10.592 min Scan# 1446
Delta R.T. 0.000 min
Lab File: BF132918.D
Acq: 19 Apr 2023 18:34

Tgt Ion:330 Resp: 681326
Ion Ratio Lower Upper
330 100
332 96.9 76.3 114.5
141 28.0 23.9 35.9





#43

2,4,6-Trichlorophenol

Concen: 50.379 ng

RT: 9.039 min Scan# 1182

Delta R.T. 0.000 min

Lab File: BF132918.D

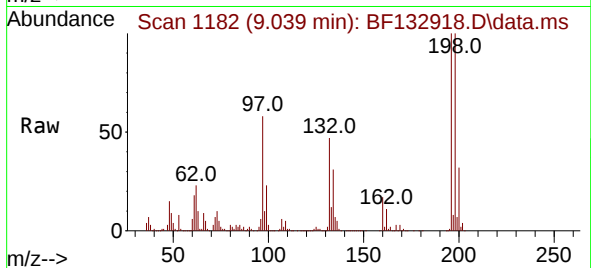
Acq: 19 Apr 2023 18:34

Instrument :

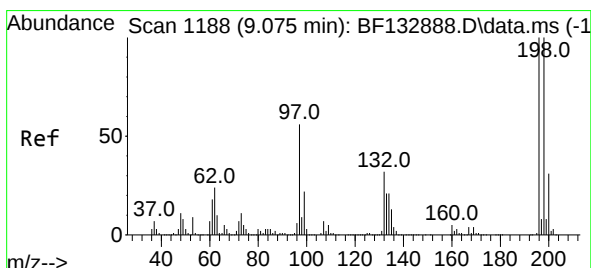
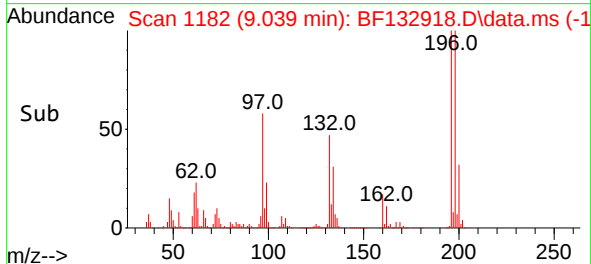
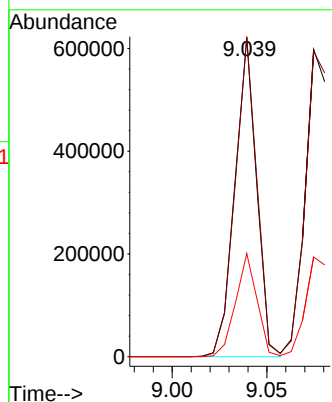
BNA_F

ClientSampleId :

SB-16-14-16-20230413MS



Tgt Ion:	196	Resp:	494381
Ion Ratio	Lower	Upper	
196	100		
198	100.4	79.8	119.6
200	32.4	25.4	38.2



#44

2,4,5-Trichlorophenol

Concen: 46.429 ng

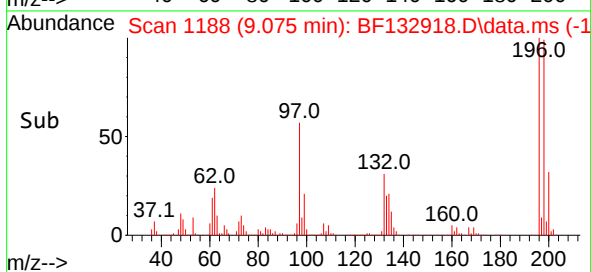
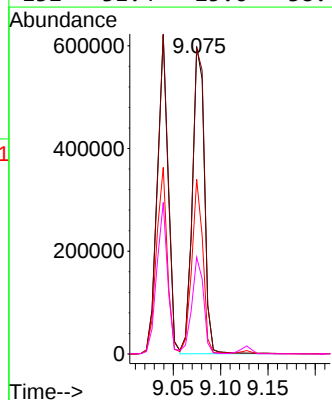
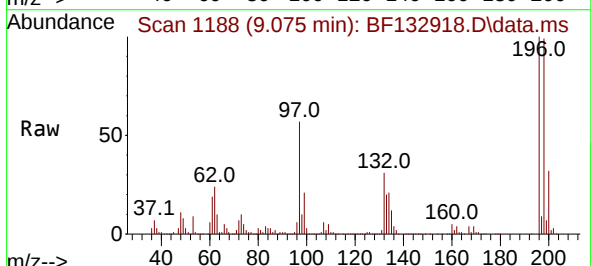
RT: 9.075 min Scan# 1188

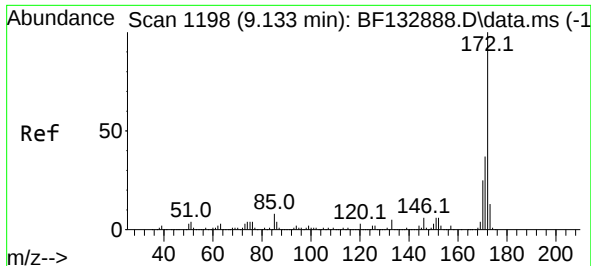
Delta R.T. 0.000 min

Lab File: BF132918.D

Acq: 19 Apr 2023 18:34

Tgt Ion:	196	Resp:	532769
Ion Ratio	Lower	Upper	
196	100		
198	99.3	80.2	120.2
97	56.8	45.0	67.6
132	31.4	25.6	38.4





#45

2-Fluorobiphenyl

Concen: 68.475 ng

RT: 9.128 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF132918.D

Acq: 19 Apr 2023 18:34

Instrument :

BNA_F

ClientSampleId :

SB-16-14-16-20230413MS

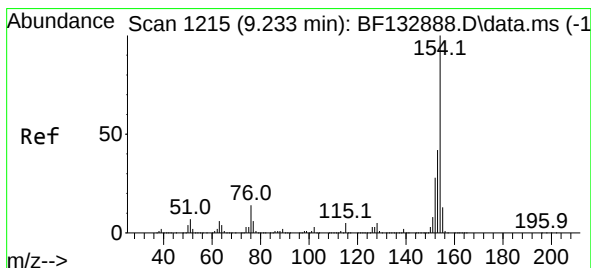
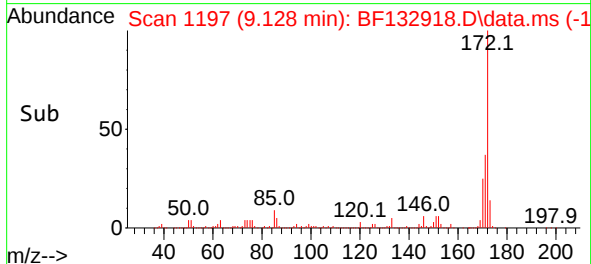
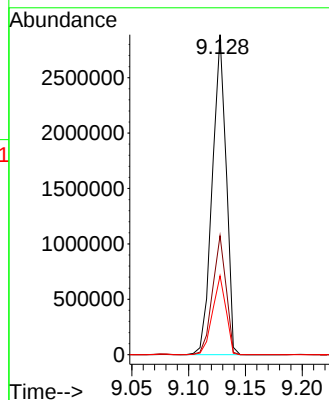
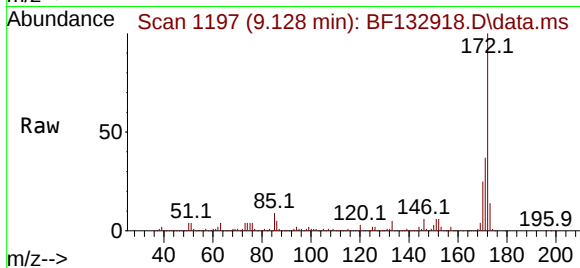
Tgt Ion:172 Resp: 2439571

Ion Ratio Lower Upper

172 100

171 37.2 29.4 44.0

170 24.7 20.1 30.1



#46

1,1'-Biphenyl

Concen: 45.178 ng

RT: 9.228 min Scan# 1214

Delta R.T. -0.006 min

Lab File: BF132918.D

Acq: 19 Apr 2023 18:34

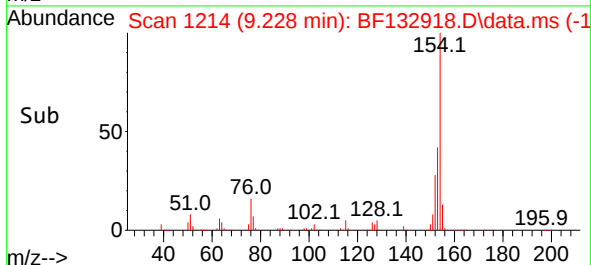
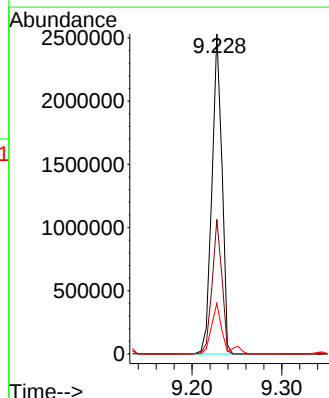
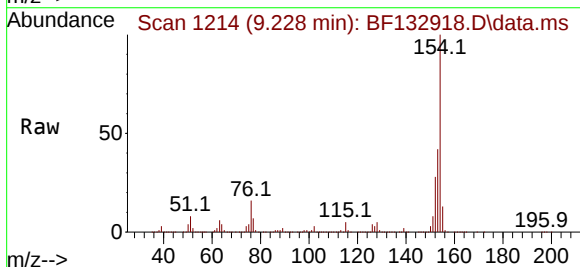
Tgt Ion:154 Resp: 1960189

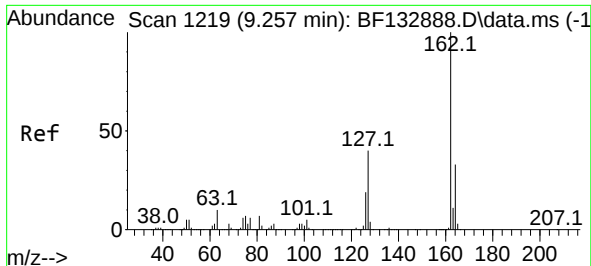
Ion Ratio Lower Upper

154 100

153 42.1 21.8 61.8

76 15.8 0.0 34.0





#47

2-Chloronaphthalene

Concen: 46.330 ng

RT: 9.251 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF132918.D

Acq: 19 Apr 2023 18:34

Instrument :

BNA_F

ClientSampleId :

SB-16-14-16-20230413MS

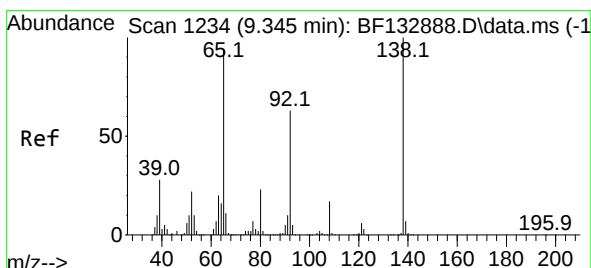
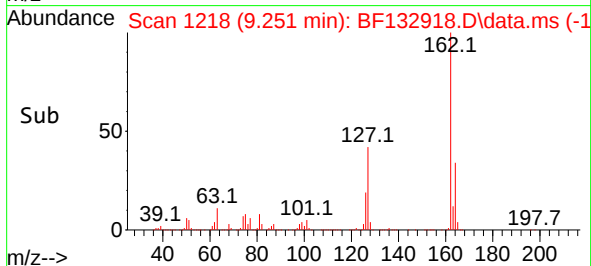
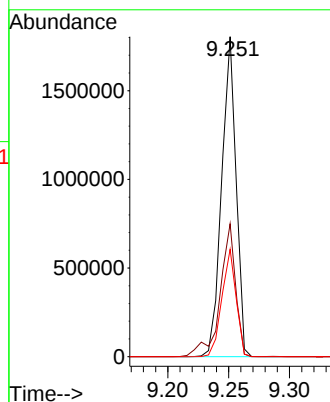
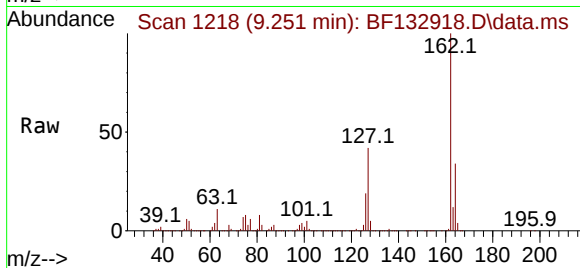
Tgt Ion:162 Resp: 1487526

Ion Ratio Lower Upper

162 100

127 41.5 32.2 48.2

164 33.5 26.5 39.7



#48

2-Nitroaniline

Concen: 54.835 ng

RT: 9.345 min Scan# 1234

Delta R.T. 0.000 min

Lab File: BF132918.D

Acq: 19 Apr 2023 18:34

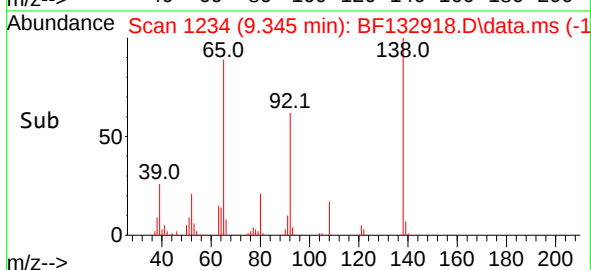
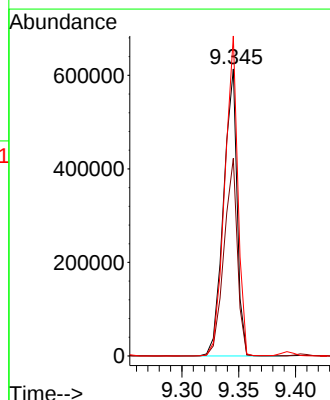
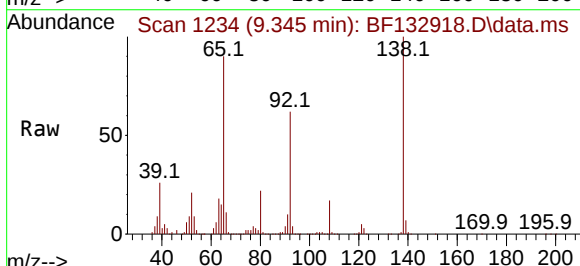
Tgt Ion: 65 Resp: 509334

