

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092822\
 Data File : BF130451.D
 Acq On : 28 Sep 2022 16:49
 Operator : CG\JU
 Sample : N4815-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SAND-FILTER-1MSD

Quant Time: Sep 29 02:15:39 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 28 02:59:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.645	152	103984	20.000	ng	0.00
21) Naphthalene-d8	7.928	136	394685	20.000	ng	0.00
39) Acenaphthene-d10	9.681	164	193823	20.000	ng	0.00
64) Phenanthrene-d10	11.157	188	285627	20.000	ng	0.00
76) Chrysene-d12	13.792	240	183106	20.000	ng	# 0.00
86) Perylene-d12	15.180	264	224380	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.257	112	750603	125.201	ng	0.01
7) Phenol-d6	6.292	99	910780	121.416	ng	0.00
23) Nitrobenzene-d5	7.216	82	573263	74.204	ng	0.00
42) 2,4,6-Tribromophenol	10.469	330	227883	122.703	ng	0.00
45) 2-Fluorobiphenyl	9.010	172	1110054	83.398	ng	0.00
79) Terphenyl-d14	12.745	244	869312	78.643	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.310	88	94723	34.403	ng	97
3) Pyridine	2.987	79	252316	35.130	ng	93
4) n-Nitrosodimethylamine	2.952	42	148522	38.020	ng	92
6) Aniline	6.310	93	323506	35.002	ng	# 29
8) 2-Chlorophenol	6.434	128	340925	49.921	ng	92
9) Benzaldehyde	6.192	77	188029	37.421	ng	96
10) Phenol	6.310	94	396489	45.103	ng	78
11) bis(2-Chloroethyl)ether	6.392	93	304466	48.018	ng	90
12) 1,3-Dichlorobenzene	6.587	146	367569	48.915	ng	97
13) 1,4-Dichlorobenzene	6.663	146	376755	49.166	ng	98
14) 1,2-Dichlorobenzene	6.816	146	355667	49.685	ng	97
15) Benzyl Alcohol	6.798	79	212859	35.790	ng	94
16) 2,2'-oxybis(1-Chloropr...	6.928	45	372545	40.284	ng	75
17) 2-Methylphenol	6.916	107	271712	48.943	ng	96
18) Hexachloroethane	7.157	117	143836	47.618	ng	92
19) n-Nitroso-di-n-propyla...	7.069	70	218280	43.123	ng	92
20) 3+4-Methylphenols	7.069	107	329827	45.734	ng	# 75
22) Acetophenone	7.063	105	466663	48.361	ng	# 91
24) Nitrobenzene	7.234	77	338387	43.137	ng	95
25) Isophorone	7.475	82	586868	47.132	ng	97
26) 2-Nitrophenol	7.551	139	175273	54.505	ng	# 86
27) 2,4-Dimethylphenol	7.598	122	258898	52.289	ng	97
28) bis(2-Chloroethoxy)met...	7.687	93	367815	52.460	ng	100
29) 2,4-Dichlorophenol	7.792	162	267081	49.224	ng	98
30) 1,2,4-Trichlorobenzene	7.869	180	294217	50.155	ng	98
31) Naphthalene	7.951	128	944839	46.467	ng	99
32) Benzoic acid	7.698	122	31307	8.176	ng	95
33) 4-Chloroaniline	8.004	127	191901	24.814	ng	97
34) Hexachlorobutadiene	8.069	225	188467	50.271	ng	99
35) Caprolactam	8.416	113	21144	13.593	ng	86
36) 4-Chloro-3-methylphenol	8.498	107	284473	47.301	ng	99
37) 2-Methylnaphthalene	8.639	142	612714	47.261	ng	100
38) 1-Methylnaphthalene	8.739	142	575076	46.175	ng	97
40) 1,2,4,5-Tetrachloroben...	8.810	216	282164	53.344	ng	97
41) Hexachlorocyclopentadiene	8.792	237	322175	113.764	ng	100
43) 2,4,6-Trichlorophenol	8.922	196	175084	47.428	ng	95

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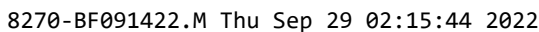
Instrument :
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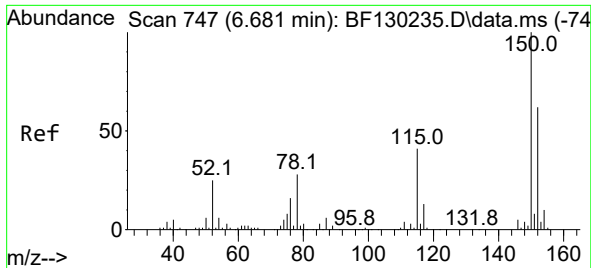
Quant Time: Sep 29 02:15:39 2022
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	8.969	196	189977	47.689	ng	94
46) 1,1'-Biphenyl	9.110	154	735707	50.824	ng	96
47) 2-Chloronaphthalene	9.128	162	579416	49.481	ng	98
48) 2-Nitroaniline	9.233	65	167575	42.907	ng	# 83
49) Acenaphthylene	9.545	152	843475	48.042	ng	99
50) Dimethylphthalate	9.416	163	644790	48.160	ng	99
51) 2,6-Dinitrotoluene	9.475	165	143764	51.344	ng	# 85
52) Acenaphthene	9.716	154	495679	42.970	ng	99
53) 3-Nitroaniline	9.639	138	102671	32.907	ng	95
54) 2,4-Dinitrophenol	9.751	184	77846	53.498	ng	# 84
55) Dibenzofuran	9.886	168	758013	47.243	ng	96
56) 4-Nitrophenol	9.816	139	175718	77.324	ng	88
57) 2,4-Dinitrotoluene	9.875	165	184491	51.555	ng	92
58) Fluorene	10.228	166	595353	45.370	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.004	232	126164	40.462	ng	89
60) Diethylphthalate	10.110	149	610134	45.444	ng	99
61) 4-Chlorophenyl-phenyle...	10.222	204	282252	49.033	ng	96
62) 4-Nitroaniline	10.257	138	135320	43.174	ng	88
63) Azobenzene	10.380	77	545754	39.476	ng	96
65) 4,6-Dinitro-2-methylph...	10.280	198	67337	42.350	ng	92
66) n-Nitrosodiphenylamine	10.345	169	500608	52.448	ng	99
67) 4-Bromophenyl-phenylether	10.710	248	176346	55.967	ng	94
68) Hexachlorobenzene	10.769	284	198163	55.480	ng	98
69) Atrazine	10.875	200	151706	54.388	ng	98
70) Pentachlorophenol	10.969	266	139857	72.959	ng	98
71) Phenanthrene	11.186	178	759543	47.364	ng	100
72) Anthracene	11.239	178	765765	49.483	ng	99
73) Carbazole	11.392	167	659447	47.217	ng	99
74) Di-n-butylphthalate	11.727	149	820532	48.720	ng	99
75) Fluoranthene	12.369	202	662218	42.735	ng	97
77) Benzidine	12.498	184	278482	52.392	ng	99
78) Pyrene	12.592	202	654520	40.861	ng	99
80) Butylbenzylphthalate	13.221	149	294526	49.633	ng	94
81) Benzo(a)anthracene	13.780	228	601607	49.389	ng	99
82) 3,3'-Dichlorobenzidine	13.751	252	137894	41.587	ng	# 95
83) Chrysene	13.816	228	563008	48.678	ng	100
84) Bis(2-ethylhexyl)phtha...	13.780	149	412003	60.614	ng	99
85) Di-n-octyl phthalate	14.392	149	735496	70.746	ng	96
87) Indeno(1,2,3-cd)pyrene	16.504	276	867524	54.521	ng	97
88) Benzo(b)fluoranthene	14.792	252	706363	48.232	ng	99
89) Benzo(k)fluoranthene	14.821	252	685637	47.592	ng	99
90) Benzo(a)pyrene	15.127	252	628175	54.141	ng	97
91) Dibenzo(a,h)anthracene	16.527	278	765417	58.638	ng	98
92) Benzo(g,h,i)perylene	16.909	276	732286	55.691	ng	97

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

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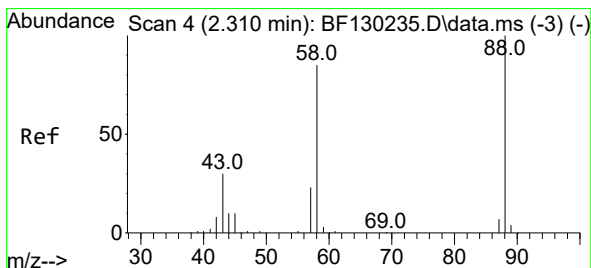
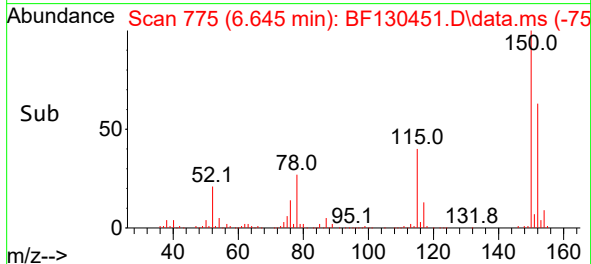
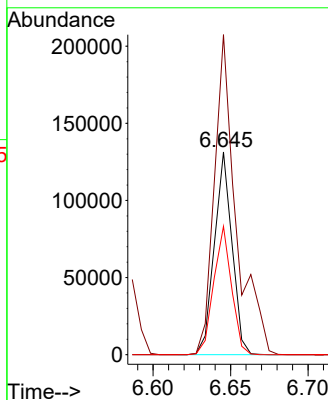
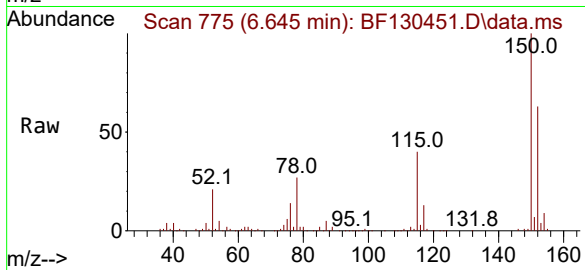




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.645 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF130451.D
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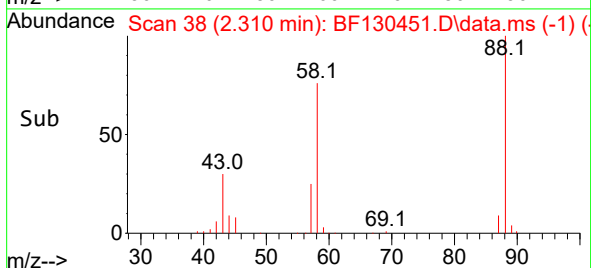
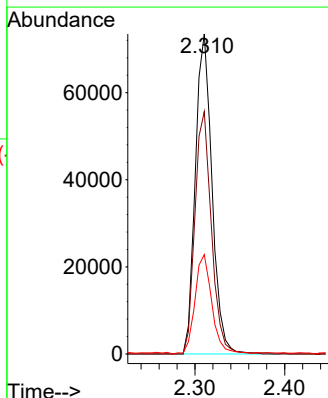
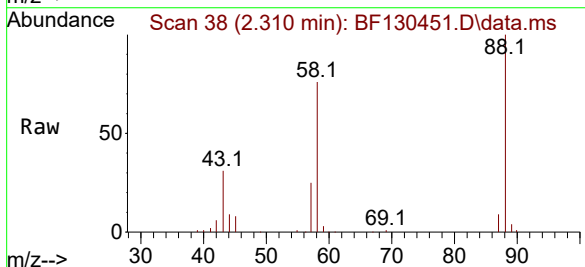
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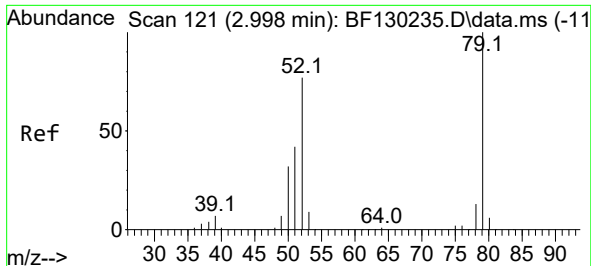
Tgt Ion:152 Resp: 103984
 Ion Ratio Lower Upper
 152 100
 150 157.8 122.8 184.2
 115 63.3 53.8 80.8



#2
 1,4-Dioxane
 Concen: 34.403 ng
 RT: 2.310 min Scan# 38
 Delta R.T. 0.047 min
 Lab File: BF130451.D
 Acq: 28 Sep 2022 16:49

Tgt Ion: 88 Resp: 94723
 Ion Ratio Lower Upper
 88 100
 58 75.1 61.3 91.9
 43 31.7 23.0 34.6

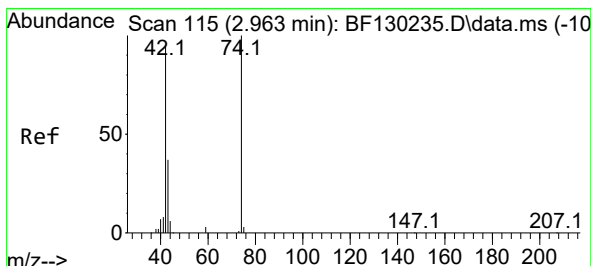
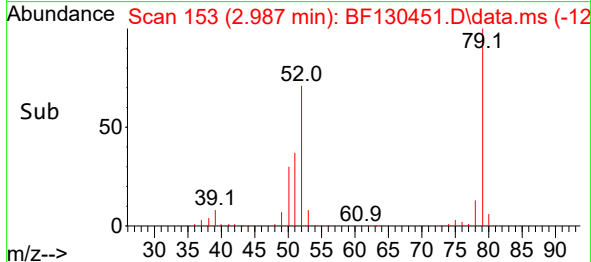
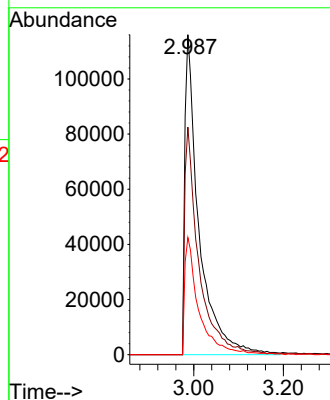
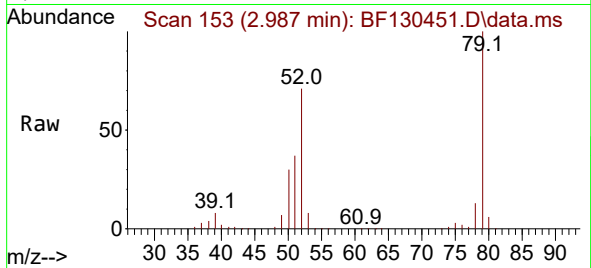




#3
 Pyridine
 Concen: 35.130 ng
 RT: 2.987 min Scan# 11
 Delta R.T. 0.047 min
 Lab File: BF130451.D
 Acq: 28 Sep 2022 16:49

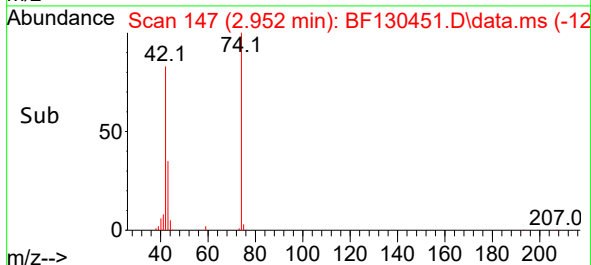
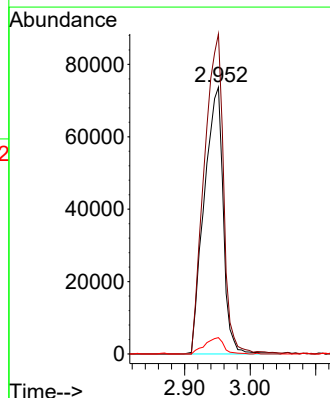
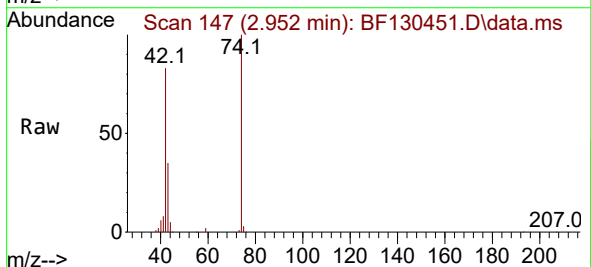
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 ClientSampleId :
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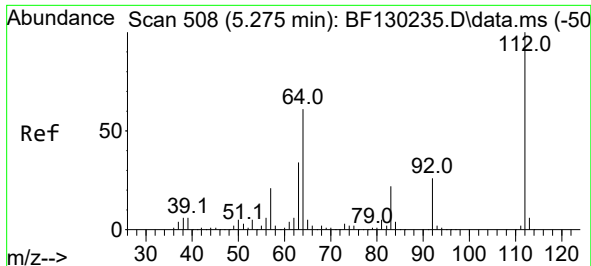
Tgt Ion: 79 Resp: 252316
 Ion Ratio Lower Upper
 79 100
 52 71.1 62.4 93.6
 51 36.6 32.2 48.4



#4
 n-Nitrosodimethylamine
 Concen: 38.020 ng
 RT: 2.952 min Scan# 147
 Delta R.T. 0.047 min
 Lab File: BF130451.D
 Acq: 28 Sep 2022 16:49

Tgt Ion: 42 Resp: 148522
 Ion Ratio Lower Upper
 42 100
 74 120.0 88.4 132.6
 44 6.1 5.0 7.4

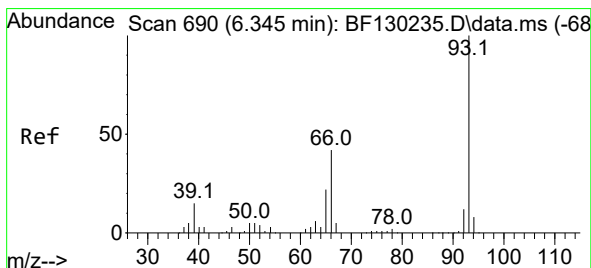
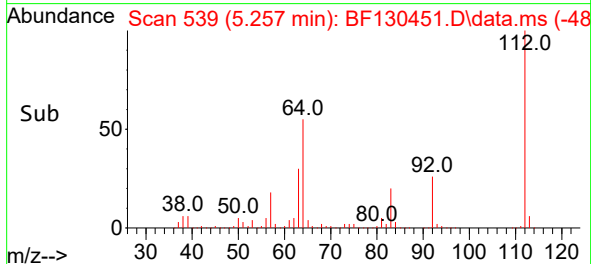
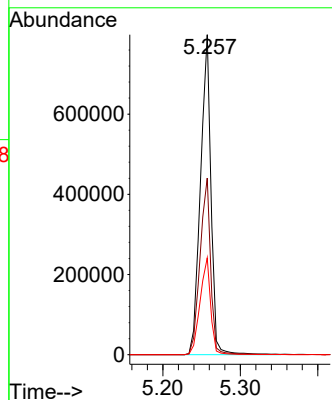
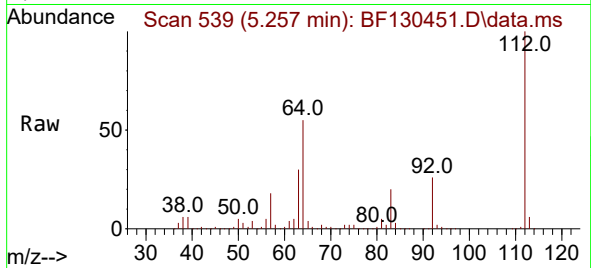




#5
2-Fluorophenol
Concen: 125.201 ng
RT: 5.257 min Scan# 511
Delta R.T. 0.012 min
Lab File: BF130451.D
Acq: 28 Sep 2022 16:49

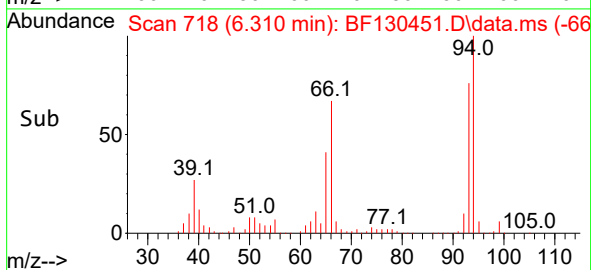
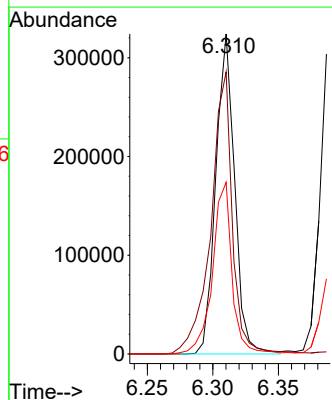
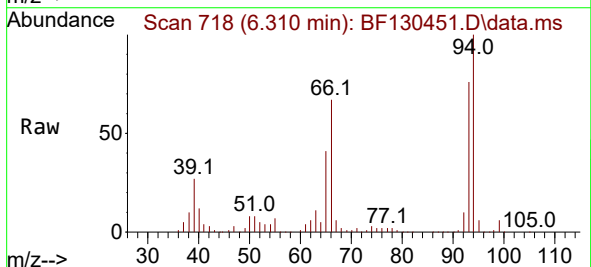
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ClientSampleId :
SAND-FILTER-1MSD

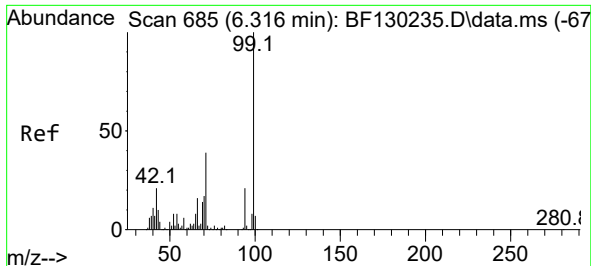
Tgt Ion:112 Resp: 750603
Ion Ratio Lower Upper
112 100
64 55.2 51.4 77.0
63 30.2 28.8 43.2



#6
Aniline
Concen: 35.002 ng
RT: 6.310 min Scan# 718
Delta R.T. 0.000 min
Lab File: BF130451.D
Acq: 28 Sep 2022 16:49

Tgt Ion: 93 Resp: 323506
Ion Ratio Lower Upper
93 100
66 88.2 34.2 51.4#
65 53.7 16.6 24.8#

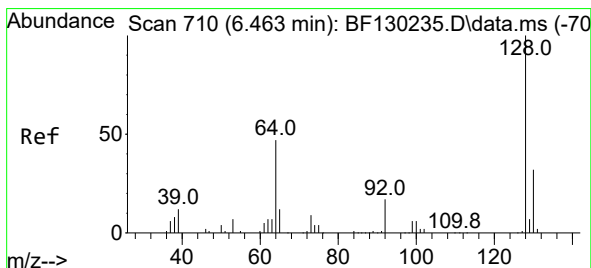
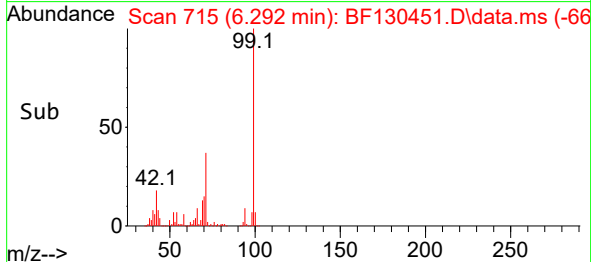
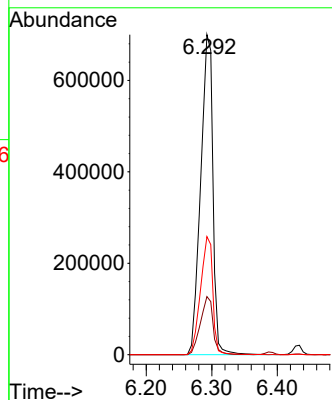
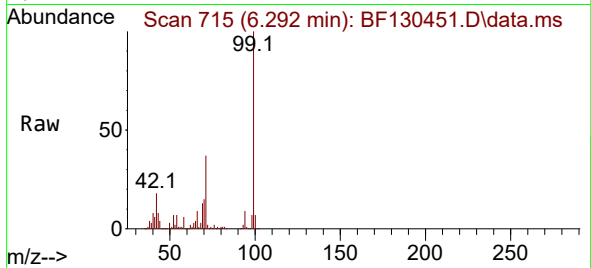




#7
Phenol-d6
Concen: 121.416 ng
RT: 6.292 min Scan# 715
Delta R.T. 0.000 min
Lab File: BF130451.D
Acq: 28 Sep 2022 16:49

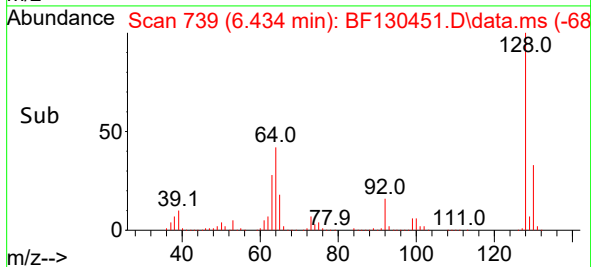
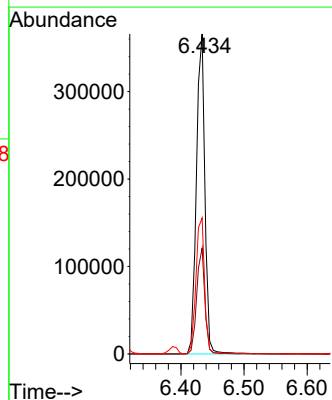
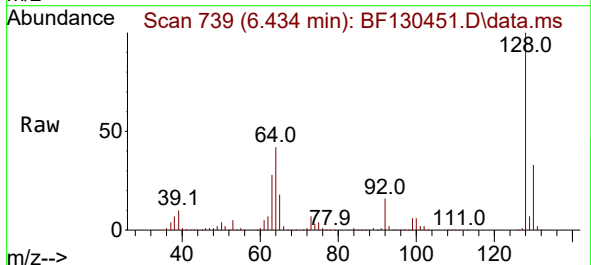
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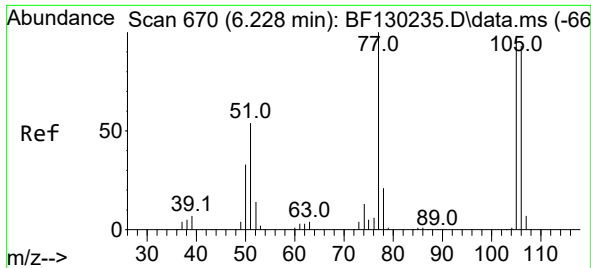
Tgt Ion: 99 Resp: 910780
Ion Ratio Lower Upper
99 100
42 18.1 17.0 25.6
71 36.9 32.3 48.5



#8
2-Chlorophenol
Concen: 49.921 ng
RT: 6.434 min Scan# 739
Delta R.T. 0.000 min
Lab File: BF130451.D
Acq: 28 Sep 2022 16:49

Tgt Ion: 128 Resp: 340925
Ion Ratio Lower Upper
128 100
130 33.1 12.4 52.4
64 42.5 31.6 71.6

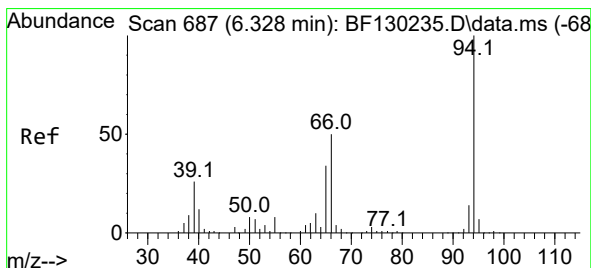
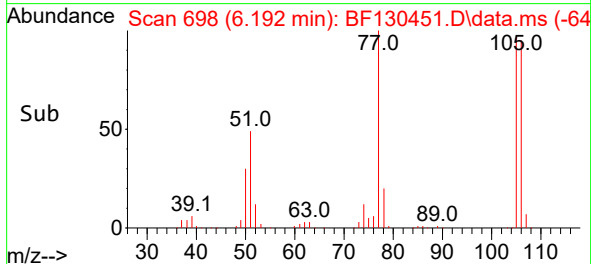
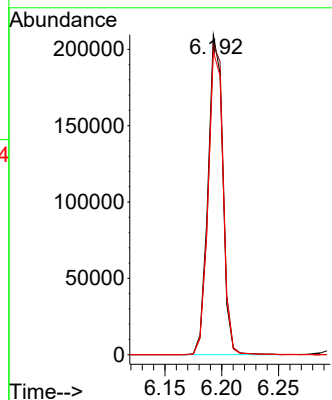
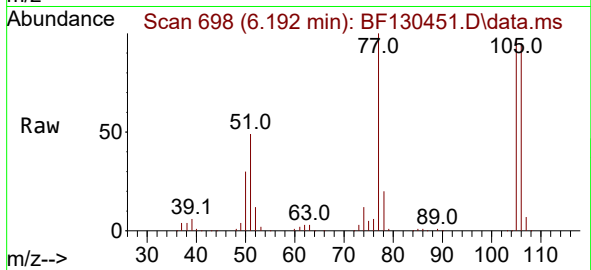




