

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110822\
 Data File : BF131062.D
 Acq On : 08 Nov 2022 12:34
 Operator : CG\JU
 Sample : N5460-01MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SH-1MS

Quant Time: Nov 08 13:14:58 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 01:40:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	68139	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	261321	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	160558	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	183107	20.000	ng	# 0.00
76) Chrysene-d12	14.092	240	118675	20.000	ng	0.00
86) Perylene-d12	15.586	264	110708	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	450166	106.531	ng	0.01
7) Phenol-d6	6.528	99	569638	110.444	ng	0.00
23) Nitrobenzene-d5	7.469	82	390661	69.295	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	189362	107.123	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	844024	71.641	ng	0.00
79) Terphenyl-d14	13.027	244	661160	89.320	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.757	88	99130	49.344	ng	98
3) Pyridine	3.510	79	248144	44.435	ng	98
4) n-Nitrosodimethylamine	3.481	42	155707	49.585	ng	100
6) Aniline	6.563	93	245648	38.296	ng	98
8) 2-Chlorophenol	6.687	128	199488	42.437	ng	97
9) Benzaldehyde	6.457	77	135311	45.417	ng	98
10) Phenol	6.545	94	248733	41.154	ng	96
11) bis(2-Chloroethyl)ether	6.639	93	191008	43.567	ng	100
12) 1,3-Dichlorobenzene	6.839	146	221561	42.828	ng	99
13) 1,4-Dichlorobenzene	6.916	146	223538	41.492	ng	96
14) 1,2-Dichlorobenzene	7.069	146	211503	40.164	ng	98
15) Benzyl Alcohol	7.045	79	175340	38.920	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.175	45	332761	43.645	ng	99
17) 2-Methylphenol	7.151	107	156083	39.686	ng	98
18) Hexachloroethane	7.410	117	87921	43.077	ng	95
19) n-Nitroso-di-n-propyla...	7.316	70	147920	40.243	ng	96
20) 3+4-Methylphenols	7.304	107	190929	37.539	ng	# 81
22) Acetophenone	7.310	105	280585	40.330	ng	# 91
24) Nitrobenzene	7.487	77	228289	39.482	ng	96
25) Isophorone	7.722	82	415269	42.975	ng	99
26) 2-Nitrophenol	7.798	139	103208	41.912	ng	92
27) 2,4-Dimethylphenol	7.834	122	177984	46.778	ng	97
28) bis(2-Chloroethoxy)met...	7.934	93	233168	43.691	ng	99
29) 2,4-Dichlorophenol	8.039	162	160825	39.246	ng	96
30) 1,2,4-Trichlorobenzene	8.122	180	177867	39.807	ng	99
31) Naphthalene	8.210	128	561707	39.330	ng	100
32) Benzoic acid	7.957	122	86793	33.486	ng	92
33) 4-Chloroaniline	8.257	127	151849	27.189	ng	98
34) Hexachlorobutadiene	8.322	225	124183	42.572	ng	99
35) Caprolactam	8.628	113	29018	23.080	ng	97
36) 4-Chloro-3-methylphenol	8.739	107	168999	38.210	ng	99
37) 2-Methylnaphthalene	8.898	142	443638	48.825	ng	97
38) 1-Methylnaphthalene	8.998	142	442131	50.960	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	220428	42.592	ng	99
41) Hexachlorocyclopentadiene	9.051	237	247319	103.674	ng	97
43) 2,4,6-Trichlorophenol	9.175	196	141525	41.004	ng	98

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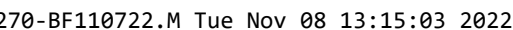
Instrument :
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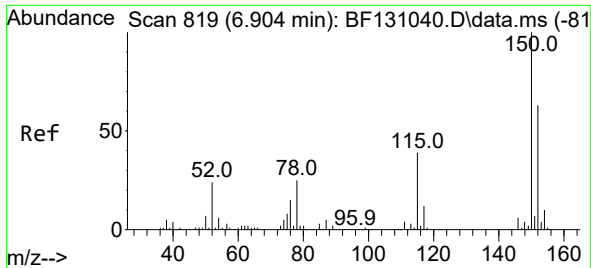
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 QLast Update : Tue Nov 08 01:40:43 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	144169	37.250	ng	94
46) 1,1'-Biphenyl	9.369	154	494466	39.539	ng	99
47) 2-Chloronaphthalene	9.392	162	420264	41.452	ng	98
48) 2-Nitroaniline	9.492	65	142350	38.201	ng	96
49) Acenaphthylene	9.810	152	619405	39.755	ng	99
50) Dimethylphthalate	9.669	163	461825	37.219	ng	100
51) 2,6-Dinitrotoluene	9.733	165	103173	39.086	ng	90
52) Acenaphthene	9.980	154	359291	37.660	ng	99
53) 3-Nitroaniline	9.904	138	75325	26.439	ng	97
54) 2,4-Dinitrophenol	10.010	184	103399	77.792	ng	92
55) Dibenzofuran	10.157	168	493156	37.777	ng	100
56) 4-Nitrophenol	10.069	139	141159	70.200	ng	94
57) 2,4-Dinitrotoluene	10.139	165	121825	35.524	ng	94
58) Fluorene	10.498	166	403072	34.939	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.269	232	106724	33.848	ng	98
60) Diethylphthalate	10.369	149	410211	31.722	ng	98
61) 4-Chlorophenyl-phenyle...	10.486	204	195204	34.162	ng	92
62) 4-Nitroaniline	10.522	138	91080	31.188	ng	93
63) Azobenzene	10.651	77	482725	38.405	ng	97
65) 4,6-Dinitro-2-methylph...	10.545	198	67165	57.806	ng	83
66) n-Nitrosodiphenylamine	10.610	169	402203	62.162	ng	99
67) 4-Bromophenyl-phenylether	10.980	248	123679	53.758	ng	95
68) Hexachlorobenzene	11.045	284	131159	52.558	ng	98
69) Atrazine	11.139	200	88141	47.889	ng	99
70) Pentachlorophenol	11.245	266	89534	82.692	ng	97
71) Phenanthrene	11.469	178	397224	38.514	ng	99
72) Anthracene	11.516	178	406326	40.137	ng	100
73) Carbazole	11.674	167	340303	39.289	ng	99
74) Di-n-butylphthalate	11.998	149	443081	38.192	ng	100
75) Fluoranthene	12.657	202	567933	51.877	ng	99
77) Benzidine	12.780	184	275185	85.965	ng	98
78) Pyrene	12.886	202	567982	52.551	ng	100
80) Butylbenzylphthalate	13.504	149	223175	52.413	ng	99
81) Benzo(a)anthracene	14.080	228	328199	38.088	ng	100
82) 3,3'-Dichlorobenzidine	14.039	252	89382	38.172	ng	99
83) Chrysene	14.115	228	308791	37.735	ng	98
84) Bis(2-ethylhexyl)phtha...	14.057	149	214796	44.032	ng	100
85) Di-n-octyl phthalate	14.674	149	338428	48.684	ng	97
87) Indeno(1,2,3-cd)pyrene	17.115	276	489306	52.404	ng	98
88) Benzo(b)fluoranthene	15.145	252	307904	38.272	ng	99
89) Benzo(k)fluoranthene	15.145	252	307904	39.282	ng	98
90) Benzo(a)pyrene	15.527	252	268679	42.006	ng #	97
91) Dibenzo(a,h)anthracene	17.133	278	403711	52.688	ng	98
92) Benzo(g,h,i)perylene	17.580	276	419276	53.610	ng	98

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

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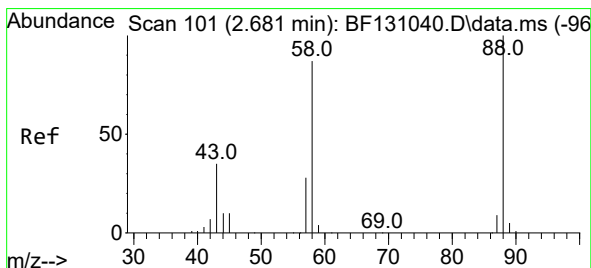
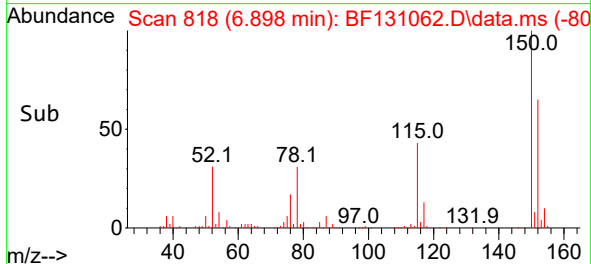
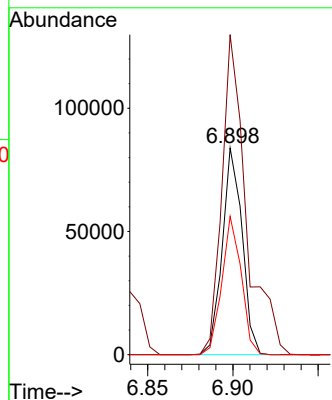
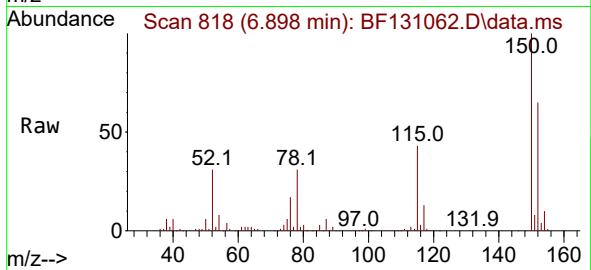




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF131062.D
 Acq: 08 Nov 2022 12:34

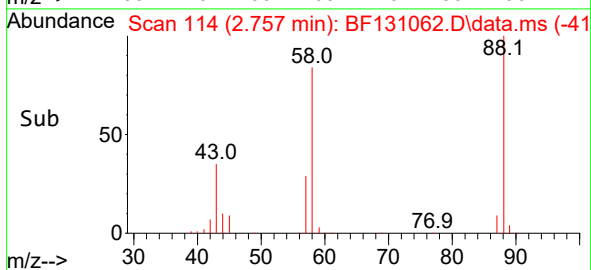
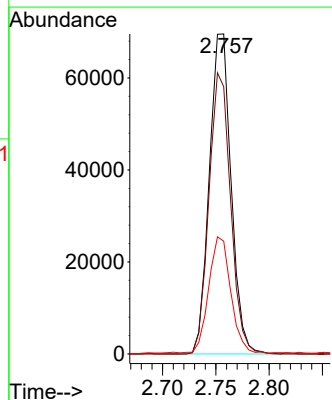
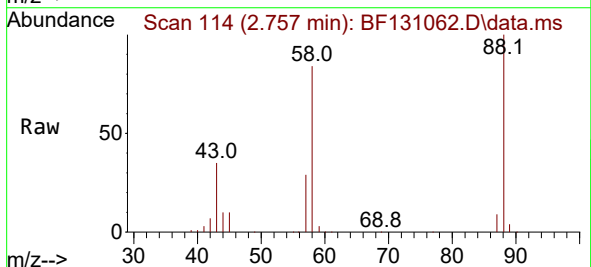
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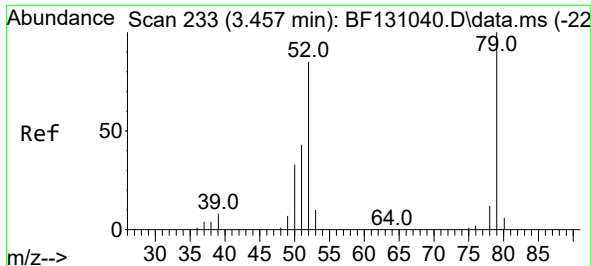
Tgt Ion:152 Resp: 68139
 Ion Ratio Lower Upper
 152 100
 150 154.8 126.6 189.8
 115 66.8 49.1 73.7



#2
 1,4-Dioxane
 Concen: 49.344 ng
 RT: 2.757 min Scan# 114
 Delta R.T. 0.077 min
 Lab File: BF131062.D
 Acq: 08 Nov 2022 12:34

Tgt Ion: 88 Resp: 99130
 Ion Ratio Lower Upper
 88 100
 58 87.3 68.7 103.1
 43 36.8 28.6 43.0





#3

Pyridine

Concen: 44.435 ng

RT: 3.510 min Scan# 24

Delta R.T. 0.053 min

Lab File: BF131062.D

Acq: 08 Nov 2022 12:34

Instrument :

BNA_F

ClientSampleId :

SH-1MS

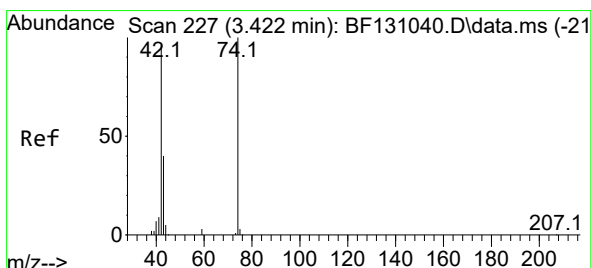
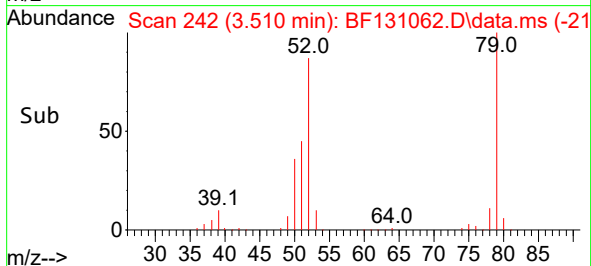
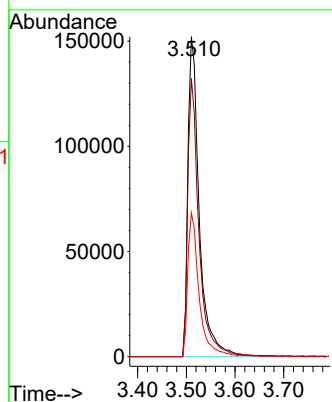
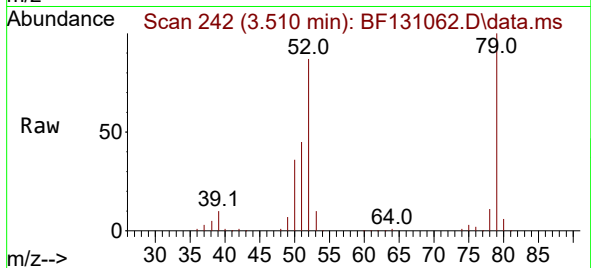
Tgt Ion: 79 Resp: 248144

Ion Ratio Lower Upper

79 100

52 86.9 67.8 101.8

51 44.9 34.5 51.7



#4

n-Nitrosodimethylamine

Concen: 49.585 ng

RT: 3.481 min Scan# 237

Delta R.T. 0.059 min

Lab File: BF131062.D

Acq: 08 Nov 2022 12:34

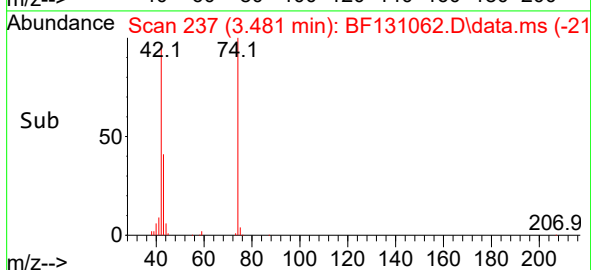
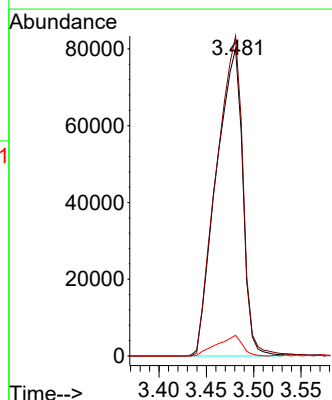
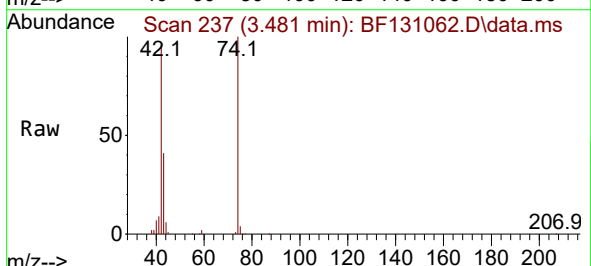
Tgt Ion: 42 Resp: 155707

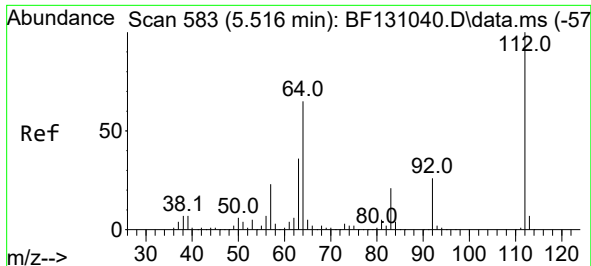
Ion Ratio Lower Upper

42 100

74 104.1 83.6 125.4

44 6.7 4.7 7.1

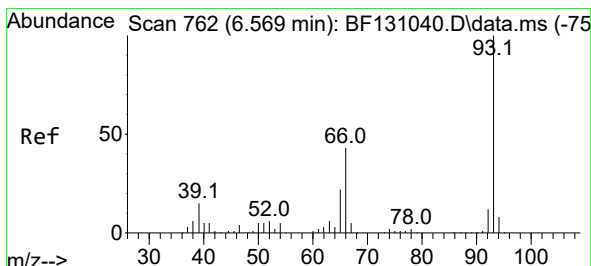
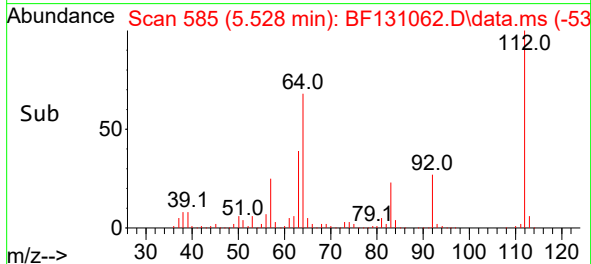
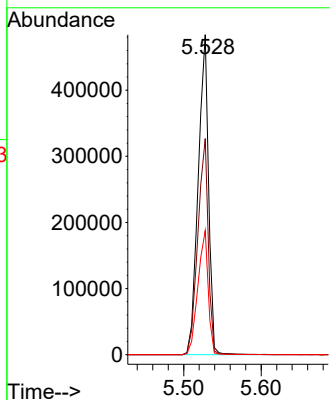
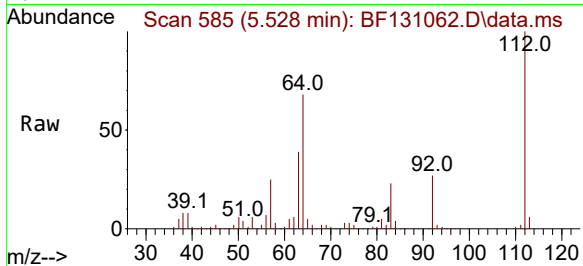




#5
2-Fluorophenol
Concen: 106.531 ng
RT: 5.528 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF131062.D
Acq: 08 Nov 2022 12:34

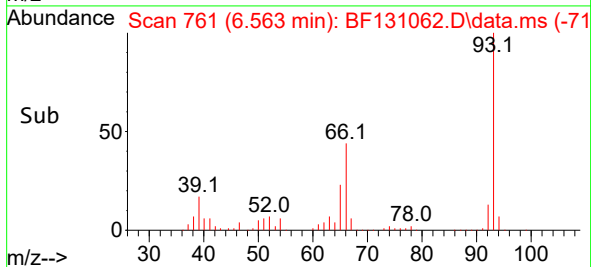
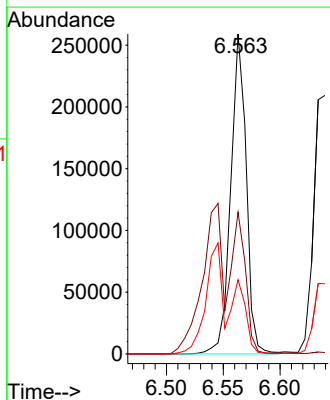
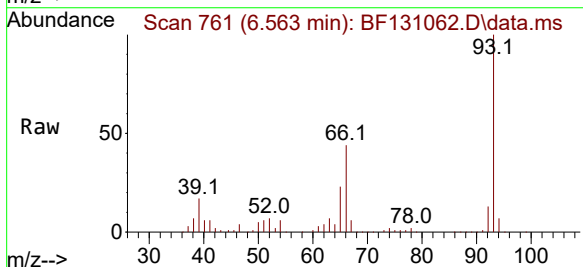
Instrument :
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ClientSampleId :
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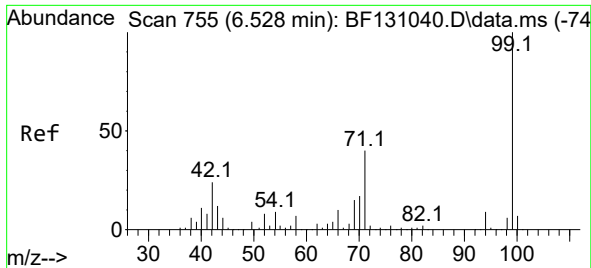
Tgt Ion:112 Resp: 450166
Ion Ratio Lower Upper
112 100
64 67.6 52.2 78.4
63 38.8 29.0 43.4



#6
Aniline
Concen: 38.296 ng
RT: 6.563 min Scan# 761
Delta R.T. -0.006 min
Lab File: BF131062.D
Acq: 08 Nov 2022 12:34

Tgt Ion: 93 Resp: 245648
Ion Ratio Lower Upper
93 100
66 44.3 34.5 51.7
65 23.2 17.9 26.9

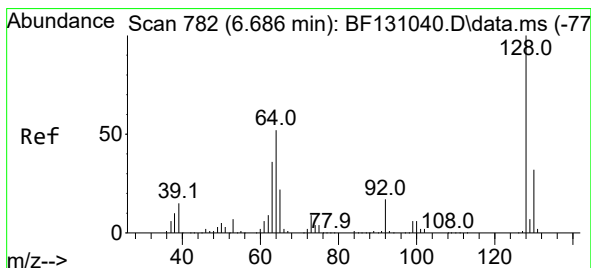
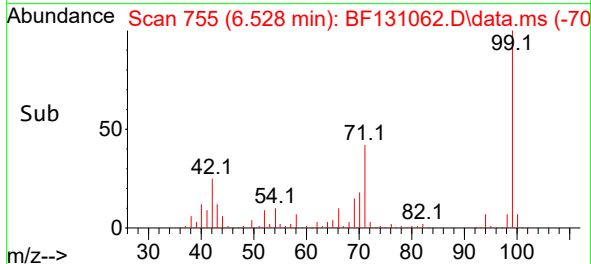
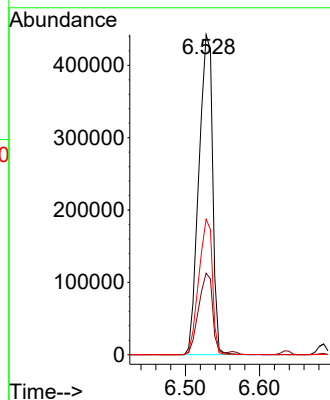
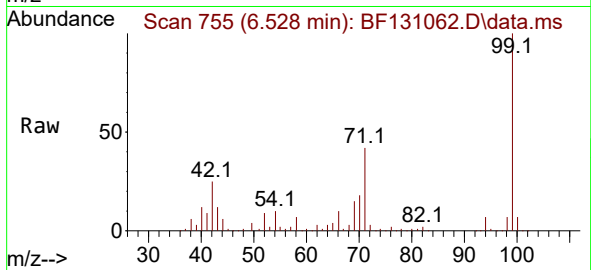




#7
Phenol-d6
Concen: 110.444 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.000 min
Lab File: BF131062.D
Acq: 08 Nov 2022 12:34

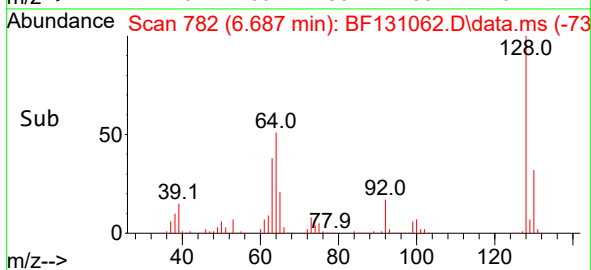
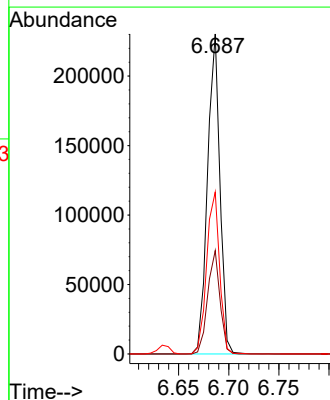
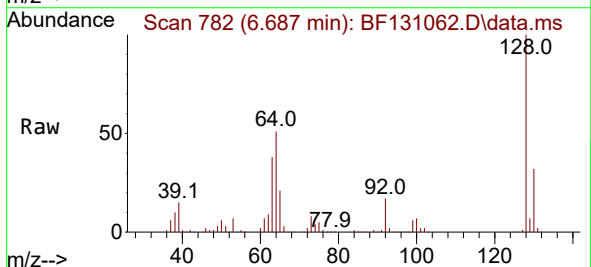
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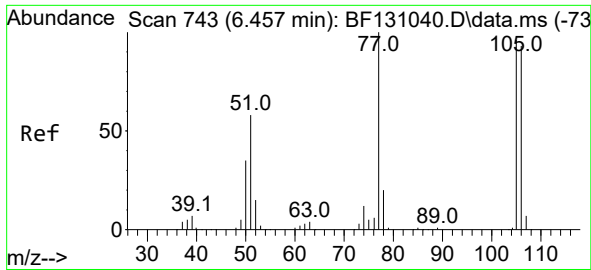
Tgt Ion: 99 Resp: 569638
Ion Ratio Lower Upper
99 100
42 25.5 19.4 29.0
71 42.4 31.8 47.8



#8
2-Chlorophenol
Concen: 42.437 ng
RT: 6.687 min Scan# 782
Delta R.T. 0.000 min
Lab File: BF131062.D
Acq: 08 Nov 2022 12:34

Tgt Ion:128 Resp: 199488
Ion Ratio Lower Upper
128 100
130 32.3 11.5 51.5
64 50.6 32.8 72.8

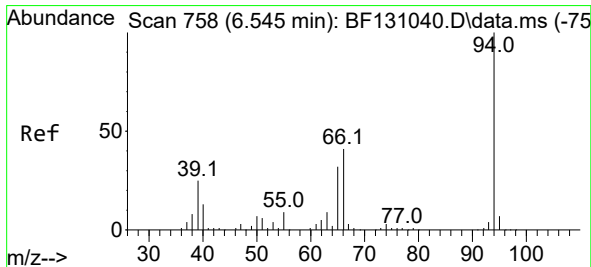
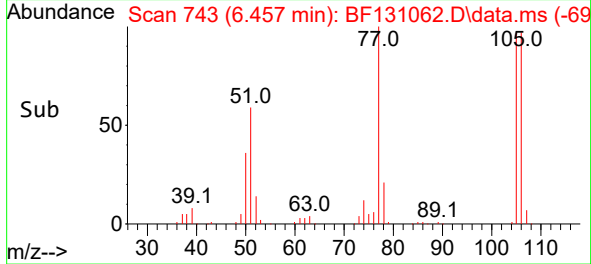
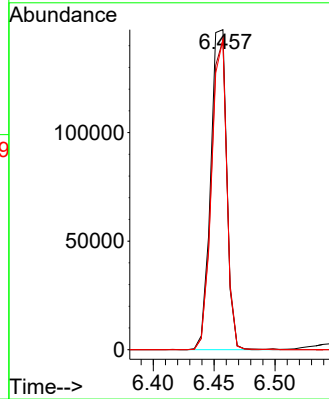
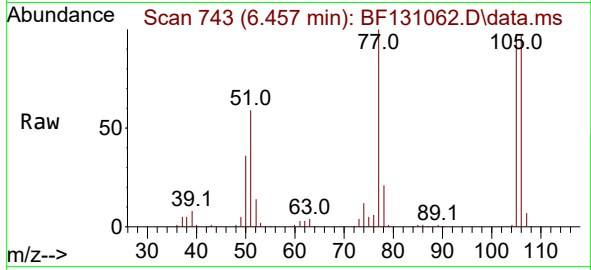




