

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122322\
 Data File : BF131811.D
 Acq On : 23 Dec 2022 17:47
 Operator : CG\JU
 Sample : N6051-02MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-591MS

Quant Time: Dec 24 03:07:46 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 24 00:05:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	73727	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	269723	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	154574	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	293556	20.000	ng	0.00
76) Chrysene-d12	14.063	240	167705	20.000	ng	# 0.00
86) Perylene-d12	15.557	264	159654	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	211289	48.257	ng	0.00
7) Phenol-d6	6.475	99	187533	31.822	ng	-0.01
23) Nitrobenzene-d5	7.422	82	542154	81.600	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	177904	105.152	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	918690	83.256	ng	0.00
79) Terphenyl-d14	12.992	244	485557	45.124	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.581	88	29512	14.424	ng	# 94
3) Pyridine	3.351	79	28899	4.953	ng	97
4) n-Nitrosodimethylamine	3.275	42	40626	15.391	ng	# 95
6) Aniline	6.510	93	38237	5.256	ng	93
8) 2-Chlorophenol	6.634	128	122026	25.948	ng	96
9) Benzaldehyde	6.398	77	172191	51.308	ng	97
10) Phenol	6.492	94	71522	10.165	ng	96
11) bis(2-Chloroethyl)ether	6.581	93	205896	40.893	ng	98
12) 1,3-Dichlorobenzene	6.787	146	221402	41.649	ng	98
13) 1,4-Dichlorobenzene	6.863	146	223723	41.172	ng	98
14) 1,2-Dichlorobenzene	7.016	146	213782	42.020	ng	97
15) Benzyl Alcohol	6.992	79	99742	18.949	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.122	45	287110	44.720	ng	93
17) 2-Methylphenol	7.110	107	90474	20.379	ng	94
18) Hexachloroethane	7.363	117	87957	40.834	ng	94
19) n-Nitroso-di-n-propyla...	7.263	70	181167	42.625	ng	97
20) 3+4-Methylphenols	7.263	107	75088	13.142	ng	# 1
22) Acetophenone	7.263	105	334176	42.455	ng	97
24) Nitrobenzene	7.439	77	279217	41.338	ng	99
25) Isophorone	7.675	82	484662	42.954	ng	98
26) 2-Nitrophenol	7.757	139	87021	32.966	ng	96
27) 2,4-Dimethylphenol	7.798	122	125420	33.359	ng	98
28) bis(2-Chloroethoxy)met...	7.886	93	267562	44.655	ng	99
29) 2,4-Dichlorophenol	8.004	162	136910	30.164	ng	97
30) 1,2,4-Trichlorobenzene	8.081	180	215526	40.392	ng	99
31) Naphthalene	8.163	128	606514	41.174	ng	99
32) Benzoic acid	7.910	122	22381	7.437	ng	95
33) 4-Chloroaniline	8.210	127	52170	9.081	ng	99
34) Hexachlorobutadiene	8.275	225	135877	37.849	ng	99
35) Caprolactam	8.581	113	8041	5.875	ng	# 86
36) 4-Chloro-3-methylphenol	8.698	107	140522	27.102	ng	97
37) 2-Methylnaphthalene	8.857	142	410100	40.814	ng	99
38) 1-Methylnaphthalene	8.957	142	381397	39.191	ng	99
40) 1,2,4,5-Tetrachloroben...	9.022	216	224511	42.453	ng	99
41) Hexachlorocyclopentadiene	9.010	237	208759	87.130	ng	98
43) 2,4,6-Trichlorophenol	9.139	196	115687	33.488	ng	99

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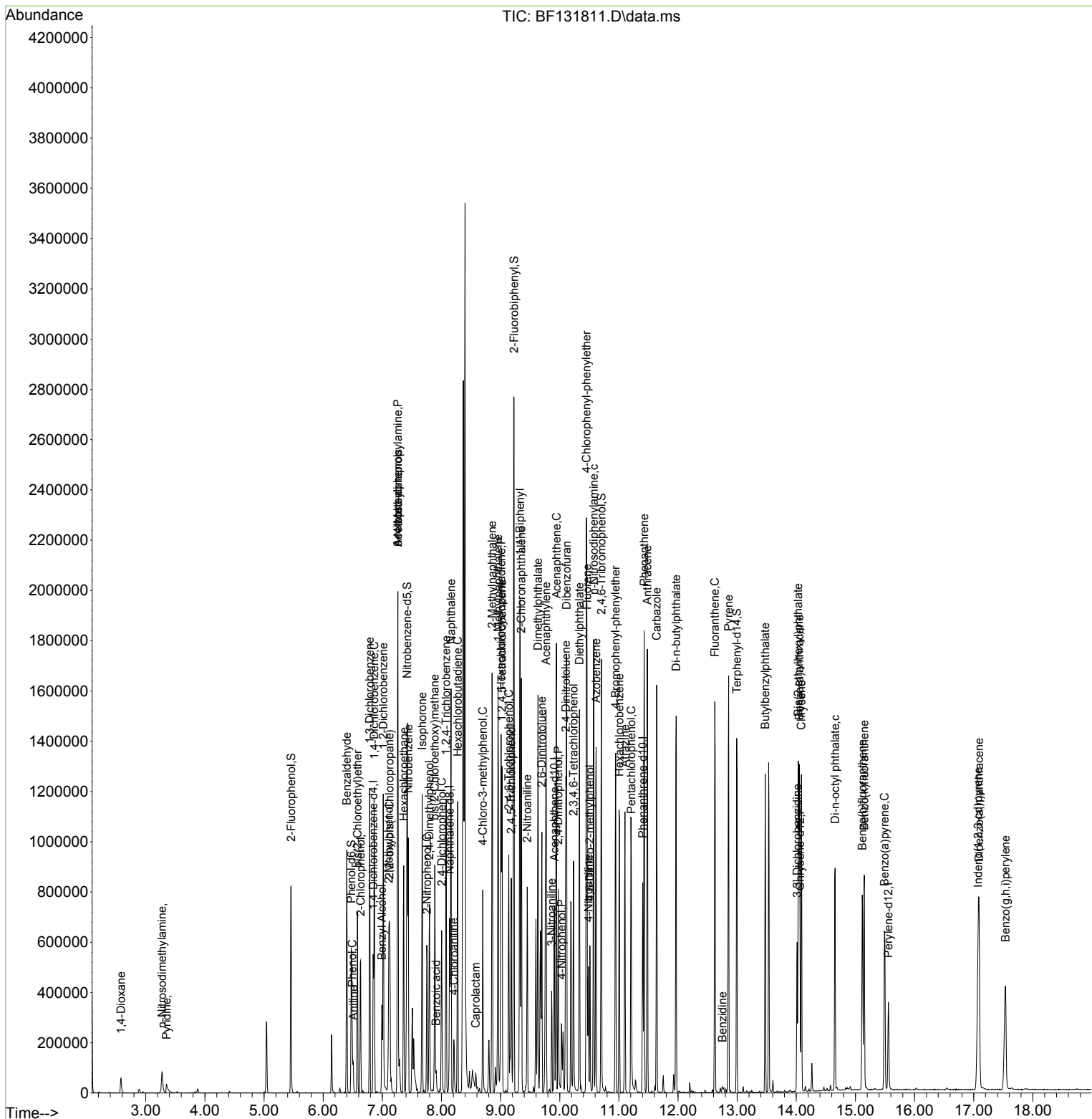
Instrument :
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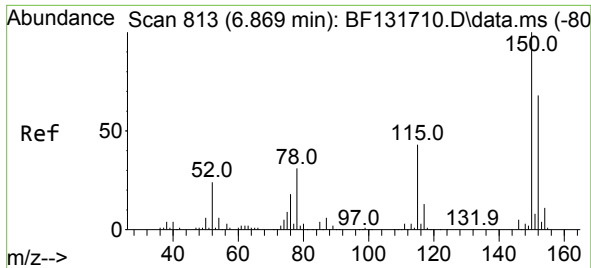
Quant Time: Dec 24 03:07:46 2022
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 QLast Update : Sat Dec 24 00:05:44 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	123403	32.997	ng	96
46) 1,1'-Biphenyl	9.328	154	515105	44.303	ng	99
47) 2-Chloronaphthalene	9.351	162	411054	43.175	ng	98
48) 2-Nitroaniline	9.451	65	135230	39.408	ng	92
49) Acenaphthylene	9.769	152	615506	43.103	ng	99
50) Dimethylphthalate	9.633	163	582514	50.083	ng	100
51) 2,6-Dinitrotoluene	9.698	165	108731	43.476	ng	99
52) Acenaphthene	9.945	154	376052	42.988	ng	99
53) 3-Nitroaniline	9.863	138	46625	18.220	ng	98
54) 2,4-Dinitrophenol	9.975	184	86516	57.734	ng	89
55) Dibenzofuran	10.116	168	572786	42.700	ng	100
56) 4-Nitrophenol	10.033	139	40821	22.288	ng	90
57) 2,4-Dinitrotoluene	10.104	165	144859	43.105	ng	99
58) Fluorene	10.463	166	454673	41.923	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.233	232	106100	33.983	ng	# 87
60) Diethylphthalate	10.333	149	486238	43.387	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	246030	42.682	ng	99
62) 4-Nitroaniline	10.486	138	73468	28.527	ng	97
63) Azobenzene	10.616	77	523444	42.532	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	64642	32.073	ng	98
66) n-Nitrosodiphenylamine	10.575	169	390861	42.935	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	145094	41.849	ng	98
68) Hexachlorobenzene	11.010	284	146869	38.516	ng	# 91
69) Atrazine	11.104	200	128175	42.238	ng	98
70) Pentachlorophenol	11.210	266	136099	67.248	ng	97
71) Phenanthrene	11.427	178	644310	40.251	ng	98
72) Anthracene	11.480	178	646057	41.220	ng	99
73) Carbazole	11.639	167	576468	42.512	ng	99
74) Di-n-butylphthalate	11.969	149	717805	42.512	ng	99
75) Fluoranthene	12.621	202	657712	36.893	ng	99
77) Benzidine	12.751	184	9075	2.951	ng	# 95
78) Pyrene	12.857	202	653416	42.854	ng	99
80) Butylbenzylphthalate	13.474	149	247144	45.957	ng	96
81) Benzo(a)anthracene	14.051	228	454391	37.621	ng	100
82) 3,3'-Dichlorobenzidine	14.015	252	117079	34.719	ng	# 98
83) Chrysene	14.086	228	419784	36.823	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	303792	47.374	ng	# 98
85) Di-n-octyl phthalate	14.657	149	439212	49.066	ng	100
87) Indeno(1,2,3-cd)pyrene	17.074	276	476393	44.424	ng	100
88) Benzo(b)fluoranthene	15.115	252	398641	35.293	ng	98
89) Benzo(k)fluoranthene	15.151	252	374669	33.993	ng	99
90) Benzo(a)pyrene	15.492	252	333365	37.260	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	401110	45.261	ng	98
92) Benzo(g,h,i)perylene	17.539	276	390161	44.543	ng	98

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

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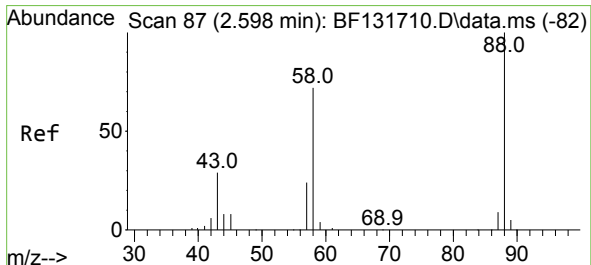
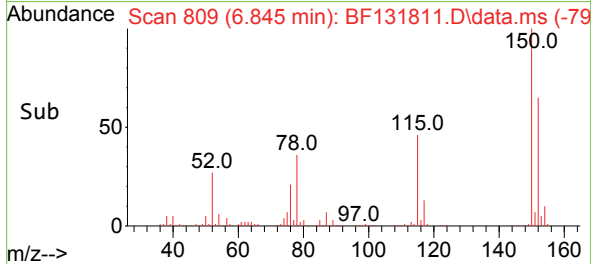
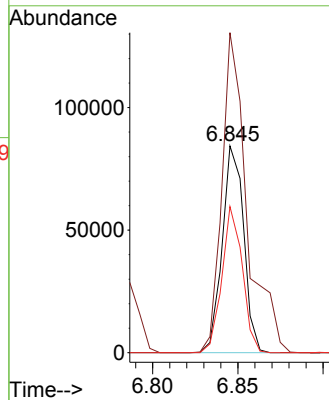
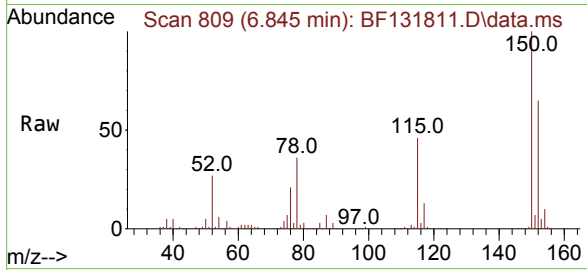




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.845 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF131811.D
 Acq: 23 Dec 2022 17:47

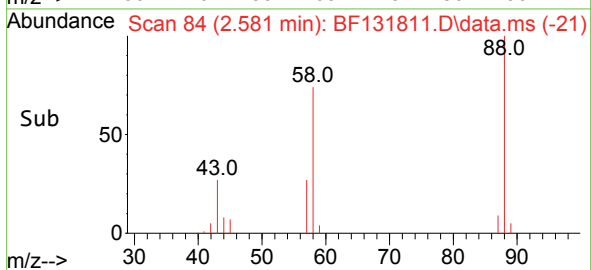
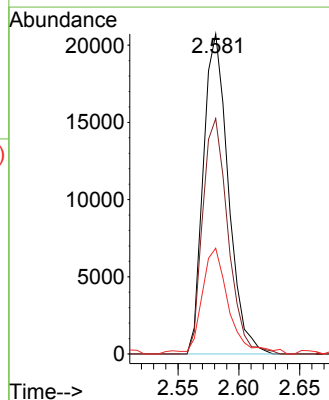
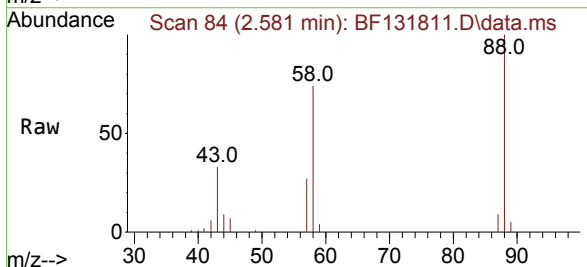
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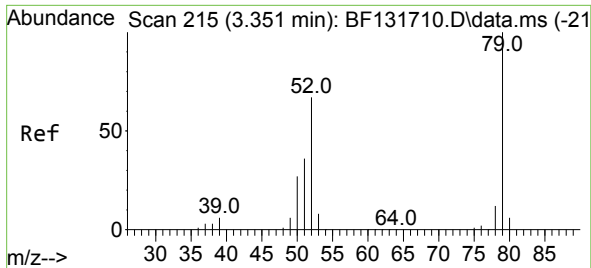
Tgt Ion:152 Resp: 73727
 Ion Ratio Lower Upper
 152 100
 150 154.8 117.4 176.0
 115 70.6 50.2 75.4



#2
 1,4-Dioxane
 Concen: 14.424 ng
 RT: 2.581 min Scan# 84
 Delta R.T. 0.018 min
 Lab File: BF131811.D
 Acq: 23 Dec 2022 17:47

Tgt Ion: 88 Resp: 29512
 Ion Ratio Lower Upper
 88 100
 58 74.5 57.5 86.3
 43 35.5 23.3 34.9#

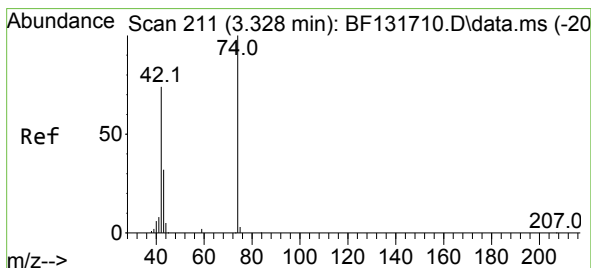
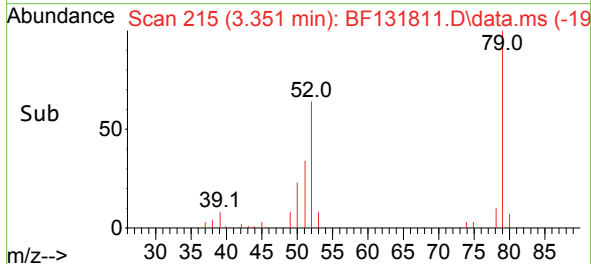
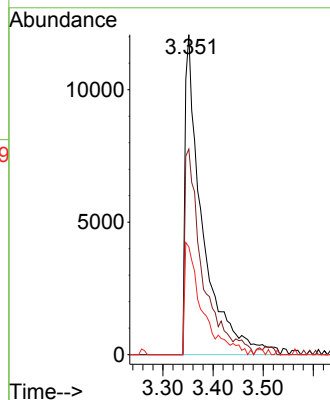
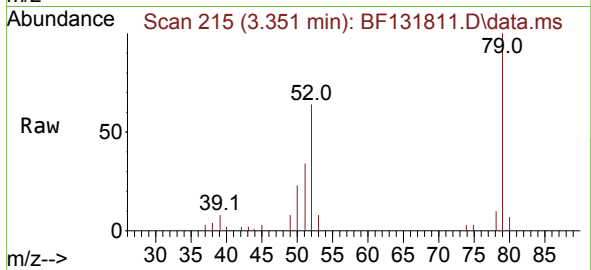




#3
Pyridine
Concen: 4.953 ng
RT: 3.351 min Scan# 21
Delta R.T. 0.035 min
Lab File: BF131811.D
Acq: 23 Dec 2022 17:47

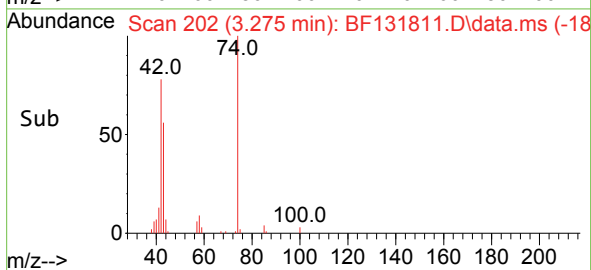
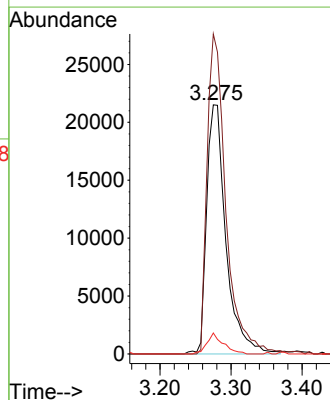
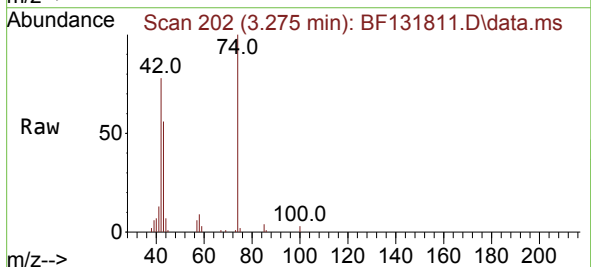
Instrument :
BNA_F
ClientSampleId :
SP-591MS

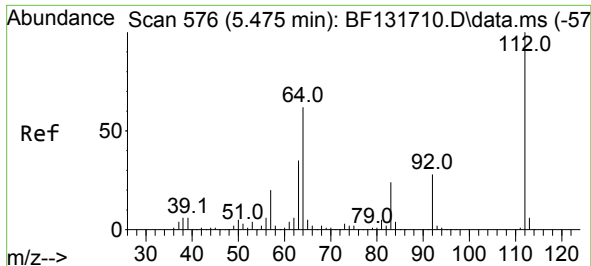
Tgt Ion: 79	Resp: 28899
Ion Ratio	Lower Upper
79 100	
52 64.3	53.7 80.5
51 33.7	28.6 42.8



#4
n-Nitrosodimethylamine
Concen: 15.391 ng
RT: 3.275 min Scan# 202
Delta R.T. -0.018 min
Lab File: BF131811.D
Acq: 23 Dec 2022 17:47

Tgt Ion: 42	Resp: 40626
Ion Ratio	Lower Upper
42 100	
74 128.4	107.8 161.8
44 8.4	5.5 8.3

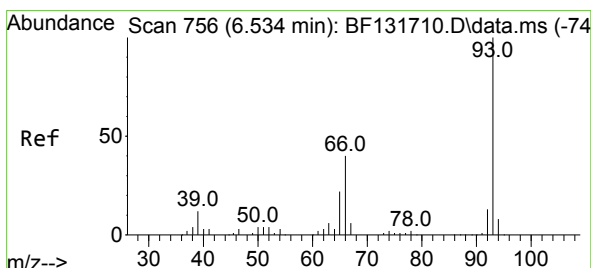
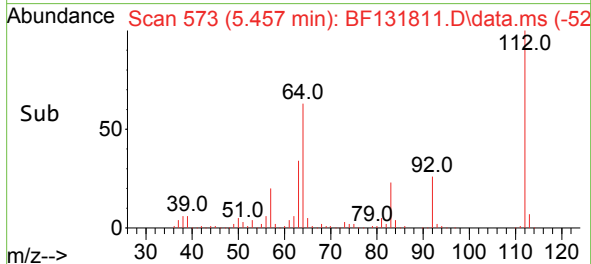
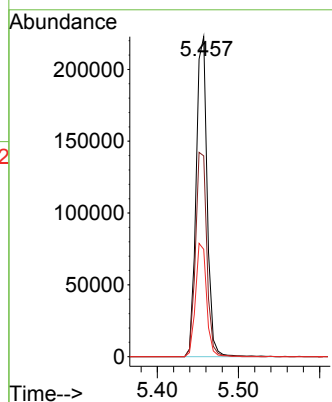
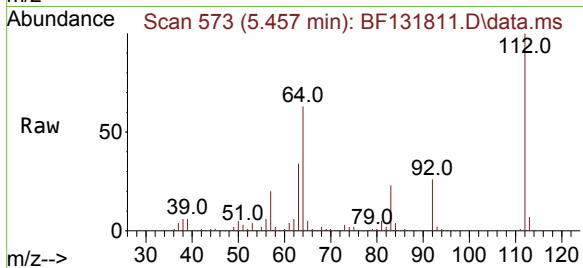




#5
2-Fluorophenol
Concen: 48.257 ng
RT: 5.457 min Scan# 511
Delta R.T. 0.000 min
Lab File: BF131811.D
Acq: 23 Dec 2022 17:47

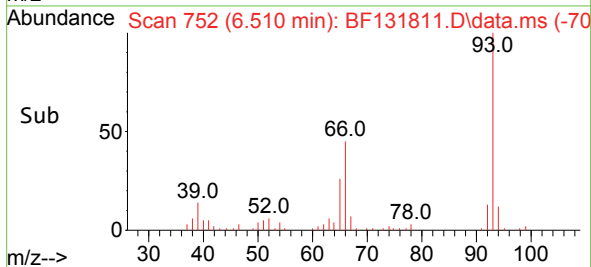
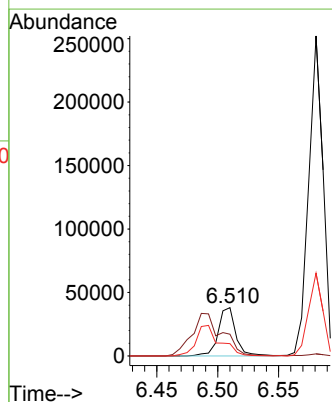
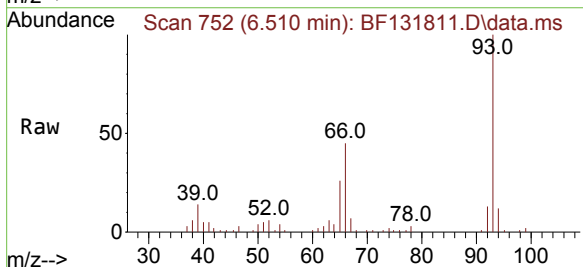
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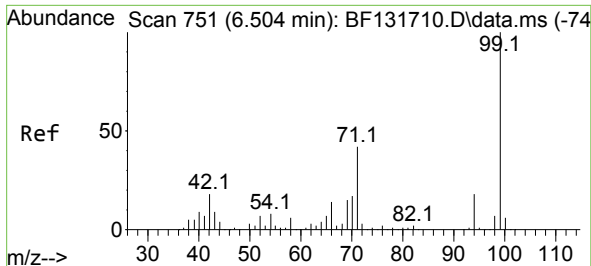
Tgt Ion:112 Resp: 211289
Ion Ratio Lower Upper
112 100
64 62.8 49.5 74.3
63 33.5 28.2 42.2



#6
Aniline
Concen: 5.256 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF131811.D
Acq: 23 Dec 2022 17:47

Tgt Ion: 93 Resp: 38237
Ion Ratio Lower Upper
93 100
66 45.1 32.8 49.2
65 25.6 17.4 26.2

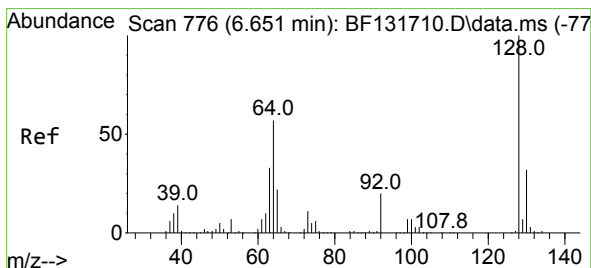
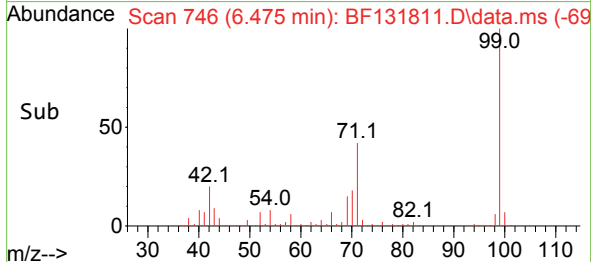
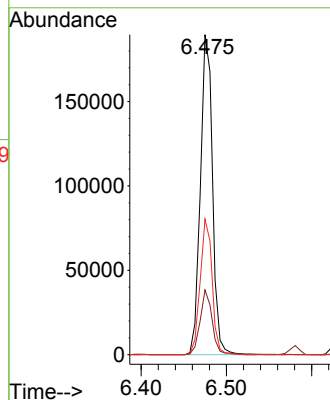
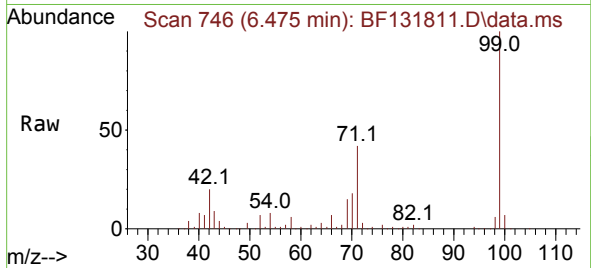




#7
Phenol-d6
Concen: 31.822 ng
RT: 6.475 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF131811.D
Acq: 23 Dec 2022 17:47

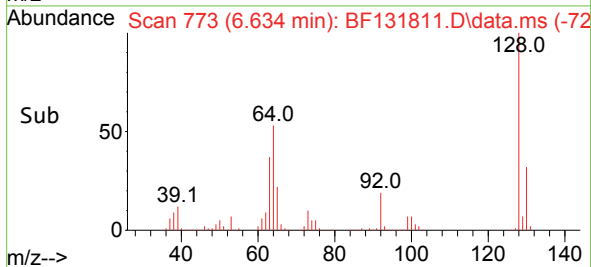
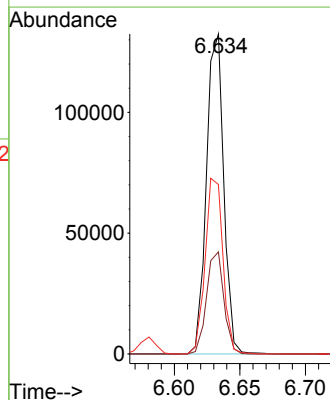
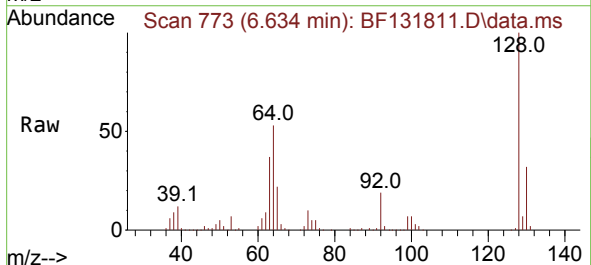
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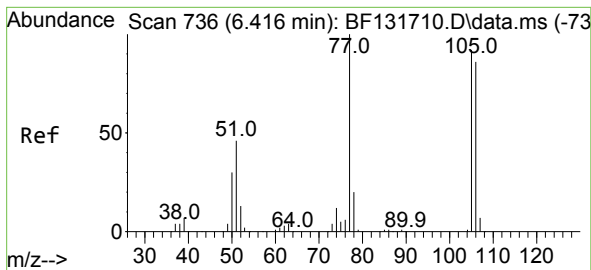
Tgt Ion: 99 Resp: 187533
Ion Ratio Lower Upper
99 100
42 20.2 14.8 22.2
71 42.3 33.8 50.6