#9
Benzaldehyde
Concen: 37.421 ng
RT: 6.192 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF130451.D
Acq: 28 Sep 2022 16:49

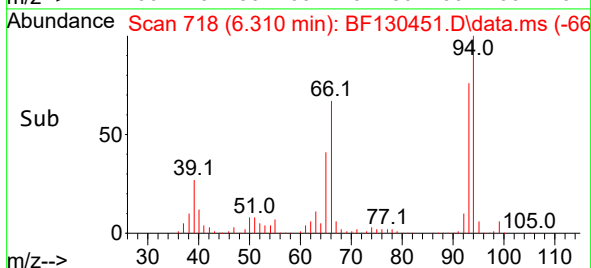
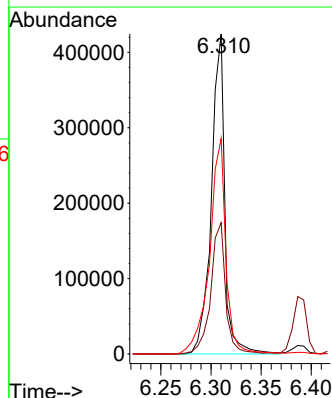
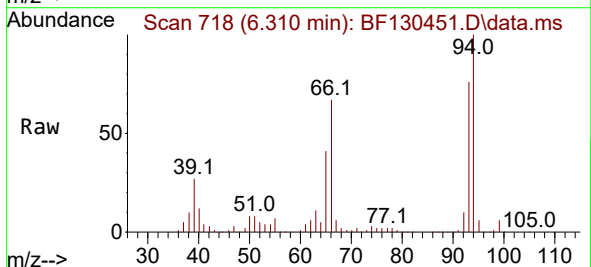
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ClientSampleId :
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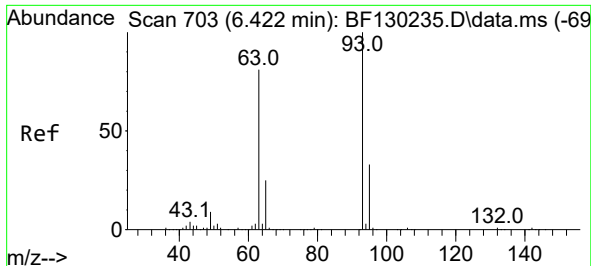
Tgt Ion: 77 Resp: 188029
Ion Ratio Lower Upper
77 100
105 96.9 75.1 115.1
106 94.7 69.7 109.7



#10
Phenol
Concen: 45.103 ng
RT: 6.310 min Scan# 718
Delta R.T. 0.006 min
Lab File: BF130451.D
Acq: 28 Sep 2022 16:49

Tgt Ion: 94 Resp: 396489
Ion Ratio Lower Upper
94 100
65 41.0 14.1 54.1
66 67.3 28.1 68.1

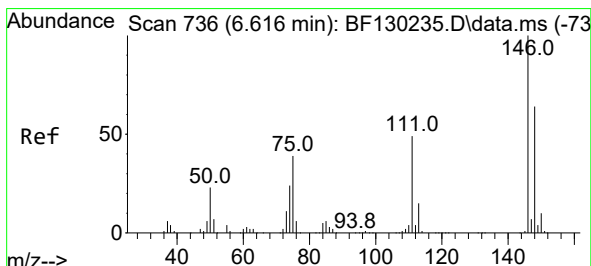
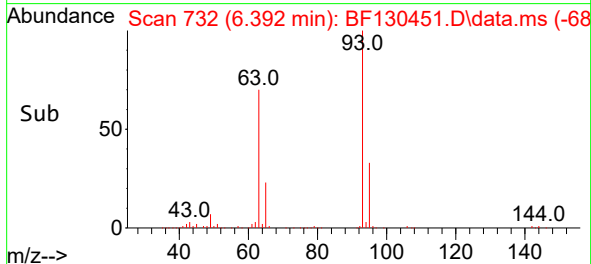
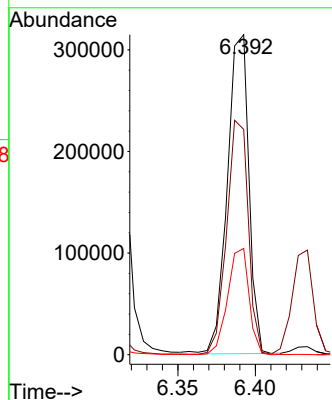
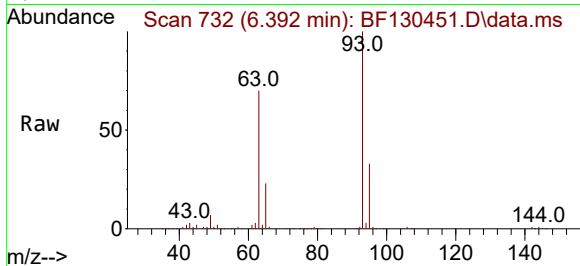




#11
bis(2-Chloroethyl)ether
Concen: 48.018 ng
RT: 6.392 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF130451.D
Acq: 28 Sep 2022 16:49

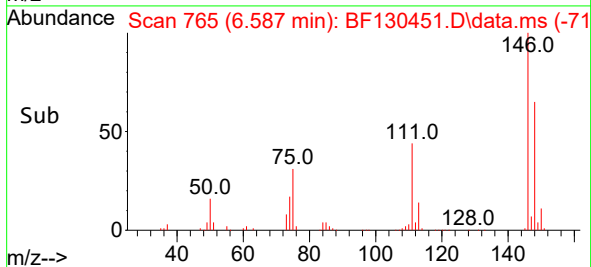
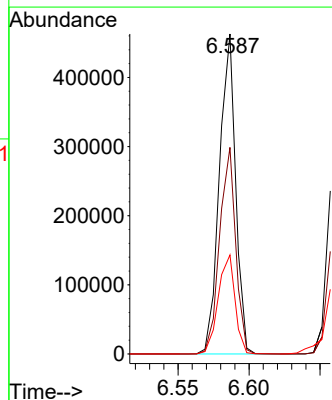
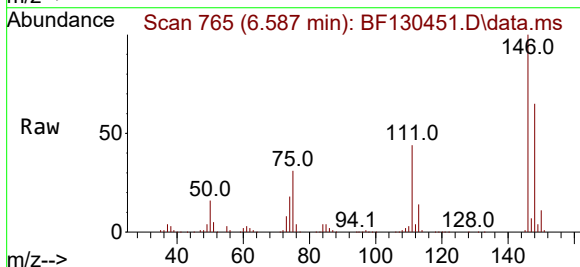
Instrument :
BNA_F
ClientSampleId :
SAND-FILTER-1MSD

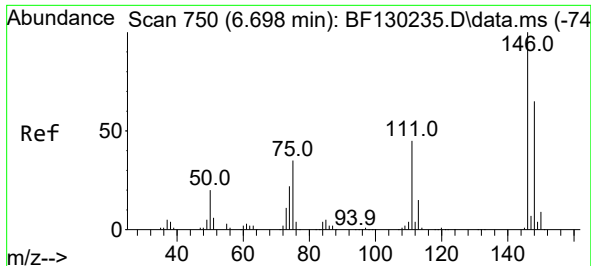
Tgt Ion: 93 Resp: 304466
Ion Ratio Lower Upper
93 100
63 70.4 62.5 102.5
95 33.2 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 48.915 ng
RT: 6.587 min Scan# 765
Delta R.T. 0.000 min
Lab File: BF130451.D
Acq: 28 Sep 2022 16:49

Tgt Ion:146 Resp: 367569
Ion Ratio Lower Upper
146 100
148 64.5 51.4 77.2
75 30.9 28.8 43.2





#13

1,4-Dichlorobenzene

Concen: 49.166 ng

RT: 6.663 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF130451.D

Acq: 28 Sep 2022 16:49

Instrument :

BNA_F

ClientSampleId :

SAND-FILTER-1MSD

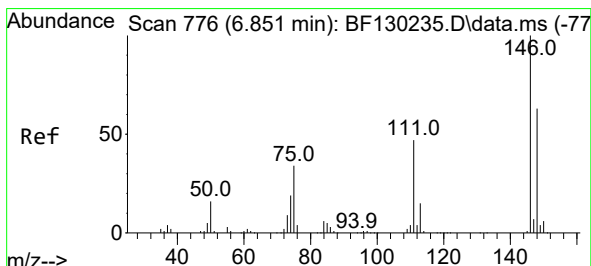
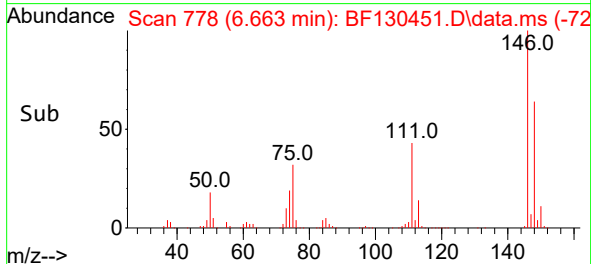
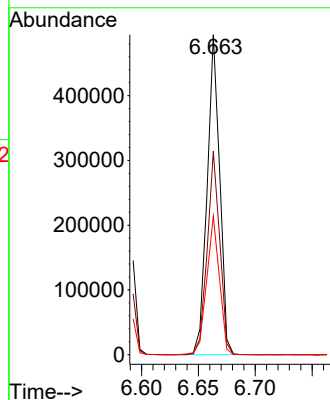
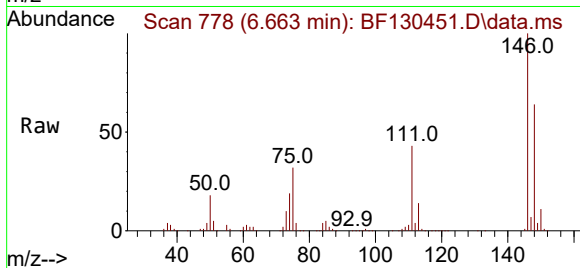
Tgt Ion:146 Resp: 376755

Ion Ratio Lower Upper

146 100

148 63.6 50.3 75.5

111 43.4 36.3 54.5



#14

1,2-Dichlorobenzene

Concen: 49.685 ng

RT: 6.816 min Scan# 804

Delta R.T. 0.000 min

Lab File: BF130451.D

Acq: 28 Sep 2022 16:49

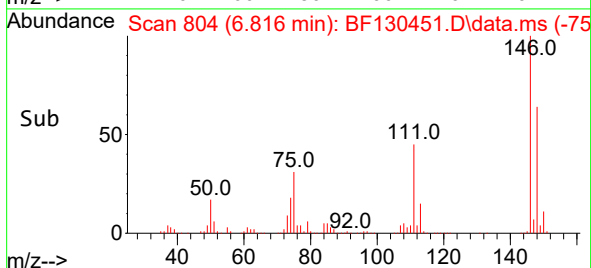
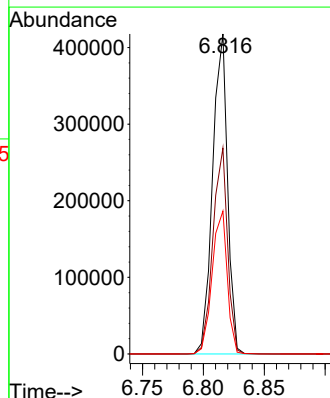
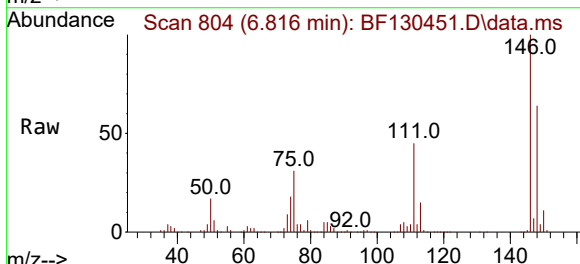
Tgt Ion:146 Resp: 355667

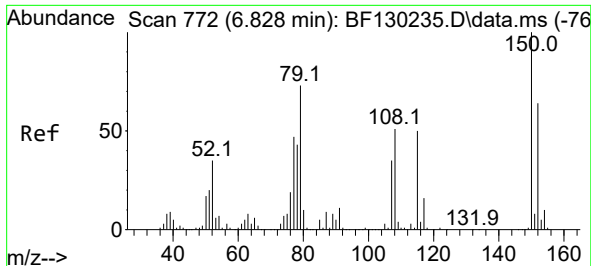
Ion Ratio Lower Upper

146 100

148 64.4 51.6 77.4

111 44.6 39.2 58.8

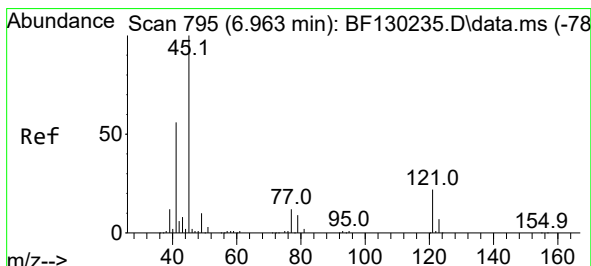
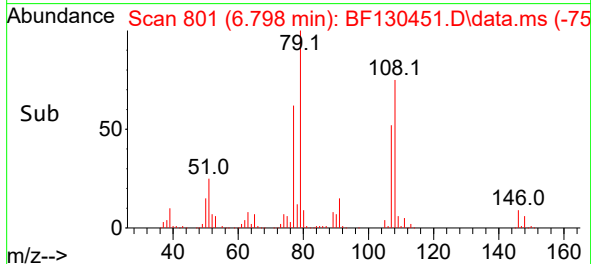
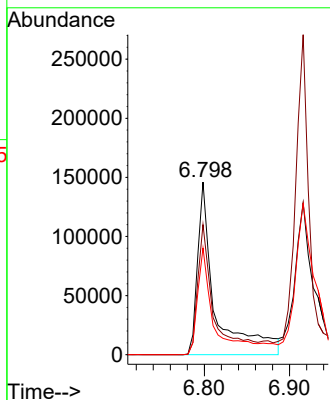
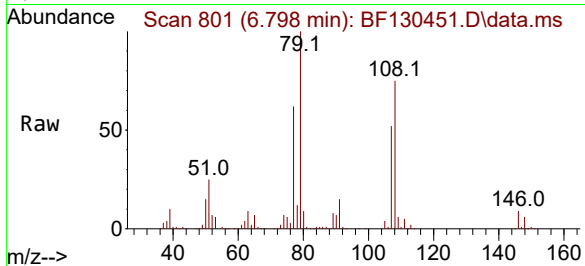




#15
Benzyl Alcohol
Concen: 35.790 ng
RT: 6.798 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF130451.D
Acq: 28 Sep 2022 16:49

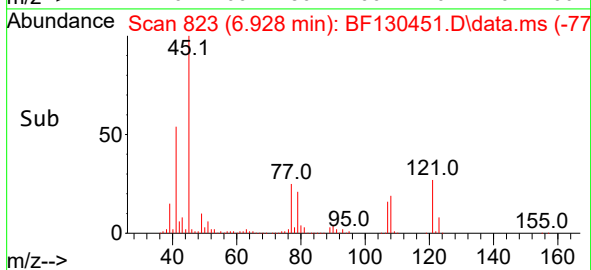
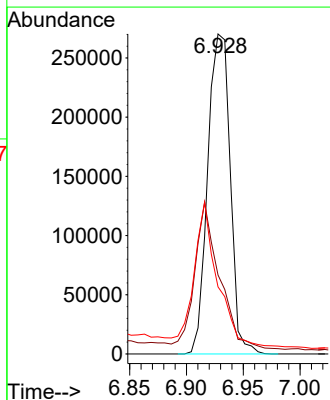
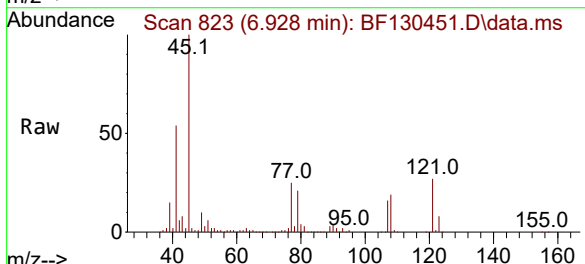
Instrument :
BNA_F
ClientSampleId :
SAND-FILTER-1MSD

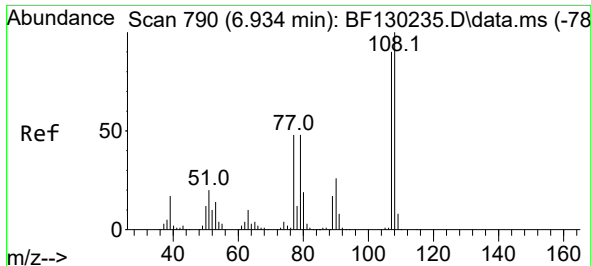
Tgt Ion: 79 Resp: 212859
Ion Ratio Lower Upper
79 100
108 75.3 54.0 81.0
77 61.8 51.3 76.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.284 ng
RT: 6.928 min Scan# 823
Delta R.T. 0.000 min
Lab File: BF130451.D
Acq: 28 Sep 2022 16:49

Tgt Ion: 45 Resp: 372545
Ion Ratio Lower Upper
45 100
77 24.6 0.0 34.9
79 20.9 0.0 31.0

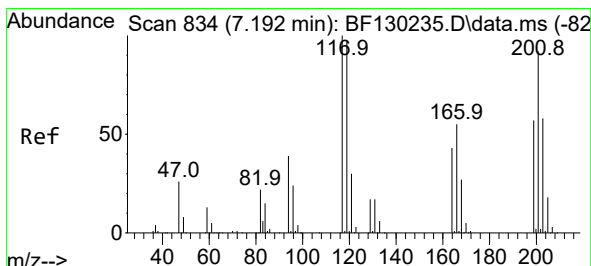
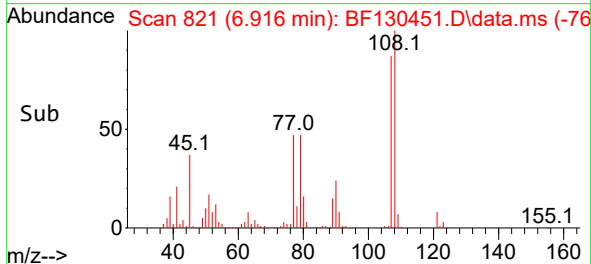
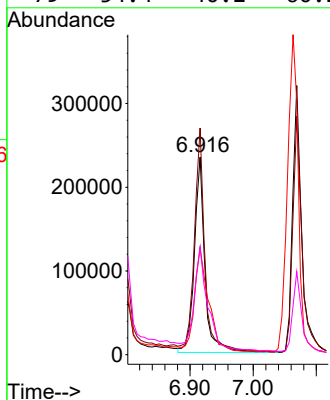
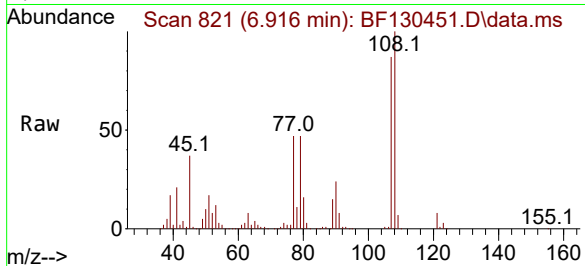




#17
2-Methylphenol
Concen: 48.943 ng
RT: 6.916 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF130451.D
Acq: 28 Sep 2022 16:49

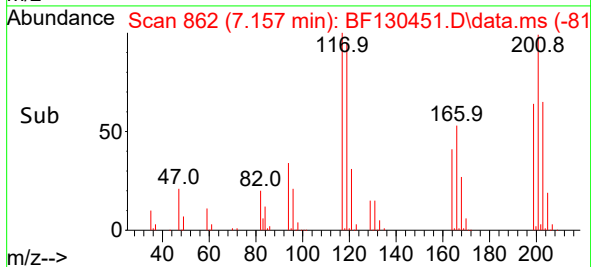
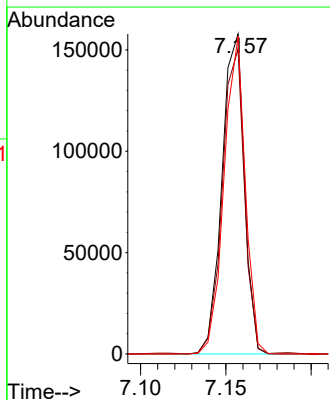
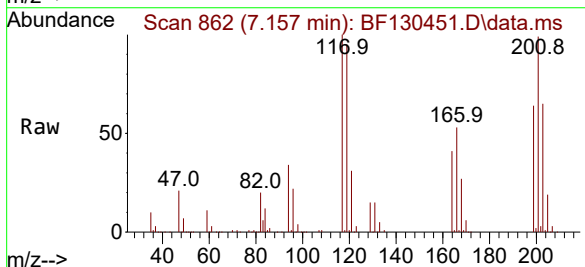
Instrument :
BNA_F
ClientSampleId :
SAND-FILTER-1MSD

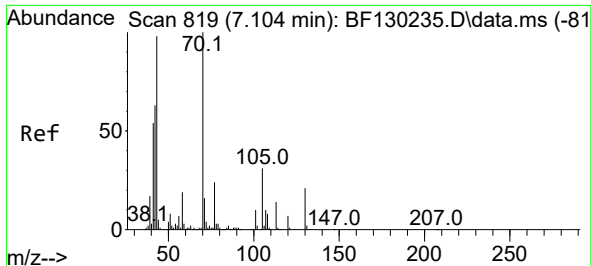
Tgt Ion:107 Resp: 271712
Ion Ratio Lower Upper
107 100
108 114.7 89.4 134.0
77 54.2 40.6 60.8
79 54.4 40.2 60.2



#18
Hexachloroethane
Concen: 47.618 ng
RT: 7.157 min Scan# 862
Delta R.T. 0.000 min
Lab File: BF130451.D
Acq: 28 Sep 2022 16:49

Tgt Ion:117 Resp: 143836
Ion Ratio Lower Upper
117 100
119 95.2 77.8 116.6
201 99.2 68.7 103.1

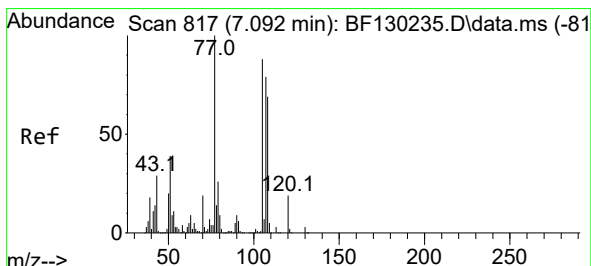
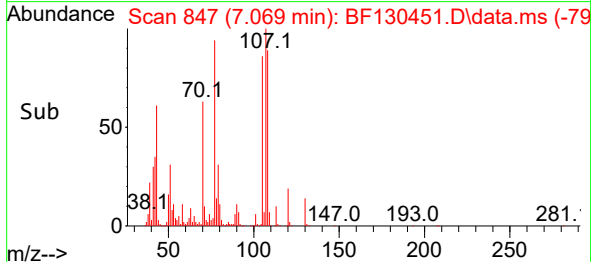
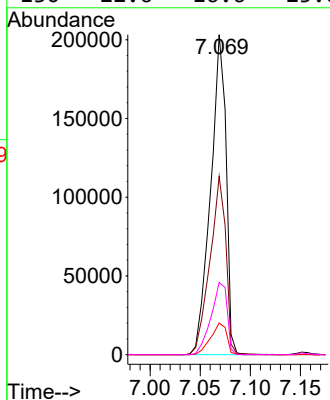
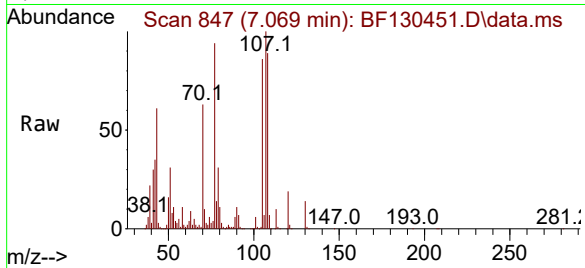




#19
n-Nitroso-di-n-propylamine
Concen: 43.123 ng
RT: 7.069 min Scan# 847
Delta R.T. 0.000 min
Lab File: BF130451.D
Acq: 28 Sep 2022 16:49

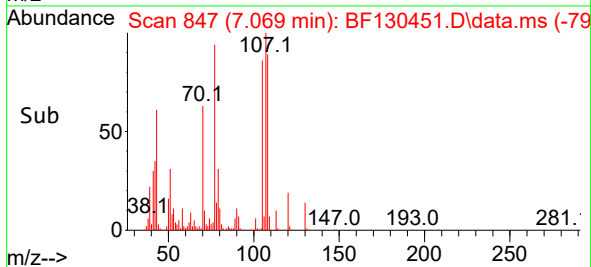
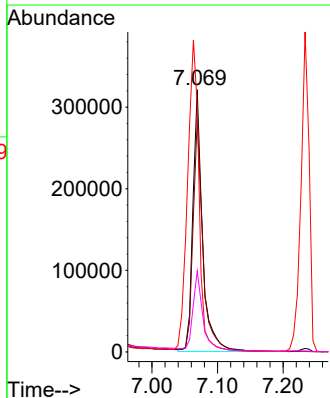
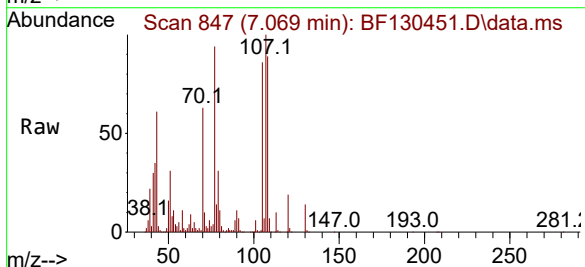
Instrument :
BNA_F
ClientSampleId :
SAND-FILTER-1MSD

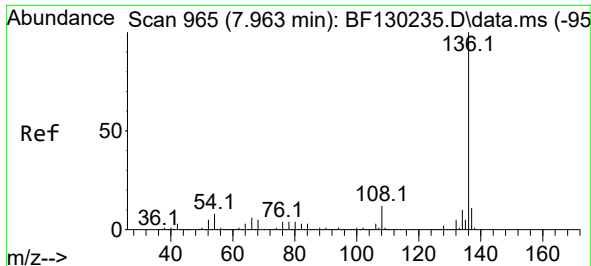
Tgt Ion: 70 Resp: 218280
Ion Ratio Lower Upper
70 100
42 55.7 50.8 76.2
101 9.9 8.2 12.4
130 22.6 16.6 25.0



#20
3+4-Methylphenols
Concen: 45.734 ng
RT: 7.069 min Scan# 847
Delta R.T. 0.000 min
Lab File: BF130451.D
Acq: 28 Sep 2022 16:49

Tgt Ion: 107 Resp: 329827
Ion Ratio Lower Upper
107 100
108 88.7 74.8 114.8
77 93.9 125.8 165.8#
79 30.9 17.1 57.1

