

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050823\
 Data File : BF133295.D
 Acq On : 08 May 2023 15:21
 Operator : CG\JU
 Sample : 02655-02MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-2MS

Quant Time: May 09 05:05:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 09 04:59:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	211504	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	865968	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	445456	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	759099	20.000	ng	# 0.00
76) Chrysene-d12	13.880	240	390034	20.000	ng	0.00
86) Perylene-d12	15.292	264	398959	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.345	112	1194976	85.348	ng	0.02
7) Phenol-d6	6.369	99	1462168	84.137	ng	0.00
23) Nitrobenzene-d5	7.292	82	890799	55.525	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	347547	77.579	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	1525831	57.306	ng	0.00
79) Terphenyl-d14	12.827	244	1621056	71.680	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.469	88	274833	42.319	ng	99
3) Pyridine	3.157	79	694514	40.265	ng	98
4) n-Nitrosodimethylamine	3.122	42	390536	43.712	ng	98
6) Aniline	6.387	93	639116	28.554	ng	# 28
8) 2-Chlorophenol	6.510	128	662501	46.603	ng	96
9) Benzaldehyde	6.269	77	471218	89.557	ng	99
10) Phenol	6.387	94	794021	41.416	ng	77
11) bis(2-Chloroethyl)ether	6.463	93	634227	44.085	ng	96
12) 1,3-Dichlorobenzene	6.663	146	699482	46.280	ng	99
13) 1,4-Dichlorobenzene	6.739	146	702795	46.397	ng	99
14) 1,2-Dichlorobenzene	6.892	146	672194	48.134	ng	96
15) Benzyl Alcohol	6.875	79	558330	46.510	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.004	45	1018788	40.772	ng	92
17) 2-Methylphenol	6.992	107	547983	42.097	ng	97
18) Hexachloroethane	7.234	117	253808	48.195	ng	93
19) n-Nitroso-di-n-propyla...	7.145	70	426508	39.422	ng	96
20) 3+4-Methylphenols	7.145	107	643651	41.987	ng	# 77
22) Acetophenone	7.134	105	888715	44.303	ng	# 94
24) Nitrobenzene	7.310	77	670661	41.253	ng	100
25) Isophorone	7.551	82	1268578	41.646	ng	99
26) 2-Nitrophenol	7.628	139	373117	47.584	ng	95
27) 2,4-Dimethylphenol	7.675	122	596650	44.375	ng	98
28) bis(2-Chloroethoxy)met...	7.763	93	774303	42.969	ng	99
29) 2,4-Dichlorophenol	7.875	162	548209	44.788	ng	98
30) 1,2,4-Trichlorobenzene	7.951	180	567442	44.748	ng	100
31) Naphthalene	8.033	128	1847373	42.669	ng	99
32) Benzoic acid	7.798	122	23038	2.774	ng	90
33) 4-Chloroaniline	8.081	127	267766	15.307	ng	99
34) Hexachlorobutadiene	8.151	225	311121	44.267	ng	99
35) Caprolactam	8.451	113	130851	31.822	ng	96
36) 4-Chloro-3-methylphenol	8.575	107	583730	44.224	ng	99
37) 2-Methylnaphthalene	8.722	142	1213526	40.997	ng	98
38) 1-Methylnaphthalene	8.822	142	1147134	41.427	ng	100
40) 1,2,4,5-Tetrachloroben...	8.892	216	499206	41.680	ng	99
41) Hexachlorocyclopentadiene	8.875	237	595986	85.323	ng	99
43) 2,4,6-Trichlorophenol	9.004	196	353454	42.672	ng	100

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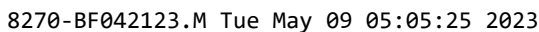
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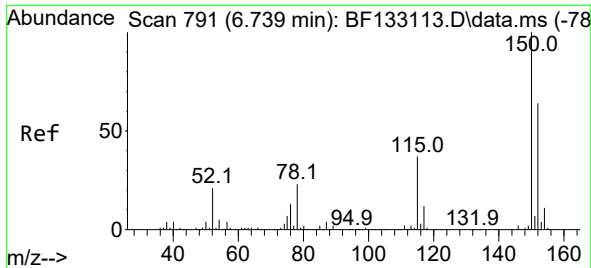
Quant Time: May 09 05:05:20 2023
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 09 04:59:36 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.045	196	383469	40.030	ng	99
46) 1,1'-Biphenyl	9.186	154	1481744	41.949	ng	99
47) 2-Chloronaphthalene	9.210	162	1129604	43.692	ng	99
48) 2-Nitroaniline	9.310	65	373248	43.682	ng	99
49) Acenaphthylene	9.622	152	1747113	42.292	ng	100
50) Dimethylphthalate	9.492	163	1319975	42.496	ng	99
51) 2,6-Dinitrotoluene	9.551	165	308698	44.157	ng	95
52) Acenaphthene	9.798	154	1084486	39.197	ng	100
53) 3-Nitroaniline	9.716	138	236320	28.430	ng	97
54) 2,4-Dinitrophenol	9.822	184	114526	32.591	ng	91
55) Dibenzofuran	9.969	168	1556674	41.246	ng	98
56) 4-Nitrophenol	9.892	139	474475	73.698	ng	90
57) 2,4-Dinitrotoluene	9.957	165	399196	44.776	ng	92
58) Fluorene	10.310	166	1138684	41.181	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.086	232	277764	37.401	ng	99
60) Diethylphthalate	10.192	149	1238415	42.211	ng	98
61) 4-Chlorophenyl-phenyle...	10.304	204	545996	40.520	ng	98
62) 4-Nitroaniline	10.339	138	358580	46.935	ng	96
63) Azobenzene	10.463	77	1283353	41.292	ng	99
65) 4,6-Dinitro-2-methylph...	10.363	198	134431	29.217	ng	81
66) n-Nitrosodiphenylamine	10.422	169	1076818	43.732	ng	98
67) 4-Bromophenyl-phenylether	10.792	248	351914	42.745	ng	97
68) Hexachlorobenzene	10.857	284	377758	44.779	ng	94
69) Atrazine	10.957	200	371731	52.393	ng	99
70) Pentachlorophenol	11.051	266	252936	42.099	ng	97
71) Phenanthrene	11.269	178	1766767	43.304	ng	99
72) Anthracene	11.322	178	1765169	42.276	ng	99
73) Carbazole	11.474	167	1656395	44.552	ng	99
74) Di-n-butylphthalate	11.810	149	1938120	46.065	ng	100
75) Fluoranthene	12.457	202	1755837	42.881	ng	96
77) Benzidine	12.574	184	879768	133.385	ng	# 94
78) Pyrene	12.680	202	1767598	52.867	ng	99
80) Butylbenzylphthalate	13.304	149	736427	62.206	ng	96
81) Benzo(a)anthracene	13.868	228	1136162	42.360	ng	100
82) 3,3'-Dichlorobenzidine	13.833	252	135837	18.333	ng	97
83) Chrysene	13.904	228	1114303	41.555	ng	99
84) Bis(2-ethylhexyl)phtha...	13.868	149	780068	52.497	ng	100
85) Di-n-octyl phthalate	14.474	149	1274642	52.608	ng	97
87) Indeno(1,2,3-cd)pyrene	16.680	276	1330633	58.635	ng	98
88) Benzo(b)fluoranthene	14.892	252	1052375	41.463	ng	99
89) Benzo(k)fluoranthene	14.921	252	1026493	40.798	ng	99
90) Benzo(a)pyrene	15.239	252	962977	41.683	ng	99
91) Dibenzo(a,h)anthracene	16.698	278	1098570	58.041	ng	98
92) Benzo(g,h,i)perylene	17.098	276	1118598	59.862	ng	97

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

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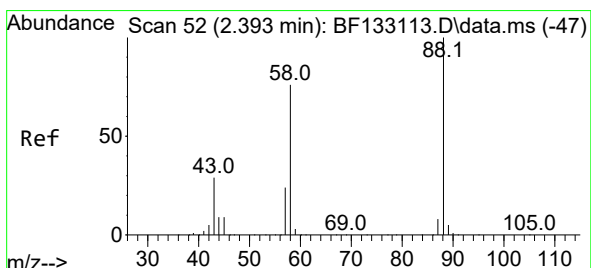
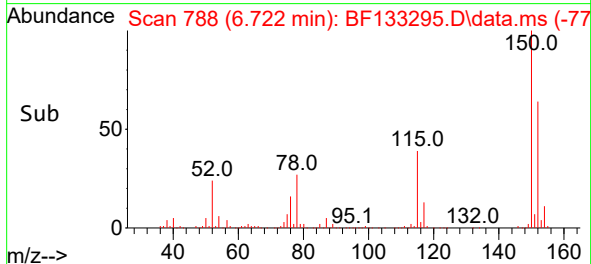
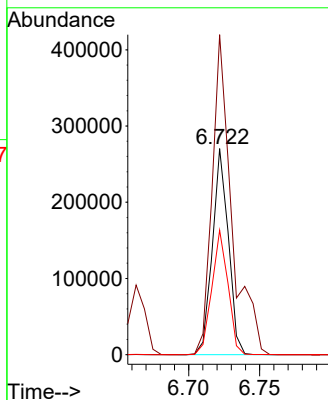
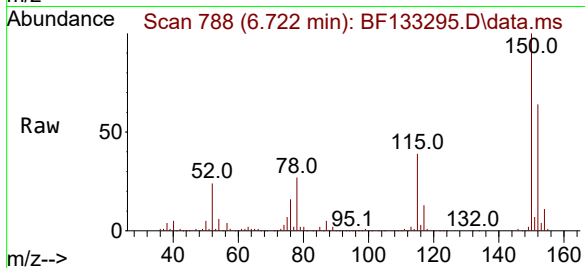




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.722 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF133295.D
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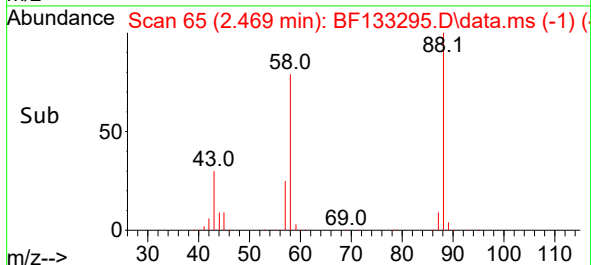
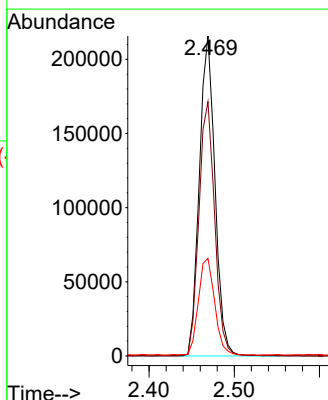
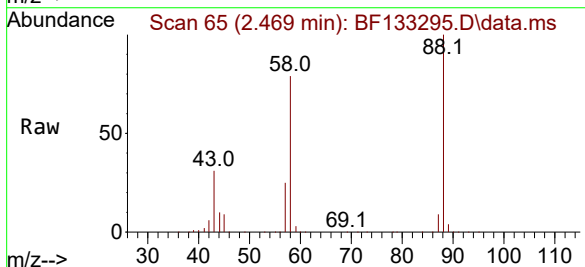
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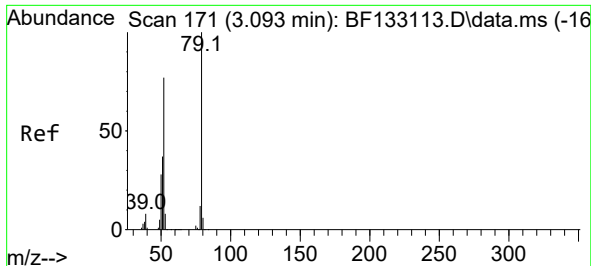
Tgt Ion:152 Resp: 211504
 Ion Ratio Lower Upper
 152 100
 150 155.3 124.8 187.2
 115 60.4 49.9 74.9



#2
 1,4-Dioxane
 Concen: 42.319 ng
 RT: 2.469 min Scan# 65
 Delta R.T. 0.100 min
 Lab File: BF133295.D
 Acq: 08 May 2023 15:21

Tgt Ion: 88 Resp: 274833
 Ion Ratio Lower Upper
 88 100
 58 80.4 64.7 97.1
 43 31.6 26.2 39.2

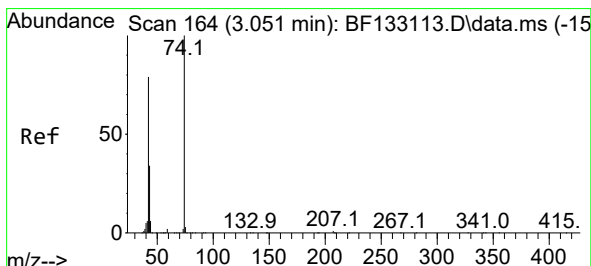
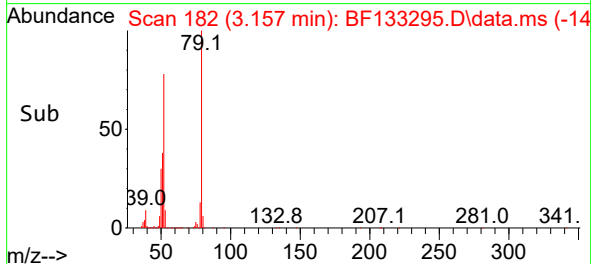
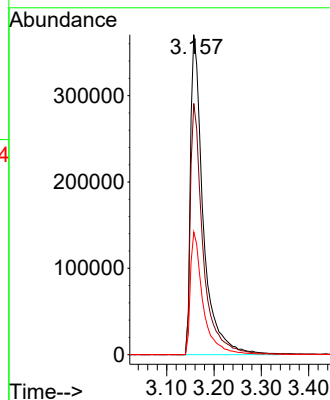
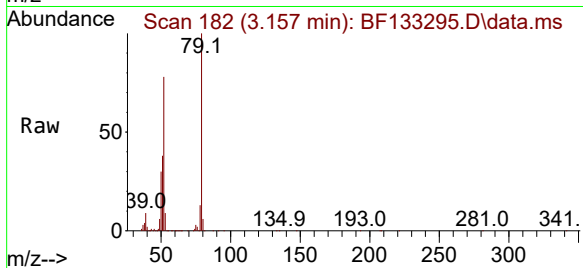




#3
Pyridine
Concen: 40.265 ng
RT: 3.157 min Scan# 11
Delta R.T. 0.094 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21

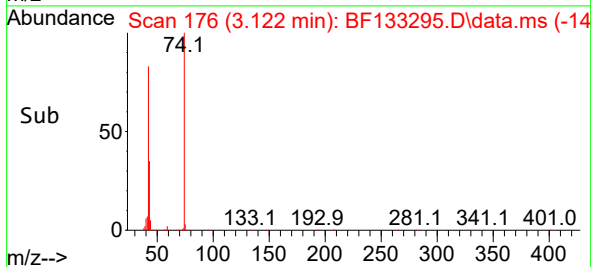
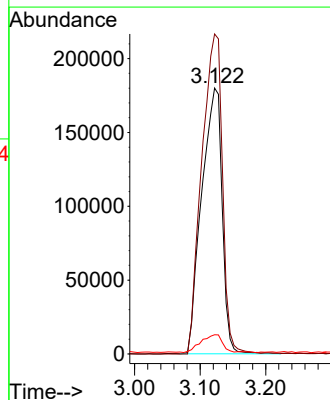
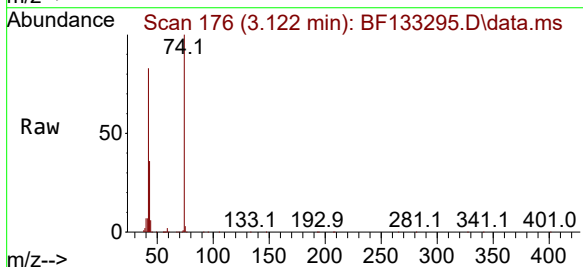
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ClientSampleId :
SS-2MS

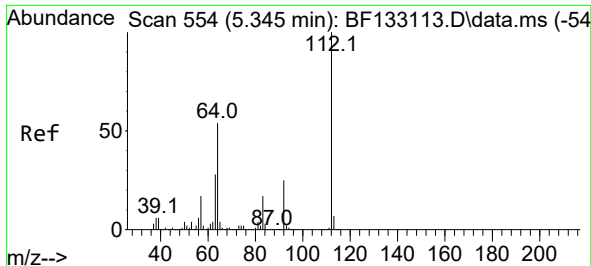
Tgt Ion: 79 Resp: 694514
Ion Ratio Lower Upper
79 100
52 78.5 64.6 96.8
51 38.3 30.0 45.0