#9
Benzaldehyde
Concen: 45.417 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF131062.D
Acq: 08 Nov 2022 12:34

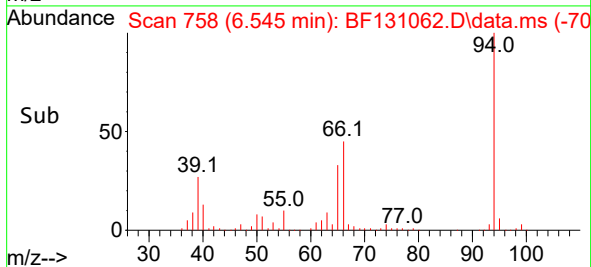
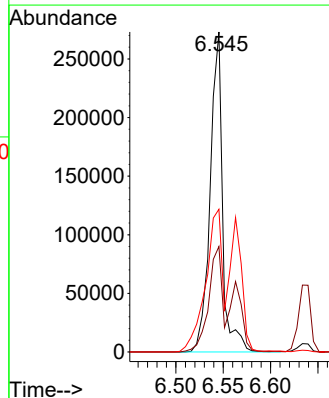
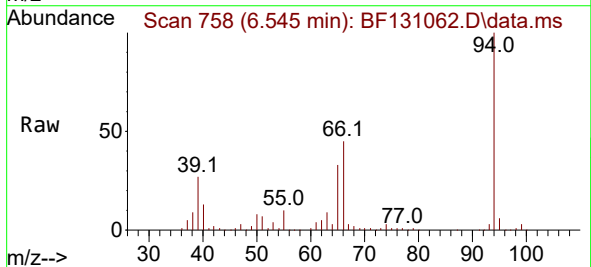
Instrument :
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ClientSampleId :
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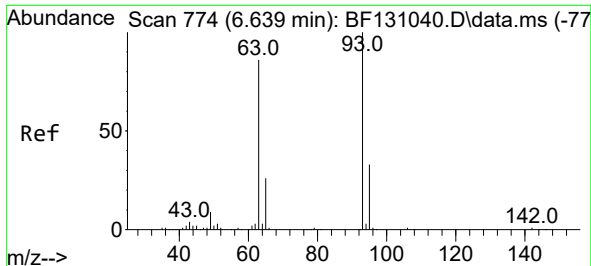
Tgt Ion: 77 Resp: 135311
Ion Ratio Lower Upper
77 100
105 96.8 76.4 116.4
106 96.9 73.3 113.3



#10
Phenol
Concen: 41.154 ng
RT: 6.545 min Scan# 758
Delta R.T. 0.000 min
Lab File: BF131062.D
Acq: 08 Nov 2022 12:34

Tgt Ion: 94 Resp: 248733
Ion Ratio Lower Upper
94 100
65 32.9 11.8 51.8
66 44.6 21.5 61.5

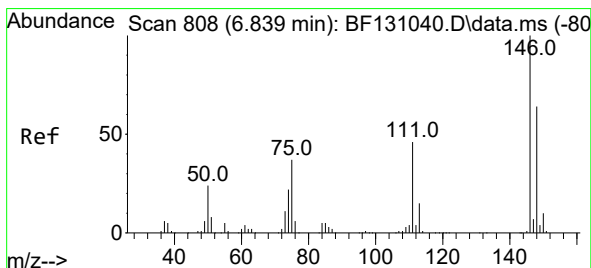
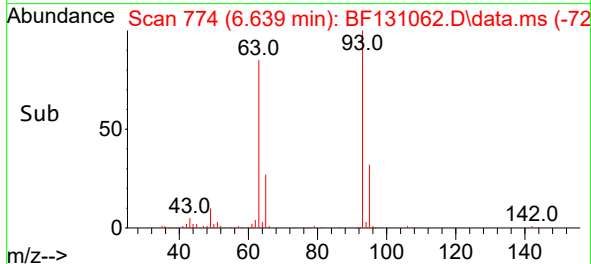
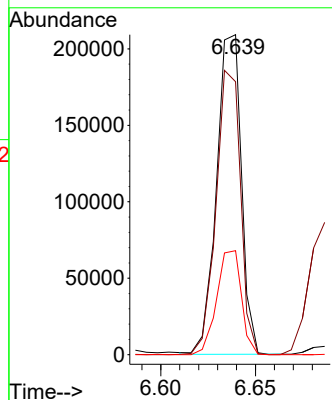
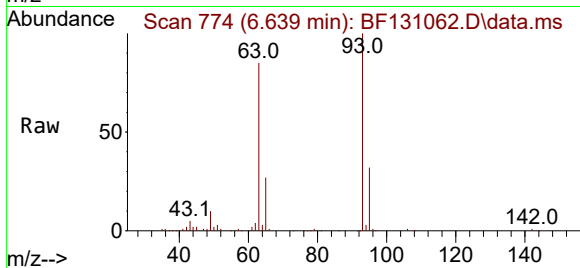




#11
bis(2-Chloroethyl)ether
Concen: 43.567 ng
RT: 6.639 min Scan# 774
Delta R.T. 0.000 min
Lab File: BF131062.D
Acq: 08 Nov 2022 12:34

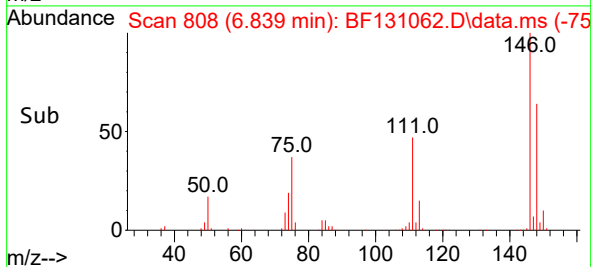
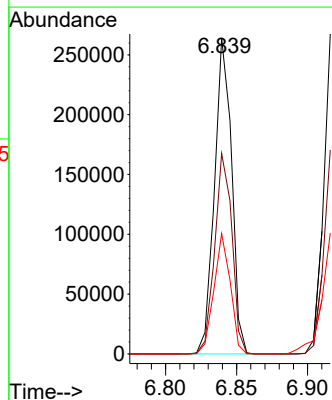
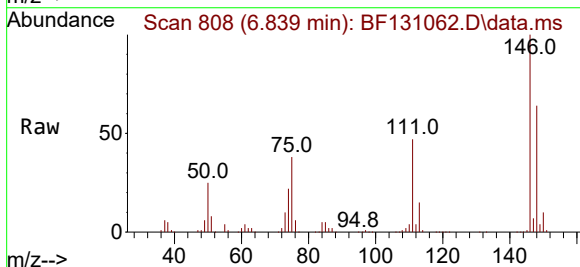
Instrument :
BNA_F
ClientSampleId :
SH-1MS

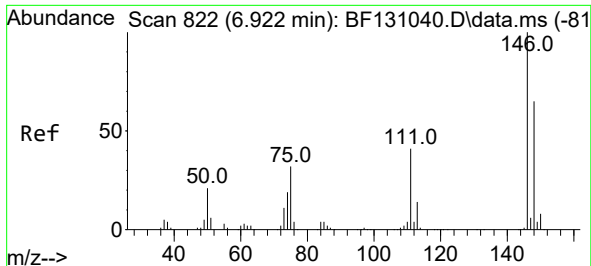
Tgt Ion: 93 Resp: 191008
Ion Ratio Lower Upper
93 100
63 85.3 65.6 105.6
95 32.5 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 42.828 ng
RT: 6.839 min Scan# 808
Delta R.T. 0.000 min
Lab File: BF131062.D
Acq: 08 Nov 2022 12:34

Tgt Ion: 146 Resp: 221561
Ion Ratio Lower Upper
146 100
148 63.5 50.9 76.3
75 38.1 29.8 44.6

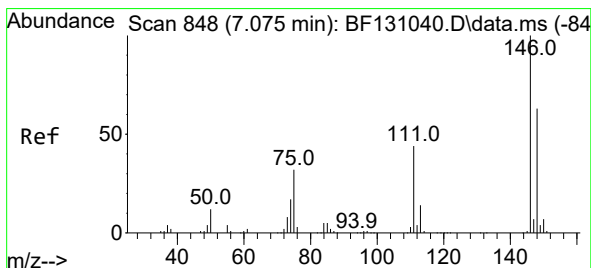
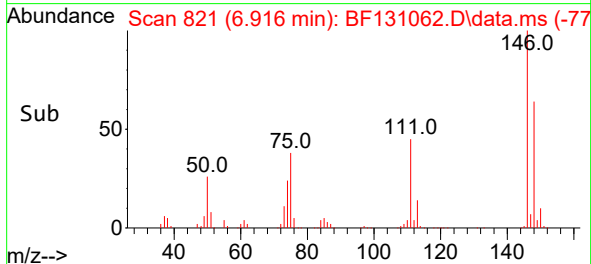
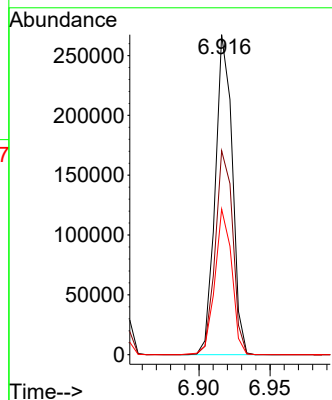
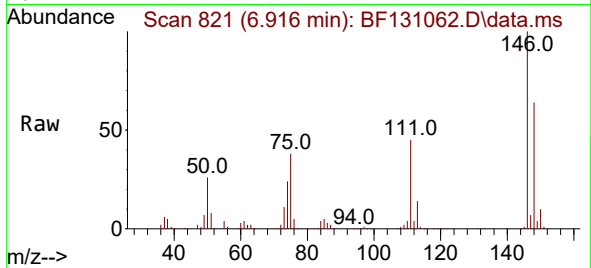




#13
1,4-Dichlorobenzene
Concen: 41.492 ng
RT: 6.916 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131062.D
Acq: 08 Nov 2022 12:34

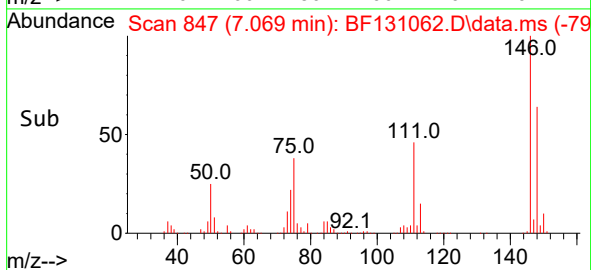
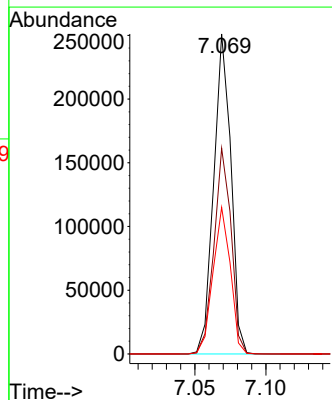
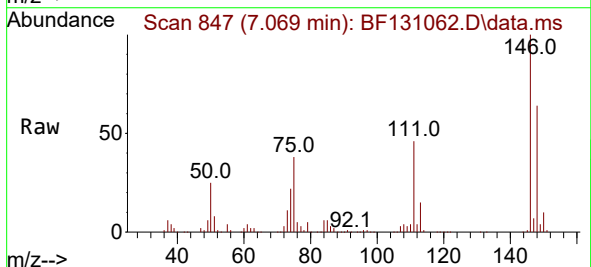
Instrument :
BNA_F
ClientSampleId :
SH-1MS

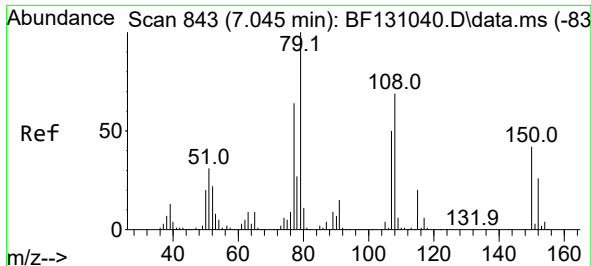
Tgt Ion:146 Resp: 223538
Ion Ratio Lower Upper
146 100
148 63.8 51.8 77.8
111 45.5 32.6 49.0



#14
1,2-Dichlorobenzene
Concen: 40.164 ng
RT: 7.069 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF131062.D
Acq: 08 Nov 2022 12:34

Tgt Ion:146 Resp: 211503
Ion Ratio Lower Upper
146 100
148 64.3 50.2 75.2
111 45.8 35.4 53.0





#15

Benzyl Alcohol

Concen: 38.920 ng

RT: 7.045 min Scan# 843

Delta R.T. 0.000 min

Lab File: BF131062.D

Acq: 08 Nov 2022 12:34

Instrument :

BNA_F

ClientSampleId :

SH-1MS

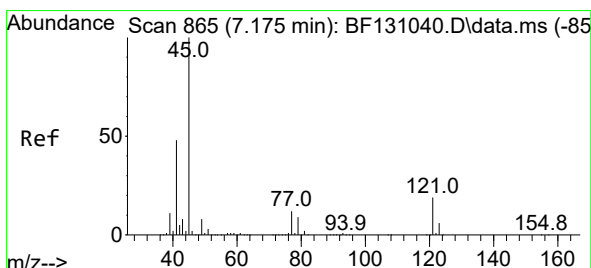
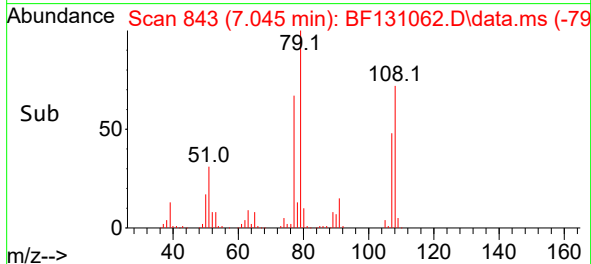
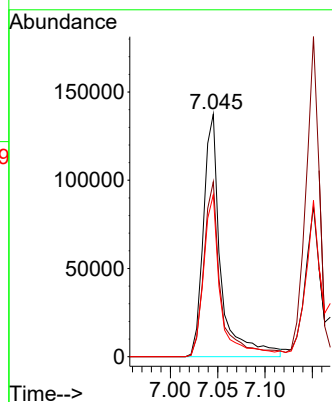
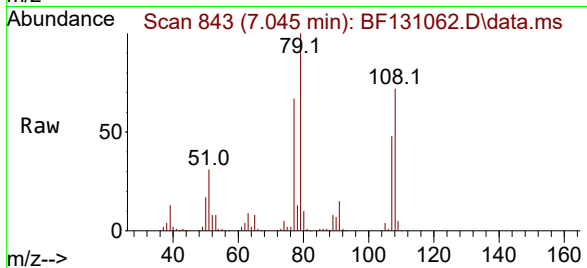
Tgt Ion: 79 Resp: 175340

Ion Ratio Lower Upper

79 100

108 72.1 55.2 82.8

77 66.7 50.9 76.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.645 ng

RT: 7.175 min Scan# 865

Delta R.T. 0.000 min

Lab File: BF131062.D

Acq: 08 Nov 2022 12:34

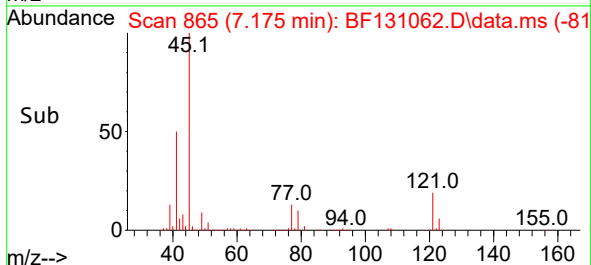
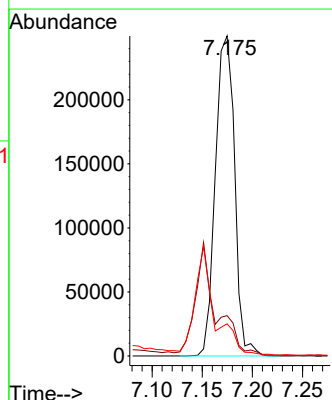
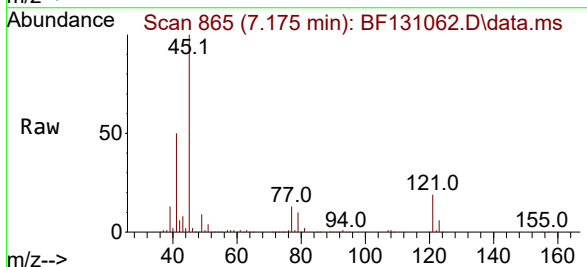
Tgt Ion: 45 Resp: 332761

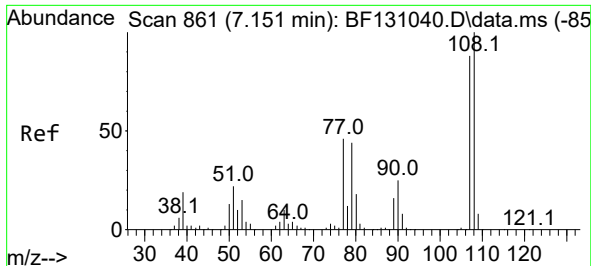
Ion Ratio Lower Upper

45 100

77 12.6 0.0 32.5

79 10.1 0.0 29.7

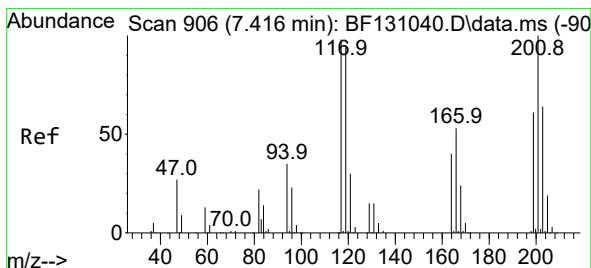
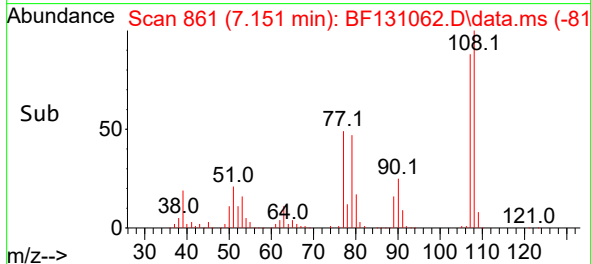
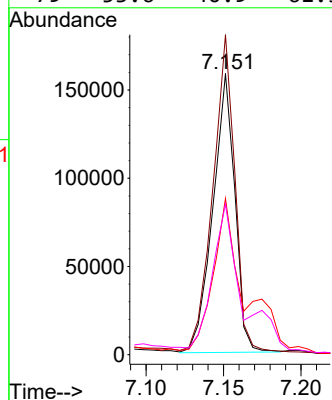
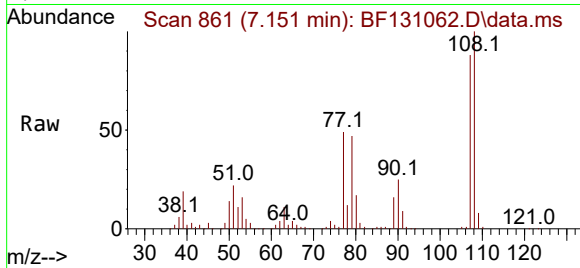




#17
2-Methylphenol
Concen: 39.686 ng
RT: 7.151 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF131062.D
Acq: 08 Nov 2022 12:34

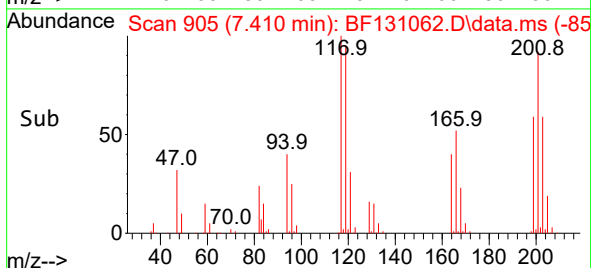
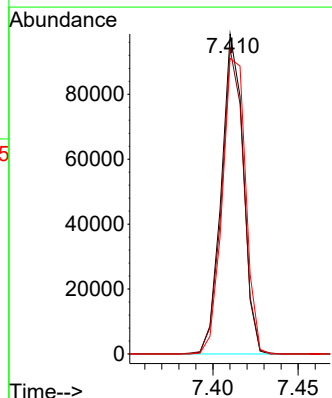
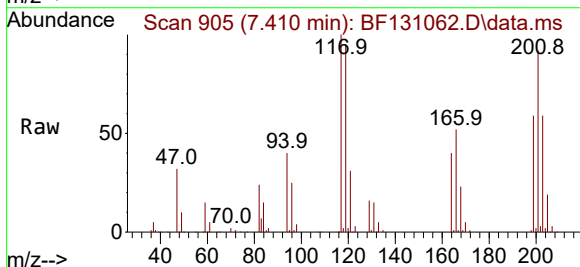
Instrument :
BNA_F
ClientSampleId :
SH-1MS

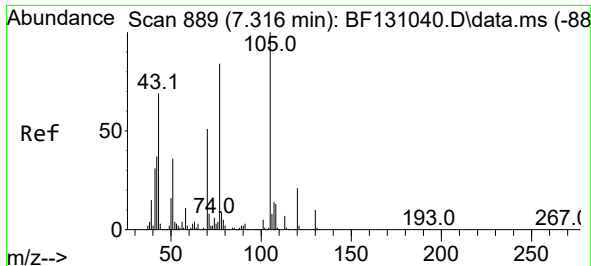
Tgt Ion:107 Resp: 156083
Ion Ratio Lower Upper
107 100
108 113.8 91.2 136.8
77 55.6 42.1 63.1
79 53.6 40.9 61.3



#18
Hexachloroethane
Concen: 43.077 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.006 min
Lab File: BF131062.D
Acq: 08 Nov 2022 12:34

Tgt Ion:117 Resp: 87921
Ion Ratio Lower Upper
117 100
119 95.3 76.9 115.3
201 92.4 81.8 122.6





#19

n-Nitroso-di-n-propylamine

Concen: 40.243 ng

RT: 7.316 min Scan# 889

Delta R.T. 0.000 min

Lab File: BF131062.D

Acq: 08 Nov 2022 12:34

Instrument :

BNA_F

ClientSampleId :

SH-1MS

Tgt Ion: 70 Resp: 147920

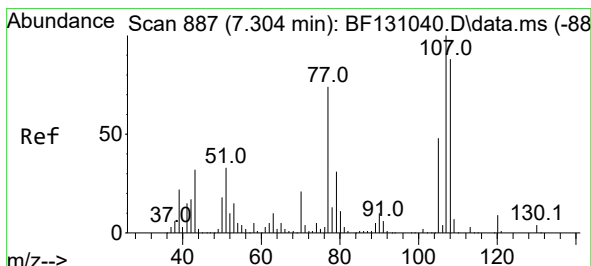
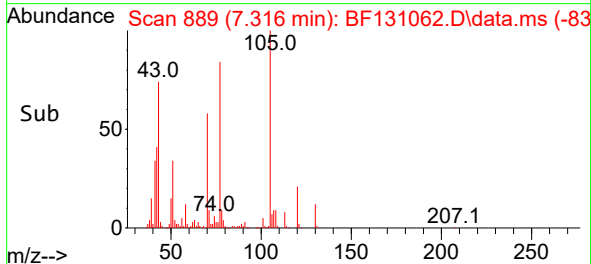
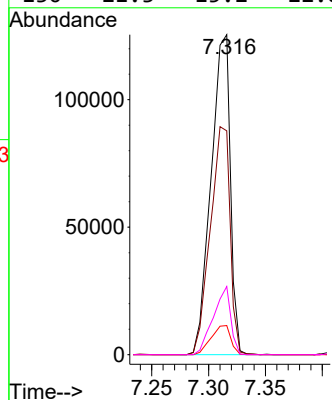
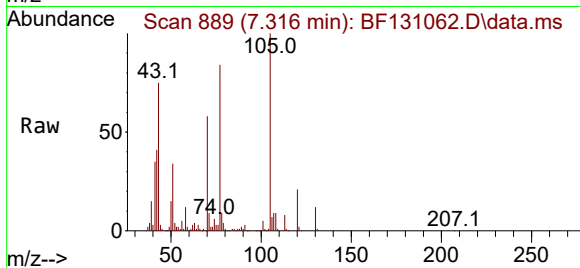
Ion Ratio Lower Upper

70 100

42 70.0 59.0 88.4

101 9.1 8.0 12.0

130 21.3 15.2 22.8



#20

3+4-Methylphenols

Concen: 37.539 ng

RT: 7.304 min Scan# 887

Delta R.T. 0.000 min

Lab File: BF131062.D

Acq: 08 Nov 2022 12:34

Tgt Ion: 107 Resp: 190929

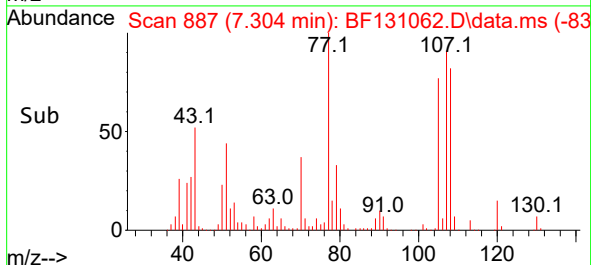
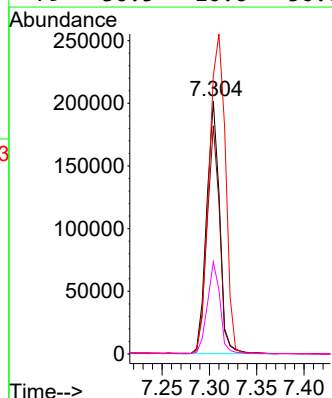
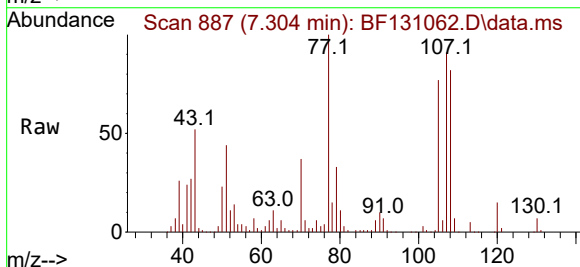
Ion Ratio Lower Upper

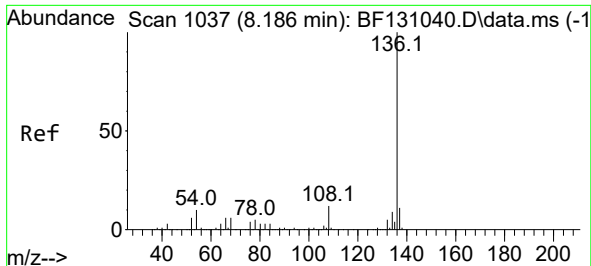
107 100

108 90.3 67.7 107.7

77 110.1 54.2 94.2#

79 36.5 10.6 50.6

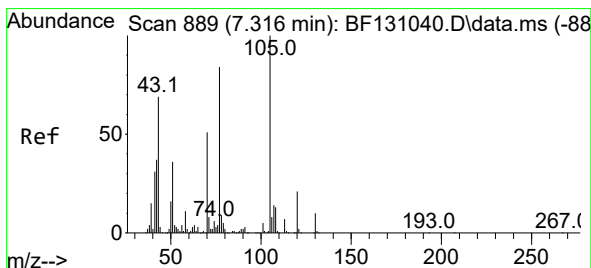
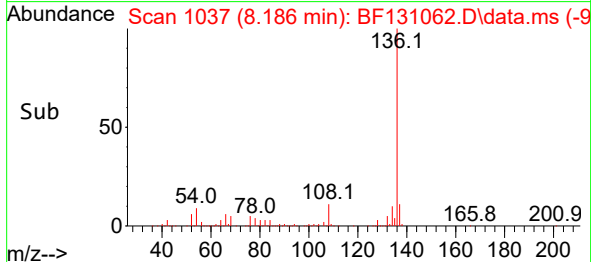
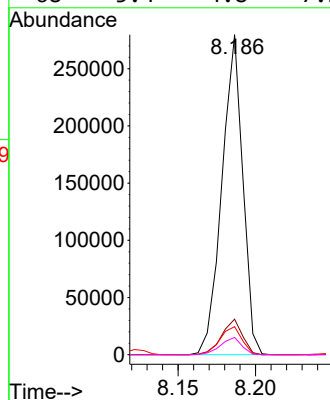
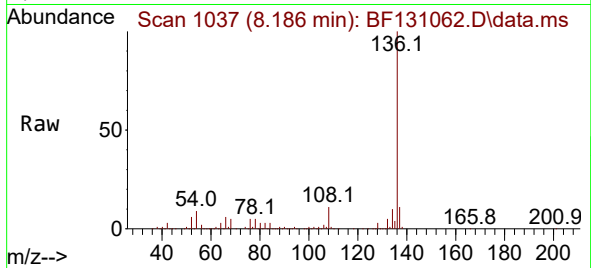