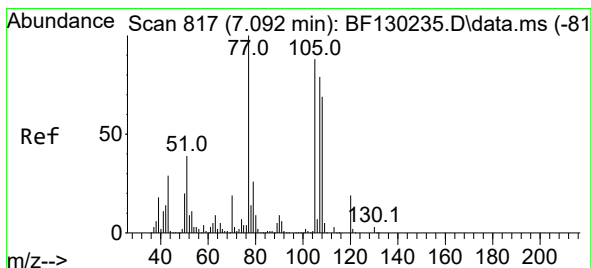
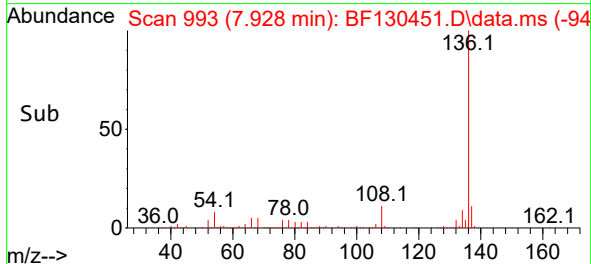
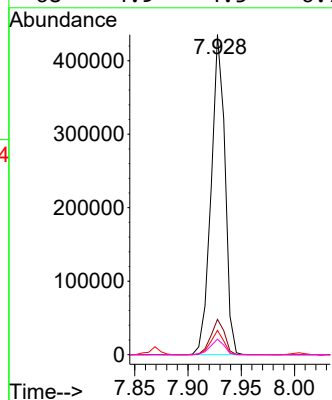
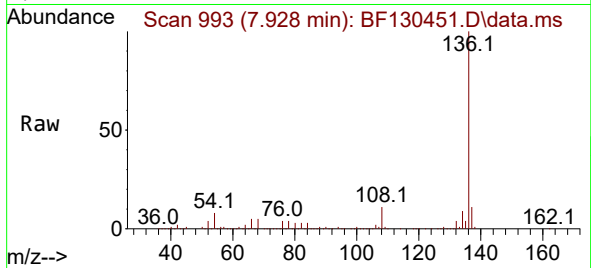




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.928 min Scan# 94
Delta R.T. 0.000 min
Lab File: BF130451.D
Acq: 28 Sep 2022 16:49

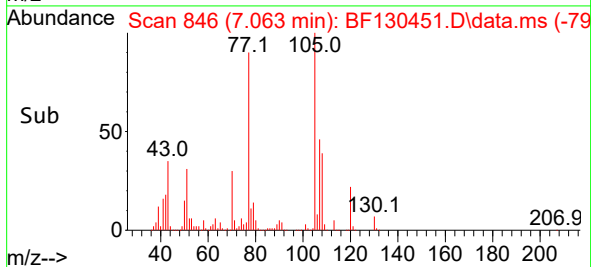
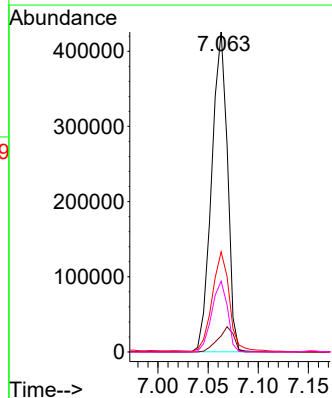
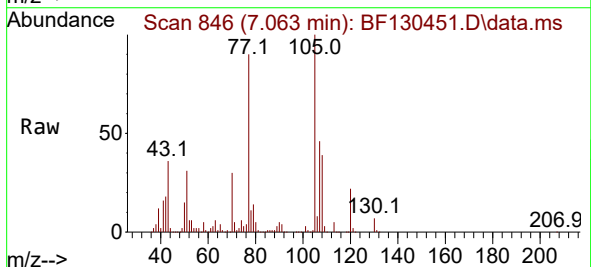
Instrument :
BNA_F
ClientSampleId :
SAND-FILTER-1MSD

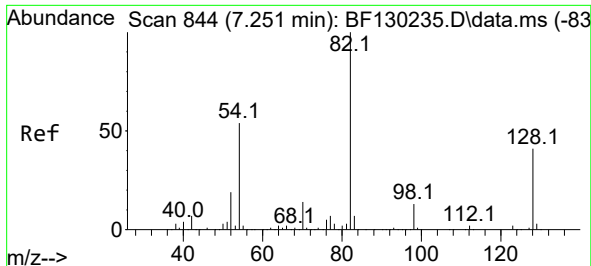
Tgt Ion:136 Resp: 394685
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 7.6 7.1 10.7
68 4.9 4.5 6.7



#22
Acetophenone
Concen: 48.361 ng
RT: 7.063 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF130451.D
Acq: 28 Sep 2022 16:49

Tgt Ion:105 Resp: 466663
Ion Ratio Lower Upper
105 100
71 5.0 3.9 5.9
51 31.3 32.2 48.2#
120 22.1 17.3 25.9

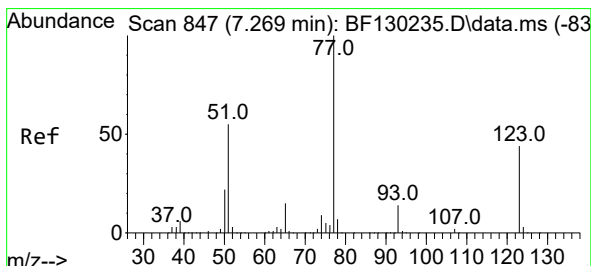
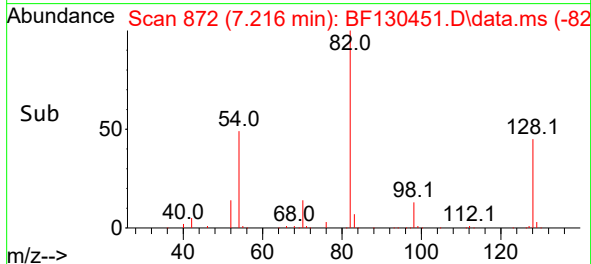
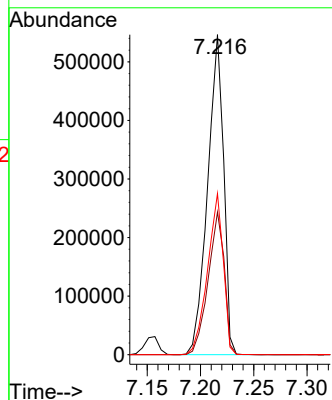
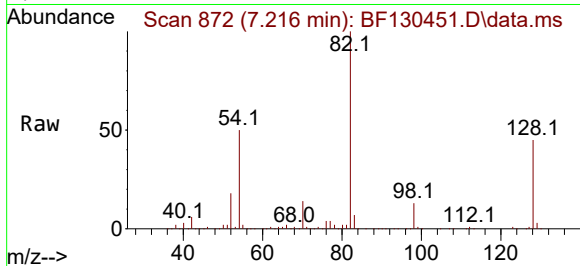




#23
Nitrobenzene-d5
Concen: 74.204 ng
RT: 7.216 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF130451.D
Acq: 28 Sep 2022 16:49

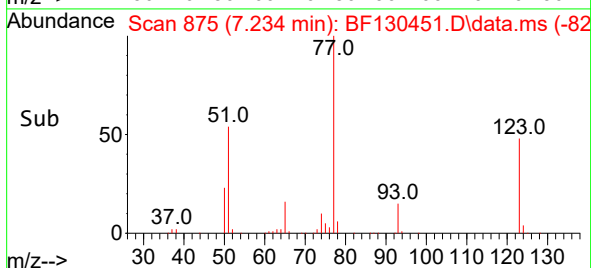
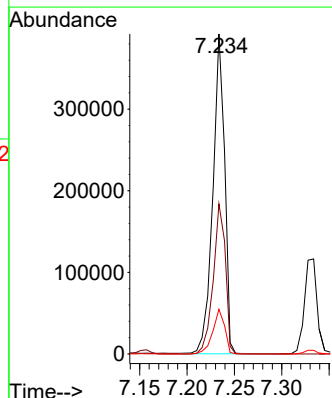
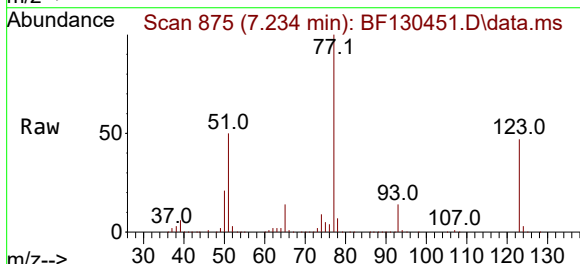
Instrument :
BNA_F
ClientSampleId :
SAND-FILTER-1MSD

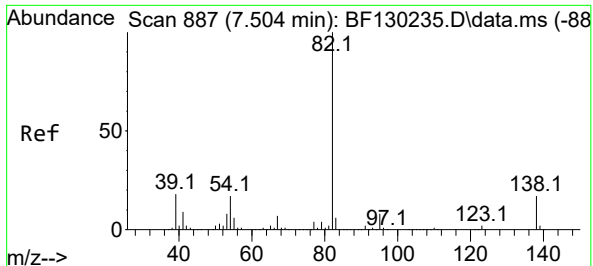
Tgt Ion: 82 Resp: 573263
Ion Ratio Lower Upper
82 100
128 44.6 32.6 49.0
54 50.4 43.8 65.6



#24
Nitrobenzene
Concen: 43.137 ng
RT: 7.234 min Scan# 875
Delta R.T. 0.000 min
Lab File: BF130451.D
Acq: 28 Sep 2022 16:49

Tgt Ion: 77 Resp: 338387
Ion Ratio Lower Upper
77 100
123 46.9 34.3 51.5
65 14.0 12.0 18.0

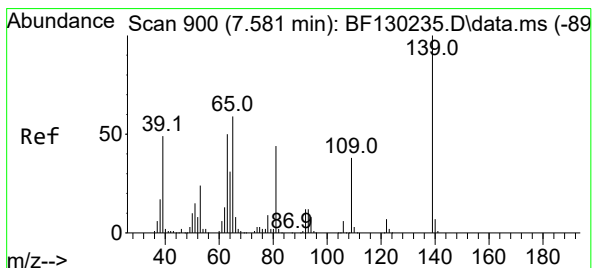
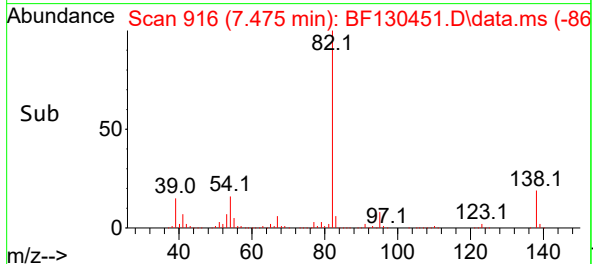
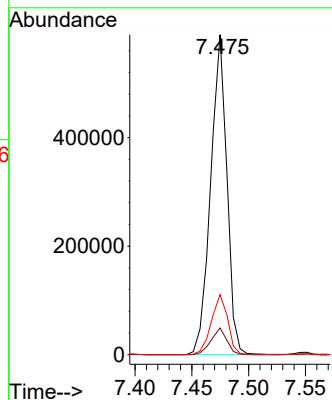
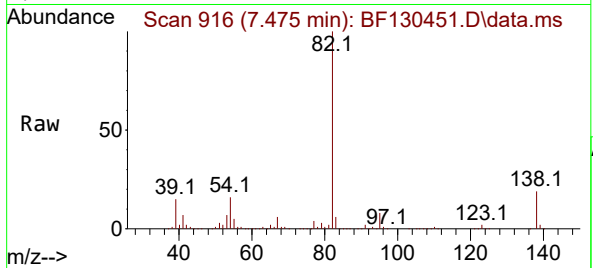




#25
Isophorone
Concen: 47.132 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.000 min
Lab File: BF130451.D
Acq: 28 Sep 2022 16:49

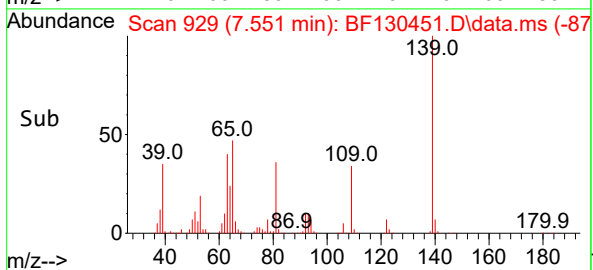
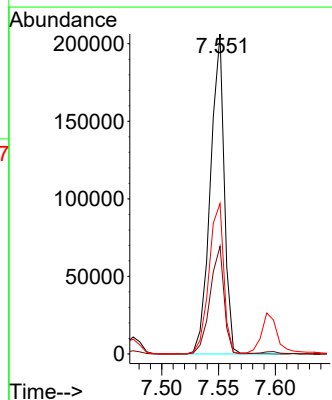
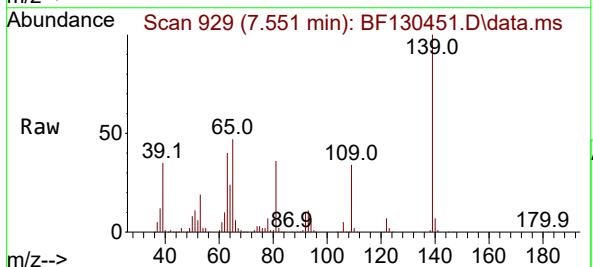
Instrument :
BNA_F
ClientSampleId :
SAND-FILTER-1MSD

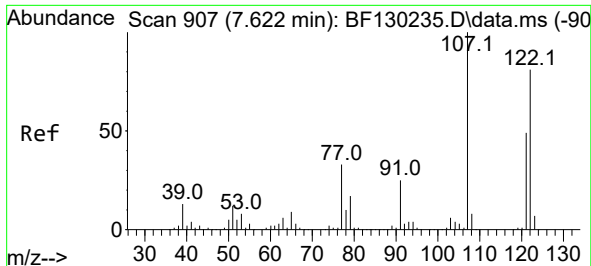
Tgt Ion: 82 Resp: 586868
Ion Ratio Lower Upper
82 100
95 8.4 6.4 9.6
138 18.7 13.8 20.6



#26
2-Nitrophenol
Concen: 54.505 ng
RT: 7.551 min Scan# 929
Delta R.T. 0.000 min
Lab File: BF130451.D
Acq: 28 Sep 2022 16:49

Tgt Ion: 139 Resp: 175273
Ion Ratio Lower Upper
139 100
109 33.6 30.2 45.4
65 47.0 48.9 73.3#





#27

2,4-Dimethylphenol

Concen: 52.289 ng

RT: 7.598 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF130451.D

Acq: 28 Sep 2022 16:49

Instrument :

BNA_F

ClientSampleId :

SAND-FILTER-1MSD

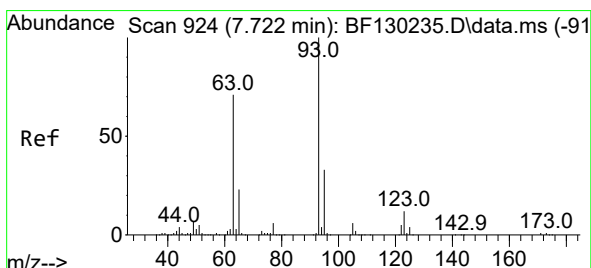
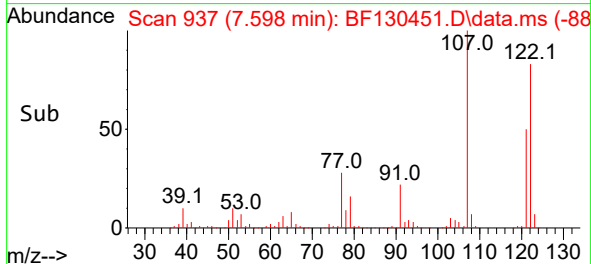
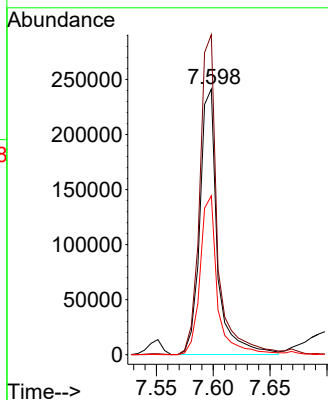
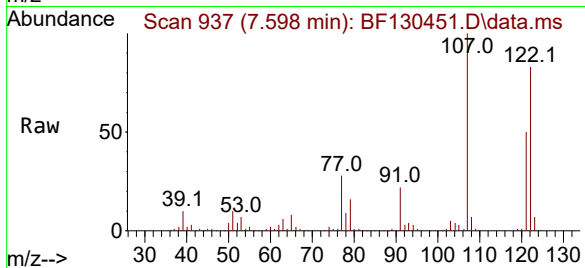
Tgt Ion:122 Resp: 258898

Ion Ratio Lower Upper

122 100

107 120.5 100.2 150.2

121 59.8 47.8 71.8



#28

bis(2-Chloroethoxy)methane

Concen: 52.460 ng

RT: 7.687 min Scan# 952

Delta R.T. 0.000 min

Lab File: BF130451.D

Acq: 28 Sep 2022 16:49

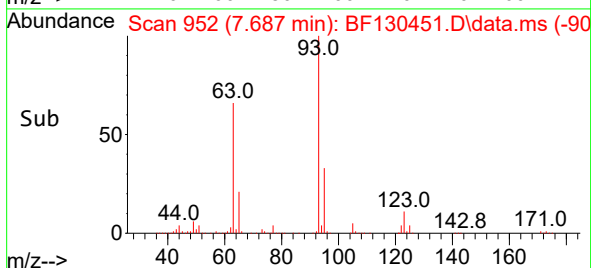
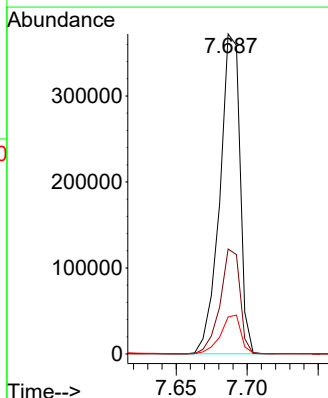
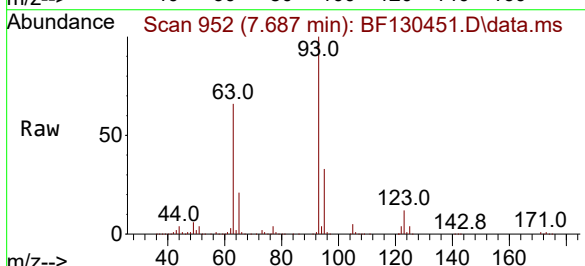
Tgt Ion: 93 Resp: 367815

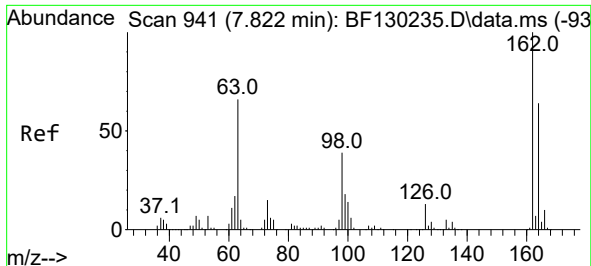
Ion Ratio Lower Upper

93 100

95 32.8 26.3 39.5

123 11.5 9.4 14.2





#29

2,4-Dichlorophenol

Concen: 49.224 ng

RT: 7.792 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF130451.D

Acq: 28 Sep 2022 16:49

Instrument :

BNA_F

ClientSampleId :

SAND-FILTER-1MSD

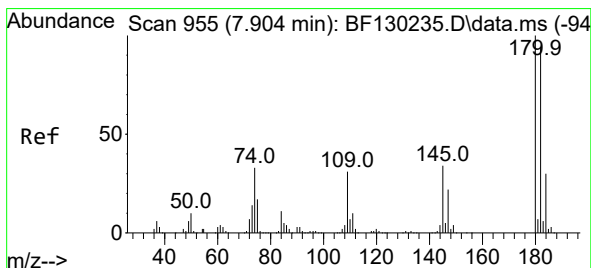
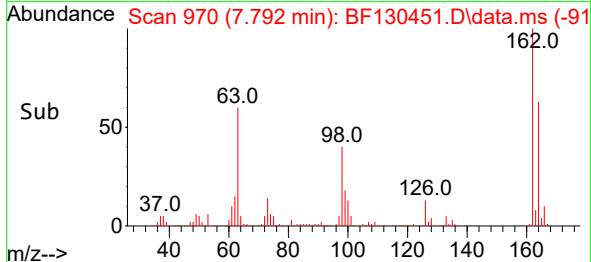
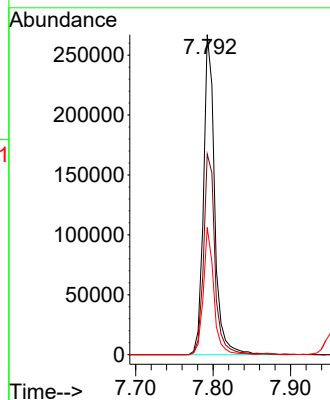
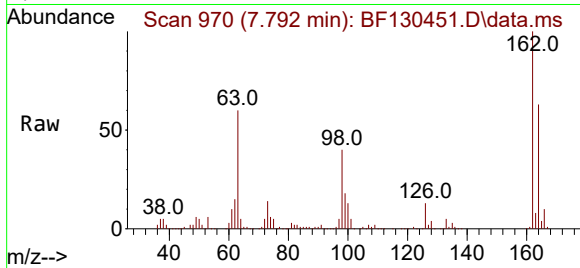
Tgt Ion:162 Resp: 267081

Ion Ratio Lower Upper

162 100

164 62.7 42.2 82.2

98 39.7 21.7 61.7



#30

1,2,4-Trichlorobenzene

Concen: 50.155 ng

RT: 7.869 min Scan# 983

Delta R.T. -0.006 min

Lab File: BF130451.D

Acq: 28 Sep 2022 16:49

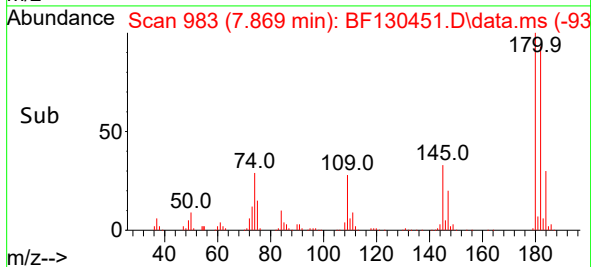
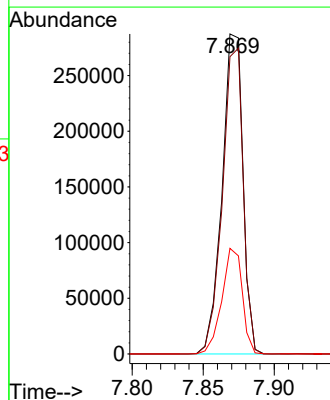
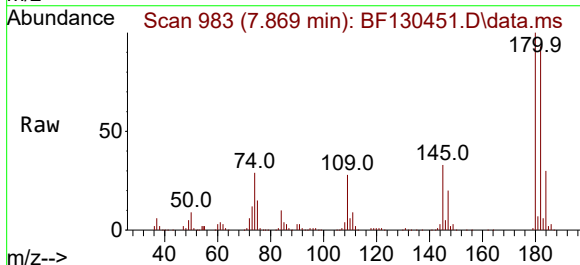
Tgt Ion:180 Resp: 294217

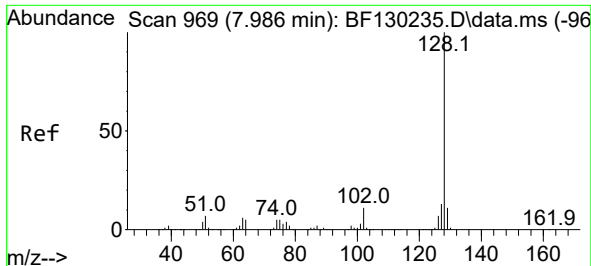
Ion Ratio Lower Upper

180 100

182 92.9 73.3 109.9

145 33.0 28.3 42.5

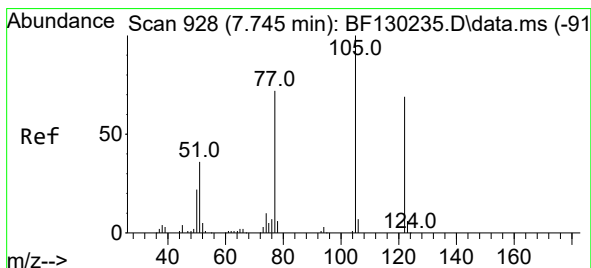
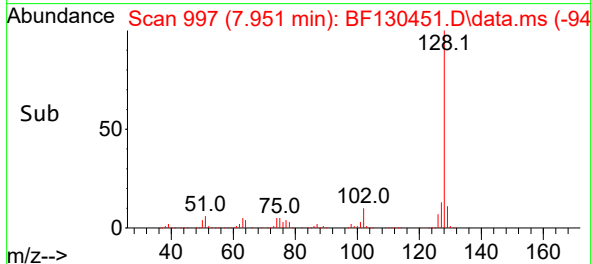
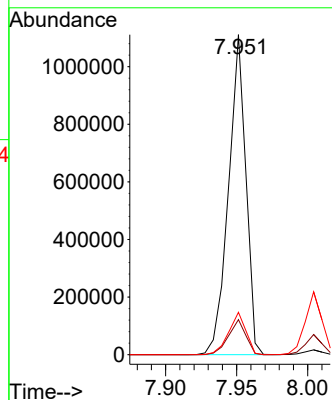
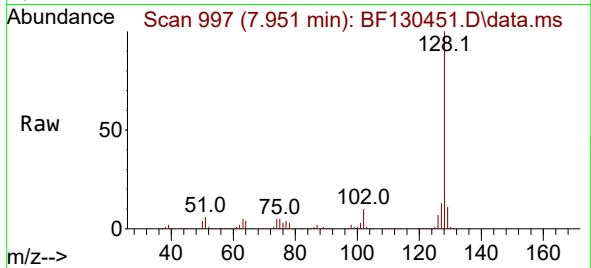




#31
Naphthalene
Concen: 46.467 ng
RT: 7.951 min Scan# 94
Delta R.T. 0.000 min
Lab File: BF130451.D
Acq: 28 Sep 2022 16:49

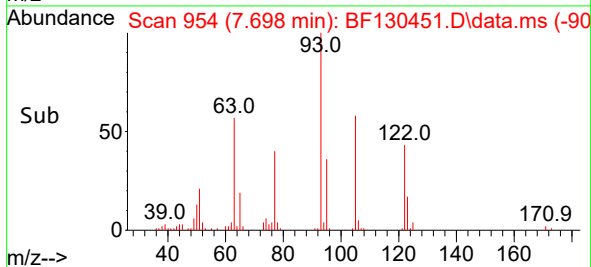
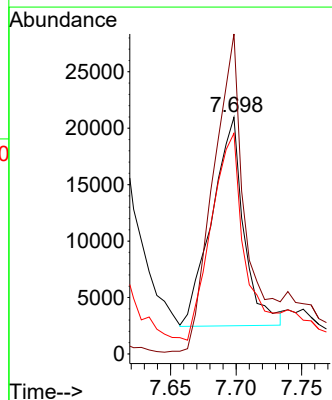
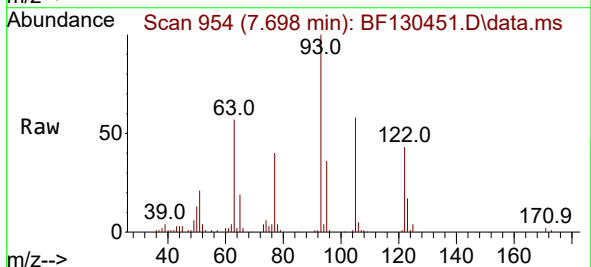
Instrument :
BNA_F
ClientSampleId :
SAND-FILTER-1MSD

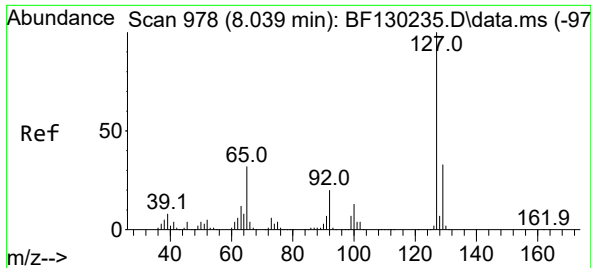
Tgt Ion:128 Resp: 944839
Ion Ratio Lower Upper
128 100
129 10.9 9.1 13.7
127 13.2 10.6 16.0



#32
Benzoic acid
Concen: 8.176 ng
RT: 7.698 min Scan# 954
Delta R.T. -0.035 min
Lab File: BF130451.D
Acq: 28 Sep 2022 16:49

Tgt Ion:122 Resp: 31307
Ion Ratio Lower Upper
122 100
105 135.2 112.9 152.9
77 93.2 82.8 122.8