#8
2-Chlorophenol
Concen: 25.948 ng
RT: 6.634 min Scan# 773
Delta R.T. -0.006 min
Lab File: BF131811.D
Acq: 23 Dec 2022 17:47

Tgt Ion:128 Resp: 122026
Ion Ratio Lower Upper
128 100
130 31.9 12.0 52.0
64 53.0 37.7 77.7





#9

Benzaldehyde

Concen: 51.308 ng

RT: 6.398 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF131811.D

Acq: 23 Dec 2022 17:47

Instrument :

BNA_F

ClientSampleId :

SP-591MS

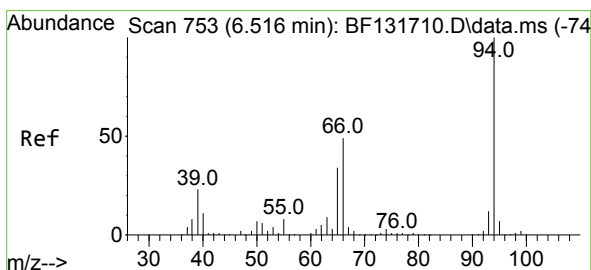
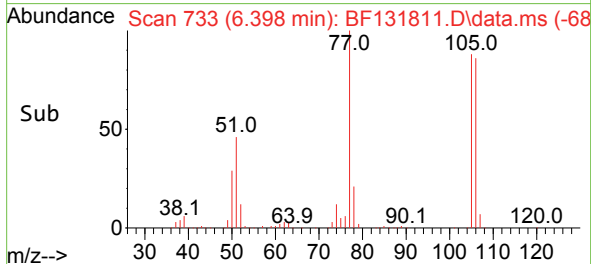
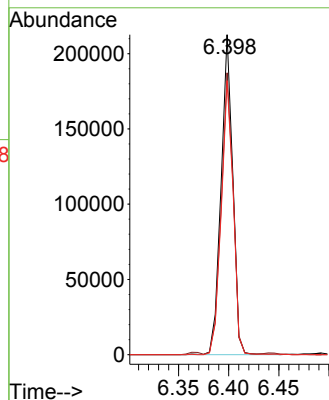
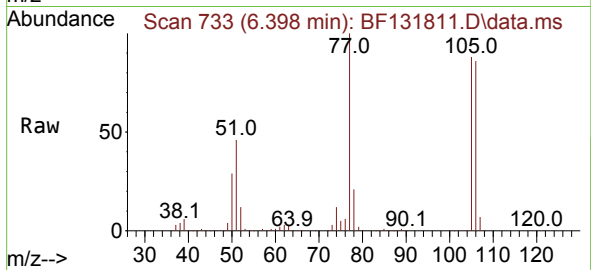
Tgt Ion: 77 Resp: 172191

Ion Ratio Lower Upper

77 100

105 88.1 72.4 112.4

106 85.6 66.5 106.5



#10

Phenol

Concen: 10.165 ng

RT: 6.492 min Scan# 749

Delta R.T. -0.012 min

Lab File: BF131811.D

Acq: 23 Dec 2022 17:47

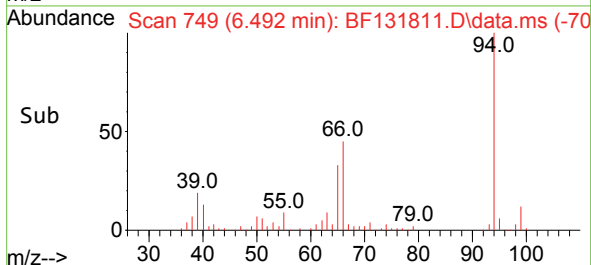
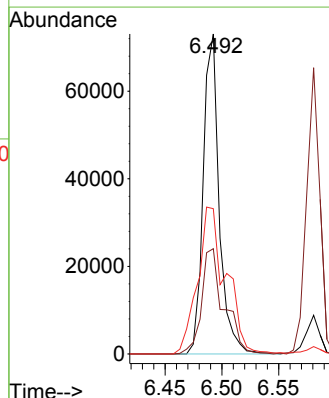
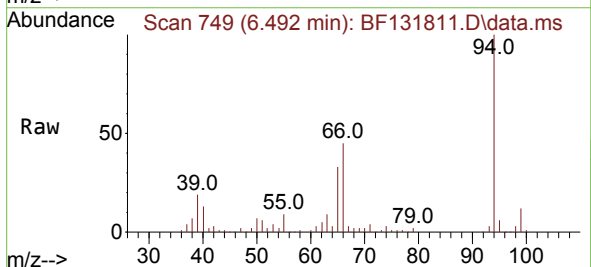
Tgt Ion: 94 Resp: 71522

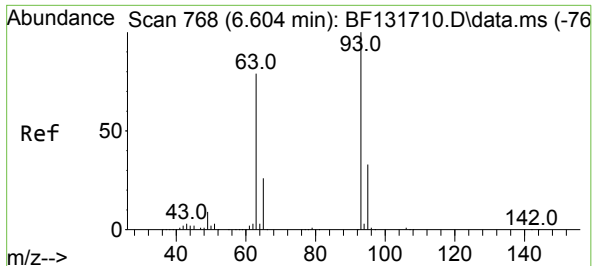
Ion Ratio Lower Upper

94 100

65 32.9 14.0 54.0

66 45.4 28.8 68.8





#11

bis(2-Chloroethyl)ether

Concen: 40.893 ng

RT: 6.581 min Scan# 709

Delta R.T. -0.012 min

Lab File: BF131811.D

Acq: 23 Dec 2022 17:47

Instrument :

BNA_F

ClientSampleId :

SP-591MS

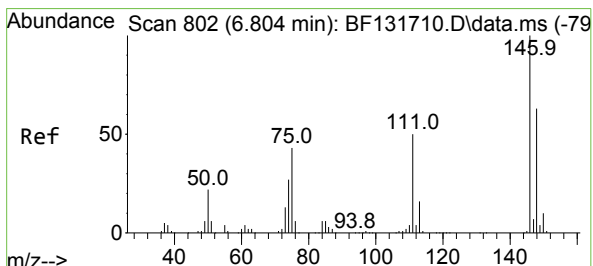
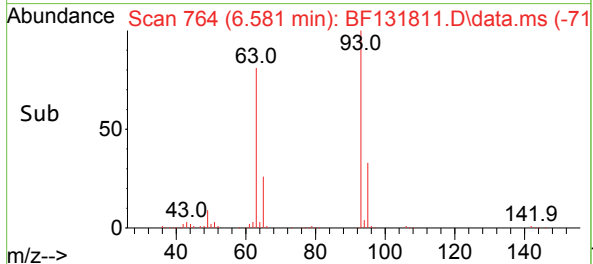
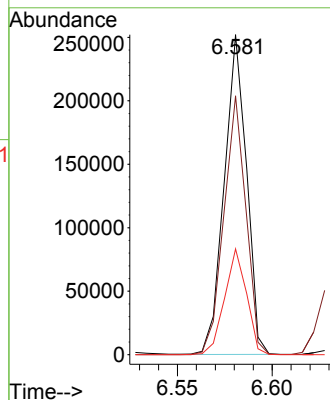
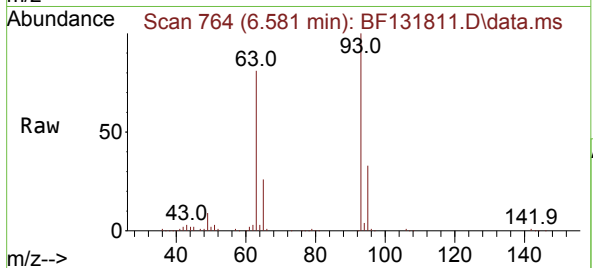
Tgt Ion: 93 Resp: 205896

Ion Ratio Lower Upper

93 100

63 80.9 59.0 99.0

95 33.1 12.6 52.6



#12

1,3-Dichlorobenzene

Concen: 41.649 ng

RT: 6.787 min Scan# 799

Delta R.T. -0.006 min

Lab File: BF131811.D

Acq: 23 Dec 2022 17:47

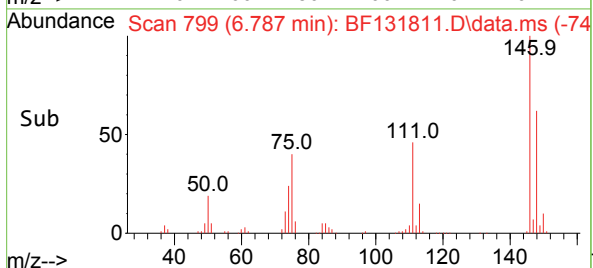
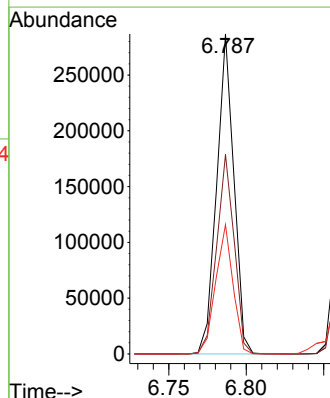
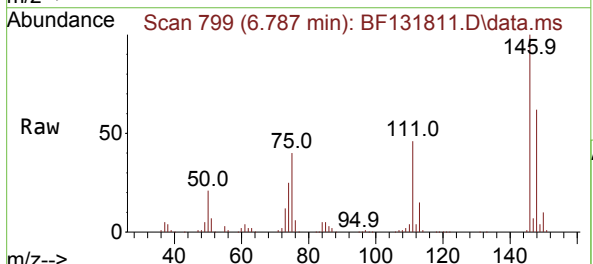
Tgt Ion: 146 Resp: 221402

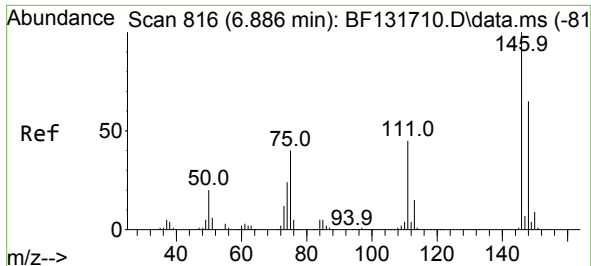
Ion Ratio Lower Upper

146 100

148 62.3 50.6 76.0

75 40.4 34.3 51.5





#13

1,4-Dichlorobenzene

Concen: 41.172 ng

RT: 6.863 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF131811.D

Acq: 23 Dec 2022 17:47

Instrument :

BNA_F

ClientSampleId :

SP-591MS

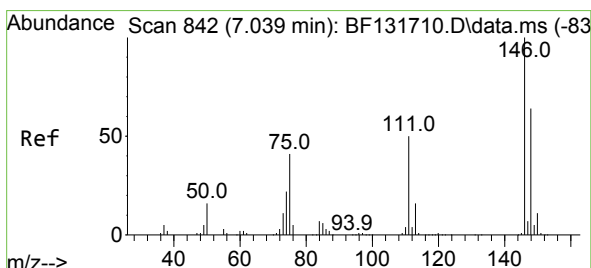
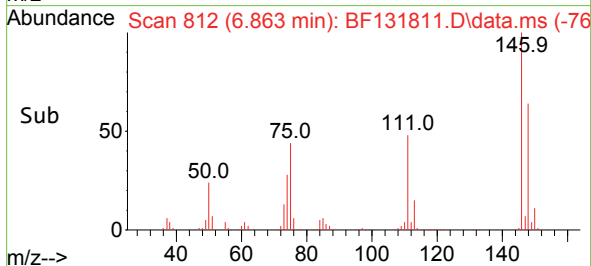
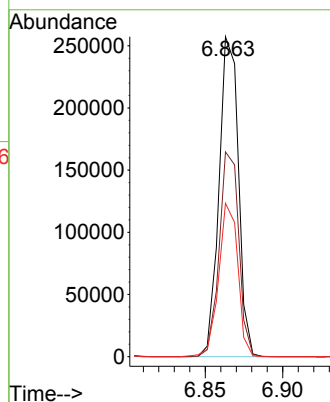
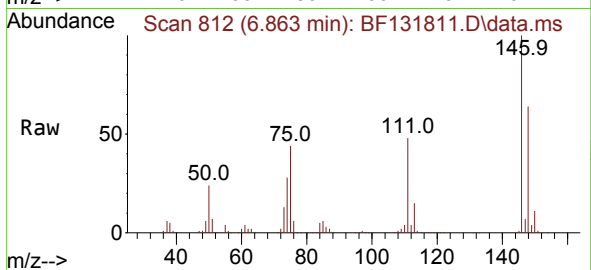
Tgt Ion:146 Resp: 223723

Ion Ratio Lower Upper

146 100

148 64.0 52.2 78.4

111 48.0 36.4 54.6



#14

1,2-Dichlorobenzene

Concen: 42.020 ng

RT: 7.016 min Scan# 838

Delta R.T. -0.006 min

Lab File: BF131811.D

Acq: 23 Dec 2022 17:47

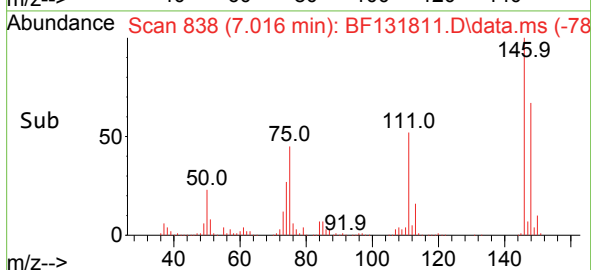
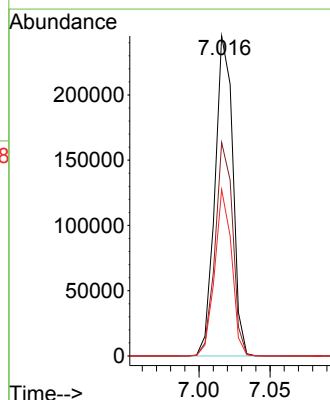
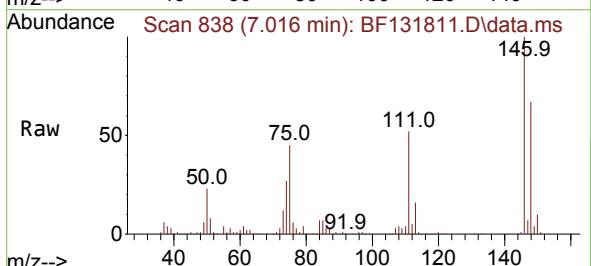
Tgt Ion:146 Resp: 213782

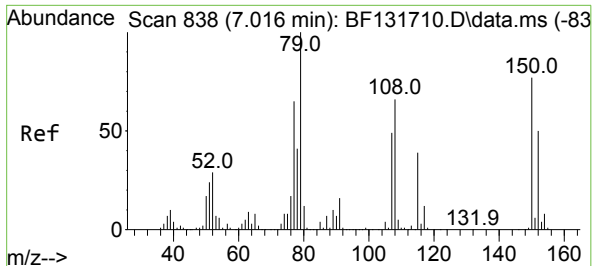
Ion Ratio Lower Upper

146 100

148 66.7 51.4 77.0

111 52.0 39.8 59.6





#15

Benzyl Alcohol

Concen: 18.949 ng

RT: 6.992 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF131811.D

Acq: 23 Dec 2022 17:47

Instrument :

BNA_F

ClientSampleId :

SP-591MS

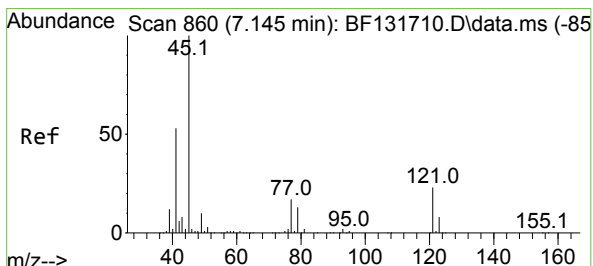
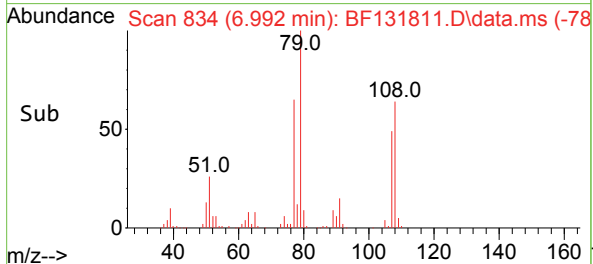
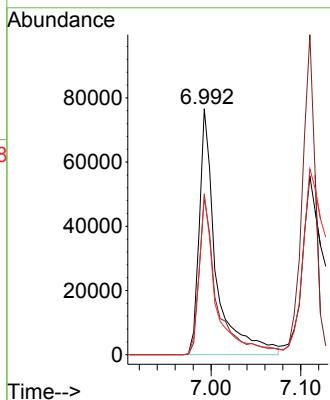
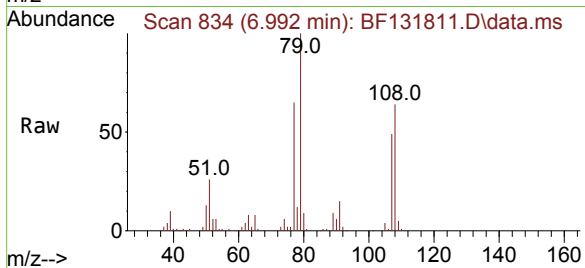
Tgt Ion: 79 Resp: 99742

Ion Ratio Lower Upper

79 100

108 64.1 52.6 78.8

77 65.4 51.7 77.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.720 ng

RT: 7.122 min Scan# 856

Delta R.T. -0.006 min

Lab File: BF131811.D

Acq: 23 Dec 2022 17:47

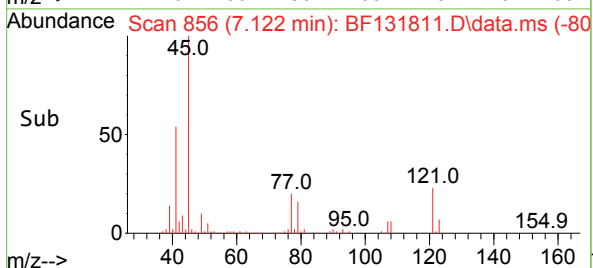
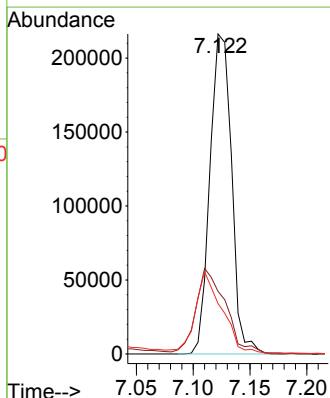
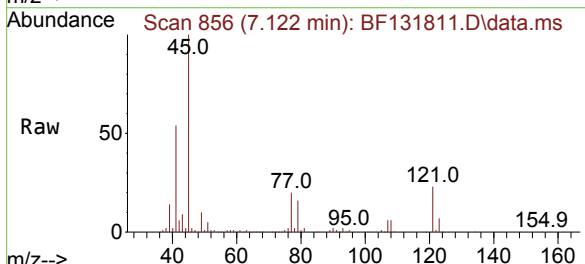
Tgt Ion: 45 Resp: 287110

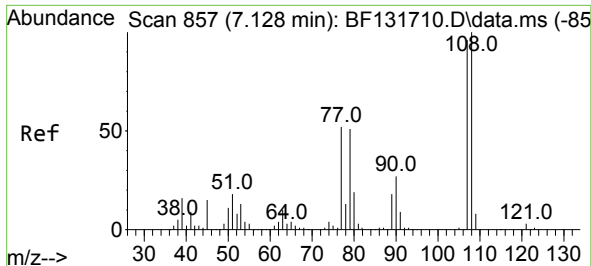
Ion Ratio Lower Upper

45 100

77 19.6 0.0 36.8

79 15.8 0.0 33.1

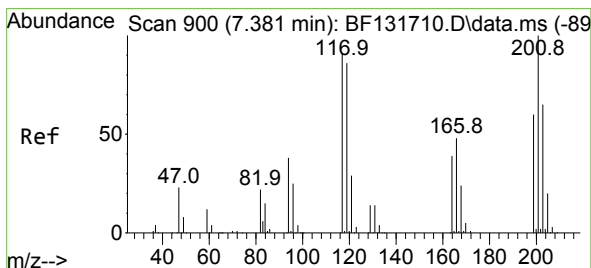
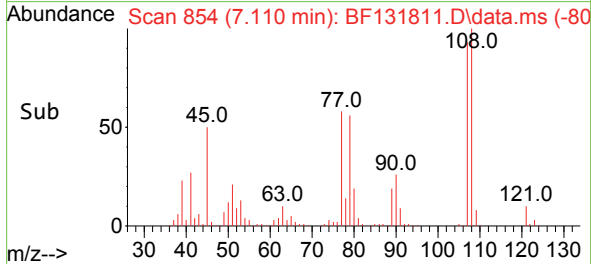
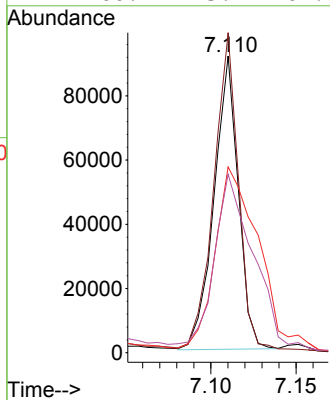
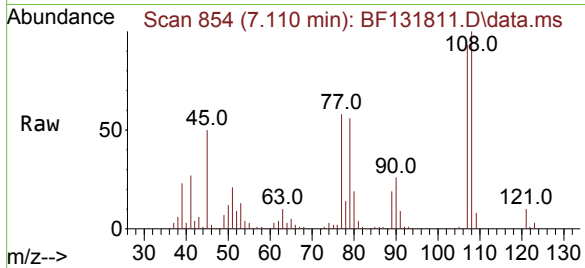




#17
2-Methylphenol
Concen: 20.379 ng
RT: 7.110 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF131811.D
Acq: 23 Dec 2022 17:47

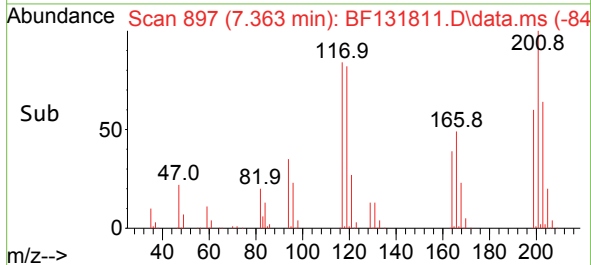
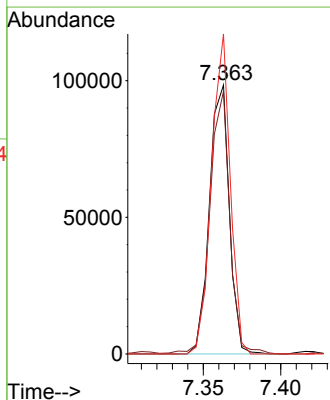
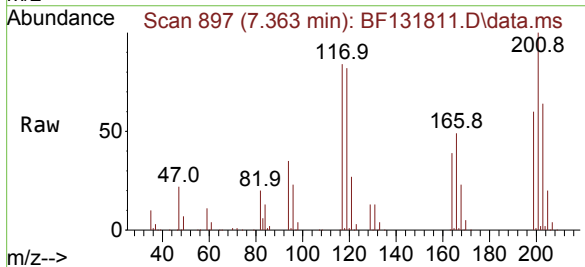
Instrument :
BNA_F
ClientSampleId :
SP-591MS

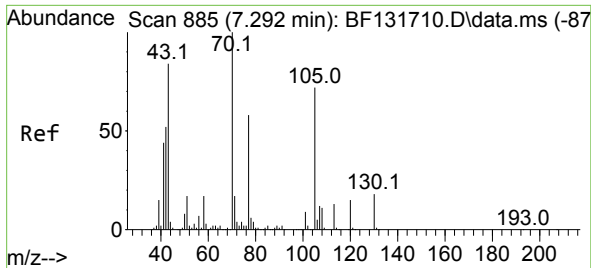
Tgt Ion:	107	Resp:	90474
Ion	Ratio	Lower	Upper
107	100		
108	107.8	83.8	125.6
77	62.6	43.8	65.8
79	60.1	43.2	64.8



#18
Hexachloroethane
Concen: 40.834 ng
RT: 7.363 min Scan# 897
Delta R.T. 0.000 min
Lab File: BF131811.D
Acq: 23 Dec 2022 17:47

Tgt Ion:	117	Resp:	87957
Ion	Ratio	Lower	Upper
117	100		
119	97.7	75.8	113.8
201	119.0	88.2	132.4



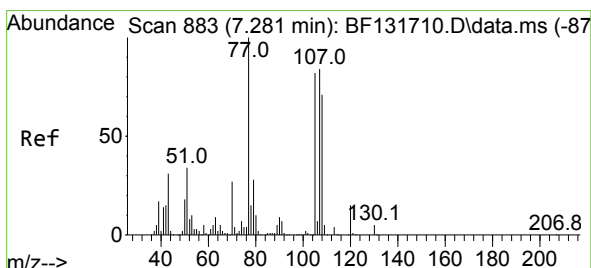
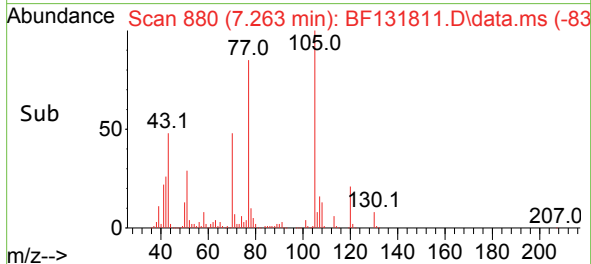
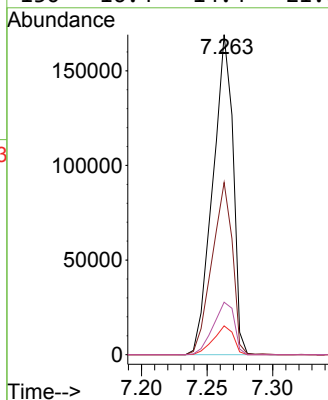
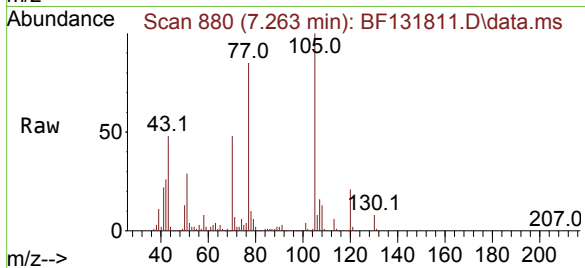


#19
n-Nitroso-di-n-propylamine
Concen: 42.625 ng
RT: 7.263 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF131811.D
Acq: 23 Dec 2022 17:47

Instrument :
BNA_F
ClientSampleId :
SP-591MS

Tgt Ion: 70 Resp: 181167

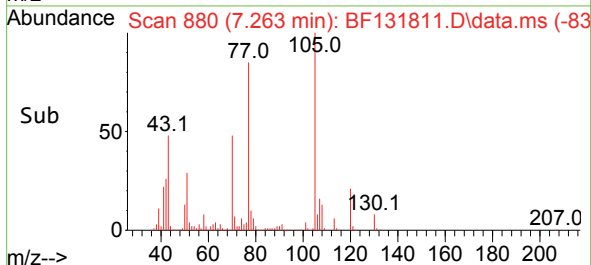
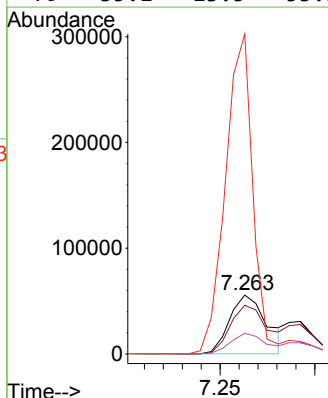
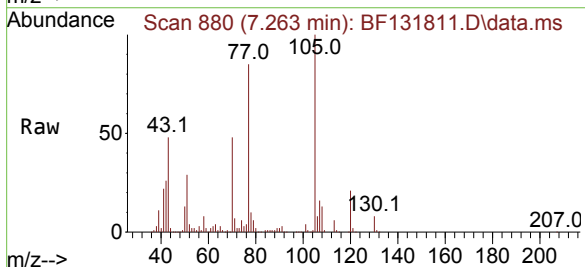
Ion	Ratio	Lower	Upper
70	100		
42	53.8	41.5	62.3
101	9.0	7.3	10.9
130	16.4	14.4	21.6