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1037
Delta R.T. 0.000 min
Lab File: BF131062.D
Acq: 08 Nov 2022 12:34

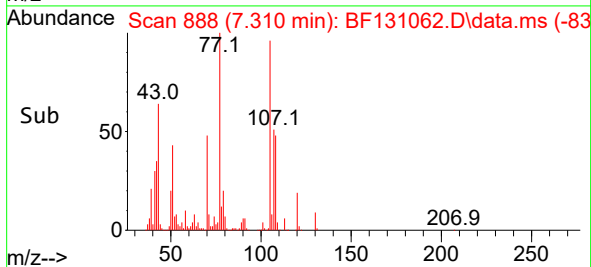
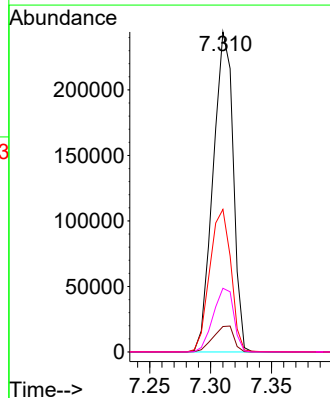
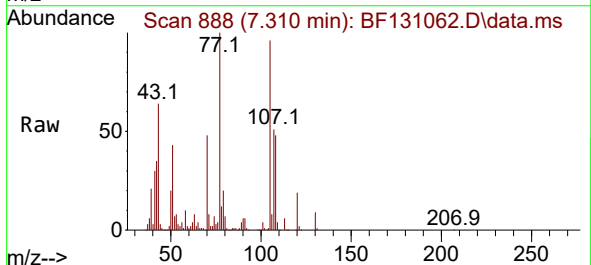
Instrument :
BNA_F
ClientSampleId :
SH-1MS

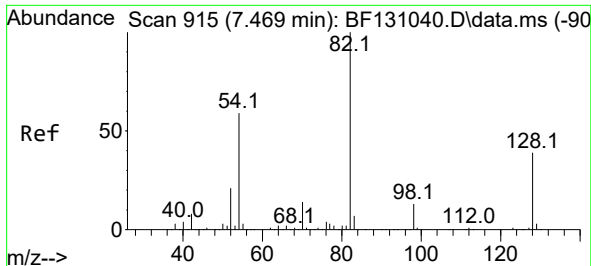
Tgt Ion:	136	Resp:	261321
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.8	8.2	12.2
68	5.4	4.8	7.2



#22
Acetophenone
Concen: 40.330 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.006 min
Lab File: BF131062.D
Acq: 08 Nov 2022 12:34

Tgt Ion:	105	Resp:	280585
Ion	Ratio	Lower	Upper
105	100		
71	8.0	6.5	9.7
51	44.6	28.5	42.7#
120	19.9	17.1	25.7

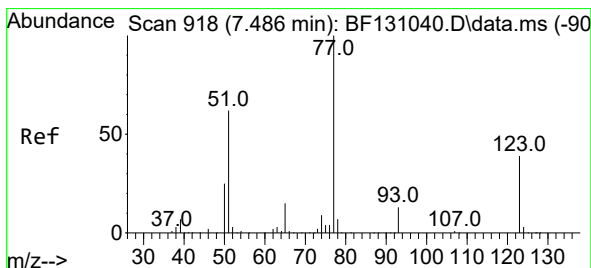
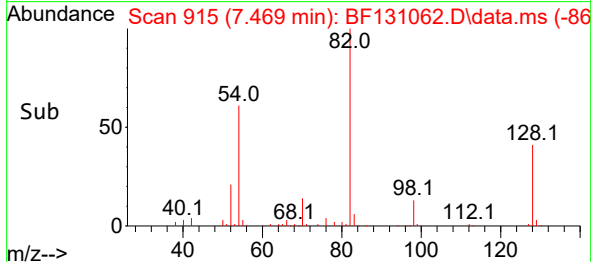
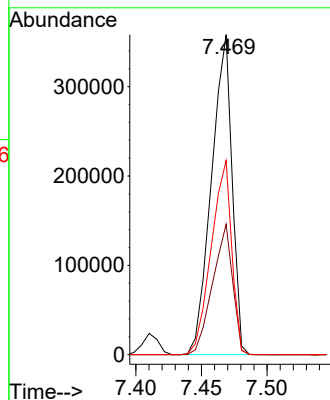
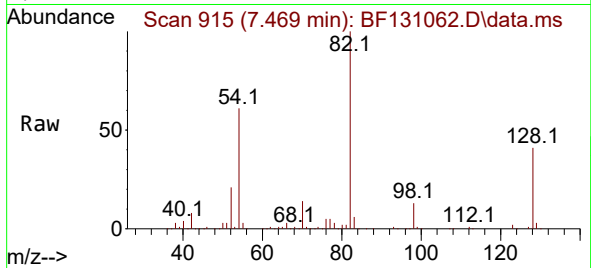




#23
Nitrobenzene-d5
Concen: 69.295 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.000 min
Lab File: BF131062.D
Acq: 08 Nov 2022 12:34

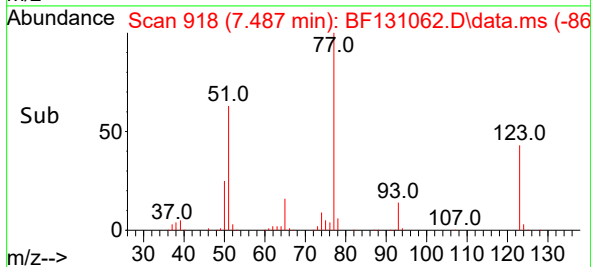
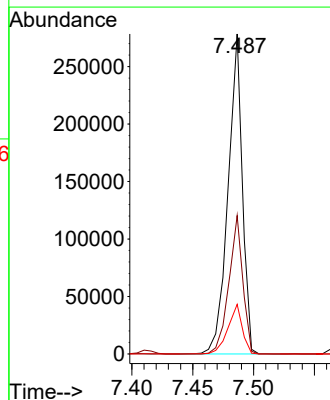
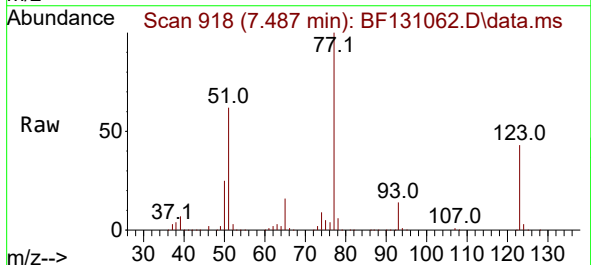
Instrument :
BNA_F
ClientSampleId :
SH-1MS

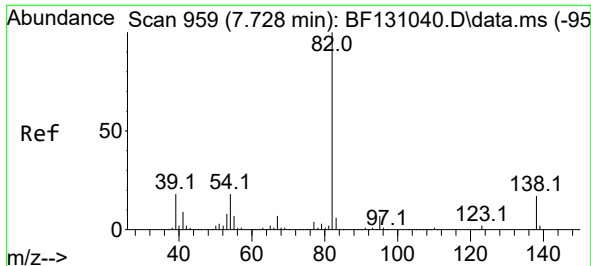
Tgt Ion: 82 Resp: 390661
Ion Ratio Lower Upper
82 100
128 40.7 31.3 46.9
54 60.7 47.2 70.8



#24
Nitrobenzene
Concen: 39.482 ng
RT: 7.487 min Scan# 918
Delta R.T. 0.000 min
Lab File: BF131062.D
Acq: 08 Nov 2022 12:34

Tgt Ion: 77 Resp: 228289
Ion Ratio Lower Upper
77 100
123 43.3 32.2 48.2
65 15.5 11.9 17.9

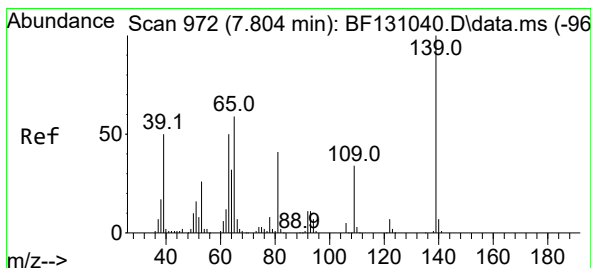
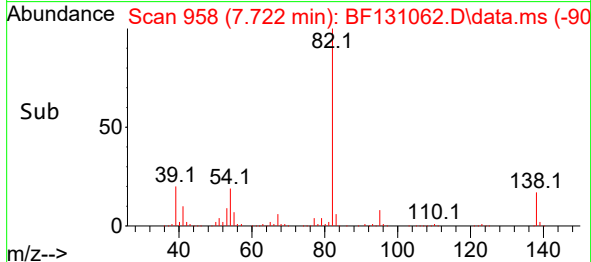
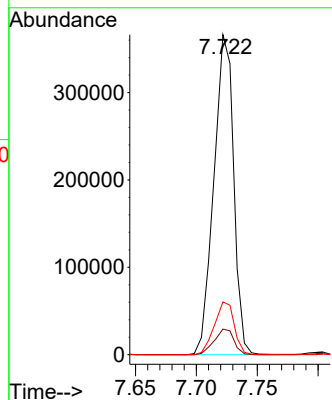
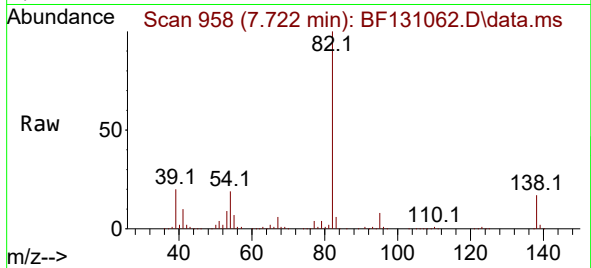




#25
Isophorone
Concen: 42.975 ng
RT: 7.722 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF131062.D
Acq: 08 Nov 2022 12:34

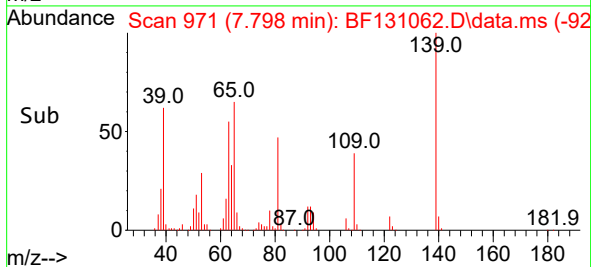
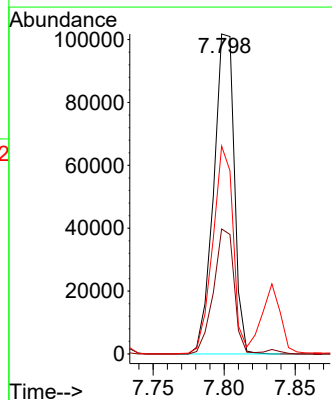
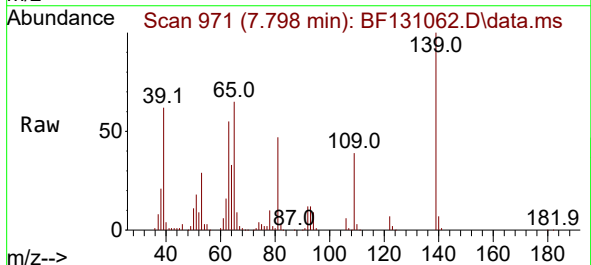
Instrument :
BNA_F
ClientSampleId :
SH-1MS

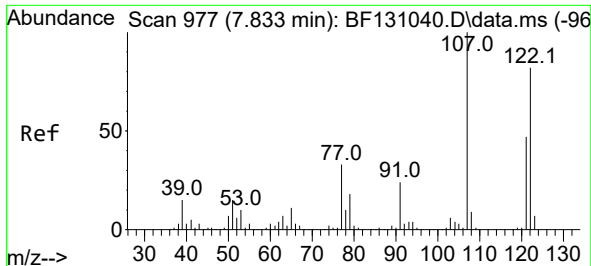
Tgt Ion: 82 Resp: 415269
Ion Ratio Lower Upper
82 100
95 8.0 5.8 8.6
138 16.5 13.5 20.3



#26
2-Nitrophenol
Concen: 41.912 ng
RT: 7.798 min Scan# 971
Delta R.T. -0.006 min
Lab File: BF131062.D
Acq: 08 Nov 2022 12:34

Tgt Ion: 139 Resp: 103208
Ion Ratio Lower Upper
139 100
109 39.0 27.6 41.4
65 65.0 47.1 70.7





#27

2,4-Dimethylphenol

Concen: 46.778 ng

RT: 7.834 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF131062.D

Acq: 08 Nov 2022 12:34

Instrument :

BNA_F

ClientSampleId :

SH-1MS

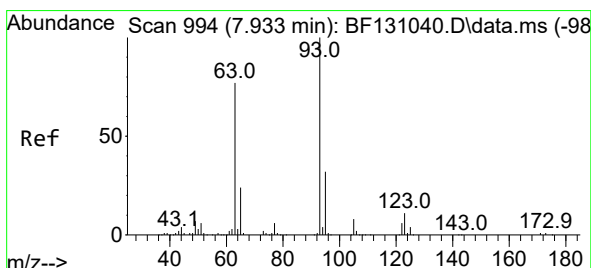
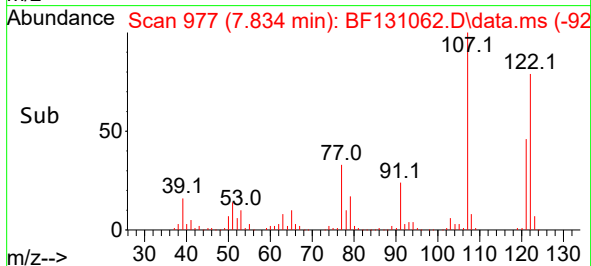
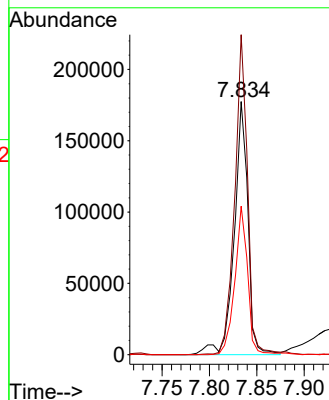
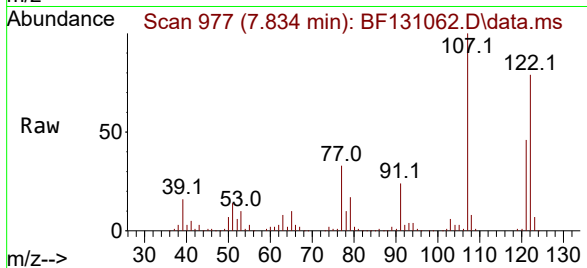
Tgt Ion:122 Resp: 177984

Ion Ratio Lower Upper

122 100

107 126.4 97.9 146.9

121 58.6 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 43.691 ng

RT: 7.934 min Scan# 994

Delta R.T. 0.000 min

Lab File: BF131062.D

Acq: 08 Nov 2022 12:34

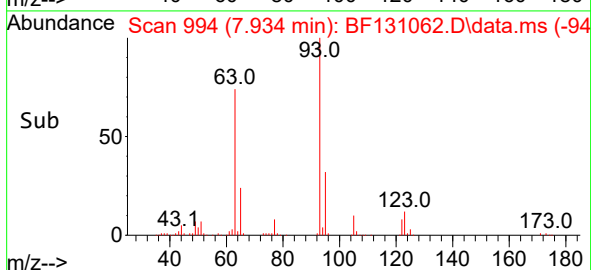
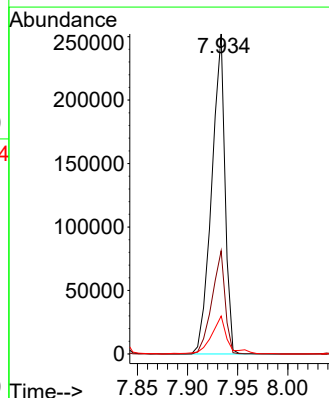
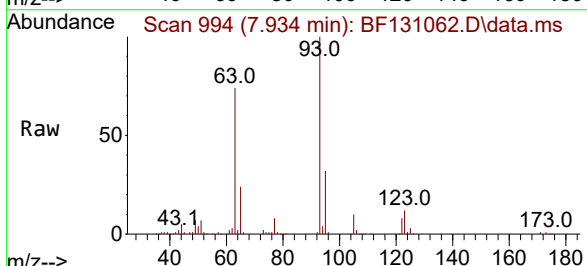
Tgt Ion: 93 Resp: 233168

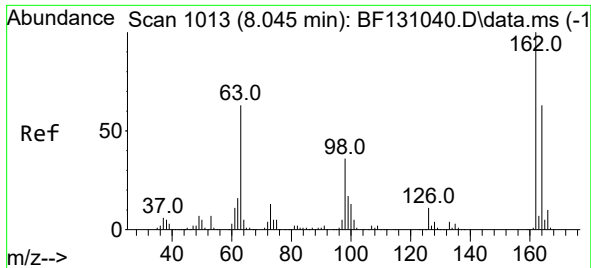
Ion Ratio Lower Upper

93 100

95 32.3 25.5 38.3

123 11.9 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 39.246 ng

RT: 8.039 min Scan# 1012

Delta R.T. -0.006 min

Lab File: BF131062.D

Acq: 08 Nov 2022 12:34

Instrument :

BNA_F

ClientSampleId :

SH-1MS

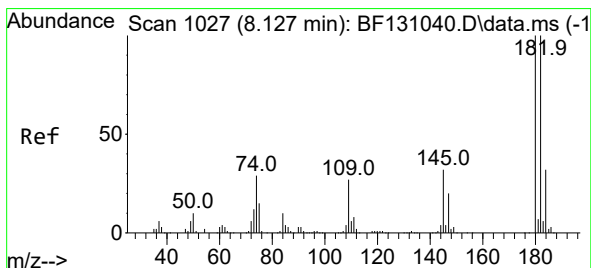
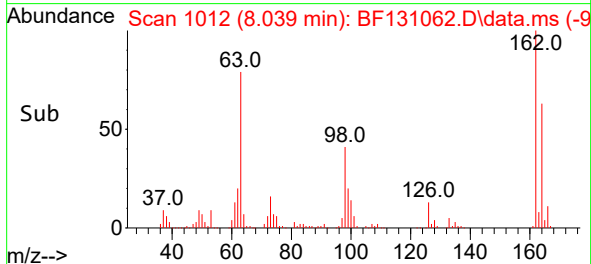
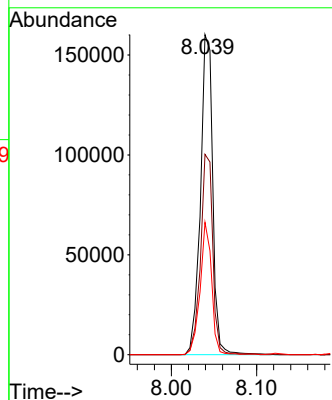
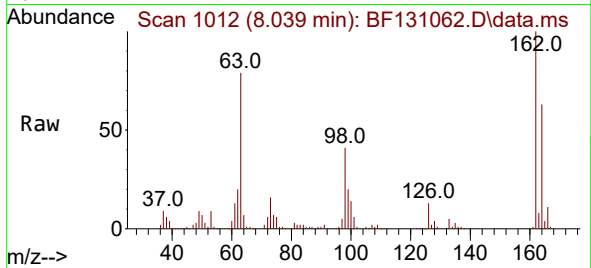
Tgt Ion:162 Resp: 160825

Ion Ratio Lower Upper

162 100

164 62.6 43.3 83.3

98 41.4 15.9 55.9



#30

1,2,4-Trichlorobenzene

Concen: 39.807 ng

RT: 8.122 min Scan# 1026

Delta R.T. -0.006 min

Lab File: BF131062.D

Acq: 08 Nov 2022 12:34

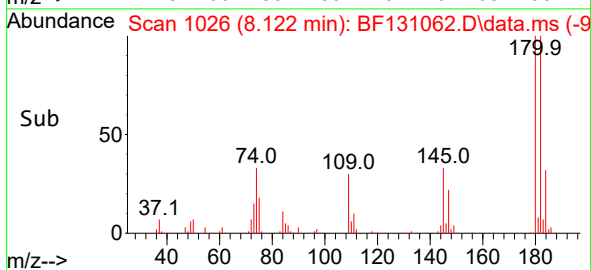
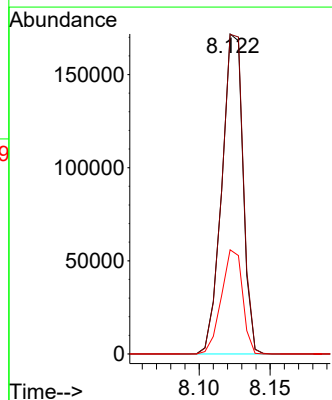
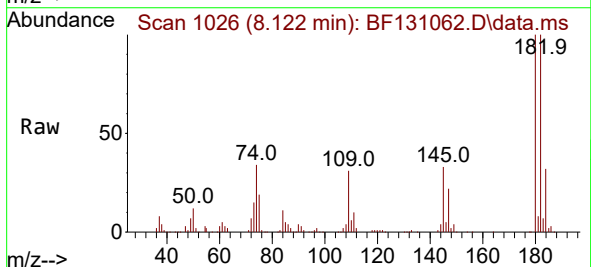
Tgt Ion:180 Resp: 177867

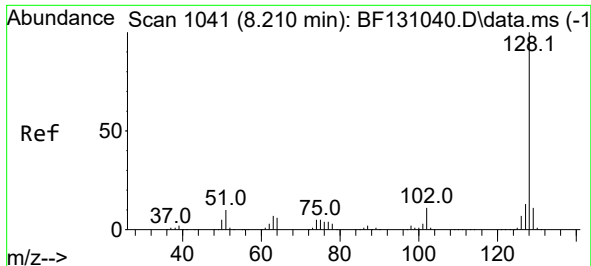
Ion Ratio Lower Upper

180 100

182 99.9 80.3 120.5

145 32.6 25.8 38.6

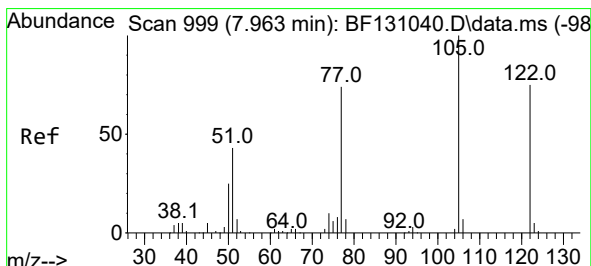
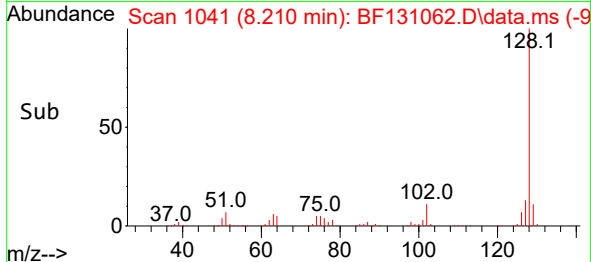
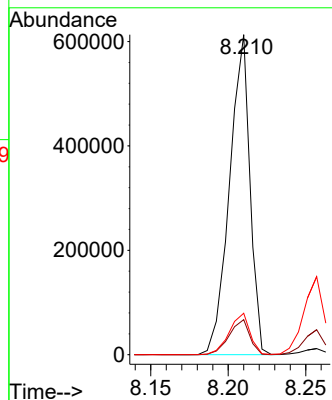
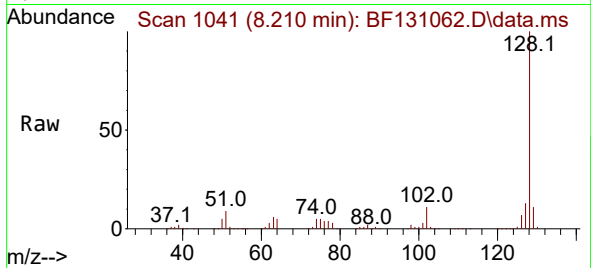




#31
Naphthalene
Concen: 39.330 ng
RT: 8.210 min Scan# 1041
Delta R.T. 0.000 min
Lab File: BF131062.D
Acq: 08 Nov 2022 12:34

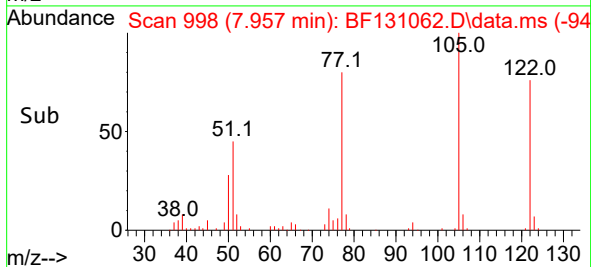
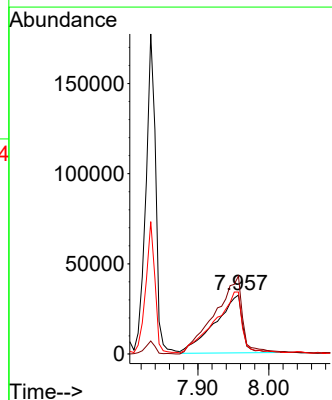
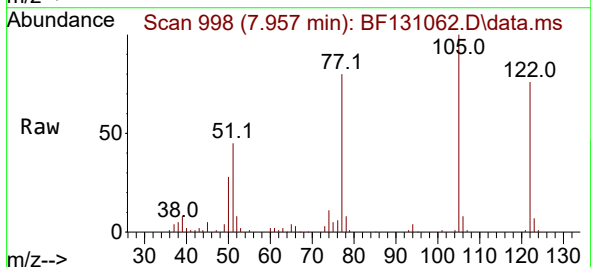
Instrument :
BNA_F
ClientSampleId :
SH-1MS

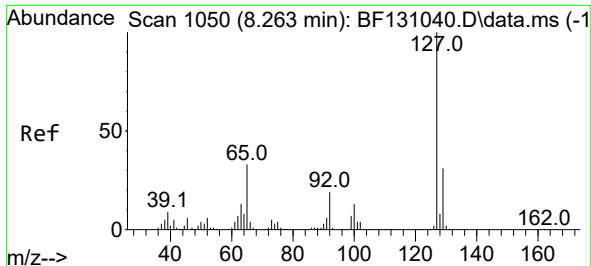
Tgt Ion:128 Resp: 561707
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.4
127 13.0 10.5 15.7



#32
Benzoic acid
Concen: 33.486 ng
RT: 7.957 min Scan# 998
Delta R.T. -0.006 min
Lab File: BF131062.D
Acq: 08 Nov 2022 12:34

Tgt Ion:122 Resp: 86793
Ion Ratio Lower Upper
122 100
105 132.2 106.0 146.0
77 105.2 74.4 114.4