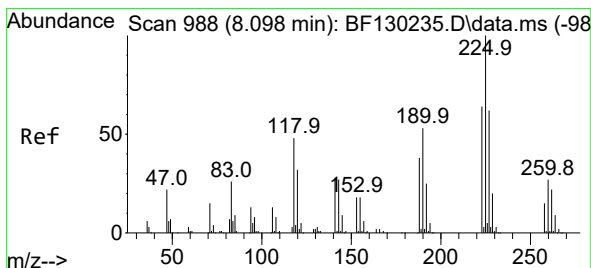
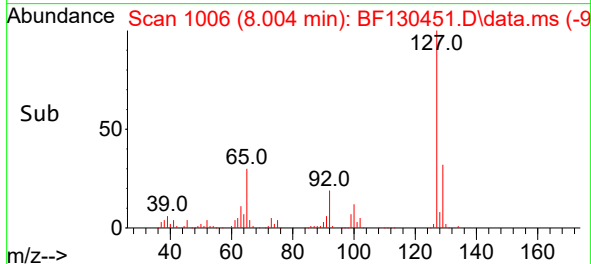
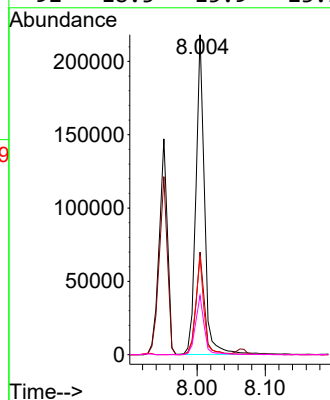
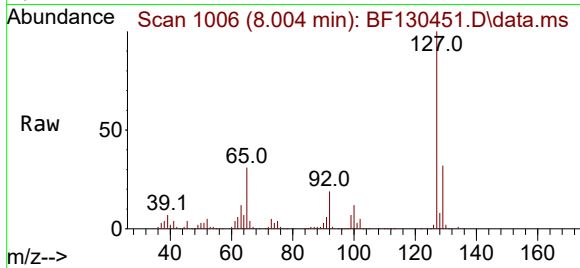




#33
4-Chloroaniline
Concen: 24.814 ng
RT: 8.004 min Scan# 1006
Delta R.T. 0.000 min
Lab File: BF130451.D
Acq: 28 Sep 2022 16:49

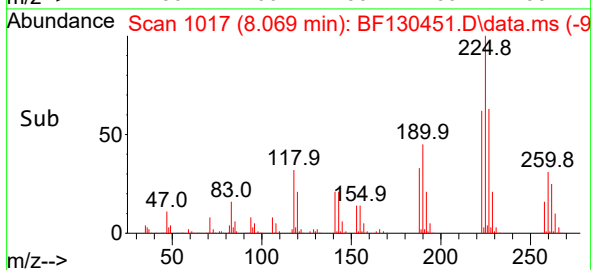
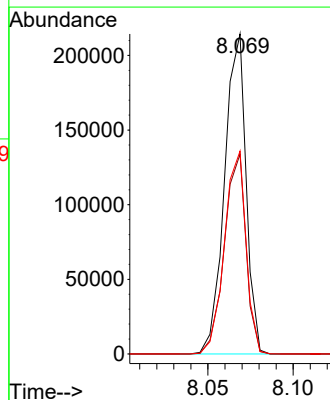
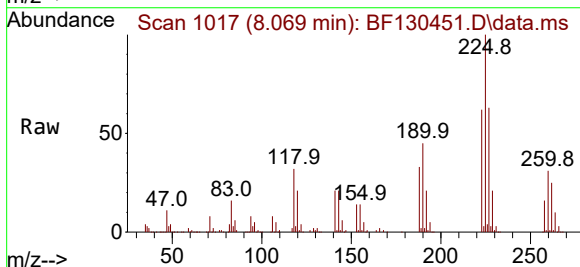
Instrument :
BNA_F
ClientSampleId :
SAND-FILTER-1MSD

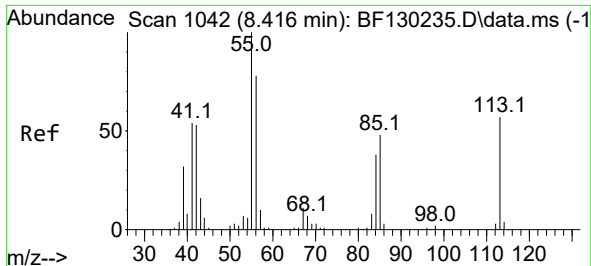
Tgt Ion:	127	Resp:	191901
Ion Ratio	Lower	Upper	
127	100		
129	32.0	25.6	38.4
65	30.7	27.0	40.6
92	18.5	15.9	23.9



#34
Hexachlorobutadiene
Concen: 50.271 ng
RT: 8.069 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BF130451.D
Acq: 28 Sep 2022 16:49

Tgt Ion:	225	Resp:	188467
Ion Ratio	Lower	Upper	
225	100		
223	62.4	50.3	75.5
227	63.4	51.1	76.7

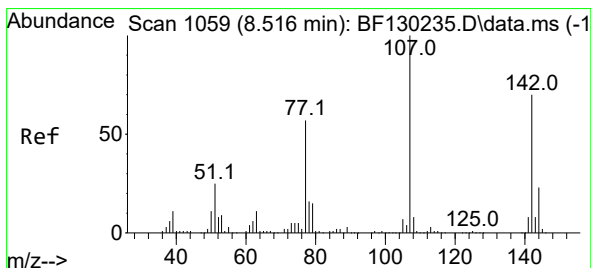
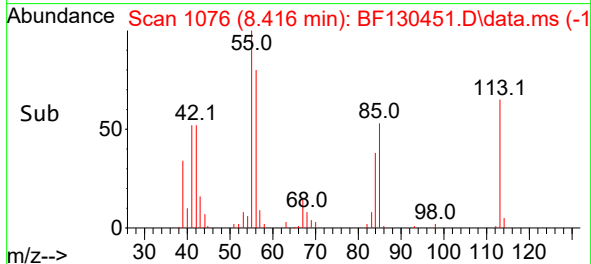
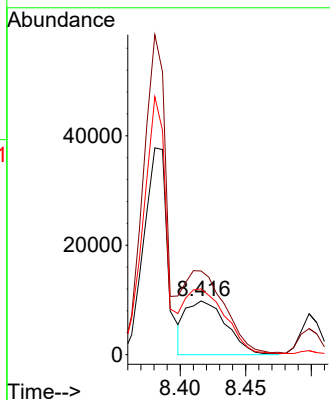
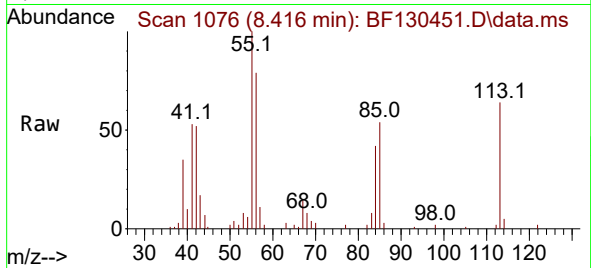




#35
 Caprolactam
 Concen: 13.593 ng
 RT: 8.416 min Scan# 1076
 Delta R.T. 0.029 min
 Lab File: BF130451.D
 Acq: 28 Sep 2022 16:49

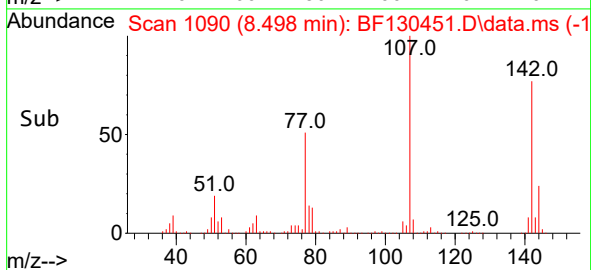
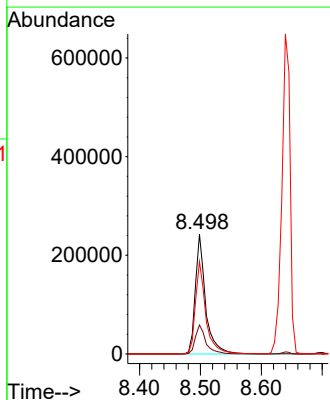
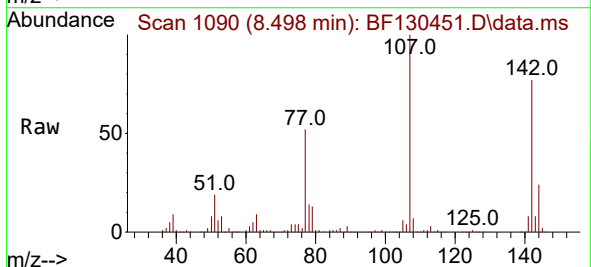
Instrument :
 BNA_F
 ClientSampleId :
 SAND-FILTER-1MSD

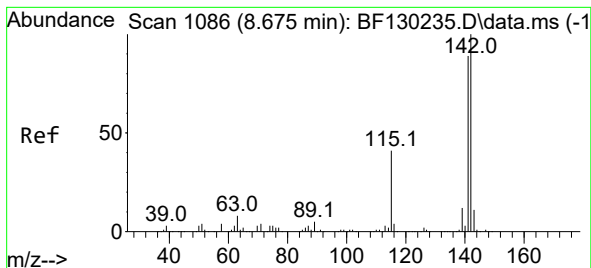
Tgt Ion:113 Resp: 21144
 Ion Ratio Lower Upper
 113 100
 55 155.6 155.4 195.4
 56 122.3 120.4 160.4



#36
 4-Chloro-3-methylphenol
 Concen: 47.301 ng
 RT: 8.498 min Scan# 1090
 Delta R.T. 0.006 min
 Lab File: BF130451.D
 Acq: 28 Sep 2022 16:49

Tgt Ion:107 Resp: 284473
 Ion Ratio Lower Upper
 107 100
 144 24.1 20.0 30.0
 142 77.0 61.3 91.9





#37

2-Methylnaphthalene

Concen: 47.261 ng

RT: 8.639 min Scan# 1114

Delta R.T. 0.000 min

Lab File: BF130451.D

Acq: 28 Sep 2022 16:49

Instrument :

BNA_F

ClientSampleId :

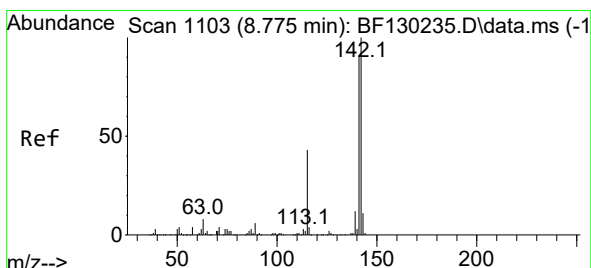
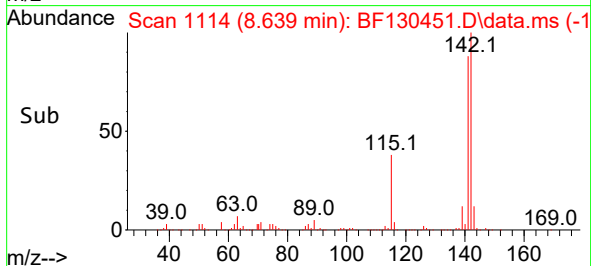
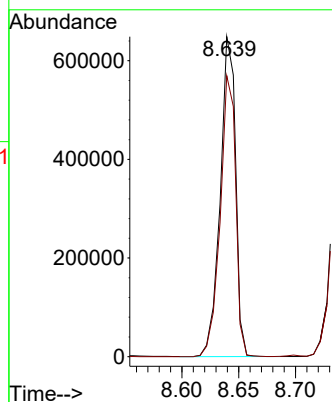
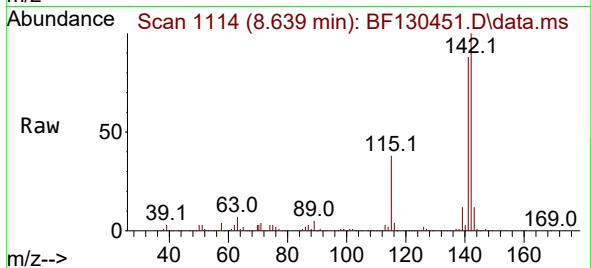
SAND-FILTER-1MSD

Tgt Ion:142 Resp: 612714

Ion Ratio Lower Upper

142 100

141 87.8 70.0 105.0



#38

1-Methylnaphthalene

Concen: 46.175 ng

RT: 8.739 min Scan# 1131

Delta R.T. 0.000 min

Lab File: BF130451.D

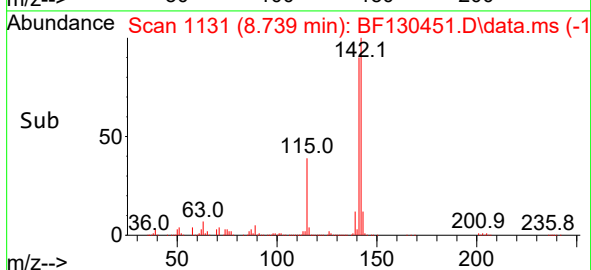
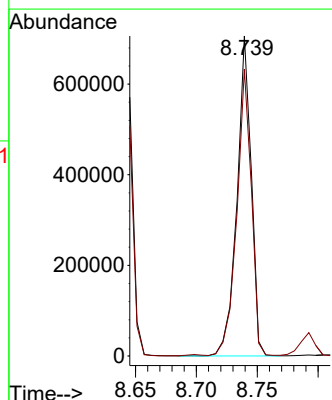
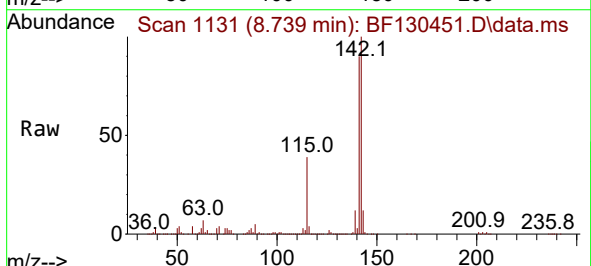
Acq: 28 Sep 2022 16:49

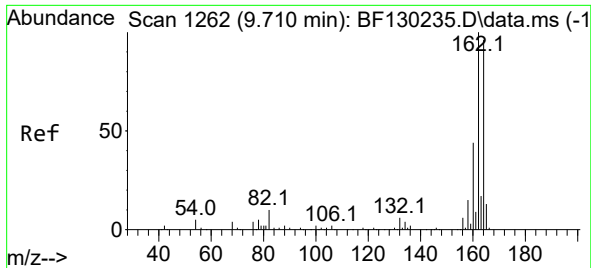
Tgt Ion:142 Resp: 575076

Ion Ratio Lower Upper

142 100

141 89.7 73.8 110.8

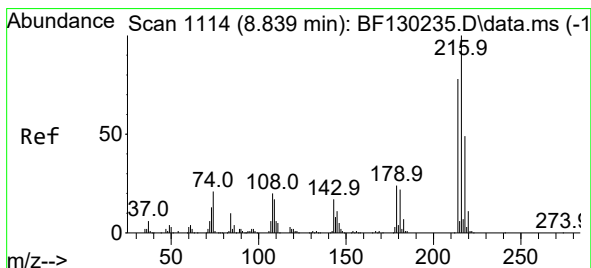
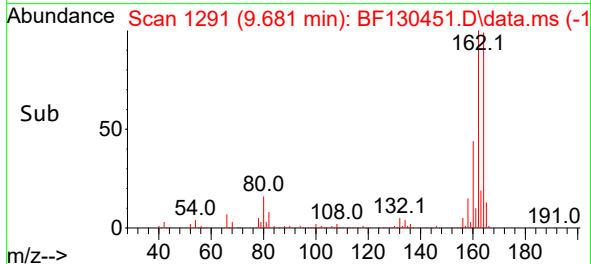
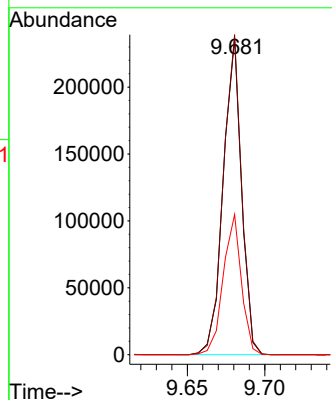
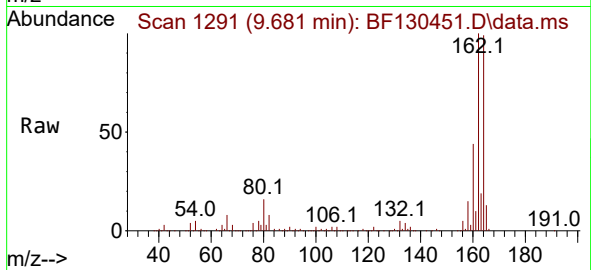




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.681 min Scan# 1143
Delta R.T. 0.000 min
Lab File: BF130451.D
Acq: 28 Sep 2022 16:49

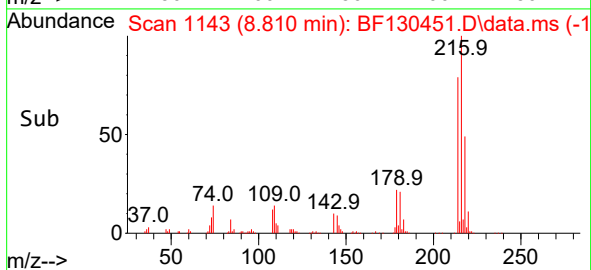
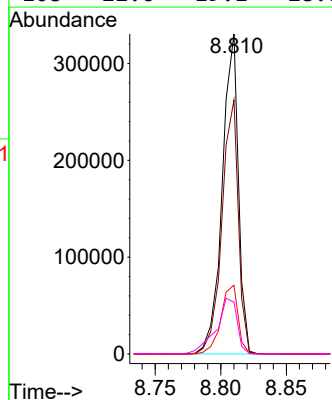
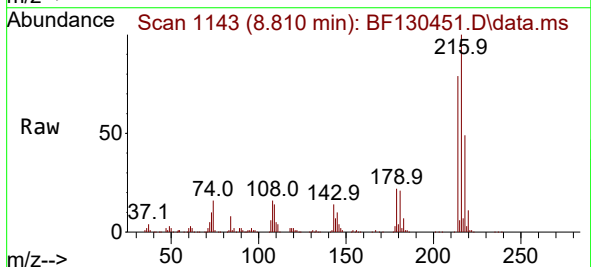
Instrument :
BNA_F
ClientSampleId :
SAND-FILTER-1MSD

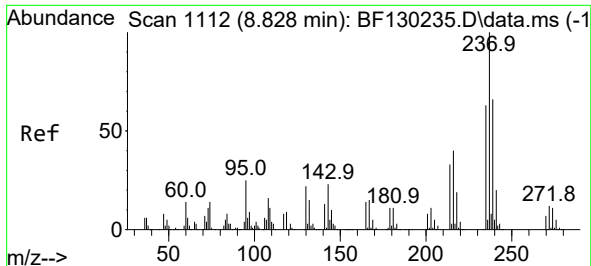
Tgt Ion:164 Resp: 193823
Ion Ratio Lower Upper
164 100
162 101.2 81.4 122.0
160 44.3 36.2 54.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.344 ng
RT: 8.810 min Scan# 1143
Delta R.T. 0.006 min
Lab File: BF130451.D
Acq: 28 Sep 2022 16:49

Tgt Ion:216 Resp: 282164
Ion Ratio Lower Upper
216 100
214 80.6 62.8 94.2
179 22.8 19.5 29.3
108 22.6 19.1 28.7

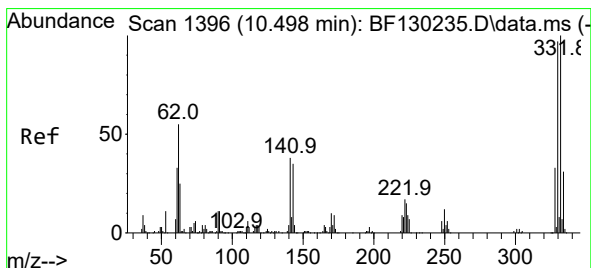
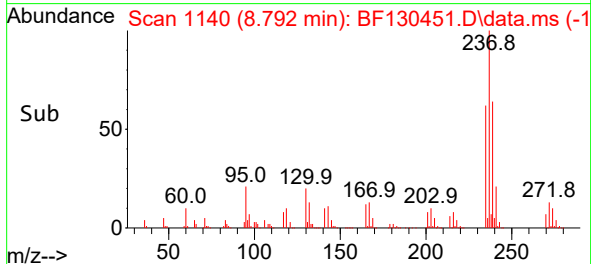
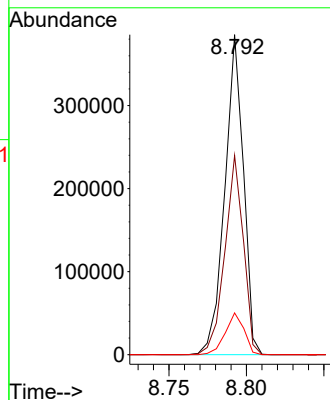
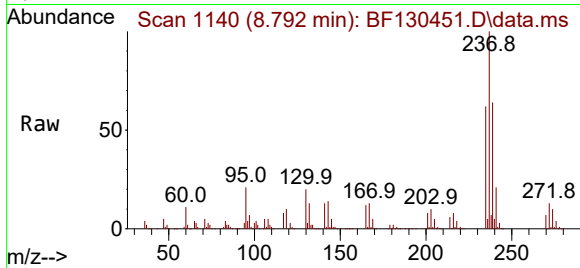




#41
Hexachlorocyclopentadiene
Concen: 113.764 ng
RT: 8.792 min Scan# 1112
Delta R.T. 0.000 min
Lab File: BF130451.D
Acq: 28 Sep 2022 16:49

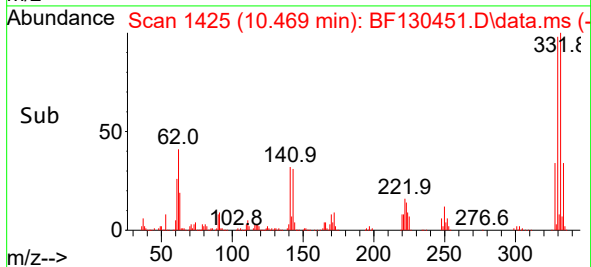
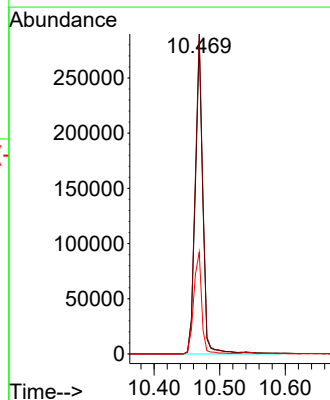
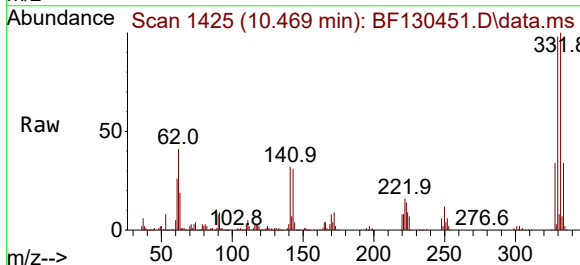
Instrument :
BNA_F
ClientSampleId :
SAND-FILTER-1MSD

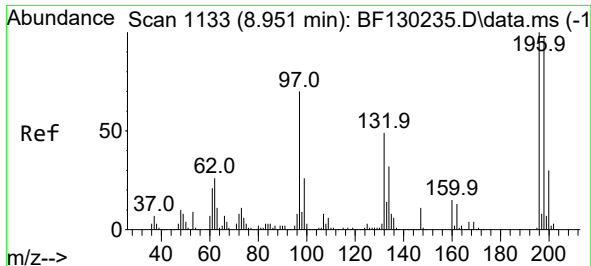
Tgt Ion:237 Resp: 322175
Ion Ratio Lower Upper
237 100
235 62.3 42.5 82.5
272 13.0 0.0 32.8



#42
2,4,6-Tribromophenol
Concen: 122.703 ng
RT: 10.469 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF130451.D
Acq: 28 Sep 2022 16:49

Tgt Ion:330 Resp: 227883
Ion Ratio Lower Upper
330 100
332 104.2 83.4 125.2
141 34.0 34.0 51.0#

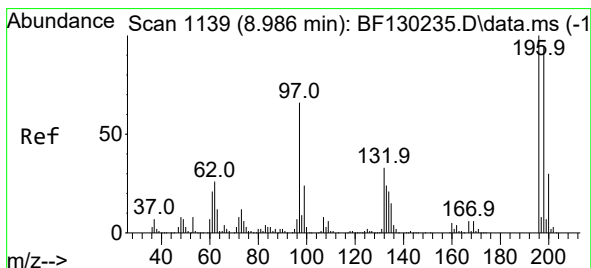
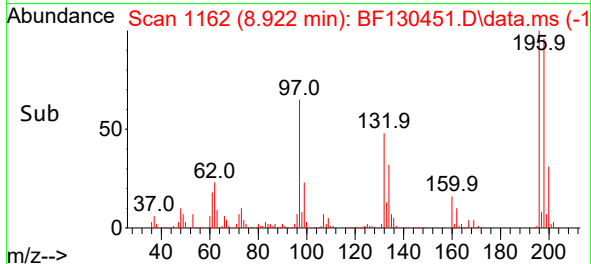
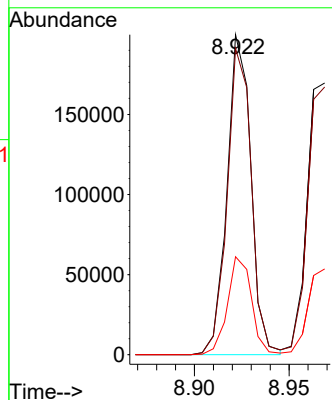
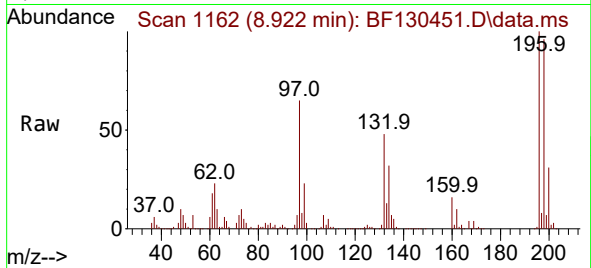




#43
 2,4,6-Trichlorophenol
 Concen: 47.428 ng
 RT: 8.922 min Scan# 1162
 Delta R.T. 0.000 min
 Lab File: BF130451.D
 Acq: 28 Sep 2022 16:49

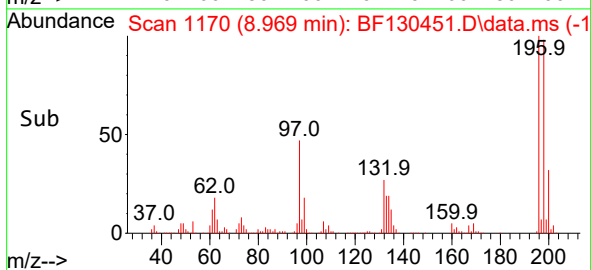
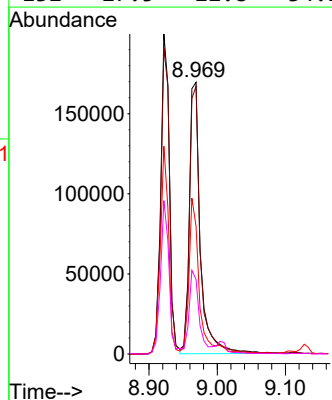
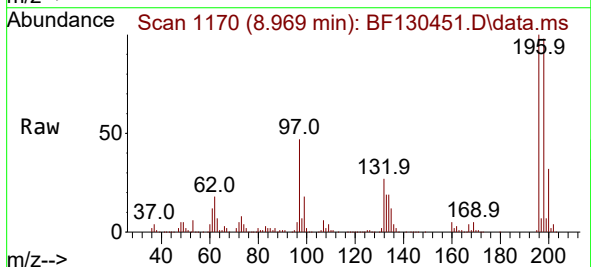
Instrument :
 BNA_F
 ClientSampleId :
 SAND-FILTER-1MSD

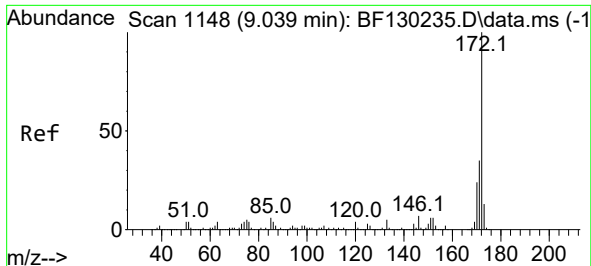
Tgt Ion:196 Resp: 175084
 Ion Ratio Lower Upper
 196 100
 198 95.7 72.4 108.6
 200 30.6 23.8 35.6