#4
n-Nitrosodimethylamine
Concen: 43.712 ng
RT: 3.122 min Scan# 176
Delta R.T. 0.088 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21

Tgt Ion: 42 Resp: 390536
Ion Ratio Lower Upper
42 100
74 120.4 98.0 147.0
44 7.2 5.8 8.8

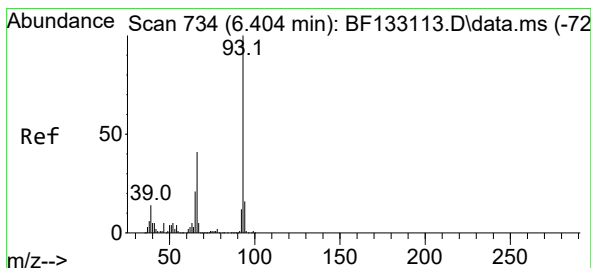
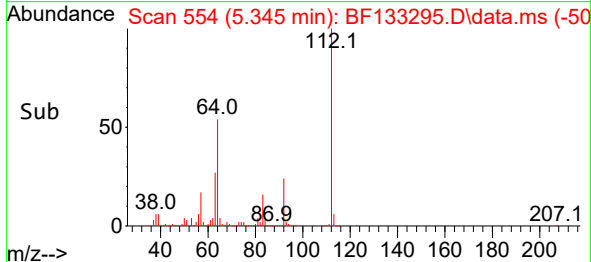
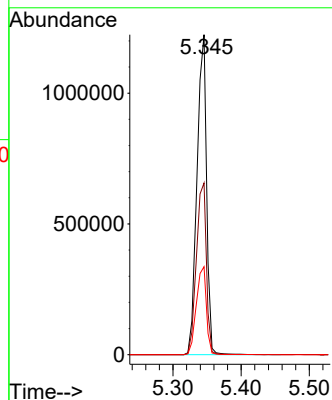
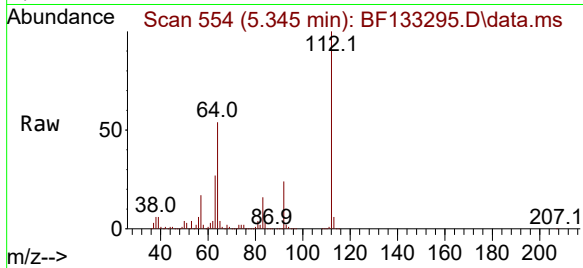




#5
2-Fluorophenol
Concen: 85.348 ng
RT: 5.345 min Scan# 511
Delta R.T. 0.018 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21

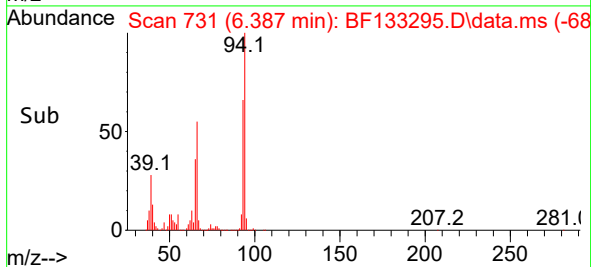
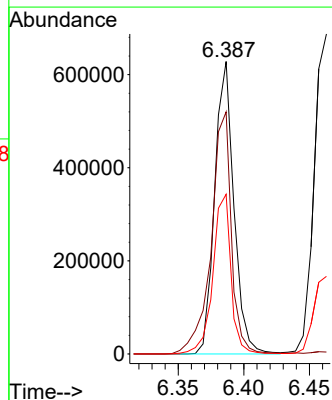
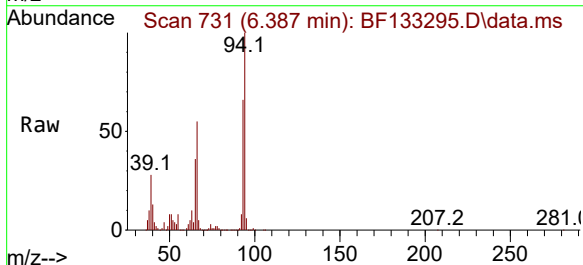
Instrument :
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ClientSampleId :
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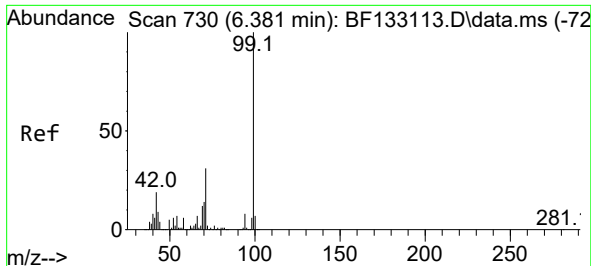
Tgt Ion:112 Resp: 1194976
Ion Ratio Lower Upper
112 100
64 53.7 46.8 70.2
63 27.5 23.8 35.8



#6
Aniline
Concen: 28.554 ng
RT: 6.387 min Scan# 731
Delta R.T. -0.006 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21

Tgt Ion: 93 Resp: 639116
Ion Ratio Lower Upper
93 100
66 82.7 31.5 47.3#
65 54.6 16.4 24.6#

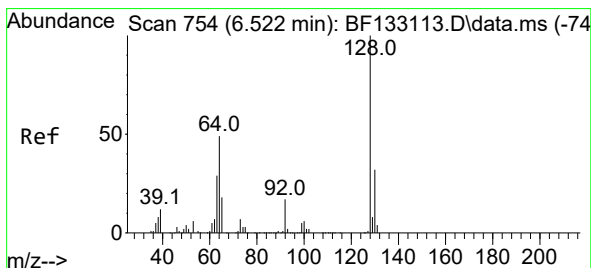
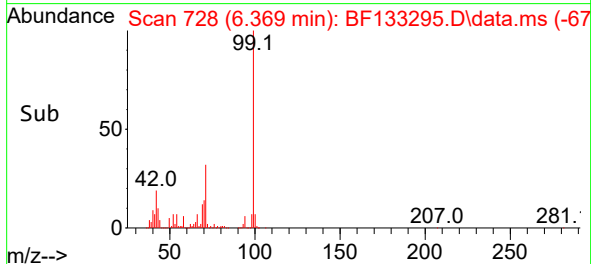
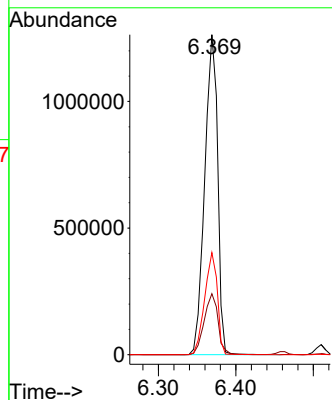
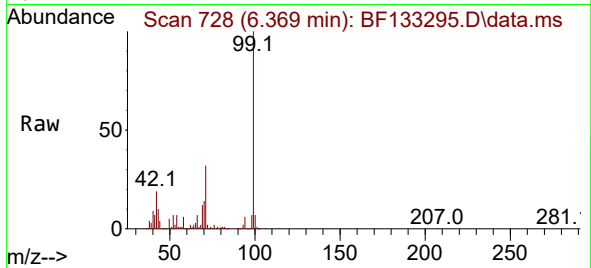




#7
Phenol-d6
Concen: 84.137 ng
RT: 6.369 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21

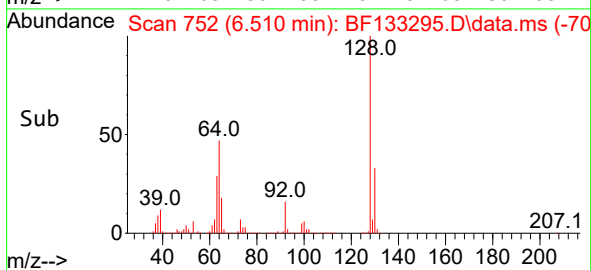
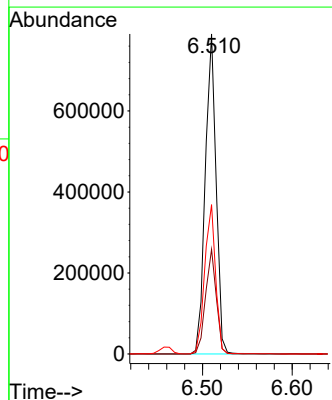
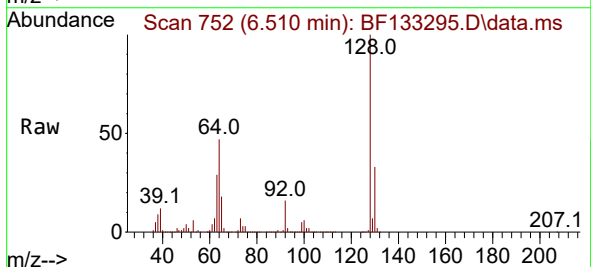
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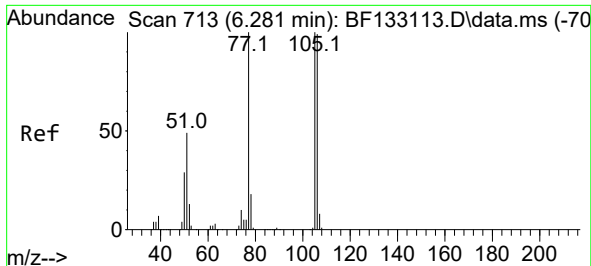
Tgt Ion: 99 Resp: 1462168
Ion Ratio Lower Upper
99 100
42 19.1 16.3 24.5
71 31.9 25.6 38.4



#8
2-Chlorophenol
Concen: 46.603 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21

Tgt Ion: 128 Resp: 662501
Ion Ratio Lower Upper
128 100
130 32.7 12.2 52.2
64 46.6 30.3 70.3

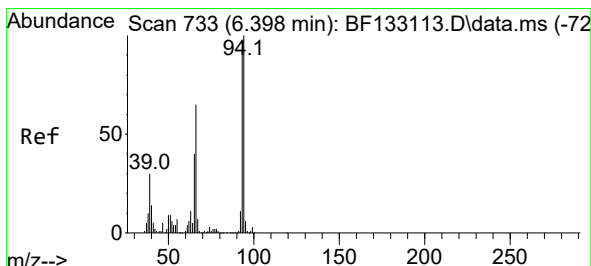
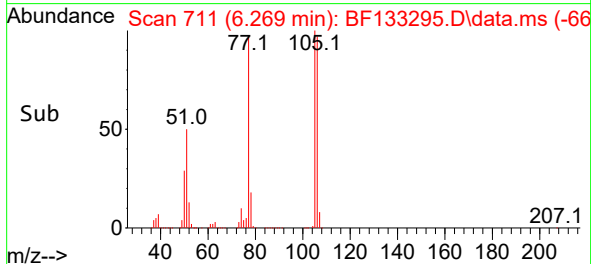
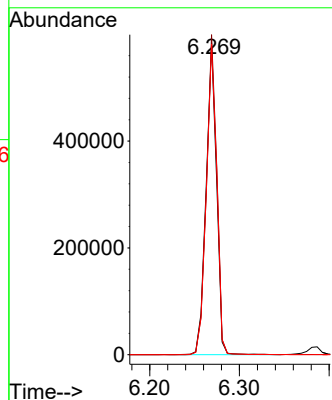
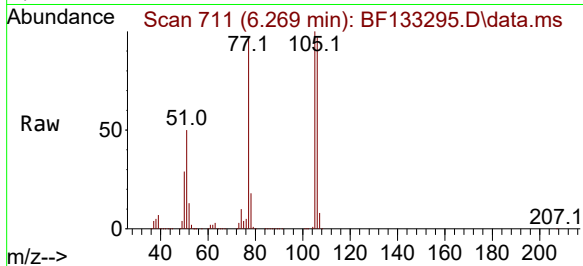




#9
Benzaldehyde
Concen: 89.557 ng
RT: 6.269 min Scan# 711
Delta R.T. 0.000 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21

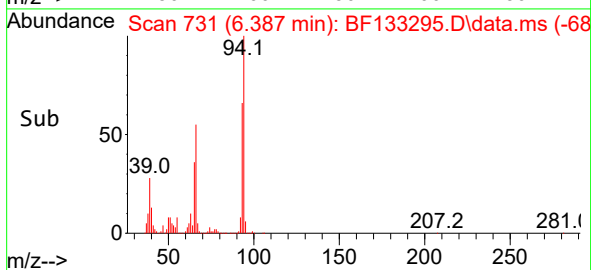
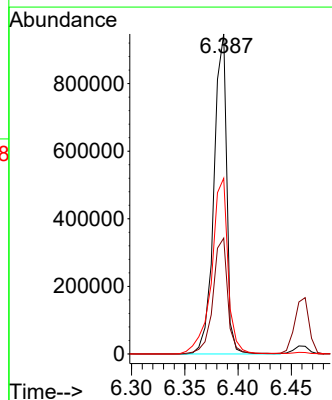
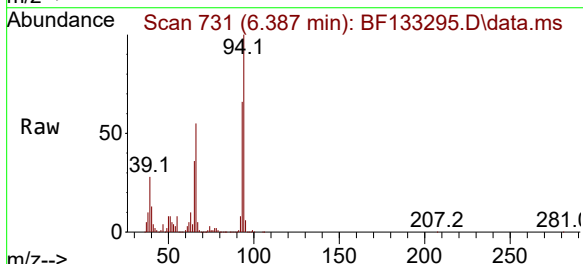
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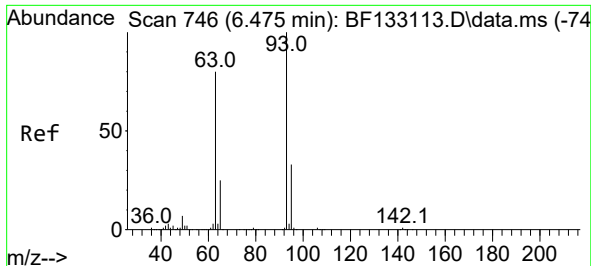
Tgt Ion: 77 Resp: 471218
Ion Ratio Lower Upper
77 100
105 102.7 82.3 122.3
106 99.7 80.8 120.8



#10
Phenol
Concen: 41.416 ng
RT: 6.387 min Scan# 731
Delta R.T. 0.000 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21

Tgt Ion: 94 Resp: 794021
Ion Ratio Lower Upper
94 100
65 36.2 8.6 48.6
66 54.9 17.3 57.3





#11

bis(2-Chloroethyl)ether

Concen: 44.085 ng

RT: 6.463 min Scan# 746

Delta R.T. 0.000 min

Lab File: BF133295.D

Acq: 08 May 2023 15:21

Instrument :

BNA_F

ClientSampleId :

SS-2MS

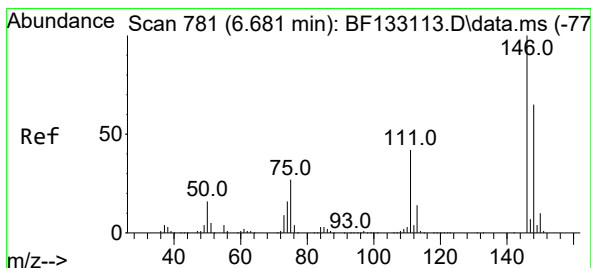
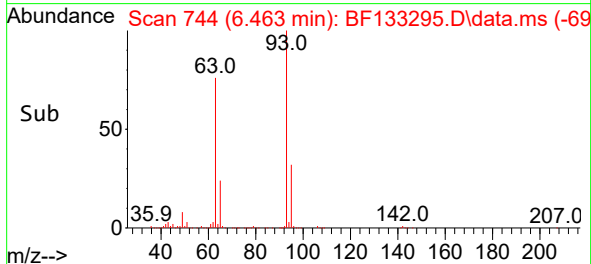
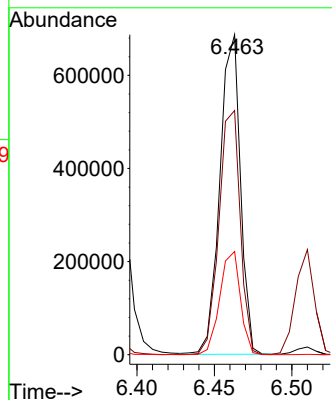
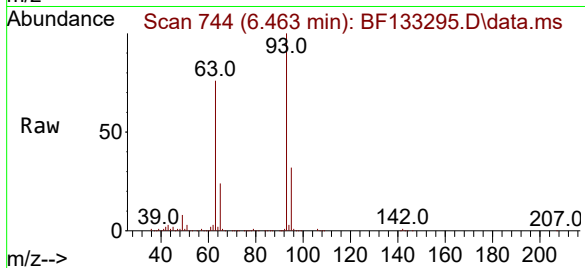
Tgt Ion: 93 Resp: 634227