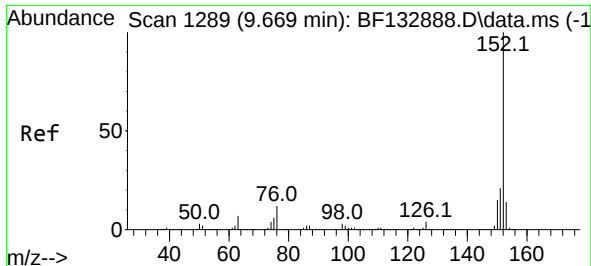
Ion Ratio Lower Upper

65 100

92 68.9 53.5 80.3

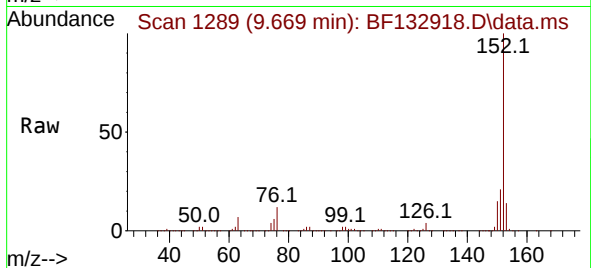
138 111.5 84.8 127.2



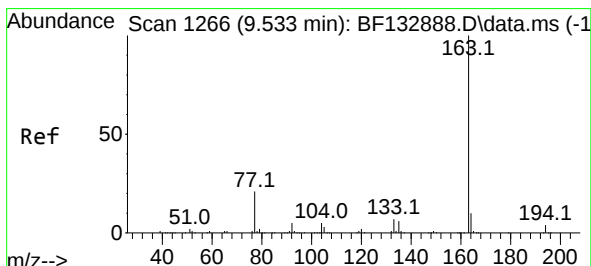
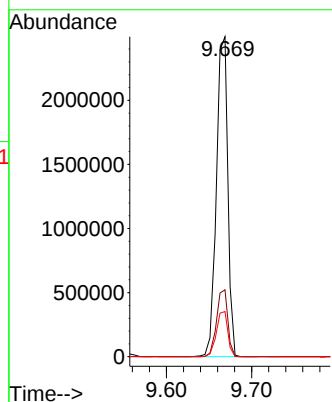
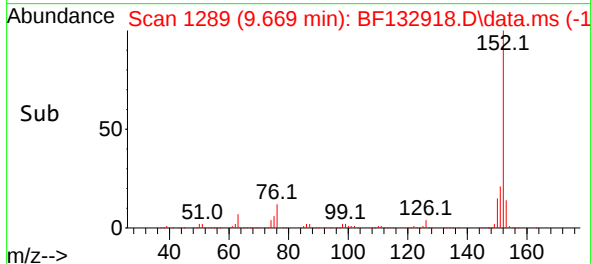


#49
Acenaphthylene
Concen: 45.355 ng
RT: 9.669 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BF132918.D
Acq: 19 Apr 2023 18:34

Instrument :
BNA_F
ClientSampleId :
SB-16-14-16-20230413MS

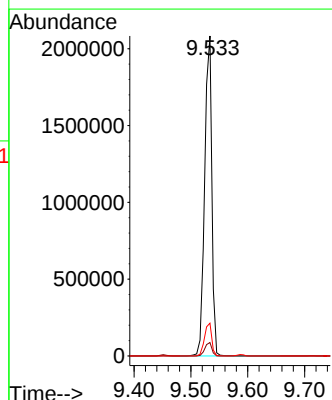
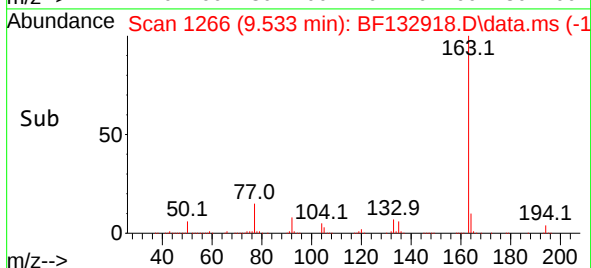
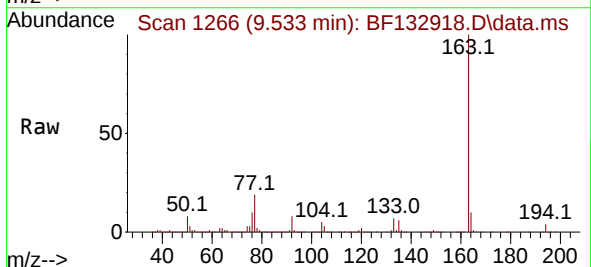


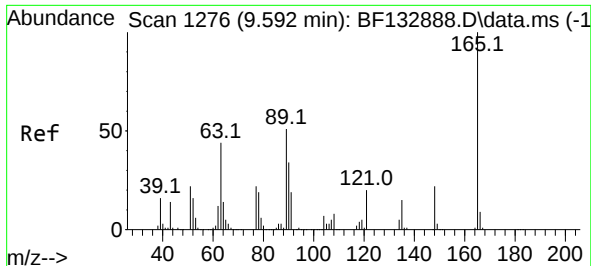
Tgt Ion:152 Resp: 2322634
Ion Ratio Lower Upper
152 100
151 20.9 16.4 24.6
153 14.1 11.4 17.0



#50
Dimethylphthalate
Concen: 48.039 ng
RT: 9.533 min Scan# 1266
Delta R.T. 0.000 min
Lab File: BF132918.D
Acq: 19 Apr 2023 18:34

Tgt Ion:163 Resp: 1817760
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.3 8.3 12.5





#51

2,6-Dinitrotoluene

Concen: 51.445 ng

RT: 9.586 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF132918.D

Acq: 19 Apr 2023 18:34

Instrument :

BNA_F

ClientSampleId :

SB-16-14-16-20230413MS

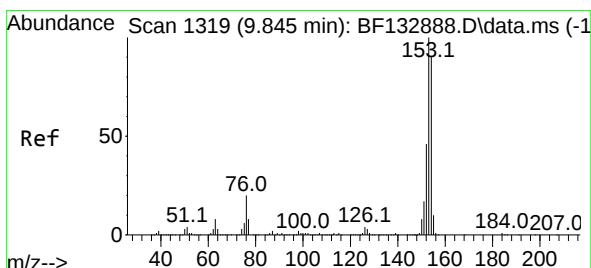
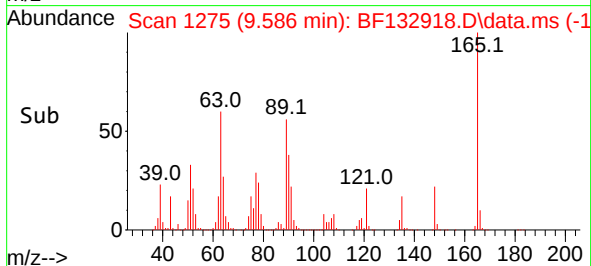
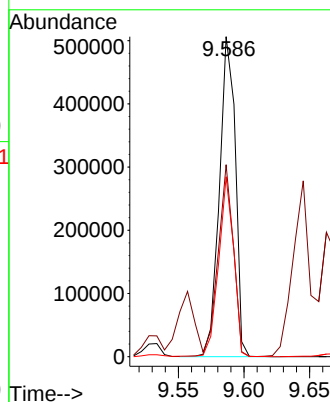
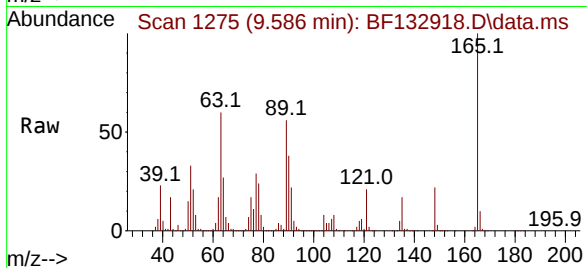
Tgt Ion:165 Resp: 426798

Ion Ratio Lower Upper

165 100

63 60.0 42.6 63.8

89 56.3 41.0 61.4



#52

Acenaphthene

Concen: 51.456 ng

RT: 9.839 min Scan# 1318

Delta R.T. -0.006 min

Lab File: BF132918.D

Acq: 19 Apr 2023 18:34

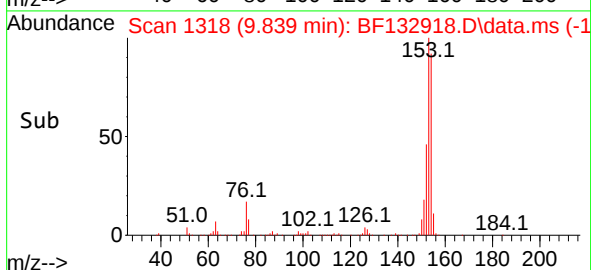
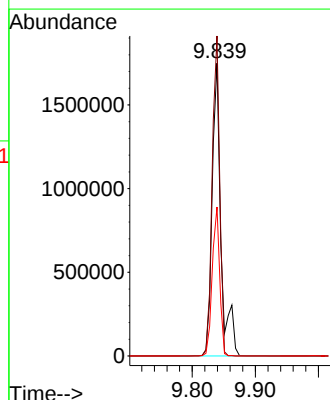
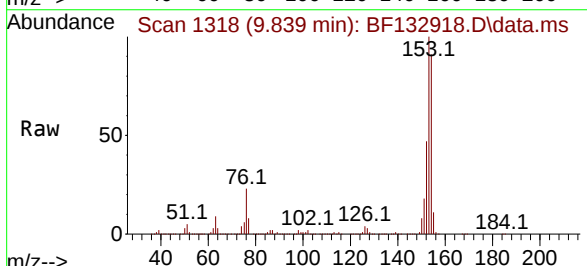
Tgt Ion:154 Resp: 1698043

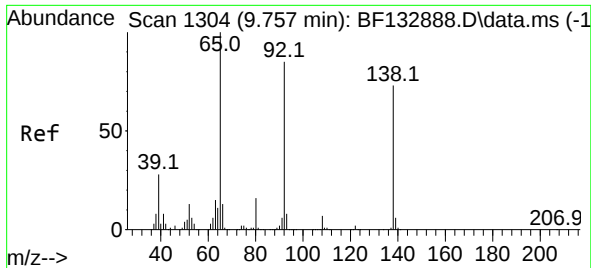
Ion Ratio Lower Upper

154 100

153 109.3 88.8 133.2

152 50.9 41.2 61.8

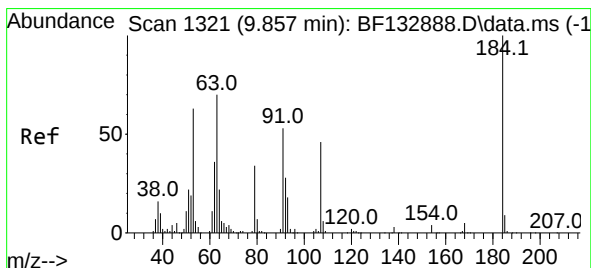
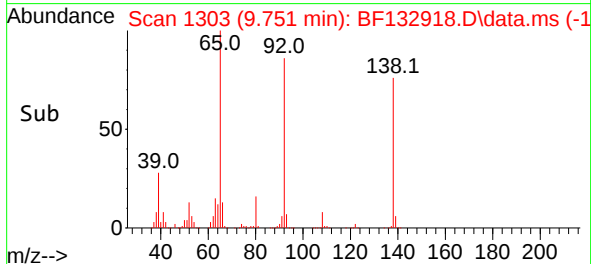
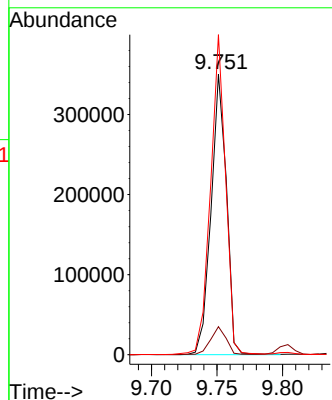
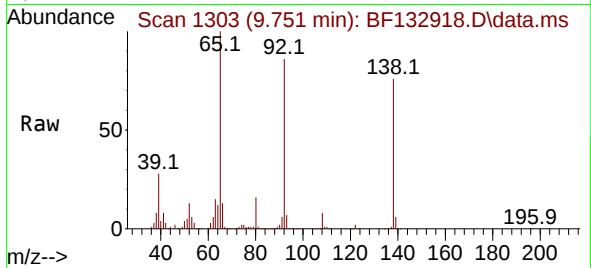




#53
3-Nitroaniline
Concen: 30.279 ng
RT: 9.751 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132918.D
Acq: 19 Apr 2023 18:34

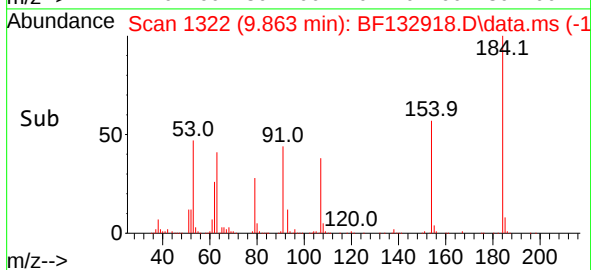
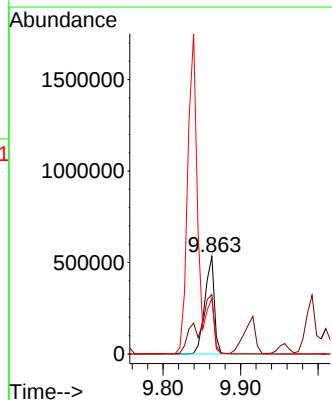
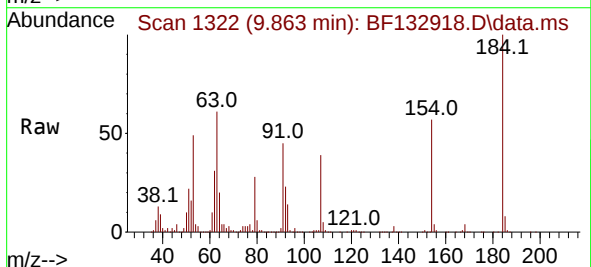
Instrument :
BNA_F
ClientSampleId :
SB-16-14-16-20230413MS

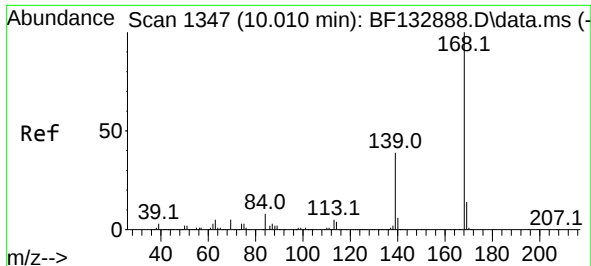
Tgt Ion:138 Resp: 285854
Ion Ratio Lower Upper
138 100
108 10.0 8.2 12.2
92 114.0 93.8 140.8



#54
2,4-Dinitrophenol
Concen: 140.675 ng
RT: 9.863 min Scan# 1322
Delta R.T. 0.006 min
Lab File: BF132918.D
Acq: 19 Apr 2023 18:34

Tgt Ion:184 Resp: 454631
Ion Ratio Lower Upper
184 100
63 60.8 62.7 94.1#
154 57.0 49.9 74.9