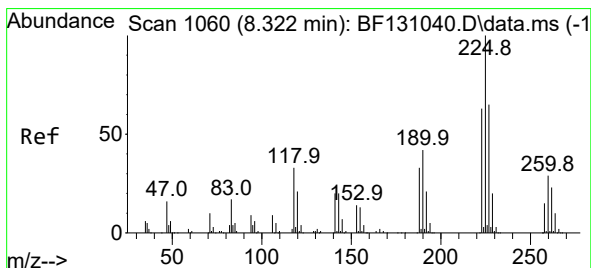
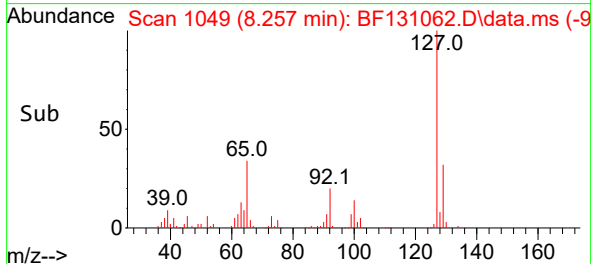
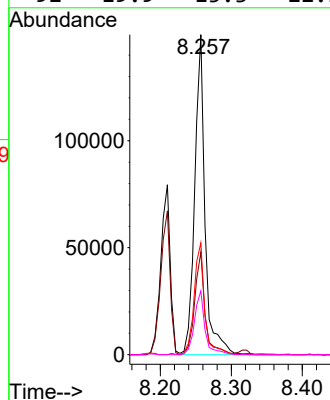
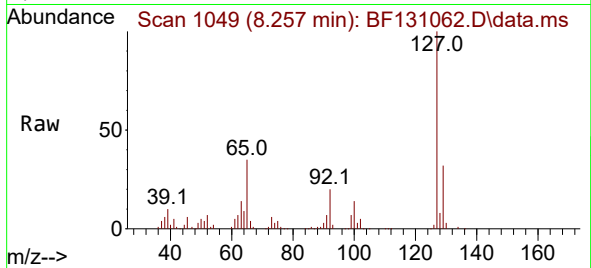




#33
4-Chloroaniline
Concen: 27.189 ng
RT: 8.257 min Scan# 1049
Delta R.T. -0.006 min
Lab File: BF131062.D
Acq: 08 Nov 2022 12:34

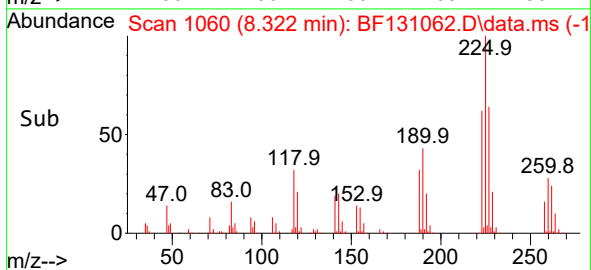
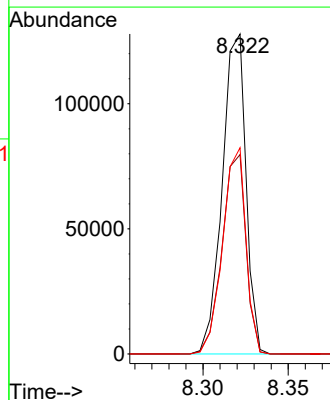
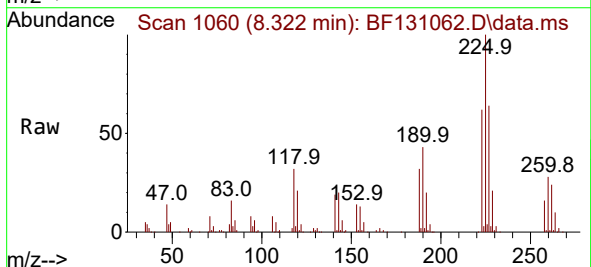
Instrument :
BNA_F
ClientSampleId :
SH-1MS

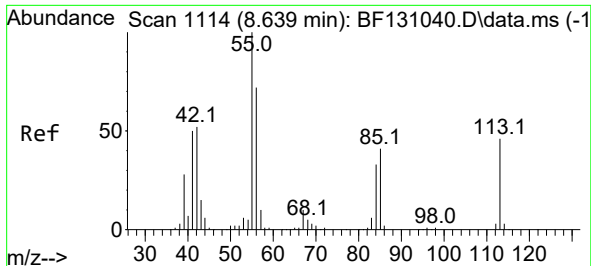
Tgt Ion:	127	Resp:	151849
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.0	37.6
65	34.9	26.6	40.0
92	19.9	15.3	22.9



#34
Hexachlorobutadiene
Concen: 42.572 ng
RT: 8.322 min Scan# 1060
Delta R.T. 0.000 min
Lab File: BF131062.D
Acq: 08 Nov 2022 12:34

Tgt Ion:	225	Resp:	124183
Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.2	75.4
227	64.4	52.0	78.0

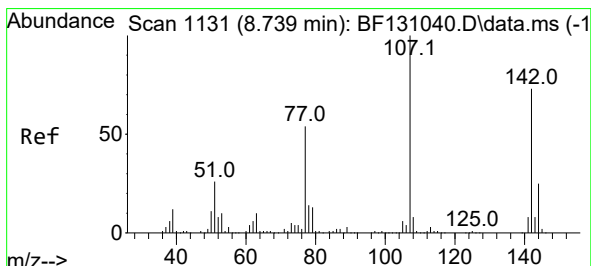
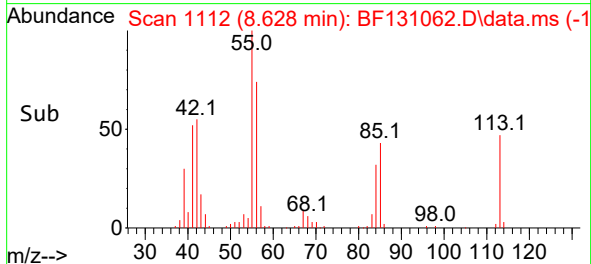
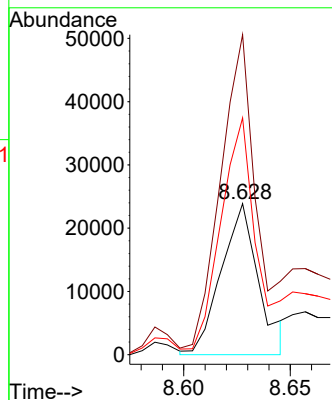
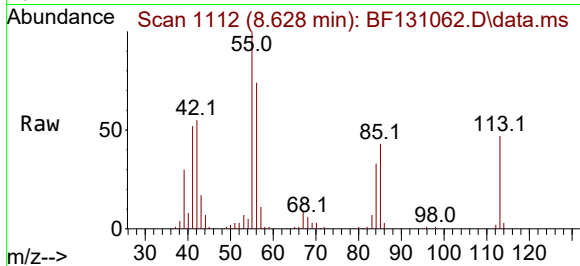




#35
 Caprolactam
 Concen: 23.080 ng
 RT: 8.628 min Scan# 1112
 Delta R.T. -0.012 min
 Lab File: BF131062.D
 Acq: 08 Nov 2022 12:34

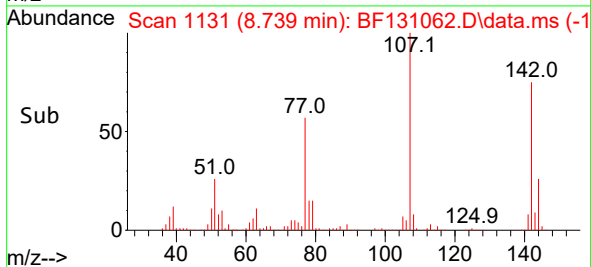
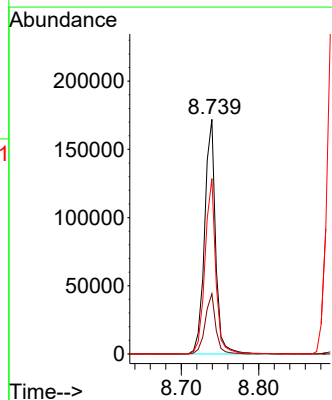
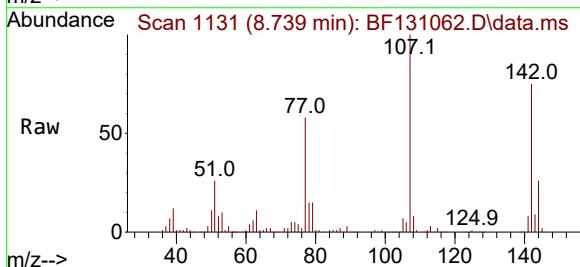
Instrument :
 BNA_F
 ClientSampleId :
 SH-1MS

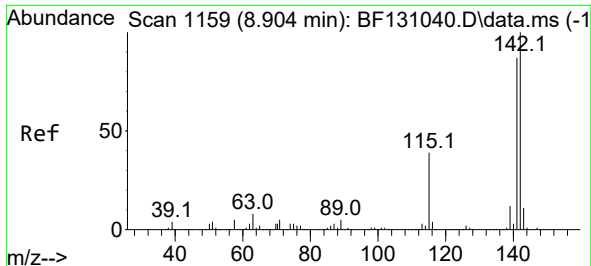
Tgt Ion:113 Resp: 29018
 Ion Ratio Lower Upper
 113 100
 55 211.9 199.0 239.0
 56 156.8 137.0 177.0



#36
 4-Chloro-3-methylphenol
 Concen: 38.210 ng
 RT: 8.739 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: BF131062.D
 Acq: 08 Nov 2022 12:34

Tgt Ion:107 Resp: 168999
 Ion Ratio Lower Upper
 107 100
 144 25.6 20.2 30.2
 142 74.7 58.6 88.0

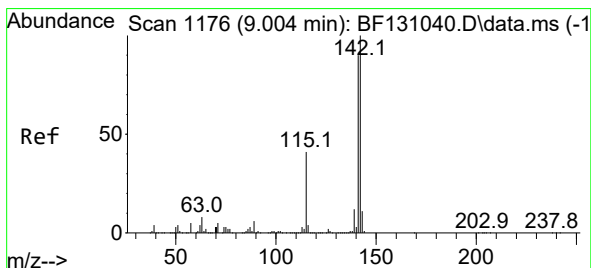
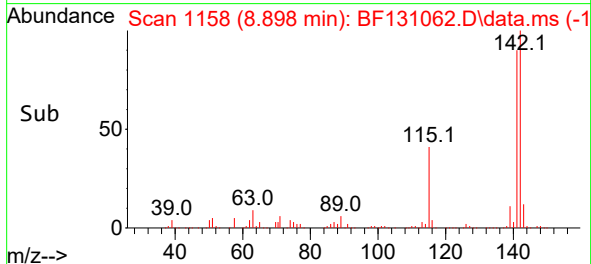
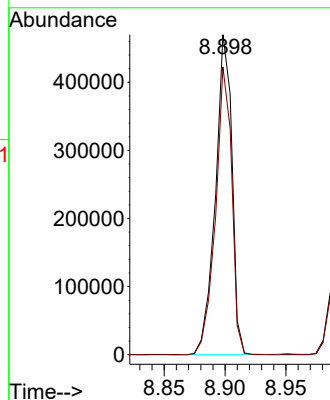
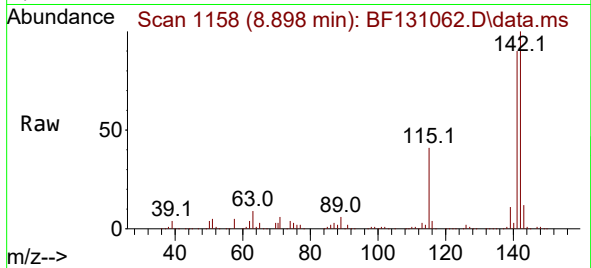




#37
2-Methylnaphthalene
Concen: 48.825 ng
RT: 8.898 min Scan# 1158
Delta R.T. -0.006 min
Lab File: BF131062.D
Acq: 08 Nov 2022 12:34

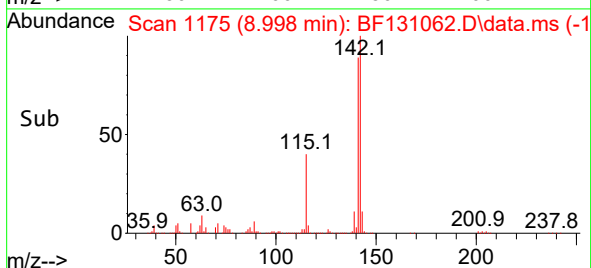
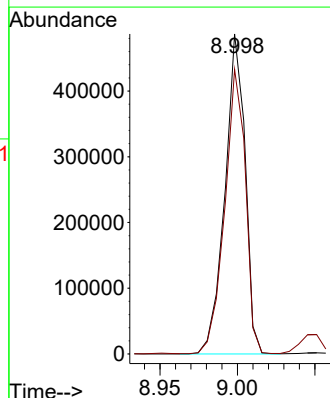
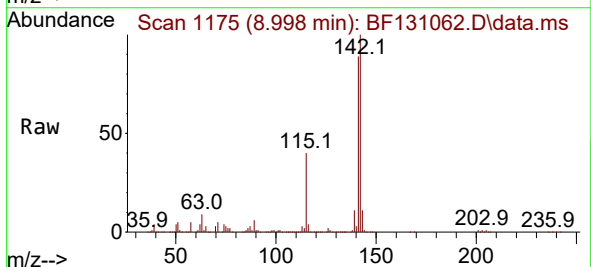
Instrument :
BNA_F
ClientSampleId :
SH-1MS

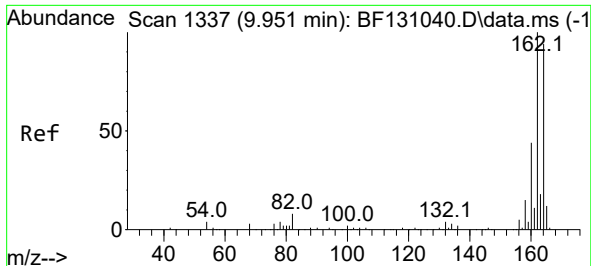
Tgt Ion:142 Resp: 443638
Ion Ratio Lower Upper
142 100
141 89.9 69.8 104.6



#38
1-Methylnaphthalene
Concen: 50.960 ng
RT: 8.998 min Scan# 1175
Delta R.T. -0.006 min
Lab File: BF131062.D
Acq: 08 Nov 2022 12:34

Tgt Ion:142 Resp: 442131
Ion Ratio Lower Upper
142 100
141 89.0 72.2 108.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.945 min Scan# 1186

Delta R.T. -0.006 min

Lab File: BF131062.D

Acq: 08 Nov 2022 12:34

Instrument :

BNA_F

ClientSampleId :

SH-1MS

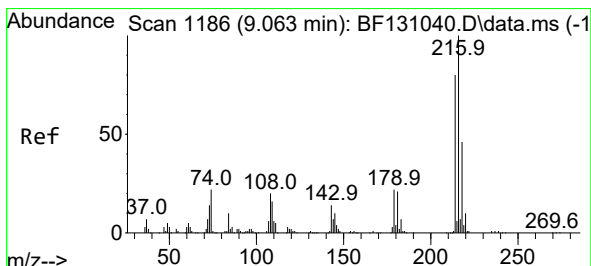
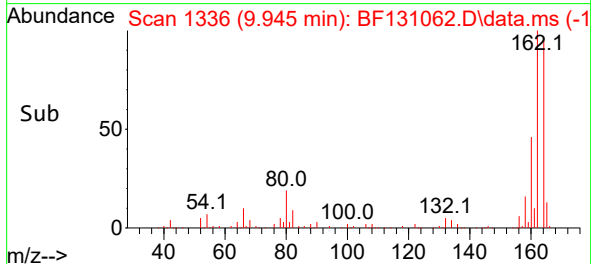
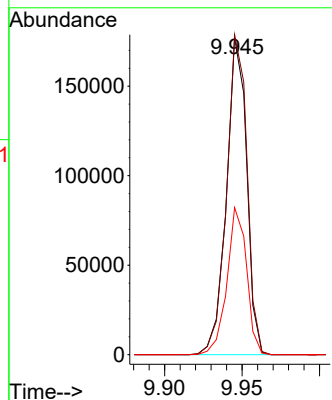
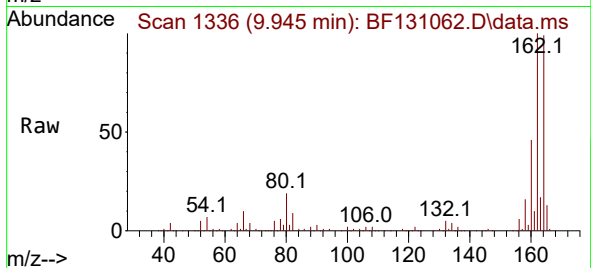
Tgt Ion:164 Resp: 160558

Ion Ratio Lower Upper

164 100

162 100.9 85.0 127.6

160 46.4 37.0 55.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.592 ng

RT: 9.063 min Scan# 1186

Delta R.T. 0.000 min

Lab File: BF131062.D

Acq: 08 Nov 2022 12:34

Tgt Ion:216 Resp: 220428

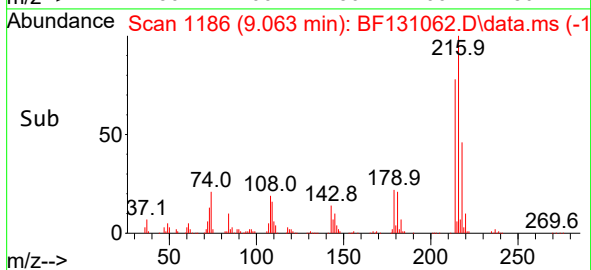
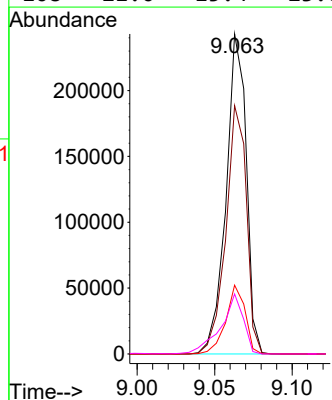
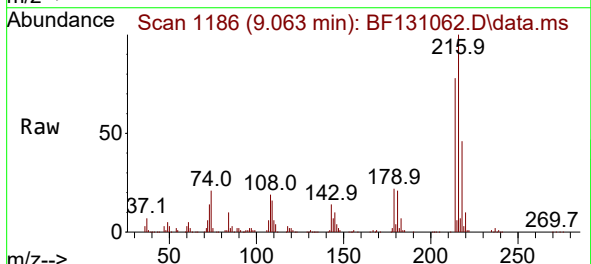
Ion Ratio Lower Upper

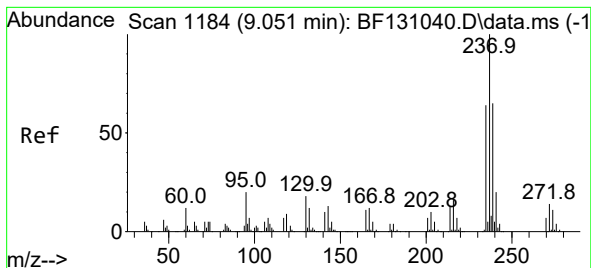
216 100

214 78.8 62.7 94.1

179 20.6 16.7 25.1

108 21.0 15.4 23.0





#41

Hexachlorocyclopentadiene

Concen: 103.674 ng

RT: 9.051 min Scan# 1184

Delta R.T. 0.000 min

Lab File: BF131062.D

Acq: 08 Nov 2022 12:34

Instrument :

BNA_F

ClientSampleId :

SH-1MS

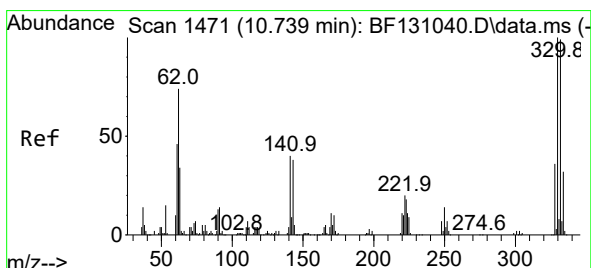
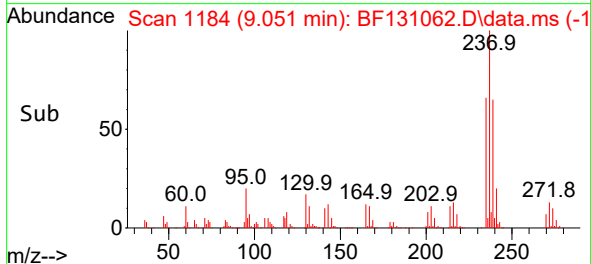
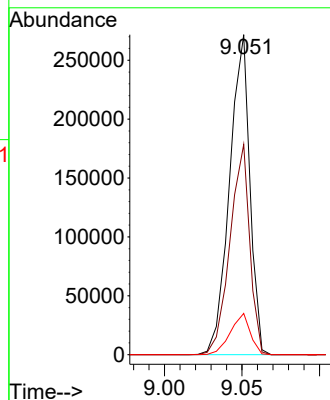
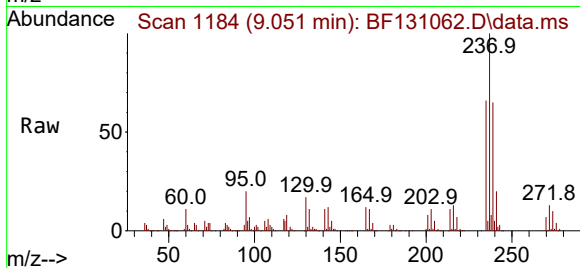
Tgt Ion:237 Resp: 247319

Ion Ratio Lower Upper

237 100

235 65.7 43.6 83.6

272 12.9 0.0 33.8



#42

2,4,6-Tribromophenol

Concen: 107.123 ng

RT: 10.739 min Scan# 1471

Delta R.T. 0.000 min

Lab File: BF131062.D

Acq: 08 Nov 2022 12:34

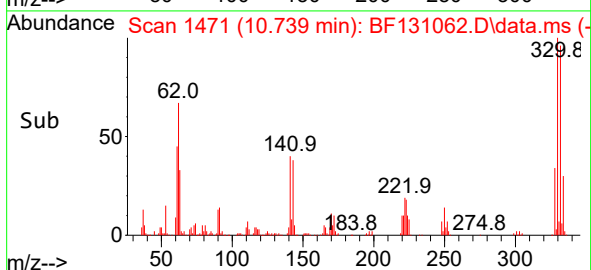
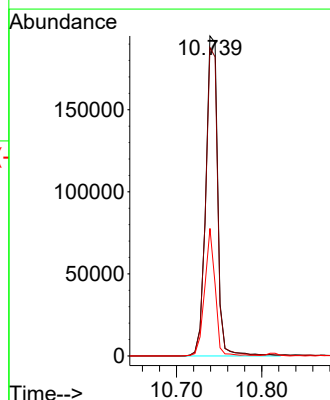
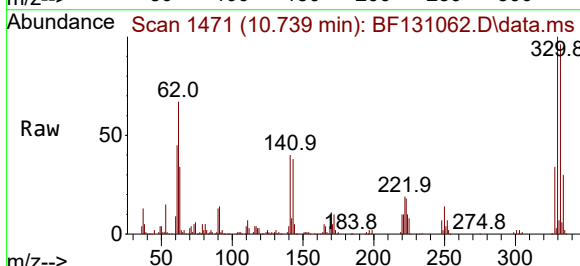
Tgt Ion:330 Resp: 189362

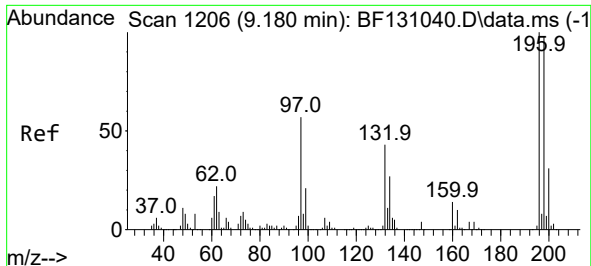
Ion Ratio Lower Upper

330 100

332 96.9 77.0 115.4

141 35.1 28.3 42.5

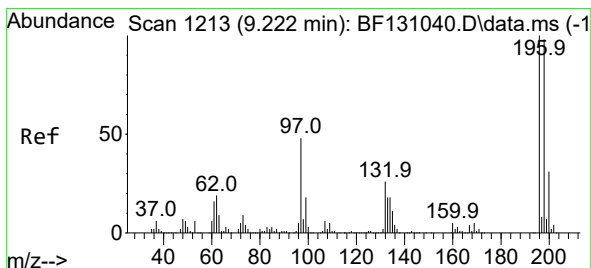
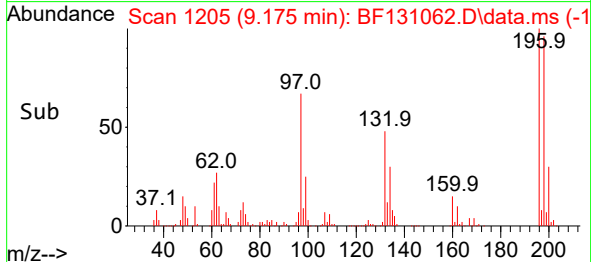
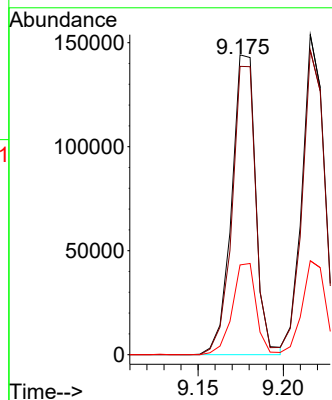
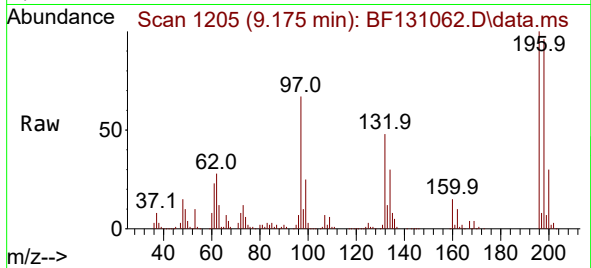




#43
 2,4,6-Trichlorophenol
 Concen: 41.004 ng
 RT: 9.175 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF131062.D
 Acq: 08 Nov 2022 12:34

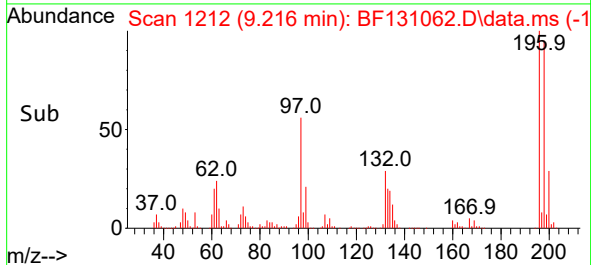
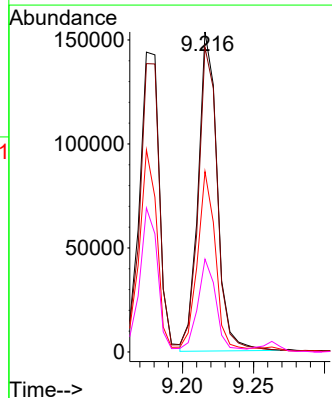
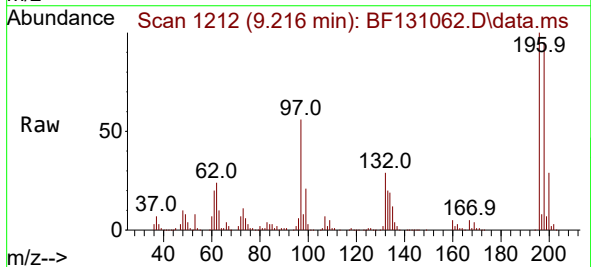
Instrument :
 BNA_F
 ClientSampleId :
 SH-1MS

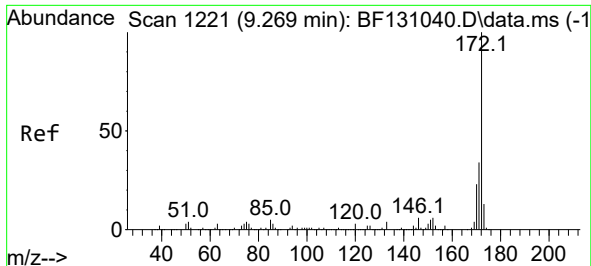
Tgt Ion:196 Resp: 141525
 Ion Ratio Lower Upper
 196 100
 198 96.1 78.2 117.2
 200 29.9 25.0 37.4



#44
 2,4,5-Trichlorophenol
 Concen: 37.250 ng
 RT: 9.216 min Scan# 1212
 Delta R.T. -0.006 min
 Lab File: BF131062.D
 Acq: 08 Nov 2022 12:34

Tgt Ion:196 Resp: 144169
 Ion Ratio Lower Upper
 196 100
 198 95.1 78.6 118.0
 97 56.3 38.9 58.3
 132 29.0 20.6 30.8