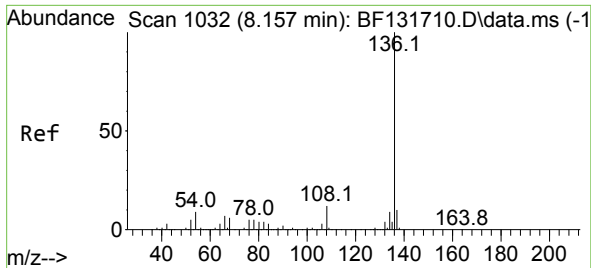


#20
3+4-Methylphenols
Concen: 13.142 ng
RT: 7.263 min Scan# 880
Delta R.T. -0.006 min
Lab File: BF131811.D
Acq: 23 Dec 2022 17:47

Tgt Ion: 107 Resp: 75088

Ion	Ratio	Lower	Upper
107	100		
108	82.9	65.2	105.2
77	543.8	99.6	139.6#
79	35.1	13.5	53.5

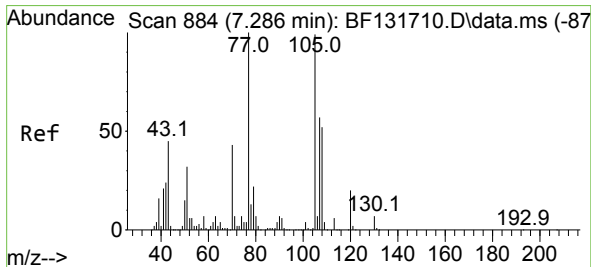
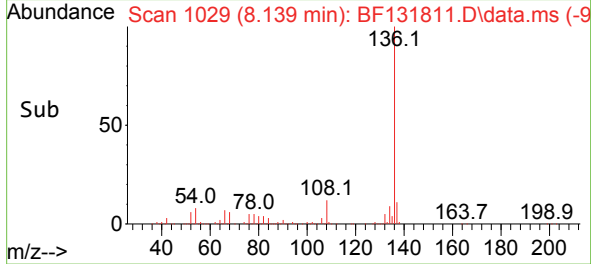
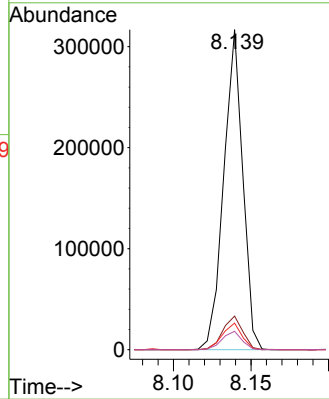
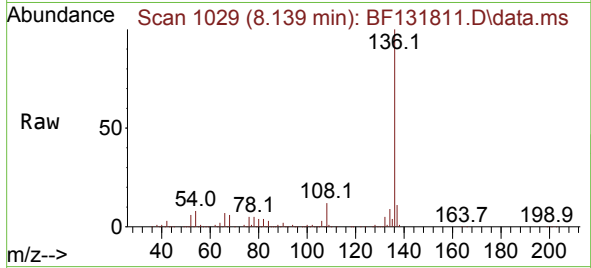




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF131811.D
Acq: 23 Dec 2022 17:47

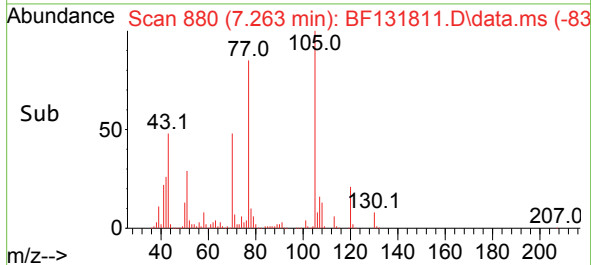
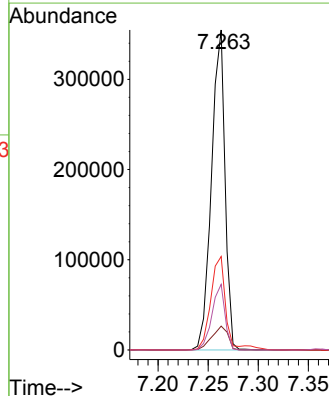
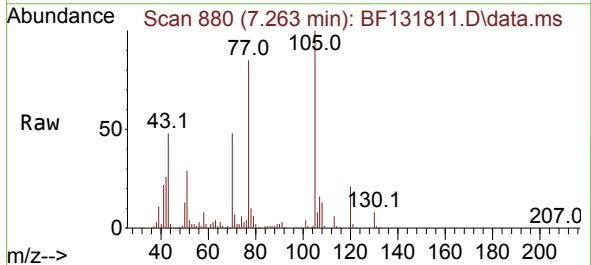
Instrument :
BNA_F
ClientSampleId :
SP-591MS

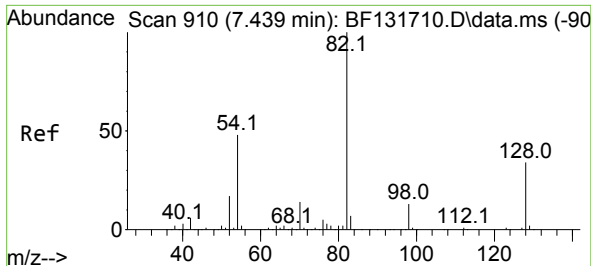
Tgt Ion:136 Resp: 269723
Ion Ratio Lower Upper
136 100
137 10.5 8.4 12.6
54 8.3 7.2 10.8
68 5.7 5.0 7.6



#22
Acetophenone
Concen: 42.455 ng
RT: 7.263 min Scan# 880
Delta R.T. -0.006 min
Lab File: BF131811.D
Acq: 23 Dec 2022 17:47

Tgt Ion:105 Resp: 334176
Ion Ratio Lower Upper
105 100
71 7.4 5.5 8.3
51 29.2 25.5 38.3
120 20.5 15.9 23.9

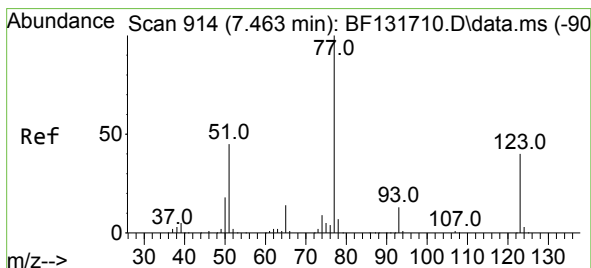
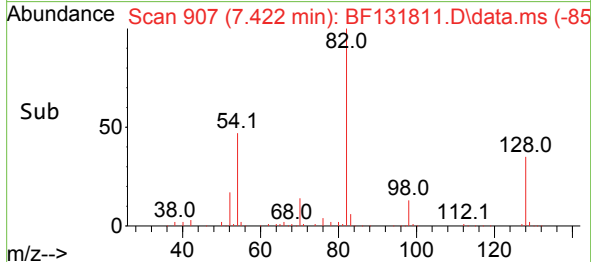
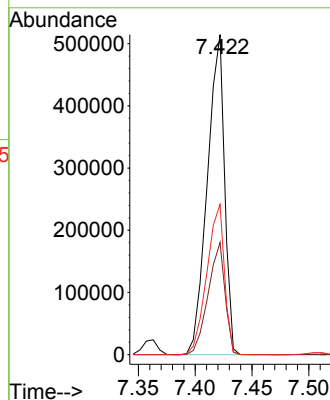
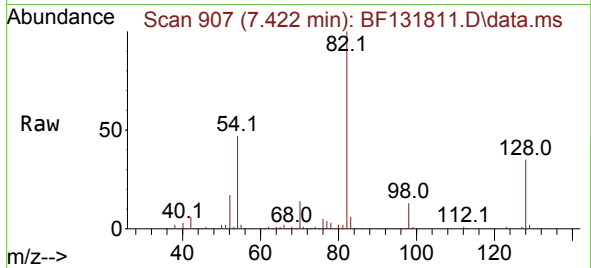




#23
Nitrobenzene-d5
Concen: 81.600 ng
RT: 7.422 min Scan# 90
Delta R.T. -0.006 min
Lab File: BF131811.D
Acq: 23 Dec 2022 17:47

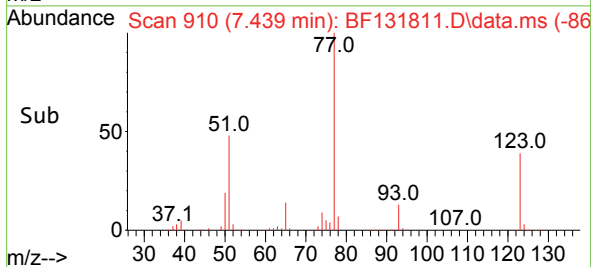
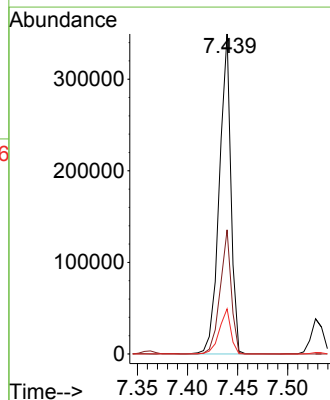
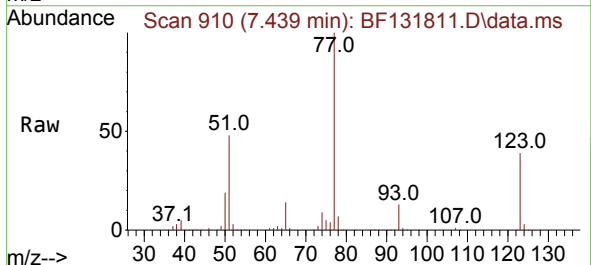
Instrument :
BNA_F
ClientSampleId :
SP-591MS

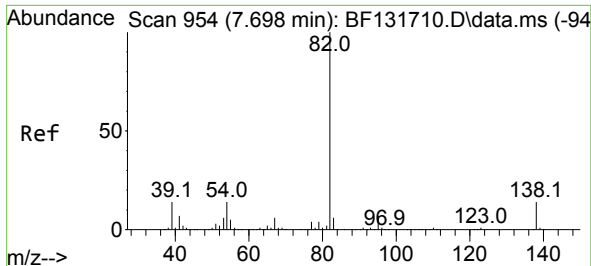
Tgt Ion: 82 Resp: 542154
Ion Ratio Lower Upper
82 100
128 35.1 27.3 40.9
54 47.0 38.2 57.2



#24
Nitrobenzene
Concen: 41.338 ng
RT: 7.439 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF131811.D
Acq: 23 Dec 2022 17:47

Tgt Ion: 77 Resp: 279217
Ion Ratio Lower Upper
77 100
123 38.8 31.8 47.6
65 14.1 10.9 16.3

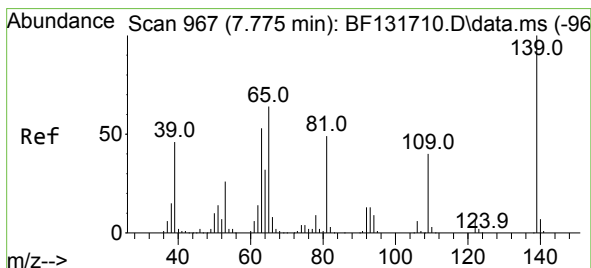
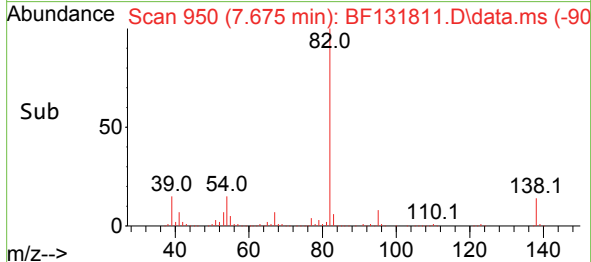
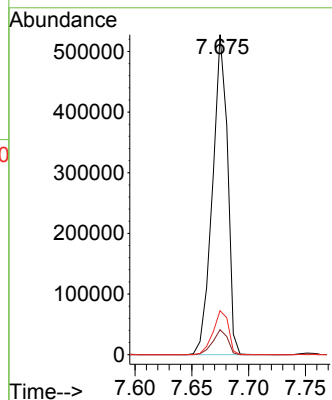
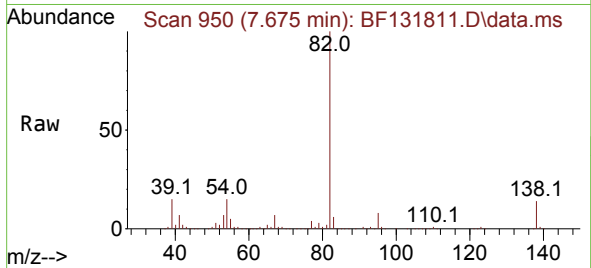




#25
Isophorone
Concen: 42.954 ng
RT: 7.675 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF131811.D
Acq: 23 Dec 2022 17:47

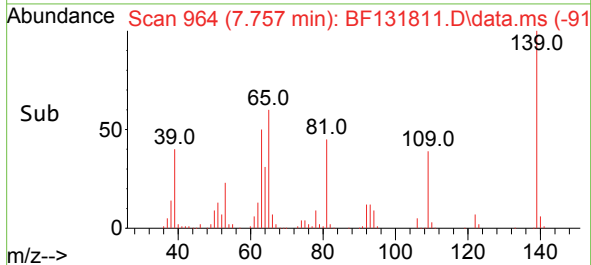
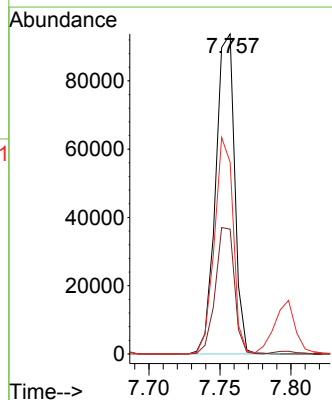
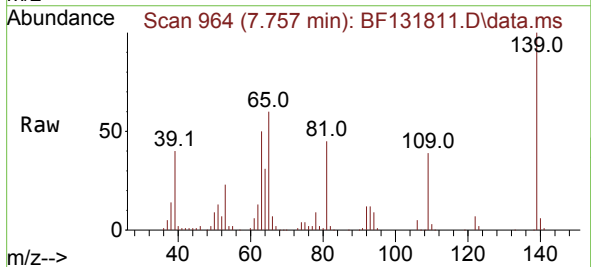
Instrument :
BNA_F
ClientSampleId :
SP-591MS

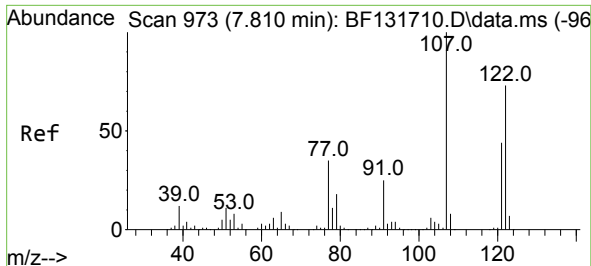
Tgt Ion: 82 Resp: 484662
Ion Ratio Lower Upper
82 100
95 7.8 5.8 8.6
138 13.7 11.6 17.4



#26
2-Nitrophenol
Concen: 32.966 ng
RT: 7.757 min Scan# 964
Delta R.T. 0.000 min
Lab File: BF131811.D
Acq: 23 Dec 2022 17:47

Tgt Ion:139 Resp: 87021
Ion Ratio Lower Upper
139 100
109 39.0 31.8 47.6
65 60.0 51.4 77.0

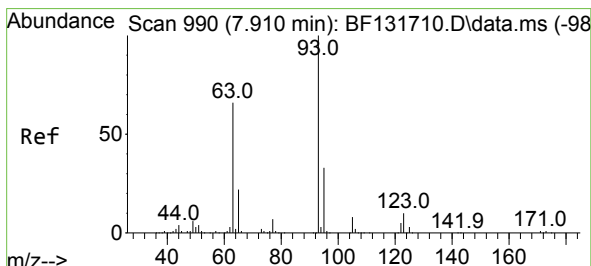
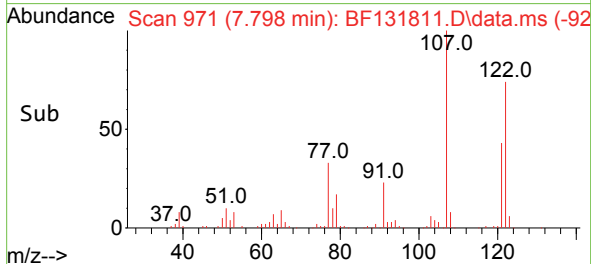
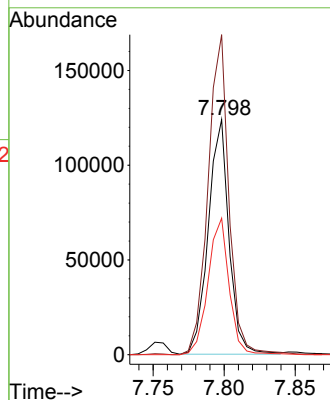
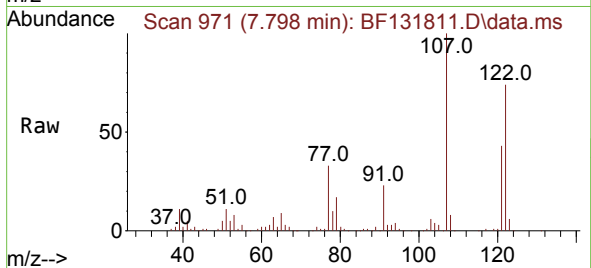




#27
2,4-Dimethylphenol
Concen: 33.359 ng
RT: 7.798 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF131811.D
Acq: 23 Dec 2022 17:47

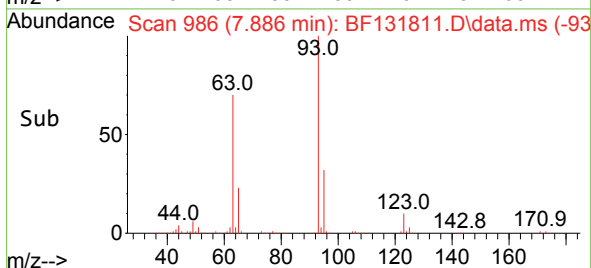
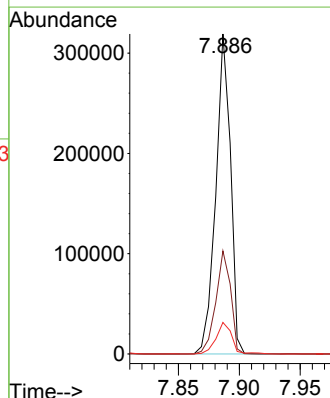
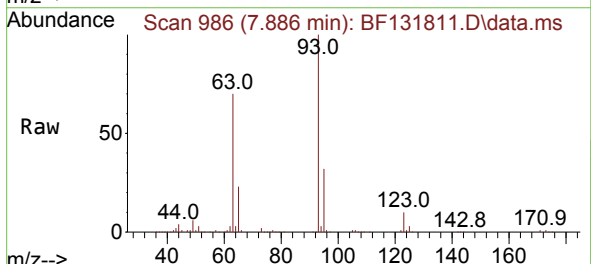
Instrument :
BNA_F
ClientSampleId :
SP-591MS

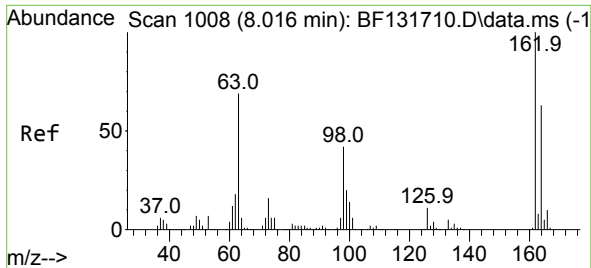
Tgt Ion:122 Resp: 125420
Ion Ratio Lower Upper
122 100
107 136.0 110.1 165.1
121 58.0 47.9 71.9



#28
bis(2-Chloroethoxy)methane
Concen: 44.655 ng
RT: 7.886 min Scan# 986
Delta R.T. -0.006 min
Lab File: BF131811.D
Acq: 23 Dec 2022 17:47

Tgt Ion: 93 Resp: 267562
Ion Ratio Lower Upper
93 100
95 32.2 26.0 39.0
123 9.8 8.2 12.2





#29

2,4-Dichlorophenol

Concen: 30.164 ng

RT: 8.004 min Scan# 1006

Delta R.T. 0.000 min

Lab File: BF131811.D

Acq: 23 Dec 2022 17:47

Instrument :

BNA_F

ClientSampleId :

SP-591MS

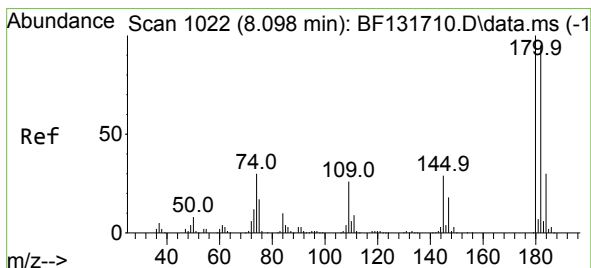
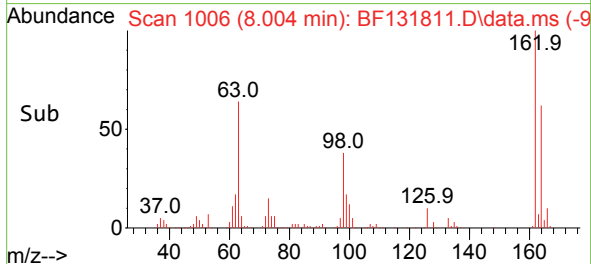
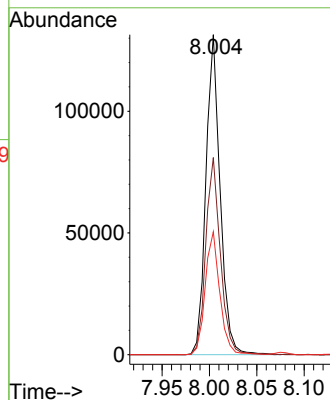
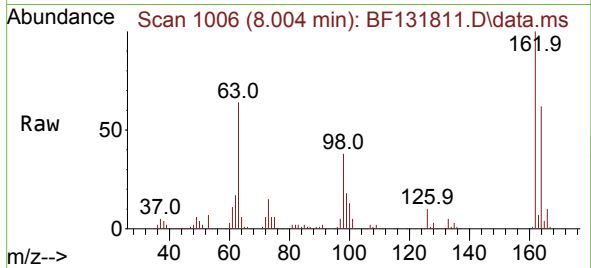
Tgt Ion:162 Resp: 136910

Ion Ratio Lower Upper

162 100

164 61.6 42.9 82.9

98 38.4 21.9 61.9



#30

1,2,4-Trichlorobenzene

Concen: 40.392 ng

RT: 8.081 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF131811.D

Acq: 23 Dec 2022 17:47

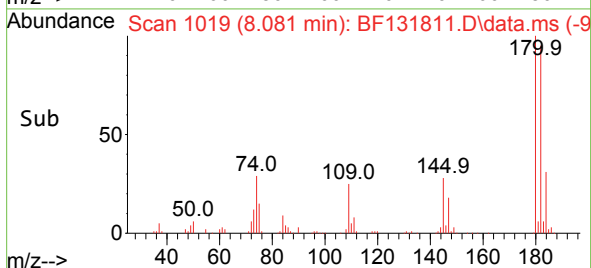
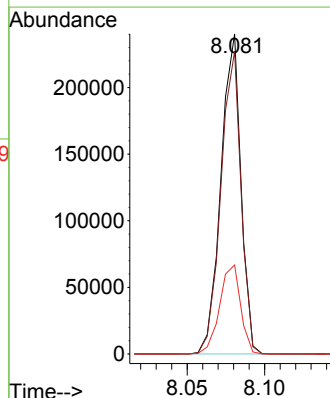
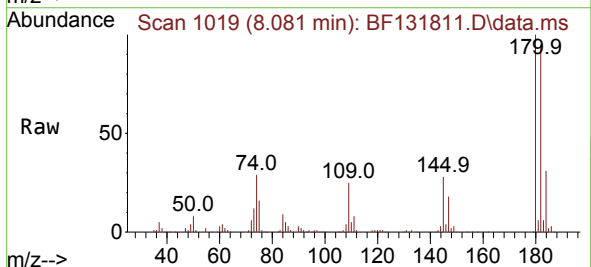
Tgt Ion:180 Resp: 215526

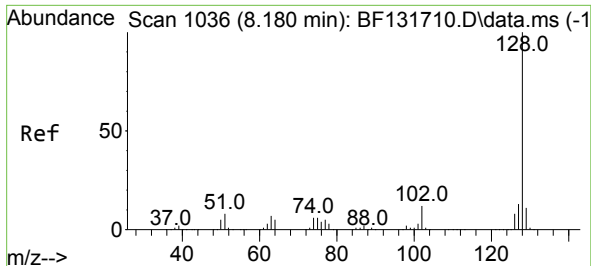
Ion Ratio Lower Upper

180 100

182 94.6 76.1 114.1

145 27.8 23.4 35.0

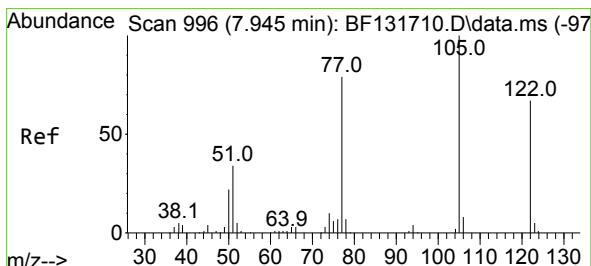
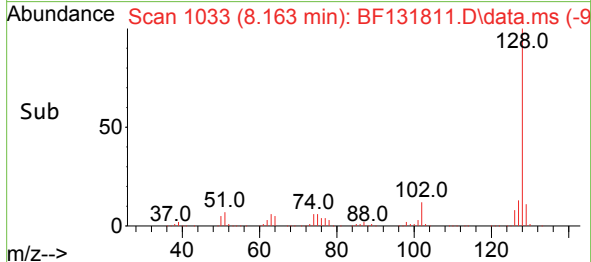
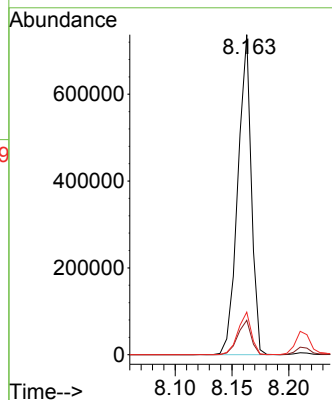
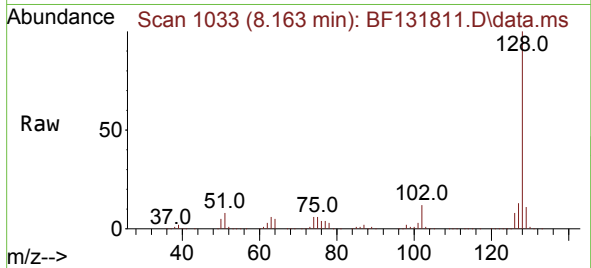




#31
Naphthalene
Concen: 41.174 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF131811.D
Acq: 23 Dec 2022 17:47

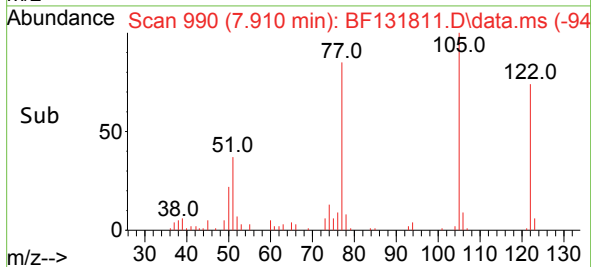
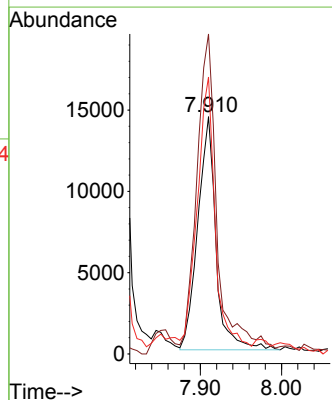
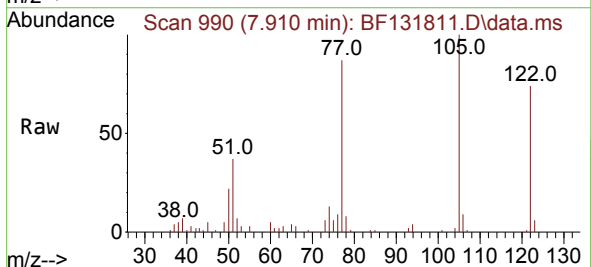
Instrument :
BNA_F
ClientSampleId :
SP-591MS