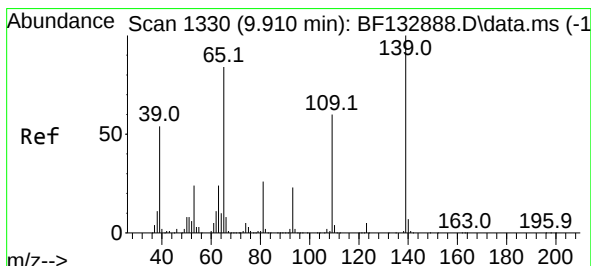
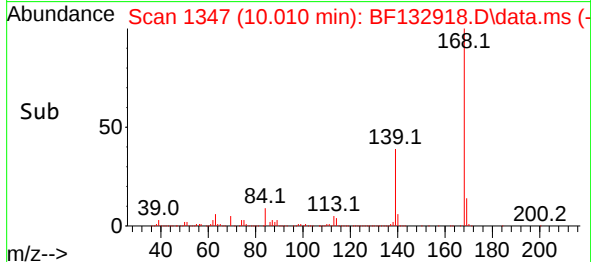
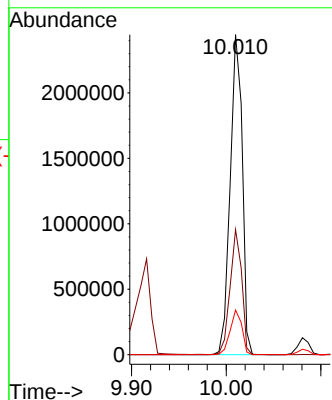
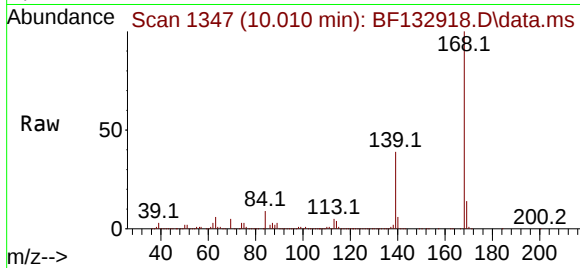




#55
Dibenzenofuran
Concen: 46.120 ng
RT: 10.010 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132918.D
Acq: 19 Apr 2023 18:34

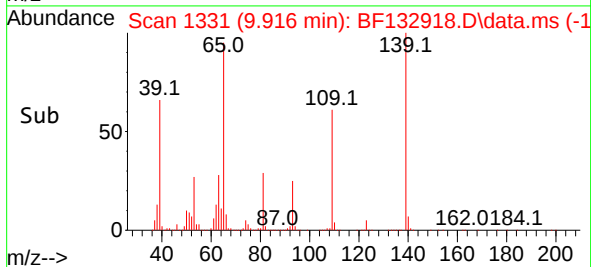
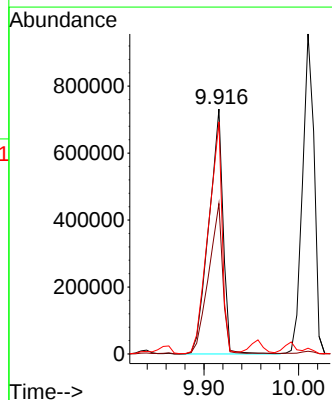
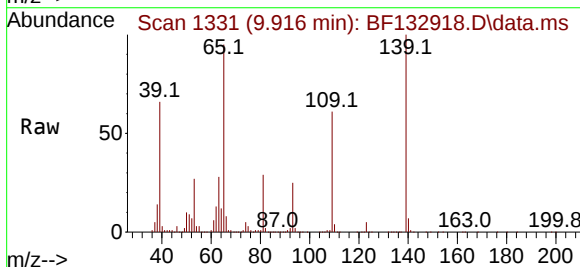
Instrument :
BNA_F
ClientSampleId :
SB-16-14-16-20230413MS

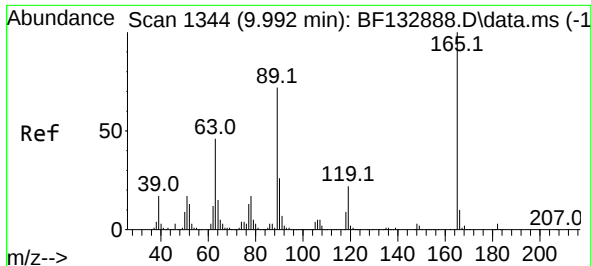
Tgt Ion:168 Resp: 2159325
Ion Ratio Lower Upper
168 100
139 39.1 31.4 47.0
169 14.0 11.2 16.8



#56
4-Nitrophenol
Concen: 109.017 ng
RT: 9.916 min Scan# 1331
Delta R.T. 0.006 min
Lab File: BF132918.D
Acq: 19 Apr 2023 18:34

Tgt Ion:139 Resp: 764519
Ion Ratio Lower Upper
139 100
109 61.4 40.4 80.4
65 94.8 64.2 104.2

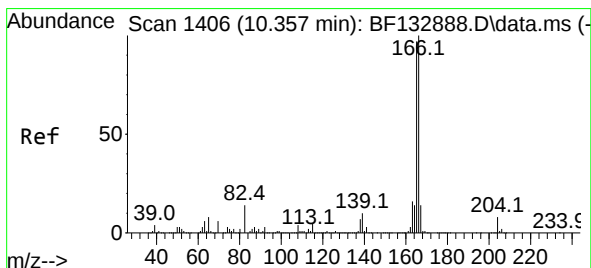
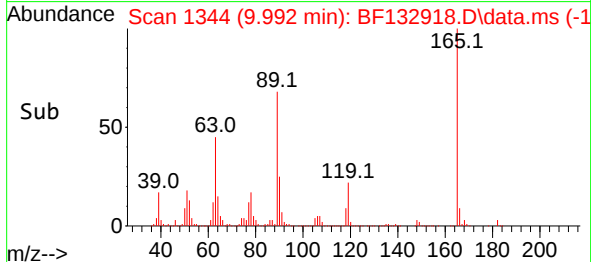
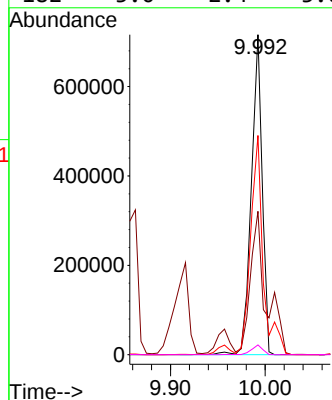
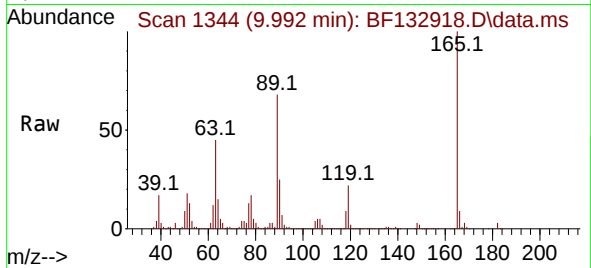




#57
2,4-Dinitrotoluene
Concen: 55.963 ng
RT: 9.992 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132918.D
Acq: 19 Apr 2023 18:34

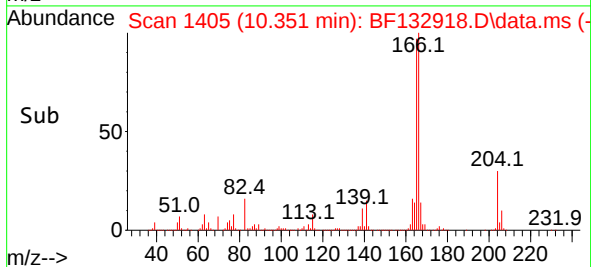
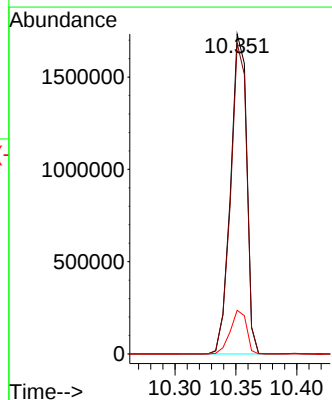
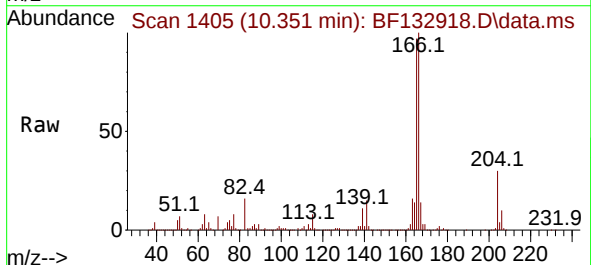
Instrument :
BNA_F
ClientSampleId :
SB-16-14-16-20230413MS

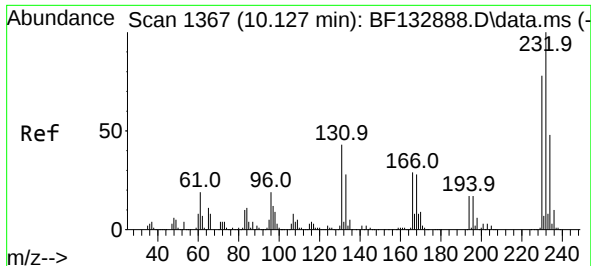
Tgt Ion:165 Resp: 573009
Ion Ratio Lower Upper
165 100
63 44.8 37.0 55.6
89 68.5 57.8 86.6
182 3.0 2.4 3.6



#58
Fluorene
Concen: 46.670 ng
RT: 10.351 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF132918.D
Acq: 19 Apr 2023 18:34

Tgt Ion:166 Resp: 1600633
Ion Ratio Lower Upper
166 100
165 97.1 78.0 117.0
167 13.6 11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 51.904 ng

RT: 10.128 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF132918.D

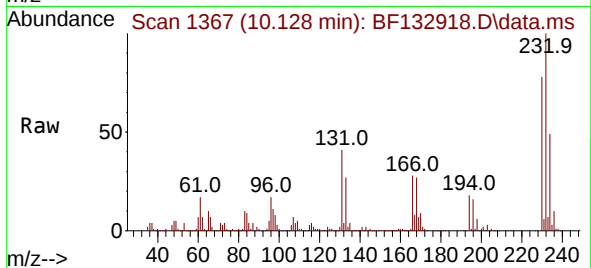
Acq: 19 Apr 2023 18:34

Instrument :

BNA_F

ClientSampleId :

SB-16-14-16-20230413MS



Tgt Ion:232 Resp: 462244

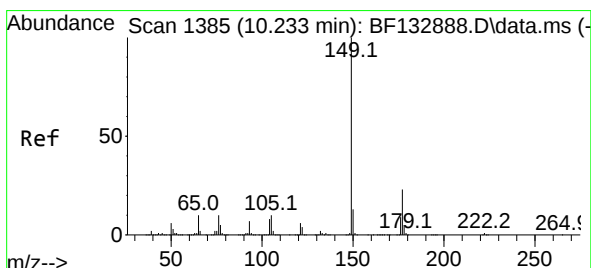
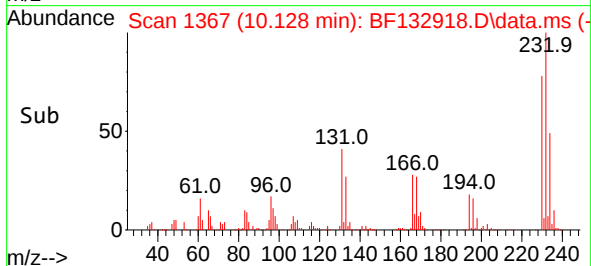
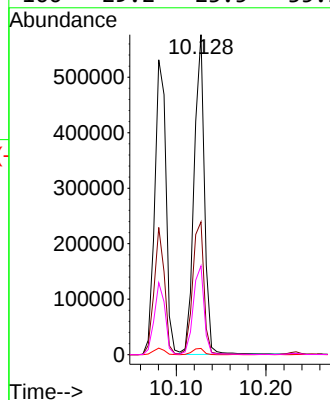
Ion Ratio Lower Upper

232 100

131 45.2 35.9 53.9

130 2.2 1.8 2.8

166 29.2 23.5 35.3



#60

Diethylphthalate

Concen: 50.006 ng

RT: 10.233 min Scan# 1385

Delta R.T. 0.000 min

Lab File: BF132918.D

Acq: 19 Apr 2023 18:34

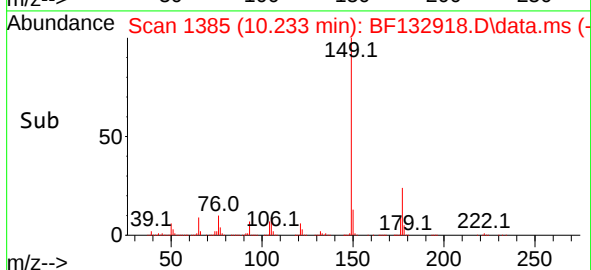
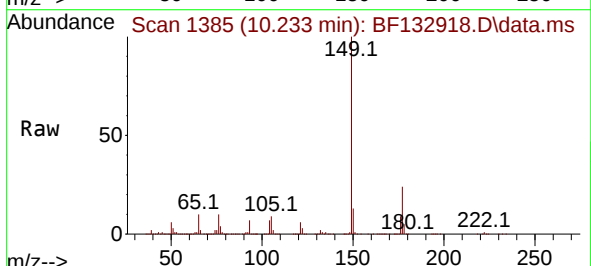
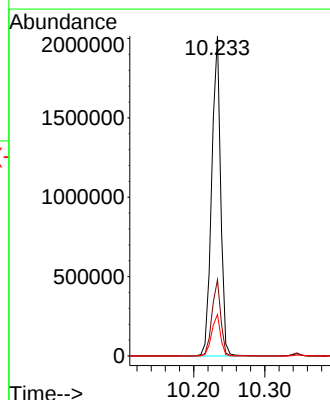
Tgt Ion:149 Resp: 1768144

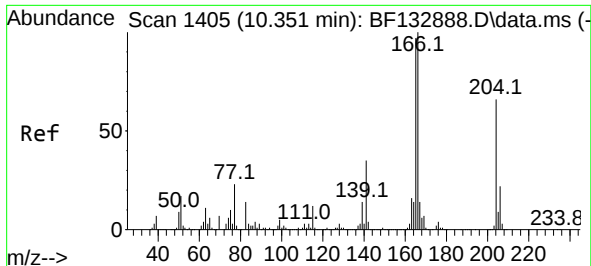
Ion Ratio Lower Upper

149 100

177 23.8 18.5 27.7

150 12.9 10.3 15.5

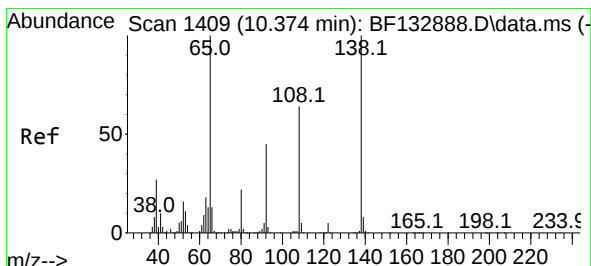
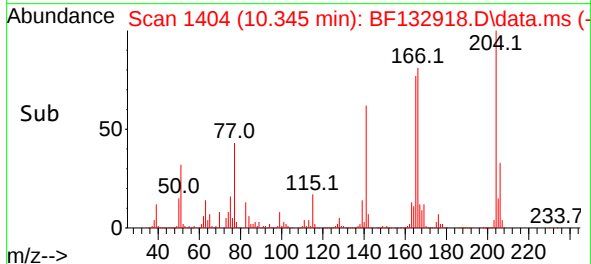
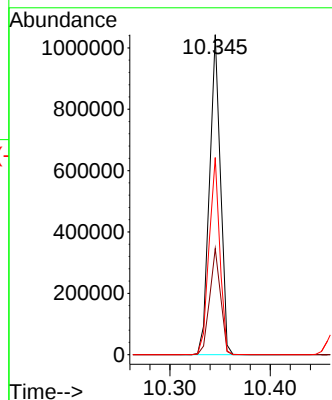
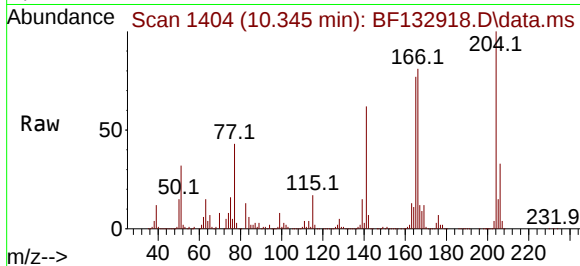