Ion Ratio Lower Upper

93 100

63 76.3 60.6 100.6

95 32.3 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 46.280 ng

RT: 6.663 min Scan# 778

Delta R.T. 0.000 min

Lab File: BF133295.D

Acq: 08 May 2023 15:21

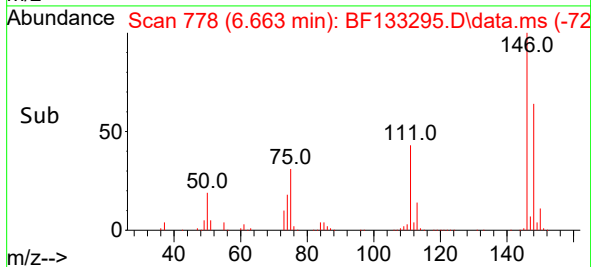
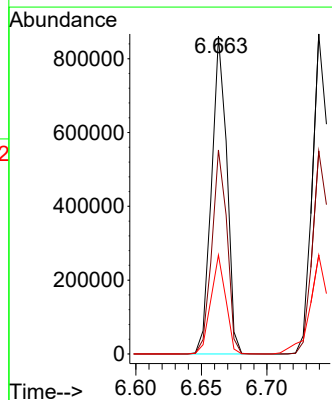
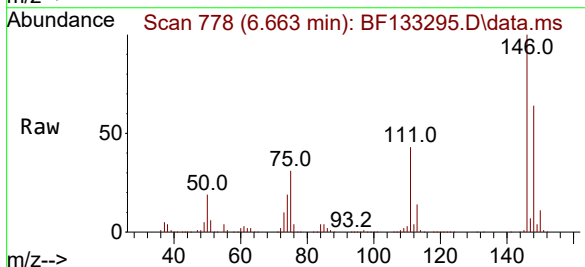
Tgt Ion:146 Resp: 699482

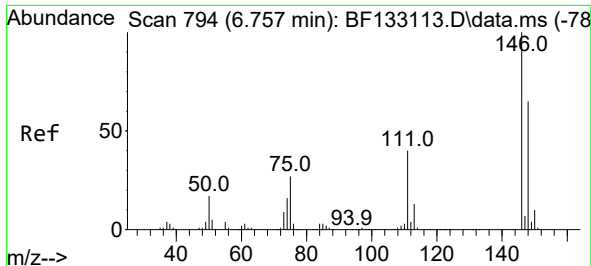
Ion Ratio Lower Upper

146 100

148 64.2 51.0 76.4

75 31.1 24.8 37.2





#13

1,4-Dichlorobenzene

Concen: 46.397 ng

RT: 6.739 min Scan# 794

Delta R.T. 0.000 min

Lab File: BF133295.D

Acq: 08 May 2023 15:21

Instrument :

BNA_F

ClientSampleId :

SS-2MS

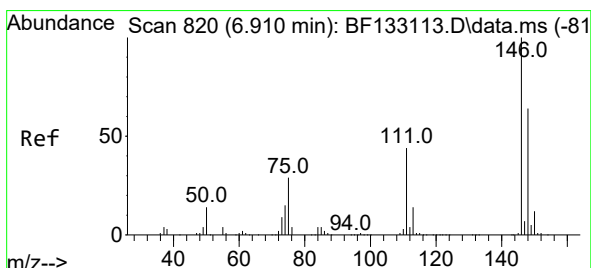
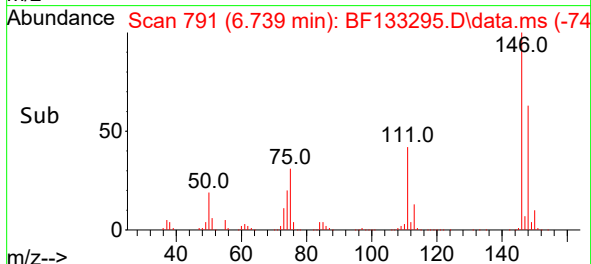
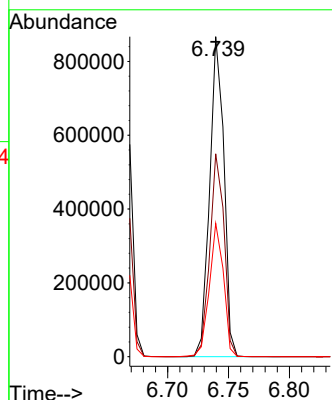
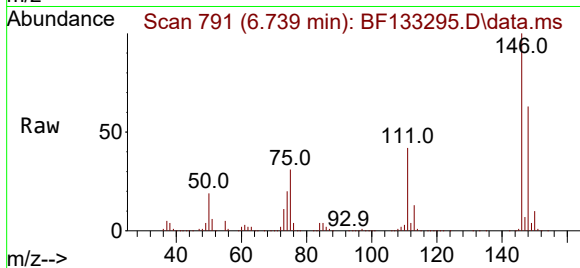
Tgt Ion:146 Resp: 702795

Ion Ratio Lower Upper

146 100

148 63.4 50.3 75.5

111 41.7 33.8 50.6



#14

1,2-Dichlorobenzene

Concen: 48.134 ng

RT: 6.892 min Scan# 817

Delta R.T. -0.006 min

Lab File: BF133295.D

Acq: 08 May 2023 15:21

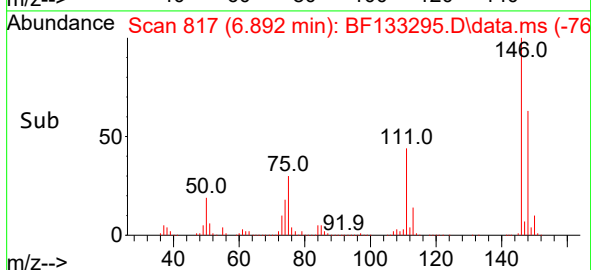
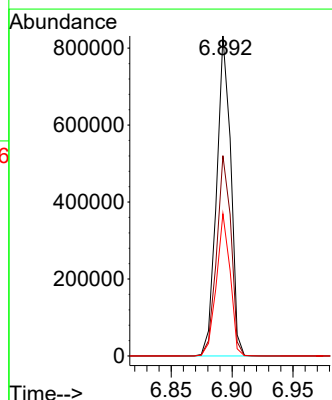
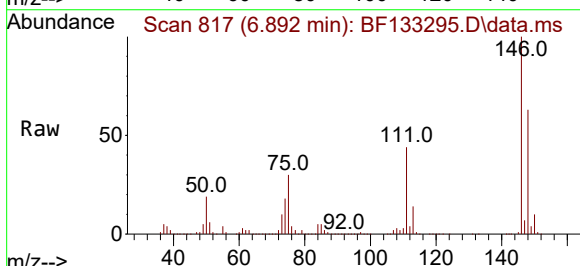
Tgt Ion:146 Resp: 672194

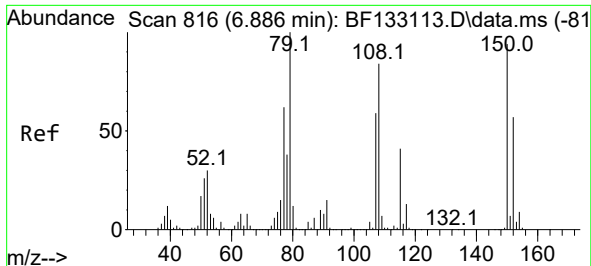
Ion Ratio Lower Upper

146 100

148 62.6 52.2 78.2

111 44.4 32.8 49.2

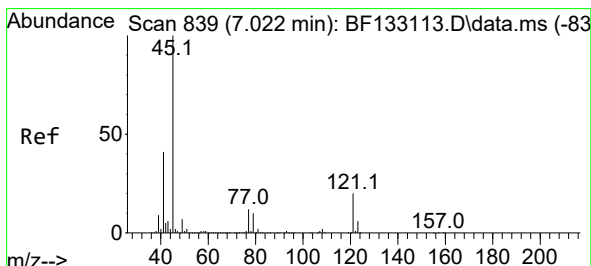
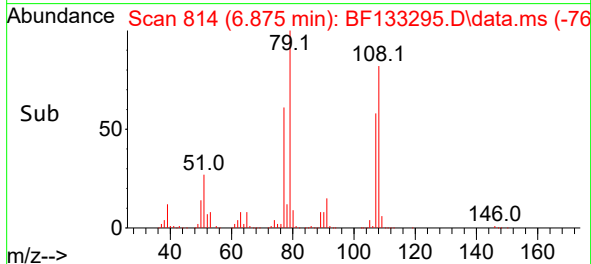
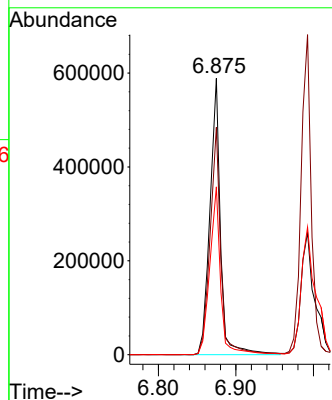
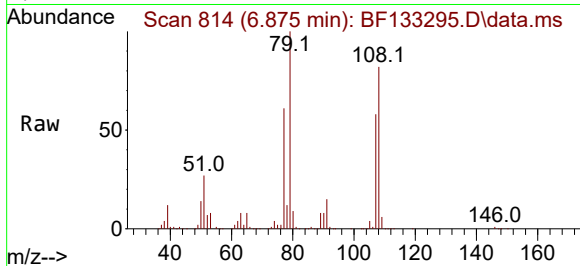




#15
Benzyl Alcohol
Concen: 46.510 ng
RT: 6.875 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21

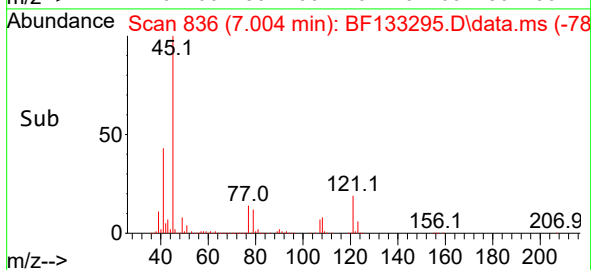
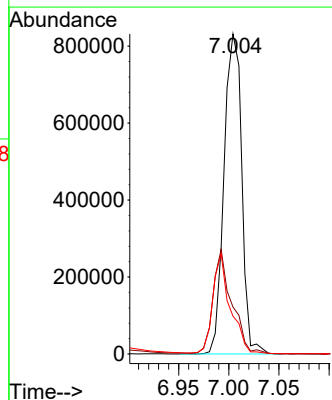
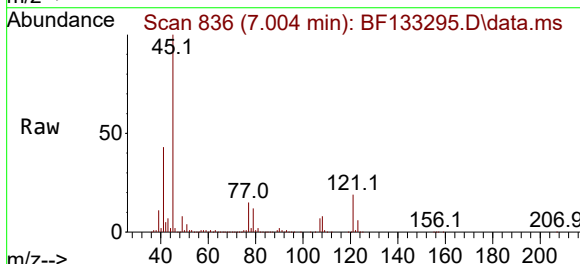
Instrument :
BNA_F
ClientSampleId :
SS-2MS

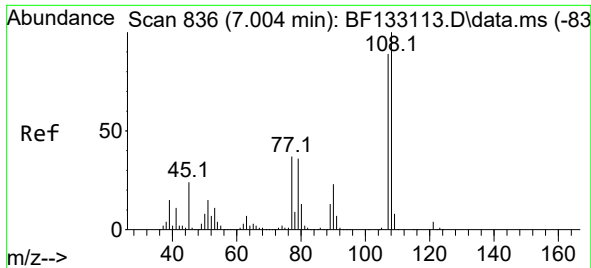
Tgt Ion: 79 Resp: 558330
Ion Ratio Lower Upper
79 100
108 82.3 66.6 99.8
77 60.8 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.772 ng
RT: 7.004 min Scan# 836
Delta R.T. -0.006 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21

Tgt Ion: 45 Resp: 1018788
Ion Ratio Lower Upper
45 100
77 14.6 0.0 31.5
79 11.8 0.0 28.7



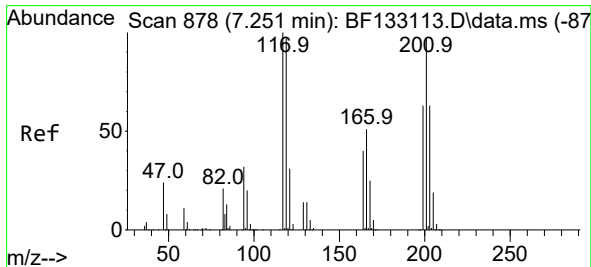
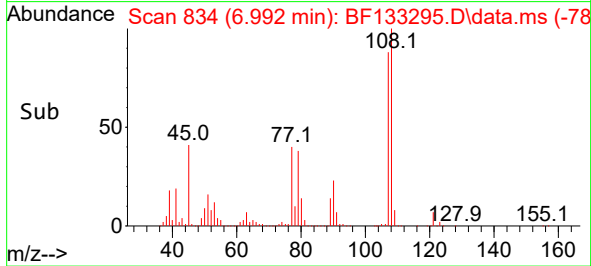
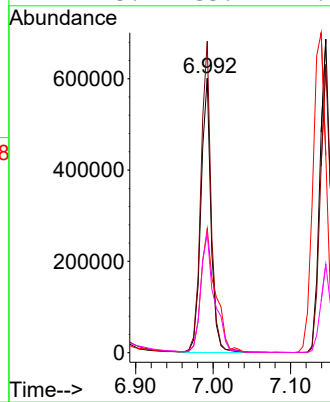
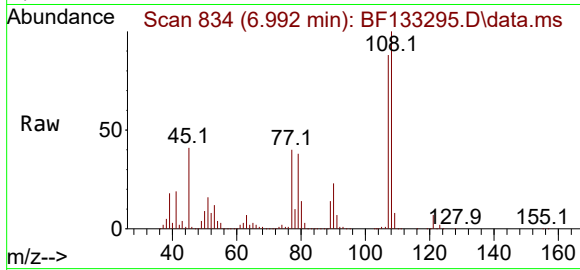


#17
2-Methylphenol
Concen: 42.097 ng
RT: 6.992 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21

Instrument :
BNA_F
ClientSampleId :
SS-2MS

Tgt Ion:107 Resp: 547983

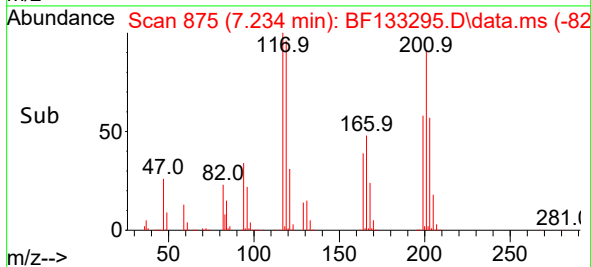
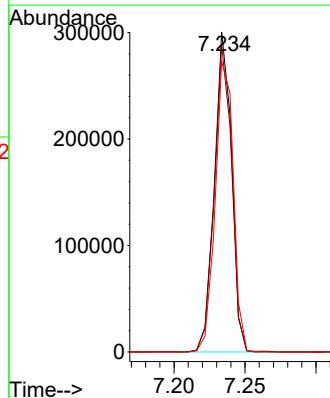
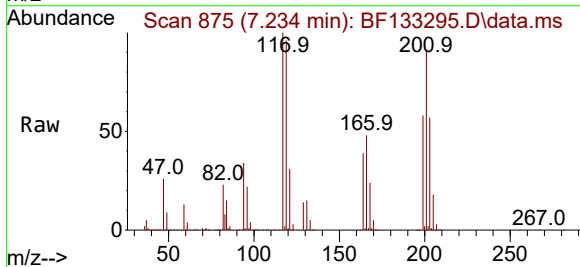
Ion	Ratio	Lower	Upper
107	100		
108	113.4	92.4	138.6
77	45.2	33.8	50.8
79	43.4	33.1	49.7