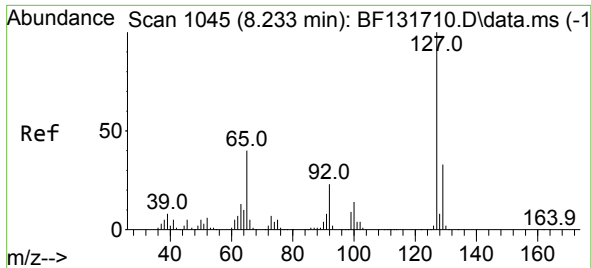
Tgt Ion:128 Resp: 606514
Ion Ratio Lower Upper
128 100
129 10.8 8.9 13.3
127 13.3 10.6 15.8



#32
Benzoic acid
Concen: 7.437 ng
RT: 7.910 min Scan# 990
Delta R.T. -0.035 min
Lab File: BF131811.D
Acq: 23 Dec 2022 17:47

Tgt Ion:122 Resp: 22381
Ion Ratio Lower Upper
122 100
105 134.9 125.1 165.1
77 116.7 95.3 135.3

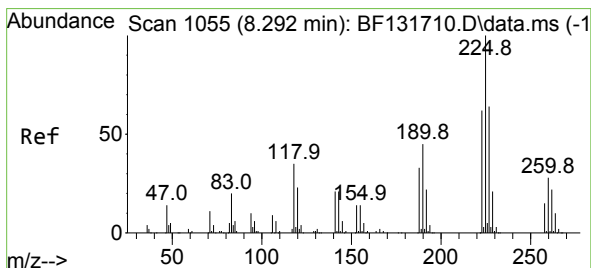
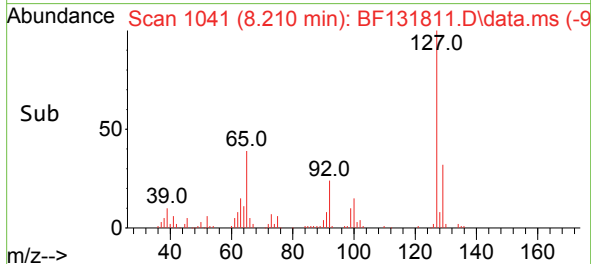
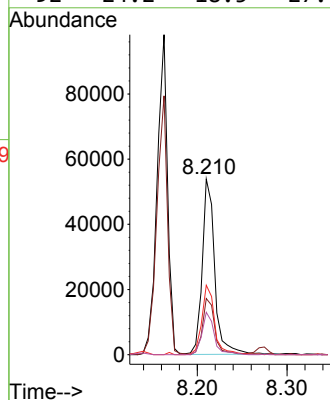
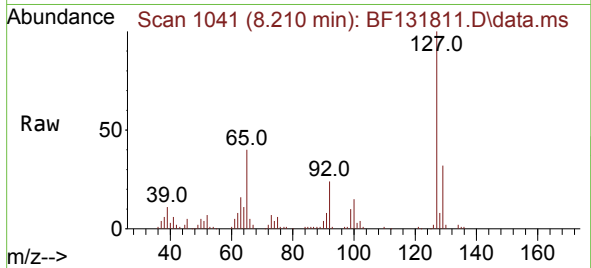




#33
4-Chloroaniline
Concen: 9.081 ng
RT: 8.210 min Scan# 1041
Delta R.T. -0.012 min
Lab File: BF131811.D
Acq: 23 Dec 2022 17:47

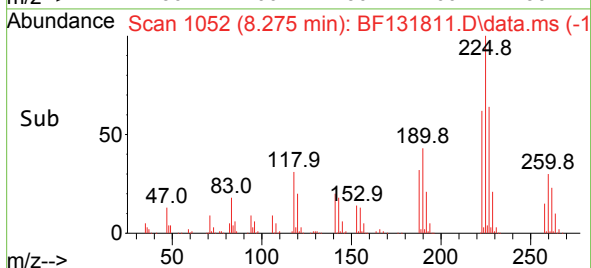
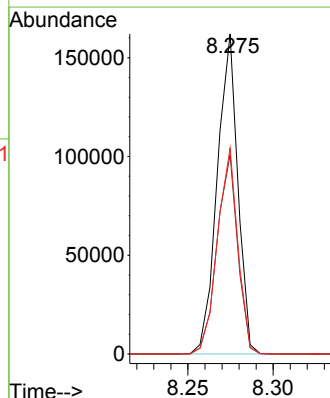
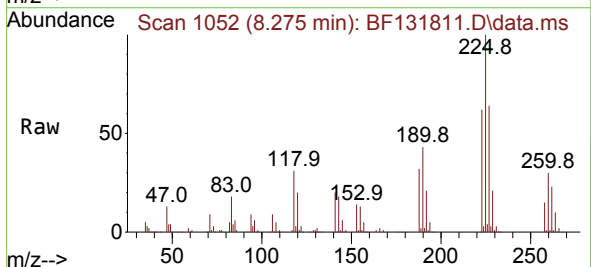
Instrument :
BNA_F
ClientSampleId :
SP-591MS

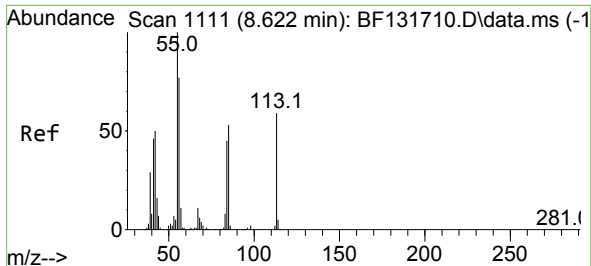
Tgt Ion:127	Resp:	52170
Ion	Ratio	Lower Upper
127	100	
129	32.0	26.1 39.1
65	39.6	31.8 47.6
92	24.2	18.5 27.7



#34
Hexachlorobutadiene
Concen: 37.849 ng
RT: 8.275 min Scan# 1052
Delta R.T. 0.000 min
Lab File: BF131811.D
Acq: 23 Dec 2022 17:47

Tgt Ion:225	Resp:	135877
Ion	Ratio	Lower Upper
225	100	
223	62.2	49.5 74.3
227	64.4	51.0 76.4

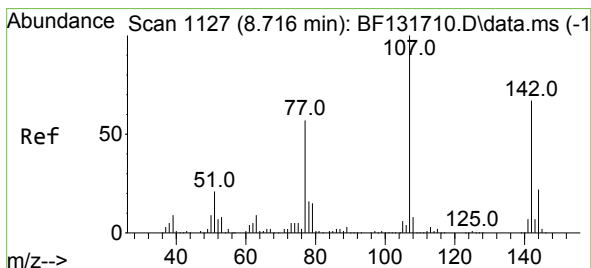
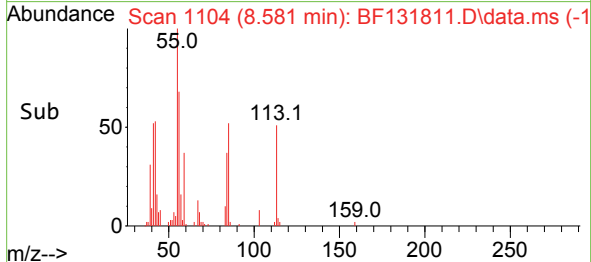
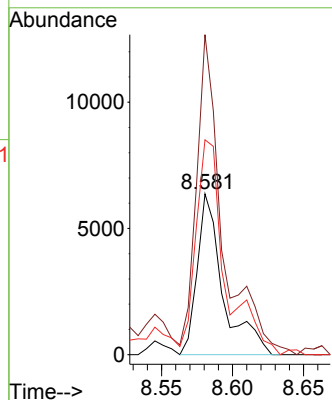
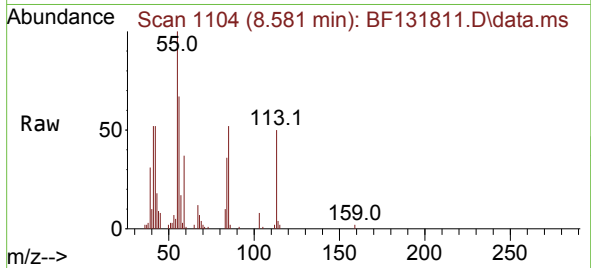




#35
 Caprolactam
 Concen: 5.875 ng
 RT: 8.581 min Scan# 1104
 Delta R.T. -0.035 min
 Lab File: BF131811.D
 Acq: 23 Dec 2022 17:47

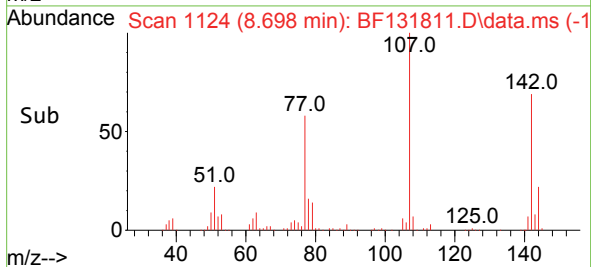
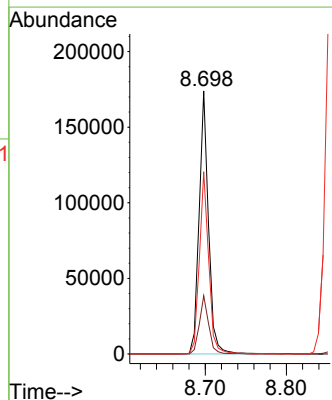
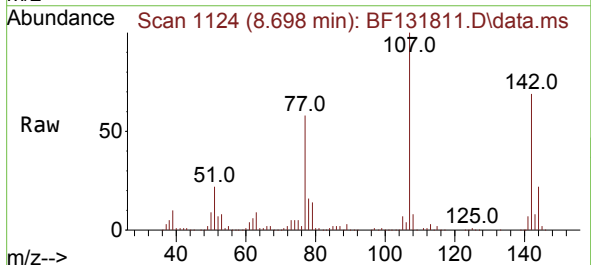
Instrument :
 BNA_F
 ClientSampleId :
 SP-591MS

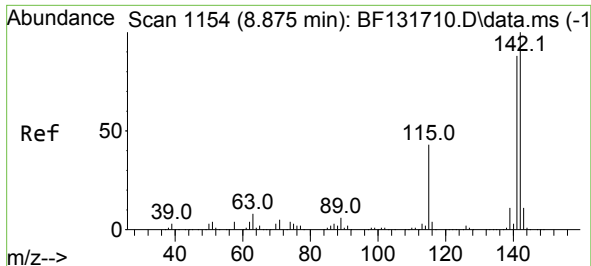
Tgt Ion:113 Resp: 8041
 Ion Ratio Lower Upper
 113 100
 55 199.0 149.0 189.0#
 56 133.6 109.5 149.5



#36
 4-Chloro-3-methylphenol
 Concen: 27.102 ng
 RT: 8.698 min Scan# 1124
 Delta R.T. -0.012 min
 Lab File: BF131811.D
 Acq: 23 Dec 2022 17:47

Tgt Ion:107 Resp: 140522
 Ion Ratio Lower Upper
 107 100
 144 22.1 17.5 26.3
 142 69.2 53.4 80.0

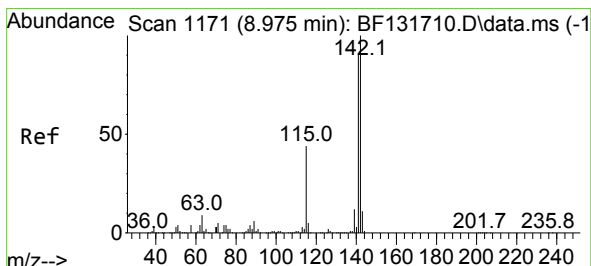
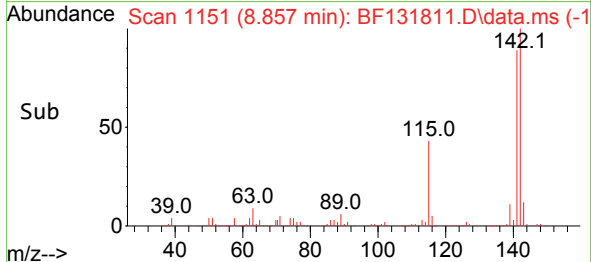
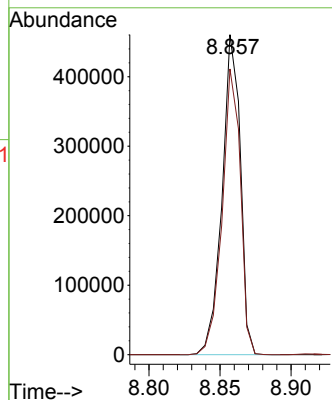
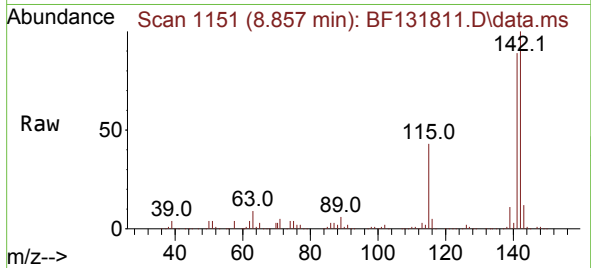




#37
2-Methylnaphthalene
Concen: 40.814 ng
RT: 8.857 min Scan# 1154
Delta R.T. -0.006 min
Lab File: BF131811.D
Acq: 23 Dec 2022 17:47

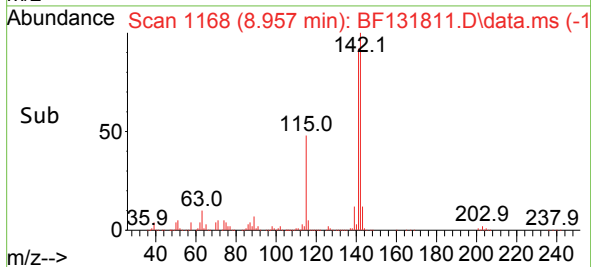
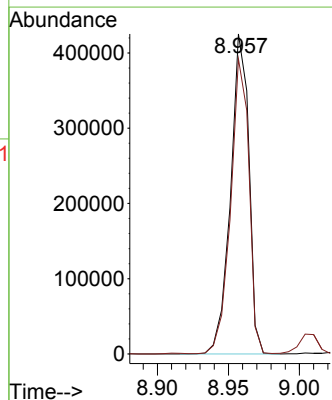
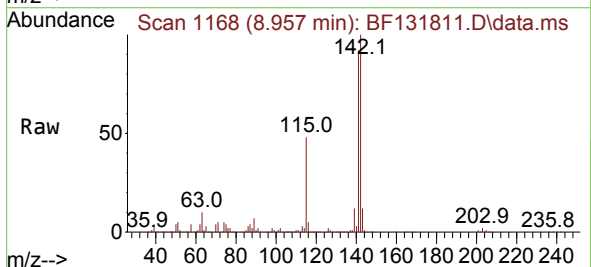
Instrument :
BNA_F
ClientSampleId :
SP-591MS

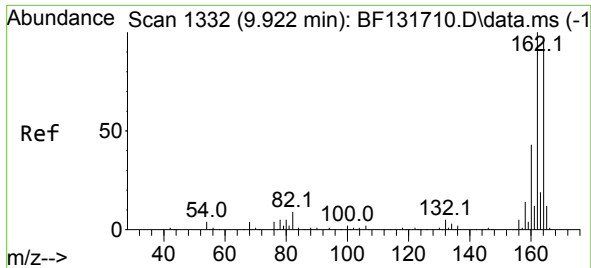
Tgt Ion:142 Resp: 410100
Ion Ratio Lower Upper
142 100
141 89.3 70.4 105.6



#38
1-Methylnaphthalene
Concen: 39.191 ng
RT: 8.957 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF131811.D
Acq: 23 Dec 2022 17:47

Tgt Ion:142 Resp: 381397
Ion Ratio Lower Upper
142 100
141 92.2 73.0 109.6

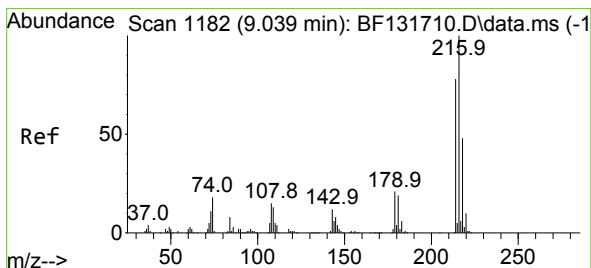
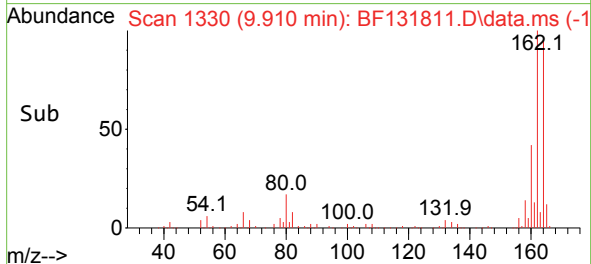
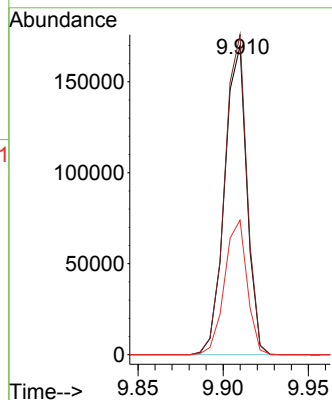
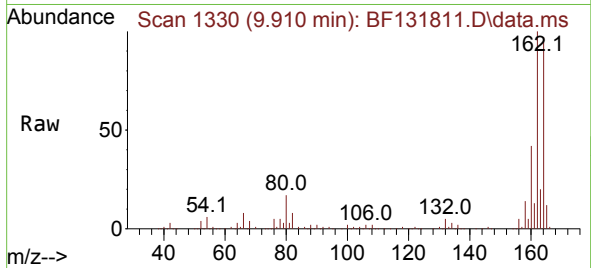




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.910 min Scan# 1179
 Delta R.T. 0.000 min
 Lab File: BF131811.D
 Acq: 23 Dec 2022 17:47

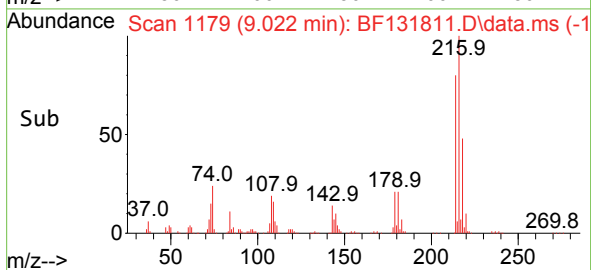
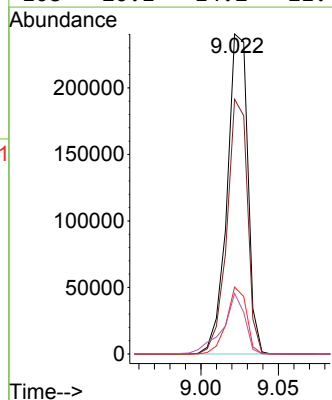
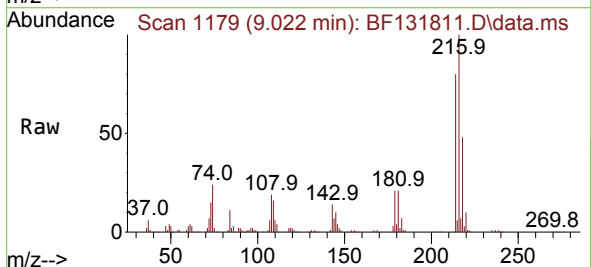
Instrument :
 BNA_F
 ClientSampleId :
 SP-591MS

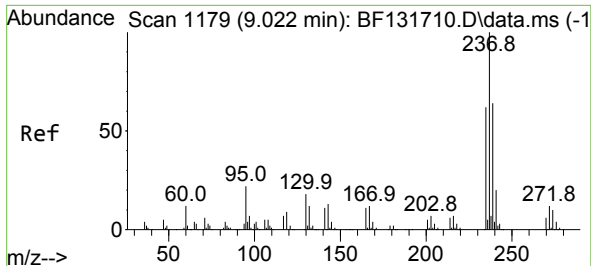
Tgt Ion:164 Resp: 154574
 Ion Ratio Lower Upper
 164 100
 162 103.6 83.7 125.5
 160 43.6 36.2 54.4



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.453 ng
 RT: 9.022 min Scan# 1179
 Delta R.T. -0.006 min
 Lab File: BF131811.D
 Acq: 23 Dec 2022 17:47

Tgt Ion:216 Resp: 224511
 Ion Ratio Lower Upper
 216 100
 214 78.3 62.9 94.3
 179 20.1 16.3 24.5
 108 20.1 14.2 21.4

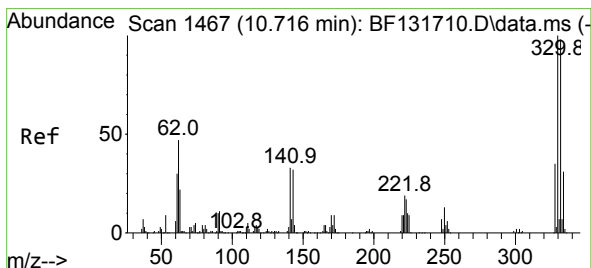
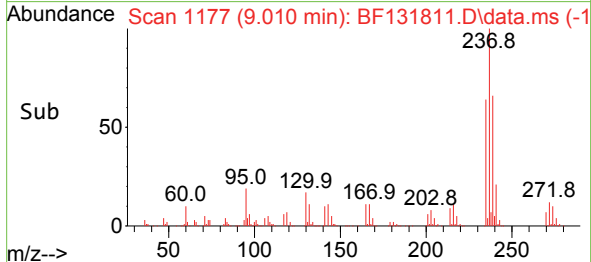
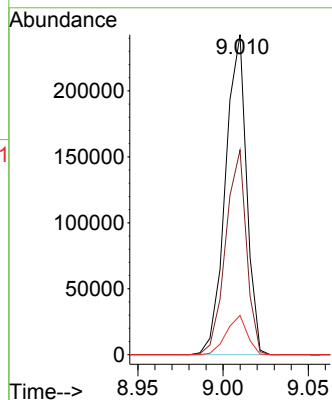
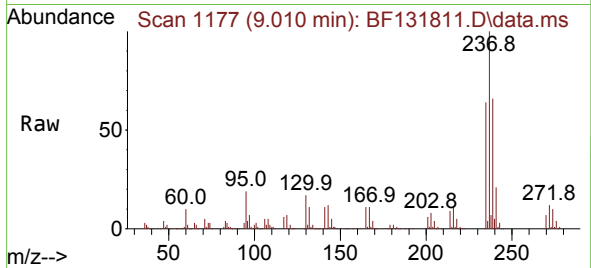




#41
Hexachlorocyclopentadiene
Concen: 87.130 ng
RT: 9.010 min Scan# 1179
Delta R.T. 0.000 min
Lab File: BF131811.D
Acq: 23 Dec 2022 17:47

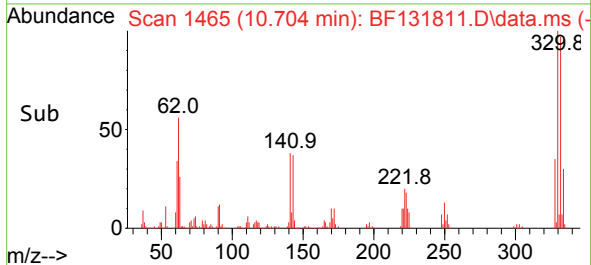
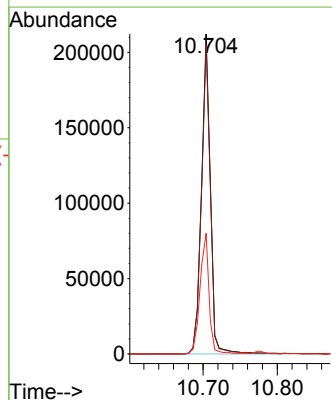
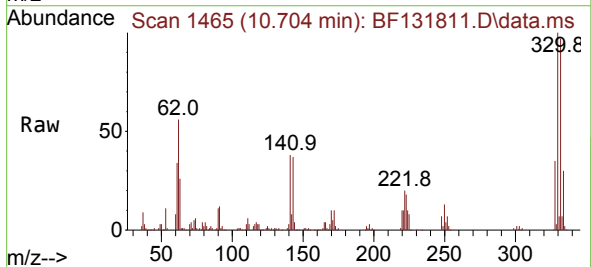
Instrument :
BNA_F
ClientSampleId :
SP-591MS

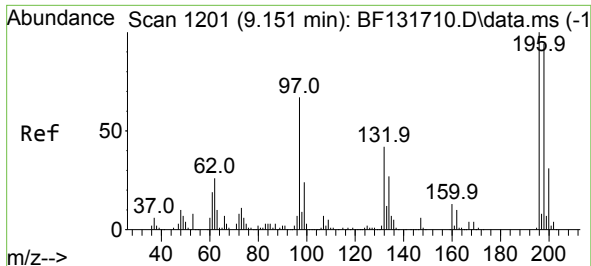
Tgt Ion:237 Resp: 208759
Ion Ratio Lower Upper
237 100
235 63.9 42.2 82.2
272 12.2 0.0 31.7



#42
2,4,6-Tribromophenol
Concen: 105.152 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF131811.D
Acq: 23 Dec 2022 17:47

Tgt Ion:330 Resp: 177904
Ion Ratio Lower Upper
330 100
332 96.8 77.1 115.7
141 38.2 30.4 45.6





#43

2,4,6-Trichlorophenol

Concen: 33.488 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF131811.D

Acq: 23 Dec 2022 17:47

Instrument :

BNA_F

ClientSampleId :

SP-591MS

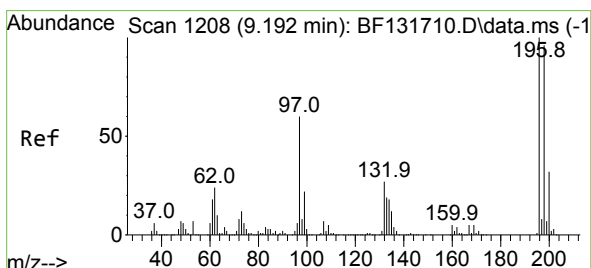
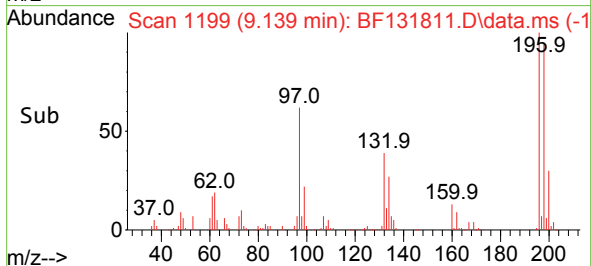
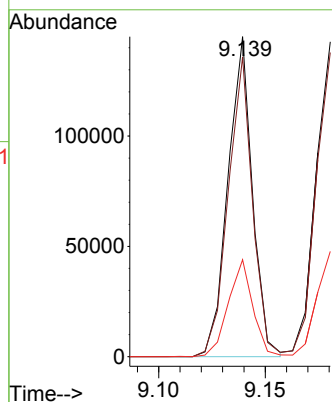
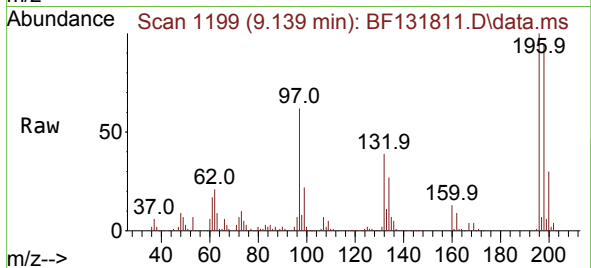
Tgt Ion:196 Resp: 115687