#61
4-Chlorophenyl-phenylether
Concen: 45.637 ng
RT: 10.345 min Scan# 1404
Delta R.T. -0.006 min
Lab File: BF132918.D
Acq: 19 Apr 2023 18:34

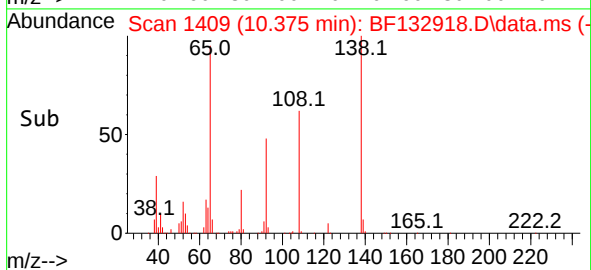
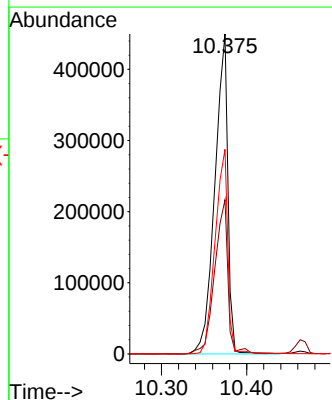
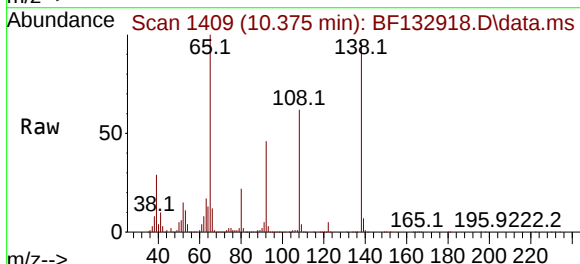
Instrument :
BNA_F
ClientSampleId :
SB-16-14-16-20230413MS

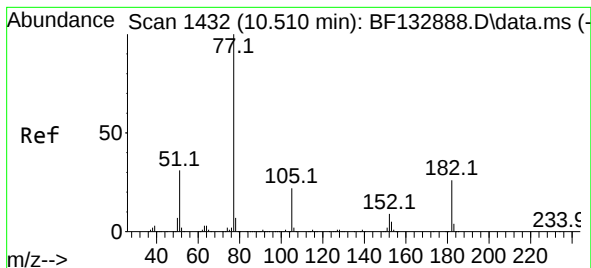
Tgt Ion:204 Resp: 796124
Ion Ratio Lower Upper
204 100
206 33.2 26.6 40.0
141 61.6 43.1 64.7



#62
4-Nitroaniline
Concen: 52.607 ng
RT: 10.375 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF132918.D
Acq: 19 Apr 2023 18:34

Tgt Ion:138 Resp: 477358
Ion Ratio Lower Upper
138 100
92 48.2 25.0 65.0
108 64.0 44.2 84.2





#63

Azobenzene

Concen: 49.589 ng

RT: 10.504 min Scan# 1431

Delta R.T. -0.006 min

Lab File: BF132918.D

Acq: 19 Apr 2023 18:34

Instrument :

BNA_F

ClientSampleId :

SB-16-14-16-20230413MS

Tgt Ion: 77 Resp: 1958622

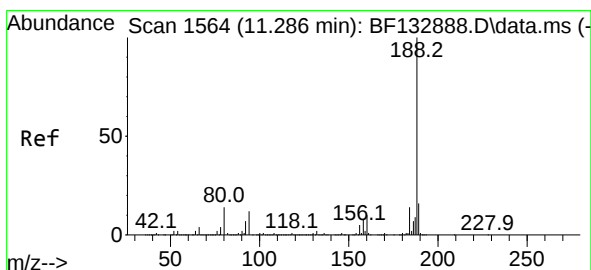
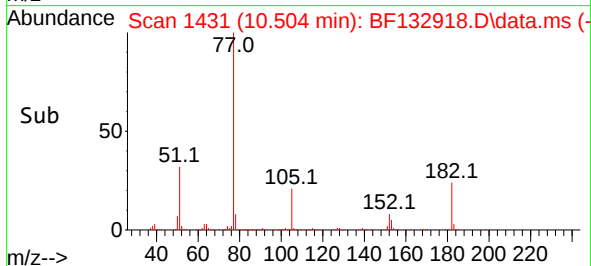
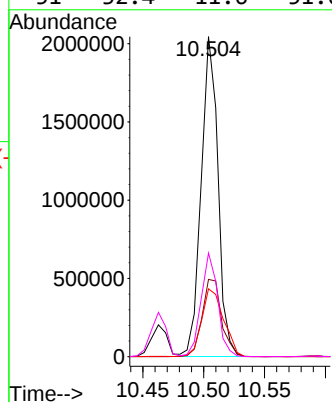
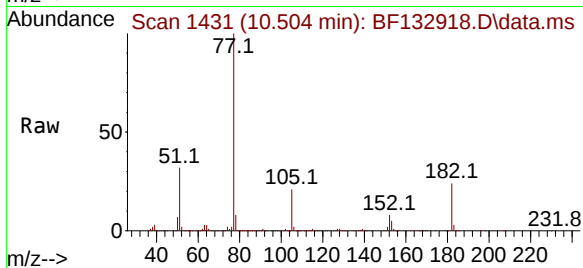
Ion Ratio Lower Upper

77 100

182 24.1 6.0 46.0

105 21.2 1.6 41.6

51 32.4 11.6 51.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.286 min Scan# 1564

Delta R.T. 0.000 min

Lab File: BF132918.D

Acq: 19 Apr 2023 18:34

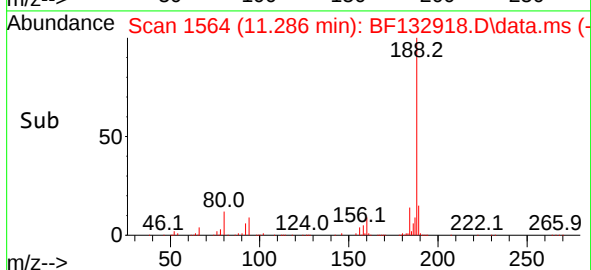
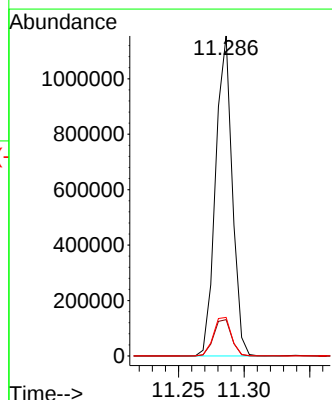
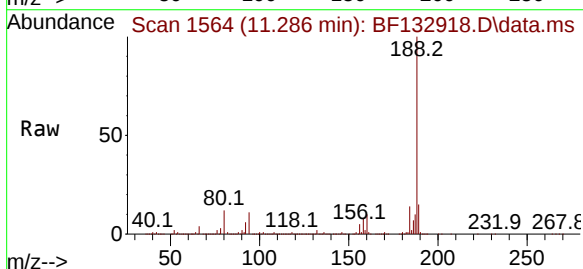
Tgt Ion:188 Resp: 1016951

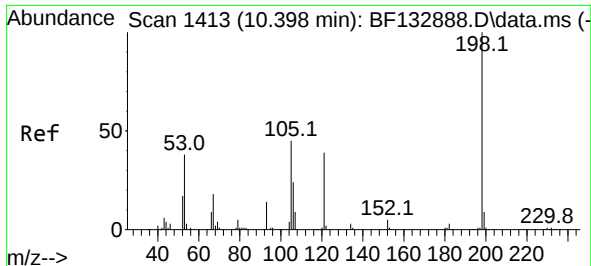
Ion Ratio Lower Upper

188 100

94 11.4 9.9 14.9

80 12.1 10.8 16.2

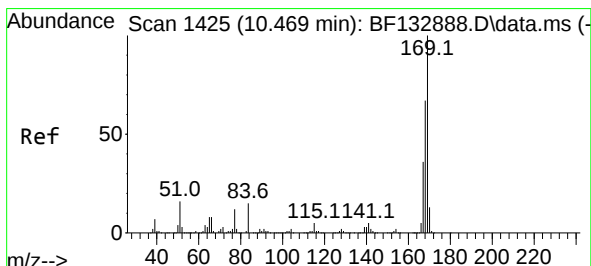
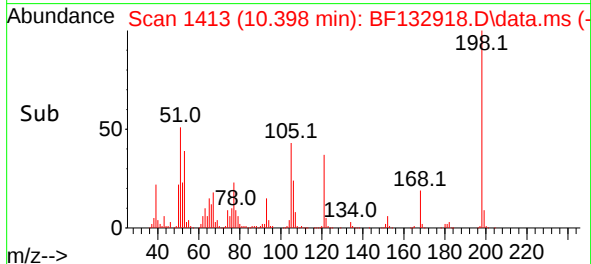
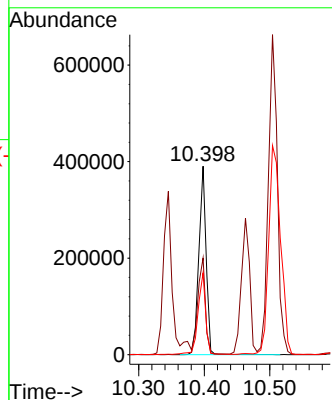
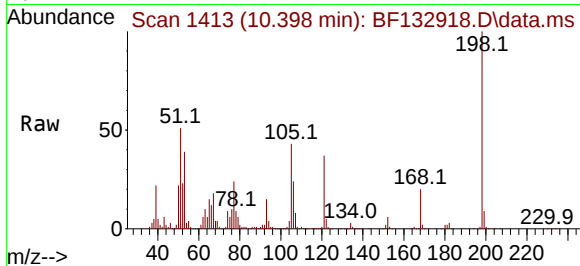




#65
4,6-Dinitro-2-methylphenol
Concen: 62.354 ng
RT: 10.398 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF132918.D
Acq: 19 Apr 2023 18:34

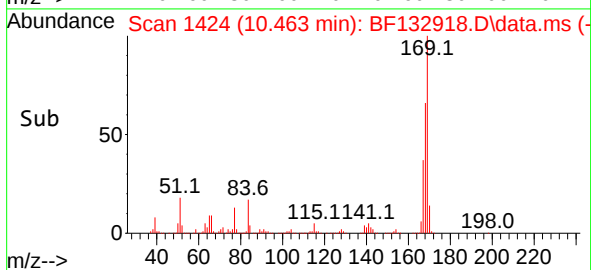
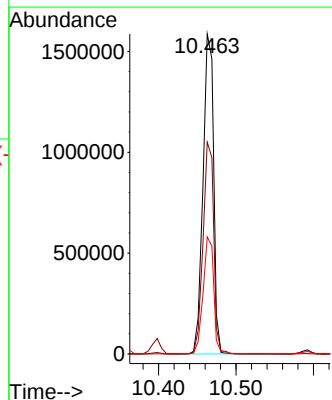
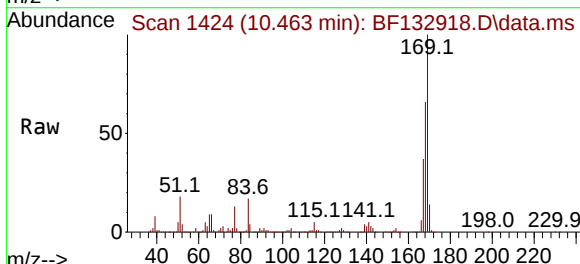
Instrument :
BNA_F
ClientSampleId :
SB-16-14-16-20230413MS

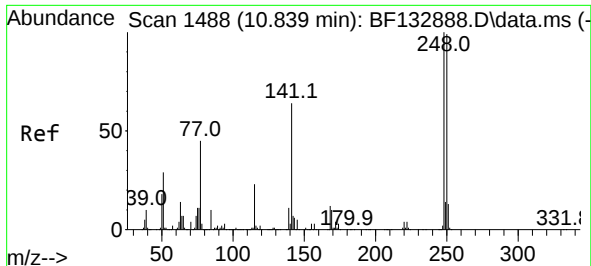
Tgt Ion:198 Resp: 303682
Ion Ratio Lower Upper
198 100
51 51.3 34.6 74.6
105 43.5 25.6 65.6



#66
n-Nitrosodiphenylamine
Concen: 45.395 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF132918.D
Acq: 19 Apr 2023 18:34

Tgt Ion:169 Resp: 1503511
Ion Ratio Lower Upper
169 100
168 66.2 53.4 80.0
167 36.6 29.0 43.6

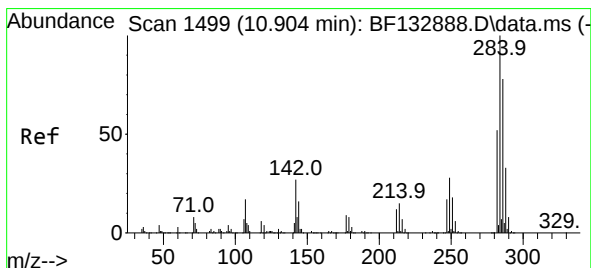
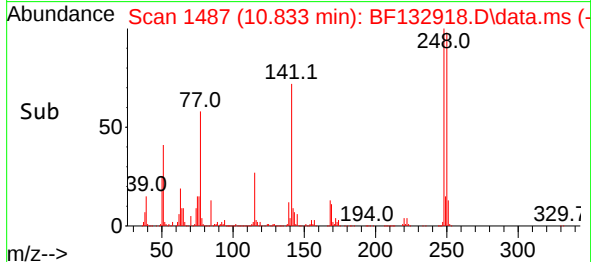
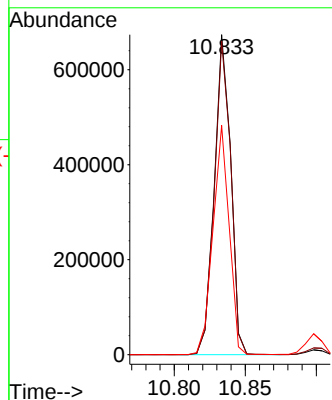
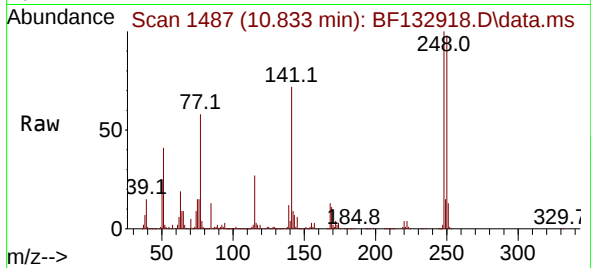