#44
 2,4,5-Trichlorophenol
 Concen: 47.689 ng
 RT: 8.969 min Scan# 1170
 Delta R.T. 0.006 min
 Lab File: BF130451.D
 Acq: 28 Sep 2022 16:49

Tgt Ion:196 Resp: 189977
 Ion Ratio Lower Upper
 196 100
 198 98.5 74.8 112.2
 97 47.0 43.7 65.5
 132 27.5 22.8 34.2

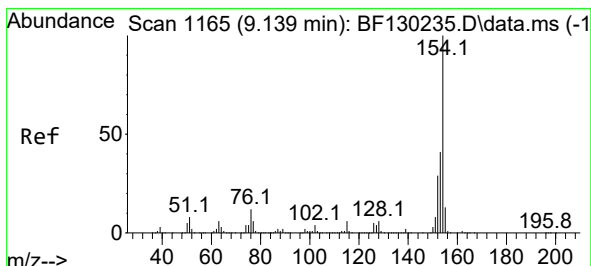
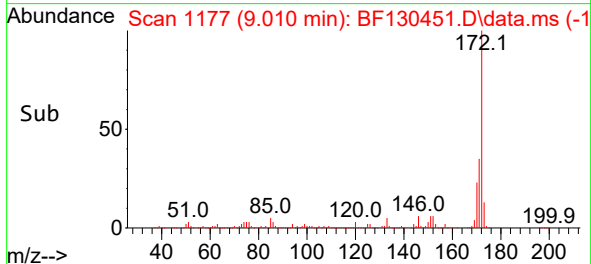
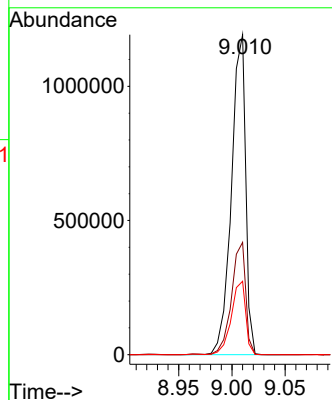
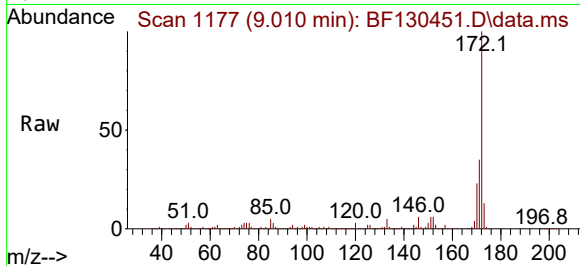




#45
2-Fluorobiphenyl
Concen: 83.398 ng
RT: 9.010 min Scan# 1110
Delta R.T. 0.000 min
Lab File: BF130451.D
Acq: 28 Sep 2022 16:49

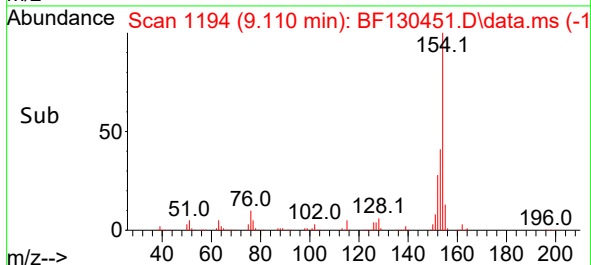
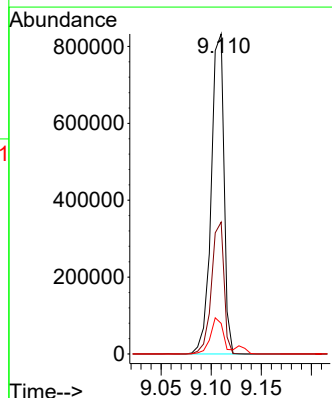
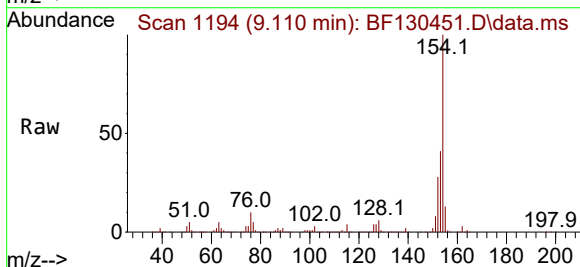
Instrument :
BNA_F
ClientSampleId :
SAND-FILTER-1MSD

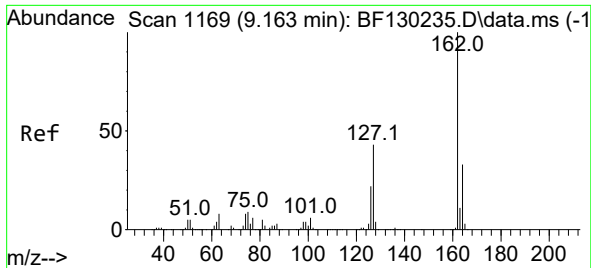
Tgt Ion:172 Resp: 1110054
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 23.0 18.7 28.1



#46
1,1'-Biphenyl
Concen: 50.824 ng
RT: 9.110 min Scan# 1194
Delta R.T. 0.006 min
Lab File: BF130451.D
Acq: 28 Sep 2022 16:49

Tgt Ion:154 Resp: 735707
Ion Ratio Lower Upper
154 100
153 41.2 20.0 60.0
76 9.6 0.0 33.3

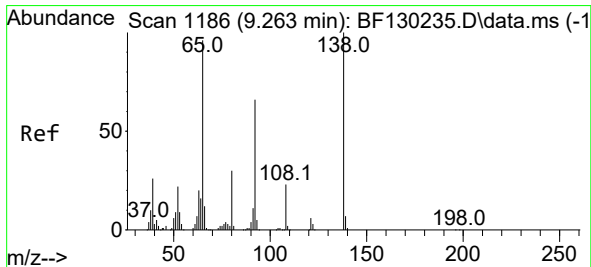
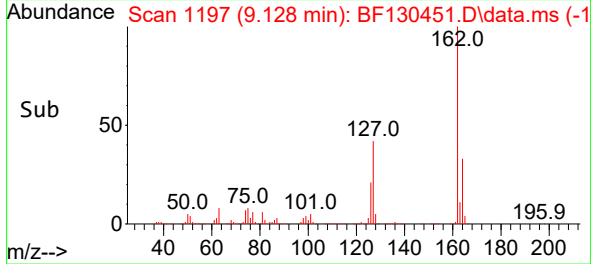
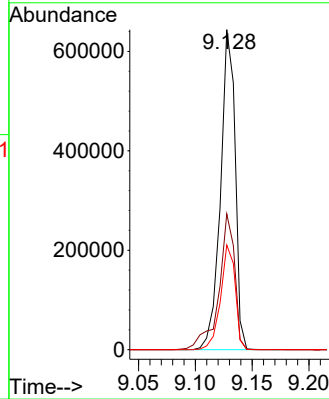
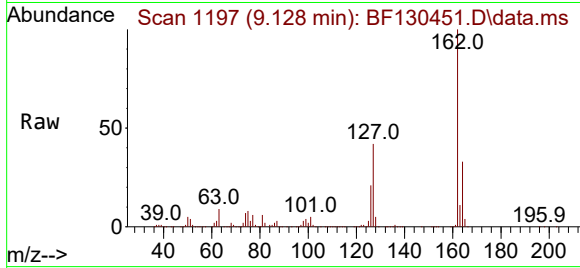




#47
2-Chloronaphthalene
Concen: 49.481 ng
RT: 9.128 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BF130451.D
Acq: 28 Sep 2022 16:49

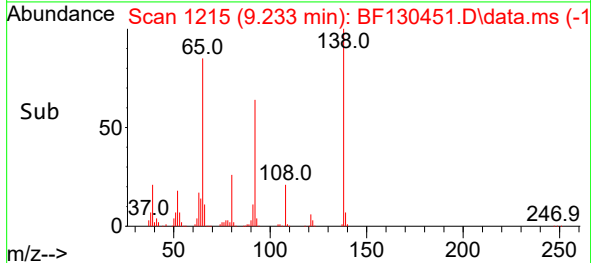
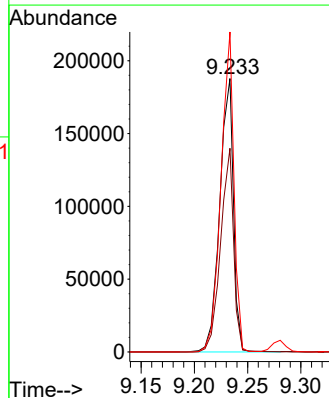
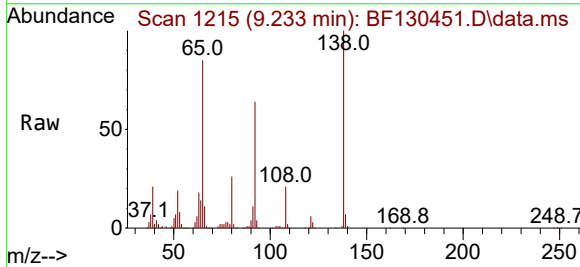
Instrument :
BNA_F
ClientSampleId :
SAND-FILTER-1MSD

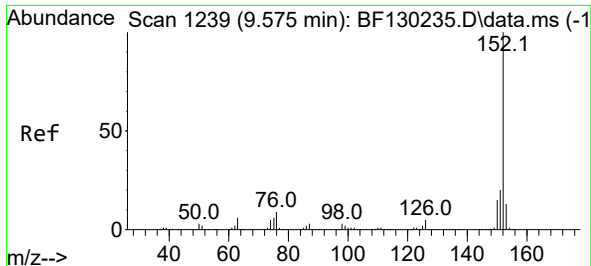
Tgt Ion:162 Resp: 579416
Ion Ratio Lower Upper
162 100
127 42.5 35.9 53.9
164 32.7 26.2 39.2



#48
2-Nitroaniline
Concen: 42.907 ng
RT: 9.233 min Scan# 1215
Delta R.T. 0.000 min
Lab File: BF130451.D
Acq: 28 Sep 2022 16:49

Tgt Ion: 65 Resp: 167575
Ion Ratio Lower Upper
65 100
92 74.4 52.2 78.4
138 117.0 77.0 115.4#





#49

Acenaphthylene

Concen: 48.042 ng

RT: 9.545 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF130451.D

Acq: 28 Sep 2022 16:49

Instrument :

BNA_F

ClientSampleId :

SAND-FILTER-1MSD

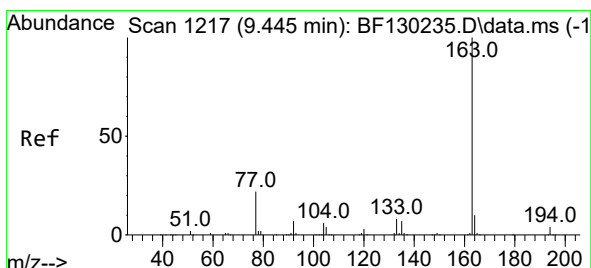
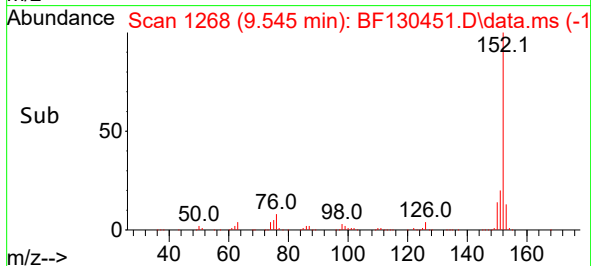
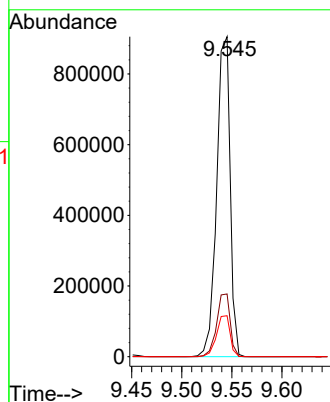
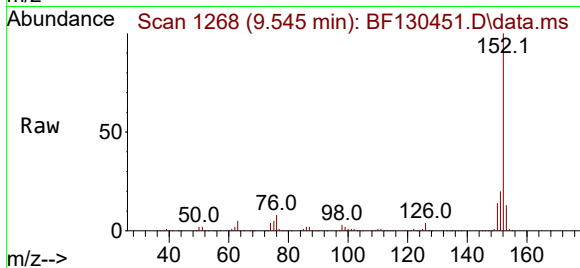
Tgt Ion:152 Resp: 843475

Ion Ratio Lower Upper

152 100

151 19.6 16.2 24.2

153 12.8 10.6 15.8



#50

Dimethylphthalate

Concen: 48.160 ng

RT: 9.416 min Scan# 1246

Delta R.T. 0.000 min

Lab File: BF130451.D

Acq: 28 Sep 2022 16:49

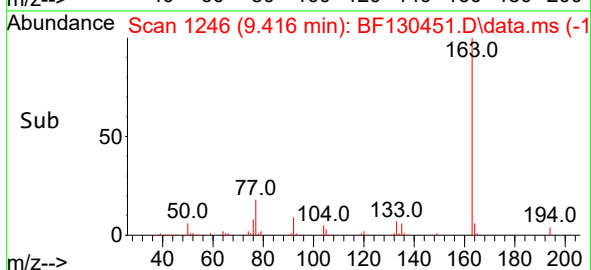
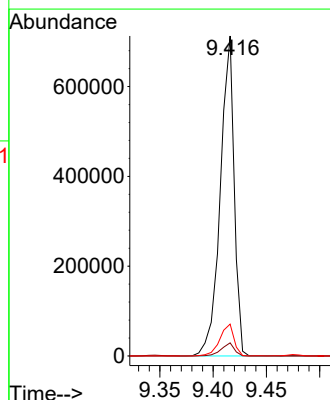
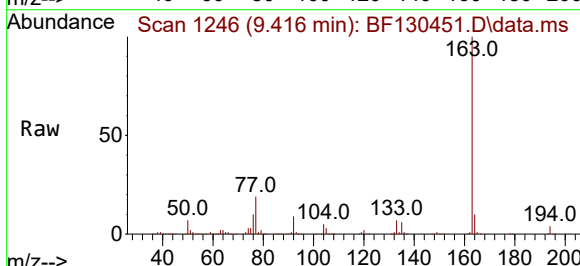
Tgt Ion:163 Resp: 644790

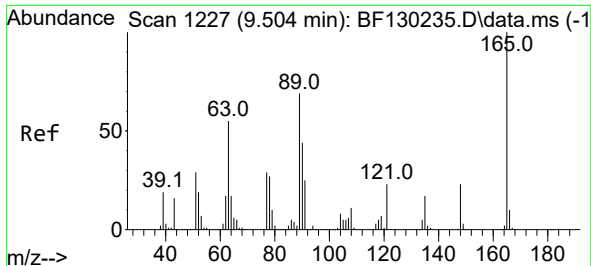
Ion Ratio Lower Upper

163 100

194 4.1 2.8 4.2

164 9.9 8.2 12.2

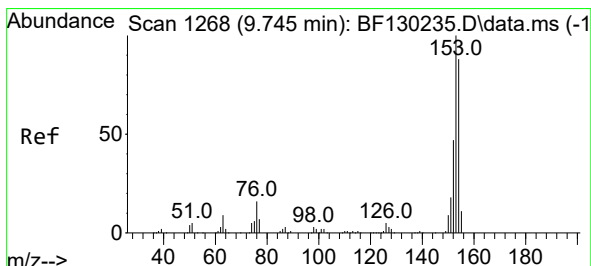
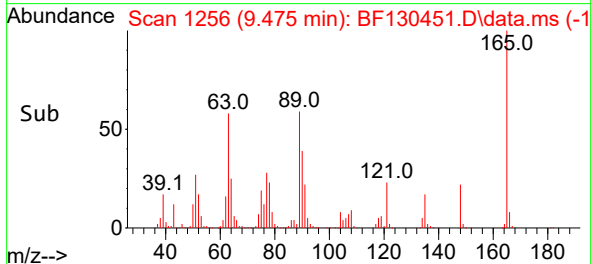
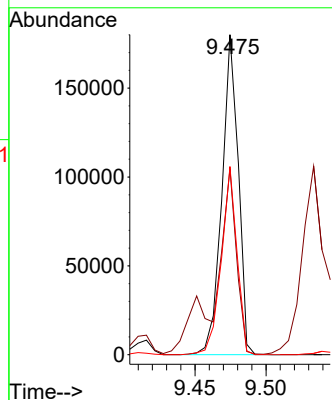
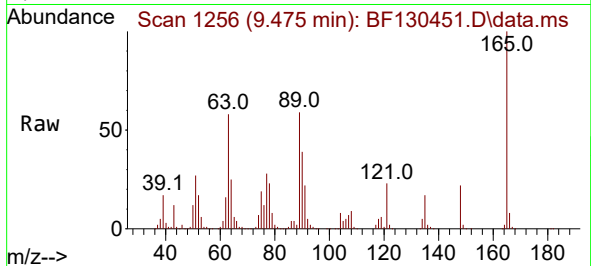




#51
2,6-Dinitrotoluene
Concen: 51.344 ng
RT: 9.475 min Scan# 1227
Delta R.T. 0.000 min
Lab File: BF130451.D
Acq: 28 Sep 2022 16:49

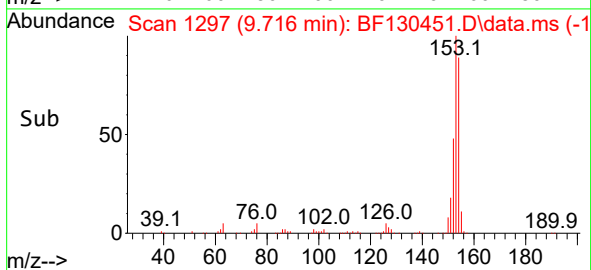
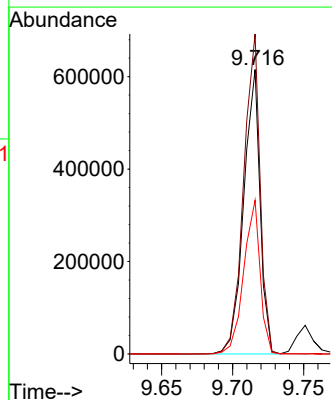
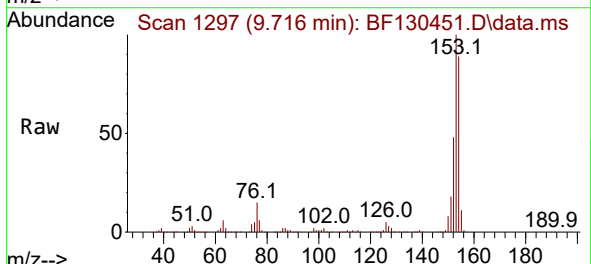
Instrument :
BNA_F
ClientSampleId :
SAND-FILTER-1MSD

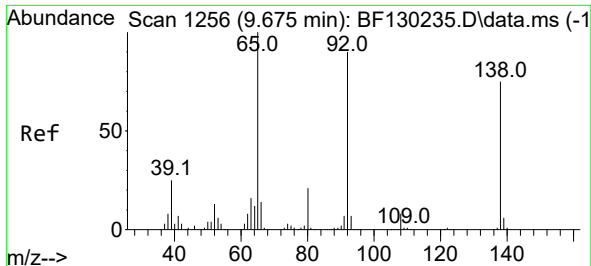
Tgt Ion:165 Resp: 143764
Ion Ratio Lower Upper
165 100
63 58.2 58.8 88.2#
89 58.8 54.5 81.7



#52
Acenaphthene
Concen: 42.970 ng
RT: 9.716 min Scan# 1297
Delta R.T. 0.000 min
Lab File: BF130451.D
Acq: 28 Sep 2022 16:49

Tgt Ion:154 Resp: 495679
Ion Ratio Lower Upper
154 100
153 112.5 90.6 136.0
152 54.0 43.8 65.6

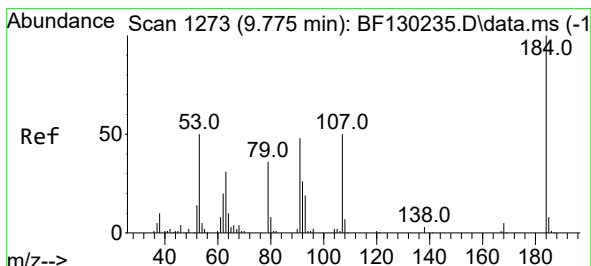
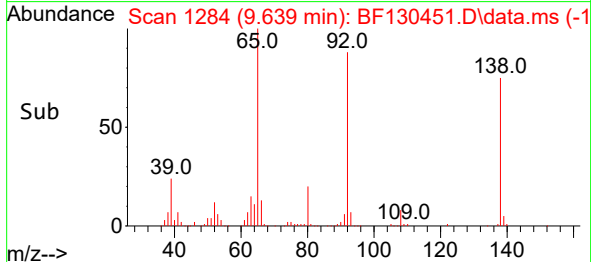
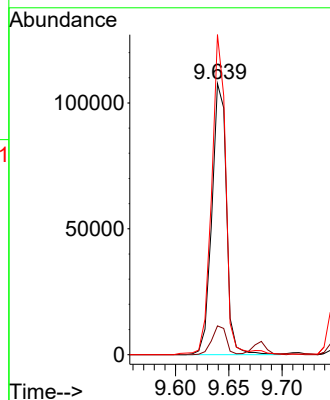
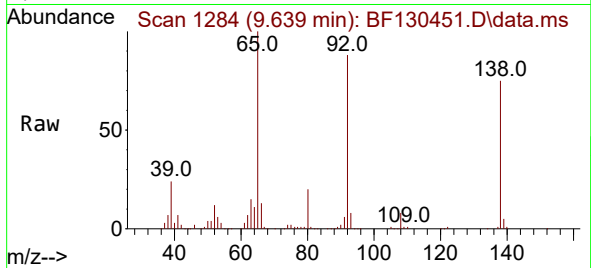




#53
3-Nitroaniline
Concen: 32.907 ng
RT: 9.639 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130451.D
Acq: 28 Sep 2022 16:49

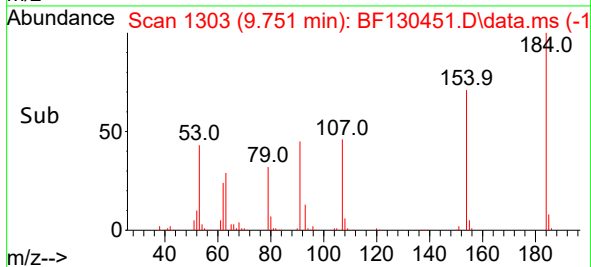
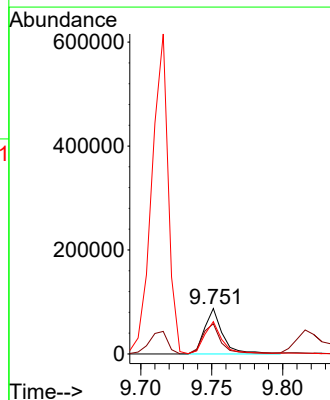
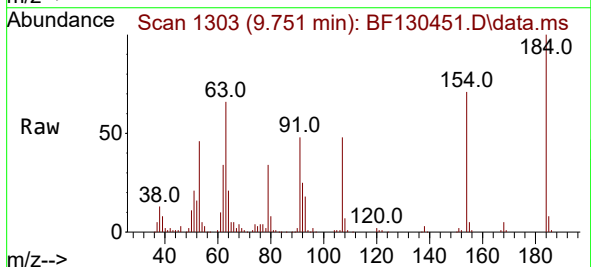
Instrument :
BNA_F
ClientSampleId :
SAND-FILTER-1MSD

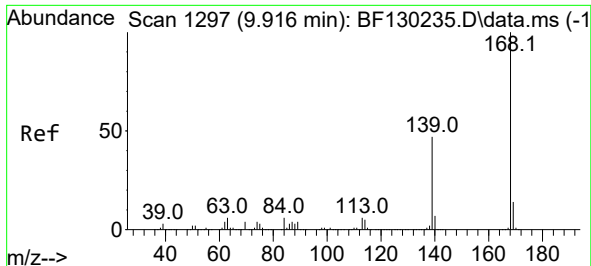
Tgt Ion:138 Resp: 102671
Ion Ratio Lower Upper
138 100
108 10.6 9.2 13.8
92 118.0 99.2 148.8



#54
2,4-Dinitrophenol
Concen: 53.498 ng
RT: 9.751 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BF130451.D
Acq: 28 Sep 2022 16:49

Tgt Ion:184 Resp: 77846
Ion Ratio Lower Upper
184 100
63 66.5 70.0 105.0#
154 71.2 63.0 94.6

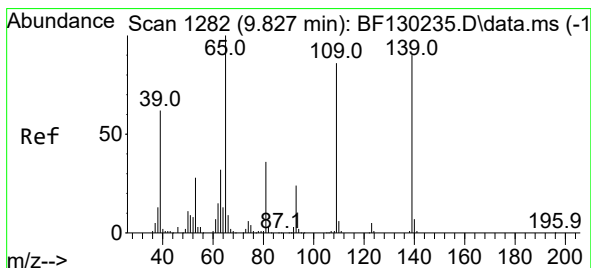
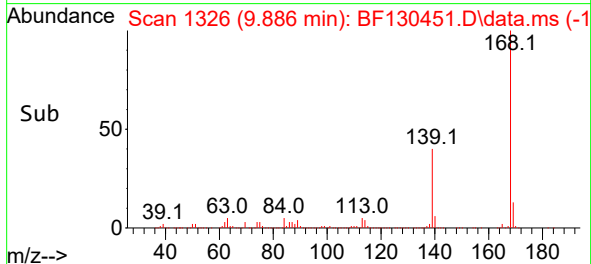
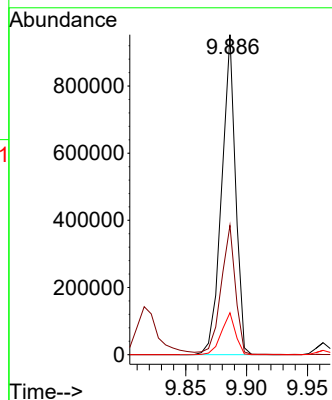
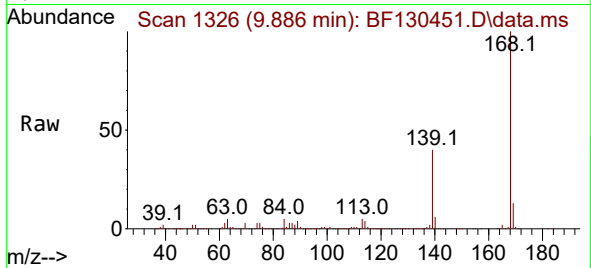




#55
Dibenzenofuran
Concen: 47.243 ng
RT: 9.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF130451.D
Acq: 28 Sep 2022 16:49

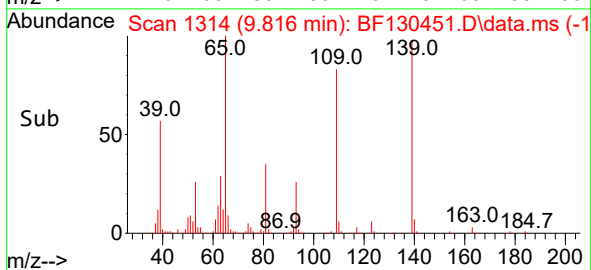
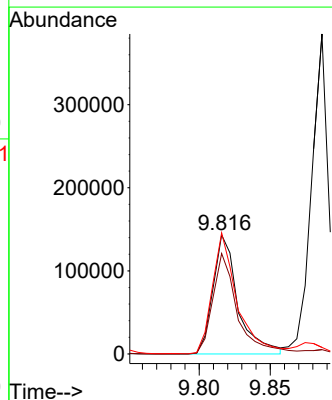
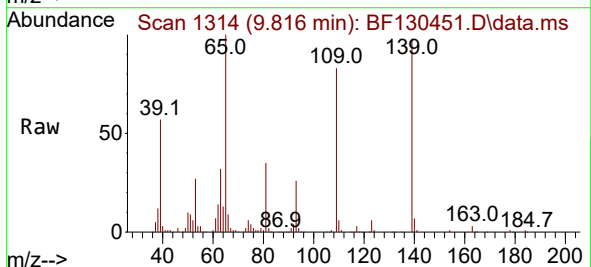
Instrument :
BNA_F
ClientSampleId :
SAND-FILTER-1MSD