Ion Ratio Lower Upper

196 100

198 93.7 75.5 113.3

200 30.3 25.2 37.8



#44

2,4,5-Trichlorophenol

Concen: 32.997 ng

RT: 9.181 min Scan# 1206

Delta R.T. -0.006 min

Lab File: BF131811.D

Acq: 23 Dec 2022 17:47

Tgt Ion:196 Resp: 123403

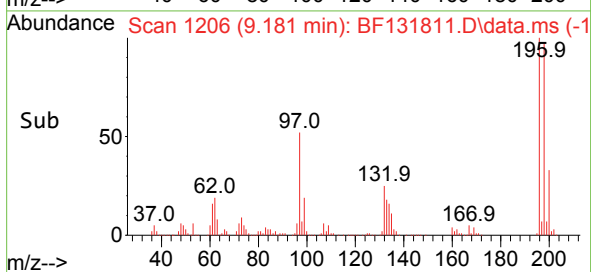
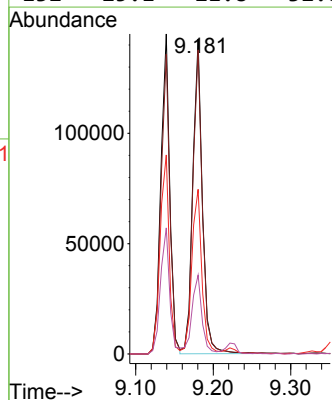
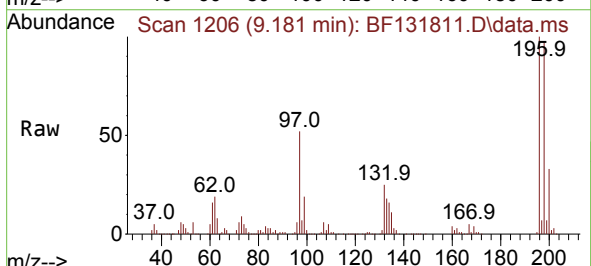
Ion Ratio Lower Upper

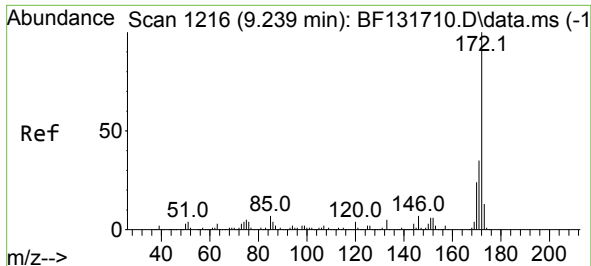
196 100

198 96.6 76.6 114.8

97 52.3 47.7 71.5

132 25.1 21.8 32.8

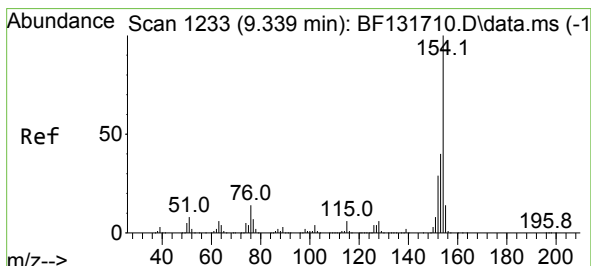
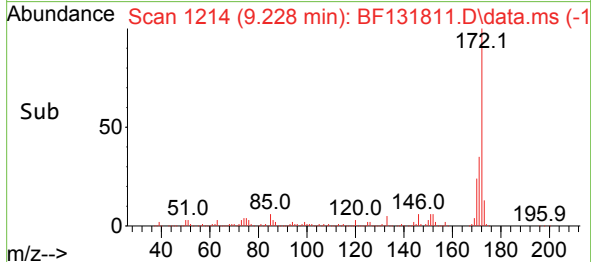
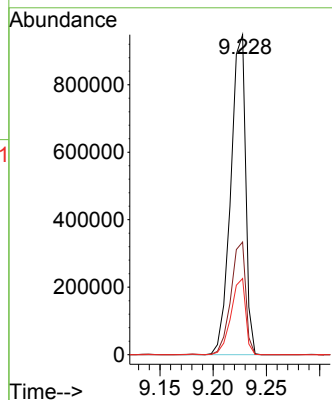
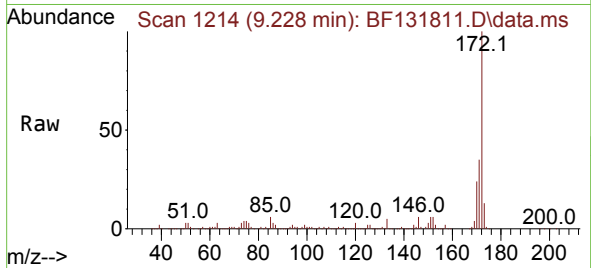




#45
2-Fluorobiphenyl
Concen: 83.256 ng
RT: 9.228 min Scan# 1214
Delta R.T. 0.000 min
Lab File: BF131811.D
Acq: 23 Dec 2022 17:47

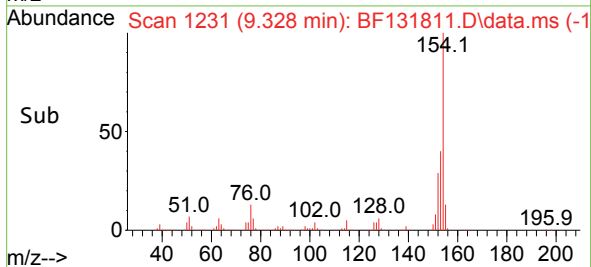
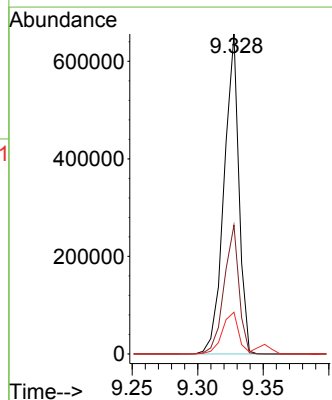
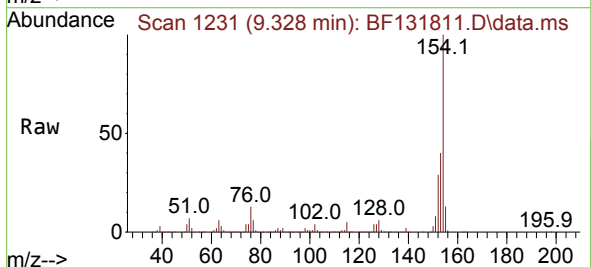
Instrument :
BNA_F
ClientSampleId :
SP-591MS

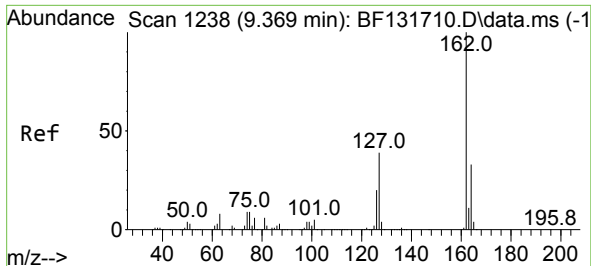
Tgt Ion:172 Resp: 918690
Ion Ratio Lower Upper
172 100
171 35.2 27.9 41.9
170 23.8 19.0 28.4



#46
1,1'-Biphenyl
Concen: 44.303 ng
RT: 9.328 min Scan# 1231
Delta R.T. -0.006 min
Lab File: BF131811.D
Acq: 23 Dec 2022 17:47

Tgt Ion:154 Resp: 515105
Ion Ratio Lower Upper
154 100
153 40.2 20.1 60.1
76 13.1 0.0 33.6

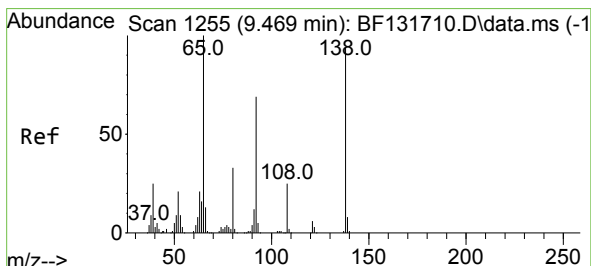
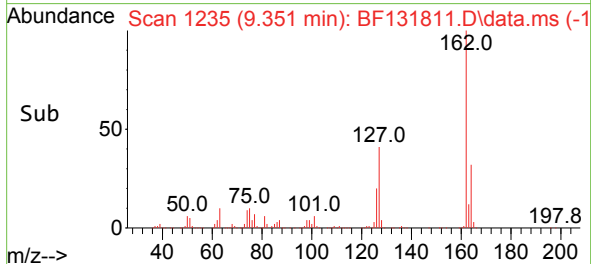
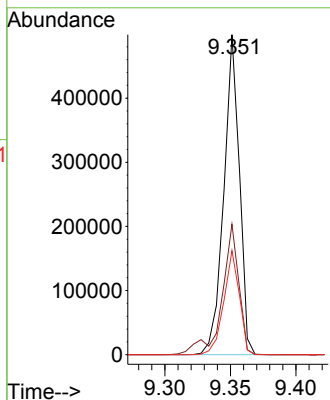
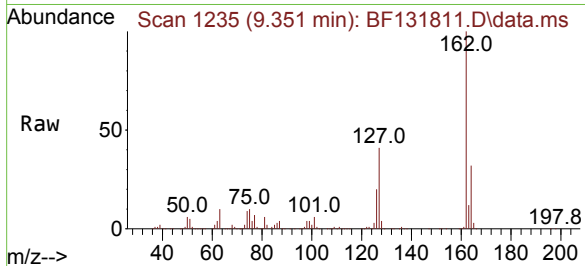




#47
2-Chloronaphthalene
Concen: 43.175 ng
RT: 9.351 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131811.D
Acq: 23 Dec 2022 17:47

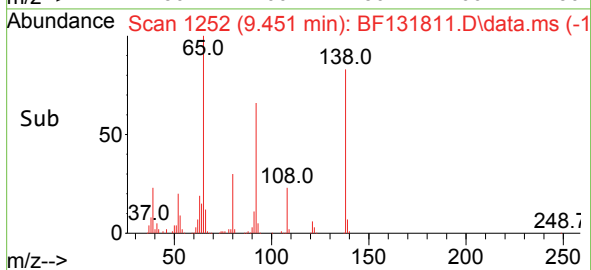
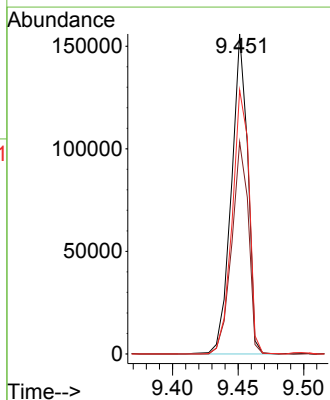
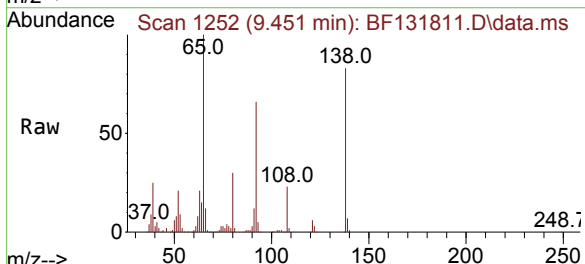
Instrument :
BNA_F
ClientSampleId :
SP-591MS

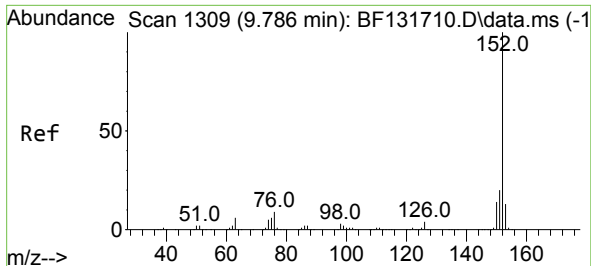
Tgt Ion:162 Resp: 411054
Ion Ratio Lower Upper
162 100
127 40.8 31.4 47.2
164 32.5 26.6 39.8



#48
2-Nitroaniline
Concen: 39.408 ng
RT: 9.451 min Scan# 1252
Delta R.T. -0.006 min
Lab File: BF131811.D
Acq: 23 Dec 2022 17:47

Tgt Ion: 65 Resp: 135230
Ion Ratio Lower Upper
65 100
92 66.2 55.5 83.3
138 82.5 74.8 112.2

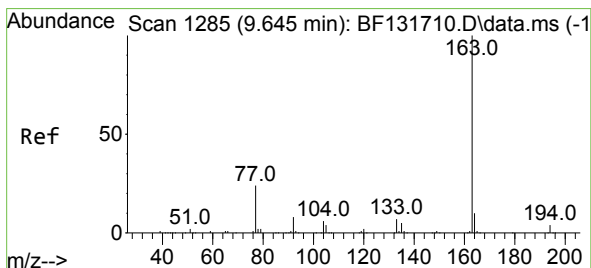
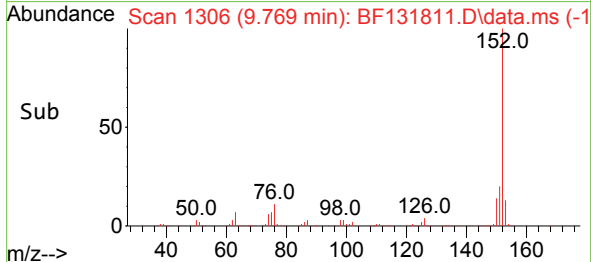
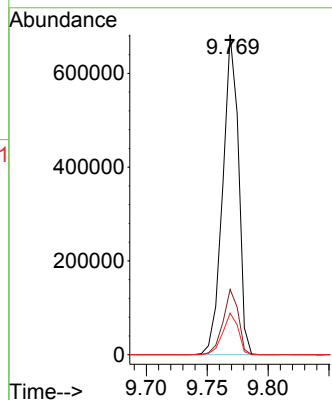
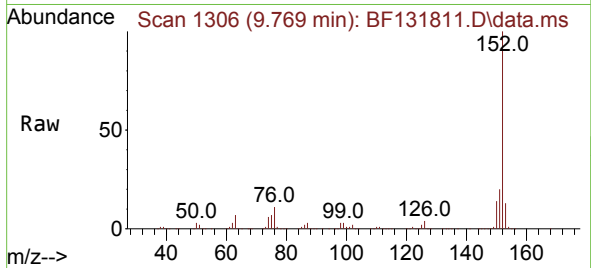




#49
Acenaphthylene
Concen: 43.103 ng
RT: 9.769 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131811.D
Acq: 23 Dec 2022 17:47

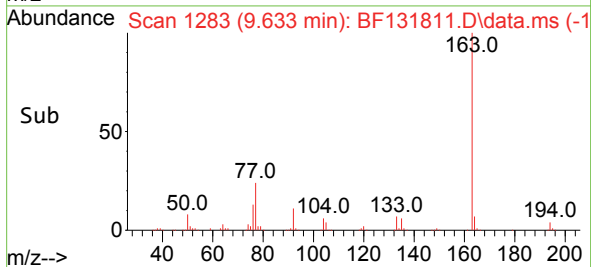
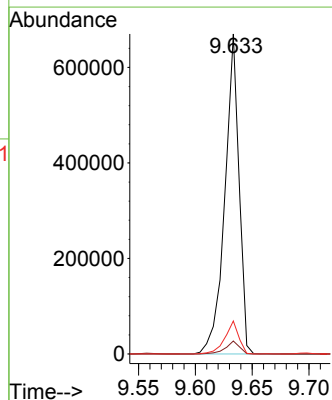
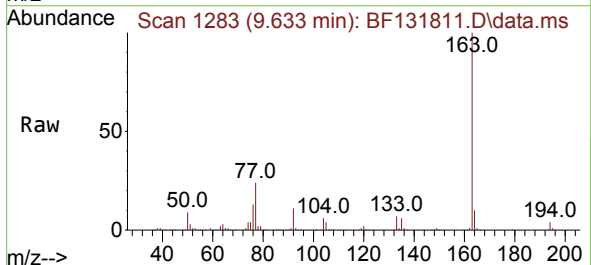
Instrument :
BNA_F
ClientSampleId :
SP-591MS

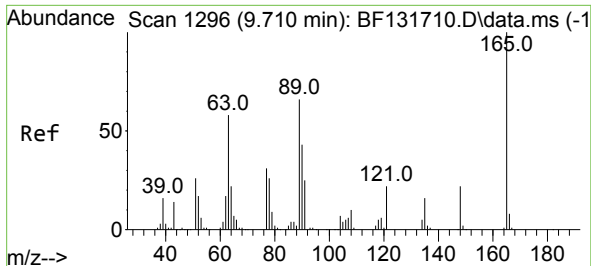
Tgt Ion:152 Resp: 615506
Ion Ratio Lower Upper
152 100
151 20.4 15.8 23.8
153 13.0 10.6 15.8



#50
Dimethylphthalate
Concen: 50.083 ng
RT: 9.633 min Scan# 1283
Delta R.T. -0.006 min
Lab File: BF131811.D
Acq: 23 Dec 2022 17:47

Tgt Ion:163 Resp: 582514
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.3 8.2 12.4

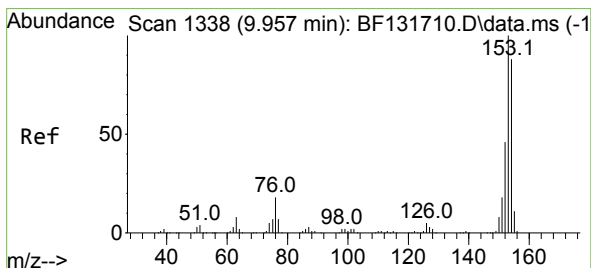
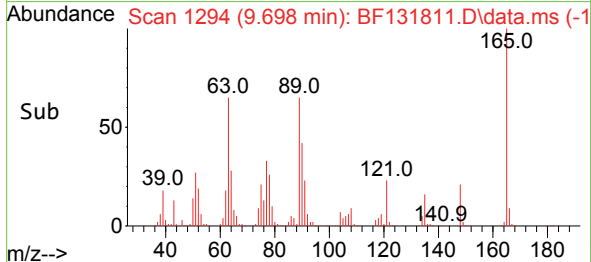
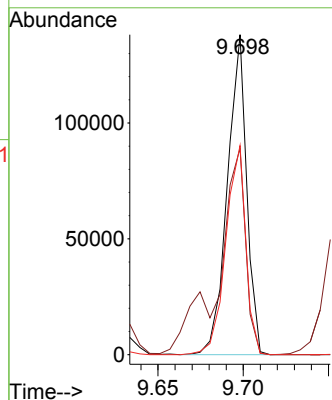
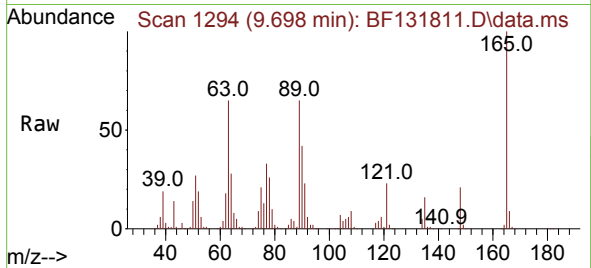




#51
2,6-Dinitrotoluene
Concen: 43.476 ng
RT: 9.698 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BF131811.D
Acq: 23 Dec 2022 17:47

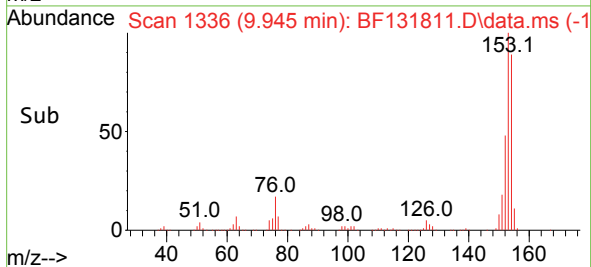
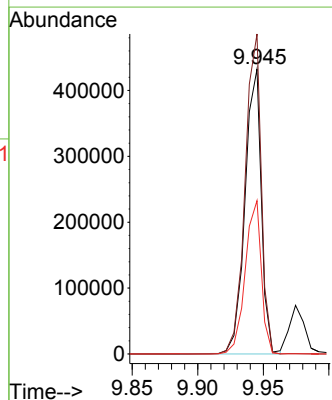
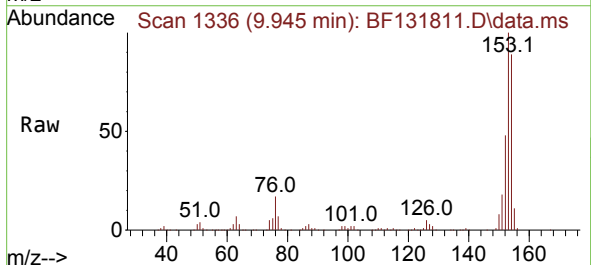
Instrument :
BNA_F
ClientSampleId :
SP-591MS

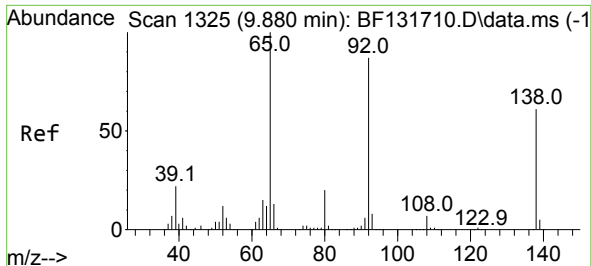
Tgt Ion:165 Resp: 108731
Ion Ratio Lower Upper
165 100
63 64.5 51.8 77.8
89 65.4 53.2 79.8



#52
Acenaphthene
Concen: 42.988 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BF131811.D
Acq: 23 Dec 2022 17:47

Tgt Ion:154 Resp: 376052
Ion Ratio Lower Upper
154 100
153 112.4 90.4 135.6
152 53.8 42.0 63.0

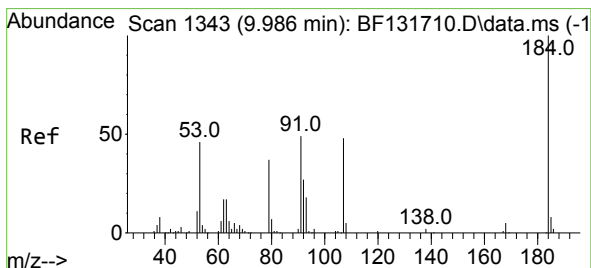
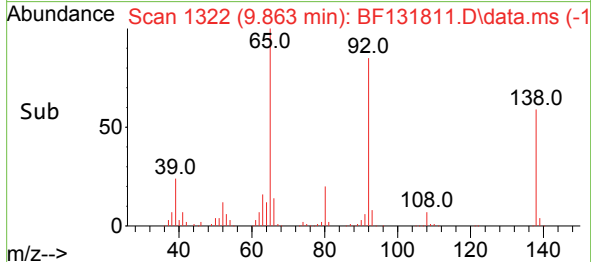
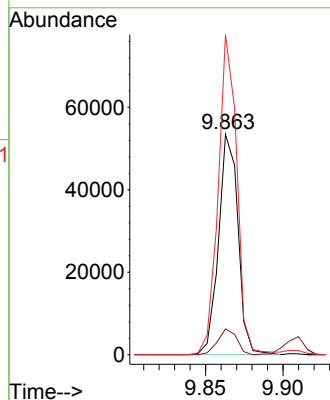
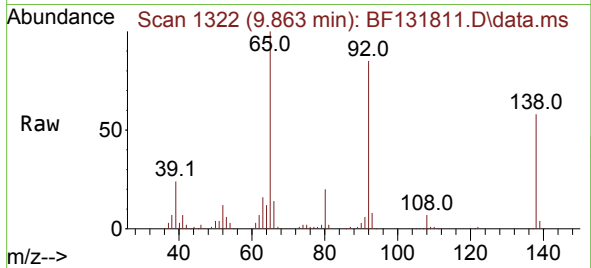




#53
3-Nitroaniline
Concen: 18.220 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF131811.D
Acq: 23 Dec 2022 17:47

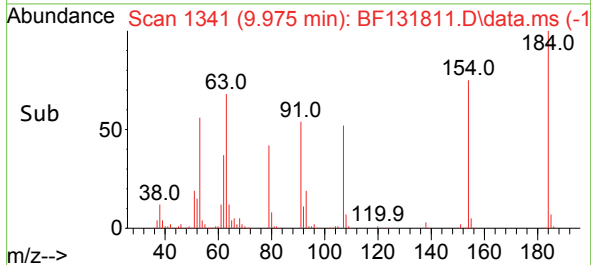
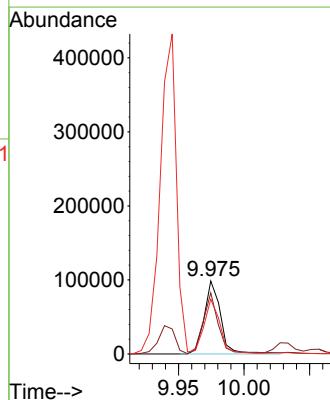
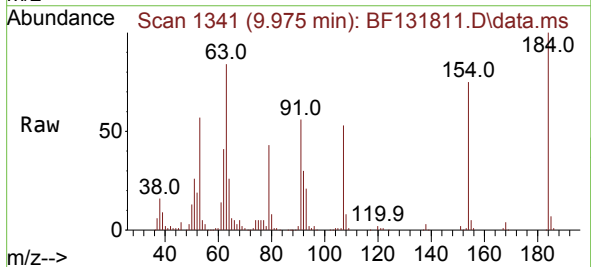
Instrument :
BNA_F
ClientSampleId :
SP-591MS

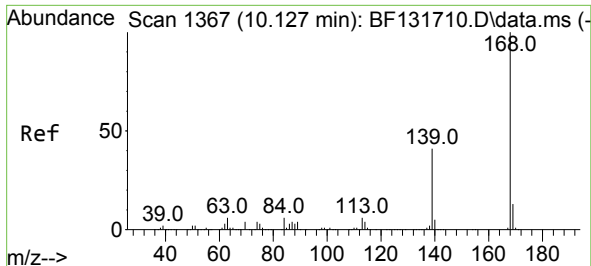
Tgt Ion:138 Resp: 46625
Ion Ratio Lower Upper
138 100
108 11.7 9.2 13.8
92 145.2 114.6 171.8



#54
2,4-Dinitrophenol
Concen: 57.734 ng
RT: 9.975 min Scan# 1341
Delta R.T. -0.006 min
Lab File: BF131811.D
Acq: 23 Dec 2022 17:47

Tgt Ion:184 Resp: 86516
Ion Ratio Lower Upper
184 100
63 83.7 55.8 83.8
154 75.0 57.1 85.7

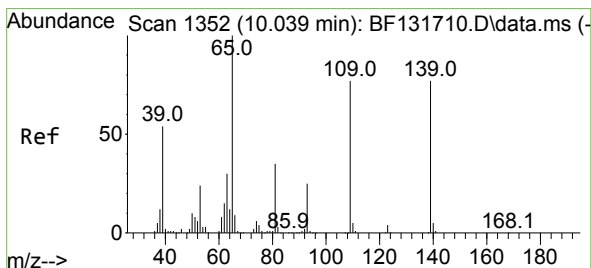
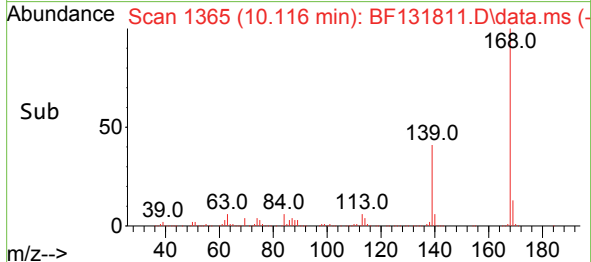
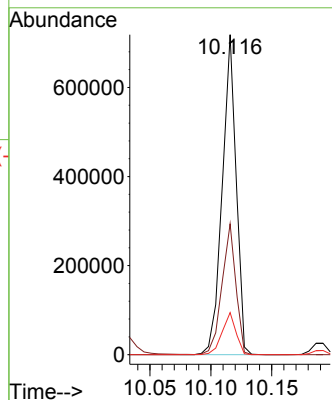
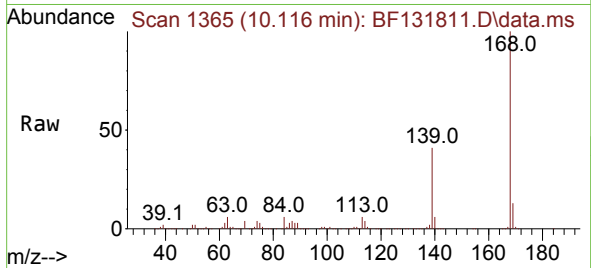




#55
Dibenzenofuran
Concen: 42.700 ng
RT: 10.116 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131811.D
Acq: 23 Dec 2022 17:47