#67
4-Bromophenyl-phenylether
Concen: 46.569 ng
RT: 10.833 min Scan# 1487
Delta R.T. -0.006 min
Lab File: BF132918.D
Acq: 19 Apr 2023 18:34

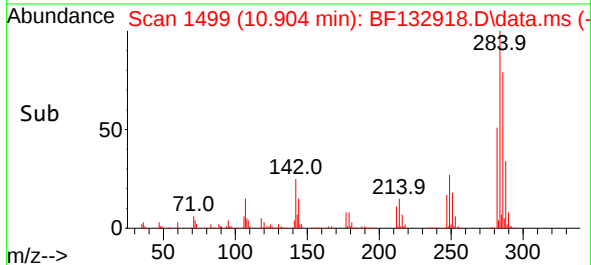
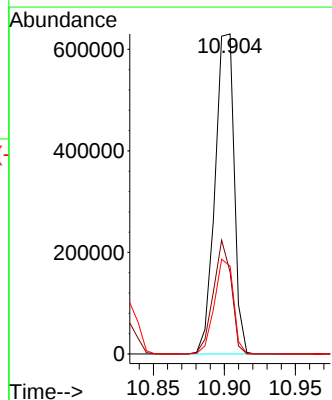
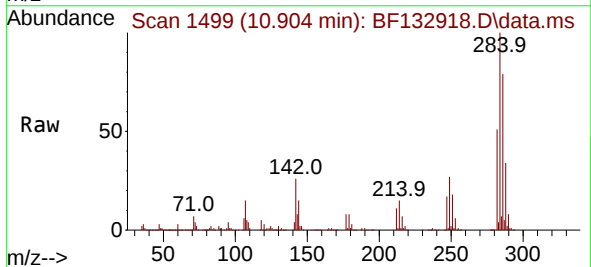
Instrument :
BNA_F
ClientSampleId :
SB-16-14-16-20230413MS

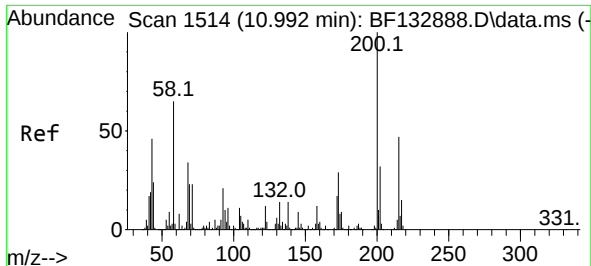
Tgt Ion:248 Resp: 540789
Ion Ratio Lower Upper
248 100
250 98.0 79.1 118.7
141 71.7 51.0 76.6



#68
Hexachlorobenzene
Concen: 48.940 ng
RT: 10.904 min Scan# 1499
Delta R.T. -0.000 min
Lab File: BF132918.D
Acq: 19 Apr 2023 18:34

Tgt Ion:284 Resp: 589616
Ion Ratio Lower Upper
284 100
142 25.6 22.0 33.0
249 27.4 22.6 34.0

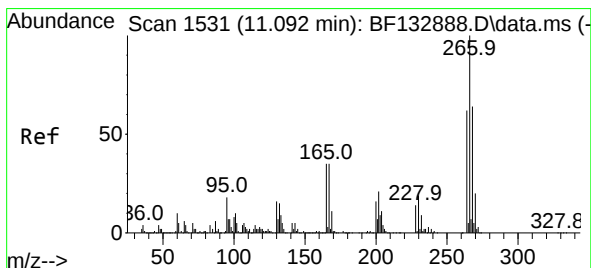
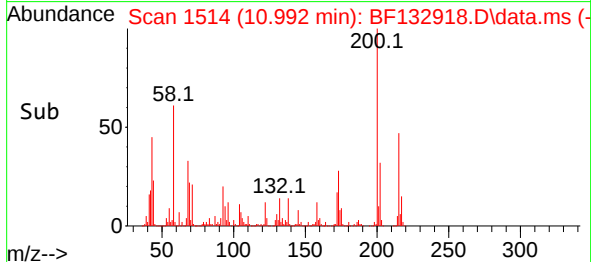
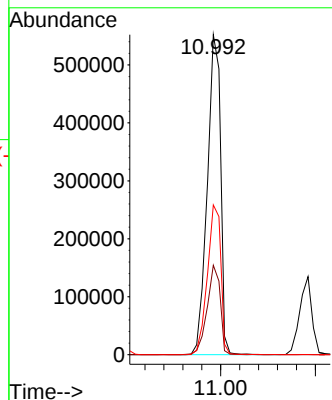
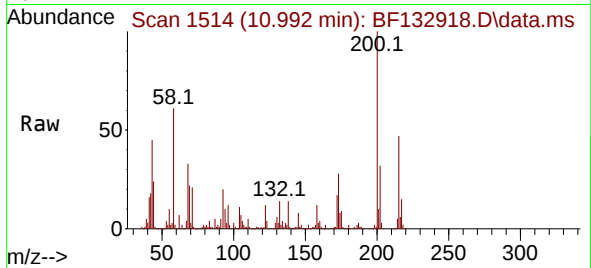




#69
Atrazine
Concen: 57.971 ng
RT: 10.992 min Scan# 1514
Delta R.T. 0.000 min
Lab File: BF132918.D
Acq: 19 Apr 2023 18:34

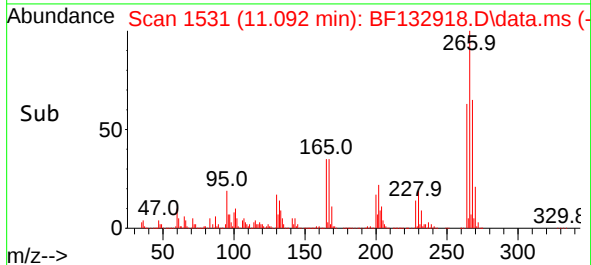
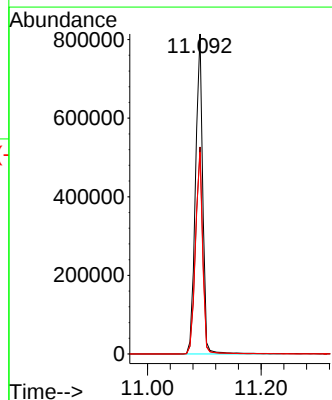
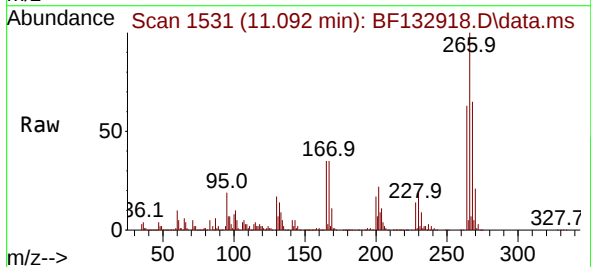
Instrument :
BNA_F
ClientSampleId :
SB-16-14-16-20230413MS

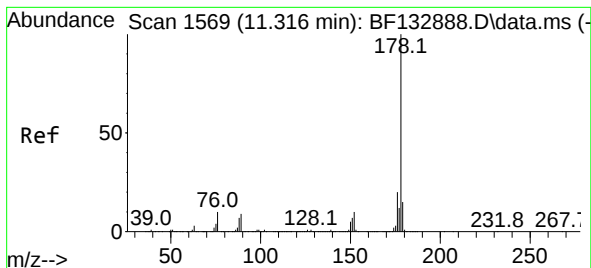
Tgt Ion:200 Resp: 536662
Ion Ratio Lower Upper
200 100
173 28.0 8.7 48.7
215 46.8 27.2 67.2



#70
Pentachlorophenol
Concen: 93.514 ng
RT: 11.092 min Scan# 1531
Delta R.T. 0.000 min
Lab File: BF132918.D
Acq: 19 Apr 2023 18:34

Tgt Ion:266 Resp: 727009
Ion Ratio Lower Upper
266 100
268 64.7 50.9 76.3
264 63.0 49.8 74.6





#71

Phenanthrene

Concen: 45.738 ng

RT: 11.310 min Scan# 1568

Delta R.T. -0.006 min

Lab File: BF132918.D

Acq: 19 Apr 2023 18:34

Instrument :

BNA_F

ClientSampleId :

SB-16-14-16-20230413MS

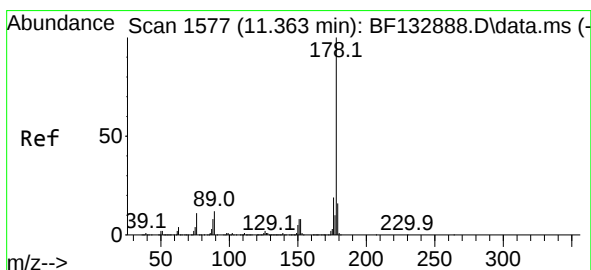
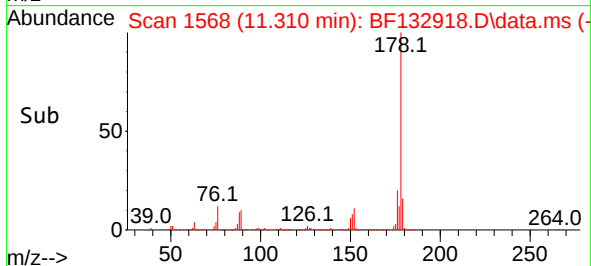
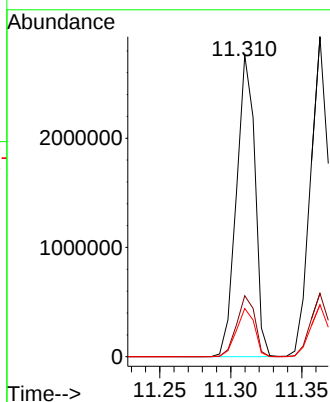
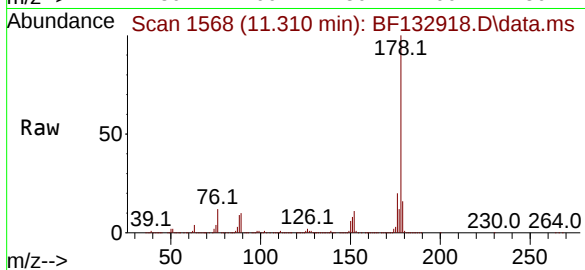
Tgt Ion:178 Resp: 2501933

Ion Ratio Lower Upper

178 100

176 20.2 15.9 23.9

179 16.0 12.3 18.5



#72

Anthracene

Concen: 45.339 ng

RT: 11.363 min Scan# 1577

Delta R.T. 0.000 min

Lab File: BF132918.D

Acq: 19 Apr 2023 18:34

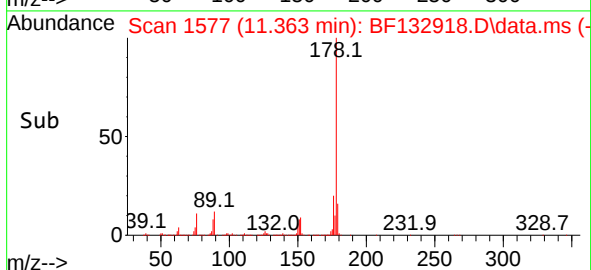
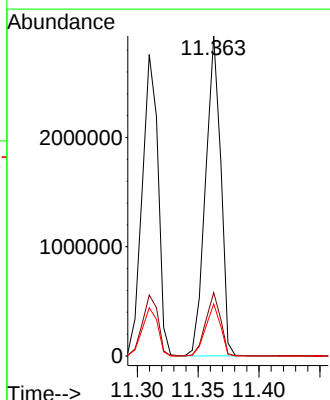
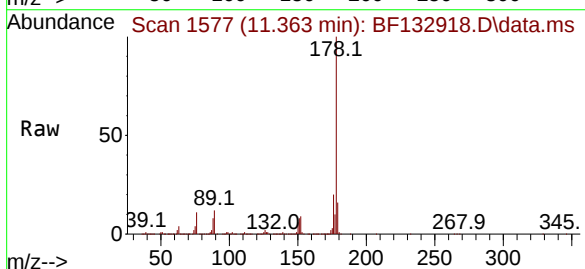
Tgt Ion:178 Resp: 2538810

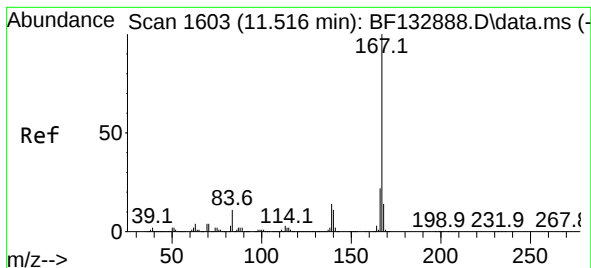
Ion Ratio Lower Upper

178 100

176 19.8 15.5 23.3

179 16.2 12.8 19.2





#73

Carbazole

Concen: 47.153 ng

RT: 11.516 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF132918.D

Acq: 19 Apr 2023 18:34

Instrument :

BNA_F

ClientSampleId :

SB-16-14-16-20230413MS

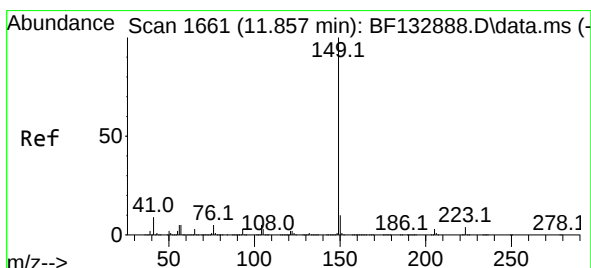
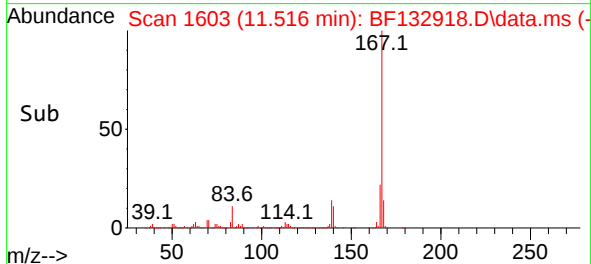
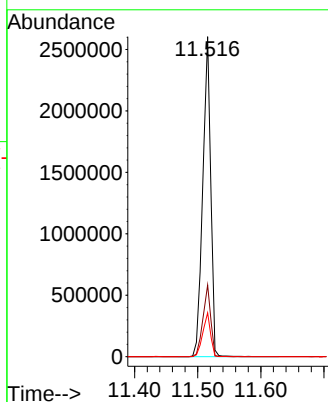
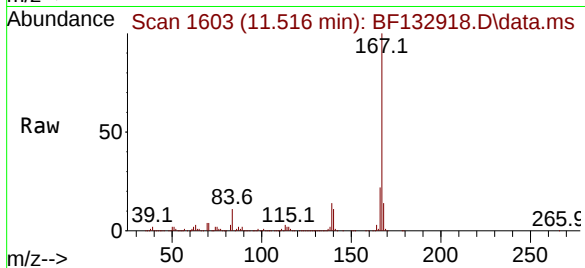
Tgt Ion:167 Resp: 2284627