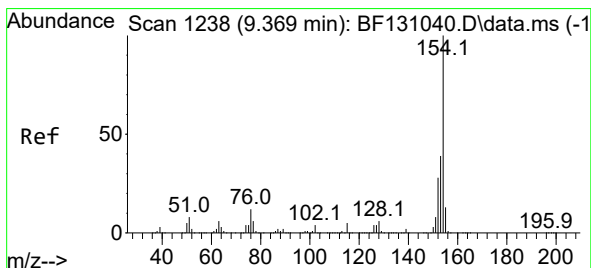
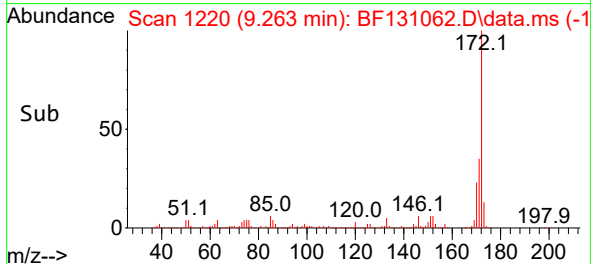
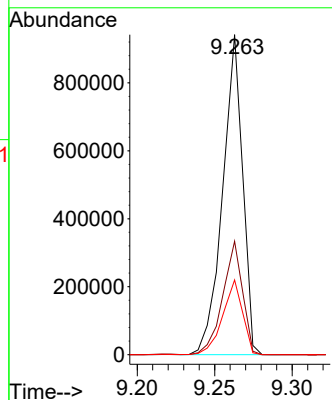
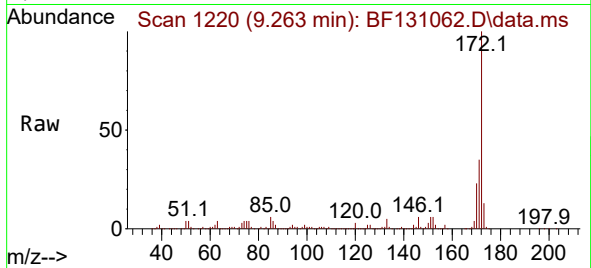




#45
2-Fluorobiphenyl
Concen: 71.641 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.006 min
Lab File: BF131062.D
Acq: 08 Nov 2022 12:34

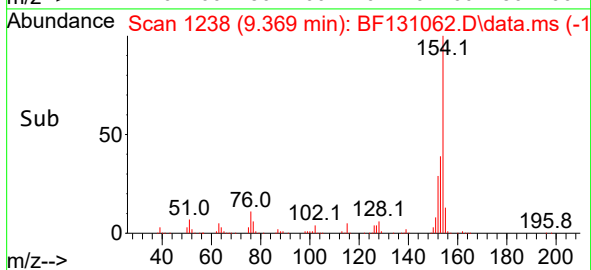
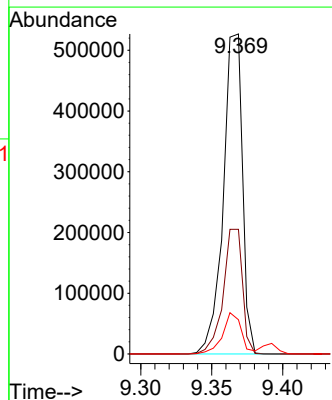
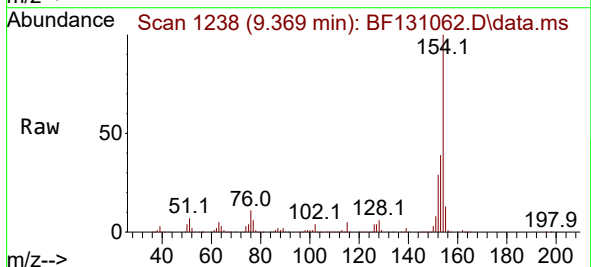
Instrument :
BNA_F
ClientSampleId :
SH-1MS

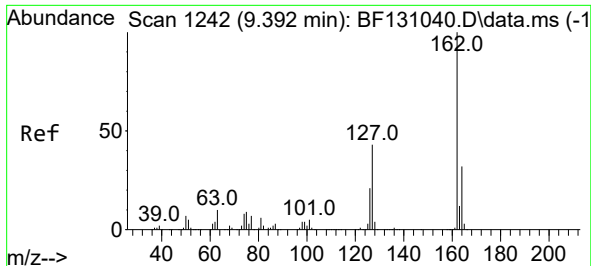
Tgt Ion:172 Resp: 844024
Ion Ratio Lower Upper
172 100
171 35.4 27.7 41.5
170 23.3 18.4 27.6



#46
1,1'-Biphenyl
Concen: 39.539 ng
RT: 9.369 min Scan# 1238
Delta R.T. -0.000 min
Lab File: BF131062.D
Acq: 08 Nov 2022 12:34

Tgt Ion:154 Resp: 494466
Ion Ratio Lower Upper
154 100
153 39.0 19.3 59.3
76 10.7 0.0 32.0

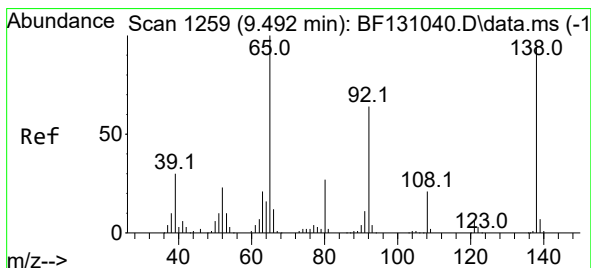
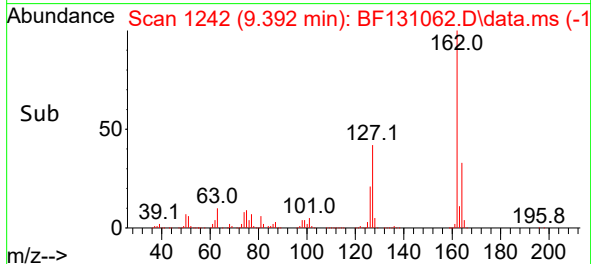
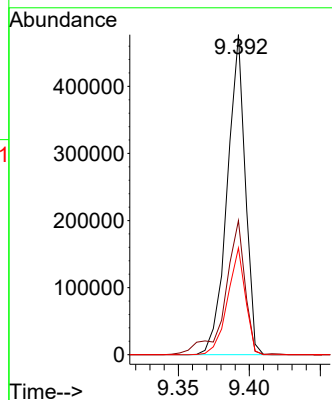
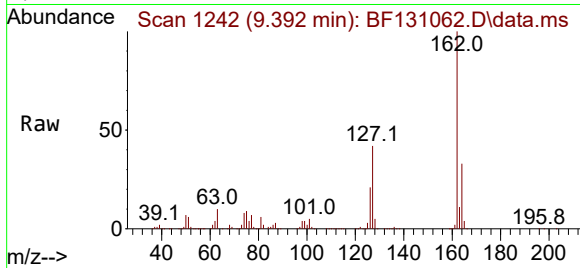




#47
2-Chloronaphthalene
Concen: 41.452 ng
RT: 9.392 min Scan# 1242
Delta R.T. 0.000 min
Lab File: BF131062.D
Acq: 08 Nov 2022 12:34

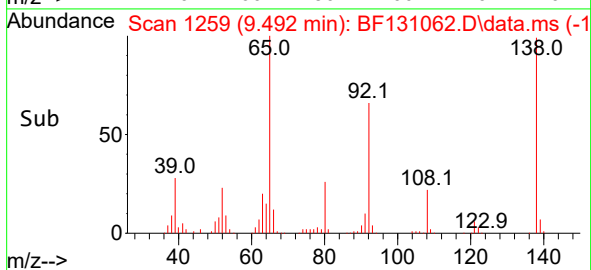
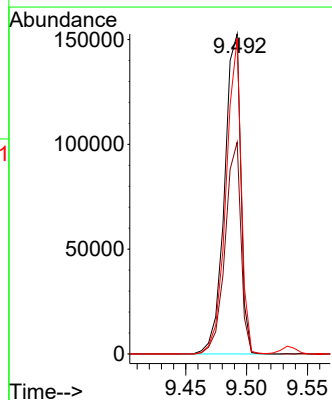
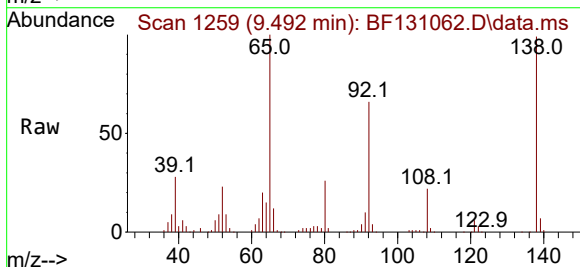
Instrument :
BNA_F
ClientSampleId :
SH-1MS

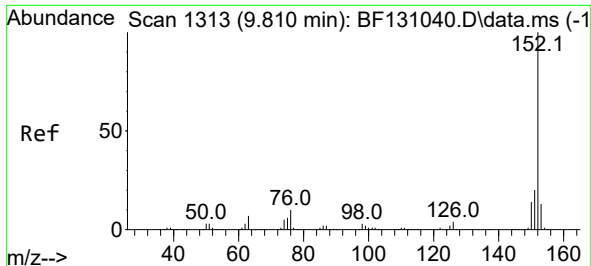
Tgt Ion:162 Resp: 420264
Ion Ratio Lower Upper
162 100
127 41.9 34.6 51.8
164 33.4 26.0 39.0



#48
2-Nitroaniline
Concen: 38.201 ng
RT: 9.492 min Scan# 1259
Delta R.T. 0.000 min
Lab File: BF131062.D
Acq: 08 Nov 2022 12:34

Tgt Ion: 65 Resp: 142350
Ion Ratio Lower Upper
65 100
92 66.1 51.3 76.9
138 98.7 75.0 112.4

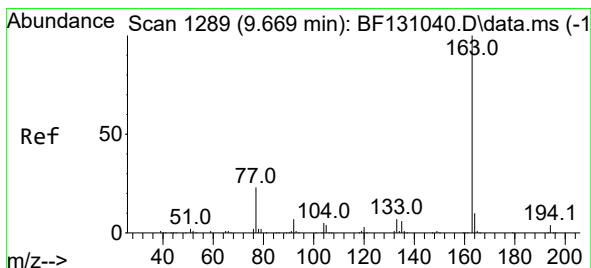
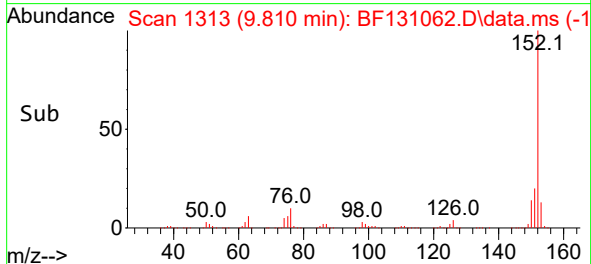
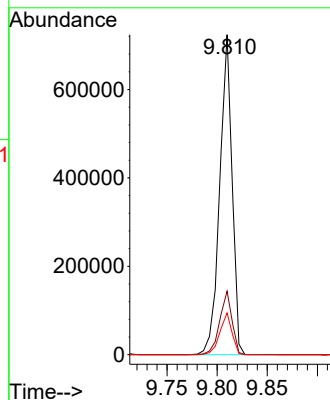
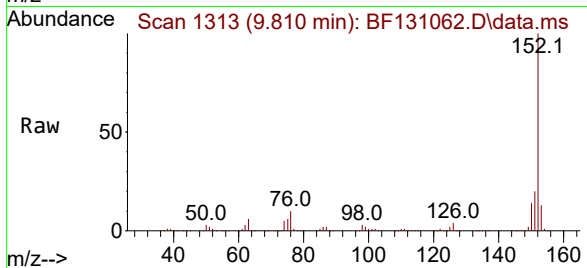




#49
Acenaphthylene
Concen: 39.755 ng
RT: 9.810 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF131062.D
Acq: 08 Nov 2022 12:34

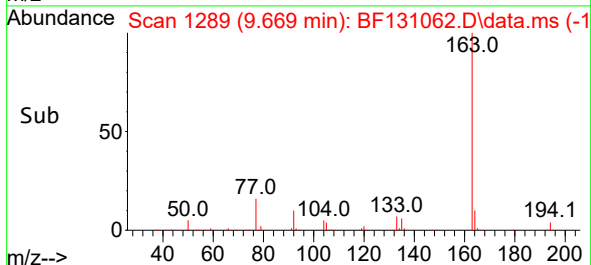
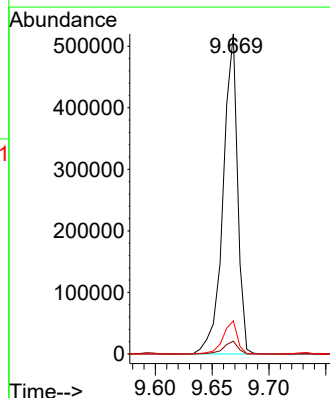
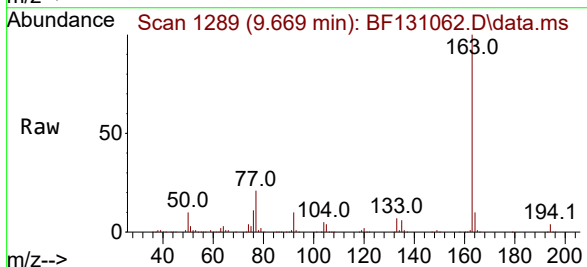
Instrument :
BNA_F
ClientSampleId :
SH-1MS

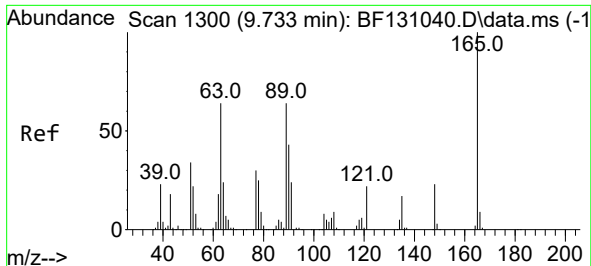
Tgt Ion:152 Resp: 619405
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.4
153 13.1 10.4 15.6



#50
Dimethylphthalate
Concen: 37.219 ng
RT: 9.669 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BF131062.D
Acq: 08 Nov 2022 12:34

Tgt Ion:163 Resp: 461825
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.3 8.3 12.5

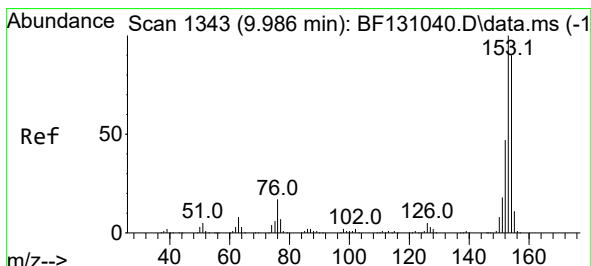
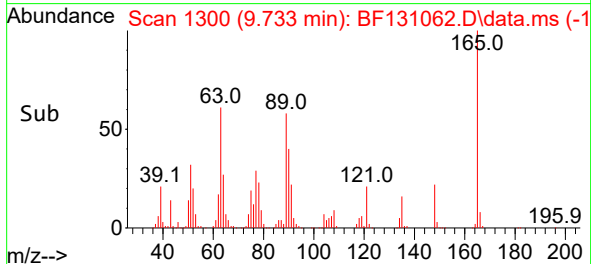
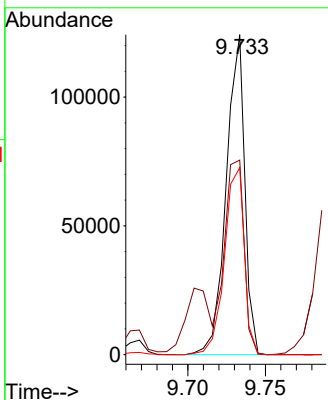
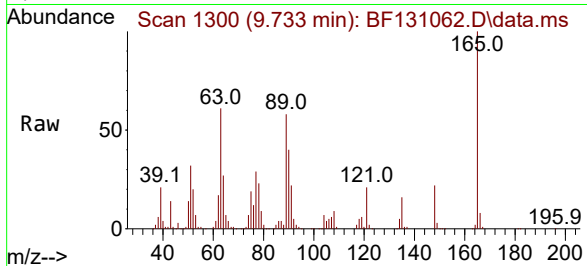




#51
2,6-Dinitrotoluene
Concen: 39.086 ng
RT: 9.733 min Scan# 1300
Delta R.T. 0.000 min
Lab File: BF131062.D
Acq: 08 Nov 2022 12:34

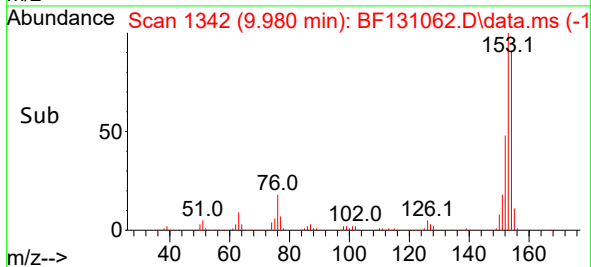
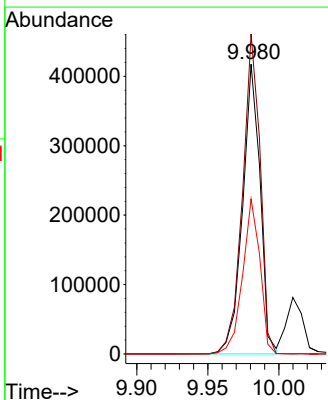
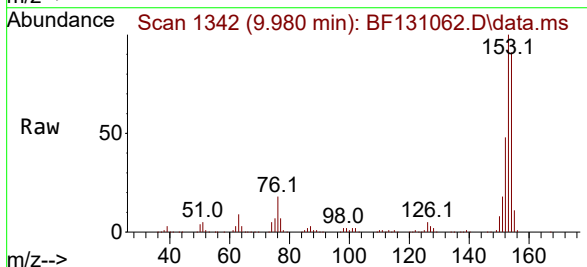
Instrument :
BNA_F
ClientSampleId :
SH-1MS

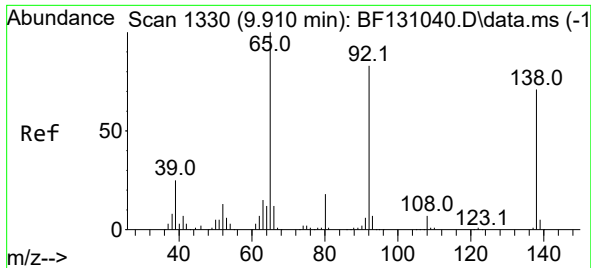
Tgt Ion:165 Resp: 103173
Ion Ratio Lower Upper
165 100
63 60.8 57.2 85.8
89 58.4 51.4 77.2



#52
Acenaphthene
Concen: 37.660 ng
RT: 9.980 min Scan# 1342
Delta R.T. -0.006 min
Lab File: BF131062.D
Acq: 08 Nov 2022 12:34

Tgt Ion:154 Resp: 359291
Ion Ratio Lower Upper
154 100
153 110.4 89.0 133.6
152 53.5 42.1 63.1

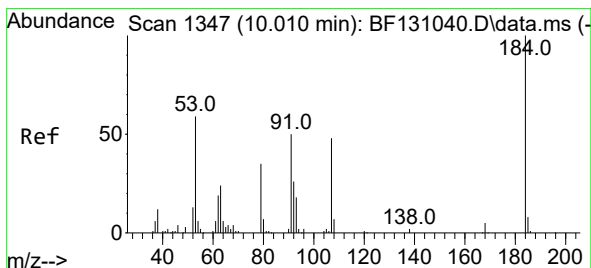
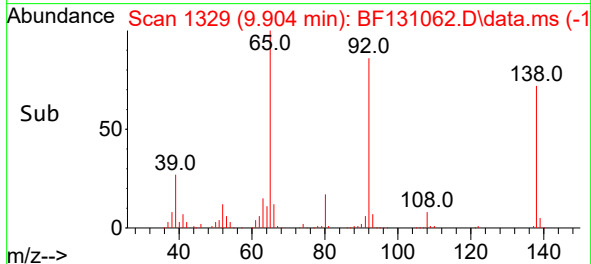
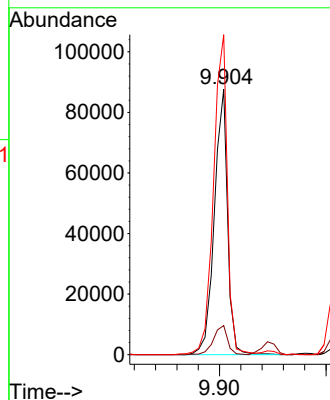
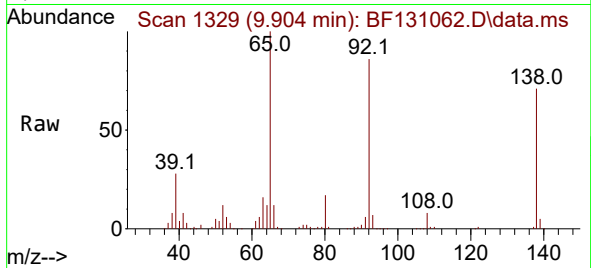




#53
3-Nitroaniline
Concen: 26.439 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF131062.D
Acq: 08 Nov 2022 12:34

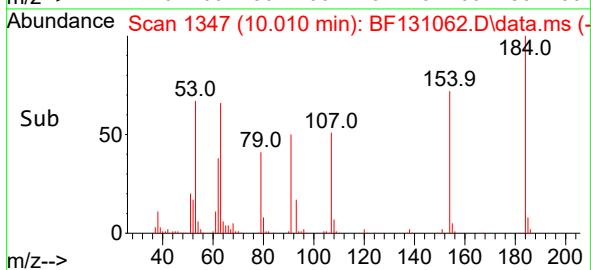
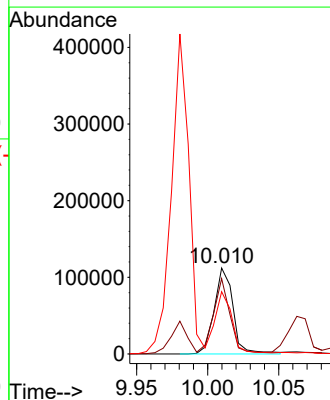
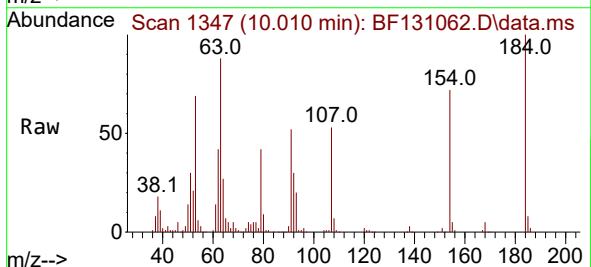
Instrument :
BNA_F
ClientSampleId :
SH-1MS

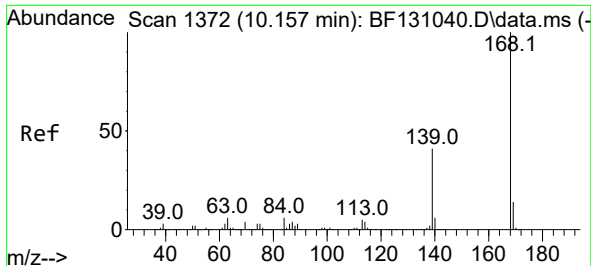
Tgt Ion:138 Resp: 75325
Ion Ratio Lower Upper
138 100
108 11.0 8.4 12.6
92 120.6 93.8 140.6



#54
2,4-Dinitrophenol
Concen: 77.792 ng
RT: 10.010 min Scan# 1347
Delta R.T. -0.000 min
Lab File: BF131062.D
Acq: 08 Nov 2022 12:34

Tgt Ion:184 Resp: 103399
Ion Ratio Lower Upper
184 100
63 87.6 63.8 95.8
154 72.4 53.8 80.6

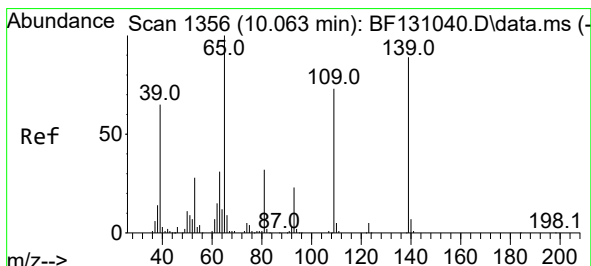
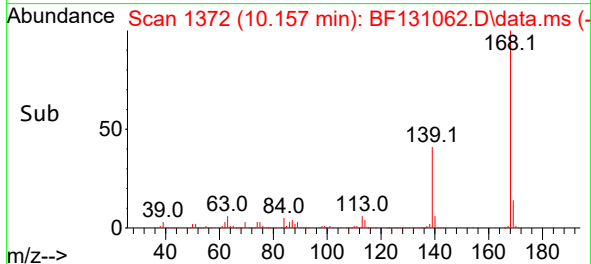
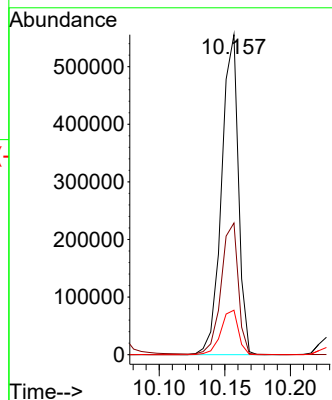
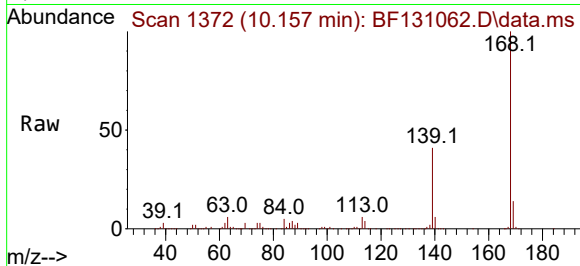




#55
Dibenzofuran
Concen: 37.777 ng
RT: 10.157 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF131062.D
Acq: 08 Nov 2022 12:34

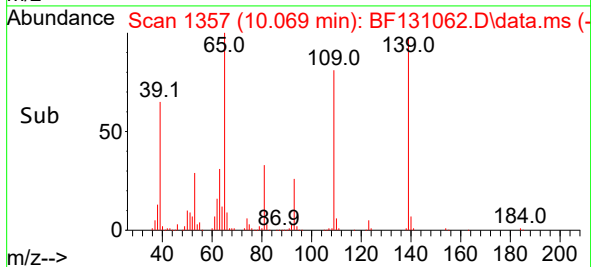
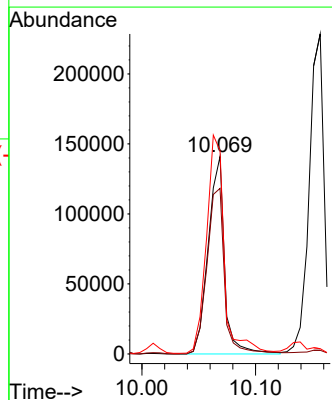
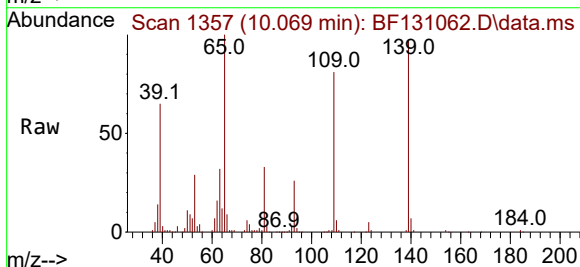
Instrument :
BNA_F
ClientSampleId :
SH-1MS

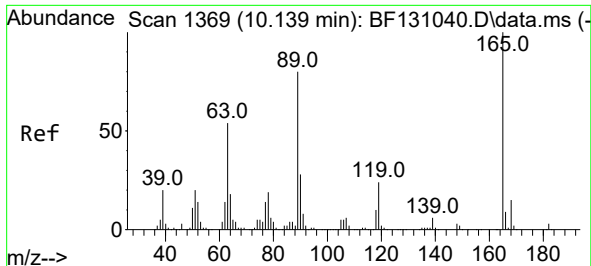
Tgt Ion:168 Resp: 493156
Ion Ratio Lower Upper
168 100
139 41.1 33.0 49.6
169 13.9 11.3 16.9