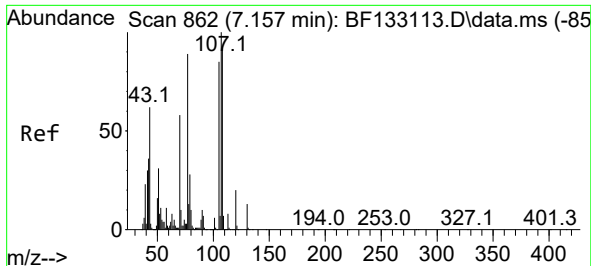


#18
Hexachloroethane
Concen: 48.195 ng
RT: 7.234 min Scan# 875
Delta R.T. -0.006 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21

Tgt Ion:117 Resp: 253808

Ion	Ratio	Lower	Upper
117	100		
119	95.7	78.2	117.4
201	90.7	81.7	122.5

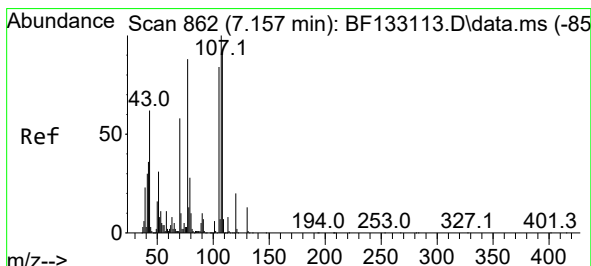
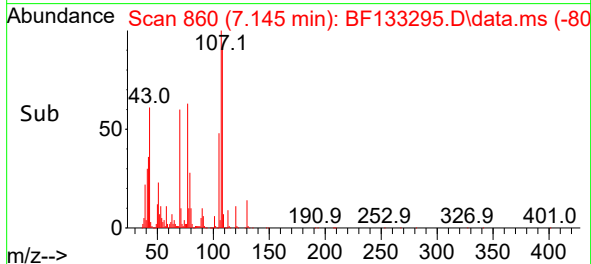
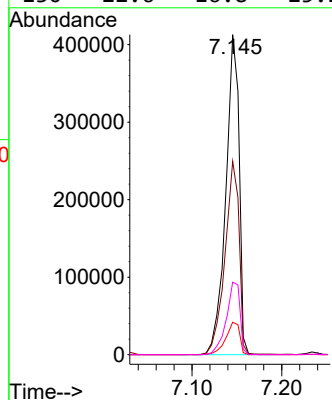
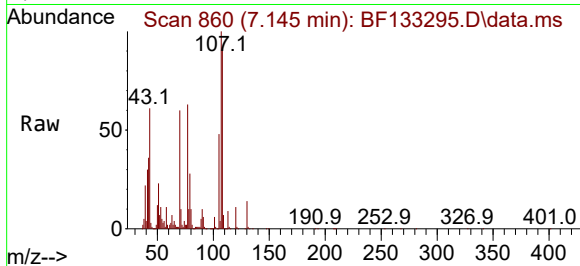




#19
n-Nitroso-di-n-propylamine
Concen: 39.422 ng
RT: 7.145 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21

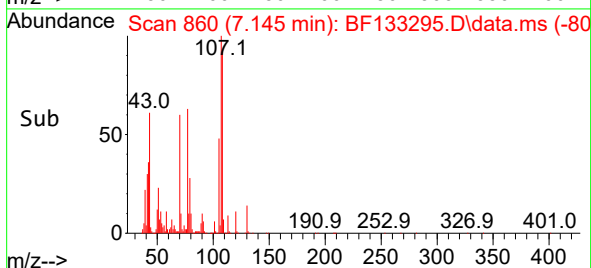
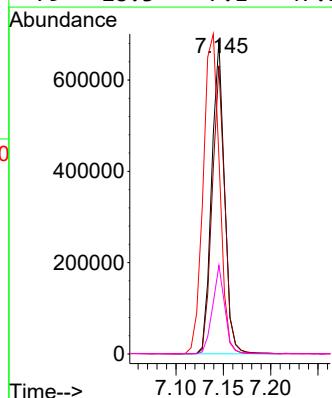
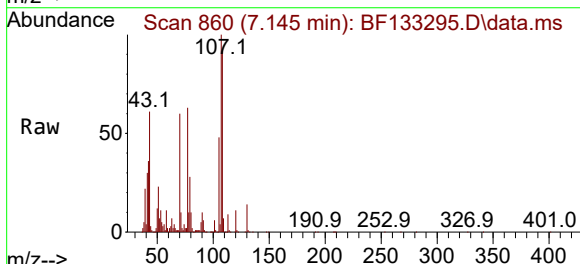
Instrument :
BNA_F
ClientSampleId :
SS-2MS

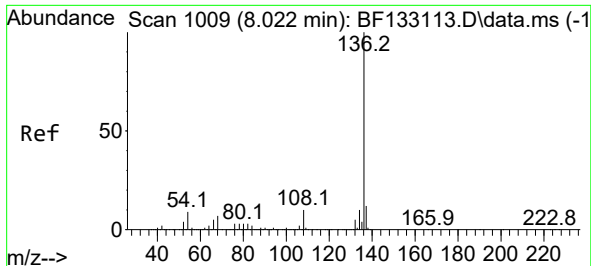
Tgt Ion:	70	Resp:	426508
Ion	Ratio	Lower	Upper
70	100		
42	60.5	51.8	77.6
101	10.2	8.0	12.0
130	22.6	16.8	25.2



#20
3+4-Methylphenols
Concen: 41.987 ng
RT: 7.145 min Scan# 860
Delta R.T. 0.000 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21

Tgt Ion:	107	Resp:	643651
Ion	Ratio	Lower	Upper
107	100		
108	91.9	70.5	110.5
77	62.9	91.7	131.7#
79	28.3	7.1	47.1

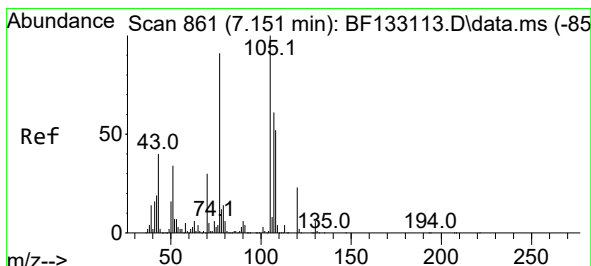
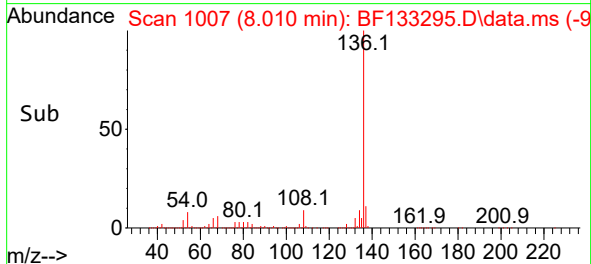
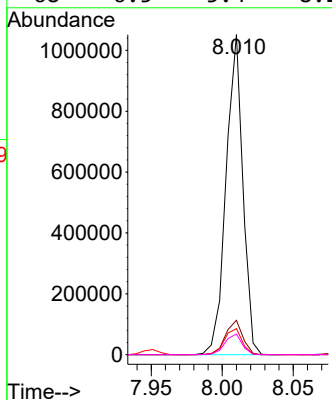
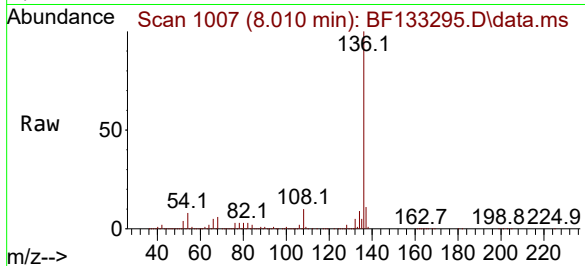




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 1009
Delta R.T. 0.000 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21

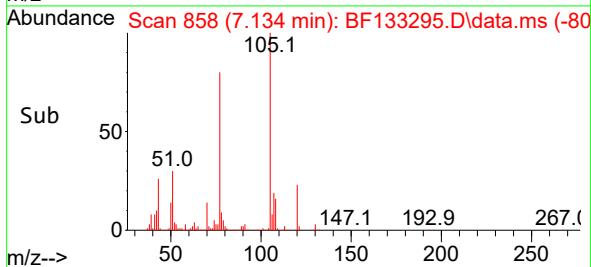
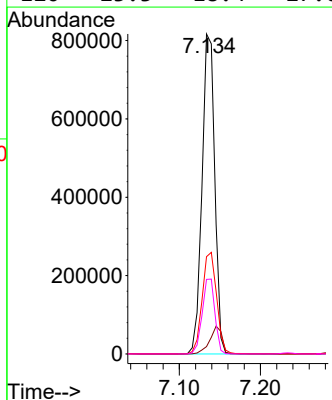
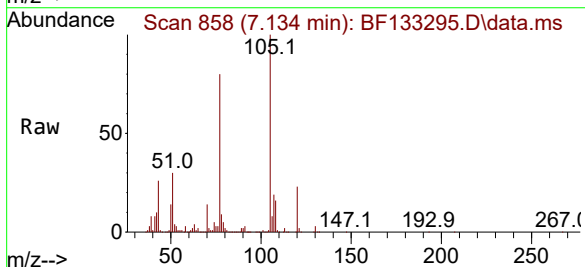
Instrument :
BNA_F
ClientSampleId :
SS-2MS

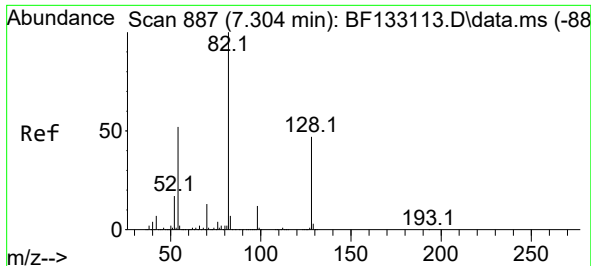
Tgt Ion:136 Resp: 865968
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.1 7.0 10.4
68 6.5 5.4 8.2



#22
Acetophenone
Concen: 44.303 ng
RT: 7.134 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21

Tgt Ion:105 Resp: 888715
Ion Ratio Lower Upper
105 100
71 2.3 4.6 7.0#
51 30.4 28.2 42.2
120 23.3 18.4 27.6





#23

Nitrobenzene-d5

Concen: 55.525 ng

RT: 7.292 min Scan# 885

Delta R.T. 0.000 min

Lab File: BF133295.D

Acq: 08 May 2023 15:21

Instrument :

BNA_F

ClientSampleId :

SS-2MS

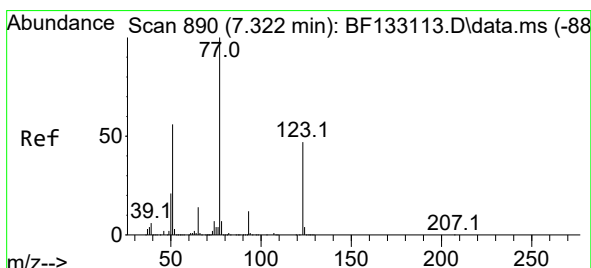
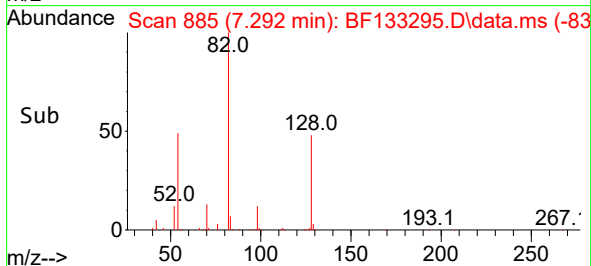
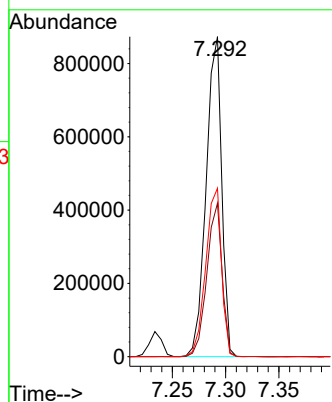
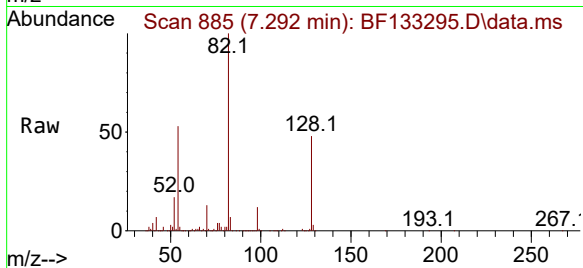
Tgt Ion: 82 Resp: 890799

Ion Ratio Lower Upper

82 100

128 48.0 37.7 56.5

54 52.6 43.0 64.4



#24

Nitrobenzene

Concen: 41.253 ng

RT: 7.310 min Scan# 888

Delta R.T. -0.006 min

Lab File: BF133295.D

Acq: 08 May 2023 15:21

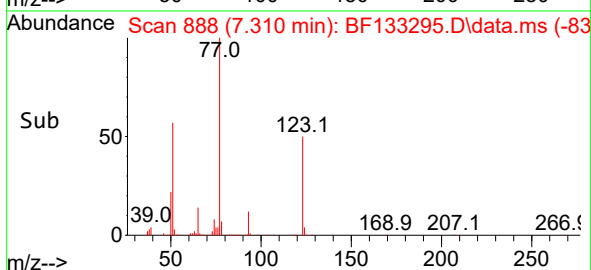
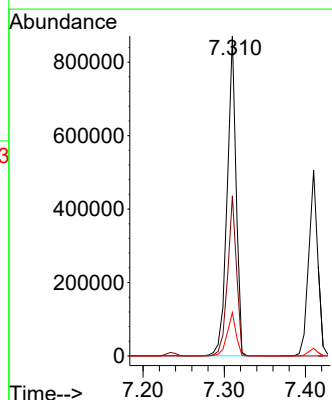
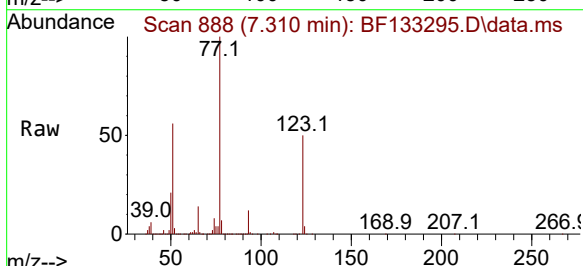
Tgt Ion: 77 Resp: 670661

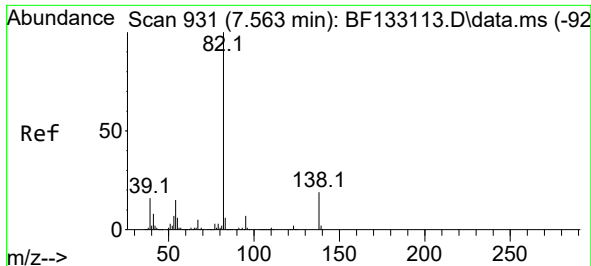
Ion Ratio Lower Upper

77 100

123 50.0 39.9 59.9

65 13.6 10.7 16.1

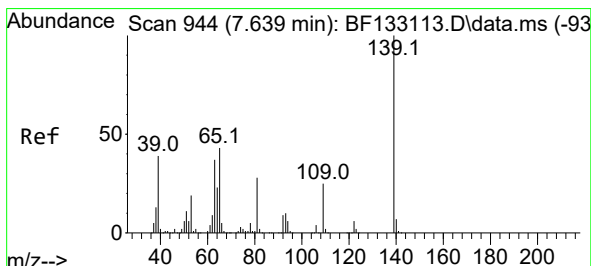
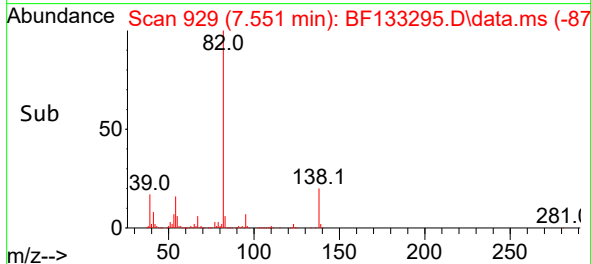
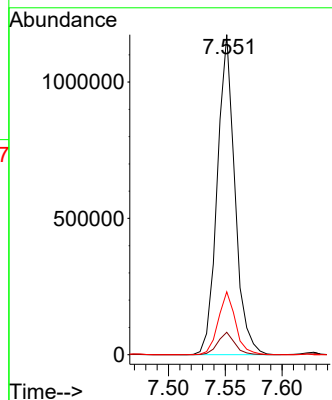
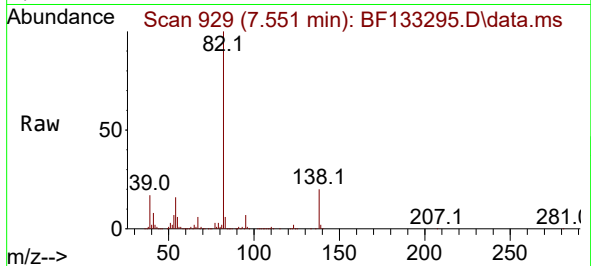