Ion Ratio Lower Upper

167 100

166 22.4 17.4 26.2

139 13.7 11.0 16.4



#74

Di-n-butylphthalate

Concen: 54.330 ng

RT: 11.857 min Scan# 1661

Delta R.T. 0.000 min

Lab File: BF132918.D

Acq: 19 Apr 2023 18:34

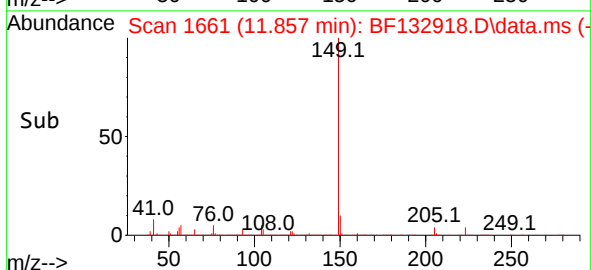
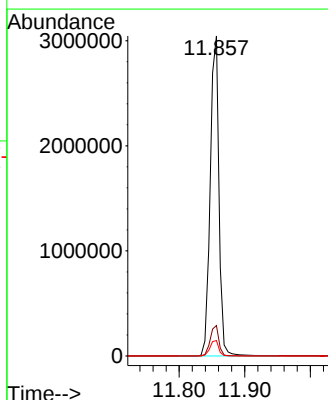
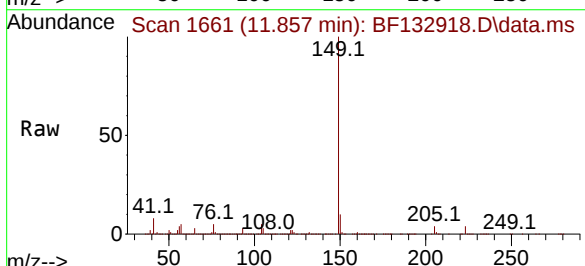
Tgt Ion:149 Resp: 2821915

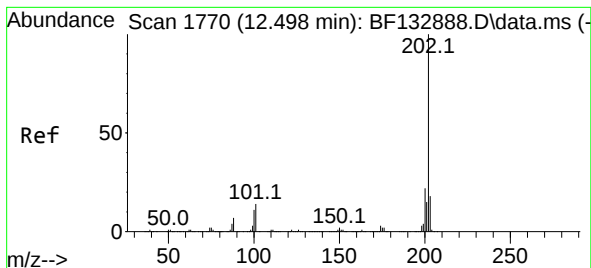
Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

104 4.8 4.2 6.2





#75

Fluoranthene

Concen: 46.719 ng

RT: 12.498 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF132918.D

Acq: 19 Apr 2023 18:34

Instrument :

BNA_F

ClientSampleId :

SB-16-14-16-20230413MS

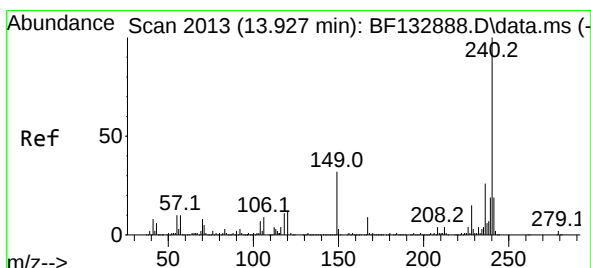
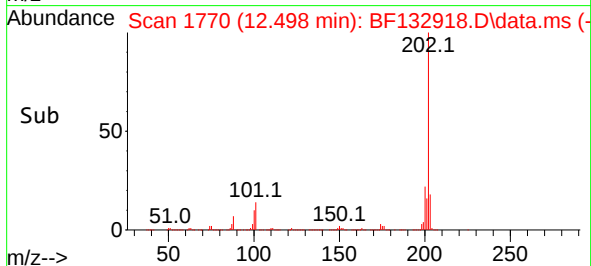
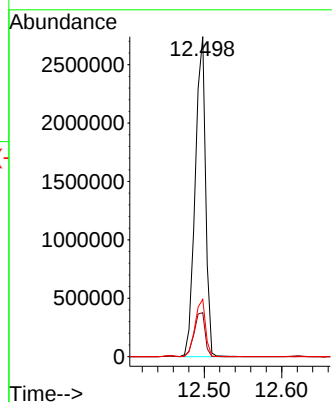
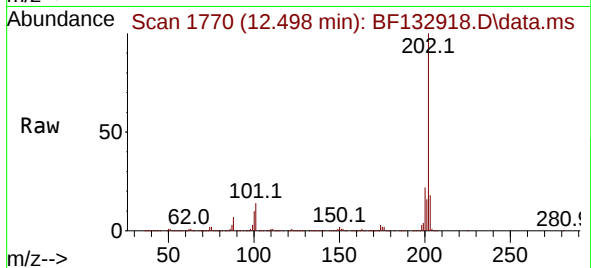
Tgt Ion:202 Resp: 2541389

Ion Ratio Lower Upper

202 100

101 13.7 0.0 34.5

203 18.0 0.0 38.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.921 min Scan# 2012

Delta R.T. -0.006 min

Lab File: BF132918.D

Acq: 19 Apr 2023 18:34

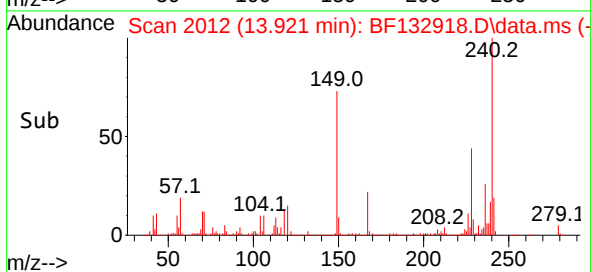
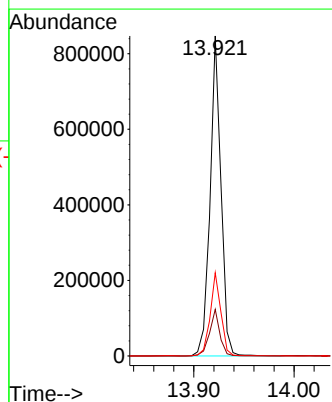
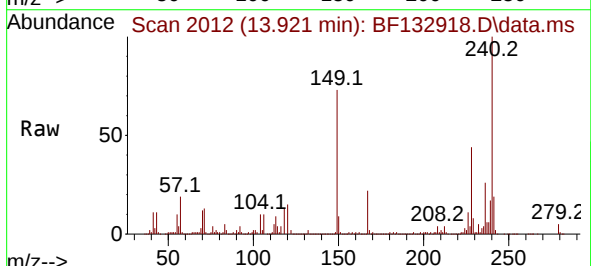
Tgt Ion:240 Resp: 642320

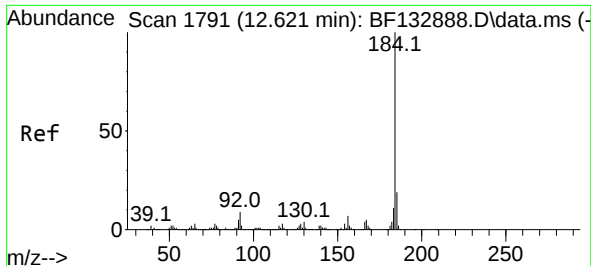
Ion Ratio Lower Upper

240 100

120 14.5 10.0 15.0

236 26.0 20.8 31.2

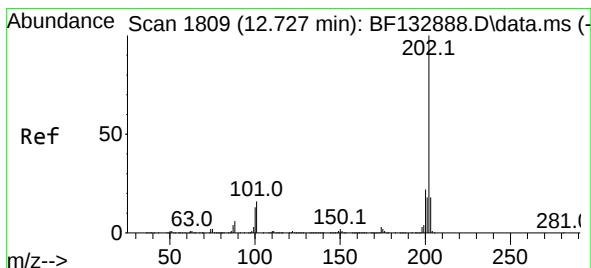
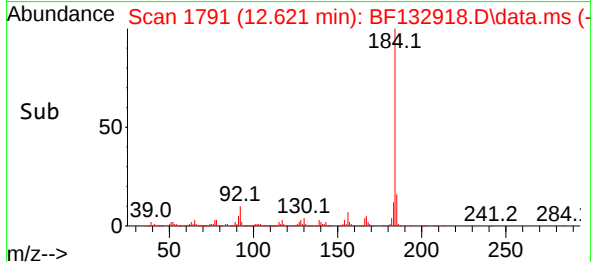
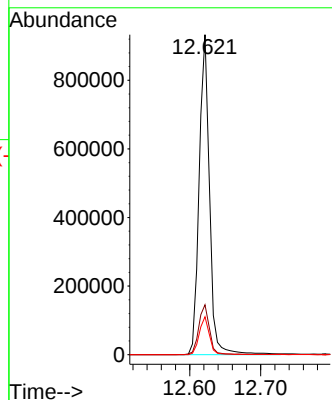
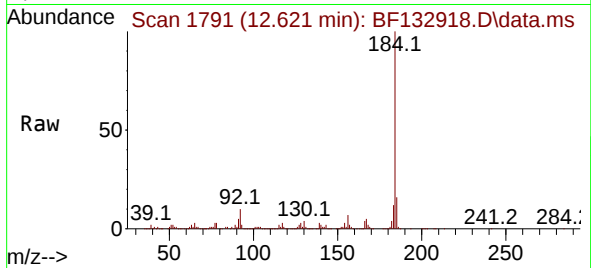




#77
Benzidine
Concen: 94.826 ng
RT: 12.621 min Scan# 1791
Delta R.T. 0.000 min
Lab File: BF132918.D
Acq: 19 Apr 2023 18:34

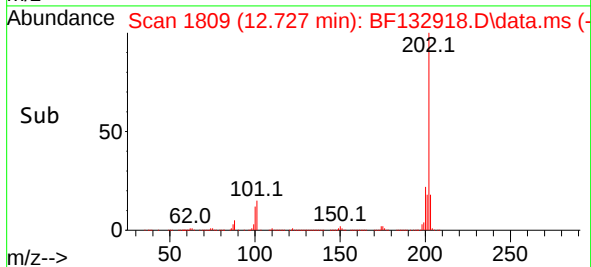
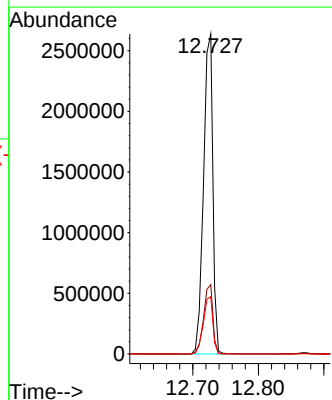
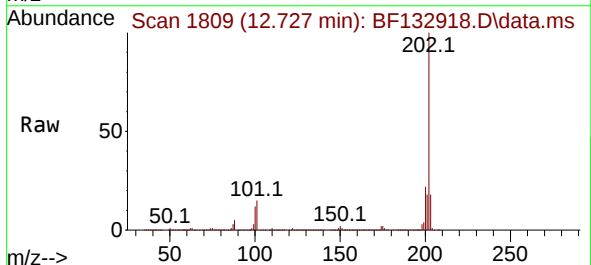
Instrument :
BNA_F
ClientSampleId :
SB-16-14-16-20230413MS

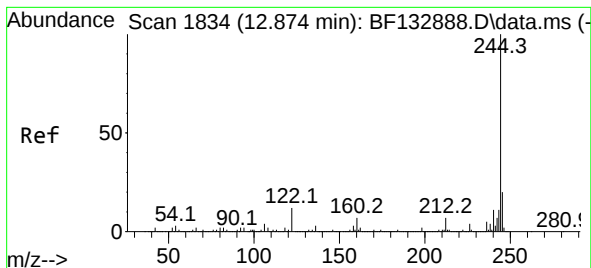
Tgt Ion:184 Resp: 948810
Ion Ratio Lower Upper
184 100
185 15.6 14.9 22.3
183 11.9 9.0 13.6



#78
Pyrene
Concen: 49.681 ng
RT: 12.727 min Scan# 1809
Delta R.T. 0.000 min
Lab File: BF132918.D
Acq: 19 Apr 2023 18:34

Tgt Ion:202 Resp: 2609317
Ion Ratio Lower Upper
202 100
200 21.6 17.6 26.4
203 17.9 14.6 22.0





#79

Terphenyl-d14

Concen: 82.534 ng

RT: 12.874 min Scan# 1834

Delta R.T. 0.000 min

Lab File: BF132918.D

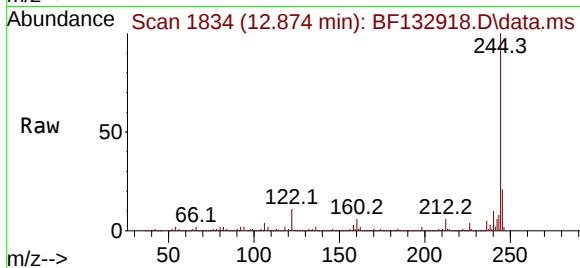
Acq: 19 Apr 2023 18:34

Instrument :

BNA_F

ClientSampleId :

SB-16-14-16-20230413MS



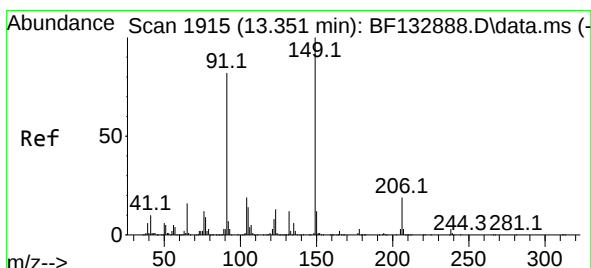
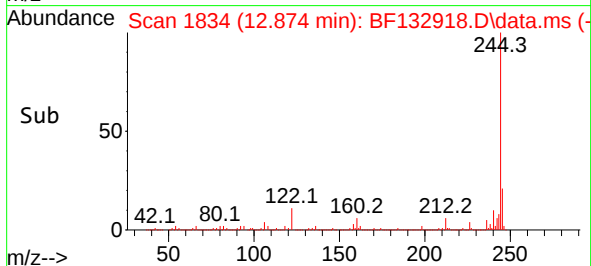
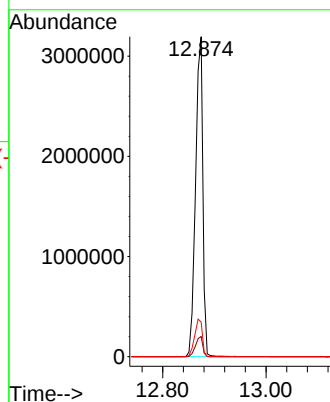
Tgt Ion:244 Resp: 3107306