#56
4-Nitrophenol
Concen: 70.200 ng
RT: 10.069 min Scan# 1357
Delta R.T. 0.006 min
Lab File: BF131062.D
Acq: 08 Nov 2022 12:34

Tgt Ion:139 Resp: 141159
Ion Ratio Lower Upper
139 100
109 83.9 62.3 102.3
65 102.9 92.6 132.6





#57

2,4-Dinitrotoluene

Concen: 35.524 ng

RT: 10.139 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF131062.D

Acq: 08 Nov 2022 12:34

Instrument :

BNA_F

ClientSampleId :

SH-1MS

Tgt Ion:165 Resp: 121825

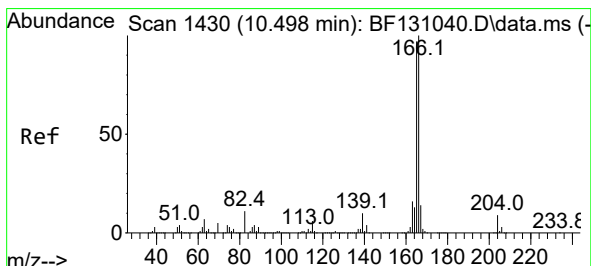
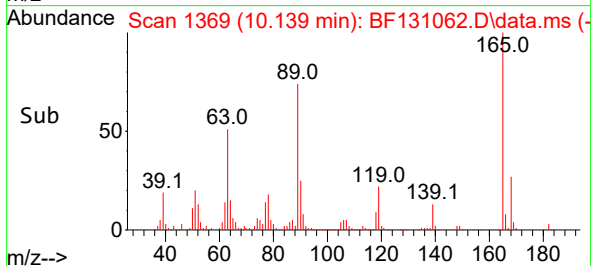
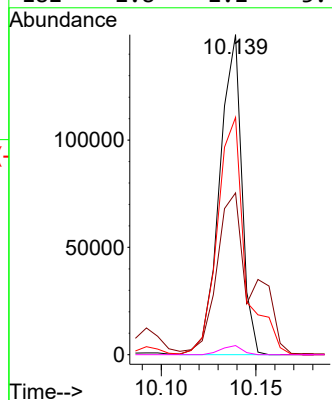
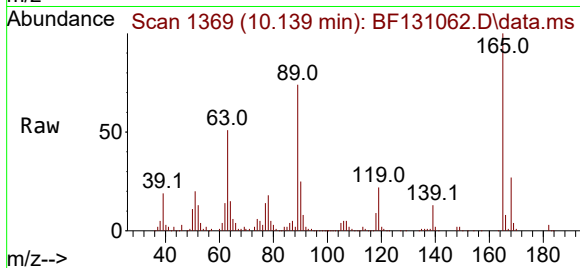
Ion Ratio Lower Upper

165 100

63 50.5 43.4 65.0

89 74.2 64.0 96.0

182 2.8 2.2 3.4



#58

Fluorene

Concen: 34.939 ng

RT: 10.498 min Scan# 1430

Delta R.T. 0.000 min

Lab File: BF131062.D

Acq: 08 Nov 2022 12:34

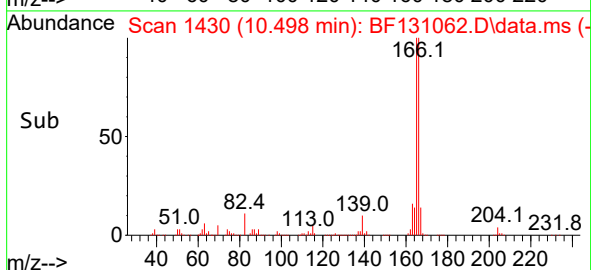
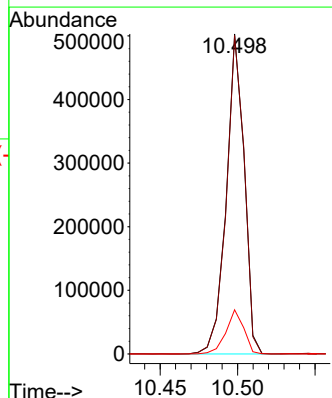
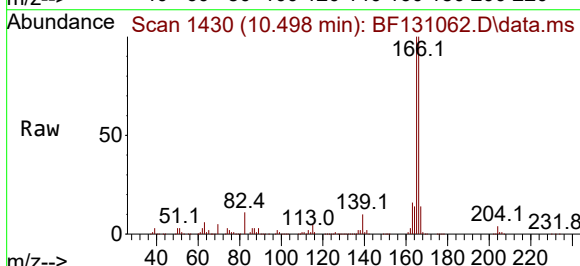
Tgt Ion:166 Resp: 403072

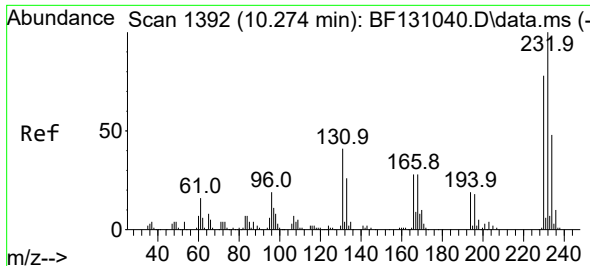
Ion Ratio Lower Upper

166 100

165 99.5 77.2 115.8

167 13.8 10.8 16.2

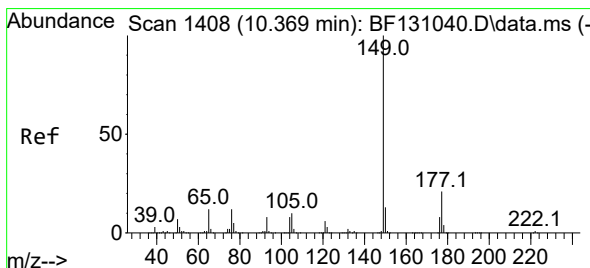
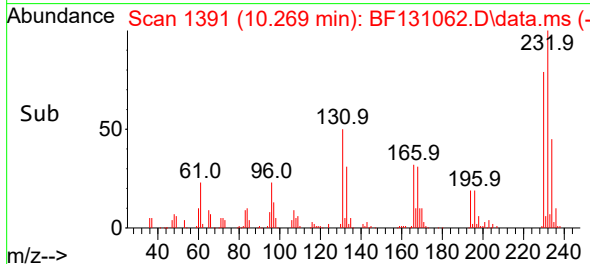
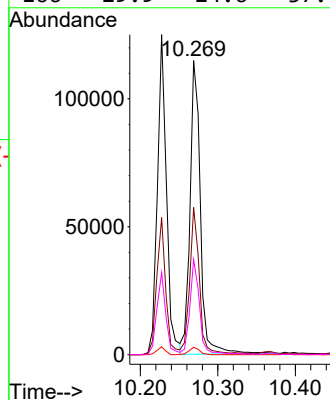
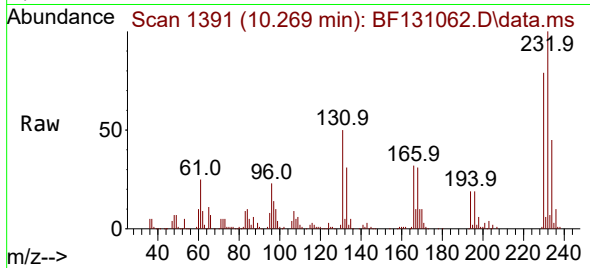




#59
2,3,4,6-Tetrachlorophenol
Concen: 33.848 ng
RT: 10.269 min Scan# 1391
Delta R.T. -0.006 min
Lab File: BF131062.D
Acq: 08 Nov 2022 12:34

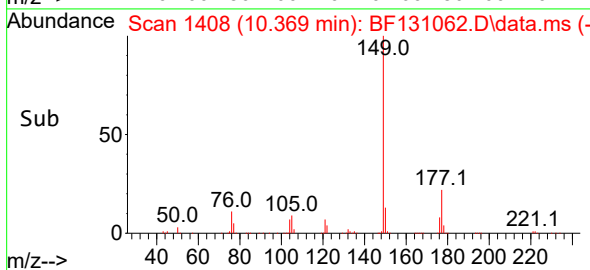
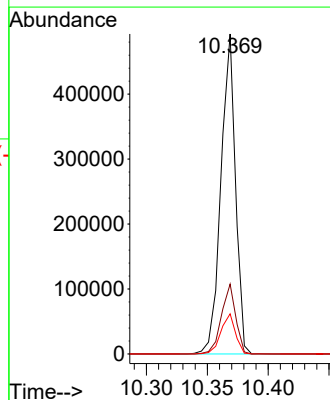
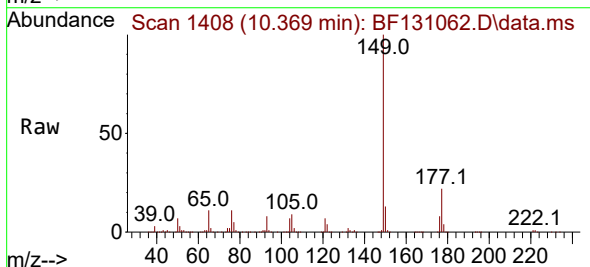
Instrument :
BNA_F
ClientSampleId :
SH-1MS

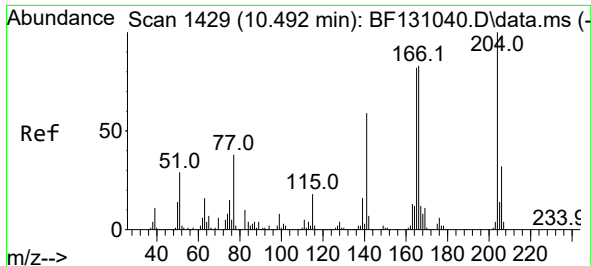
Tgt Ion:232 Resp: 106724
Ion Ratio Lower Upper
232 100
131 46.0 37.8 56.6
130 2.5 2.2 3.2
166 29.9 24.6 37.0



#60
Diethylphthalate
Concen: 31.722 ng
RT: 10.369 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF131062.D
Acq: 08 Nov 2022 12:34

Tgt Ion:149 Resp: 410211
Ion Ratio Lower Upper
149 100
177 21.9 16.6 25.0
150 12.6 10.2 15.2

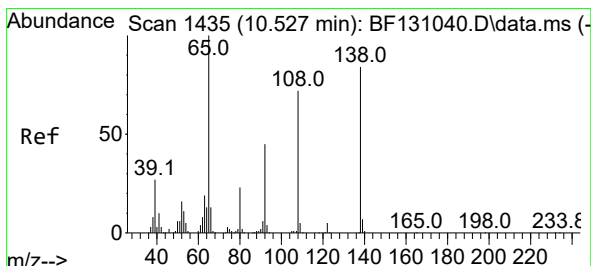
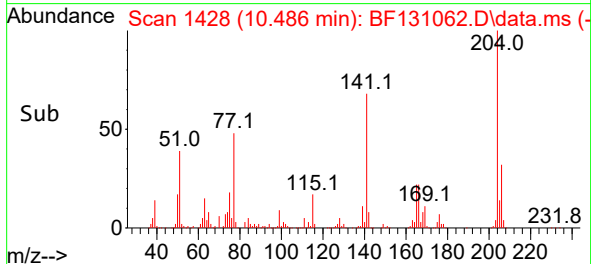
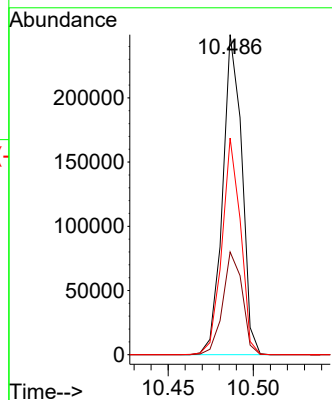
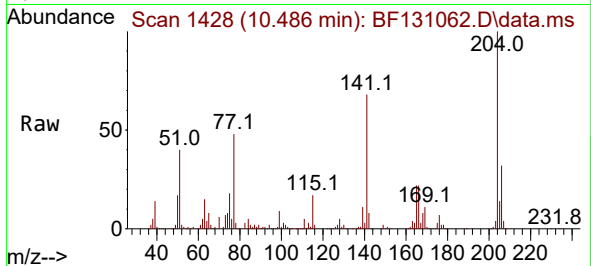




#61
4-Chlorophenyl-phenylether
Concen: 34.162 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF131062.D
Acq: 08 Nov 2022 12:34

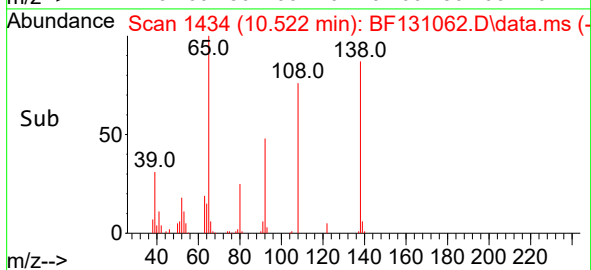
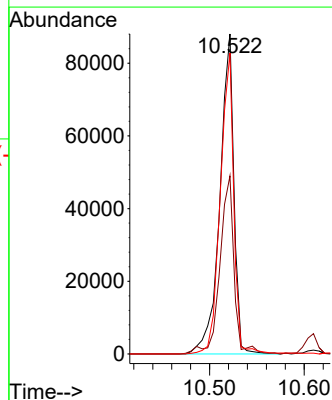
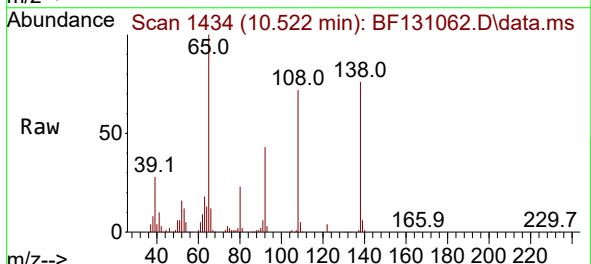
Instrument :
BNA_F
ClientSampleId :
SH-1MS

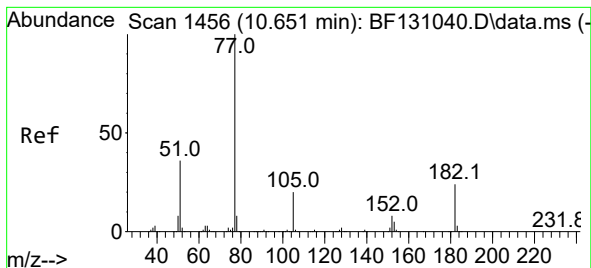
Tgt Ion:204 Resp: 195204
Ion Ratio Lower Upper
204 100
206 32.1 25.8 38.6
141 67.7 47.1 70.7



#62
4-Nitroaniline
Concen: 31.188 ng
RT: 10.522 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF131062.D
Acq: 08 Nov 2022 12:34

Tgt Ion:138 Resp: 91080
Ion Ratio Lower Upper
138 100
92 55.7 33.5 73.5
108 94.0 66.0 106.0





#63

Azobenzene

Concen: 38.405 ng

RT: 10.651 min Scan# 1456

Delta R.T. 0.000 min

Lab File: BF131062.D

Acq: 08 Nov 2022 12:34

Instrument :

BNA_F

ClientSampleId :

SH-1MS

Tgt Ion: 77 Resp: 482725

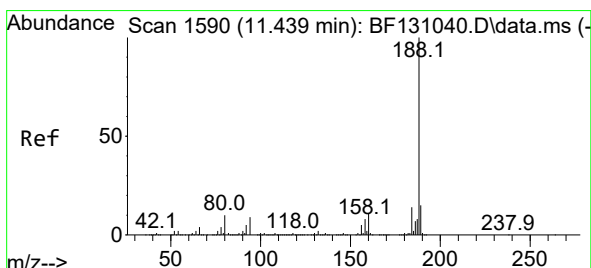
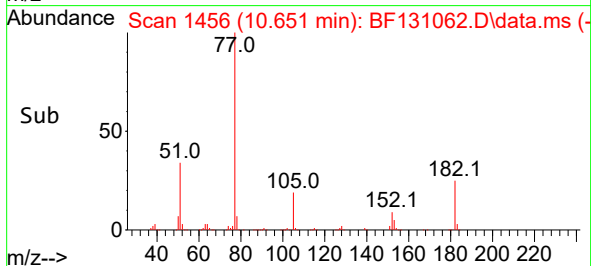
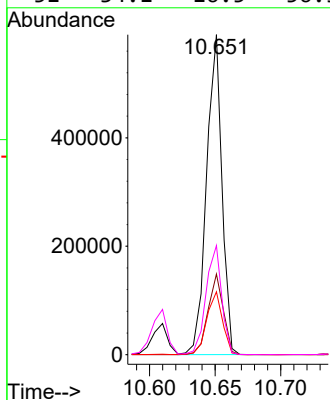
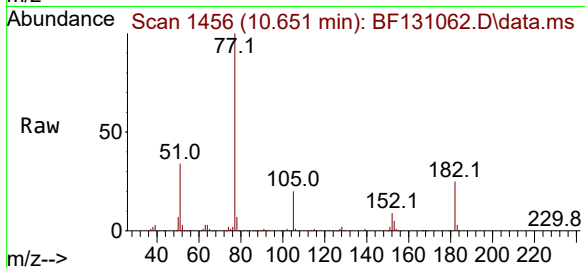
Ion Ratio Lower Upper

77 100

182 25.2 3.9 43.9

105 19.7 0.0 39.9

51 34.1 16.5 56.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.439 min Scan# 1590

Delta R.T. 0.000 min

Lab File: BF131062.D

Acq: 08 Nov 2022 12:34

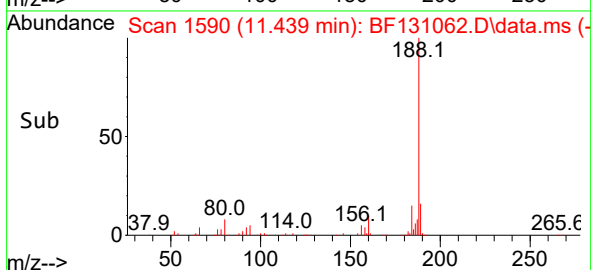
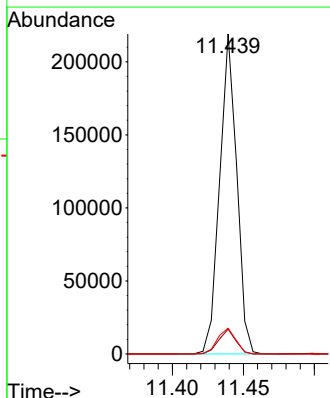
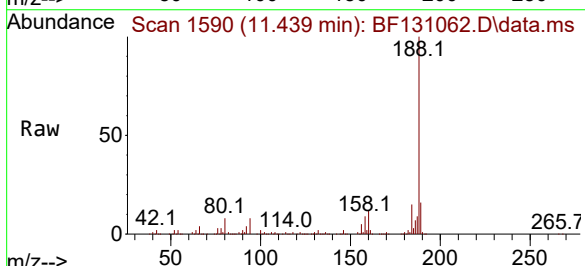
Tgt Ion:188 Resp: 183107

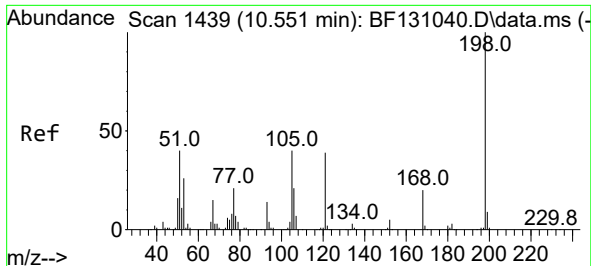
Ion Ratio Lower Upper

188 100

94 7.7 7.0 10.6

80 8.1 8.1 12.1#

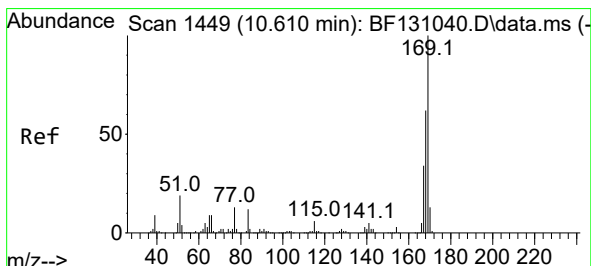
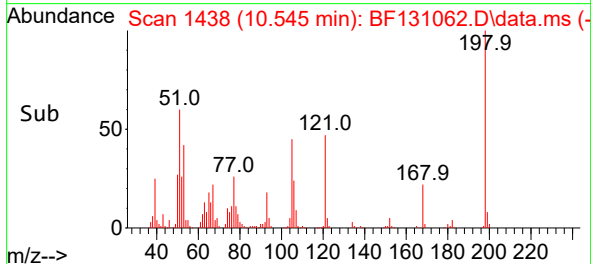
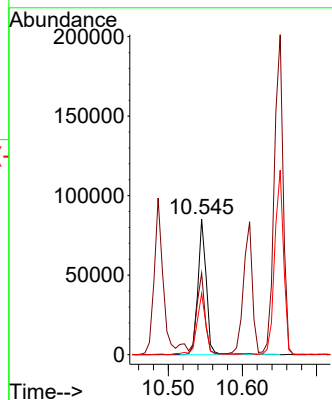
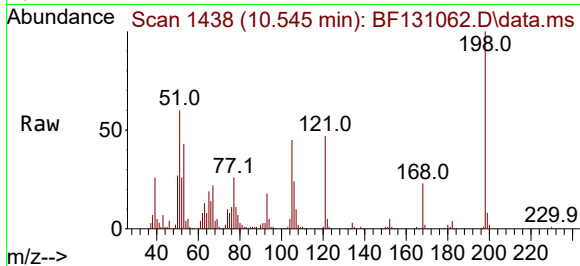




#65
4,6-Dinitro-2-methylphenol
Concen: 57.806 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.006 min
Lab File: BF131062.D
Acq: 08 Nov 2022 12:34

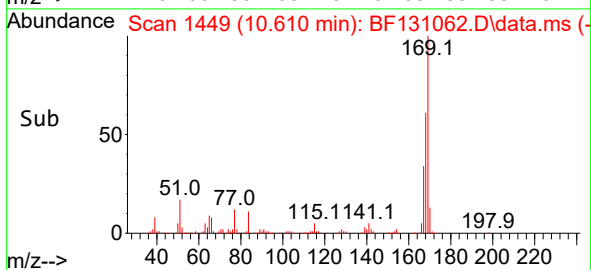
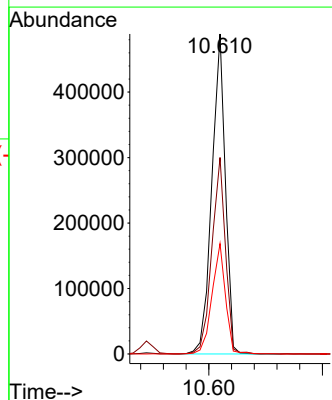
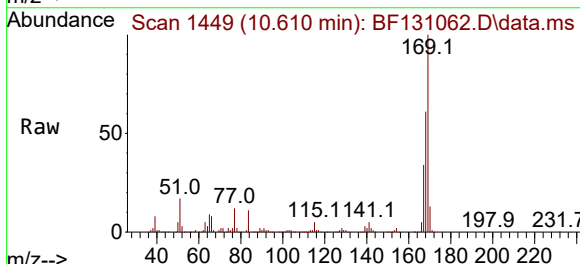
Instrument :
BNA_F
ClientSampleId :
SH-1MS

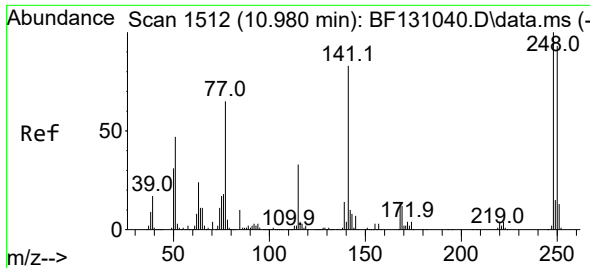
Tgt Ion:198 Resp: 67165
Ion Ratio Lower Upper
198 100
51 60.2 24.0 64.0
105 45.1 20.3 60.3



#66
n-Nitrosodiphenylamine
Concen: 62.162 ng
RT: 10.610 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BF131062.D
Acq: 08 Nov 2022 12:34

Tgt Ion:169 Resp: 402203
Ion Ratio Lower Upper
169 100
168 61.4 49.4 74.2
167 34.5 27.2 40.8

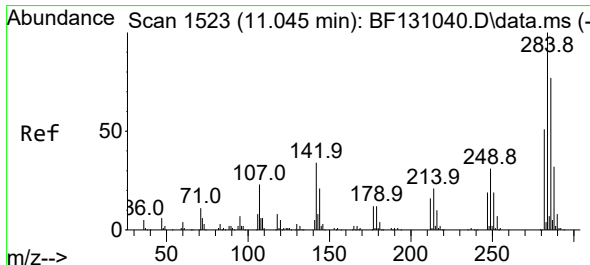
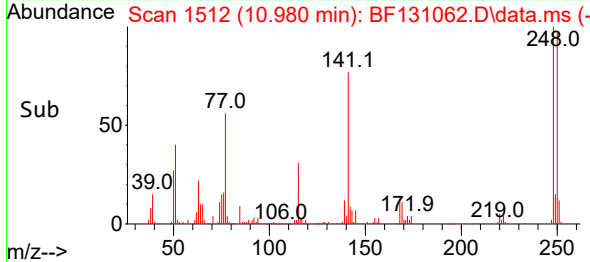
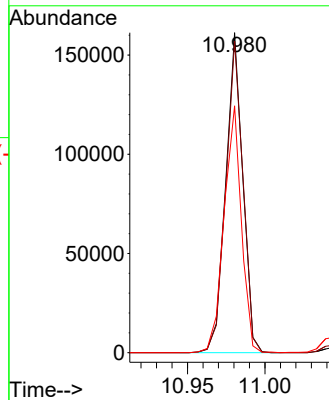
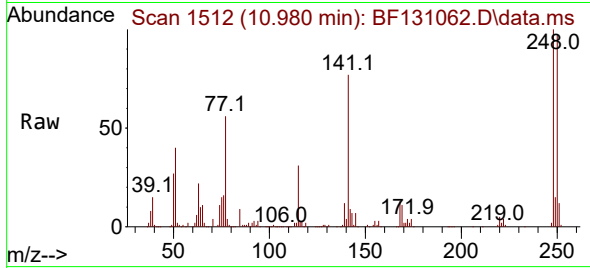




#67
4-Bromophenyl-phenylether
Concen: 53.758 ng
RT: 10.980 min Scan# 1512
Delta R.T. 0.000 min
Lab File: BF131062.D
Acq: 08 Nov 2022 12:34

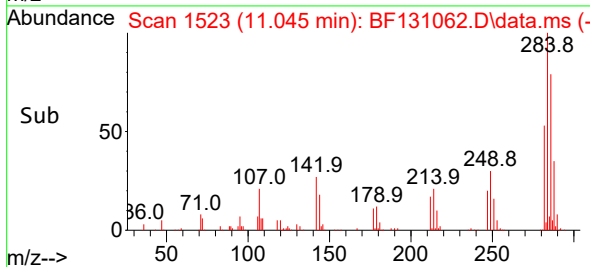
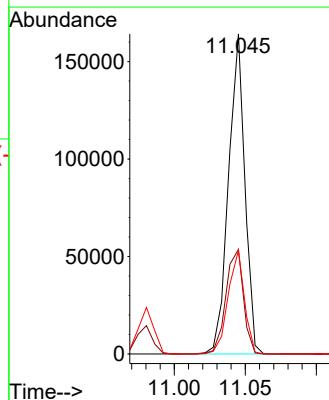
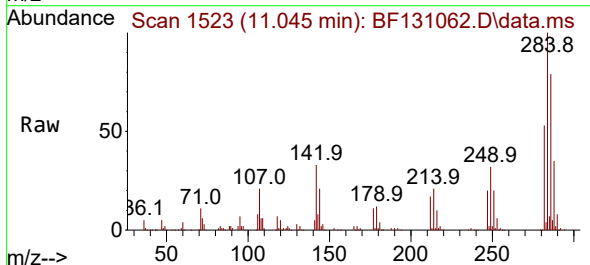
Instrument :
BNA_F
ClientSampleId :
SH-1MS