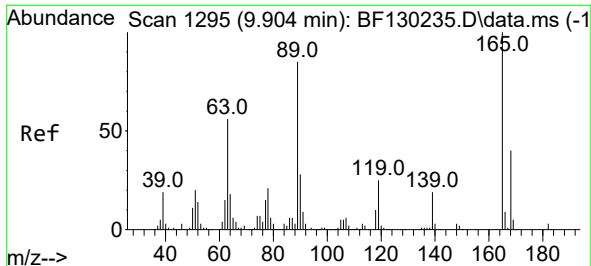
Tgt Ion:168 Resp: 758013
Ion Ratio Lower Upper
168 100
139 40.4 35.0 52.4
169 13.1 10.9 16.3



#56
4-Nitrophenol
Concen: 77.324 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.006 min
Lab File: BF130451.D
Acq: 28 Sep 2022 16:49

Tgt Ion:139 Resp: 175718
Ion Ratio Lower Upper
139 100
109 84.4 72.2 112.2
65 101.8 97.7 137.7

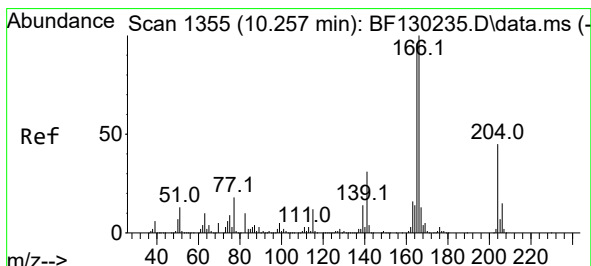
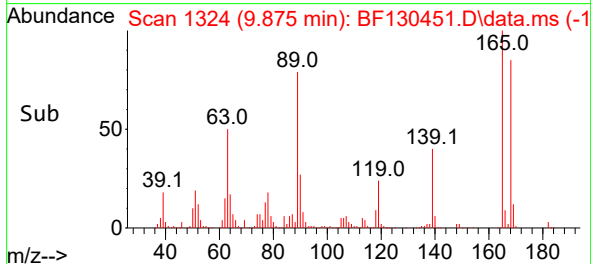
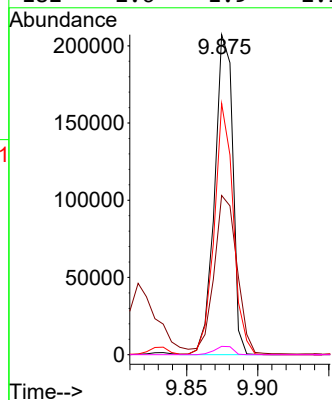
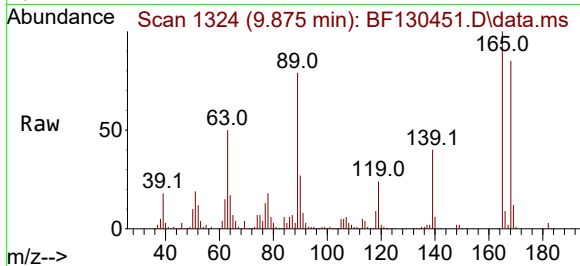




#57
2,4-Dinitrotoluene
Concen: 51.555 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF130451.D
Acq: 28 Sep 2022 16:49

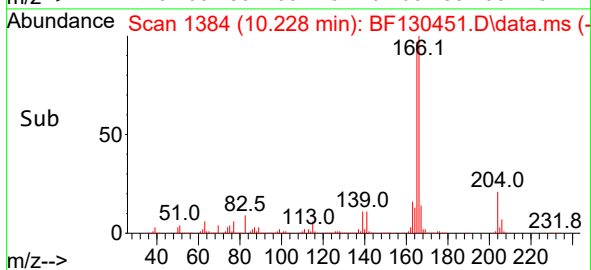
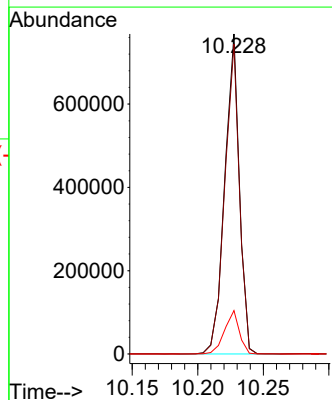
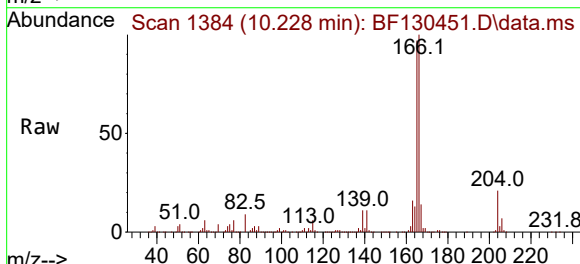
Instrument :
BNA_F
ClientSampleId :
SAND-FILTER-1MSD

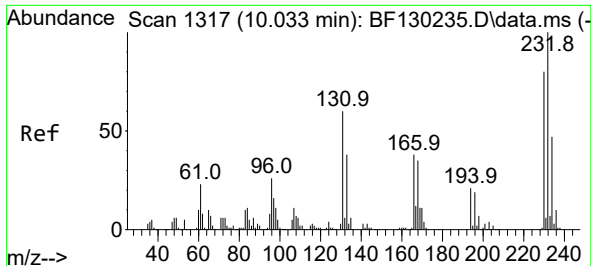
Tgt Ion:165 Resp: 184491
Ion Ratio Lower Upper
165 100
63 49.7 44.7 67.1
89 78.5 69.0 103.4
182 2.6 1.9 2.9



#58
Fluorene
Concen: 45.370 ng
RT: 10.228 min Scan# 1384
Delta R.T. 0.000 min
Lab File: BF130451.D
Acq: 28 Sep 2022 16:49

Tgt Ion:166 Resp: 595353
Ion Ratio Lower Upper
166 100
165 96.8 78.8 118.2
167 13.5 10.6 15.8

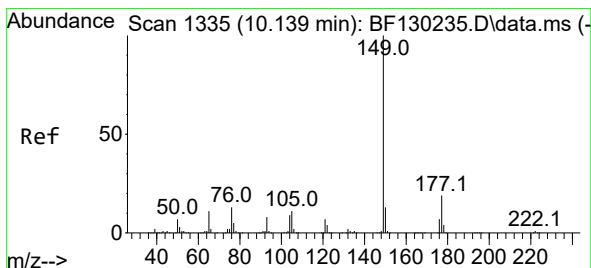
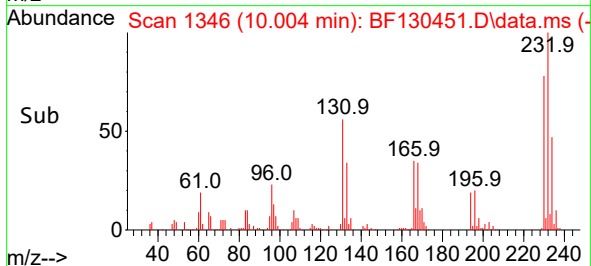
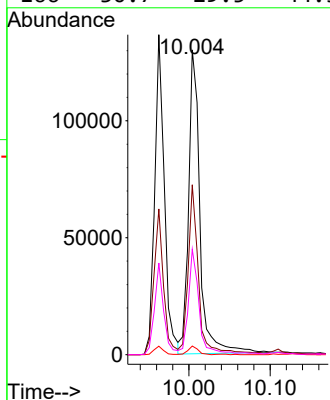
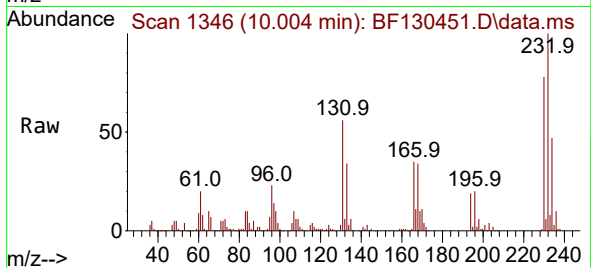




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.462 ng
RT: 10.004 min Scan# 1317
Delta R.T. 0.000 min
Lab File: BF130451.D
Acq: 28 Sep 2022 16:49

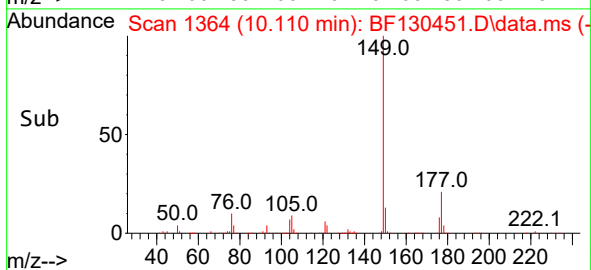
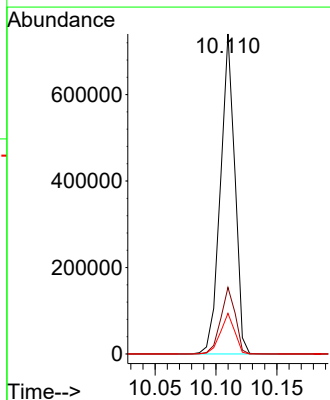
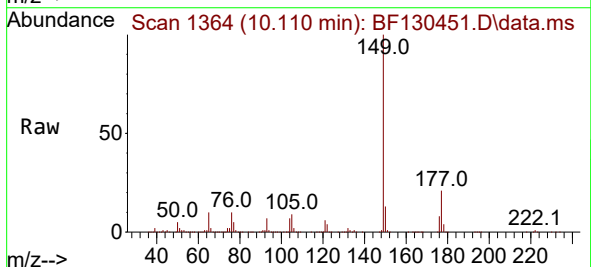
Instrument :
BNA_F
ClientSampleId :
SAND-FILTER-1MSD

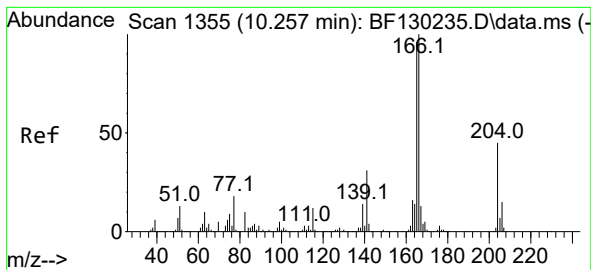
Tgt Ion:232 Resp: 126164
Ion Ratio Lower Upper
232 100
131 49.4 46.4 69.6
130 2.5 2.3 3.5
166 30.7 29.5 44.3



#60
Diethylphthalate
Concen: 45.444 ng
RT: 10.110 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BF130451.D
Acq: 28 Sep 2022 16:49

Tgt Ion:149 Resp: 610134
Ion Ratio Lower Upper
149 100
177 20.8 16.1 24.1
150 12.7 9.9 14.9

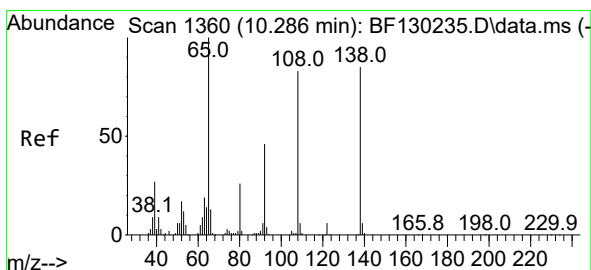
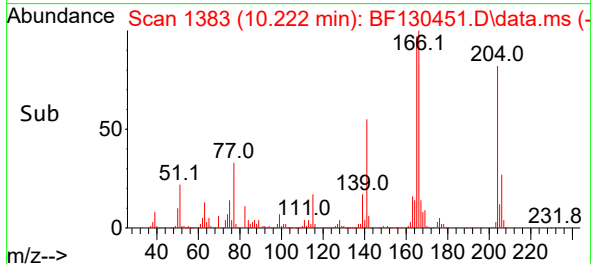
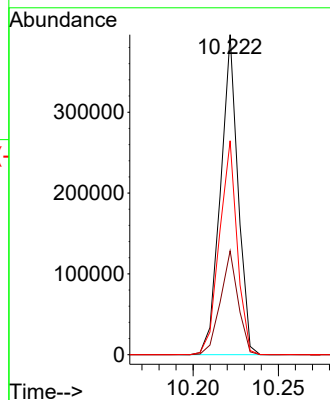
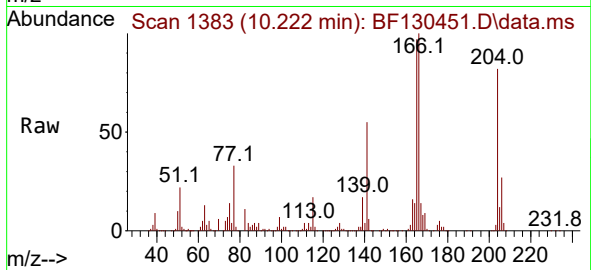




#61
4-Chlorophenyl-phenylether
Concen: 49.033 ng
RT: 10.222 min Scan# 1383
Delta R.T. 0.000 min
Lab File: BF130451.D
Acq: 28 Sep 2022 16:49

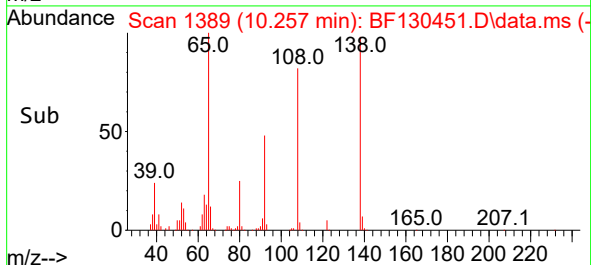
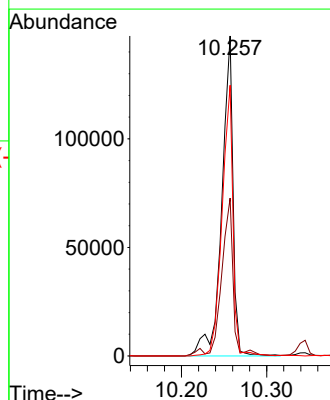
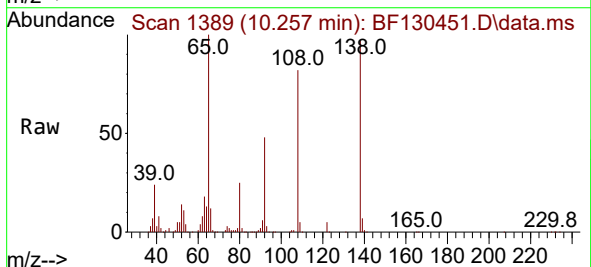
Instrument :
BNA_F
ClientSampleId :
SAND-FILTER-1MSD

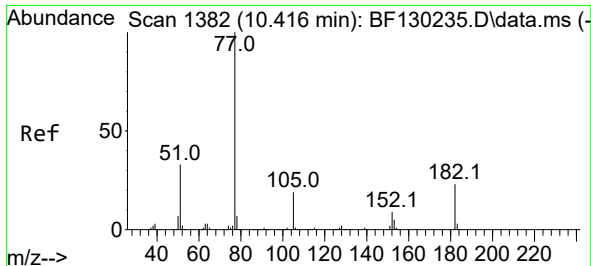
Tgt Ion:204 Resp: 282252
Ion Ratio Lower Upper
204 100
206 32.4 26.6 39.8
141 66.8 57.1 85.7



#62
4-Nitroaniline
Concen: 43.174 ng
RT: 10.257 min Scan# 1389
Delta R.T. 0.006 min
Lab File: BF130451.D
Acq: 28 Sep 2022 16:49

Tgt Ion:138 Resp: 135320
Ion Ratio Lower Upper
138 100
92 49.4 36.7 76.7
108 84.6 78.2 118.2

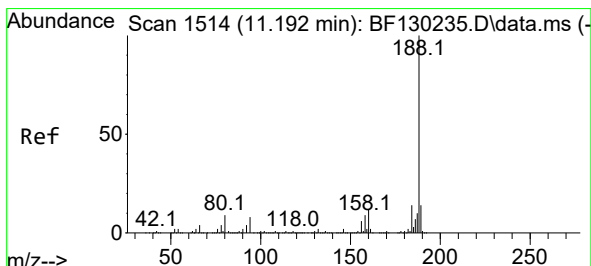
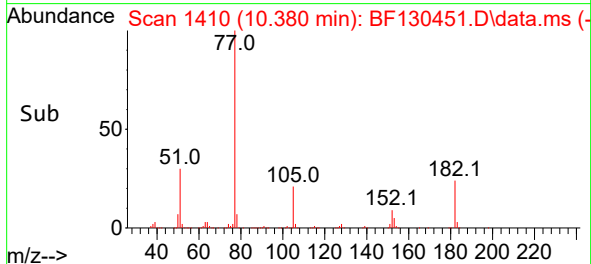
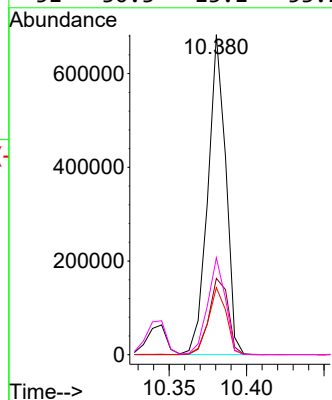
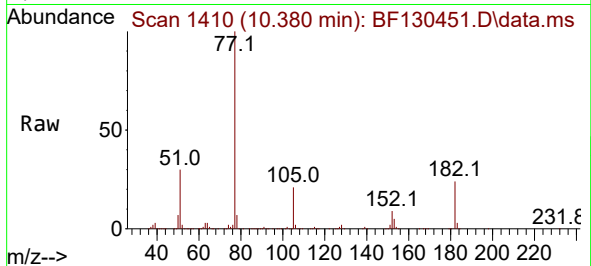




#63
Azobenzene
Concen: 39.476 ng
RT: 10.380 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF130451.D
Acq: 28 Sep 2022 16:49

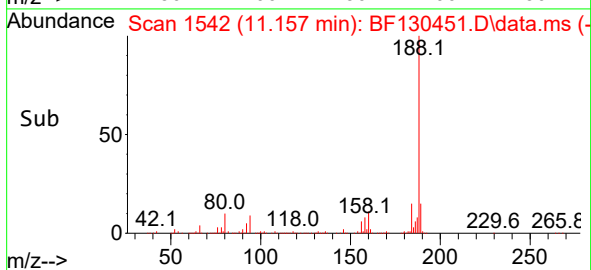
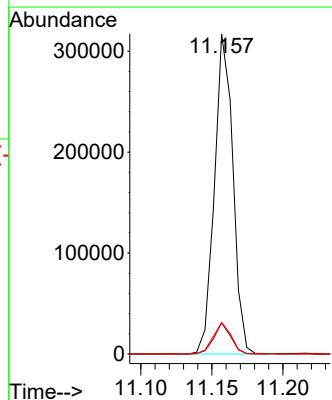
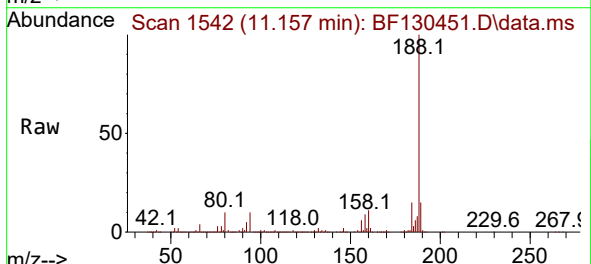
Instrument :
BNA_F
ClientSampleId :
SAND-FILTER-1MSD

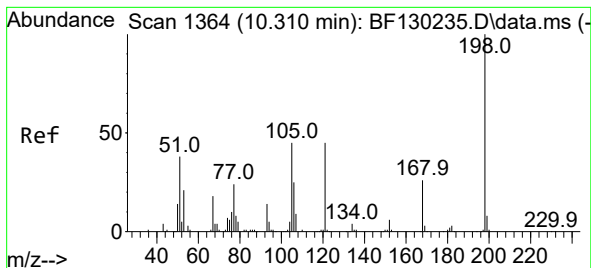
Tgt Ion: 77	Resp: 545754
Ion Ratio	Lower Upper
77 100	
182 23.9	2.1 42.1
105 20.9	0.0 39.4
51 30.3	13.1 53.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.157 min Scan# 1542
Delta R.T. 0.000 min
Lab File: BF130451.D
Acq: 28 Sep 2022 16:49

Tgt Ion: 188	Resp: 285627
Ion Ratio	Lower Upper
188 100	
94 9.7	7.4 11.2
80 9.8	7.9 11.9

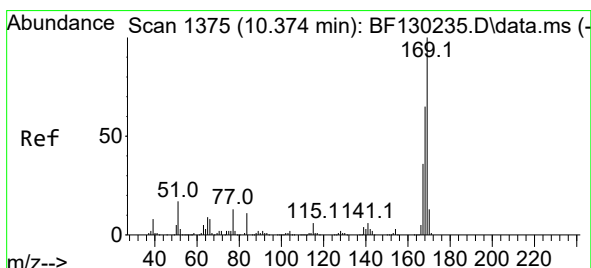
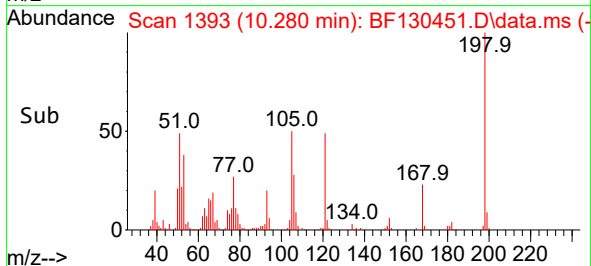
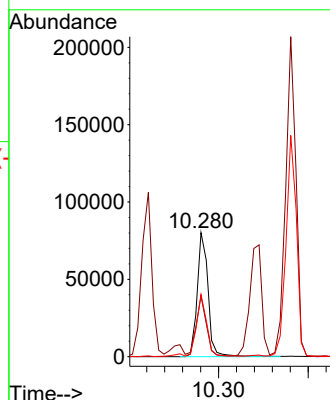
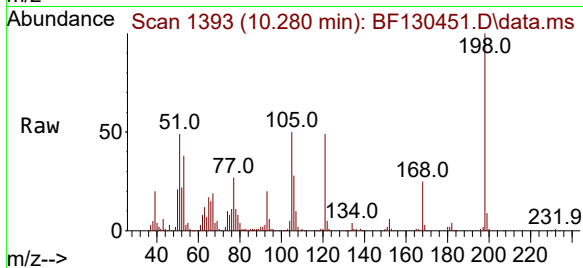




#65
4,6-Dinitro-2-methylphenol
Concen: 42.350 ng
RT: 10.280 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF130451.D
Acq: 28 Sep 2022 16:49

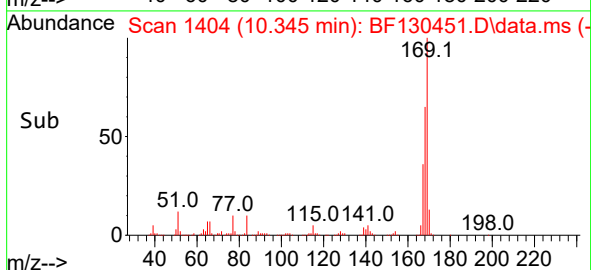
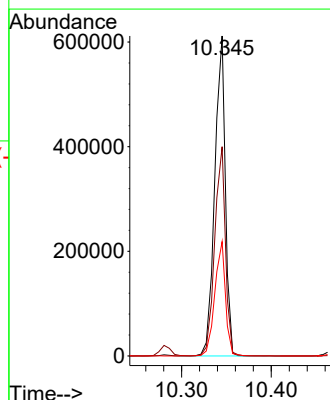
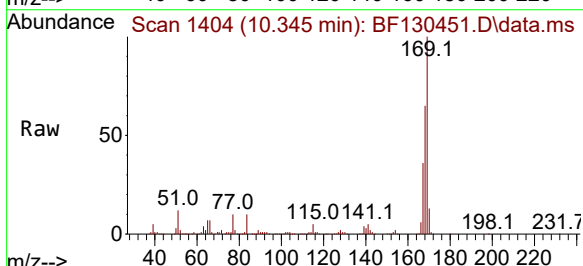
Instrument :
BNA_F
ClientSampleId :
SAND-FILTER-1MSD

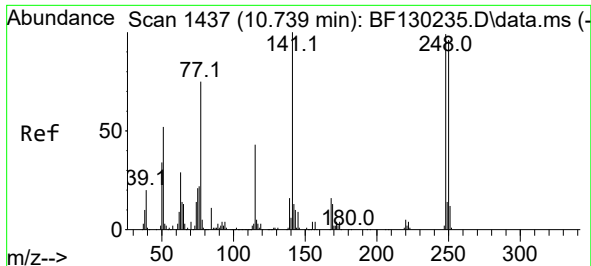
Tgt Ion:198 Resp: 67337
Ion Ratio Lower Upper
198 100
51 48.9 36.9 76.9
105 50.1 33.0 73.0



#66
n-Nitrosodiphenylamine
Concen: 52.448 ng
RT: 10.345 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF130451.D
Acq: 28 Sep 2022 16:49

Tgt Ion:169 Resp: 500608
Ion Ratio Lower Upper
169 100
168 65.4 53.2 79.8
167 35.7 29.2 43.8

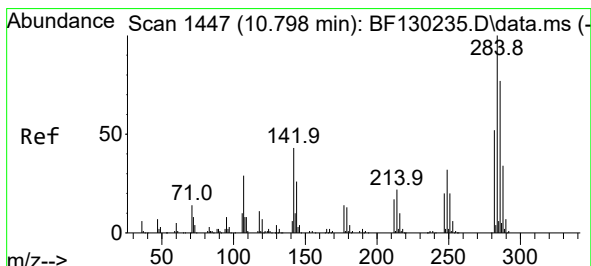
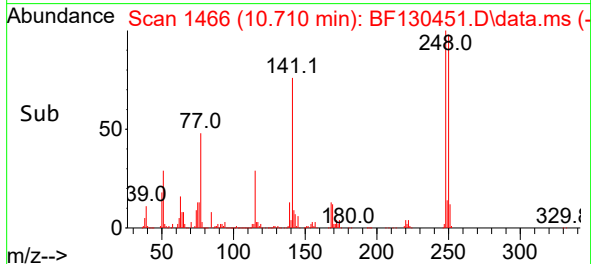
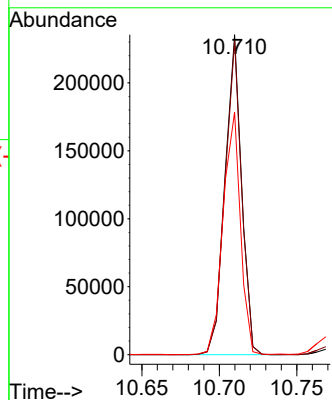
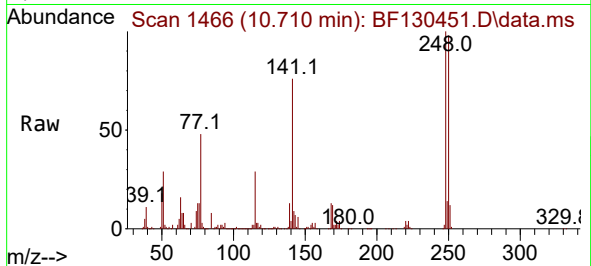




#67
4-Bromophenyl-phenylether
Concen: 55.967 ng
RT: 10.710 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BF130451.D
Acq: 28 Sep 2022 16:49

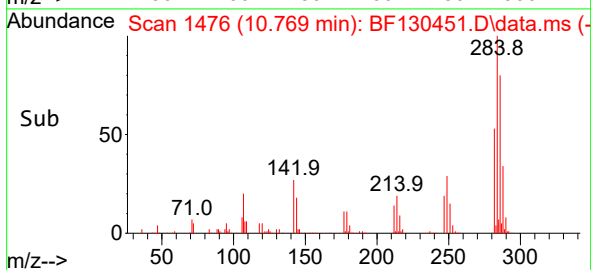
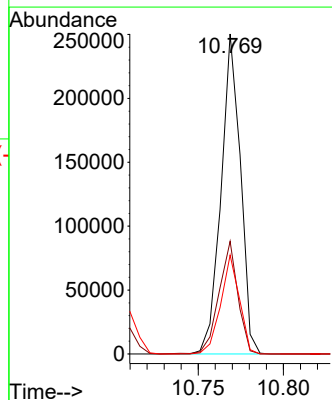
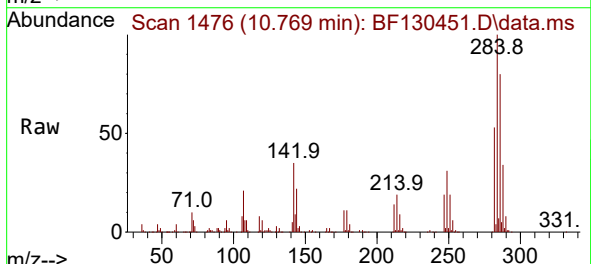
Instrument :
BNA_F
ClientSampleId :
SAND-FILTER-1MSD