#25
Isophorone
Concen: 41.646 ng
RT: 7.551 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21

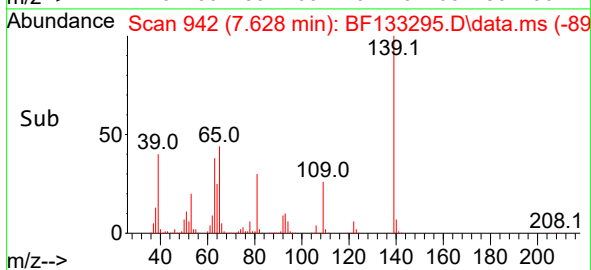
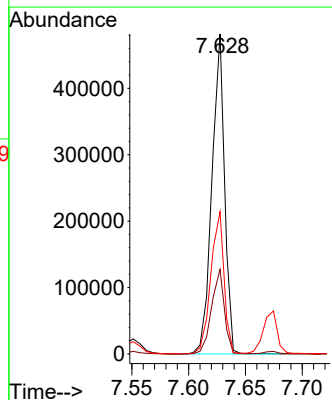
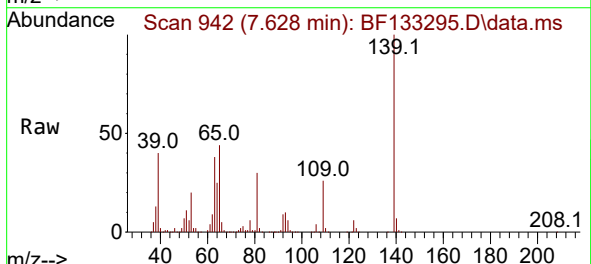
Instrument :
BNA_F
ClientSampleId :
SS-2MS

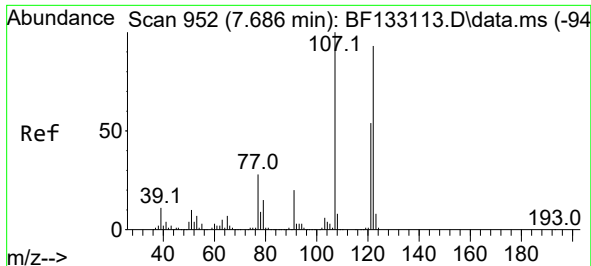
Tgt Ion: 82 Resp: 1268578
Ion Ratio Lower Upper
82 100
95 7.0 5.4 8.0
138 19.7 16.0 24.0



#26
2-Nitrophenol
Concen: 47.584 ng
RT: 7.628 min Scan# 942
Delta R.T. 0.000 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21

Tgt Ion: 139 Resp: 373117
Ion Ratio Lower Upper
139 100
109 26.5 21.6 32.4
65 44.4 39.8 59.6





#27

2,4-Dimethylphenol

Concen: 44.375 ng

RT: 7.675 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF133295.D

Acq: 08 May 2023 15:21

Instrument :

BNA_F

ClientSampleId :

SS-2MS

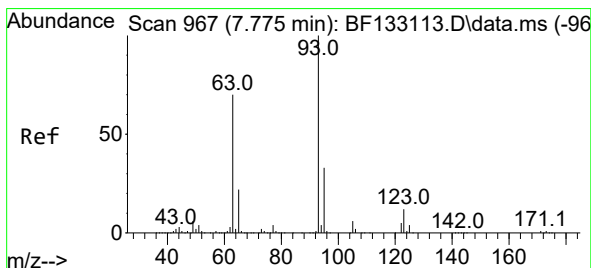
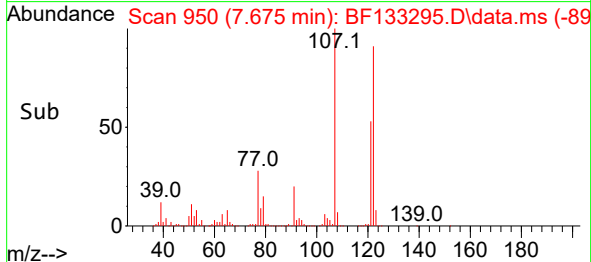
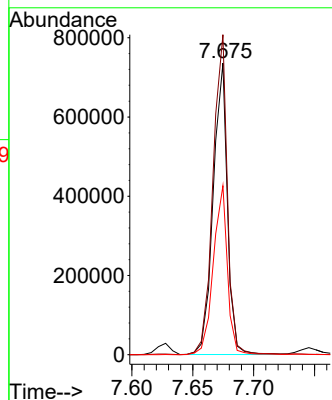
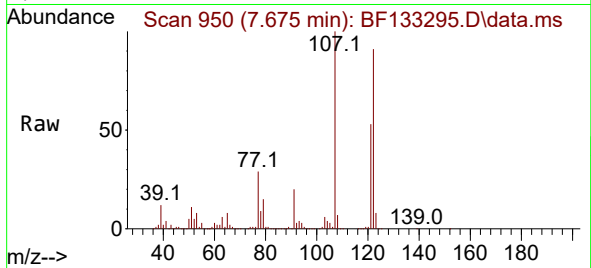
Tgt Ion:122 Resp: 596650

Ion Ratio Lower Upper

122 100

107 109.8 89.7 134.5

121 58.0 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 42.969 ng

RT: 7.763 min Scan# 965

Delta R.T. 0.000 min

Lab File: BF133295.D

Acq: 08 May 2023 15:21

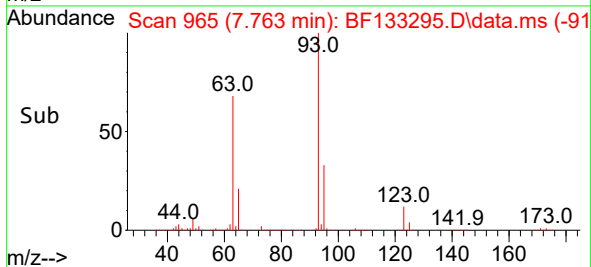
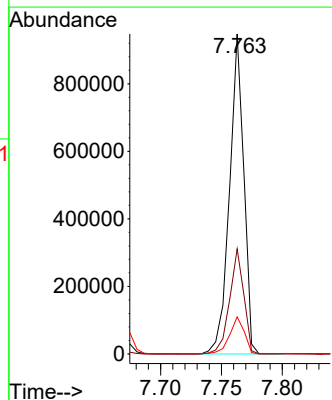
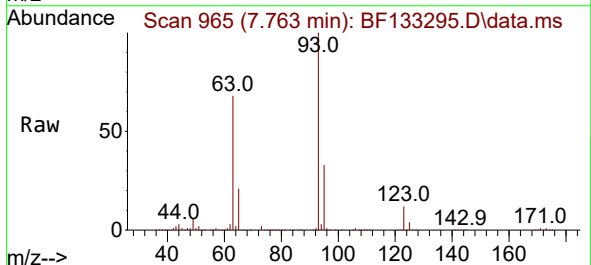
Tgt Ion: 93 Resp: 774303

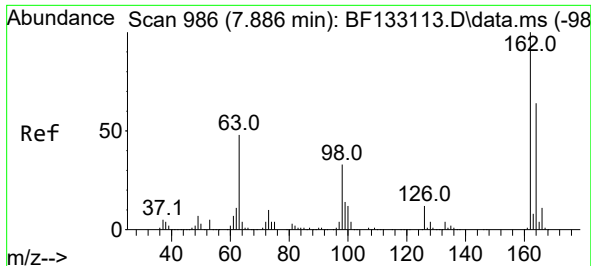
Ion Ratio Lower Upper

93 100

95 32.8 26.4 39.6

123 11.6 10.3 15.5





#29

2,4-Dichlorophenol

Concen: 44.788 ng

RT: 7.875 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF133295.D

Acq: 08 May 2023 15:21

Instrument :

BNA_F

ClientSampleId :

SS-2MS

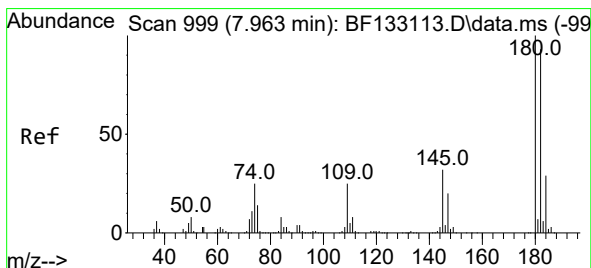
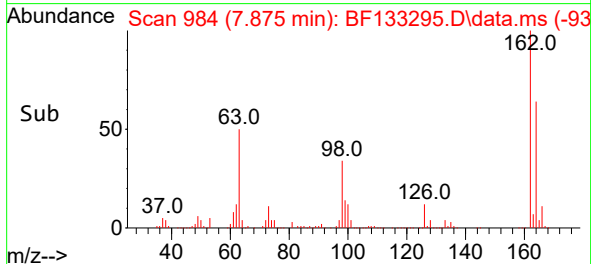
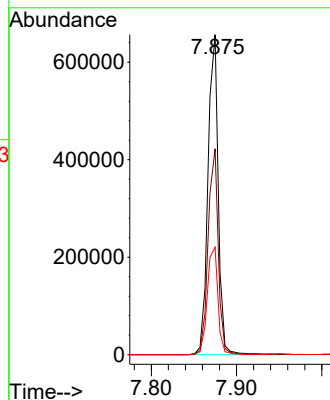
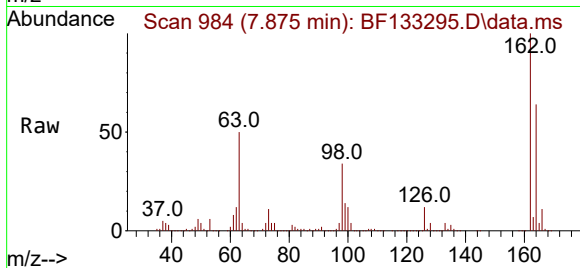
Tgt Ion:162 Resp: 548209

Ion Ratio Lower Upper

162 100

164 64.3 43.9 83.9

98 33.6 17.0 57.0



#30

1,2,4-Trichlorobenzene

Concen: 44.748 ng

RT: 7.951 min Scan# 997

Delta R.T. 0.000 min

Lab File: BF133295.D

Acq: 08 May 2023 15:21

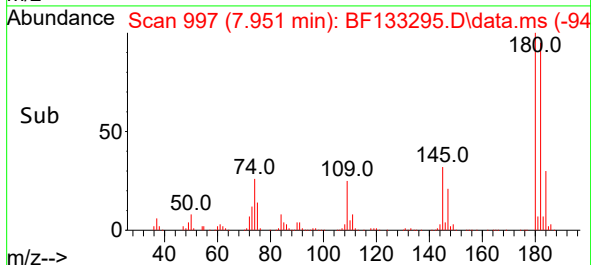
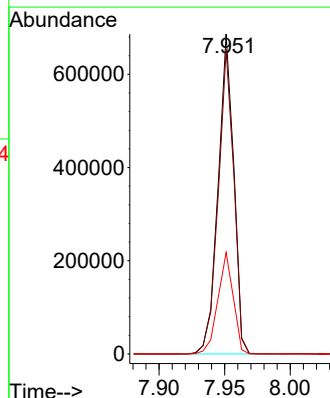
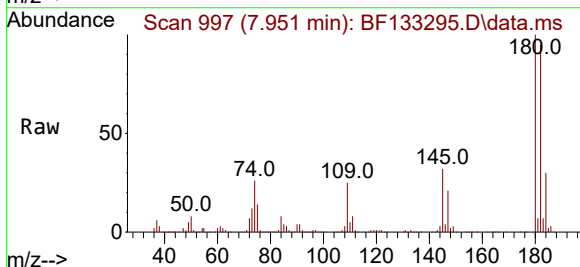
Tgt Ion:180 Resp: 567442

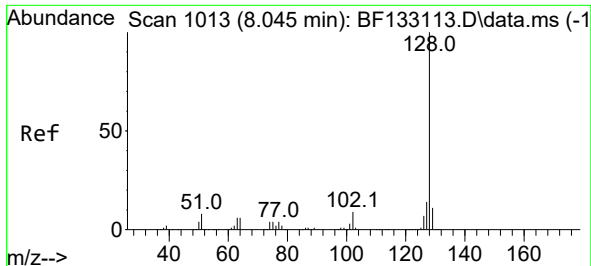
Ion Ratio Lower Upper

180 100

182 95.1 75.9 113.9

145 31.7 25.3 37.9

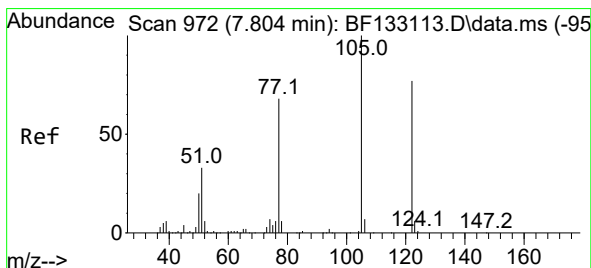
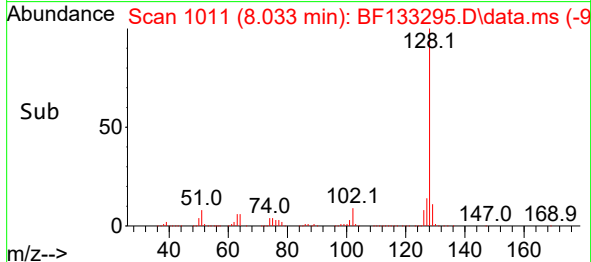
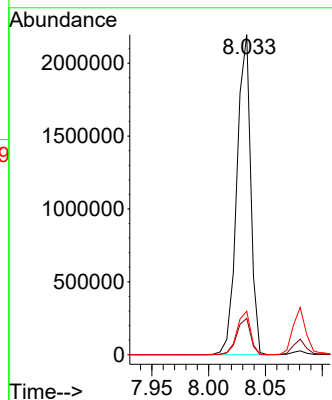
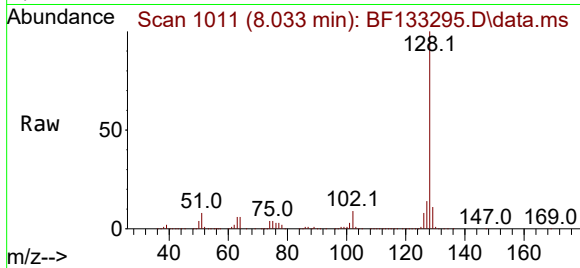




#31
Naphthalene
Concen: 42.669 ng
RT: 8.033 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21

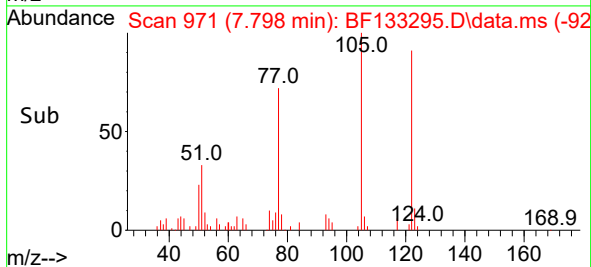
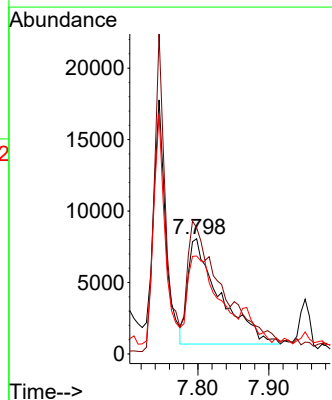
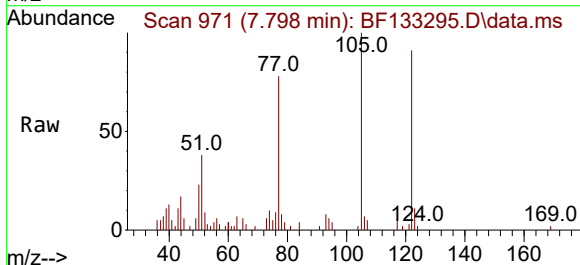
Instrument :
BNA_F
ClientSampleId :
SS-2MS