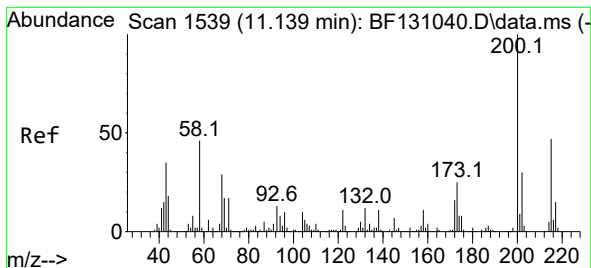
Tgt Ion:248 Resp: 123679
Ion Ratio Lower Upper
248 100
250 97.4 74.6 112.0
141 77.1 66.2 99.2



#68
Hexachlorobenzene
Concen: 52.558 ng
RT: 11.045 min Scan# 1523
Delta R.T. 0.000 min
Lab File: BF131062.D
Acq: 08 Nov 2022 12:34

Tgt Ion:284 Resp: 131159
Ion Ratio Lower Upper
284 100
142 32.6 27.4 41.2
249 32.4 25.1 37.7





#69

Atrazine

Concen: 47.889 ng

RT: 11.139 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF131062.D

Acq: 08 Nov 2022 12:34

Instrument :

BNA_F

ClientSampleId :

SH-1MS

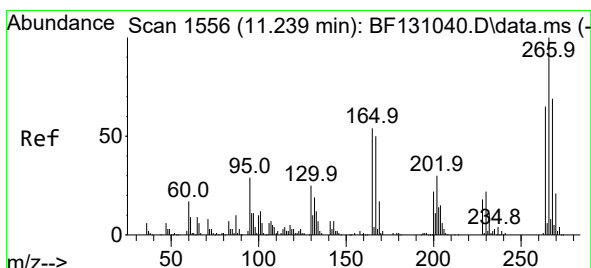
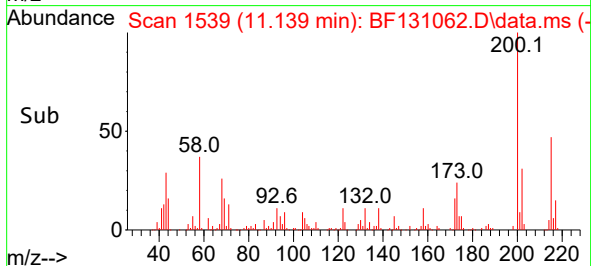
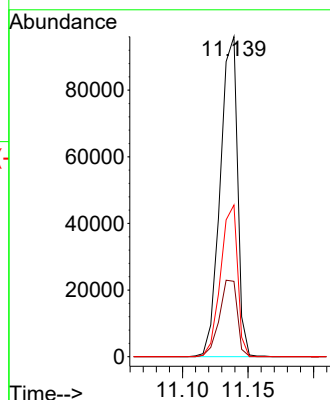
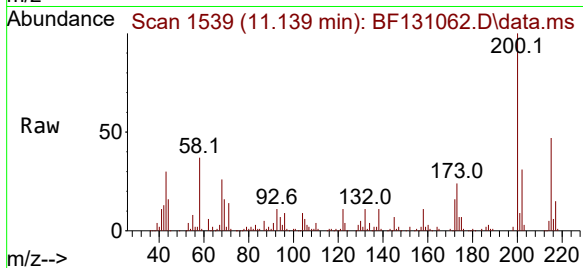
Tgt Ion:200 Resp: 88141

Ion Ratio Lower Upper

200 100

173 23.6 5.1 45.1

215 47.4 27.5 67.5



#70

Pentachlorophenol

Concen: 82.692 ng

RT: 11.245 min Scan# 1557

Delta R.T. 0.006 min

Lab File: BF131062.D

Acq: 08 Nov 2022 12:34

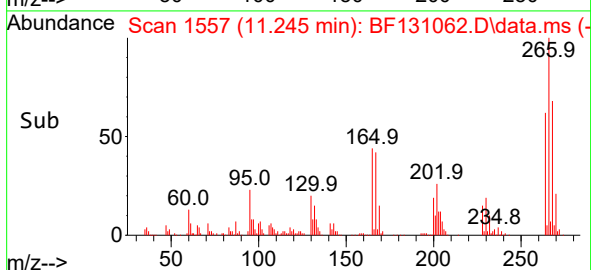
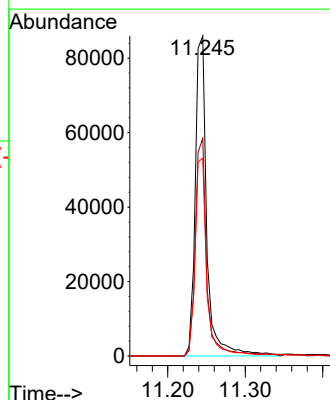
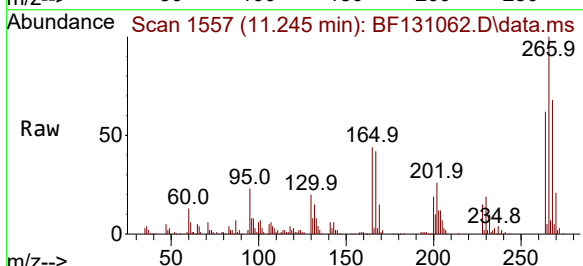
Tgt Ion:266 Resp: 89534

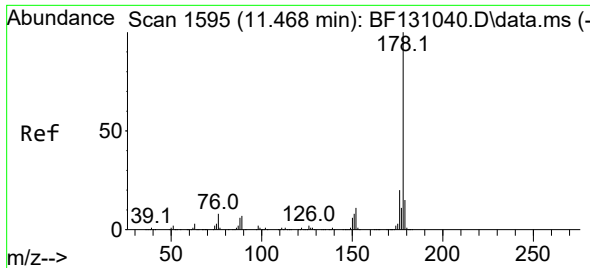
Ion Ratio Lower Upper

266 100

268 67.9 54.8 82.2

264 61.8 52.3 78.5

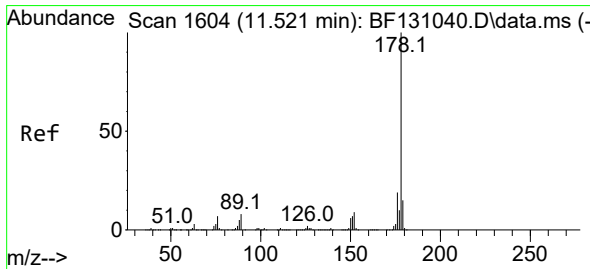
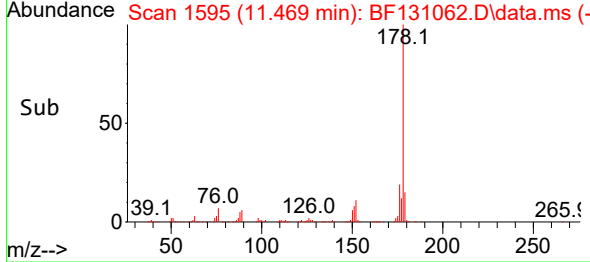
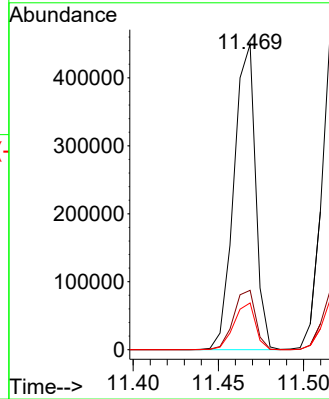
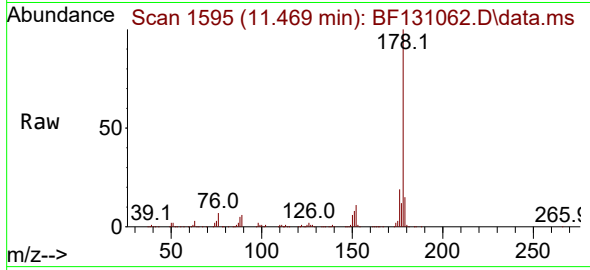




#71
Phenanthrene
Concen: 38.514 ng
RT: 11.469 min Scan# 11
Delta R.T. 0.001 min
Lab File: BF131062.D
Acq: 08 Nov 2022 12:34

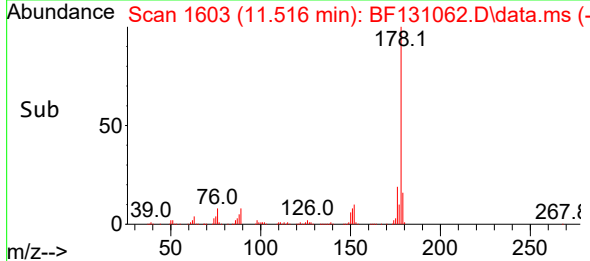
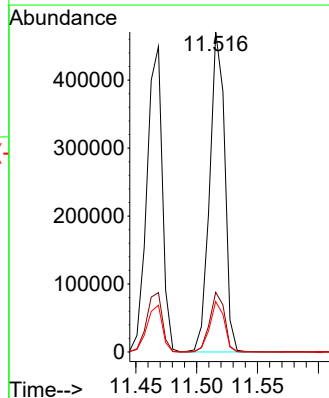
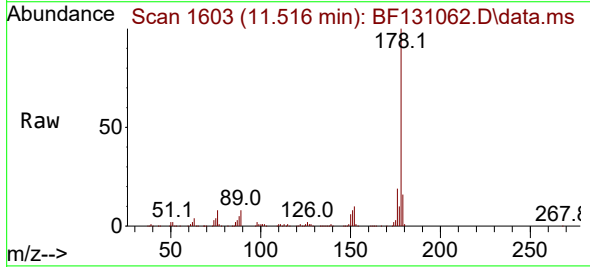
Instrument :
BNA_F
ClientSampleId :
SH-1MS

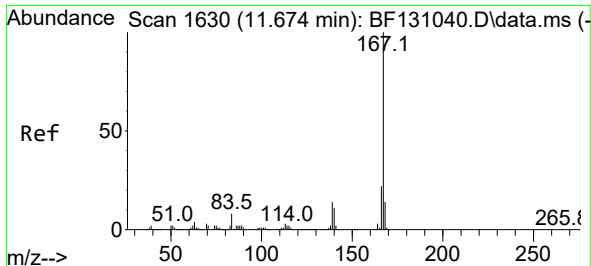
Tgt Ion:178 Resp: 397224
Ion Ratio Lower Upper
178 100
176 19.4 15.9 23.9
179 15.3 12.3 18.5



#72
Anthracene
Concen: 40.137 ng
RT: 11.516 min Scan# 1603
Delta R.T. -0.006 min
Lab File: BF131062.D
Acq: 08 Nov 2022 12:34

Tgt Ion:178 Resp: 406326
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.4
179 15.8 12.4 18.6

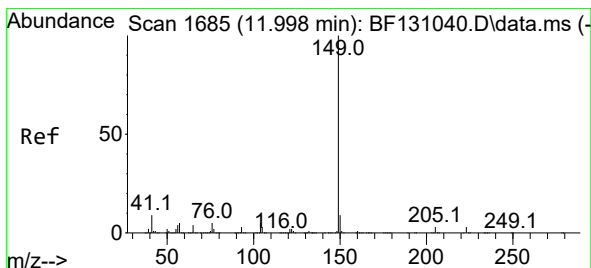
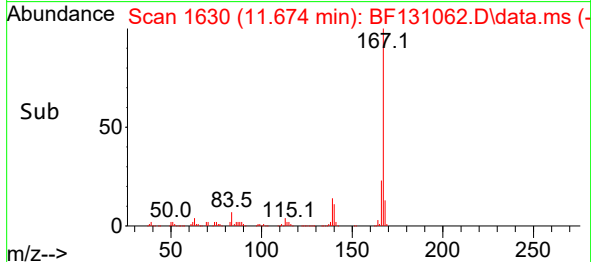
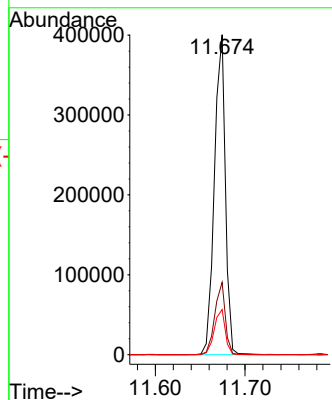
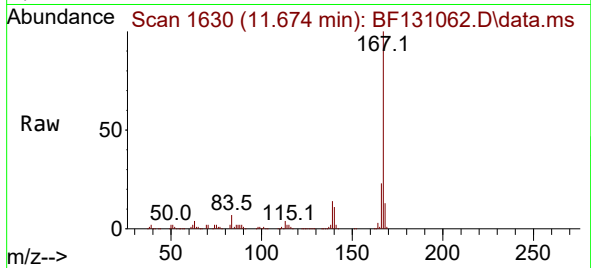




#73
 Carbazole
 Concen: 39.289 ng
 RT: 11.674 min Scan# 1630
 Delta R.T. 0.000 min
 Lab File: BF131062.D
 Acq: 08 Nov 2022 12:34

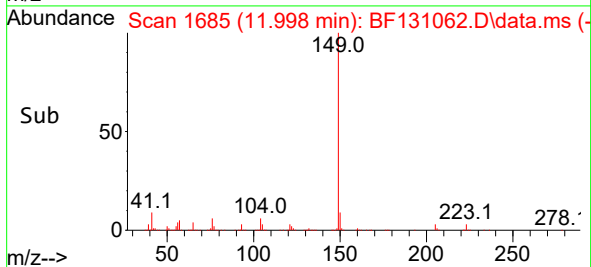
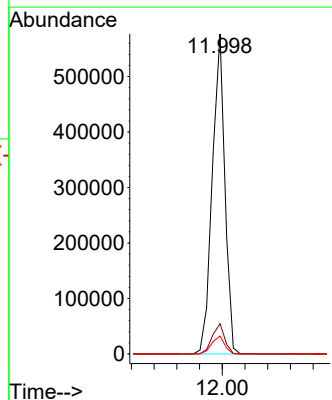
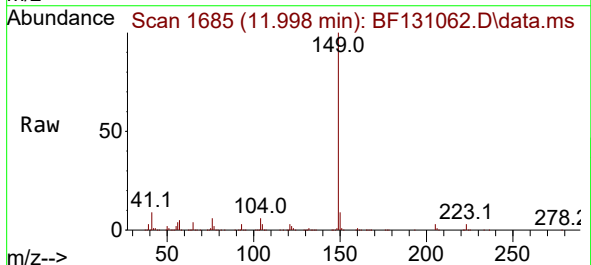
Instrument :
 BNA_F
 ClientSampleId :
 SH-1MS

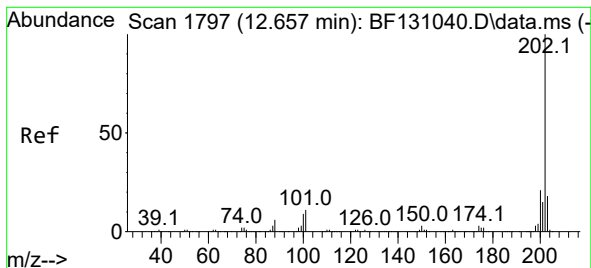
Tgt Ion:167 Resp: 340303
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.4 26.2
 139 14.1 11.0 16.4



#74
 Di-n-butylphthalate
 Concen: 38.192 ng
 RT: 11.998 min Scan# 1685
 Delta R.T. -0.000 min
 Lab File: BF131062.D
 Acq: 08 Nov 2022 12:34

Tgt Ion:149 Resp: 443081
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.5 11.3
 104 5.6 4.3 6.5





#75

Fluoranthene

Concen: 51.877 ng

RT: 12.657 min Scan# 1797

Delta R.T. -0.000 min

Lab File: BF131062.D

Acq: 08 Nov 2022 12:34

Instrument :

BNA_F

ClientSampleId :

SH-1MS

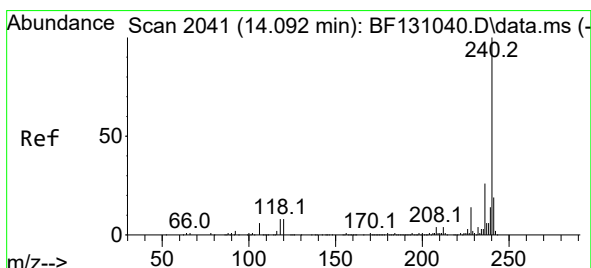
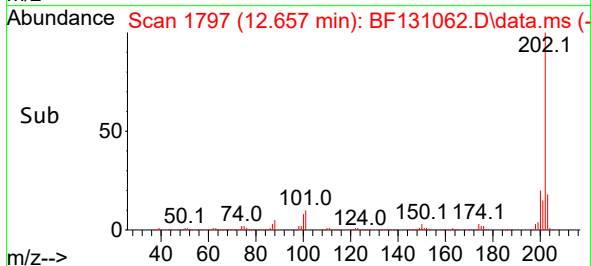
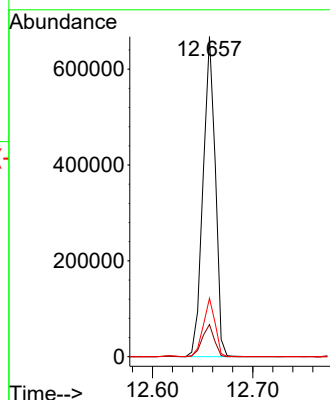
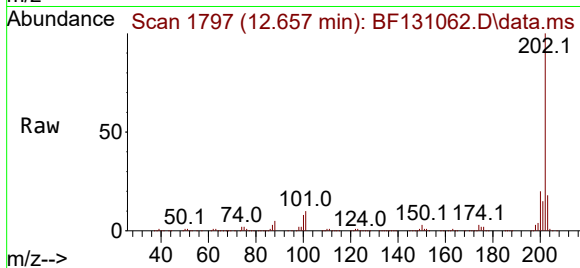
Tgt Ion:202 Resp: 567933

Ion Ratio Lower Upper

202 100

101 10.0 0.0 30.9

203 18.3 0.0 37.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.092 min Scan# 2041

Delta R.T. 0.000 min

Lab File: BF131062.D

Acq: 08 Nov 2022 12:34

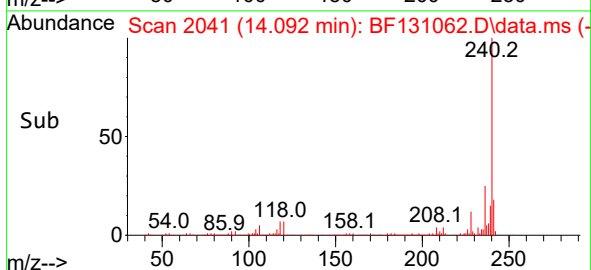
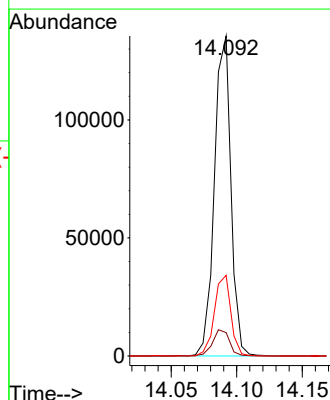
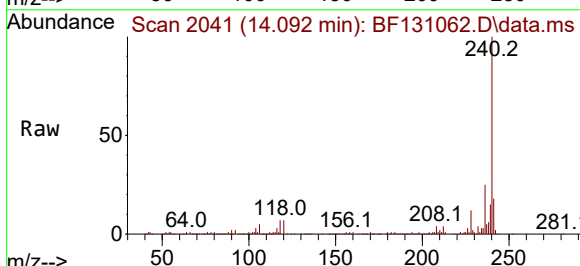
Tgt Ion:240 Resp: 118675

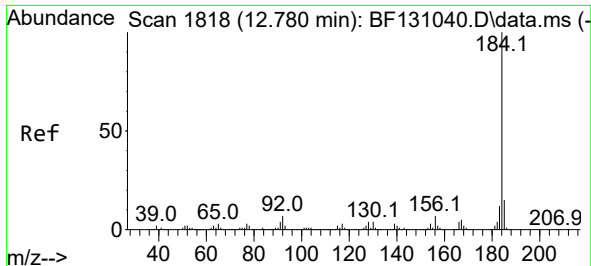
Ion Ratio Lower Upper

240 100

120 7.3 6.7 10.1

236 25.2 20.8 31.2

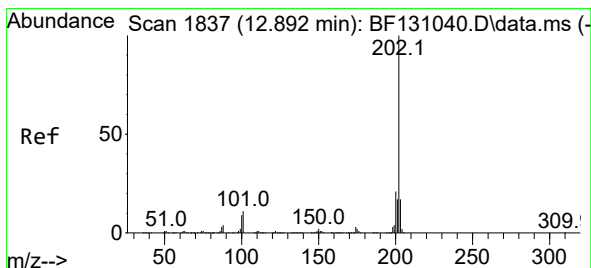
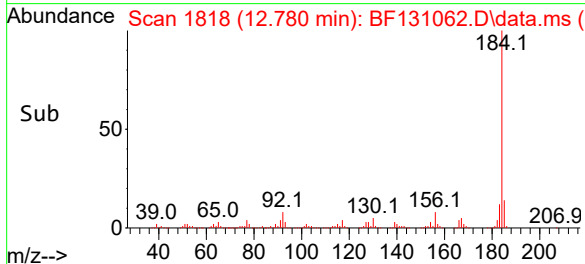
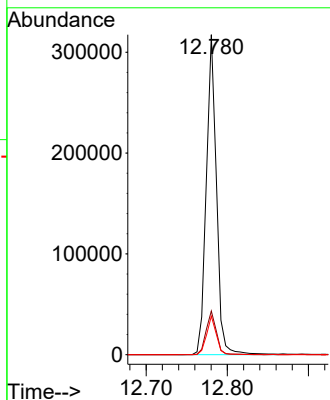
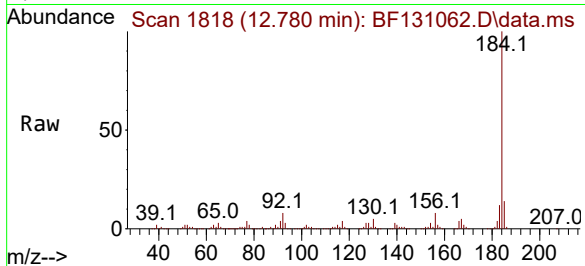




#77
Benzidine
Concen: 85.965 ng
RT: 12.780 min Scan# 1818
Delta R.T. 0.000 min
Lab File: BF131062.D
Acq: 08 Nov 2022 12:34

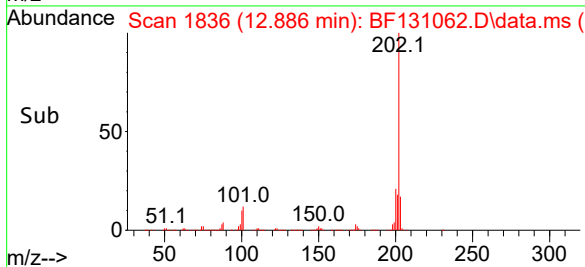
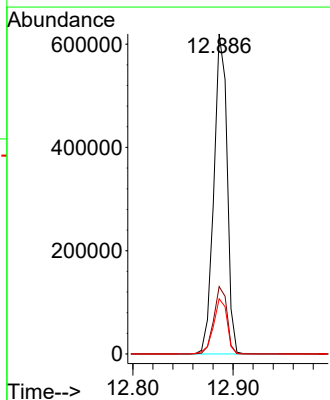
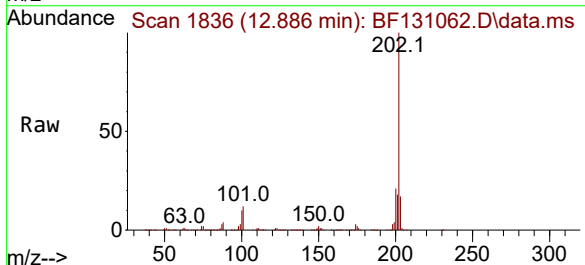
Instrument :
BNA_F
ClientSampleId :
SH-1MS

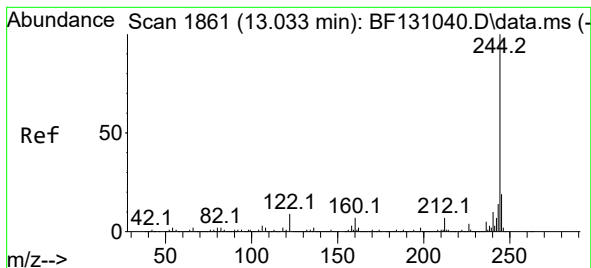
Tgt Ion:184 Resp: 275185
Ion Ratio Lower Upper
184 100
185 13.6 11.7 17.5
183 12.1 10.0 15.0



#78
Pyrene
Concen: 52.551 ng
RT: 12.886 min Scan# 1836
Delta R.T. -0.006 min
Lab File: BF131062.D
Acq: 08 Nov 2022 12:34

Tgt Ion:202 Resp: 567982
Ion Ratio Lower Upper
202 100
200 21.0 17.0 25.4
203 17.3 13.8 20.8





#79

Terphenyl-d14

Concen: 89.320 ng

RT: 13.027 min Scan# 1860

Delta R.T. -0.006 min

Lab File: BF131062.D

Acq: 08 Nov 2022 12:34

Instrument :

BNA_F

ClientSampleId :

SH-1MS

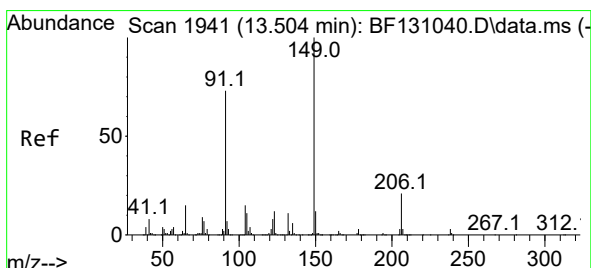
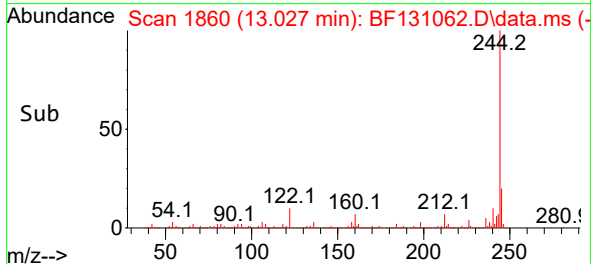
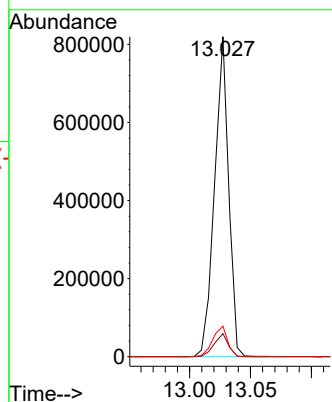
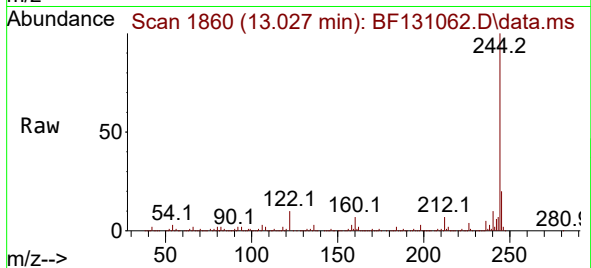
Tgt Ion:244 Resp: 661160

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

122 9.5 7.0 10.4



#80

Butylbenzylphthalate

Concen: 52.413 ng

RT: 13.504 min Scan# 1941

Delta R.T. 0.000 min

Lab File: BF131062.D

Acq: 08 Nov 2022 12:34

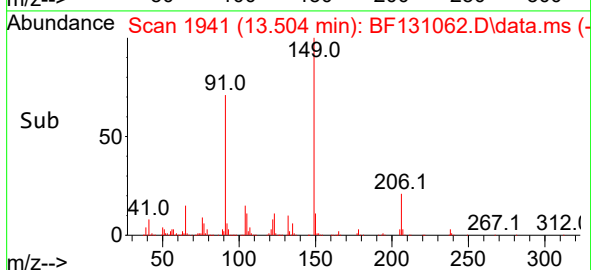
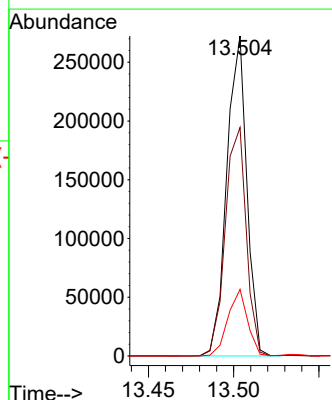
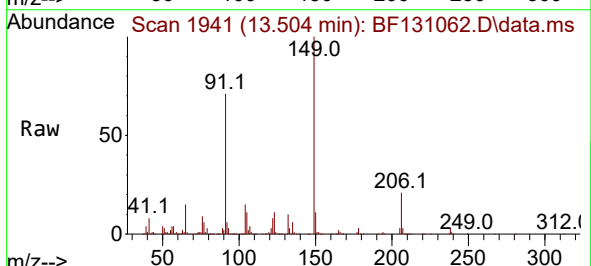
Tgt Ion:149 Resp: 223175