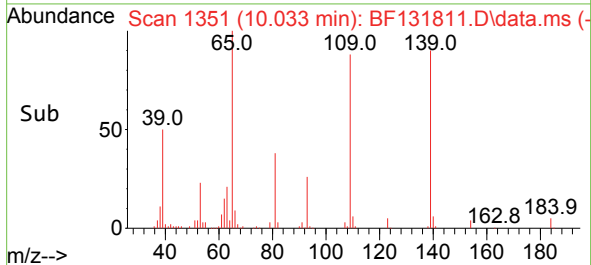
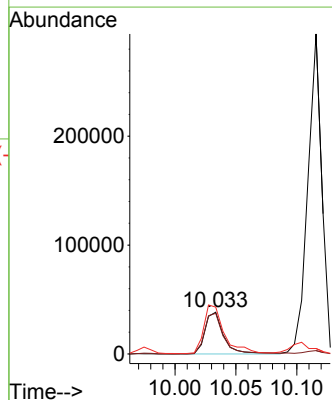
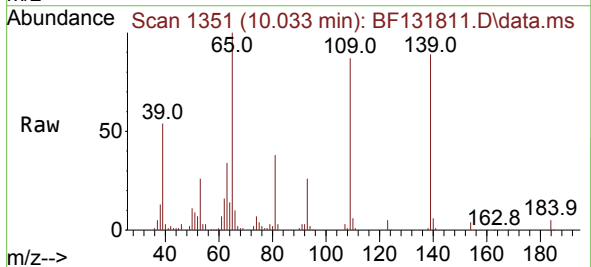
Instrument :
BNA_F
ClientSampleId :
SP-591MS

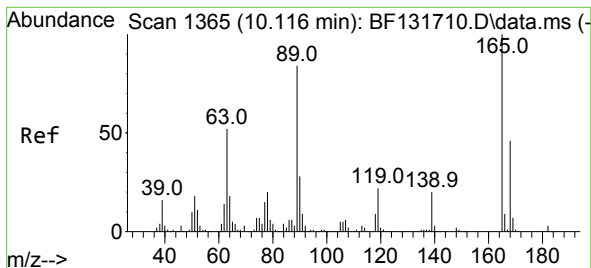
Tgt Ion:168 Resp: 572786
Ion Ratio Lower Upper
168 100
139 40.9 32.7 49.1
169 13.1 10.6 16.0



#56
4-Nitrophenol
Concen: 22.288 ng
RT: 10.033 min Scan# 1351
Delta R.T. -0.006 min
Lab File: BF131811.D
Acq: 23 Dec 2022 17:47

Tgt Ion:139 Resp: 40821
Ion Ratio Lower Upper
139 100
109 97.3 79.9 119.9
65 112.1 110.2 150.2

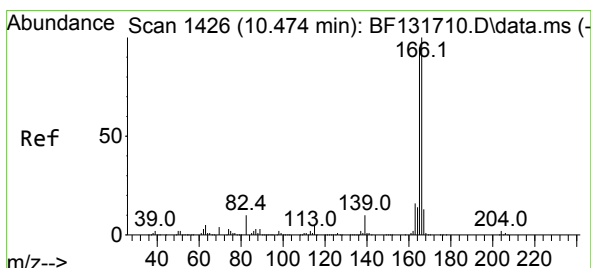
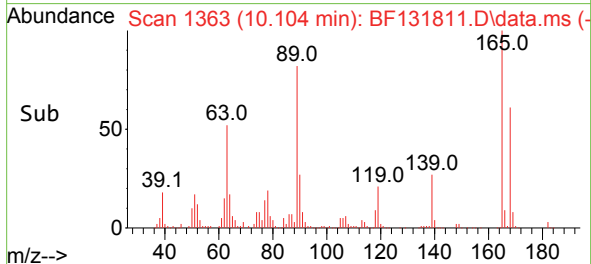
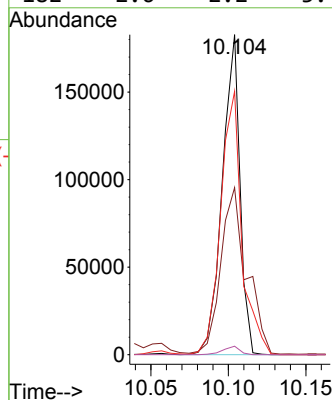
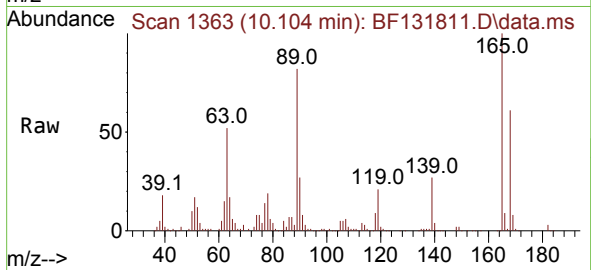




#57
2,4-Dinitrotoluene
Concen: 43.105 ng
RT: 10.104 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131811.D
Acq: 23 Dec 2022 17:47

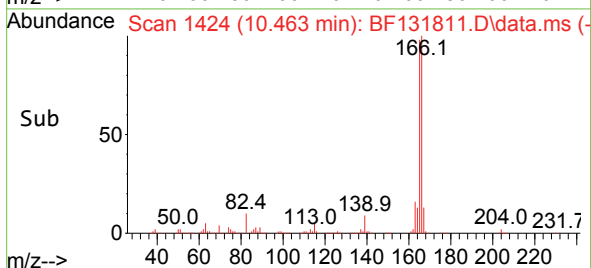
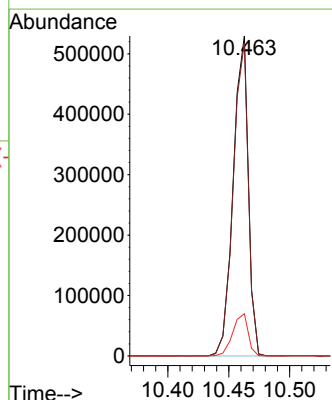
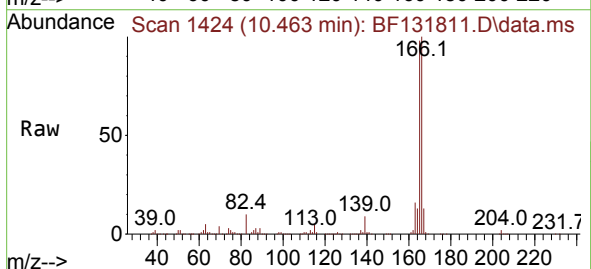
Instrument :
BNA_F
ClientSampleId :
SP-591MS

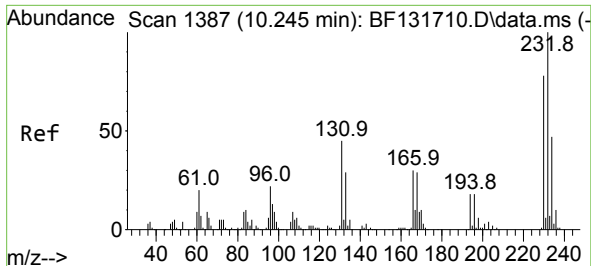
Tgt Ion:165 Resp: 144859
Ion Ratio Lower Upper
165 100
63 52.2 41.5 62.3
89 82.3 67.0 100.4
182 2.6 2.2 3.4



#58
Fluorene
Concen: 41.923 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF131811.D
Acq: 23 Dec 2022 17:47

Tgt Ion:166 Resp: 454673
Ion Ratio Lower Upper
166 100
165 97.9 75.8 113.8
167 13.2 10.6 15.8

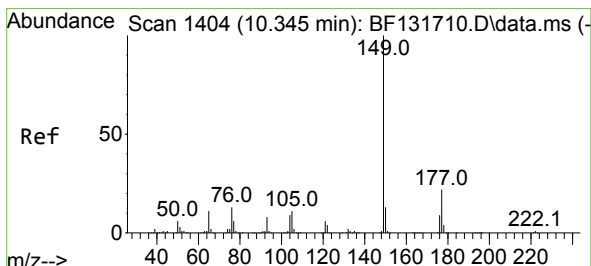
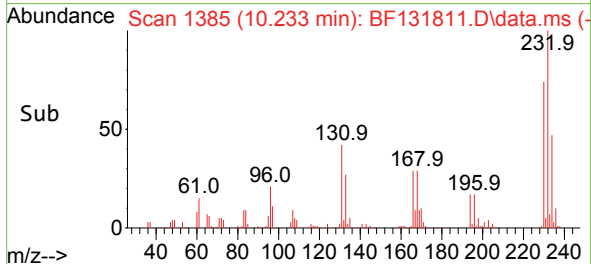
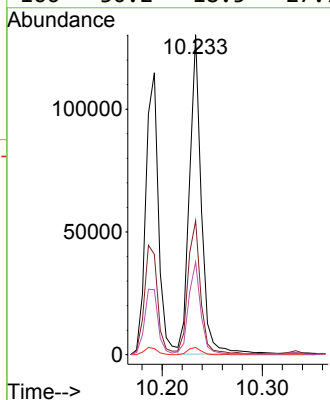
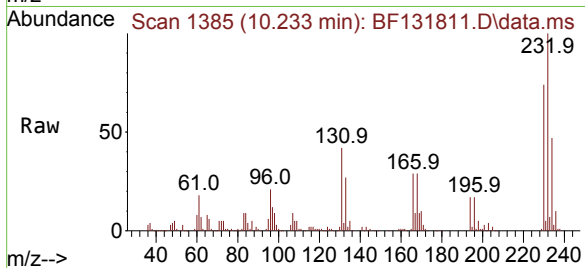




#59
2,3,4,6-Tetrachlorophenol
Concen: 33.983 ng
RT: 10.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131811.D
Acq: 23 Dec 2022 17:47

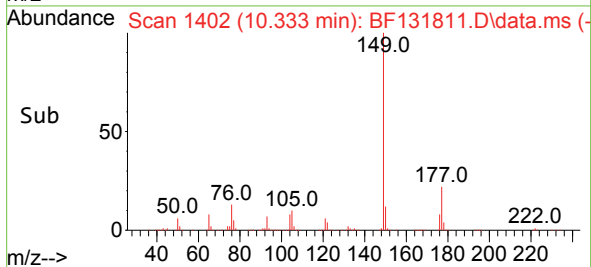
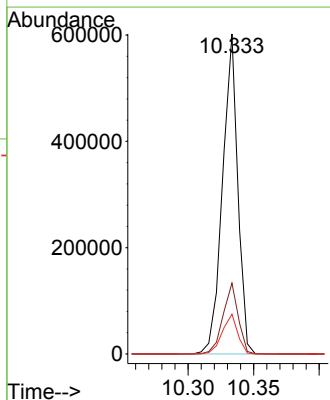
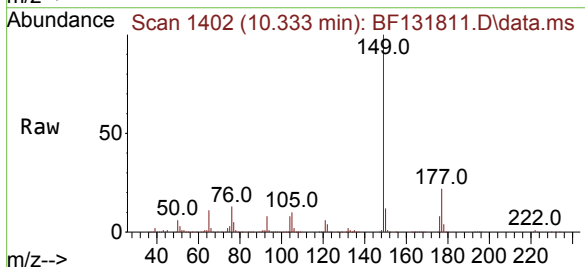
Instrument :
BNA_F
ClientSampleId :
SP-591MS

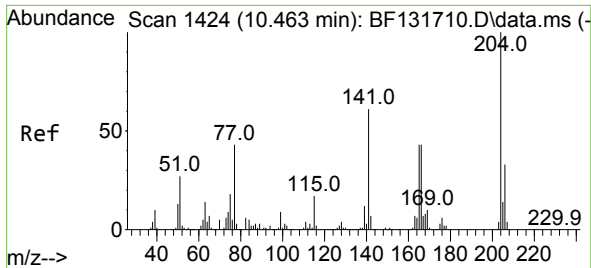
Tgt Ion:232 Resp: 106100
Ion Ratio Lower Upper
232 100
131 44.6 29.9 44.9
130 2.5 1.7 2.5
166 30.2 18.5 27.7#



#60
Diethylphthalate
Concen: 43.387 ng
RT: 10.333 min Scan# 1402
Delta R.T. -0.006 min
Lab File: BF131811.D
Acq: 23 Dec 2022 17:47

Tgt Ion:149 Resp: 486238
Ion Ratio Lower Upper
149 100
177 22.1 17.4 26.0
150 12.4 10.2 15.2

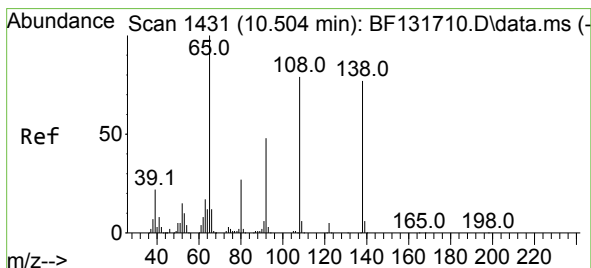
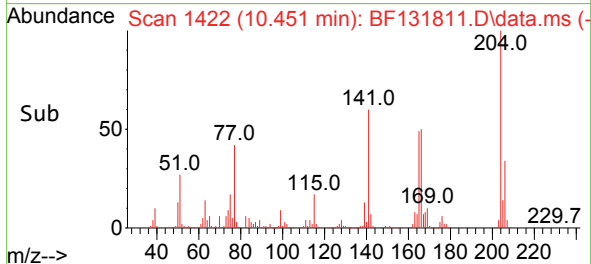
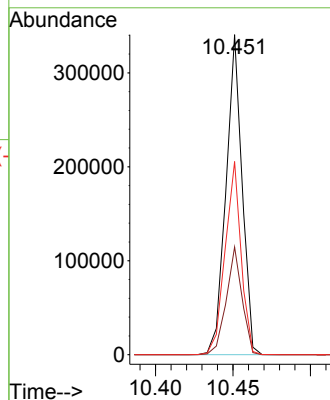
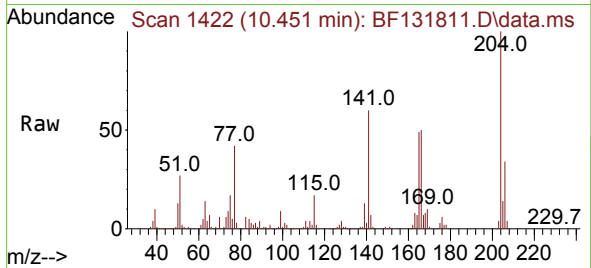




#61
4-Chlorophenyl-phenylether
Concen: 42.682 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF131811.D
Acq: 23 Dec 2022 17:47

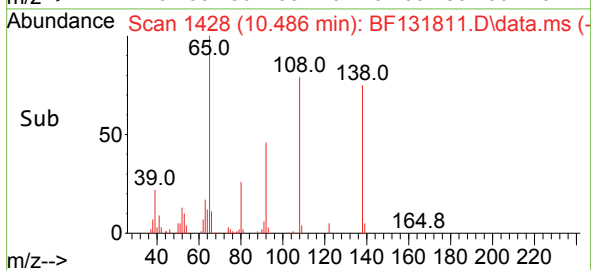
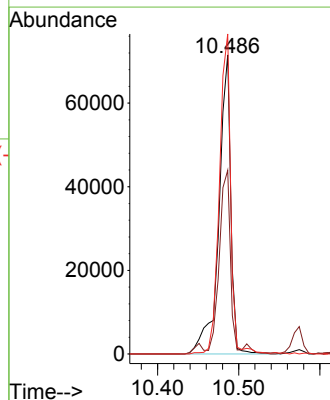
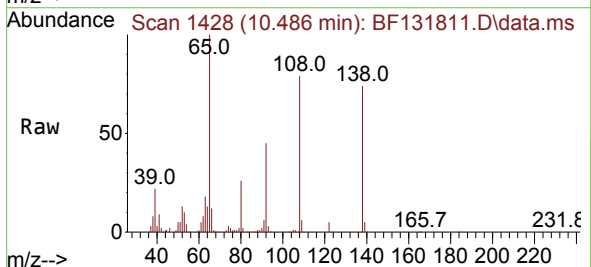
Instrument :
BNA_F
ClientSampleId :
SP-591MS

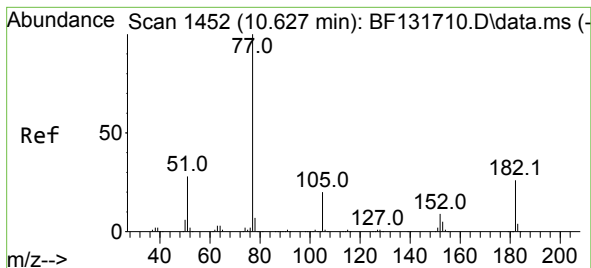
Tgt Ion:204 Resp: 246030
Ion Ratio Lower Upper
204 100
206 33.6 26.6 40.0
141 60.3 48.6 72.8



#62
4-Nitroaniline
Concen: 28.527 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.012 min
Lab File: BF131811.D
Acq: 23 Dec 2022 17:47

Tgt Ion:138 Resp: 73468
Ion Ratio Lower Upper
138 100
92 61.4 42.1 82.1
108 107.0 83.1 123.1





#63

Azobenzene

Concen: 42.532 ng

RT: 10.616 min Scan# 1450

Delta R.T. 0.000 min

Lab File: BF131811.D

Acq: 23 Dec 2022 17:47

Instrument :

BNA_F

ClientSampleId :

SP-591MS

Tgt Ion: 77 Resp: 523444

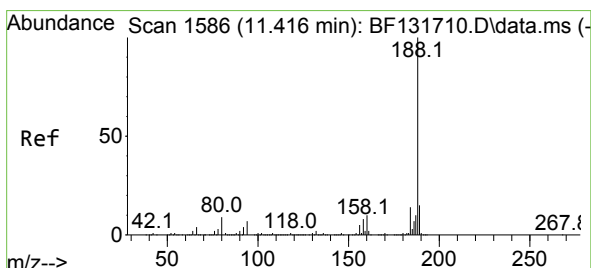
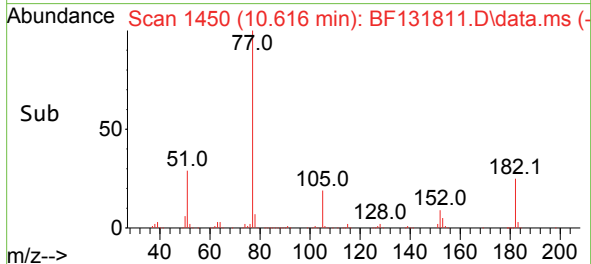
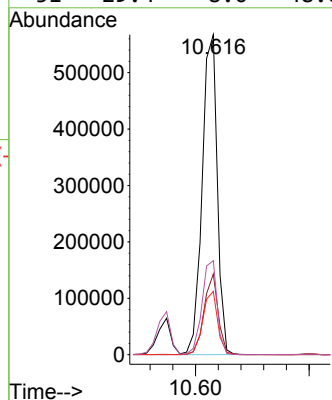
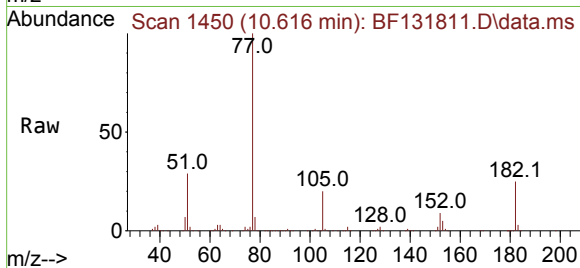
Ion Ratio Lower Upper

77 100

182 25.2 5.8 45.8

105 19.8 0.0 39.7

51 29.4 8.0 48.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1584

Delta R.T. -0.006 min

Lab File: BF131811.D

Acq: 23 Dec 2022 17:47

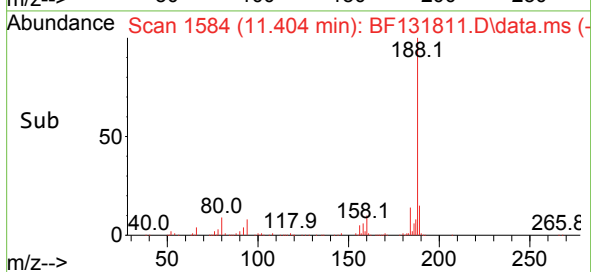
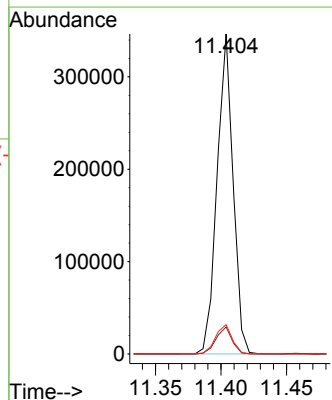
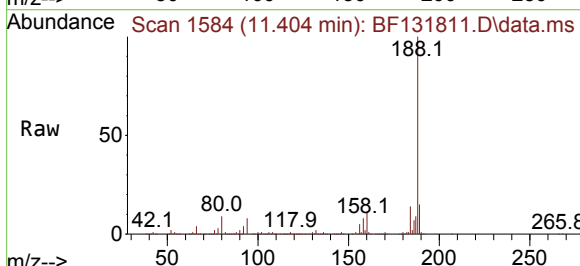
Tgt Ion: 188 Resp: 293556

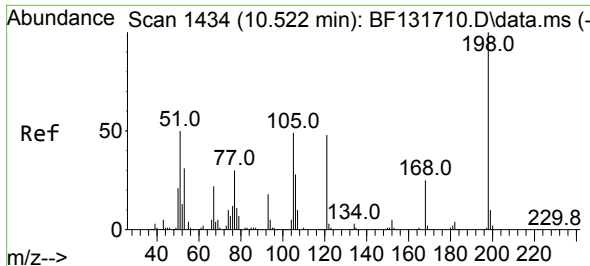
Ion Ratio Lower Upper

188 100

94 8.4 5.9 8.9

80 9.1 7.0 10.6

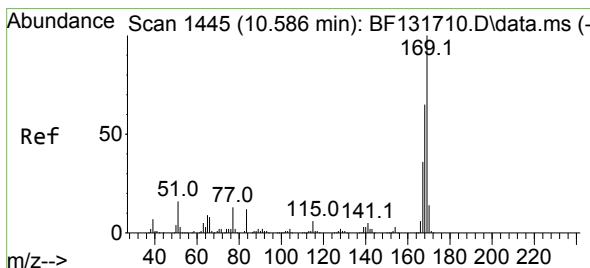
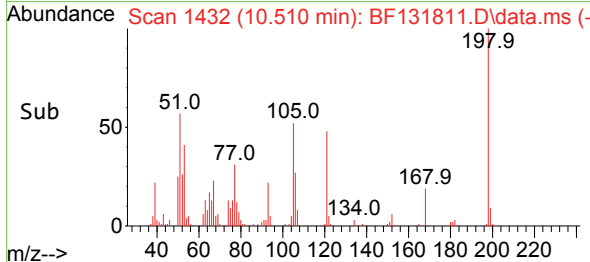
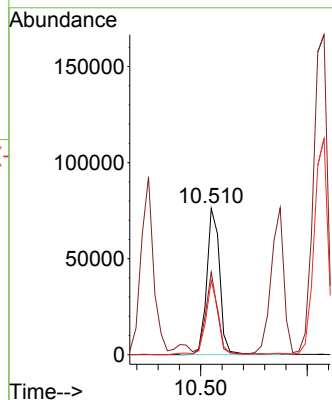
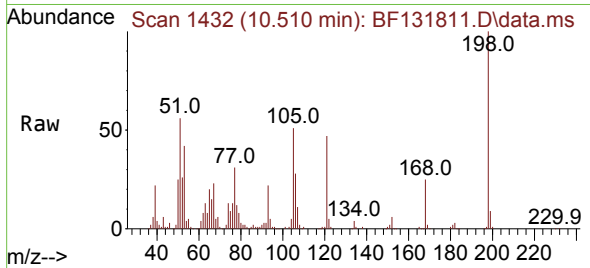




#65
4,6-Dinitro-2-methylphenol
Concen: 32.073 ng
RT: 10.510 min Scan# 1434
Delta R.T. -0.012 min
Lab File: BF131811.D
Acq: 23 Dec 2022 17:47

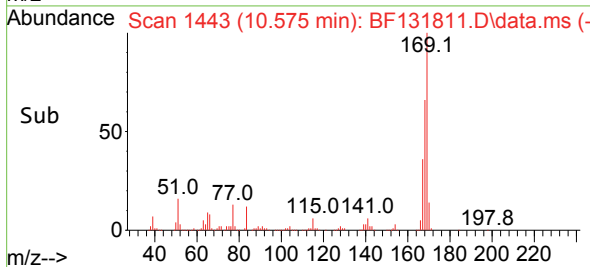
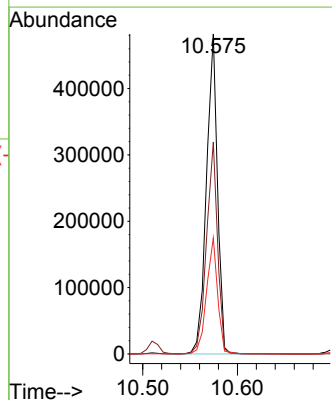
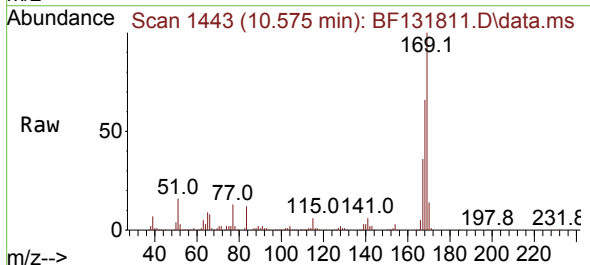
Instrument :
BNA_F
ClientSampleId :
SP-591MS

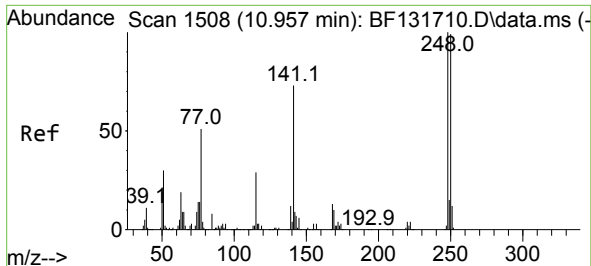
Tgt Ion:198 Resp: 64642
Ion Ratio Lower Upper
198 100
51 56.5 34.1 74.1
105 50.7 29.7 69.7



#66
n-Nitrosodiphenylamine
Concen: 42.935 ng
RT: 10.575 min Scan# 1443
Delta R.T. -0.006 min
Lab File: BF131811.D
Acq: 23 Dec 2022 17:47

Tgt Ion:169 Resp: 390861
Ion Ratio Lower Upper
169 100
168 66.3 52.4 78.6
167 36.3 28.6 42.8

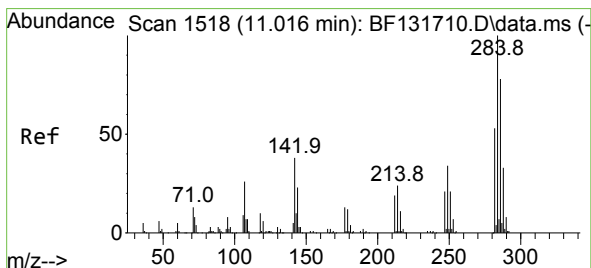
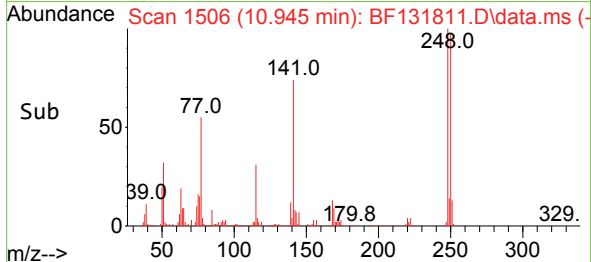
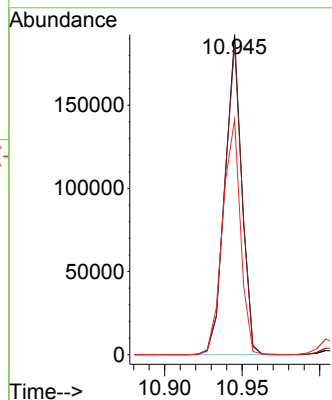
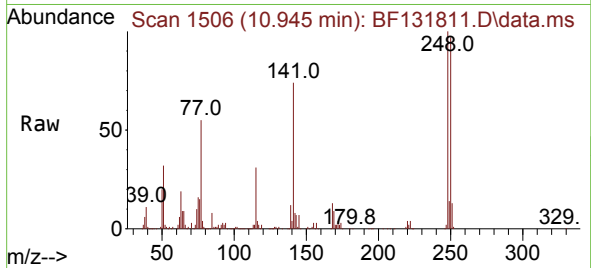




#67
4-Bromophenyl-phenylether
Concen: 41.849 ng
RT: 10.945 min Scan# 1506
Delta R.T. -0.006 min
Lab File: BF131811.D
Acq: 23 Dec 2022 17:47