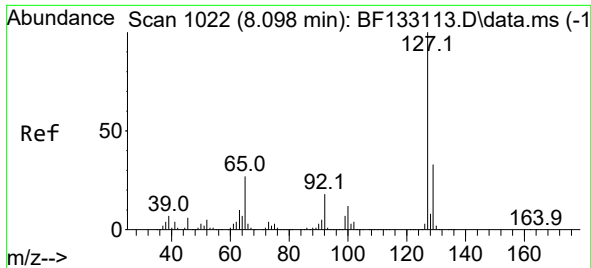
Tgt Ion:128 Resp: 1847373
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.6 10.7 16.1



#32
Benzoic acid
Concen: 2.774 ng
RT: 7.798 min Scan# 971
Delta R.T. -0.006 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21

Tgt Ion:122 Resp: 23038
Ion Ratio Lower Upper
122 100
105 109.5 104.2 144.2
77 85.1 69.7 109.7

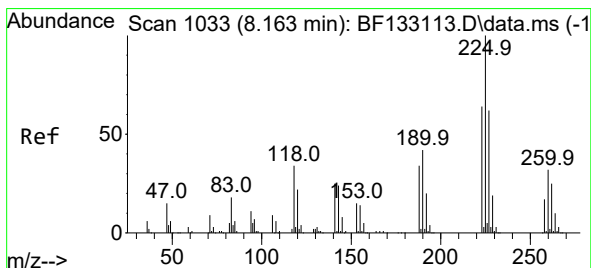
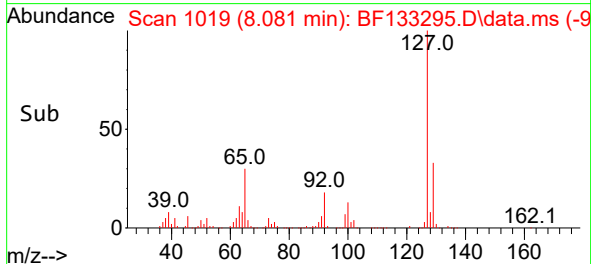
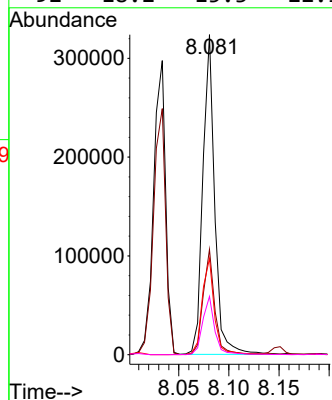
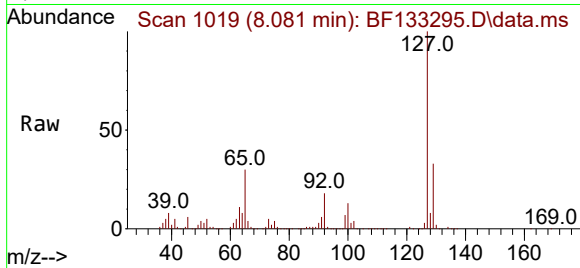




#33
4-Chloroaniline
Concen: 15.307 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21

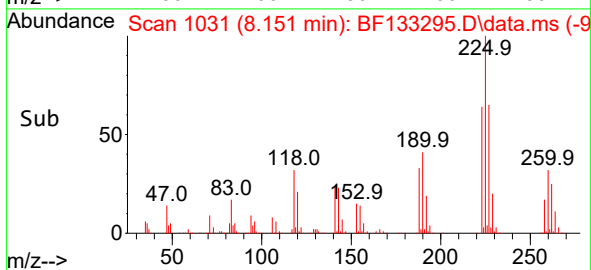
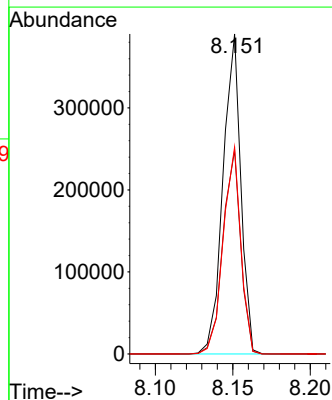
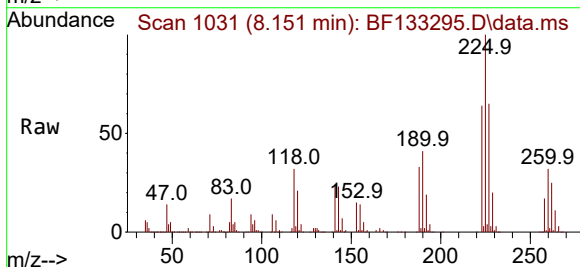
Instrument :
BNA_F
ClientSampleId :
SS-2MS

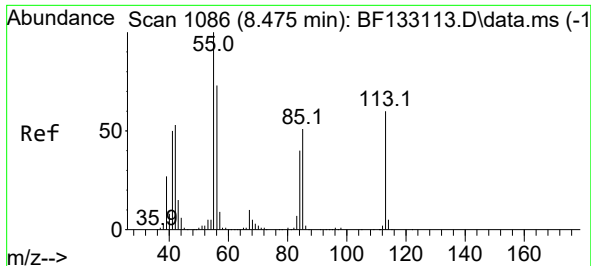
Tgt Ion:	127	Resp:	267766
Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.8	38.8
65	30.1	23.6	35.4
92	18.2	15.3	22.9



#34
Hexachlorobutadiene
Concen: 44.267 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21

Tgt Ion:	225	Resp:	311121
Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.9	76.3
227	64.7	50.3	75.5

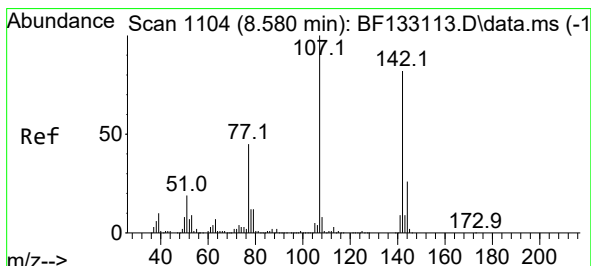
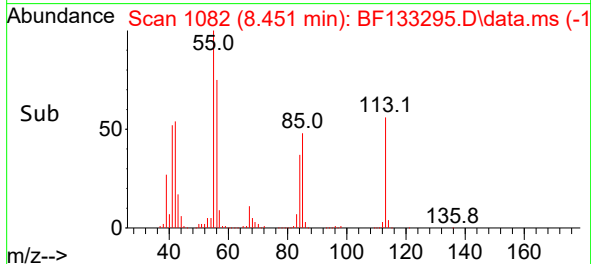
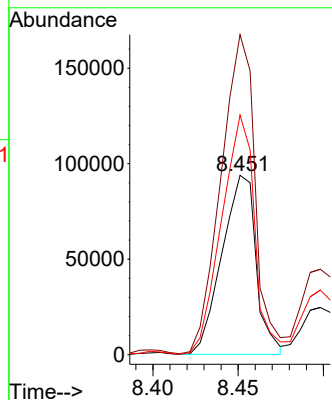
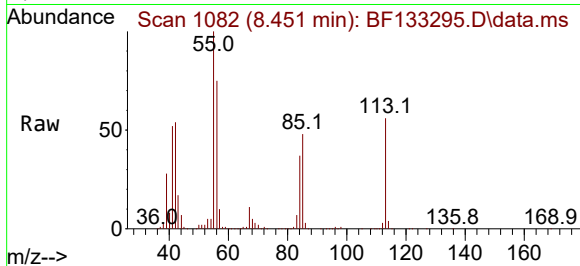




#35
Caprolactam
Concen: 31.822 ng
RT: 8.451 min Scan# 1086
Delta R.T. -0.012 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21

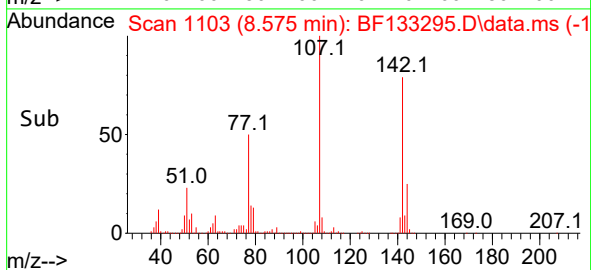
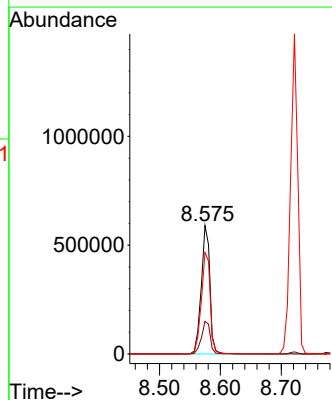
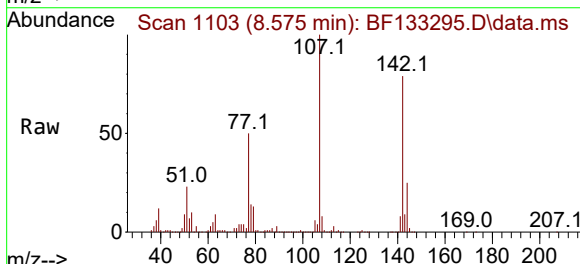
Instrument :
BNA_F
ClientSampleId :
SS-2MS

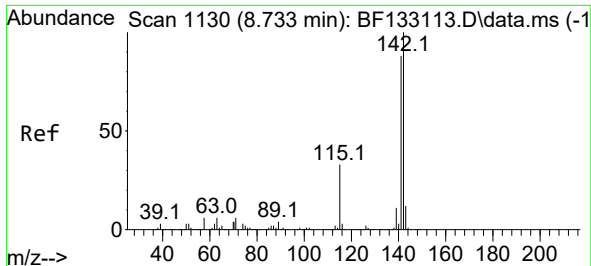
Tgt Ion:113 Resp: 130851
Ion Ratio Lower Upper
113 100
55 178.4 167.1 207.1
56 133.6 114.5 154.5



#36
4-Chloro-3-methylphenol
Concen: 44.224 ng
RT: 8.575 min Scan# 1103
Delta R.T. 0.006 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21

Tgt Ion:107 Resp: 583730
Ion Ratio Lower Upper
107 100
144 25.5 20.6 30.8
142 79.1 62.8 94.2

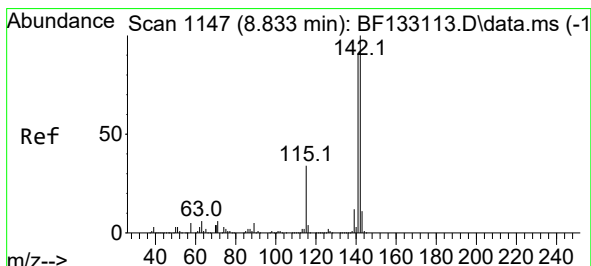
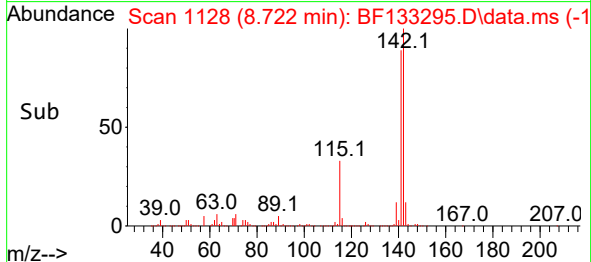
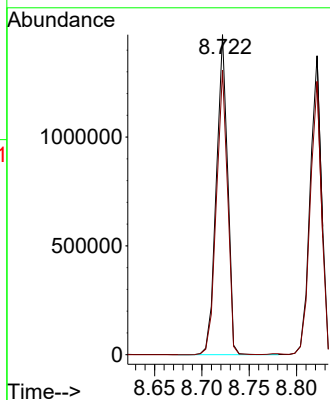
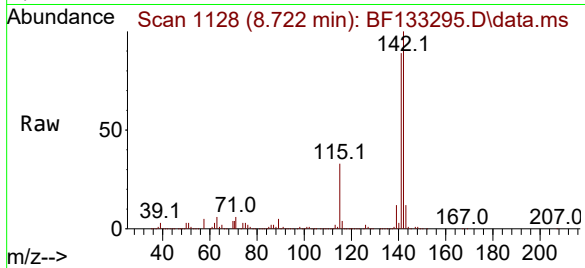




#37
2-Methylnaphthalene
Concen: 40.997 ng
RT: 8.722 min Scan# 1130
Delta R.T. 0.000 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21

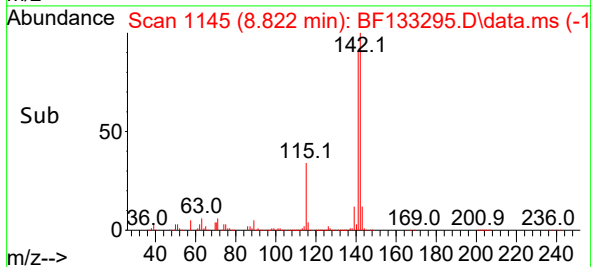
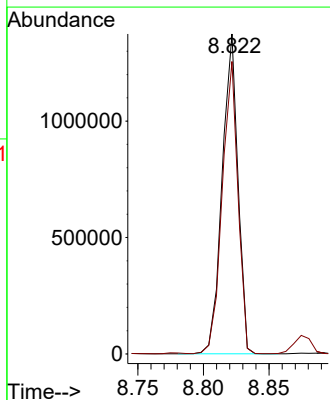
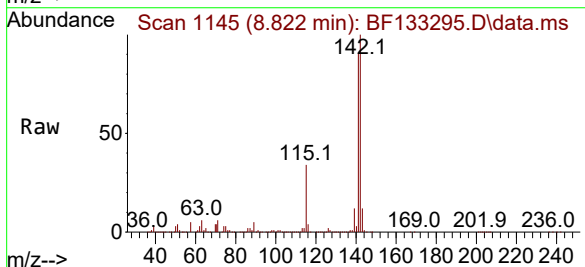
Instrument :
BNA_F
ClientSampleId :
SS-2MS

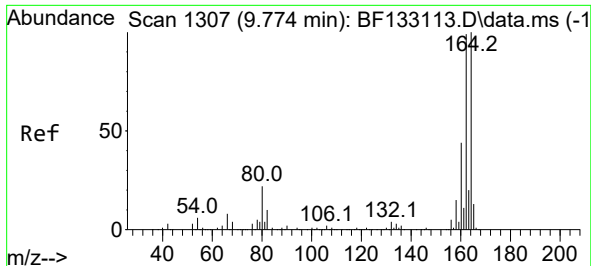
Tgt Ion:142 Resp: 1213526
Ion Ratio Lower Upper
142 100
141 88.8 69.4 104.0



#38
1-Methylnaphthalene
Concen: 41.427 ng
RT: 8.822 min Scan# 1145
Delta R.T. 0.000 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21

Tgt Ion:142 Resp: 1147134
Ion Ratio Lower Upper
142 100
141 91.4 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.763 min Scan# 1157

Delta R.T. 0.000 min

Lab File: BF133295.D

Acq: 08 May 2023 15:21

Instrument :

BNA_F

ClientSampleId :