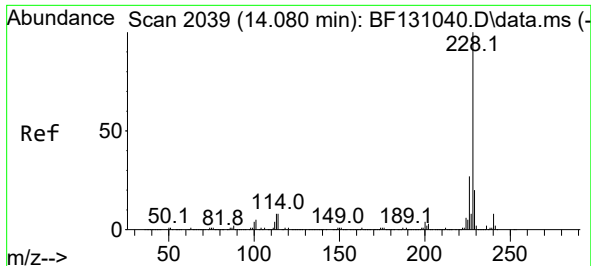
Ion Ratio Lower Upper

149 100

91 71.4 58.3 87.5

206 20.8 16.5 24.7

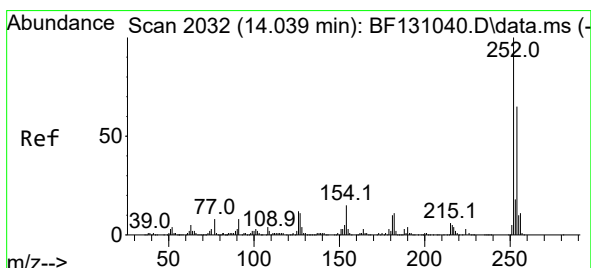
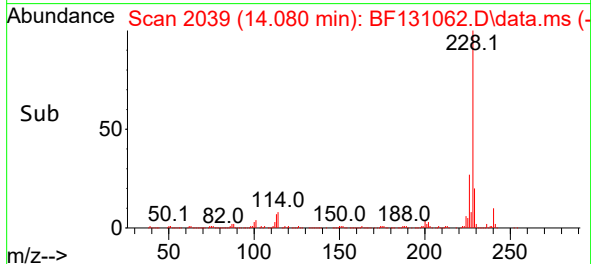
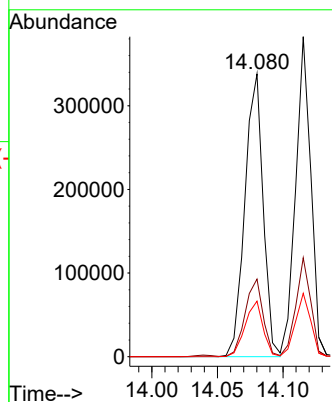
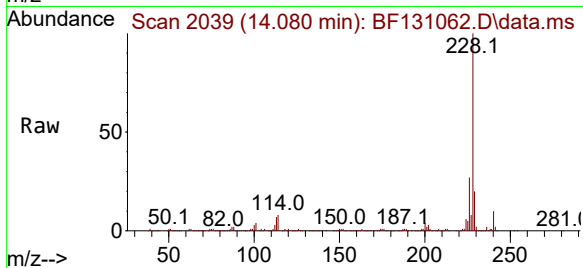




#81
Benzo(a)anthracene
Concen: 38.088 ng
RT: 14.080 min Scan# 2039
Delta R.T. 0.000 min
Lab File: BF131062.D
Acq: 08 Nov 2022 12:34

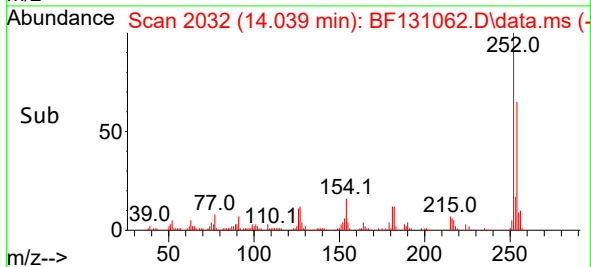
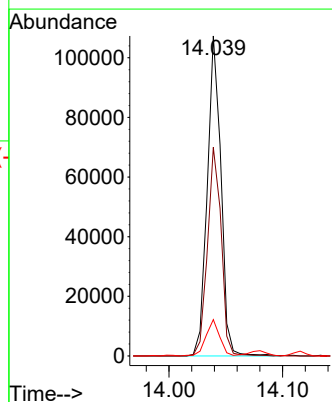
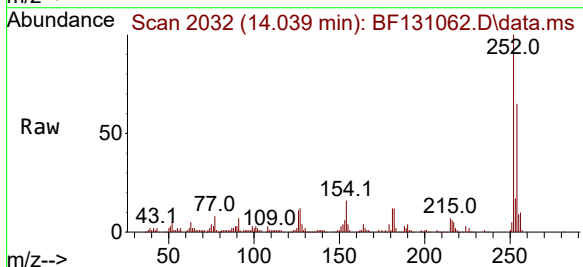
Instrument :
BNA_F
ClientSampleId :
SH-1MS

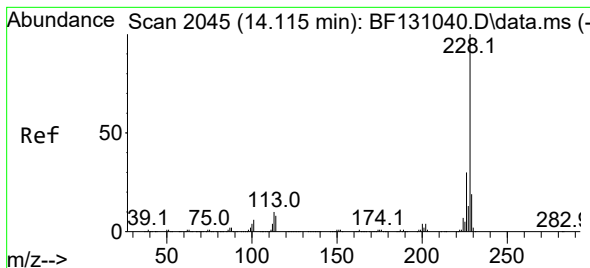
Tgt Ion:228 Resp: 328199
Ion Ratio Lower Upper
228 100
226 27.5 21.8 32.8
229 19.6 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 38.172 ng
RT: 14.039 min Scan# 2032
Delta R.T. 0.000 min
Lab File: BF131062.D
Acq: 08 Nov 2022 12:34

Tgt Ion:252 Resp: 89382
Ion Ratio Lower Upper
252 100
254 65.2 51.7 77.5
126 11.3 9.2 13.8





#83

Chrysene

Concen: 37.735 ng

RT: 14.115 min Scan# 2045

Delta R.T. 0.000 min

Lab File: BF131062.D

Acq: 08 Nov 2022 12:34

Instrument :

BNA_F

ClientSampleId :

SH-1MS

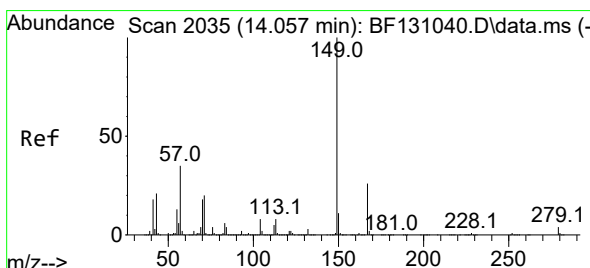
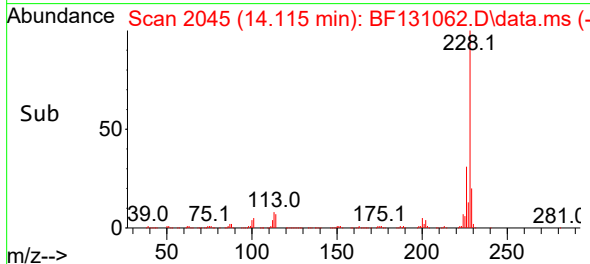
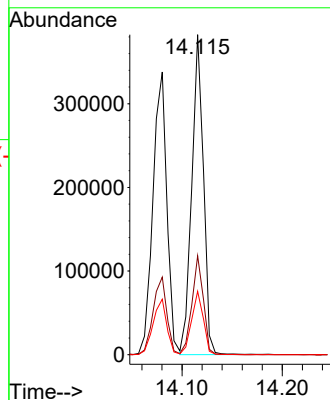
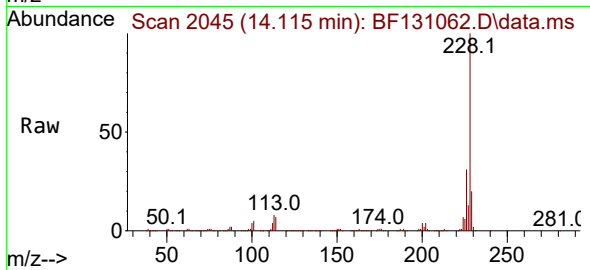
Tgt Ion:228 Resp: 308791

Ion Ratio Lower Upper

228 100

226 30.9 23.7 35.5

229 19.8 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.032 ng

RT: 14.057 min Scan# 2035

Delta R.T. -0.000 min

Lab File: BF131062.D

Acq: 08 Nov 2022 12:34

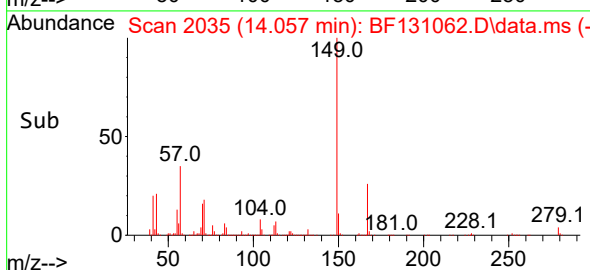
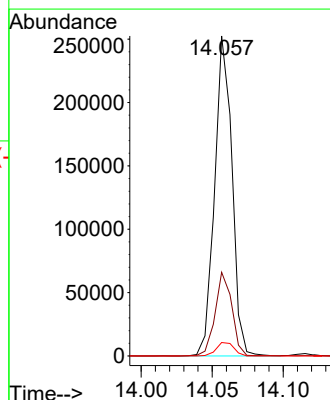
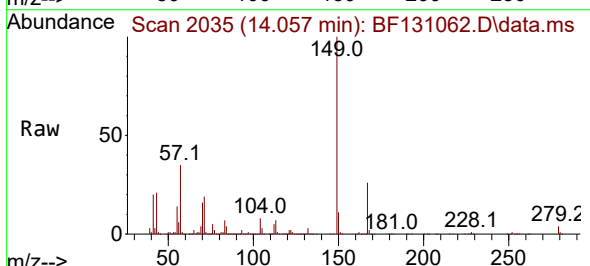
Tgt Ion:149 Resp: 214796

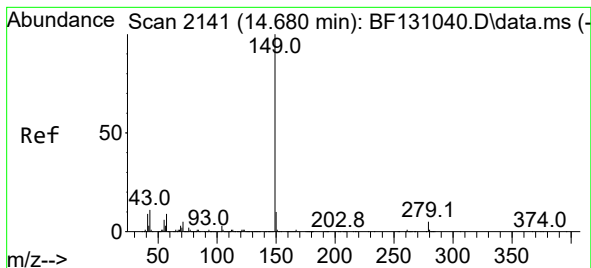
Ion Ratio Lower Upper

149 100

167 26.2 20.8 31.2

279 4.2 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 48.684 ng

RT: 14.674 min Scan# 2140

Delta R.T. -0.006 min

Lab File: BF131062.D

Acq: 08 Nov 2022 12:34

Instrument :

BNA_F

ClientSampleId :

SH-1MS

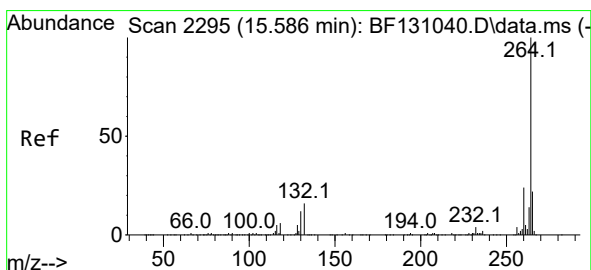
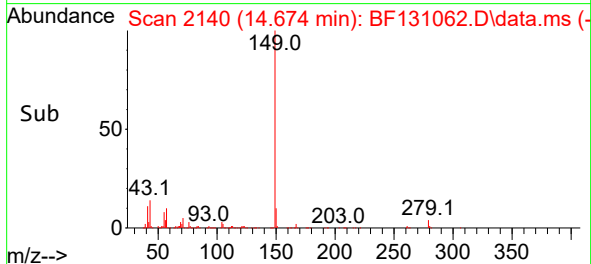
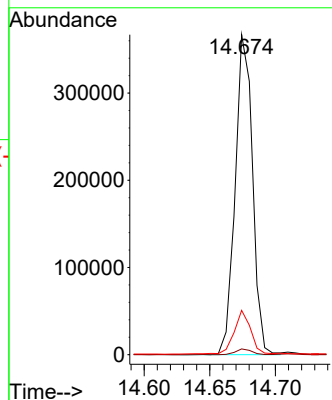
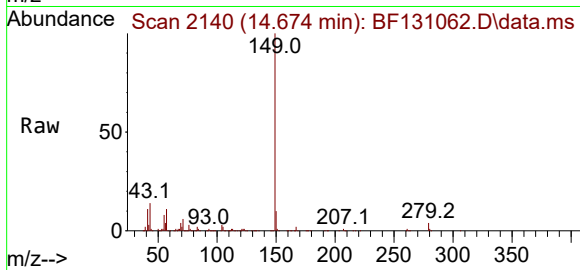
Tgt Ion:149 Resp: 338428

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 13.4 9.5 14.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.586 min Scan# 2295

Delta R.T. 0.000 min

Lab File: BF131062.D

Acq: 08 Nov 2022 12:34

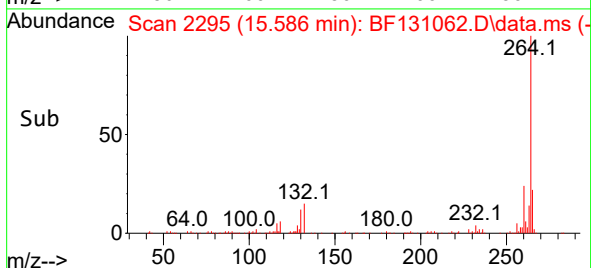
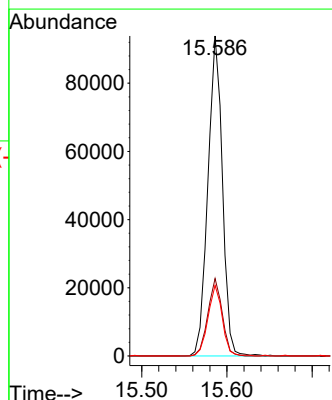
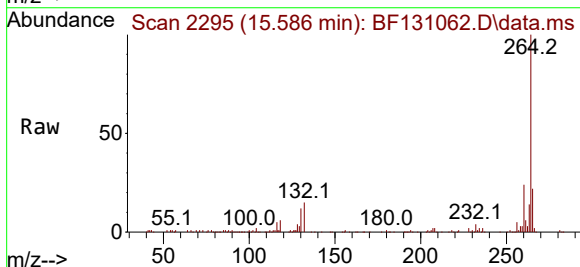
Tgt Ion:264 Resp: 110708

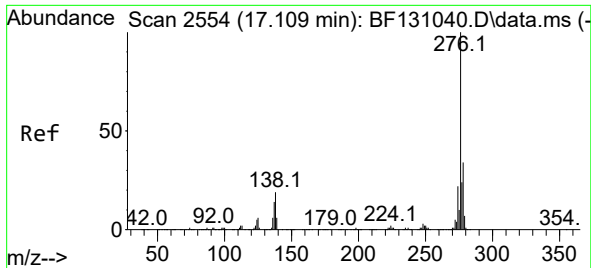
Ion Ratio Lower Upper

264 100

260 24.2 18.8 28.2

265 22.1 17.3 25.9

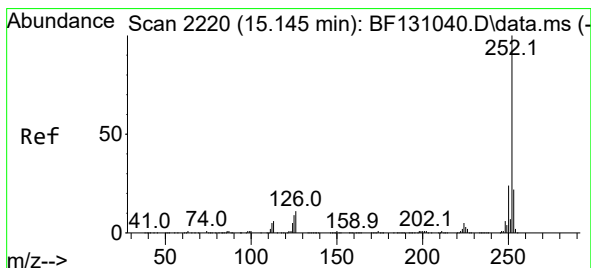
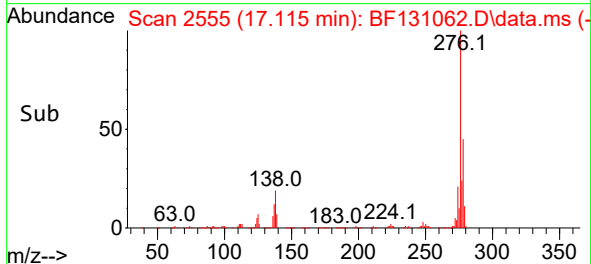
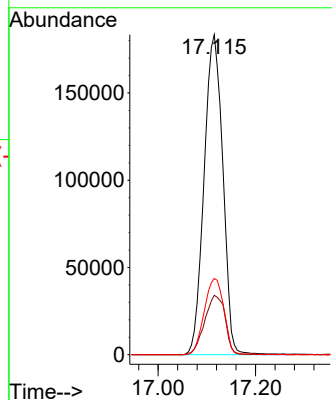
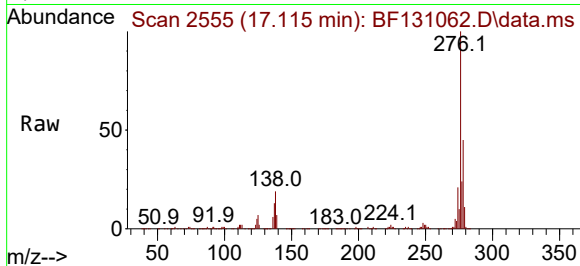




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 52.404 ng
 RT: 17.115 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF131062.D
 Acq: 08 Nov 2022 12:34

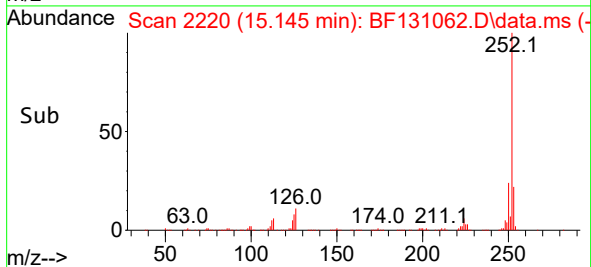
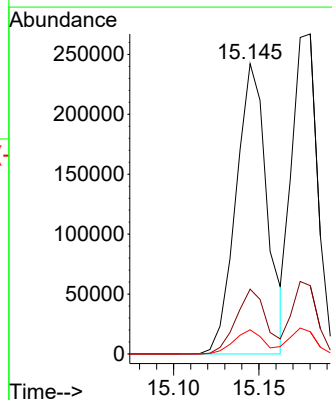
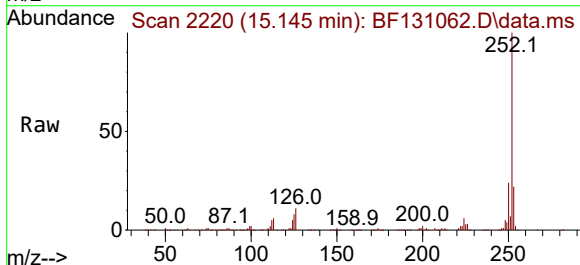
Instrument :
 BNA_F
 ClientSampleId :
 SH-1MS

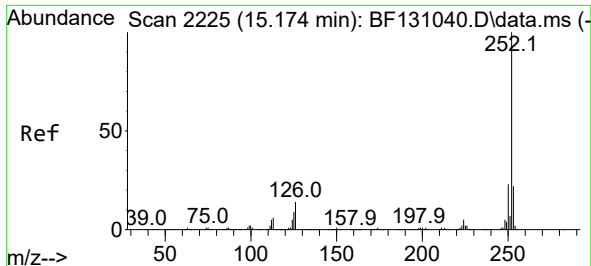
Tgt Ion:276 Resp: 489306
 Ion Ratio Lower Upper
 276 100
 138 20.2 17.3 25.9
 277 25.0 20.2 30.4



#88
 Benzo(b)fluoranthene
 Concen: 38.272 ng
 RT: 15.145 min Scan# 2220
 Delta R.T. 0.000 min
 Lab File: BF131062.D
 Acq: 08 Nov 2022 12:34

Tgt Ion:252 Resp: 307904
 Ion Ratio Lower Upper
 252 100
 253 22.4 17.9 26.9
 125 8.4 7.1 10.7

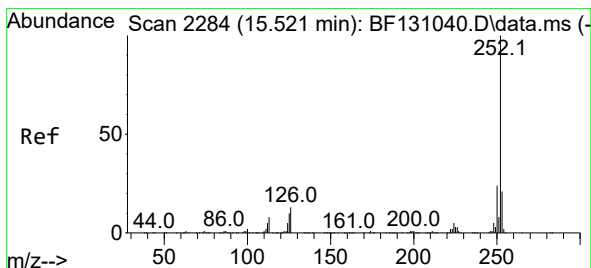
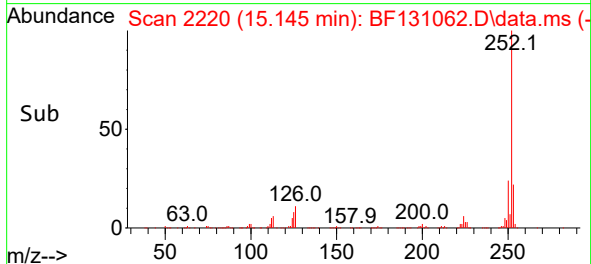
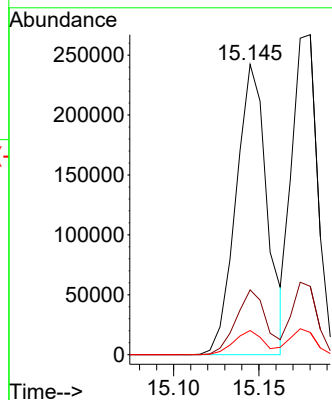
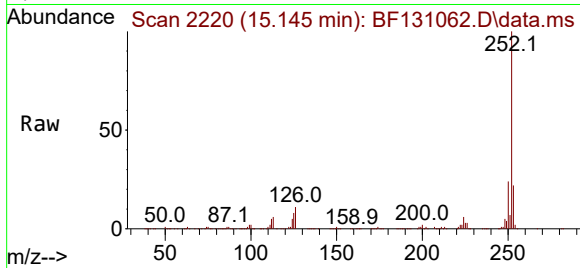




#89
Benzo(k)fluoranthene
Concen: 39.282 ng
RT: 15.145 min Scan# 211
Delta R.T. -0.029 min
Lab File: BF131062.D
Acq: 08 Nov 2022 12:34

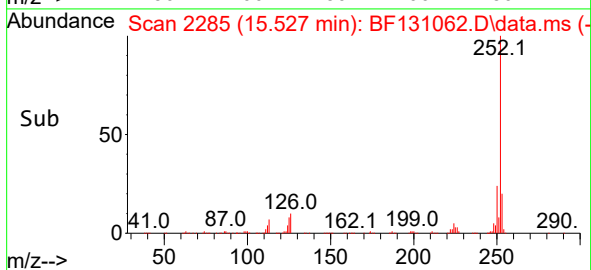
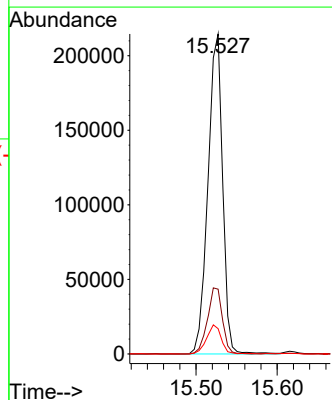
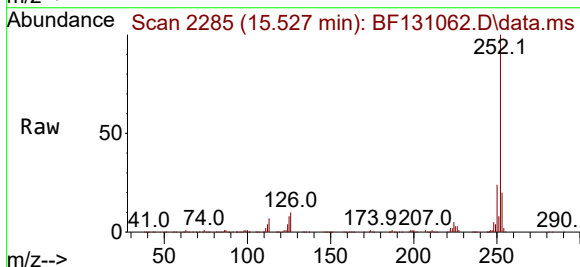
Instrument :
BNA_F
ClientSampleId :
SH-1MS

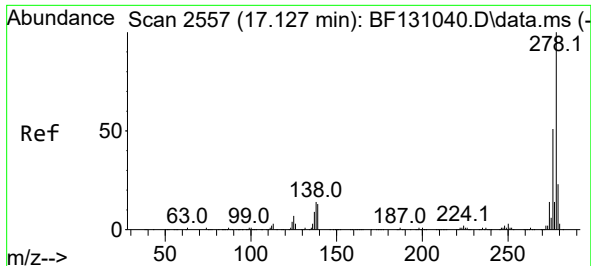
Tgt Ion:252 Resp: 307904
Ion Ratio Lower Upper
252 100
253 22.4 17.1 25.7
125 8.4 7.2 10.8



#90
Benzo(a)pyrene
Concen: 42.006 ng
RT: 15.527 min Scan# 2285
Delta R.T. 0.006 min
Lab File: BF131062.D
Acq: 08 Nov 2022 12:34

Tgt Ion:252 Resp: 268679
Ion Ratio Lower Upper
252 100
253 20.3 16.9 25.3
125 7.9 7.9 11.9#

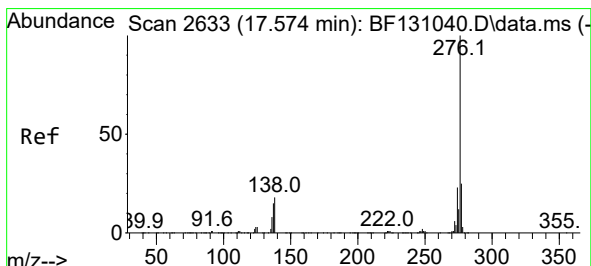
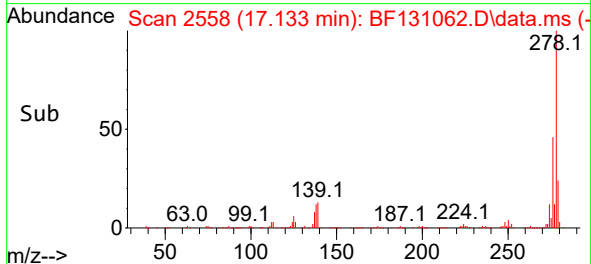
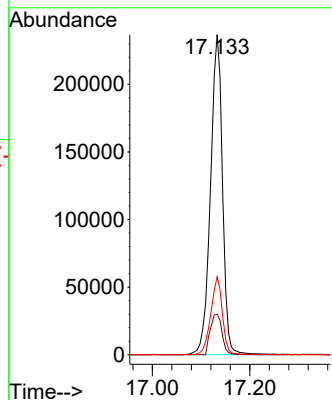
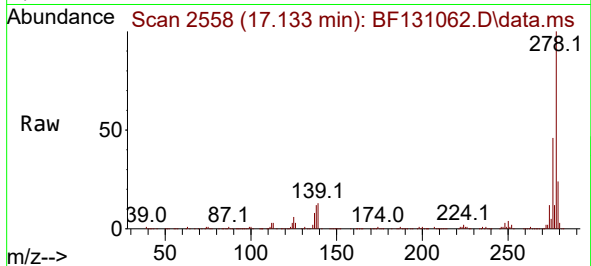




#91
 Dibenzo(a,h)anthracene
 Concen: 52.688 ng
 RT: 17.133 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF131062.D
 Acq: 08 Nov 2022 12:34

Instrument :
 BNA_F
 ClientSampleId :
 SH-1MS

Tgt Ion:278 Resp: 403711
 Ion Ratio Lower Upper
 278 100
 139 12.6 10.8 16.2
 279 24.4 18.7 28.1



#92
 Benzo(g,h,i)perylene
 Concen: 53.610 ng
 RT: 17.580 min Scan# 2634
 Delta R.T. 0.006 min
 Lab File: BF131062.D
 Acq: 08 Nov 2022 12:34

Tgt Ion:276 Resp: 419276
 Ion Ratio Lower Upper
 276 100
 277 23.5 20.0 30.0
 138 18.7 14.8 22.2