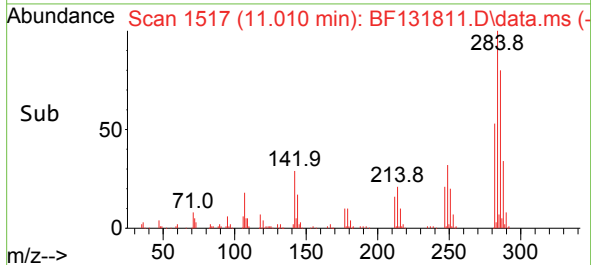
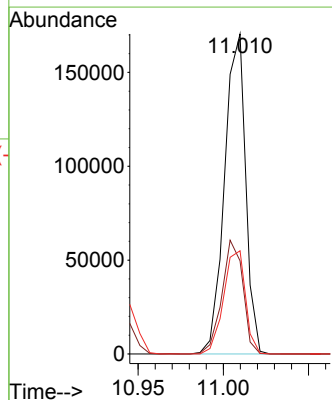
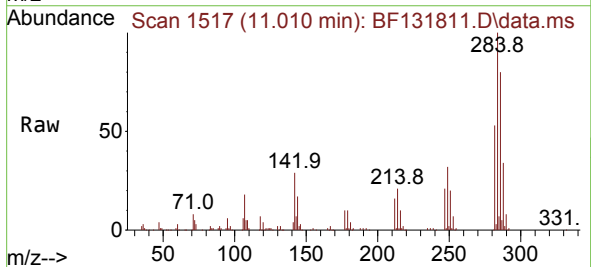
Instrument :
BNA_F
ClientSampleId :
SP-591MS

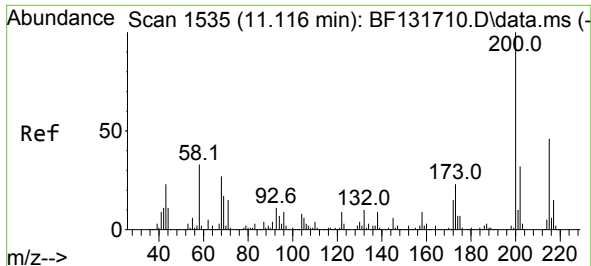
Tgt Ion:248 Resp: 145094
Ion Ratio Lower Upper
248 100
250 97.0 79.4 119.0
141 73.5 58.1 87.1



#68
Hexachlorobenzene
Concen: 38.516 ng
RT: 11.010 min Scan# 1517
Delta R.T. -0.006 min
Lab File: BF131811.D
Acq: 23 Dec 2022 17:47

Tgt Ion:284 Resp: 146869
Ion Ratio Lower Upper
284 100
142 29.1 30.2 45.4#
249 32.2 27.2 40.8

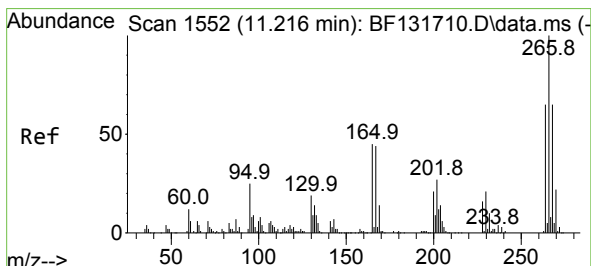
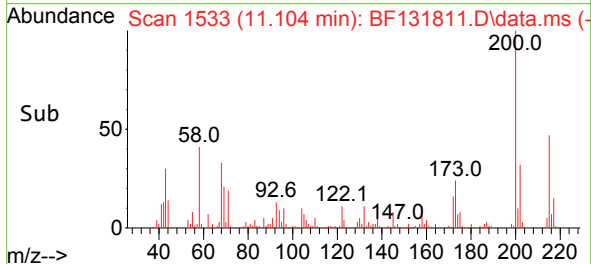
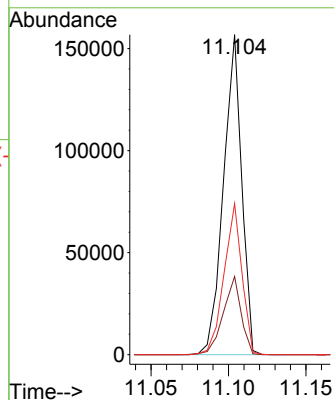
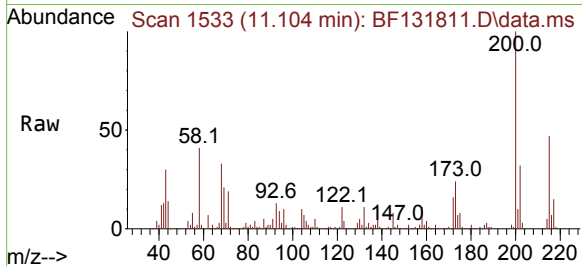




#69
 Atrazine
 Concen: 42.238 ng
 RT: 11.104 min Scan# 1533
 Delta R.T. -0.006 min
 Lab File: BF131811.D
 Acq: 23 Dec 2022 17:47

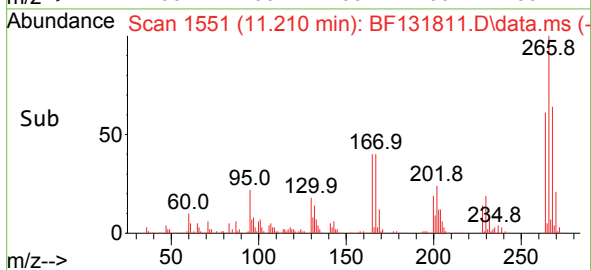
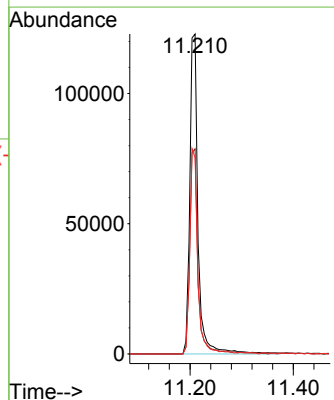
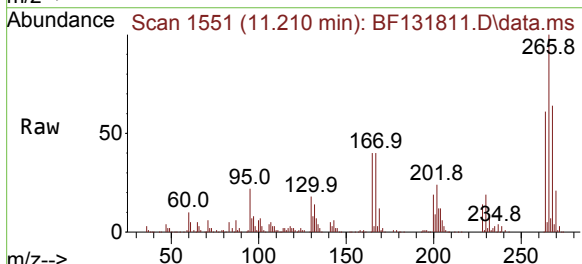
Instrument :
 BNA_F
 ClientSampleId :
 SP-591MS

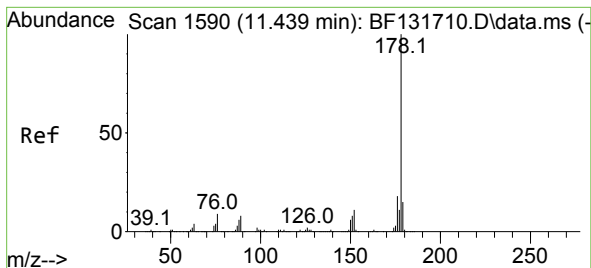
Tgt Ion:200 Resp: 128175
 Ion Ratio Lower Upper
 200 100
 173 24.5 2.7 42.7
 215 47.2 26.4 66.4



#70
 Pentachlorophenol
 Concen: 67.248 ng
 RT: 11.210 min Scan# 1551
 Delta R.T. 0.000 min
 Lab File: BF131811.D
 Acq: 23 Dec 2022 17:47

Tgt Ion:266 Resp: 136099
 Ion Ratio Lower Upper
 266 100
 268 64.1 52.2 78.4
 264 61.2 52.0 78.0





#71

Phenanthrene

Concen: 40.251 ng

RT: 11.427 min Scan# 1588

Delta R.T. -0.006 min

Lab File: BF131811.D

Acq: 23 Dec 2022 17:47

Instrument :

BNA_F

ClientSampleId :

SP-591MS

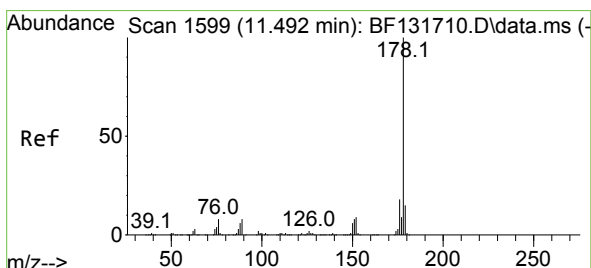
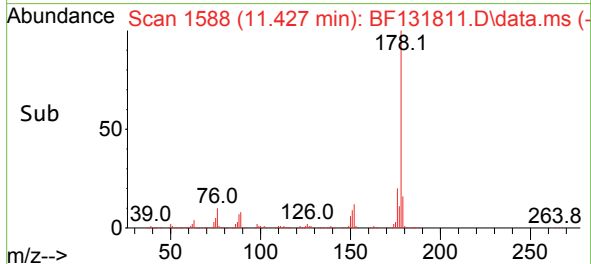
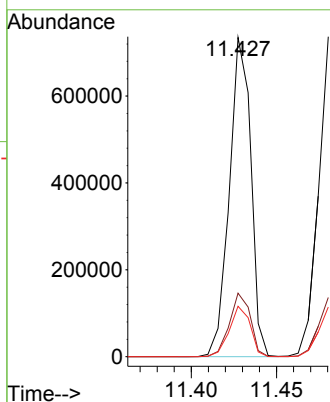
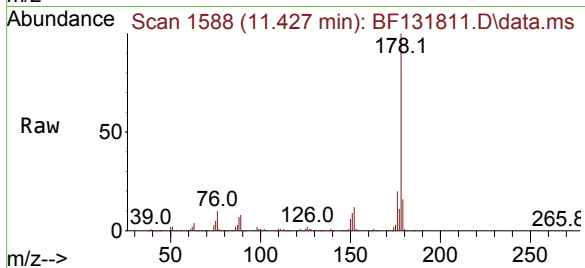
Tgt Ion:178 Resp: 644310

Ion Ratio Lower Upper

178 100

176 19.9 14.8 22.2

179 15.8 12.2 18.4



#72

Anthracene

Concen: 41.220 ng

RT: 11.480 min Scan# 1597

Delta R.T. -0.006 min

Lab File: BF131811.D

Acq: 23 Dec 2022 17:47

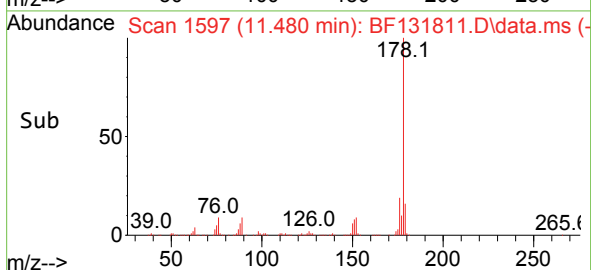
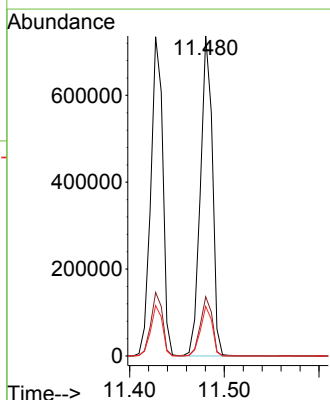
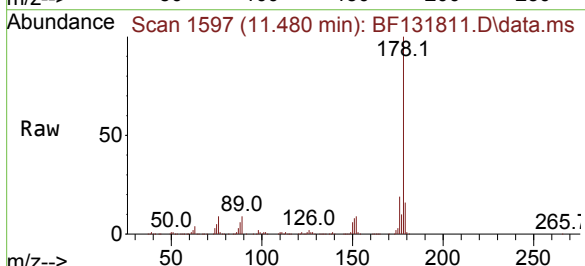
Tgt Ion:178 Resp: 646057

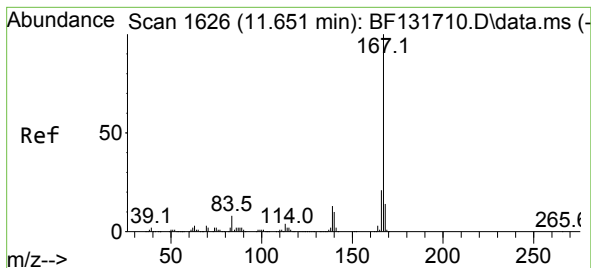
Ion Ratio Lower Upper

178 100

176 18.5 14.6 21.8

179 15.5 12.2 18.4





#73

Carbazole

Concen: 42.512 ng

RT: 11.639 min Scan# 1624

Delta R.T. -0.006 min

Lab File: BF131811.D

Acq: 23 Dec 2022 17:47

Instrument :

BNA_F

ClientSampleId :

SP-591MS

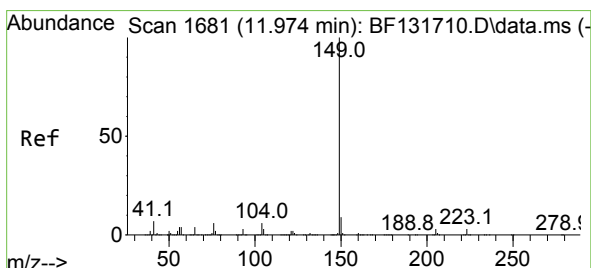
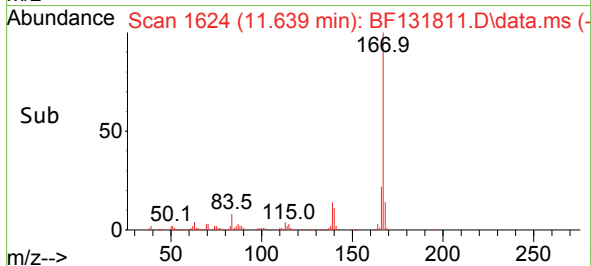
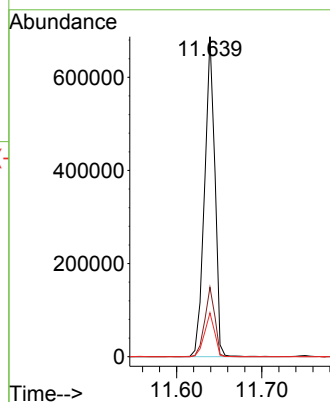
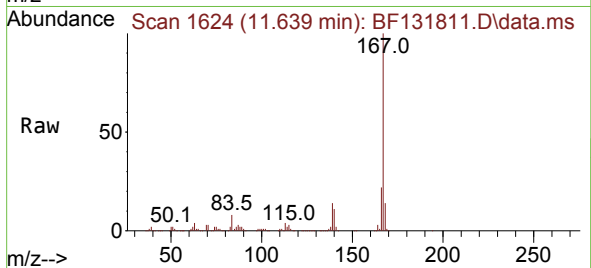
Tgt Ion:167 Resp: 576468

Ion Ratio Lower Upper

167 100

166 21.7 17.1 25.7

139 13.7 10.5 15.7



#74

Di-n-butylphthalate

Concen: 42.512 ng

RT: 11.969 min Scan# 1680

Delta R.T. -0.006 min

Lab File: BF131811.D

Acq: 23 Dec 2022 17:47

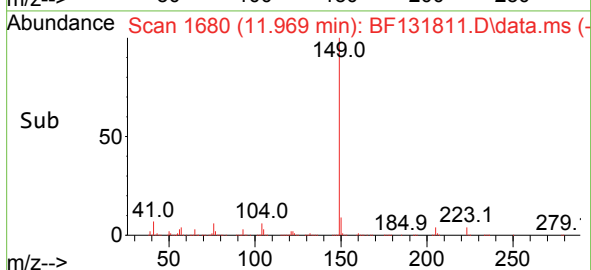
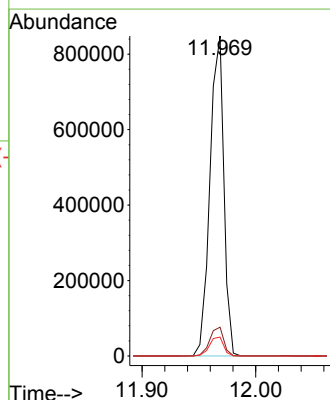
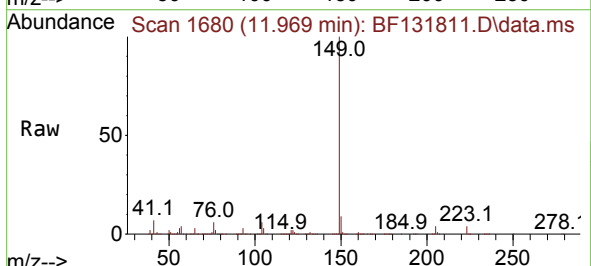
Tgt Ion:149 Resp: 717805

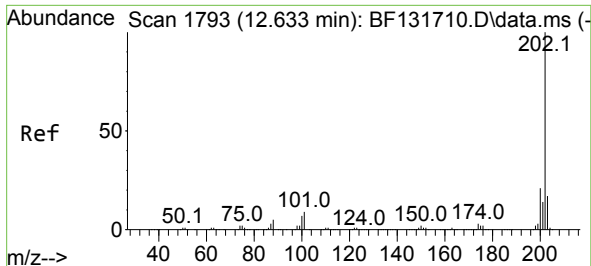
Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.2

104 5.9 5.0 7.4

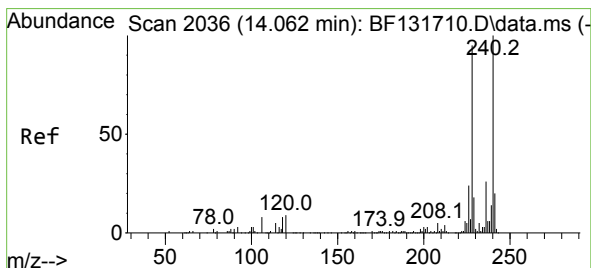
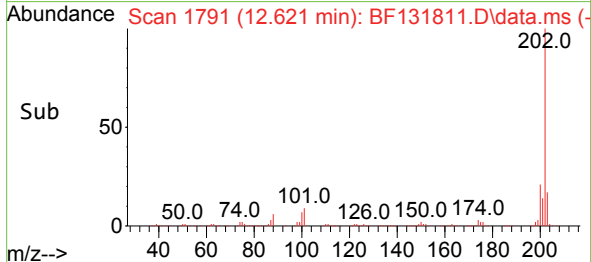
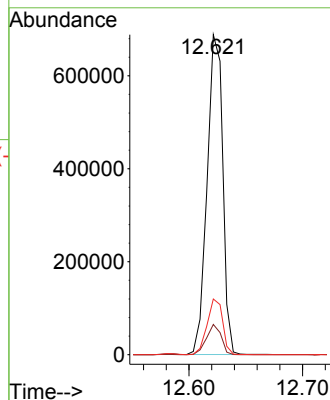
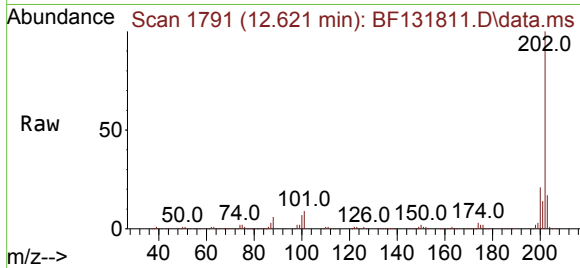




#75
Fluoranthene
Concen: 36.893 ng
RT: 12.621 min Scan# 1791
Delta R.T. -0.012 min
Lab File: BF131811.D
Acq: 23 Dec 2022 17:47

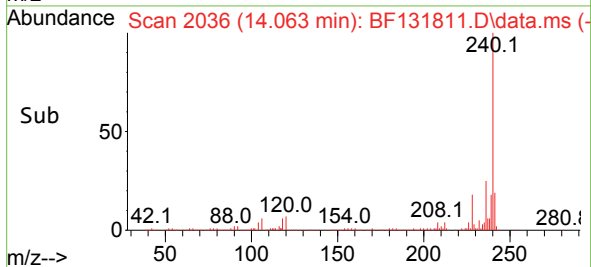
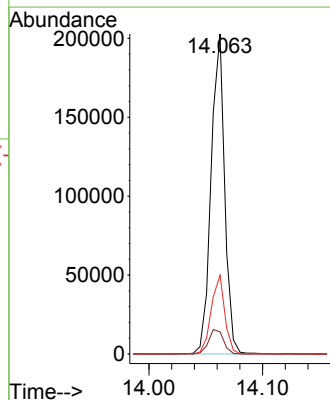
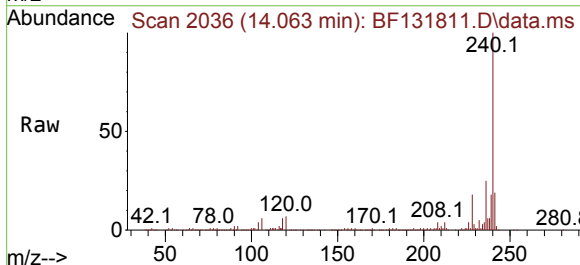
Instrument :
BNA_F
ClientSampleId :
SP-591MS

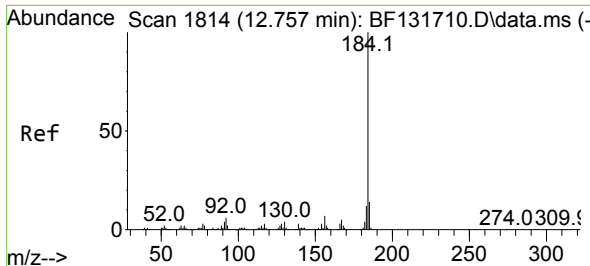
Tgt Ion:202 Resp: 657712
Ion Ratio Lower Upper
202 100
101 9.4 0.0 28.8
203 17.4 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BF131811.D
Acq: 23 Dec 2022 17:47

Tgt Ion:240 Resp: 167705
Ion Ratio Lower Upper
240 100
120 6.9 7.6 11.4#
236 24.6 21.2 31.8

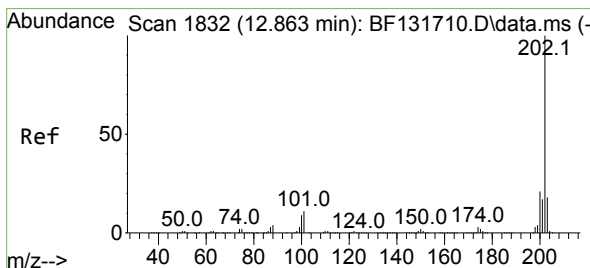
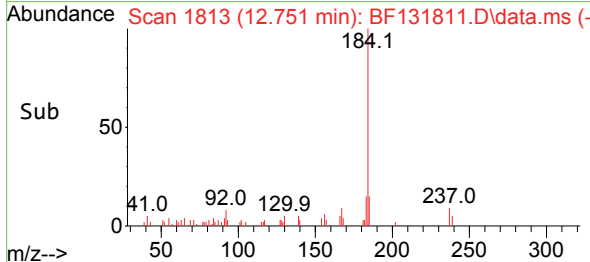
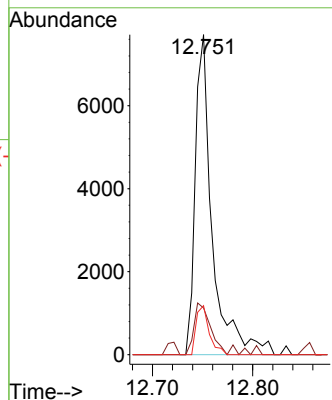
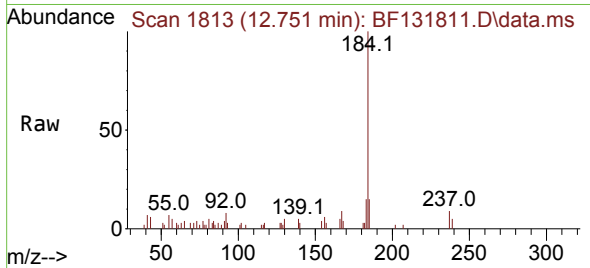




#77
Benzidine
Concen: 2.951 ng
RT: 12.751 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF131811.D
Acq: 23 Dec 2022 17:47

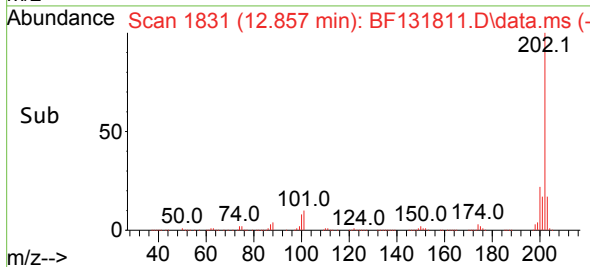
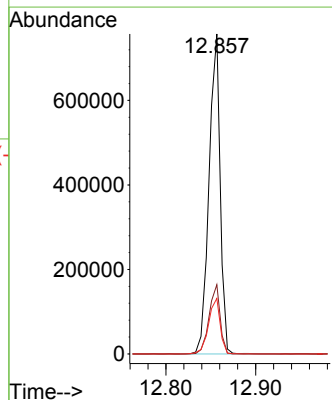
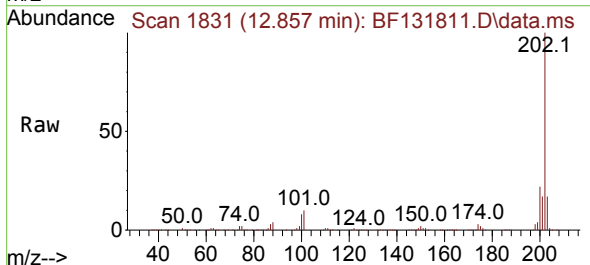
Instrument :
BNA_F
ClientSampleId :
SP-591MS

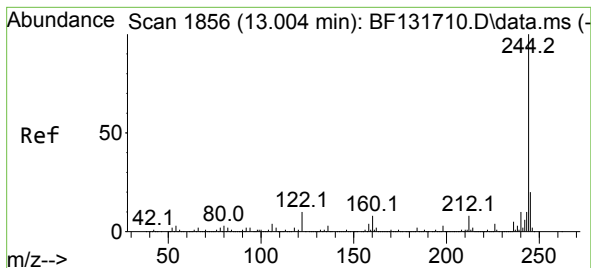
Tgt Ion:184 Resp: 9075
Ion Ratio Lower Upper
184 100
185 14.6 11.3 16.9
183 15.3 9.3 13.9#



#78
Pyrene
Concen: 42.854 ng
RT: 12.857 min Scan# 1831
Delta R.T. -0.006 min
Lab File: BF131811.D
Acq: 23 Dec 2022 17:47

Tgt Ion:202 Resp: 653416
Ion Ratio Lower Upper
202 100
200 21.7 17.1 25.7
203 17.4 14.1 21.1





#79

Terphenyl-d14

Concen: 45.124 ng

RT: 12.992 min Scan# 1854

Delta R.T. -0.012 min

Lab File: BF131811.D

Acq: 23 Dec 2022 17:47

Instrument :

BNA_F

ClientSampleId :

SP-591MS

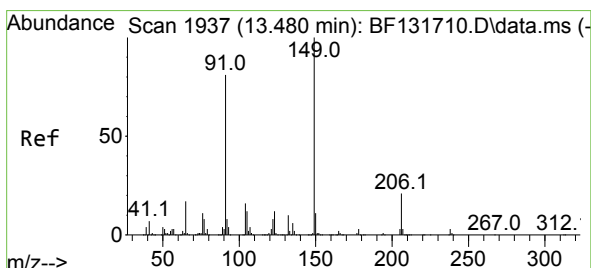
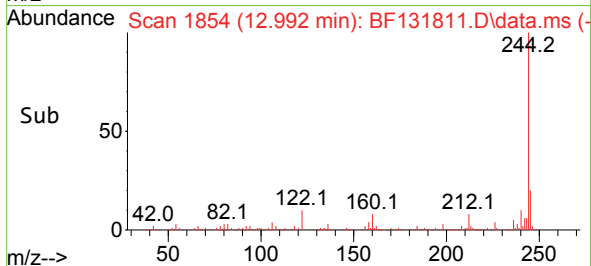
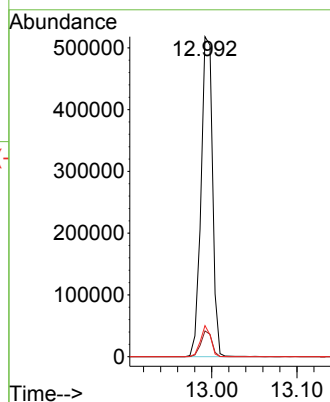
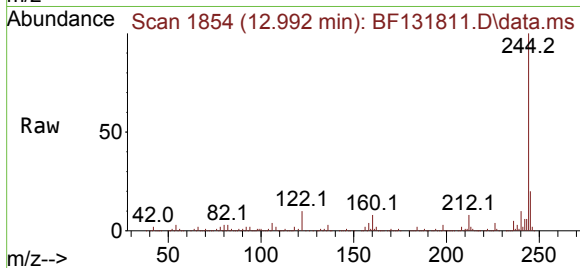
Tgt Ion:244 Resp: 485557