SS-2MS

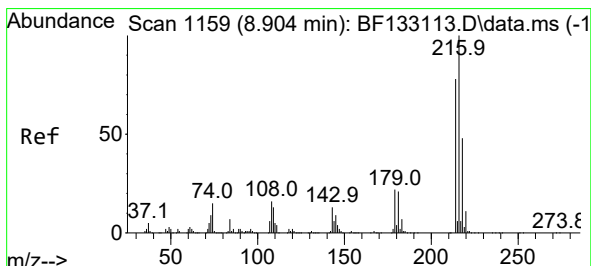
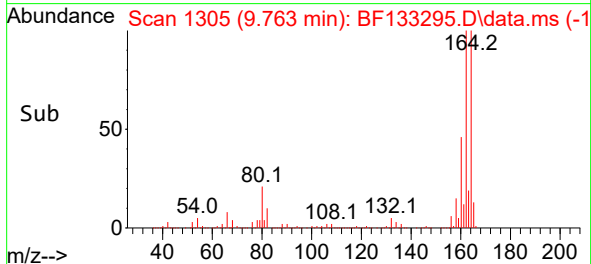
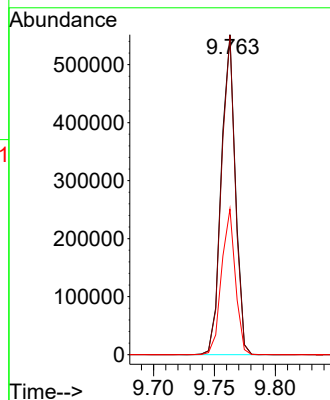
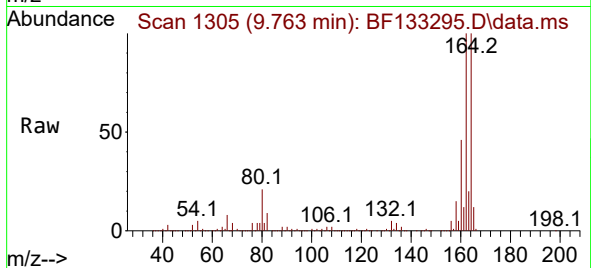
Tgt Ion:164 Resp: 445456

Ion Ratio Lower Upper

164 100

162 99.8 78.7 118.1

160 45.5 35.8 53.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.680 ng

RT: 8.892 min Scan# 1157

Delta R.T. 0.000 min

Lab File: BF133295.D

Acq: 08 May 2023 15:21

Tgt Ion:216 Resp: 499206

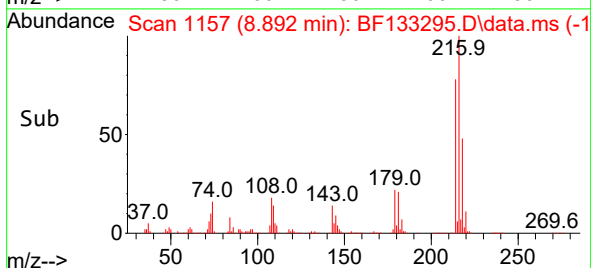
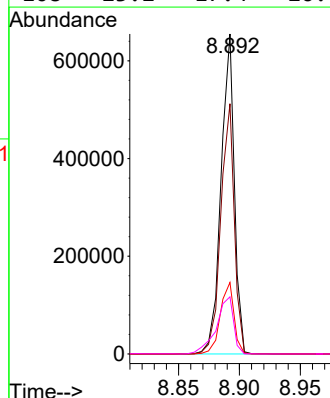
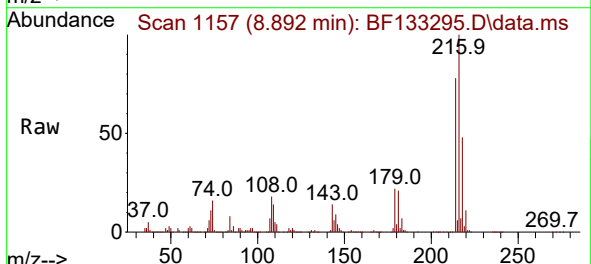
Ion Ratio Lower Upper

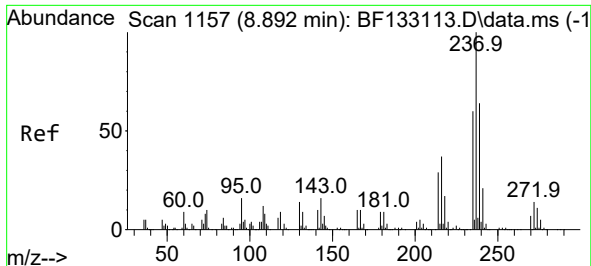
216 100

214 79.5 63.5 95.3

179 23.0 17.4 26.2

108 23.2 17.4 26.0

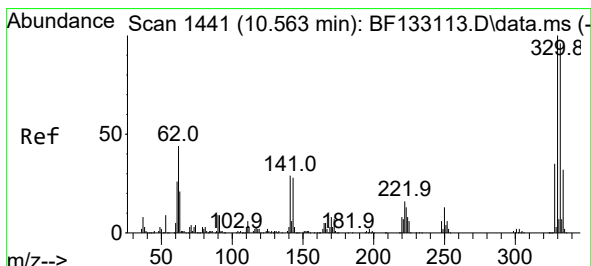
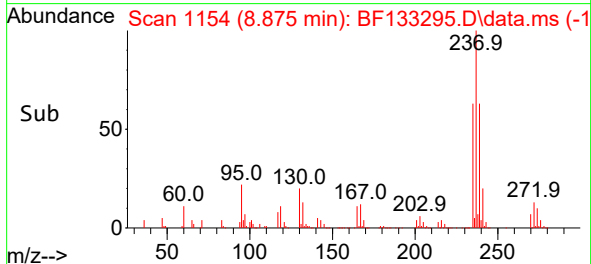
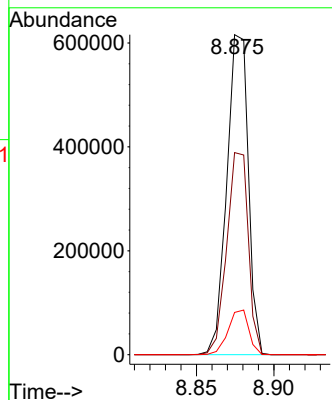
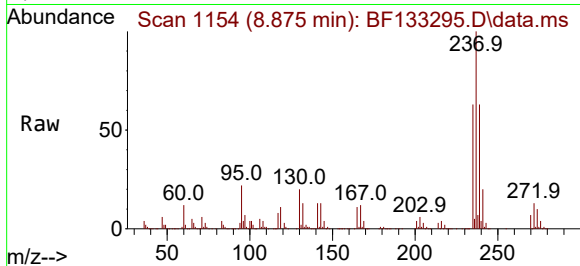




#41
Hexachlorocyclopentadiene
Concen: 85.323 ng
RT: 8.875 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21

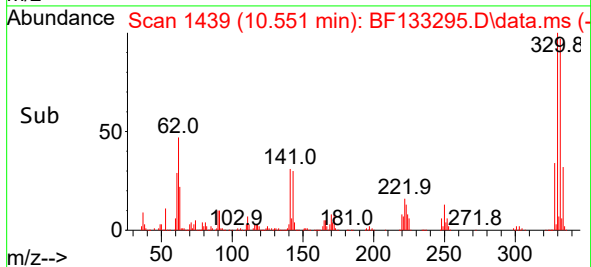
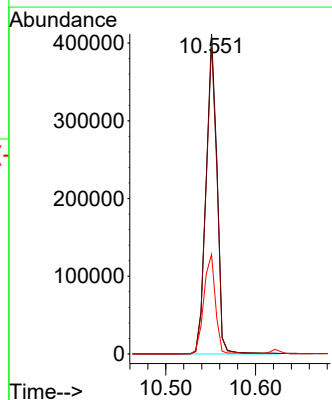
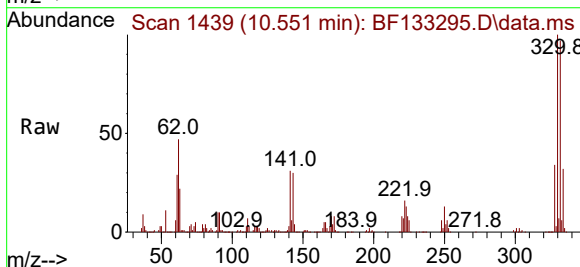
Instrument :
BNA_F
ClientSampleId :
SS-2MS

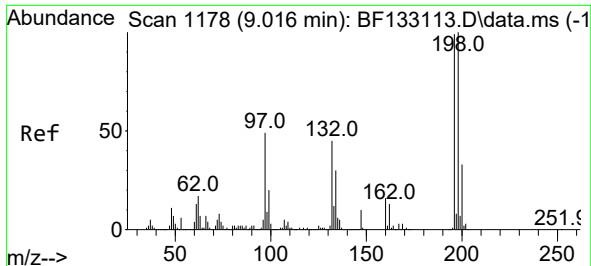
Tgt Ion: 237 Resp: 595986
Ion Ratio Lower Upper
237 100
235 63.2 43.5 83.5
272 13.2 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 77.579 ng
RT: 10.551 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21

Tgt Ion: 330 Resp: 347547
Ion Ratio Lower Upper
330 100
332 97.3 77.1 115.7
141 33.3 25.8 38.8

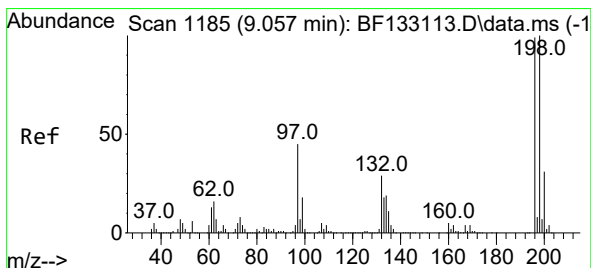
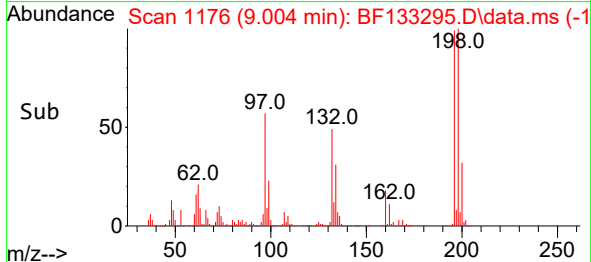
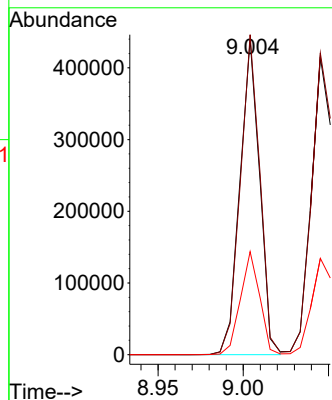
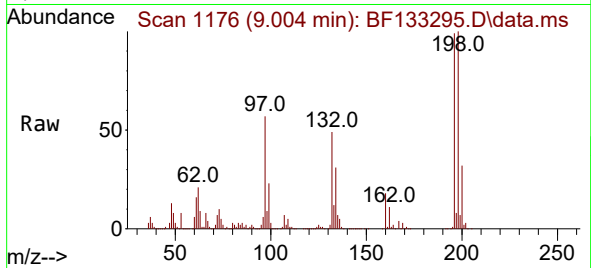




#43
 2,4,6-Trichlorophenol
 Concen: 42.672 ng
 RT: 9.004 min Scan# 1176
 Delta R.T. 0.000 min
 Lab File: BF133295.D
 Acq: 08 May 2023 15:21

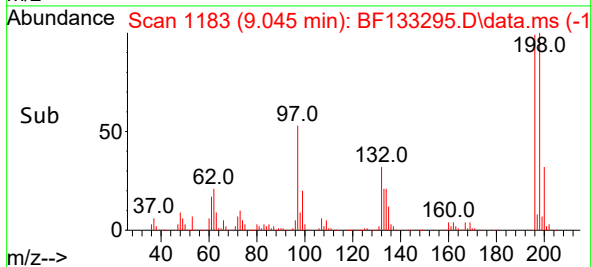
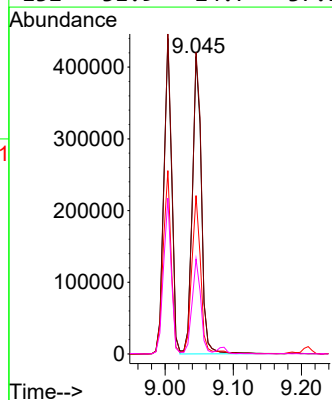
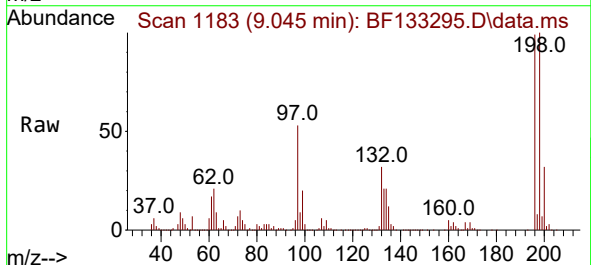
Instrument :
 BNA_F
 ClientSampleId :
 SS-2MS

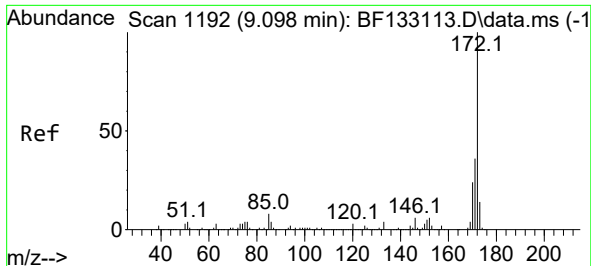
Tgt Ion:196 Resp: 353454
 Ion Ratio Lower Upper
 196 100
 198 101.4 81.0 121.6
 200 32.7 26.1 39.1



#44
 2,4,5-Trichlorophenol
 Concen: 40.030 ng
 RT: 9.045 min Scan# 1183
 Delta R.T. 0.000 min
 Lab File: BF133295.D
 Acq: 08 May 2023 15:21

Tgt Ion:196 Resp: 383469
 Ion Ratio Lower Upper
 196 100
 198 101.3 80.9 121.3
 97 53.3 41.3 61.9
 132 31.9 24.7 37.1





#45

2-Fluorobiphenyl

Concen: 57.306 ng

RT: 9.086 min Scan# 1192

Delta R.T. 0.000 min

Lab File: BF133295.D

Acq: 08 May 2023 15:21

Instrument :

BNA_F

ClientSampleId :

SS-2MS

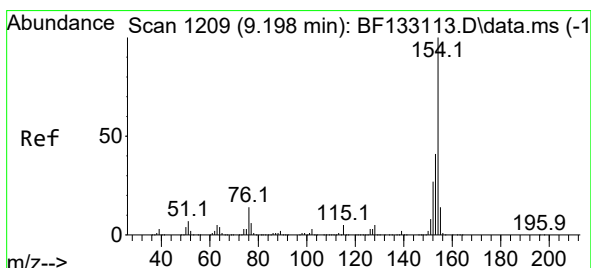
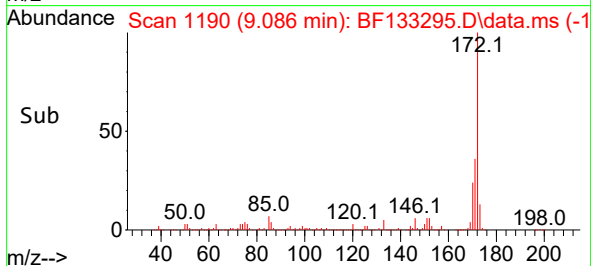
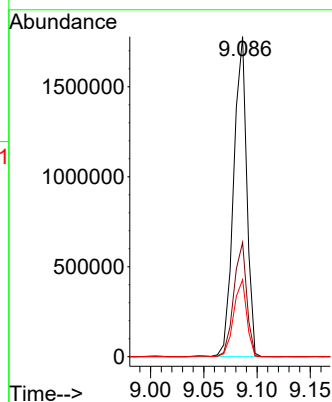
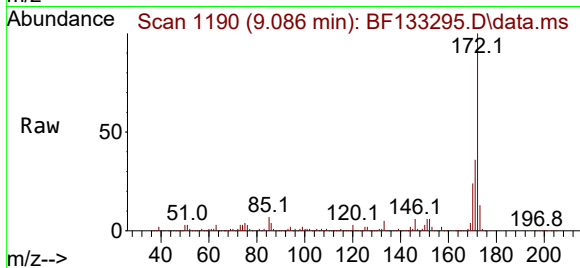
Tgt Ion:172 Resp: 1525831