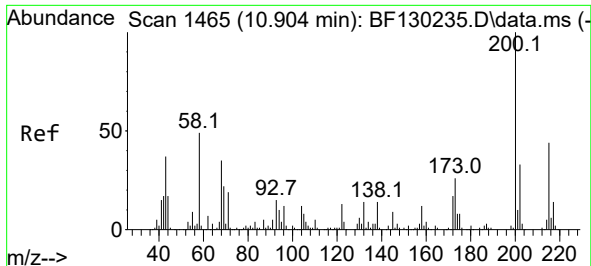
Tgt Ion:248 Resp: 176346
Ion Ratio Lower Upper
248 100
250 98.1 80.0 120.0
141 75.8 68.5 102.7



#68
Hexachlorobenzene
Concen: 55.480 ng
RT: 10.769 min Scan# 1476
Delta R.T. 0.000 min
Lab File: BF130451.D
Acq: 28 Sep 2022 16:49

Tgt Ion:284 Resp: 198163
Ion Ratio Lower Upper
284 100
142 35.2 27.2 40.8
249 30.9 23.8 35.8

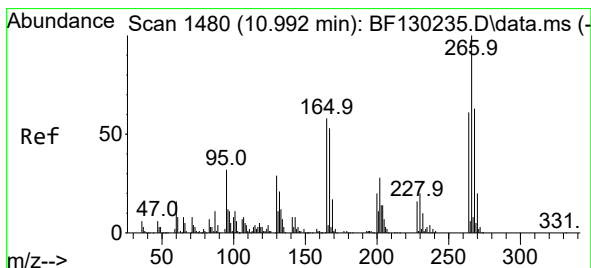
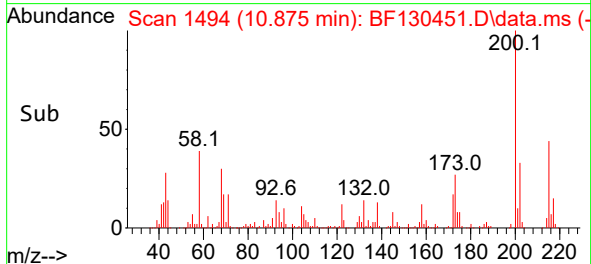
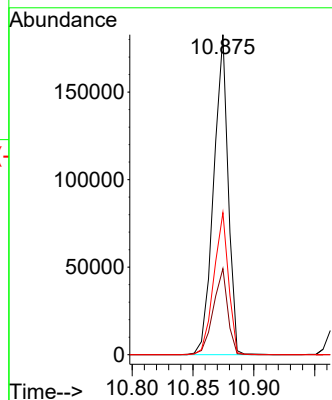
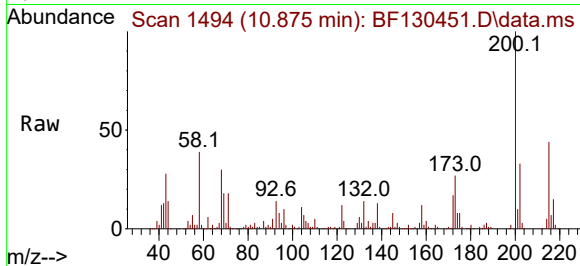




#69
Atrazine
Concen: 54.388 ng
RT: 10.875 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF130451.D
Acq: 28 Sep 2022 16:49

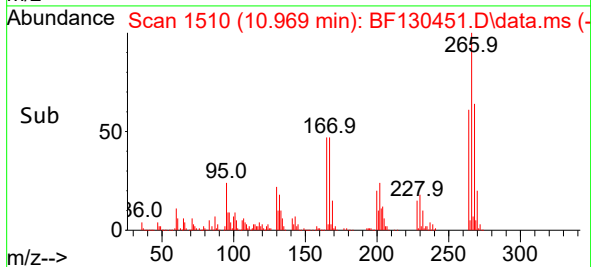
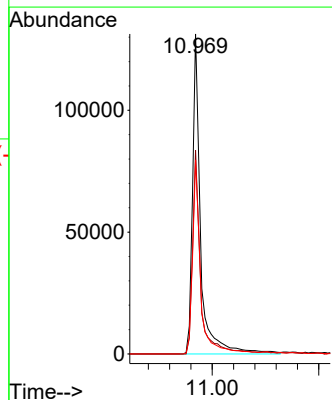
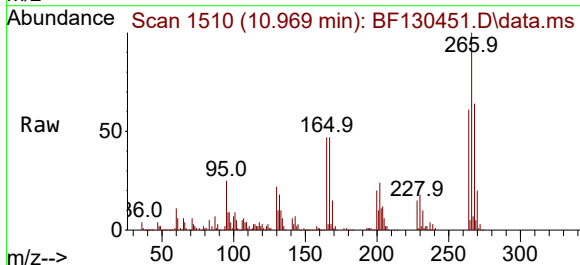
Instrument :
BNA_F
ClientSampleId :
SAND-FILTER-1MSD

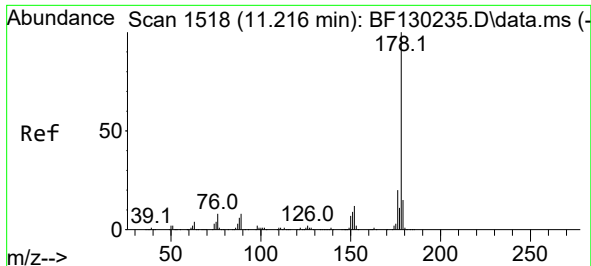
Tgt Ion:200 Resp: 151706
Ion Ratio Lower Upper
200 100
173 26.9 6.2 46.2
215 44.4 22.5 62.5



#70
Pentachlorophenol
Concen: 72.959 ng
RT: 10.969 min Scan# 1510
Delta R.T. 0.000 min
Lab File: BF130451.D
Acq: 28 Sep 2022 16:49

Tgt Ion:266 Resp: 139857
Ion Ratio Lower Upper
266 100
268 63.6 50.5 75.7
264 60.6 50.5 75.7

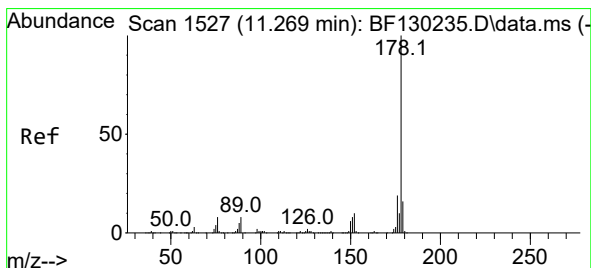
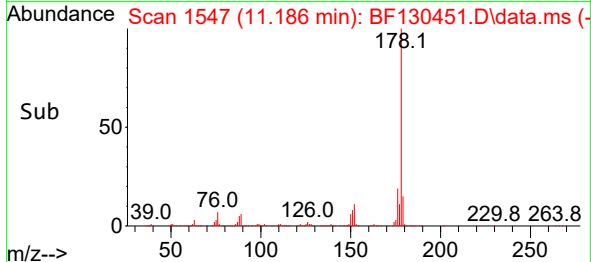
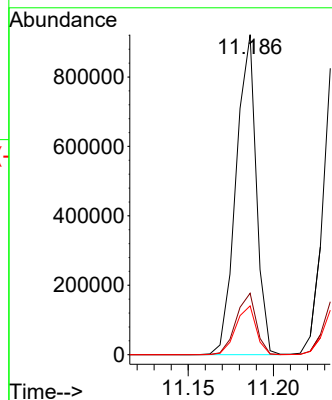
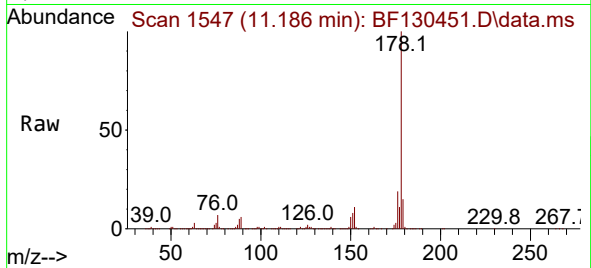




#71
Phenanthrene
Concen: 47.364 ng
RT: 11.186 min Scan# 1547
Delta R.T. 0.000 min
Lab File: BF130451.D
Acq: 28 Sep 2022 16:49

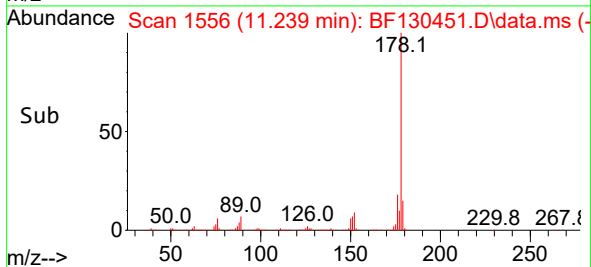
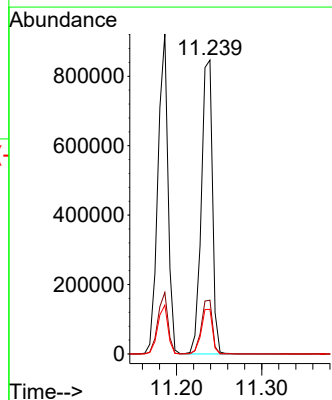
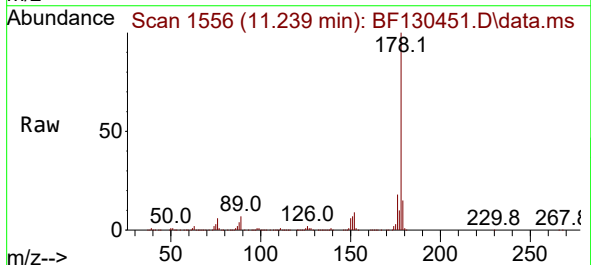
Instrument :
BNA_F
ClientSampleId :
SAND-FILTER-1MSD

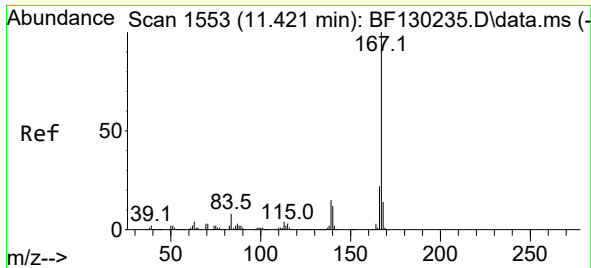
Tgt Ion:178 Resp: 759543
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.3 12.4 18.6



#72
Anthracene
Concen: 49.483 ng
RT: 11.239 min Scan# 1556
Delta R.T. 0.006 min
Lab File: BF130451.D
Acq: 28 Sep 2022 16:49

Tgt Ion:178 Resp: 765765
Ion Ratio Lower Upper
178 100
176 18.3 15.0 22.6
179 15.2 12.7 19.1

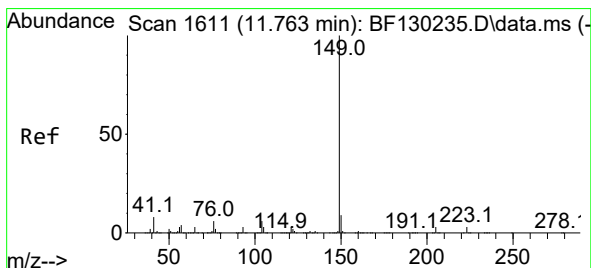
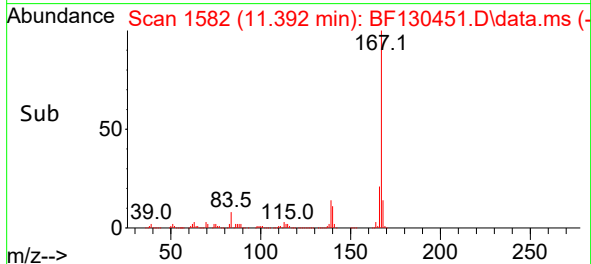
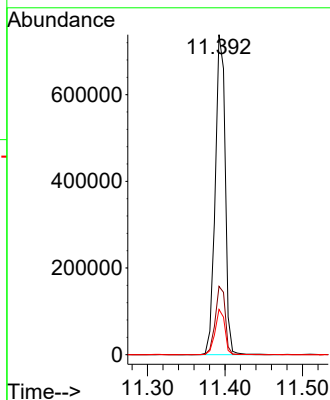
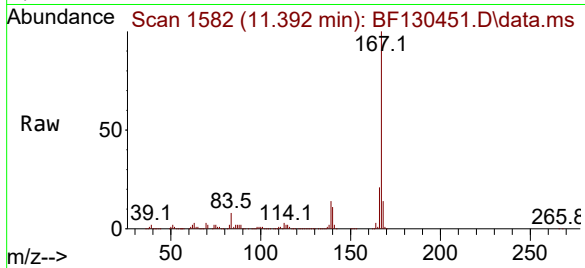




#73
 Carbazole
 Concen: 47.217 ng
 RT: 11.392 min Scan# 1639
 Delta R.T. 0.000 min
 Lab File: BF130451.D
 Acq: 28 Sep 2022 16:49

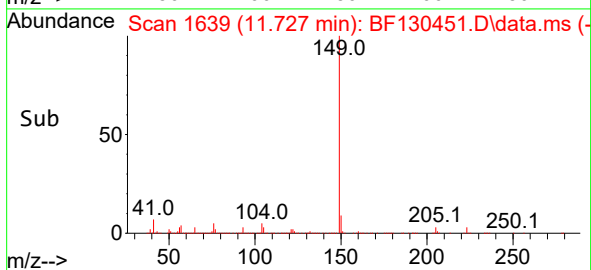
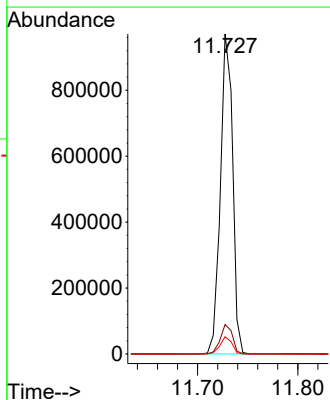
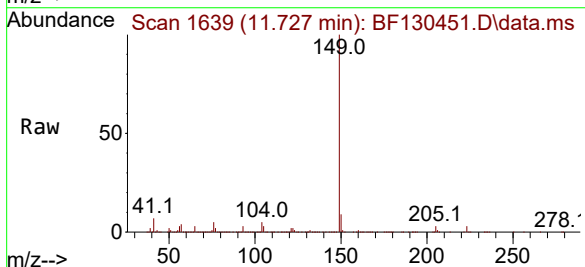
Instrument :
 BNA_F
 ClientSampleId :
 SAND-FILTER-1MSD

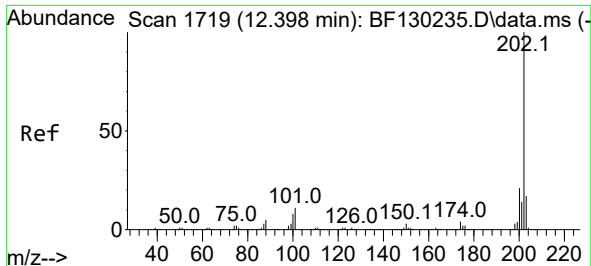
Tgt Ion:167 Resp: 659447
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.4 26.2
 139 14.2 11.6 17.4



#74
 Di-n-butylphthalate
 Concen: 48.720 ng
 RT: 11.727 min Scan# 1639
 Delta R.T. 0.000 min
 Lab File: BF130451.D
 Acq: 28 Sep 2022 16:49

Tgt Ion:149 Resp: 820532
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 5.4 4.8 7.2

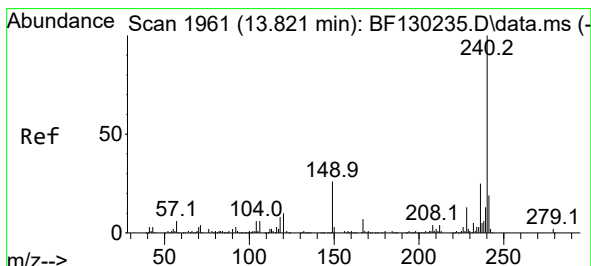
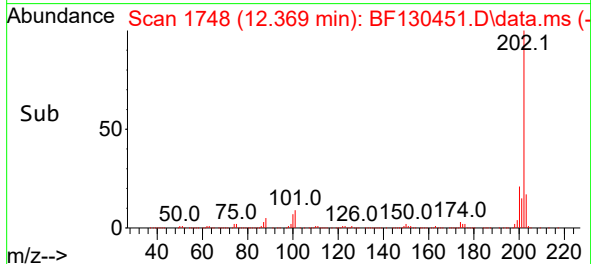
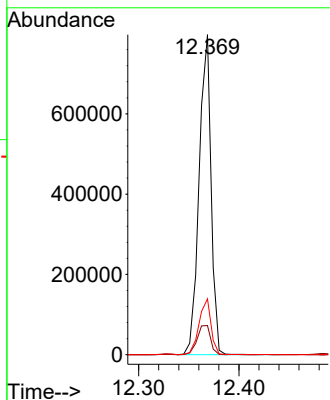
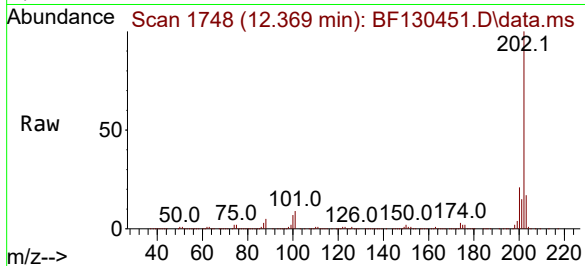




#75
Fluoranthene
Concen: 42.735 ng
RT: 12.369 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF130451.D
Acq: 28 Sep 2022 16:49

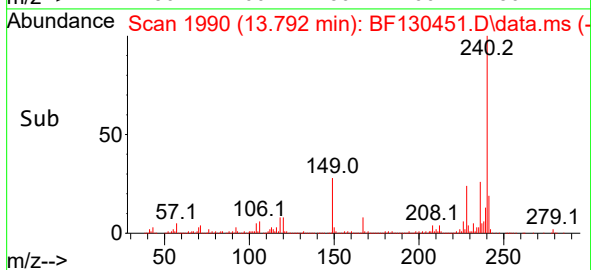
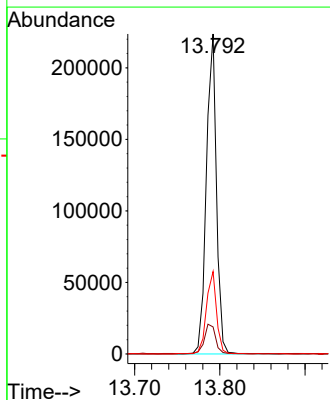
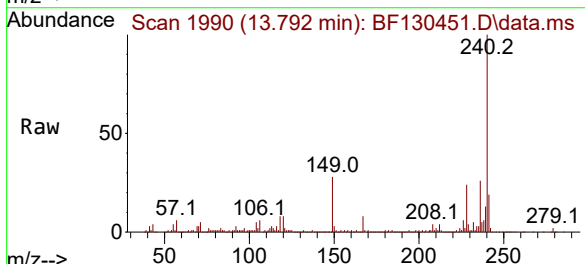
Instrument :
BNA_F
ClientSampleId :
SAND-FILTER-1MSD

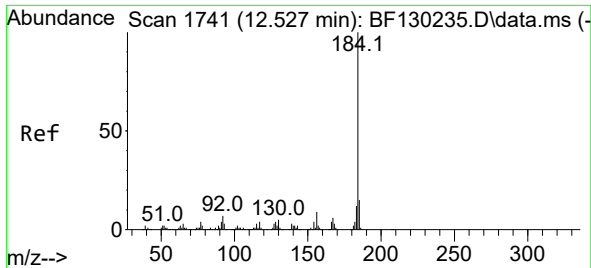
Tgt Ion:202 Resp: 662218
Ion Ratio Lower Upper
202 100
101 9.1 0.0 31.8
203 17.5 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.792 min Scan# 1990
Delta R.T. 0.000 min
Lab File: BF130451.D
Acq: 28 Sep 2022 16:49

Tgt Ion:240 Resp: 183106
Ion Ratio Lower Upper
240 100
120 8.5 8.7 13.1#
236 25.8 20.9 31.3

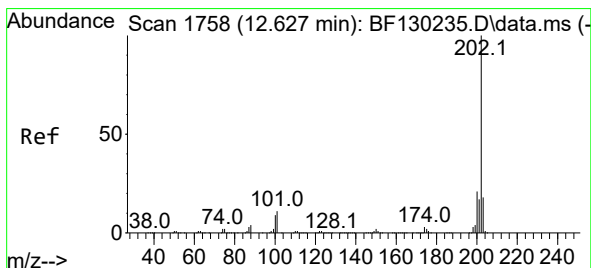
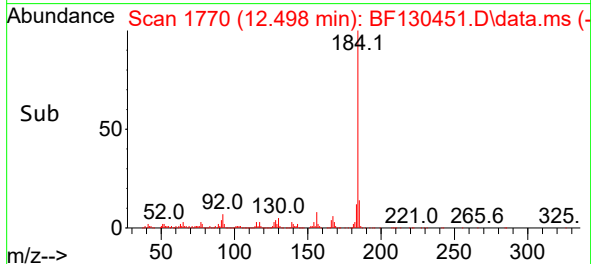
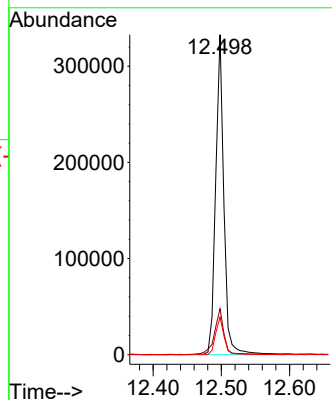
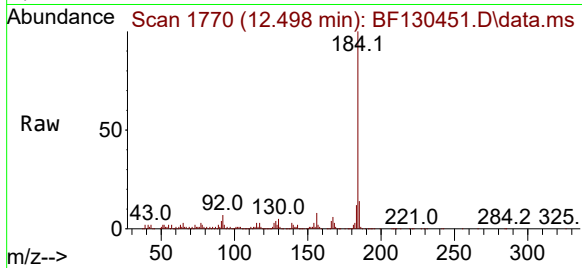




#77
Benzidine
Concen: 52.392 ng
RT: 12.498 min Scan# 1770
Delta R.T. 0.000 min
Lab File: BF130451.D
Acq: 28 Sep 2022 16:49

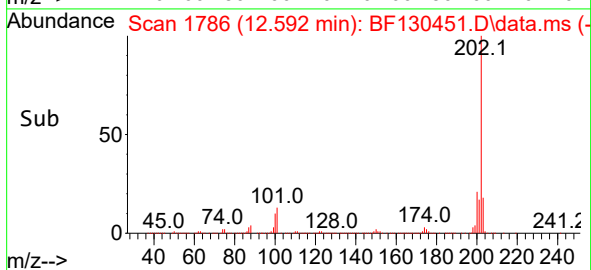
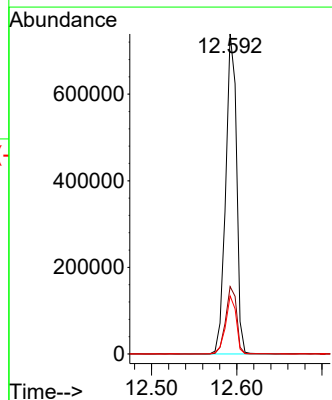
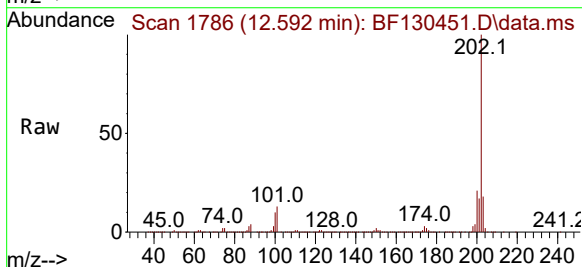
Instrument :
BNA_F
ClientSampleId :
SAND-FILTER-1MSD

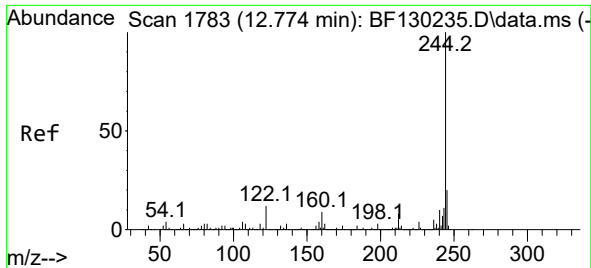
Tgt Ion:184 Resp: 278482
Ion Ratio Lower Upper
184 100
185 14.4 11.8 17.6
183 11.7 9.1 13.7



#78
Pyrene
Concen: 40.861 ng
RT: 12.592 min Scan# 1786
Delta R.T. 0.000 min
Lab File: BF130451.D
Acq: 28 Sep 2022 16:49

Tgt Ion:202 Resp: 654520
Ion Ratio Lower Upper
202 100
200 21.1 17.2 25.8
203 18.2 14.3 21.5

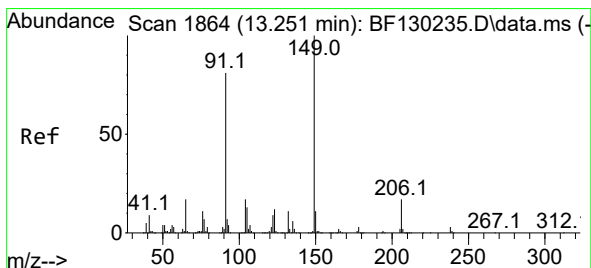
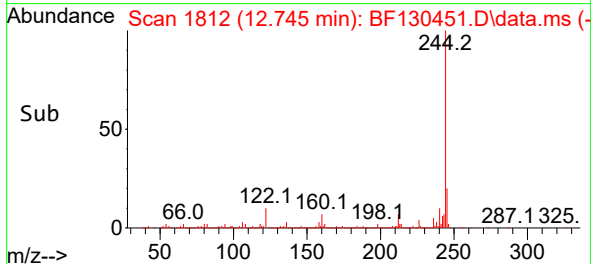
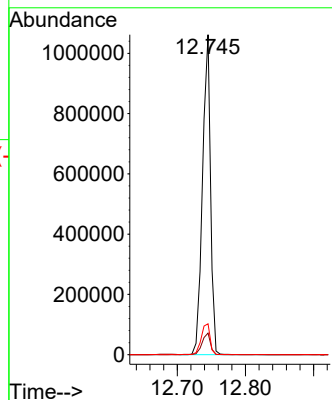
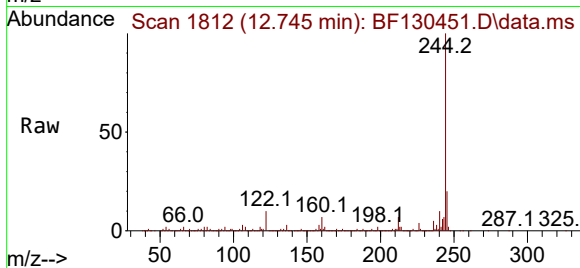




#79
 Terphenyl-d14
 Concen: 78.643 ng
 RT: 12.745 min Scan# 1812
 Delta R.T. 0.000 min
 Lab File: BF130451.D
 Acq: 28 Sep 2022 16:49