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.0

122 10.8 9.6 14.4



#80

Butylbenzylphthalate

Concen: 70.505 ng

RT: 13.351 min Scan# 1915

Delta R.T. -0.000 min

Lab File: BF132918.D

Acq: 19 Apr 2023 18:34

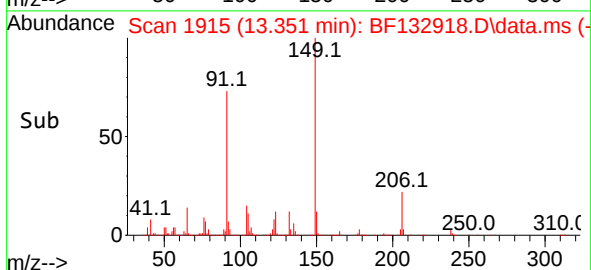
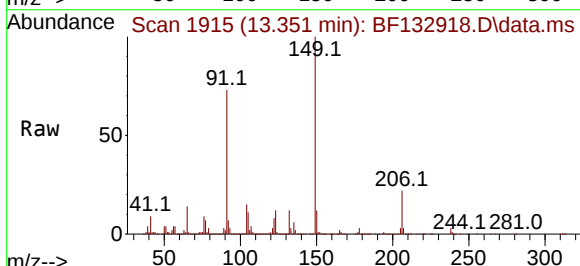
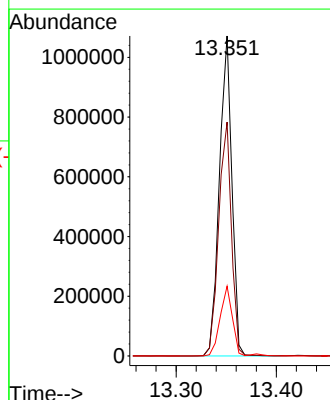
Tgt Ion:149 Resp: 927780

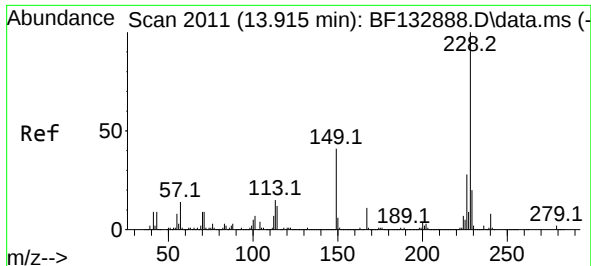
Ion Ratio Lower Upper

149 100

91 73.1 65.4 98.0

206 21.8 15.6 23.4

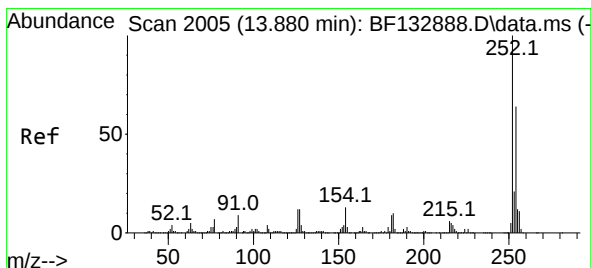
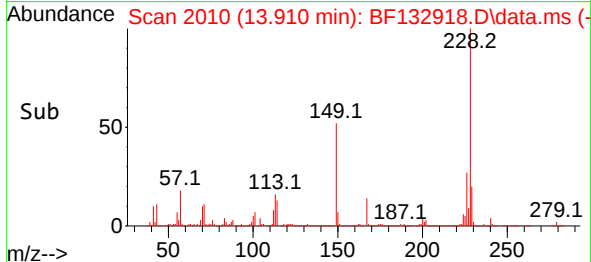
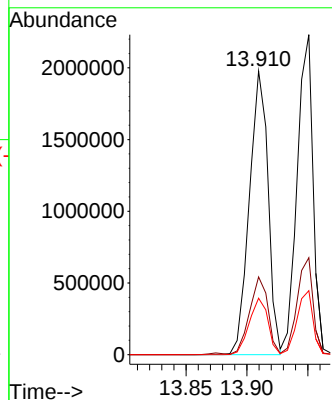
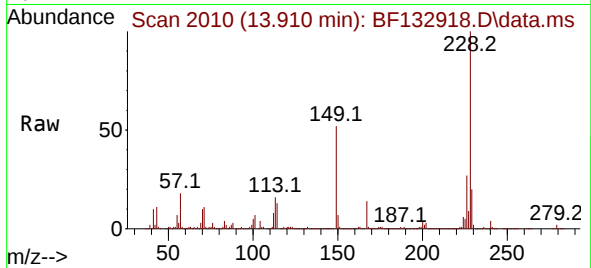




#81
Benzo(a)anthracene
Concen: 48.359 ng
RT: 13.910 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF132918.D
Acq: 19 Apr 2023 18:34

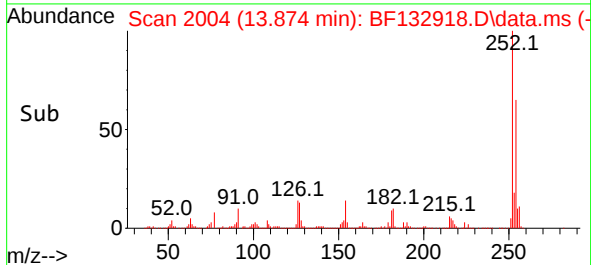
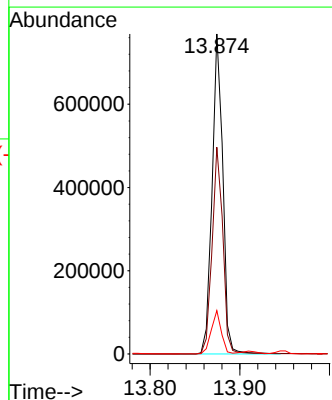
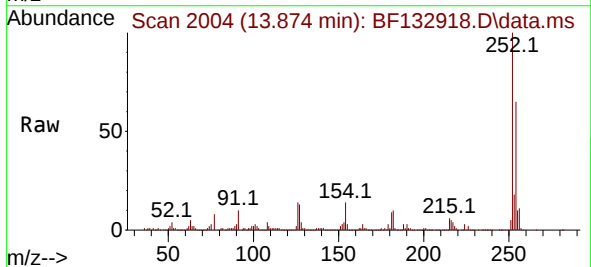
Instrument :
BNA_F
ClientSampleId :
SB-16-14-16-20230413MS

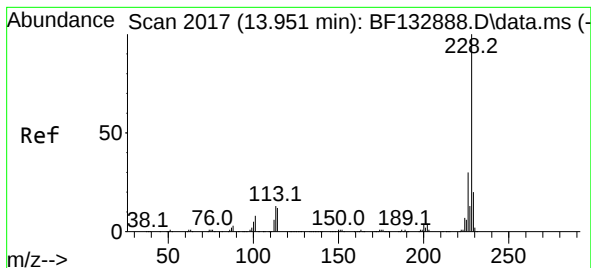
Tgt Ion:228 Resp: 2112462
Ion Ratio Lower Upper
228 100
226 27.4 22.4 33.6
229 19.9 16.2 24.2



#82
3,3'-Dichlorobenzidine
Concen: 60.129 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BF132918.D
Acq: 19 Apr 2023 18:34

Tgt Ion:252 Resp: 635360
Ion Ratio Lower Upper
252 100
254 64.6 51.0 76.6
126 13.6 9.8 14.6





#83

Chrysene

Concen: 47.088 ng

RT: 13.951 min Scan# 2011

Delta R.T. 0.000 min

Lab File: BF132918.D

Acq: 19 Apr 2023 18:34

Instrument :

BNA_F

ClientSampleId :

SB-16-14-16-20230413MS

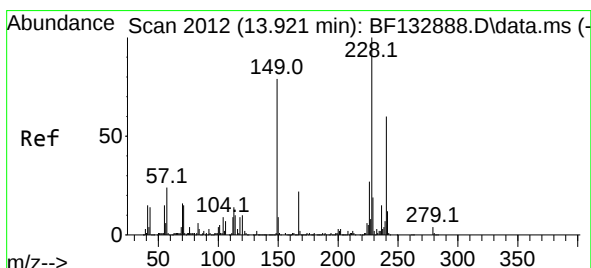
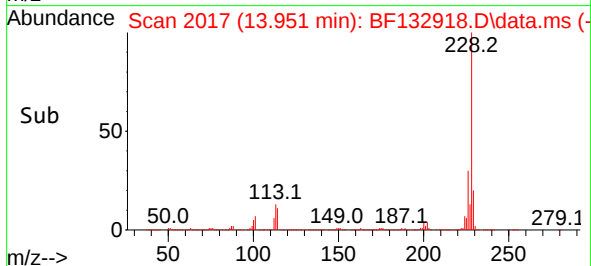
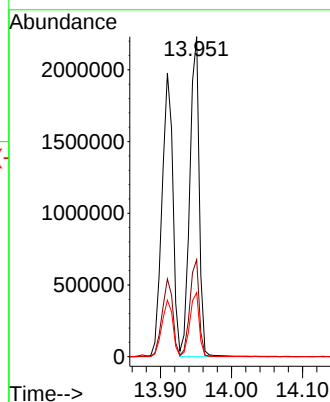
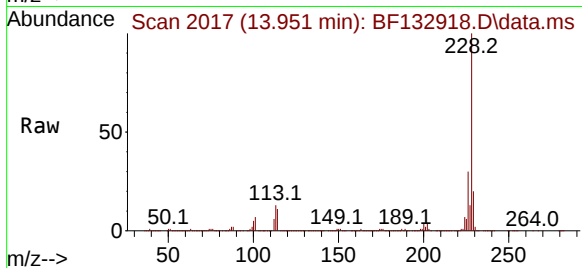
Tgt Ion:228 Resp: 2044460

Ion Ratio Lower Upper

228 100

226 30.3 24.3 36.5

229 20.0 16.2 24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 79.725 ng

RT: 13.916 min Scan# 2011

Delta R.T. -0.005 min

Lab File: BF132918.D

Acq: 19 Apr 2023 18:34

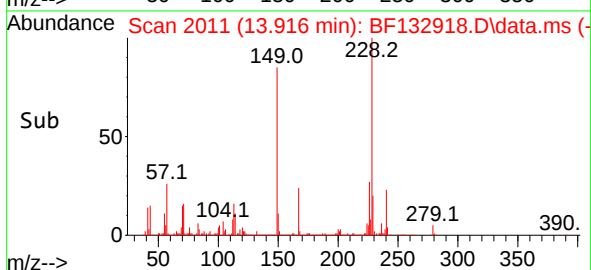
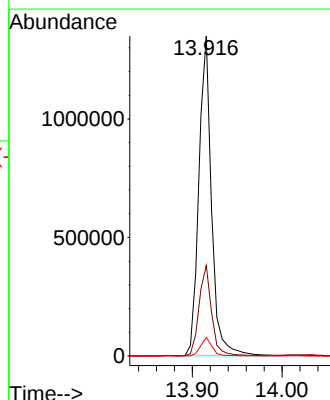
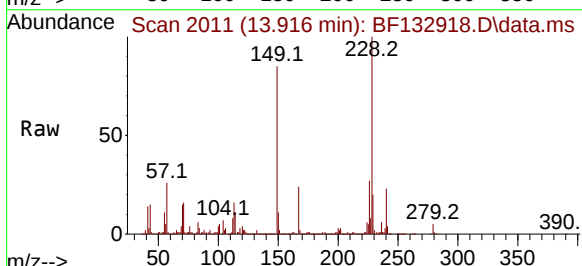
Tgt Ion:149 Resp: 1324531

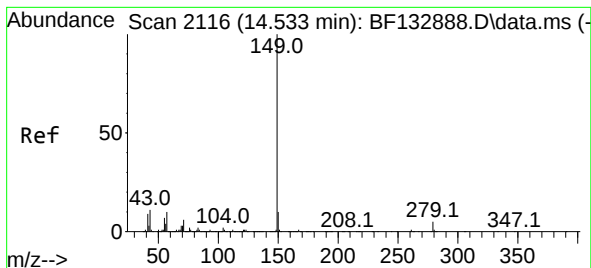
Ion Ratio Lower Upper

149 100

167 28.3 22.2 33.4

279 5.8 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 65.829 ng

RT: 14.527 min Scan# 2115

Delta R.T. -0.006 min

Lab File: BF132918.D

Acq: 19 Apr 2023 18:34

Instrument :

BNA_F

ClientSampleId :

SB-16-14-16-20230413MS

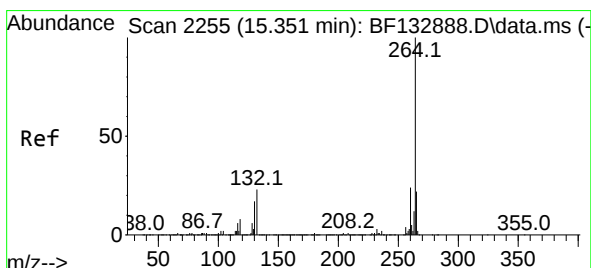
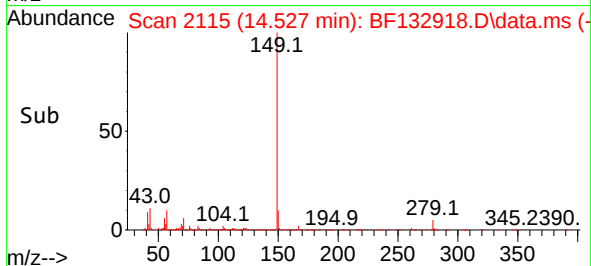
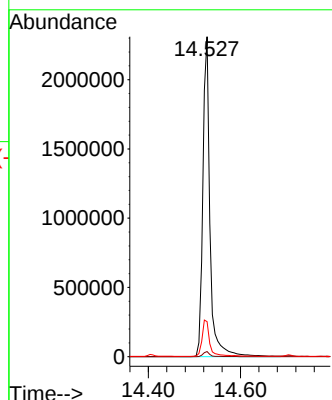
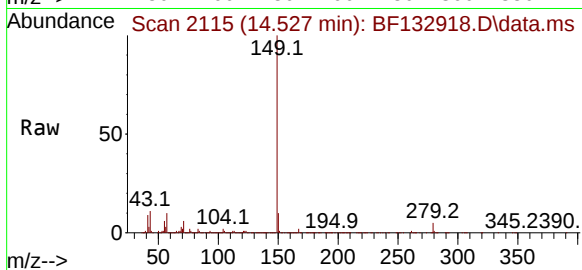
Tgt Ion:149 Resp: 2475873