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

122 9.7 7.7 11.5



#80

Butylbenzylphthalate

Concen: 45.957 ng

RT: 13.474 min Scan# 1936

Delta R.T. -0.006 min

Lab File: BF131811.D

Acq: 23 Dec 2022 17:47

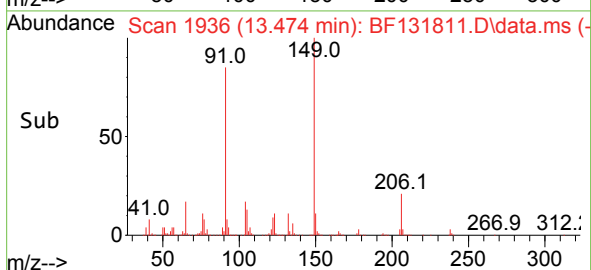
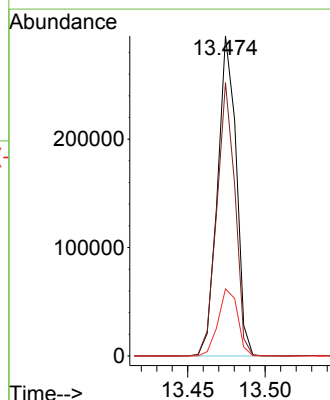
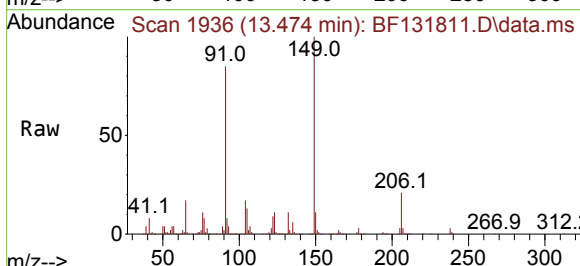
Tgt Ion:149 Resp: 247144

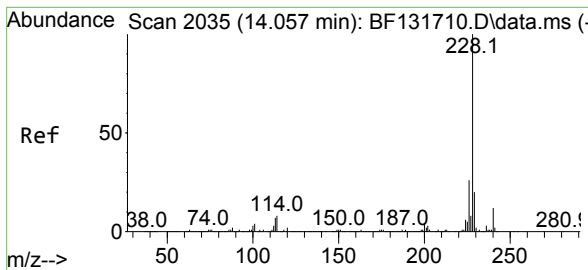
Ion Ratio Lower Upper

149 100

91 85.4 64.9 97.3

206 21.0 17.0 25.4

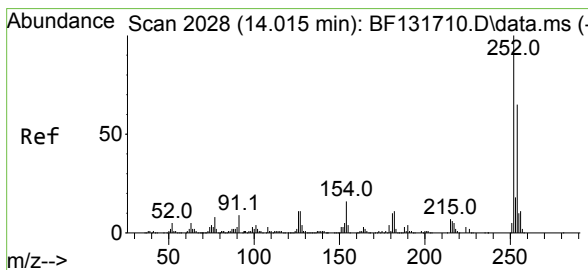
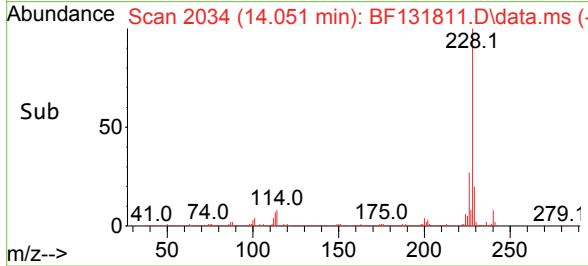
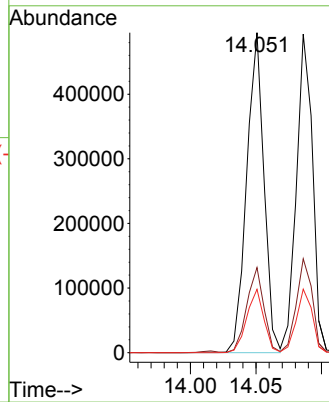
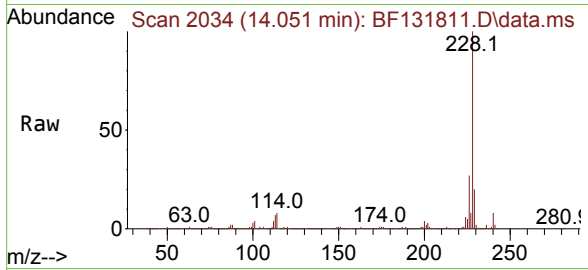




#81
Benzo(a)anthracene
Concen: 37.621 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BF131811.D
Acq: 23 Dec 2022 17:47

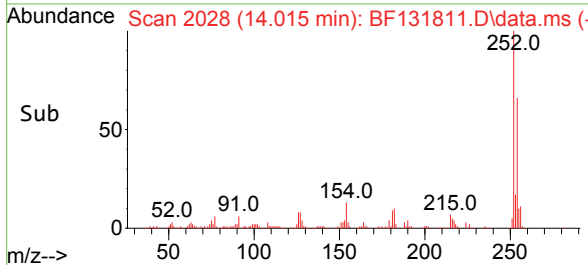
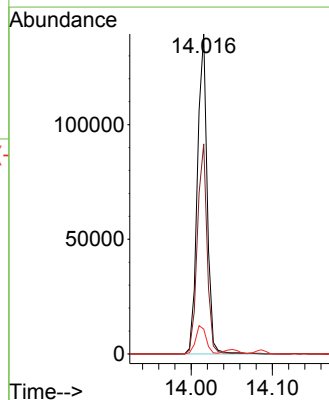
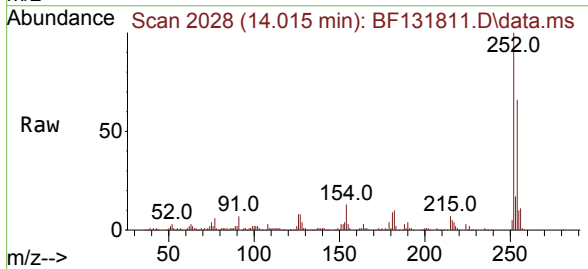
Instrument :
BNA_F
ClientSampleId :
SP-591MS

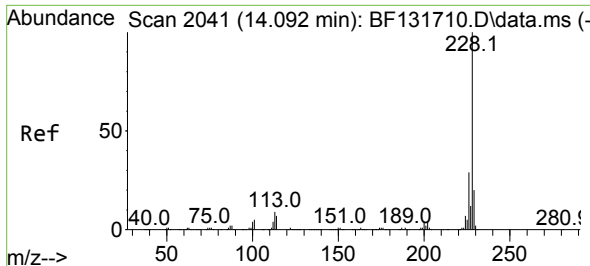
Tgt Ion:228	Resp: 454391
Ion Ratio	Lower Upper
228	100
226	26.6 21.0 31.4
229	19.8 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 34.719 ng
RT: 14.015 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF131811.D
Acq: 23 Dec 2022 17:47

Tgt Ion:252	Resp: 117079
Ion Ratio	Lower Upper
252	100
254	65.7 52.1 78.1
126	7.7 8.4 12.6

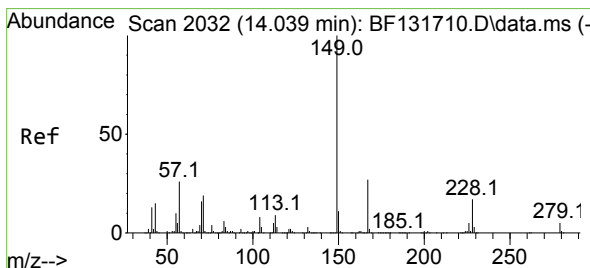
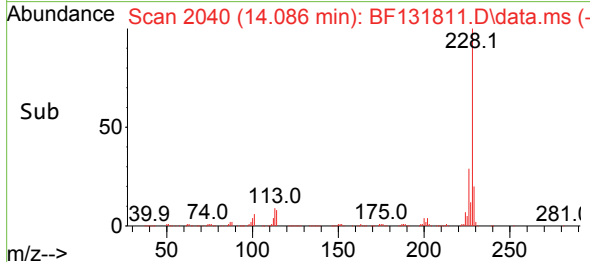
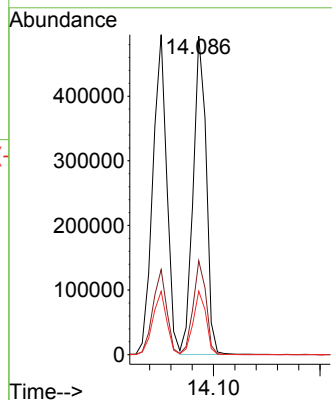
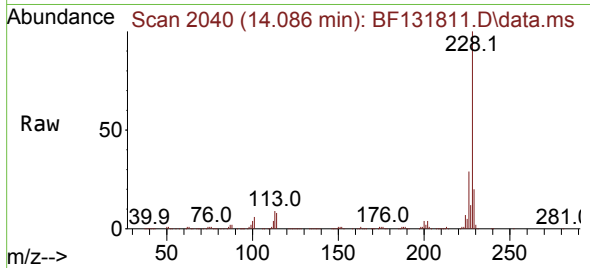




#83
Chrysene
Concen: 36.823 ng
RT: 14.086 min Scan# 2040
Delta R.T. -0.012 min
Lab File: BF131811.D
Acq: 23 Dec 2022 17:47

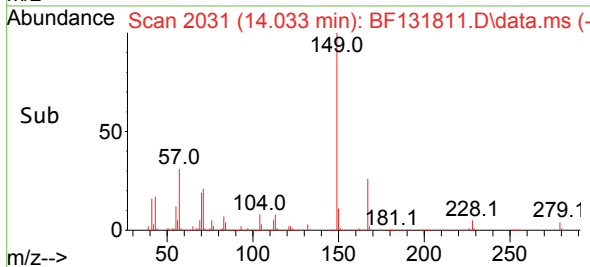
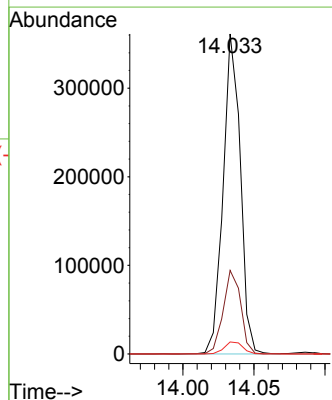
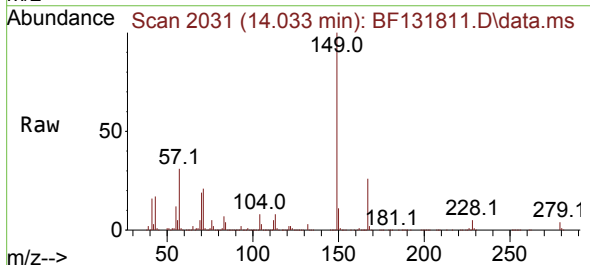
Instrument :
BNA_F
ClientSampleId :
SP-591MS

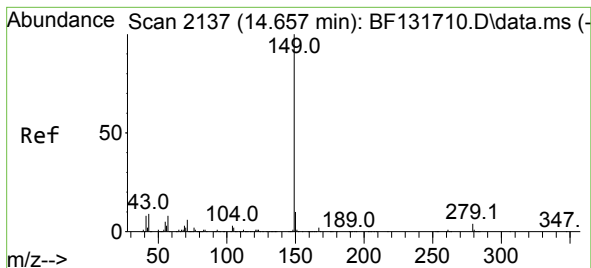
Tgt Ion:228 Resp: 419784
Ion Ratio Lower Upper
228 100
226 29.5 23.5 35.3
229 20.0 15.6 23.4



#84
Bis(2-ethylhexyl)phthalate
Concen: 47.374 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF131811.D
Acq: 23 Dec 2022 17:47

Tgt Ion:149 Resp: 303792
Ion Ratio Lower Upper
149 100
167 26.1 21.7 32.5
279 3.8 3.8 5.6#

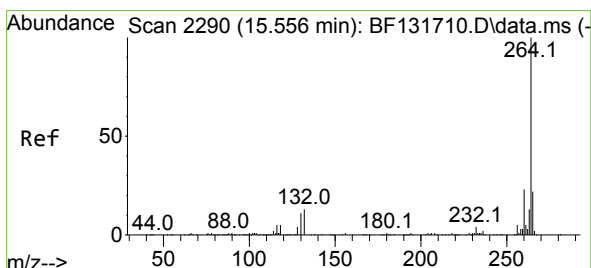
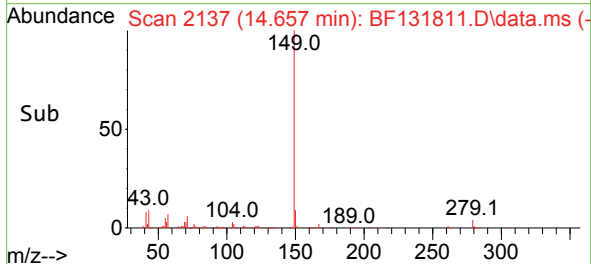
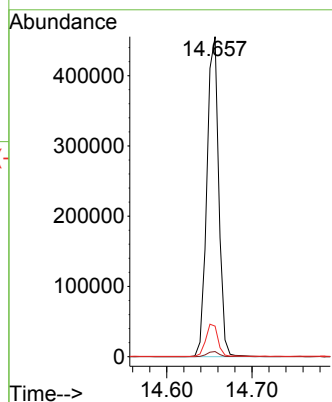
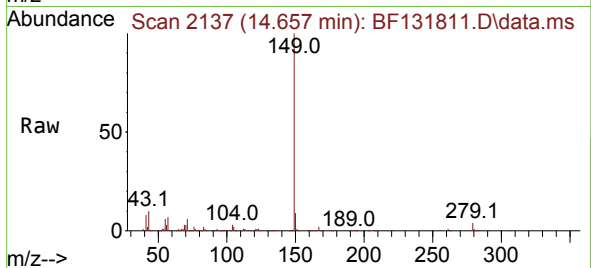




#85
Di-n-octyl phthalate
Concen: 49.066 ng
RT: 14.657 min Scan# 2137
Delta R.T. -0.006 min
Lab File: BF131811.D
Acq: 23 Dec 2022 17:47

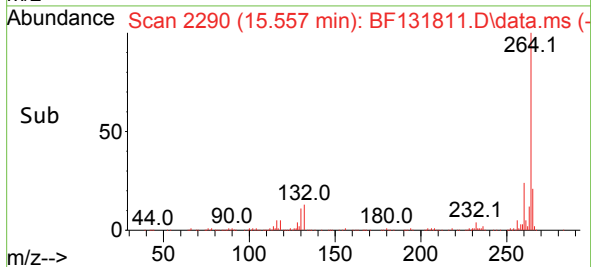
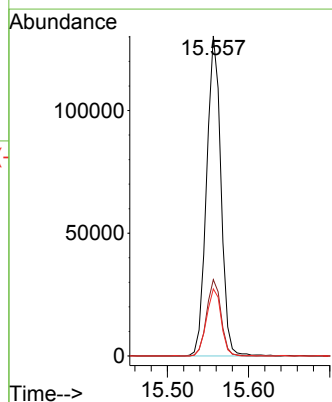
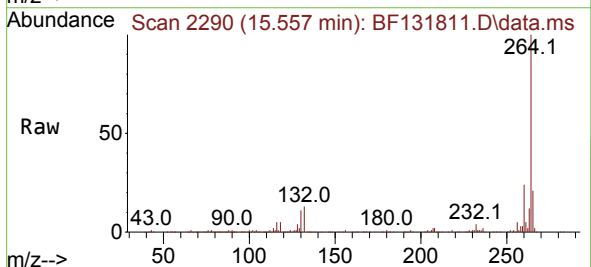
Instrument :
BNA_F
ClientSampleId :
SP-591MS

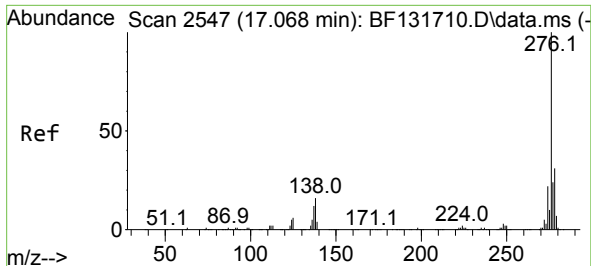
Tgt Ion:149 Resp: 439212
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 10.6 8.3 12.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2290
Delta R.T. -0.006 min
Lab File: BF131811.D
Acq: 23 Dec 2022 17:47

Tgt Ion:264 Resp: 159654
Ion Ratio Lower Upper
264 100
260 23.9 18.6 28.0
265 21.0 17.4 26.2

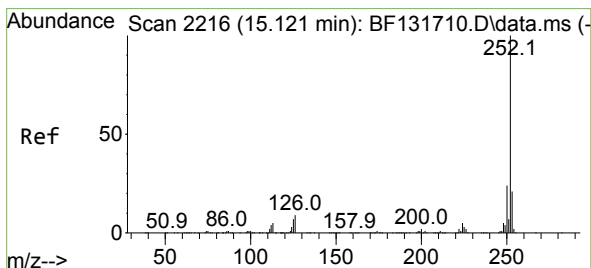
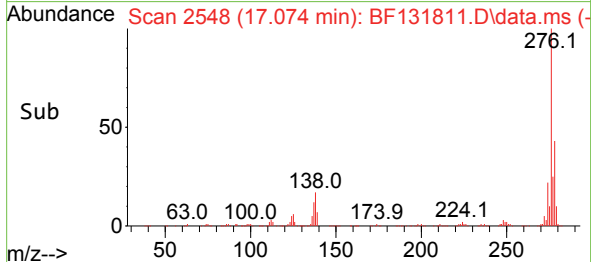
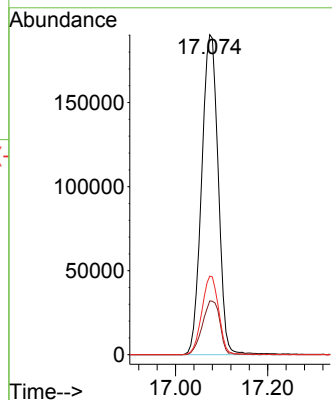
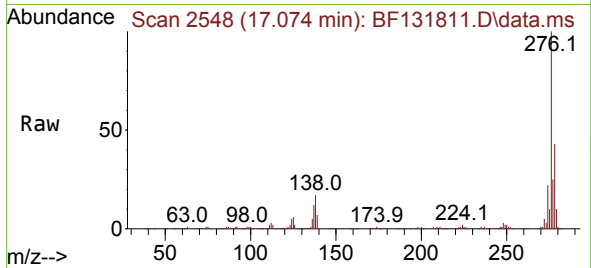




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 44.424 ng
 RT: 17.074 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF131811.D
 Acq: 23 Dec 2022 17:47

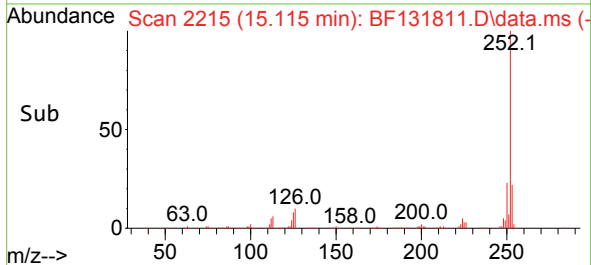
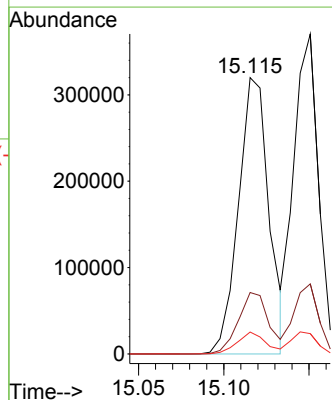
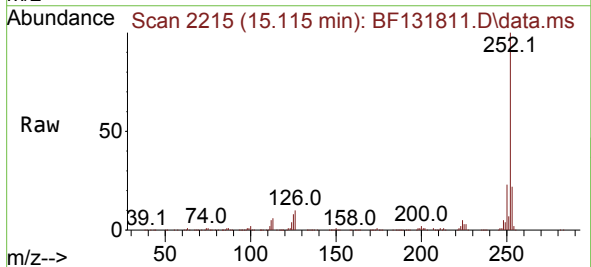
Instrument :
 BNA_F
 ClientSampleId :
 SP-591MS

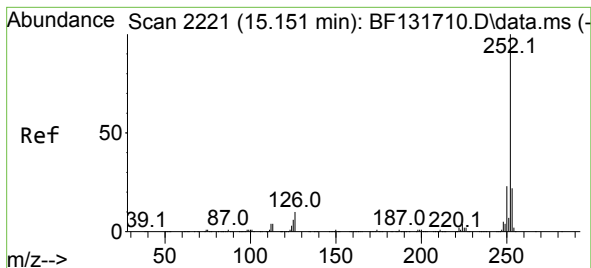
Tgt Ion:276 Resp: 476393
 Ion Ratio Lower Upper
 276 100
 138 17.8 14.4 21.6
 277 24.9 19.8 29.8



#88
 Benzo(b)fluoranthene
 Concen: 35.293 ng
 RT: 15.115 min Scan# 2215
 Delta R.T. -0.012 min
 Lab File: BF131811.D
 Acq: 23 Dec 2022 17:47

Tgt Ion:252 Resp: 398641
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.2 25.8
 125 7.9 5.5 8.3





#89

Benzo(k)fluoranthene

Concen: 33.993 ng

RT: 15.151 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF131811.D

Acq: 23 Dec 2022 17:47

Instrument :

BNA_F

ClientSampleId :

SP-591MS

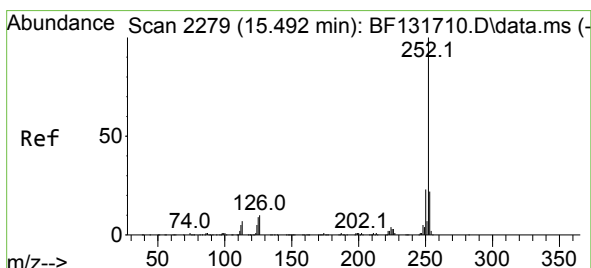
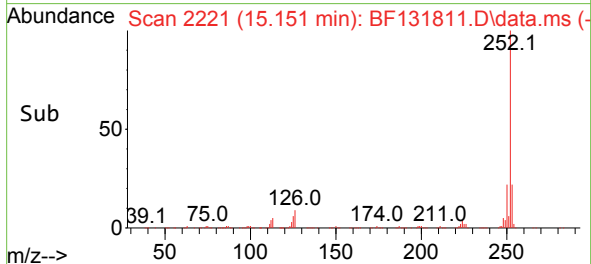
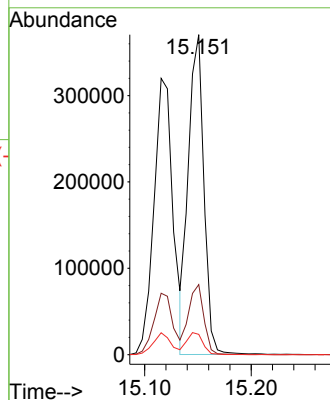
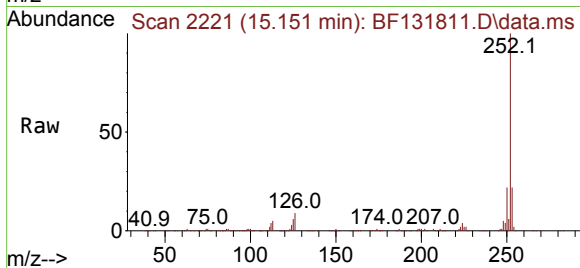
Tgt Ion:252 Resp: 374669

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.8

125 6.3 5.2 7.8



#90

Benzo(a)pyrene

Concen: 37.260 ng

RT: 15.492 min Scan# 2279

Delta R.T. -0.012 min

Lab File: BF131811.D

Acq: 23 Dec 2022 17:47

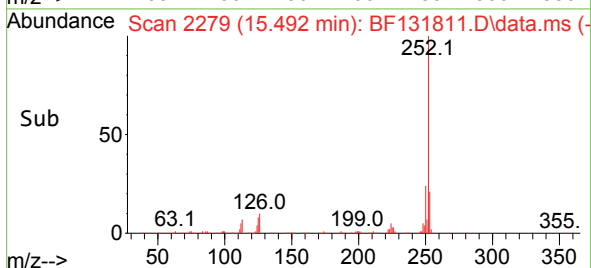
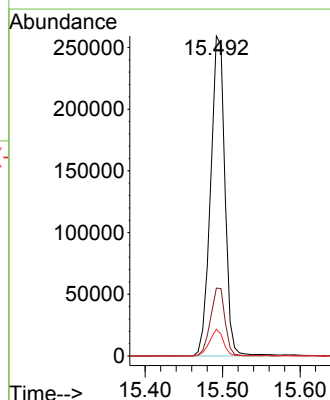
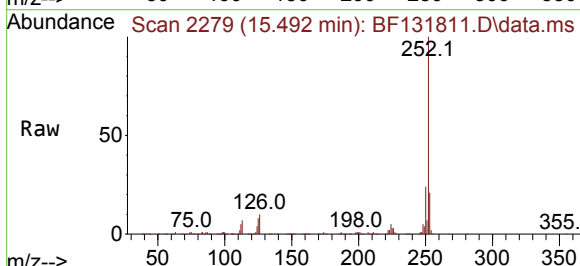
Tgt Ion:252 Resp: 333365

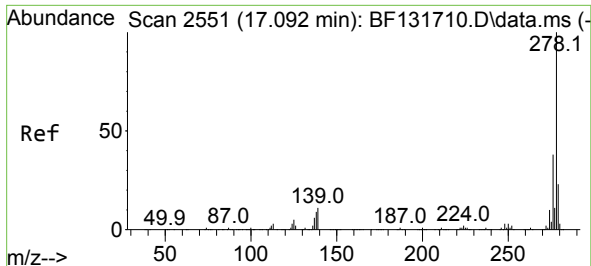
Ion Ratio Lower Upper

252 100

253 21.2 17.5 26.3

125 8.4 7.0 10.4

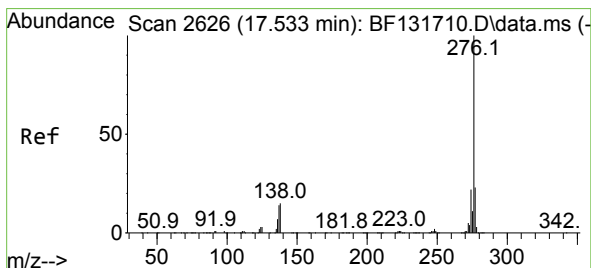
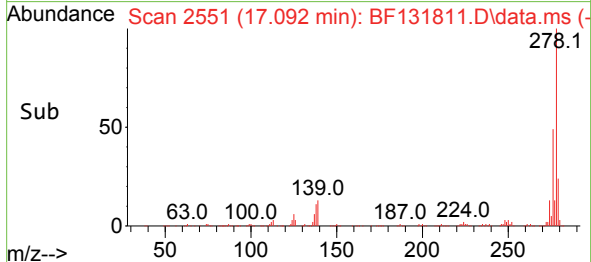
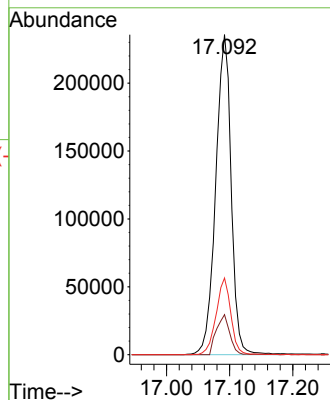
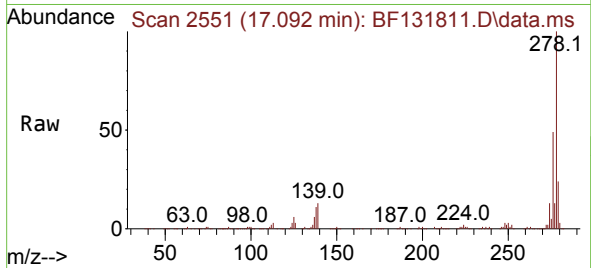




#91
Dibenzo(a,h)anthracene
Concen: 45.261 ng
RT: 17.092 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF131811.D
Acq: 23 Dec 2022 17:47

Instrument :
BNA_F
ClientSampleId :
SP-591MS

Tgt Ion:278 Resp: 401110
Ion Ratio Lower Upper
278 100
139 12.5 8.7 13.1
279 24.0 18.7 28.1



#92
Benzo(g,h,i)perylene
Concen: 44.543 ng
RT: 17.539 min Scan# 2627
Delta R.T. -0.012 min
Lab File: BF131811.D
Acq: 23 Dec 2022 17:47

Tgt Ion:276 Resp: 390161
Ion Ratio Lower Upper
276 100
277 24.2 18.3 27.5
138 15.3 12.3 18.5