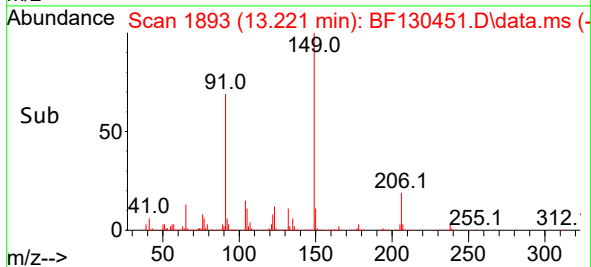
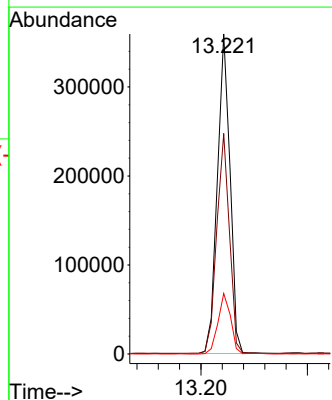
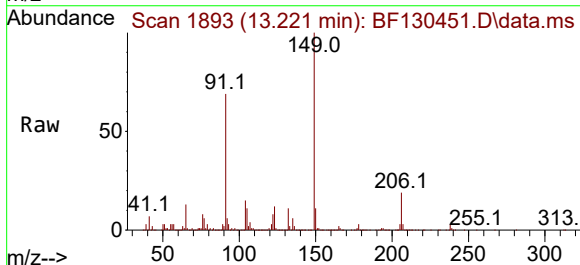
Instrument :
 BNA_F
 ClientSampleId :
 SAND-FILTER-1MSD

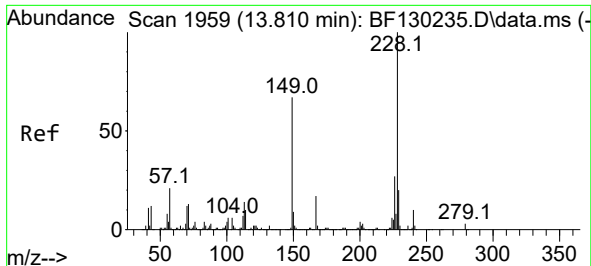
Tgt Ion:244 Resp: 869312
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.9 8.9
 122 9.7 8.5 12.7



#80
 Butylbenzylphthalate
 Concen: 49.633 ng
 RT: 13.221 min Scan# 1893
 Delta R.T. 0.000 min
 Lab File: BF130451.D
 Acq: 28 Sep 2022 16:49

Tgt Ion:149 Resp: 294526
 Ion Ratio Lower Upper
 149 100
 91 68.9 59.8 89.8
 206 18.9 13.9 20.9

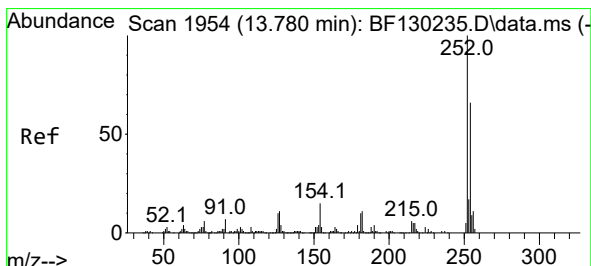
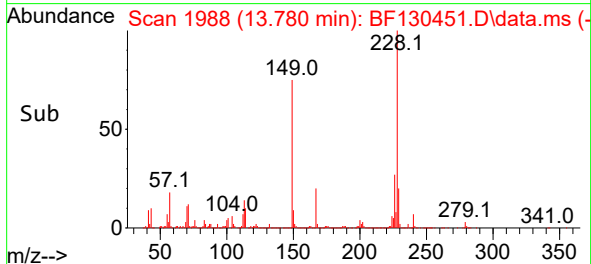
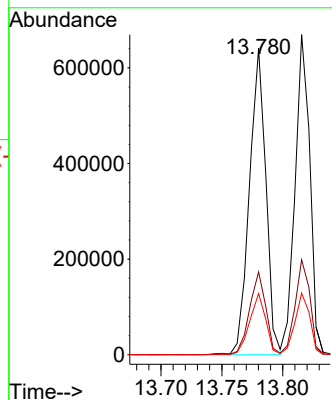
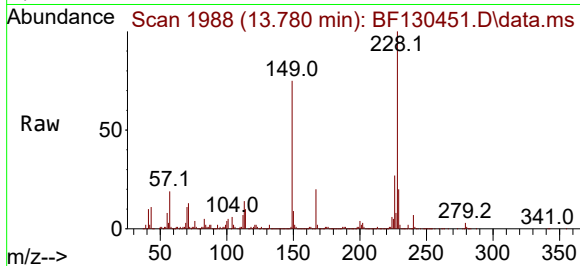




#81
Benzo(a)anthracene
Concen: 49.389 ng
RT: 13.780 min Scan# 1959
Delta R.T. 0.000 min
Lab File: BF130451.D
Acq: 28 Sep 2022 16:49

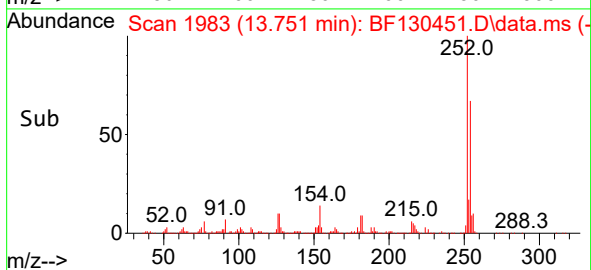
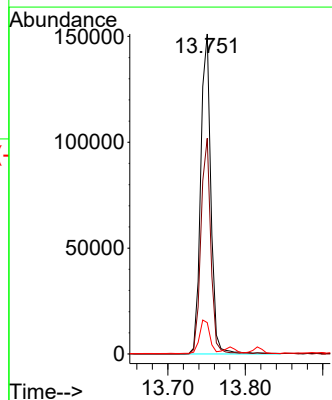
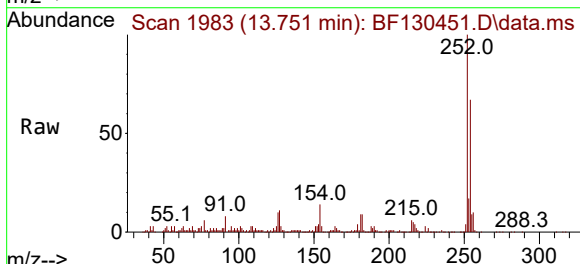
Instrument :
BNA_F
ClientSampleId :
SAND-FILTER-1MSD

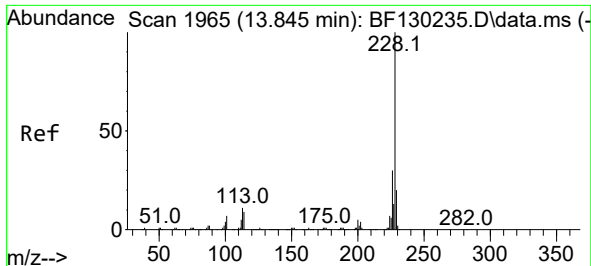
Tgt Ion:228 Resp: 601607
Ion Ratio Lower Upper
228 100
226 27.0 21.9 32.9
229 19.9 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 41.587 ng
RT: 13.751 min Scan# 1983
Delta R.T. 0.000 min
Lab File: BF130451.D
Acq: 28 Sep 2022 16:49

Tgt Ion:252 Resp: 137894
Ion Ratio Lower Upper
252 100
254 67.4 51.1 76.7
126 9.8 10.4 15.6#

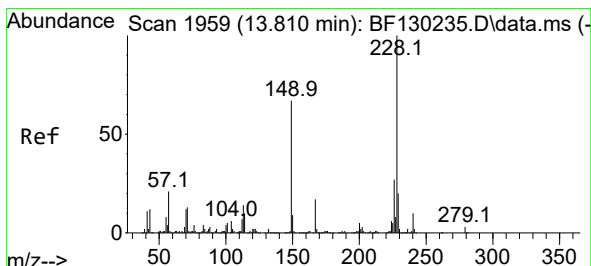
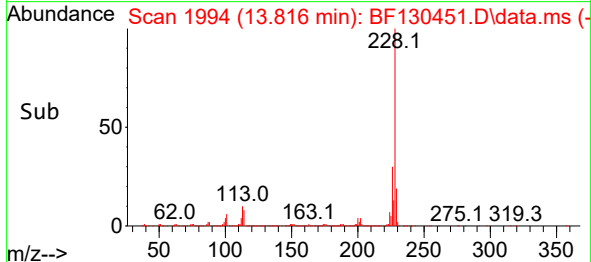
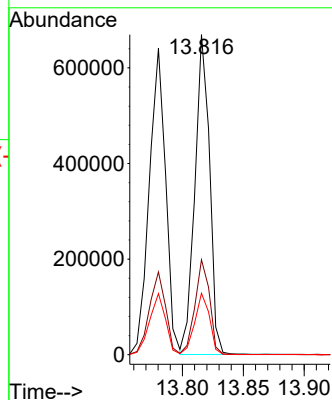
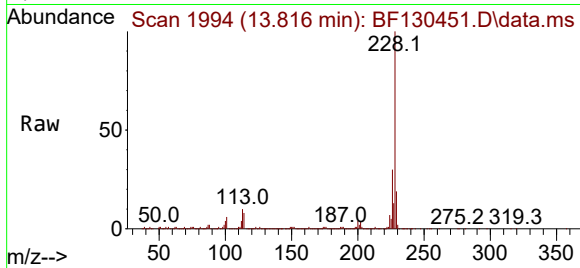




#83
Chrysene
Concen: 48.678 ng
RT: 13.816 min Scan# 1965
Delta R.T. 0.000 min
Lab File: BF130451.D
Acq: 28 Sep 2022 16:49

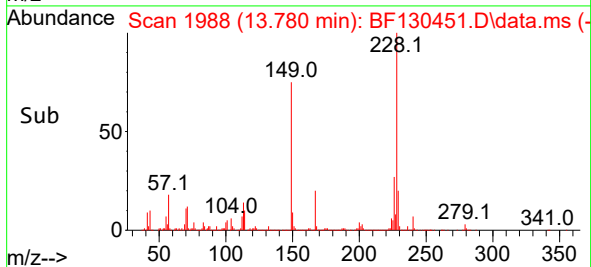
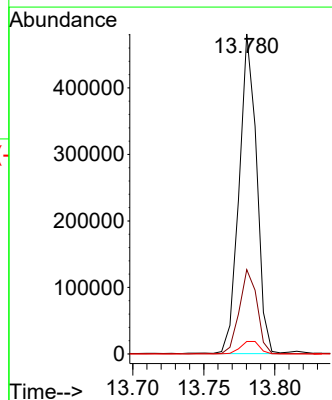
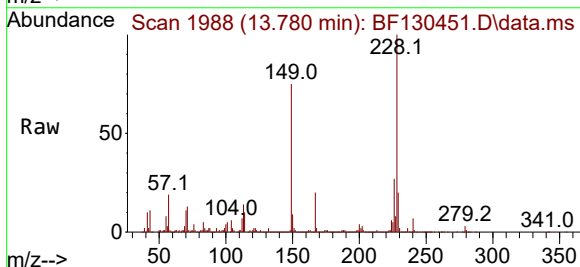
Instrument :
BNA_F
ClientSampleId :
SAND-FILTER-1MSD

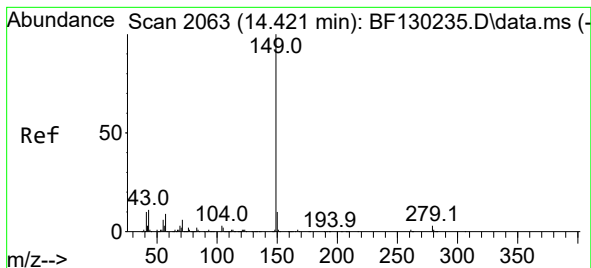
Tgt Ion:228 Resp: 563008
Ion Ratio Lower Upper
228 100
226 29.6 23.8 35.8
229 19.2 15.3 22.9



#84
Bis(2-ethylhexyl)phthalate
Concen: 60.614 ng
RT: 13.780 min Scan# 1988
Delta R.T. 0.000 min
Lab File: BF130451.D
Acq: 28 Sep 2022 16:49

Tgt Ion:149 Resp: 412003
Ion Ratio Lower Upper
149 100
167 26.3 20.5 30.7
279 3.9 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 70.746 ng

RT: 14.392 min Scan# 2063

Delta R.T. 0.000 min

Lab File: BF130451.D

Acq: 28 Sep 2022 16:49

Instrument :

BNA_F

ClientSampleId :

SAND-FILTER-1MSD

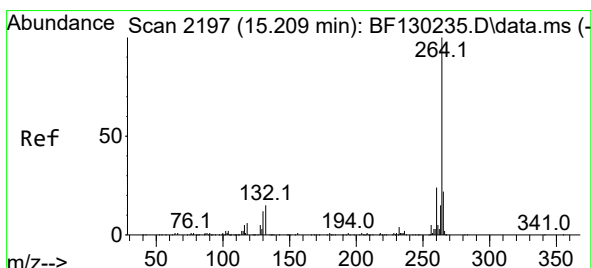
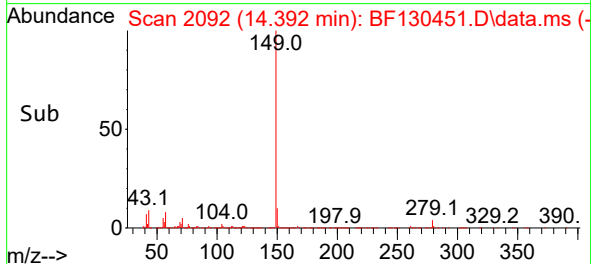
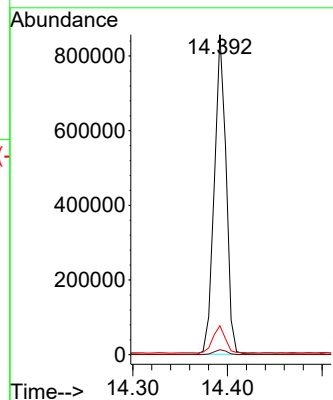
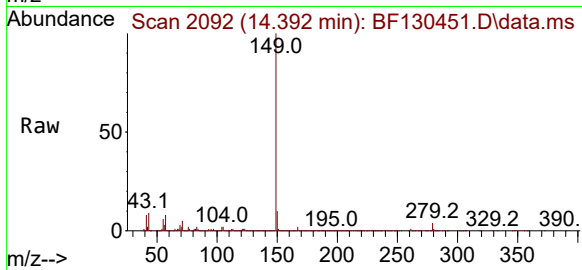
Tgt Ion:149 Resp: 735496

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 9.2 8.7 13.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.180 min Scan# 2226

Delta R.T. 0.006 min

Lab File: BF130451.D

Acq: 28 Sep 2022 16:49

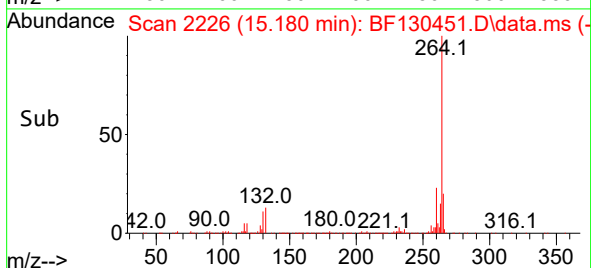
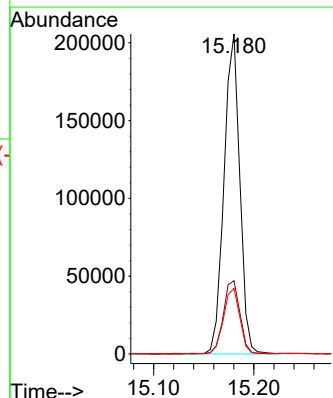
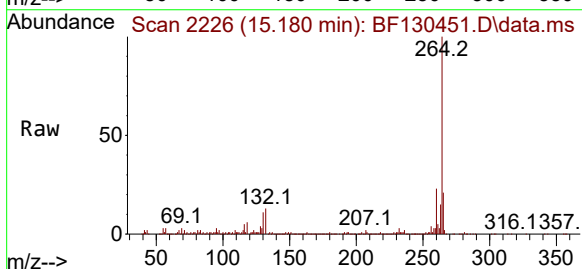
Tgt Ion:264 Resp: 224380

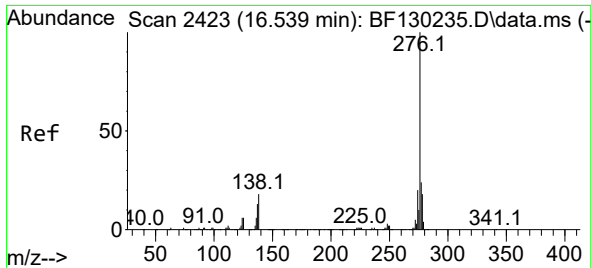
Ion Ratio Lower Upper

264 100

260 22.9 19.3 28.9

265 20.5 17.0 25.4

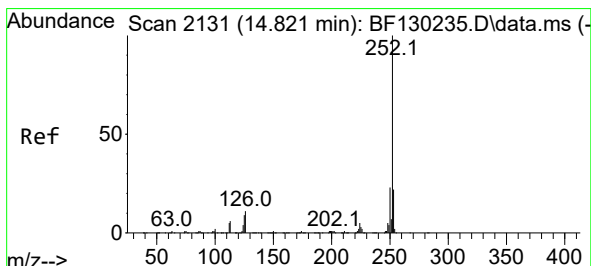
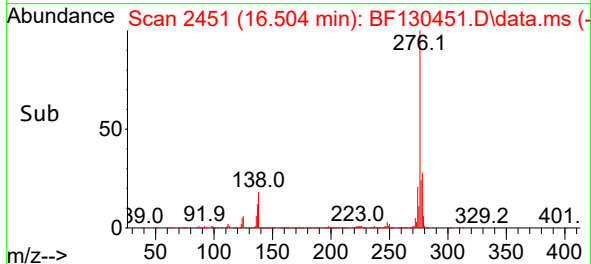
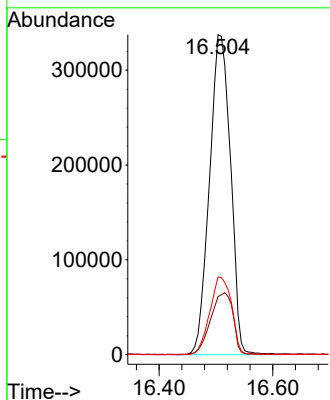
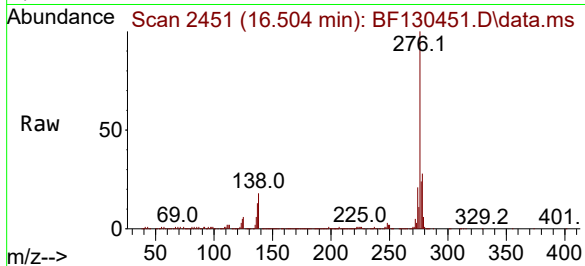




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 54.521 ng
 RT: 16.504 min Scan# 2423
 Delta R.T. 0.006 min
 Lab File: BF130451.D
 Acq: 28 Sep 2022 16:49

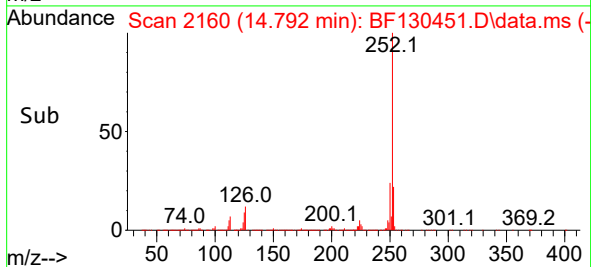
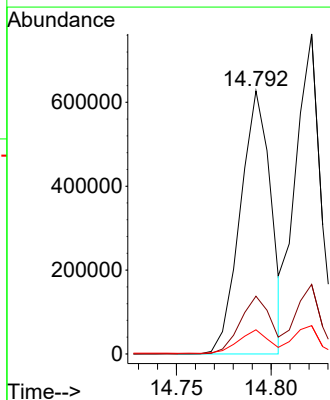
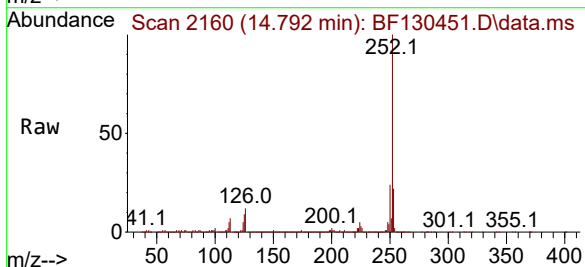
Instrument :
 BNA_F
 ClientSampleId :
 SAND-FILTER-1MSD

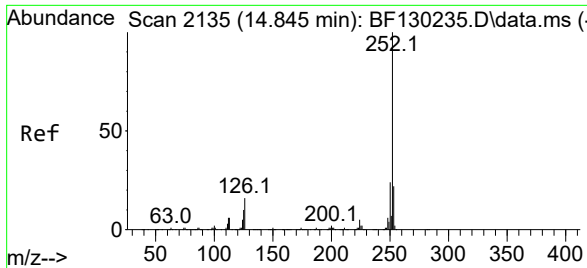
Tgt Ion:276 Resp: 867524
 Ion Ratio Lower Upper
 276 100
 138 20.5 18.5 27.7
 277 25.2 20.2 30.4



#88
 Benzo(b)fluoranthene
 Concen: 48.232 ng
 RT: 14.792 min Scan# 2160
 Delta R.T. 0.006 min
 Lab File: BF130451.D
 Acq: 28 Sep 2022 16:49

Tgt Ion:252 Resp: 706363
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.7 26.5
 125 9.2 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 47.592 ng

RT: 14.821 min Scan# 2116

Delta R.T. 0.006 min

Lab File: BF130451.D

Acq: 28 Sep 2022 16:49

Instrument :

BNA_F

ClientSampleId :

SAND-FILTER-1MSD

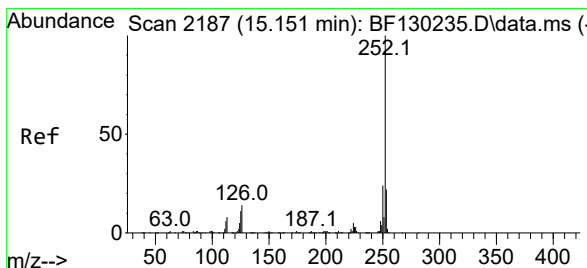
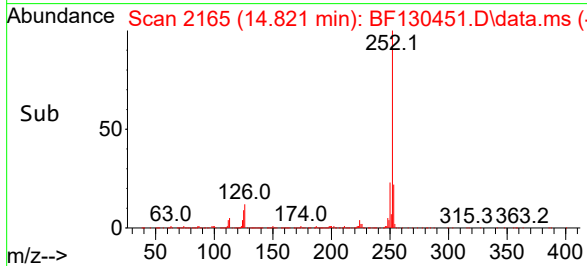
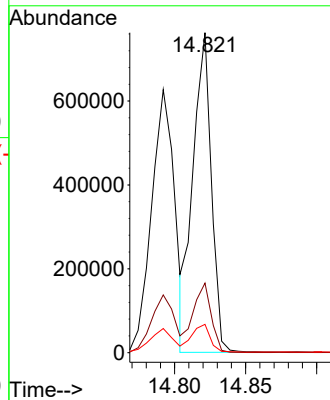
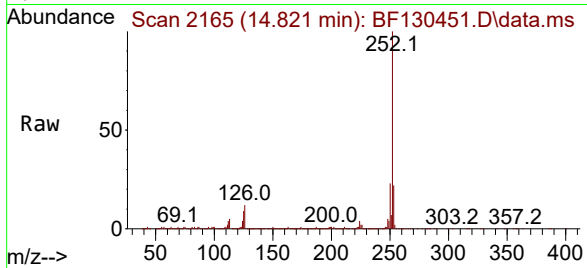
Tgt Ion:252 Resp: 685637

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

125 8.8 7.9 11.9



#90

Benzo(a)pyrene

Concen: 54.141 ng

RT: 15.127 min Scan# 2217

Delta R.T. 0.012 min

Lab File: BF130451.D

Acq: 28 Sep 2022 16:49

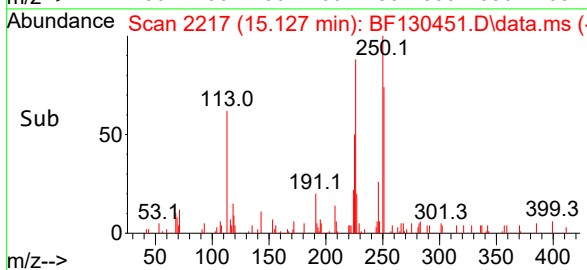
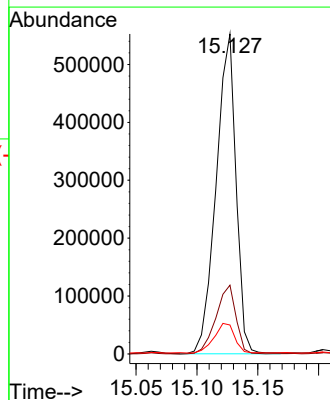
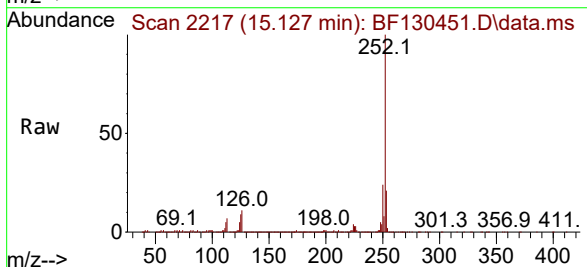
Tgt Ion:252 Resp: 628175

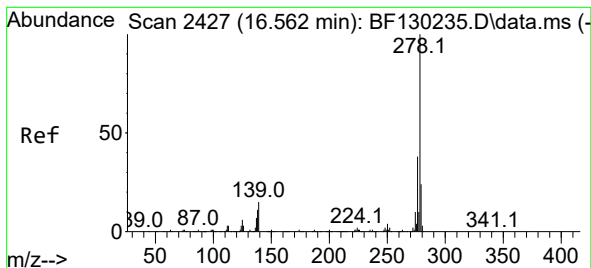
Ion Ratio Lower Upper

252 100

253 21.5 17.8 26.6

125 9.1 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 58.638 ng

RT: 16.527 min Scan# 24

Delta R.T. 0.018 min

Lab File: BF130451.D

Acq: 28 Sep 2022 16:49

Instrument :

BNA_F

ClientSampleId :

SAND-FILTER-1MSD

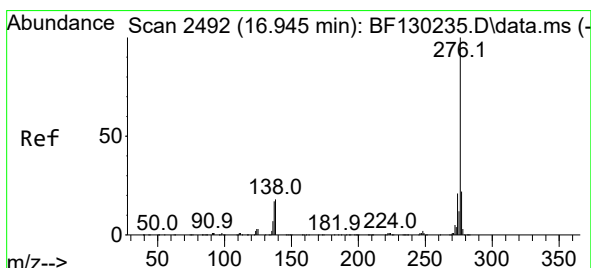
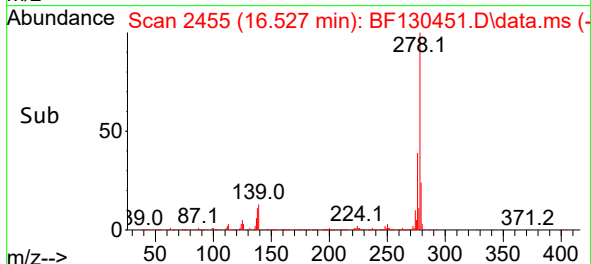
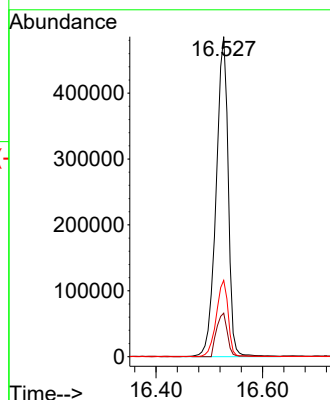
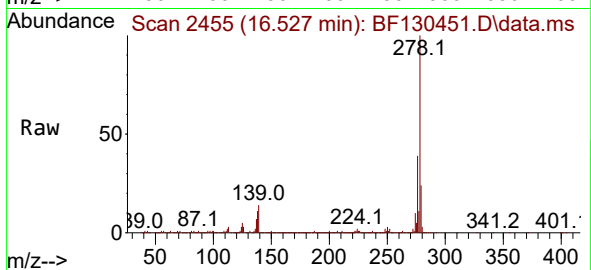
Tgt Ion:278 Resp: 765417

Ion Ratio Lower Upper

278 100

139 13.6 11.8 17.8

279 23.9 19.4 29.0



#92

Benzo(g,h,i)perylene

Concen: 55.691 ng

RT: 16.909 min Scan# 2520

Delta R.T. 0.018 min

Lab File: BF130451.D

Acq: 28 Sep 2022 16:49

Tgt Ion:276 Resp: 732286

Ion Ratio Lower Upper

276 100

277 24.7 18.6 27.8

138 19.3 14.6 21.8