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 12.2 11.5 17.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.345 min Scan# 2254

Delta R.T. -0.006 min

Lab File: BF132918.D

Acq: 19 Apr 2023 18:34

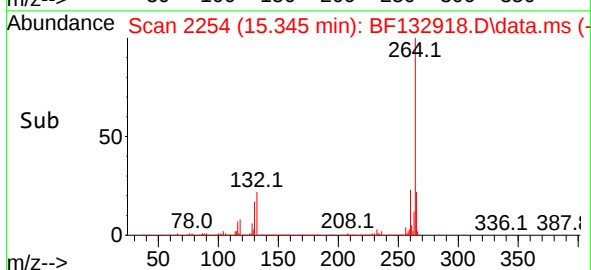
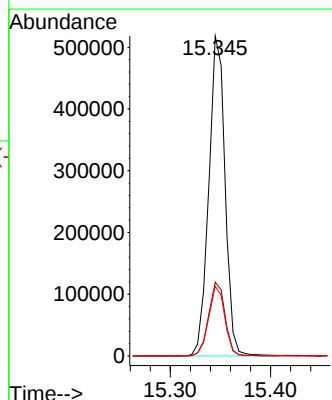
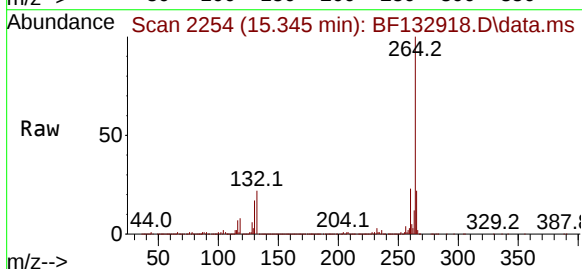
Tgt Ion:264 Resp: 586284

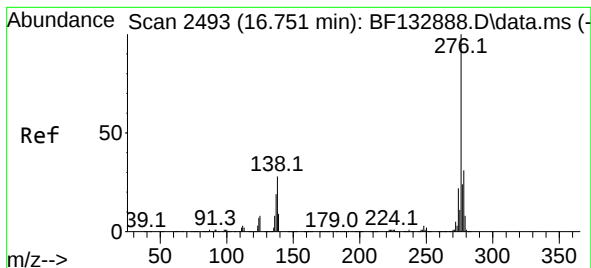
Ion Ratio Lower Upper

264 100

260 23.1 19.0 28.6

265 21.8 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 58.653 ng

RT: 16.745 min Scan# 2492

Delta R.T. -0.006 min

Lab File: BF132918.D

Acq: 19 Apr 2023 18:34

Instrument :

BNA_F

ClientSampleId :

SB-16-14-16-20230413MS

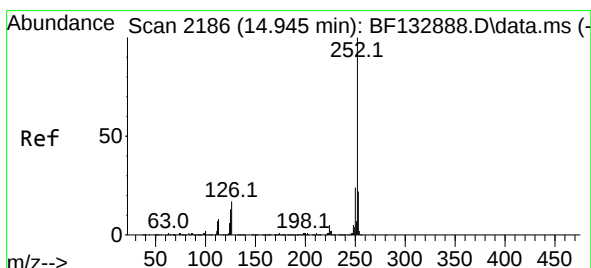
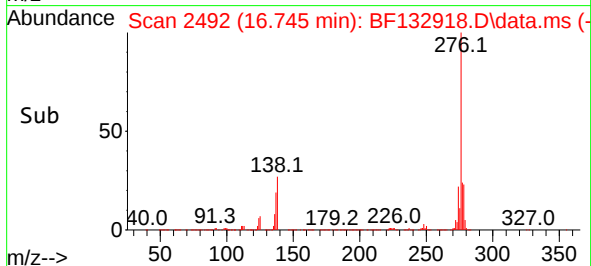
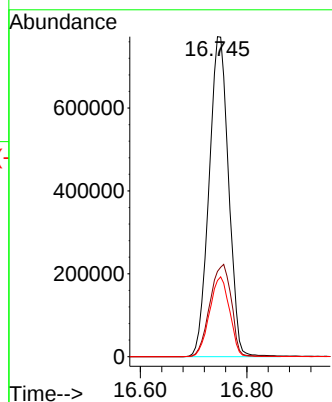
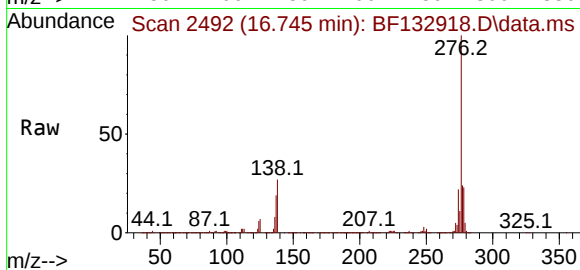
Tgt Ion:276 Resp: 1964922

Ion Ratio Lower Upper

276 100

138 31.7 25.5 38.3

277 25.5 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 53.756 ng

RT: 14.939 min Scan# 2185

Delta R.T. -0.006 min

Lab File: BF132918.D

Acq: 19 Apr 2023 18:34

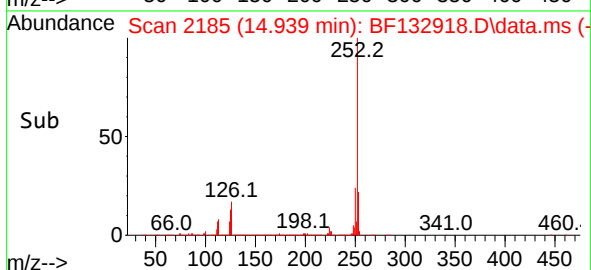
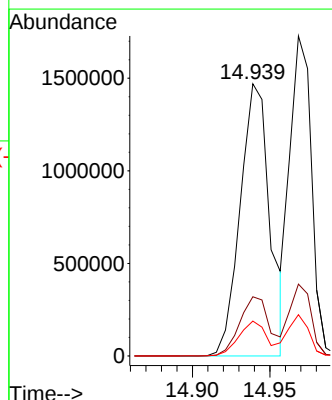
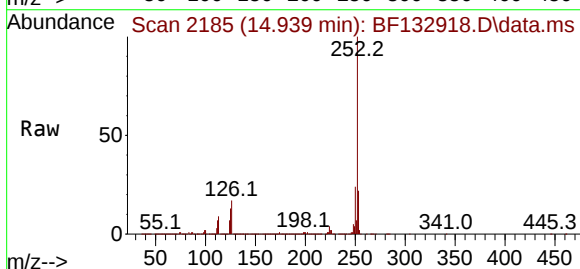
Tgt Ion:252 Resp: 1963178

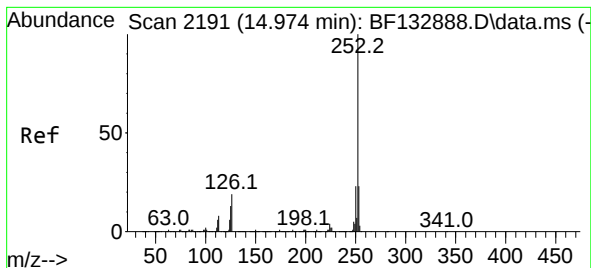
Ion Ratio Lower Upper

252 100

253 21.8 17.9 26.9

125 12.8 10.0 15.0





#89

Benzo(k)fluoranthene

Concen: 46.485 ng

RT: 14.968 min Scan# 2191

Delta R.T. -0.006 min

Lab File: BF132918.D

Acq: 19 Apr 2023 18:34

Instrument :

BNA_F

ClientSampleId :

SB-16-14-16-20230413MS

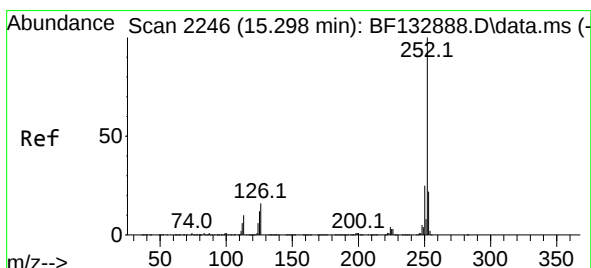
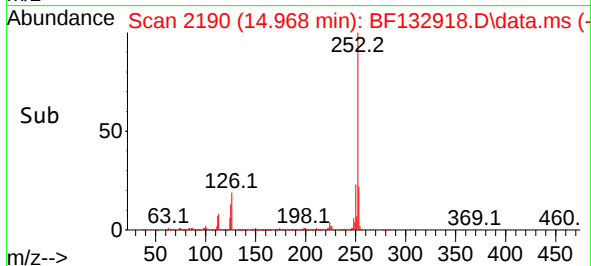
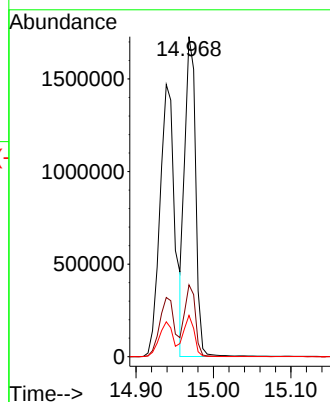
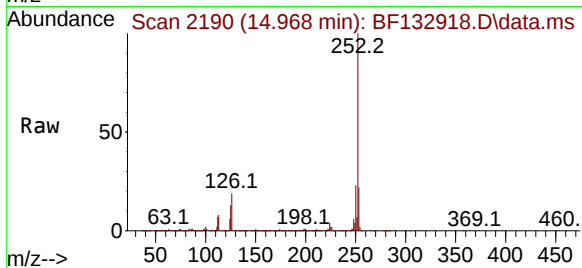
Tgt Ion:252 Resp: 1691089

Ion Ratio Lower Upper

252 100

253 22.5 18.0 27.0

125 12.9 10.0 15.0



#90

Benzo(a)pyrene

Concen: 46.430 ng

RT: 15.292 min Scan# 2245

Delta R.T. -0.006 min

Lab File: BF132918.D

Acq: 19 Apr 2023 18:34

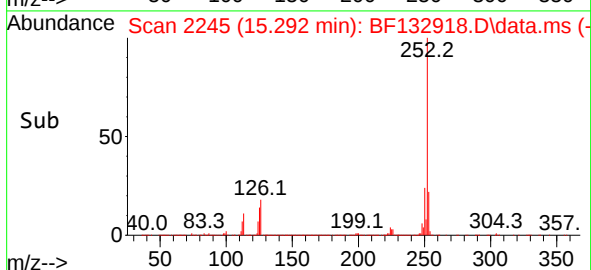
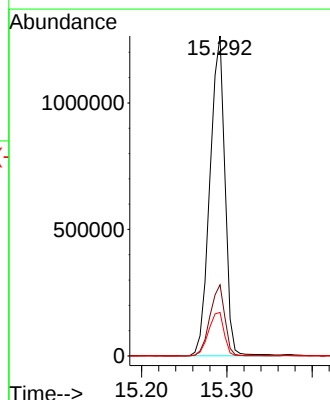
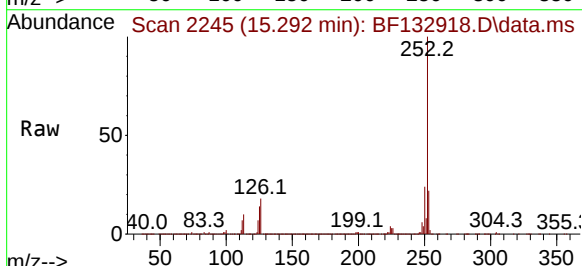
Tgt Ion:252 Resp: 1549090

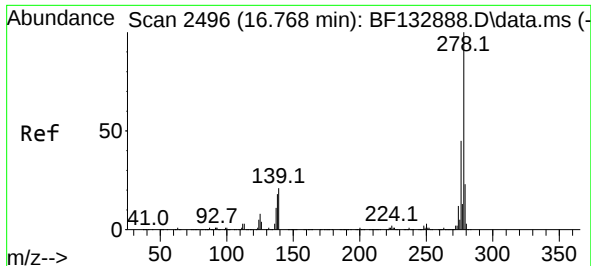
Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 13.6 9.9 14.9

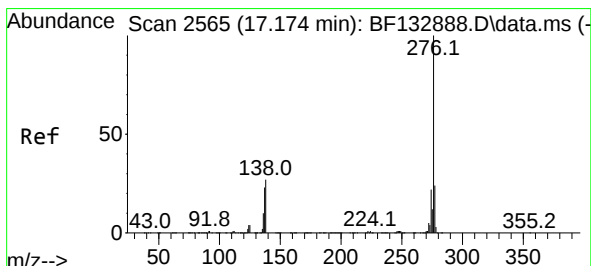
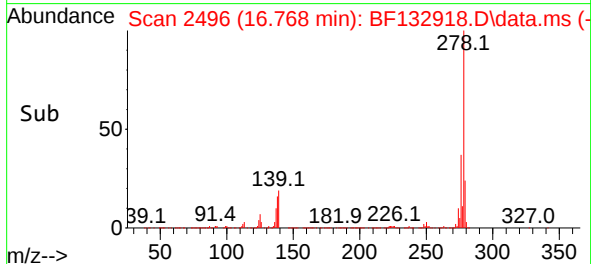
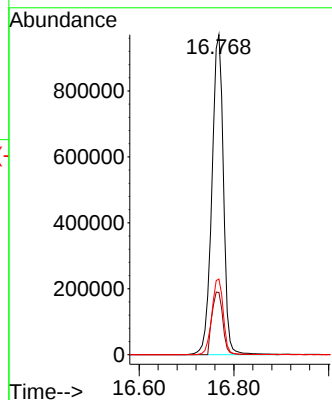
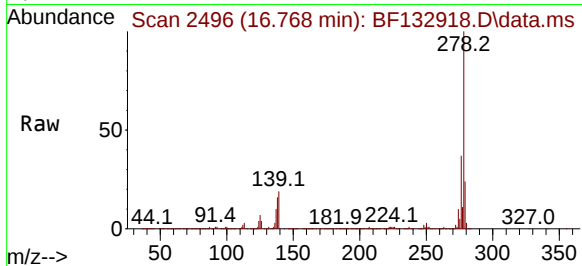




#91
Dibenzo(a,h)anthracene
Concen: 57.748 ng
RT: 16.768 min Scan# 2496
Delta R.T. 0.000 min
Lab File: BF132918.D
Acq: 19 Apr 2023 18:34

Instrument :
BNA_F
ClientSampleId :
SB-16-14-16-20230413MS

Tgt Ion:278 Resp: 1648387
Ion Ratio Lower Upper
278 100
139 19.5 16.7 25.1
279 23.7 18.4 27.6



#92
Benzo(g,h,i)perylene
Concen: 58.757 ng
RT: 17.168 min Scan# 2564
Delta R.T. -0.006 min
Lab File: BF132918.D
Acq: 19 Apr 2023 18:34

Tgt Ion:276 Resp: 1605849
Ion Ratio Lower Upper
276 100
277 23.4 18.9 28.3
138 28.4 21.7 32.5