Ion Ratio Lower Upper

172 100

171 35.7 28.8 43.2

170 24.0 19.4 29.2



#46

1,1'-Biphenyl

Concen: 41.949 ng

RT: 9.186 min Scan# 1207

Delta R.T. 0.000 min

Lab File: BF133295.D

Acq: 08 May 2023 15:21

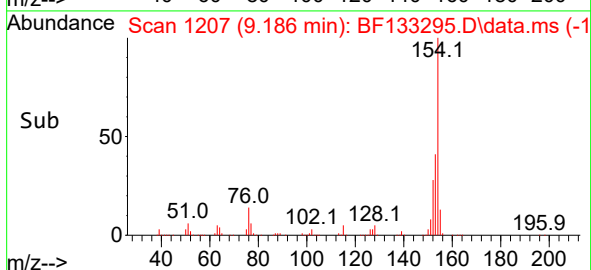
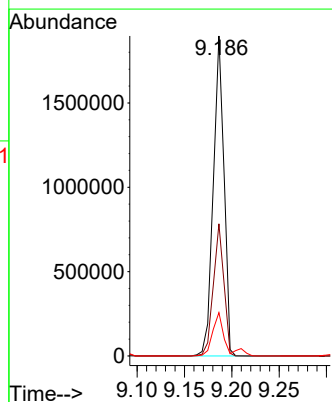
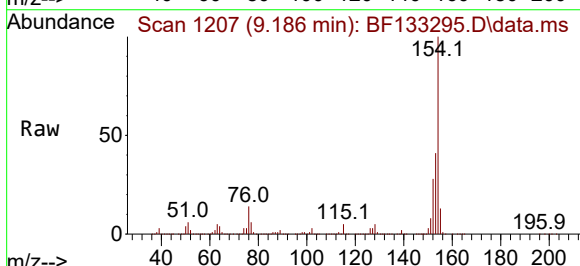
Tgt Ion:154 Resp: 1481744

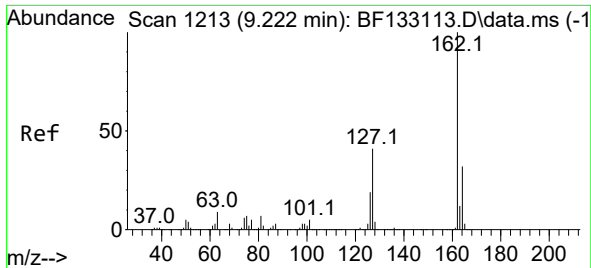
Ion Ratio Lower Upper

154 100

153 41.3 21.0 61.0

76 13.5 0.0 34.5

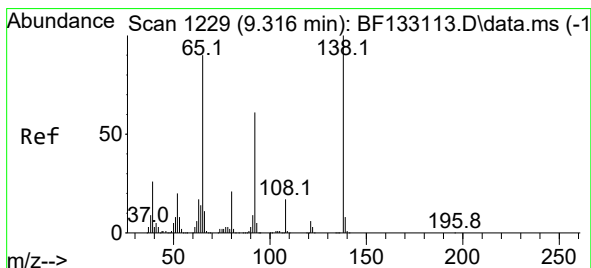
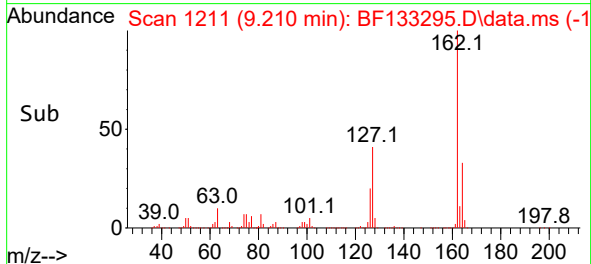
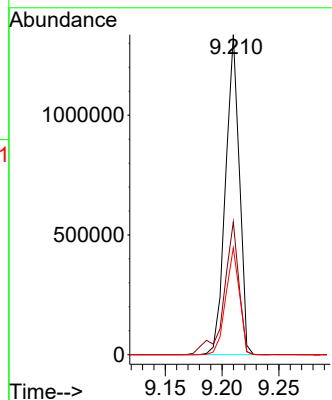
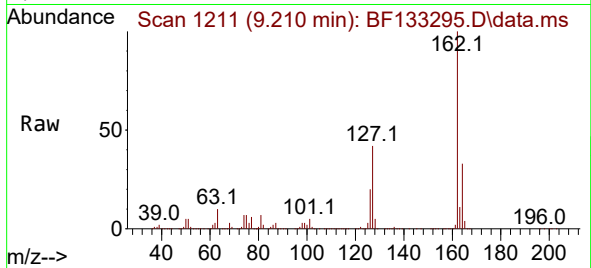




#47
2-Chloronaphthalene
Concen: 43.692 ng
RT: 9.210 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21

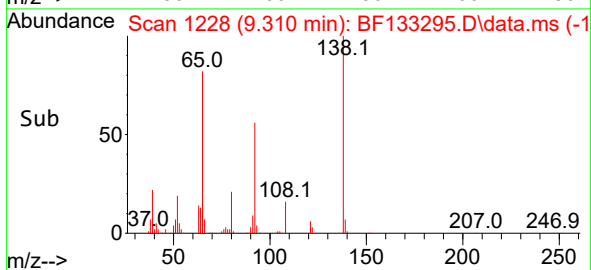
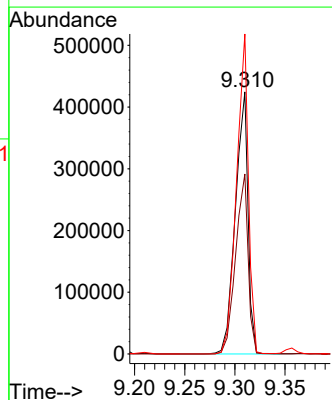
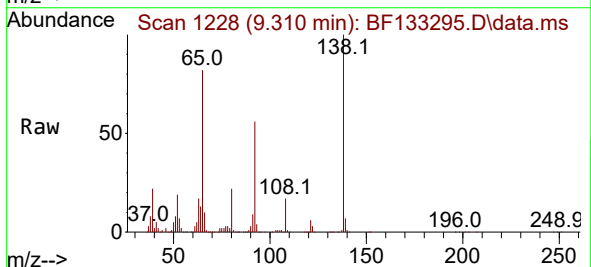
Instrument :
BNA_F
ClientSampleId :
SS-2MS

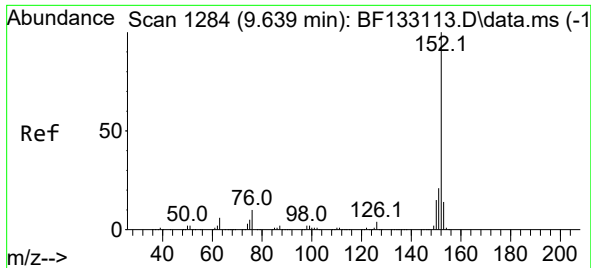
Tgt Ion:162 Resp: 1129604
Ion Ratio Lower Upper
162 100
127 41.5 32.3 48.5
164 33.4 26.8 40.2



#48
2-Nitroaniline
Concen: 43.682 ng
RT: 9.310 min Scan# 1228
Delta R.T. 0.000 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21

Tgt Ion: 65 Resp: 373248
Ion Ratio Lower Upper
65 100
92 68.7 55.4 83.0
138 122.1 98.2 147.2

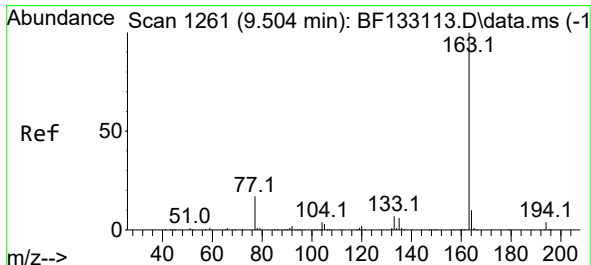
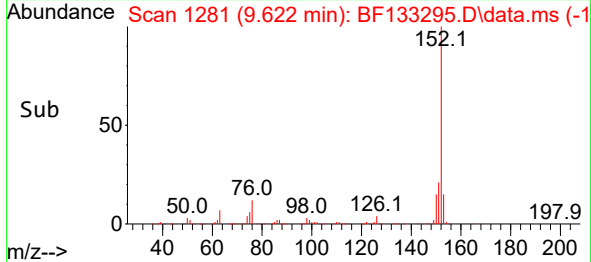
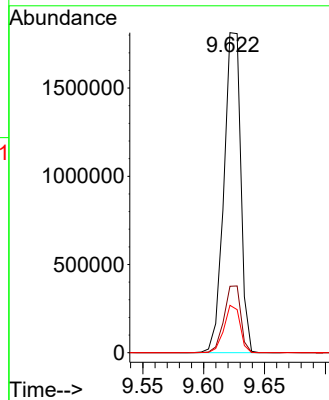
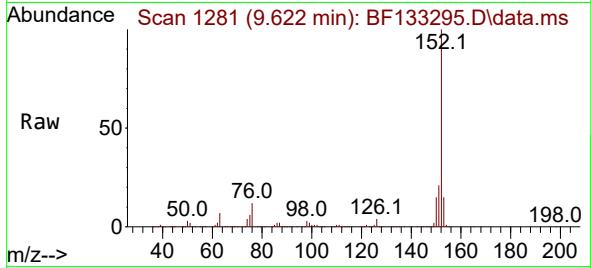




#49
Acenaphthylene
Concen: 42.292 ng
RT: 9.622 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21

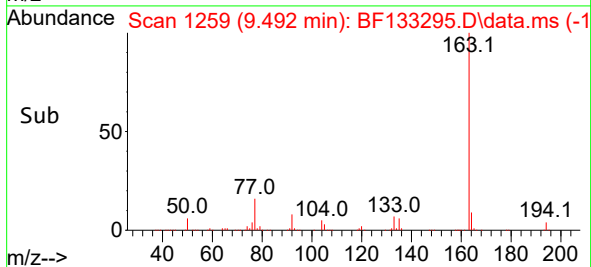
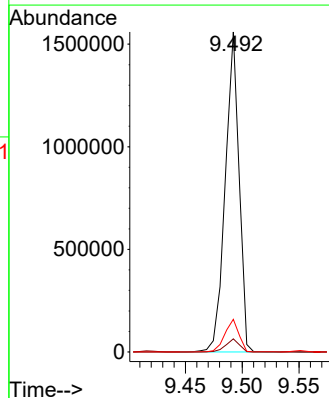
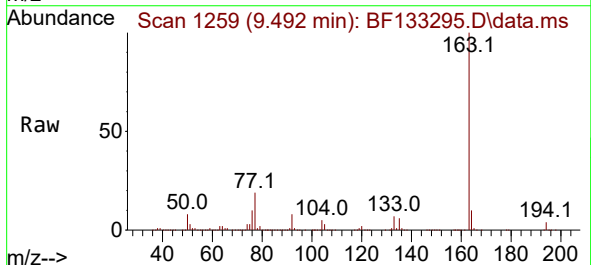
Instrument :
BNA_F
ClientSampleId :
SS-2MS

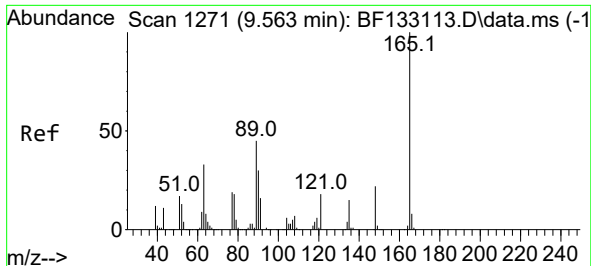
Tgt Ion:152 Resp: 1747113
Ion Ratio Lower Upper
152 100
151 20.7 16.6 24.8
153 14.8 11.5 17.3



#50
Dimethylphthalate
Concen: 42.496 ng
RT: 9.492 min Scan# 1259
Delta R.T. 0.000 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21

Tgt Ion:163 Resp: 1319975
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.2 8.5 12.7

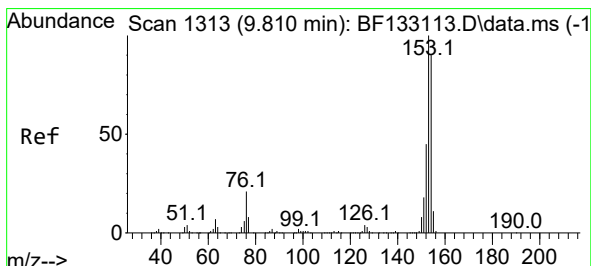
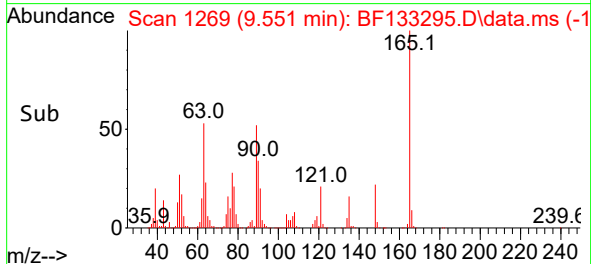
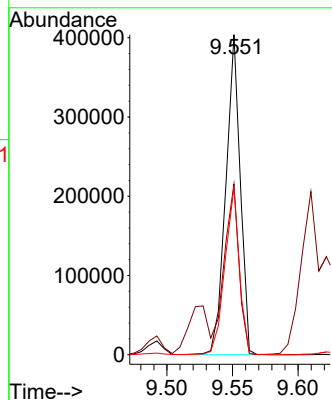
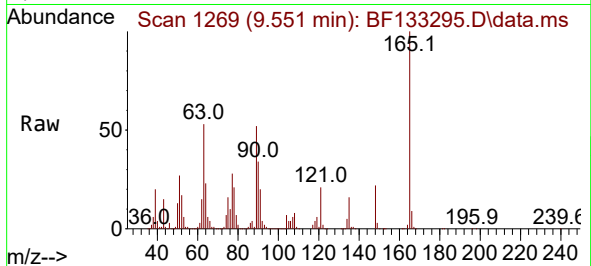




#51
2,6-Dinitrotoluene
Concen: 44.157 ng
RT: 9.551 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21

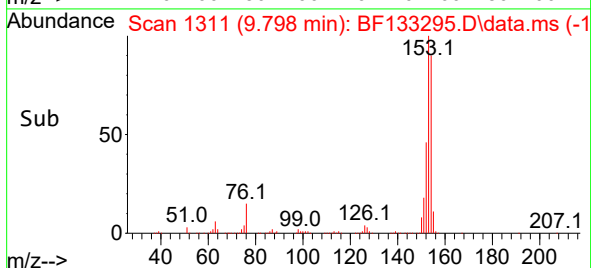
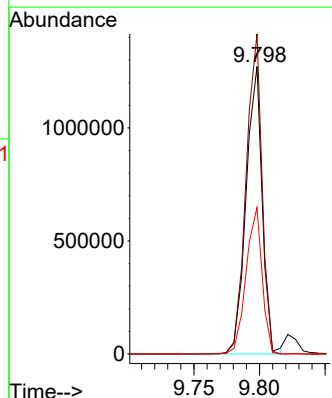
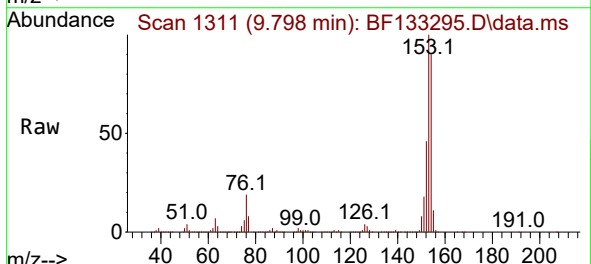
Instrument :
BNA_F
ClientSampleId :
SS-2MS

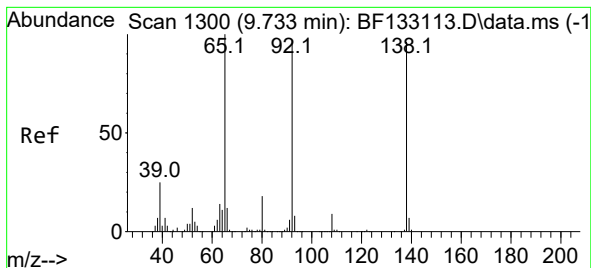
Tgt Ion:165 Resp: 308698
Ion Ratio Lower Upper
165 100
63 53.4 45.9 68.9
89 52.2 44.0 66.0



#52
Acenaphthene
Concen: 39.197 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.000 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21

Tgt Ion:154 Resp: 1084486
Ion Ratio Lower Upper
154 100
153 111.3 89.0 133.6
152 51.0 40.4 60.6





#53

3-Nitroaniline

Concen: 28.430 ng

RT: 9.716 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133295.D

Acq: 08 May 2023 15:21

Instrument :

BNA_F

ClientSampleId :

SS-2MS

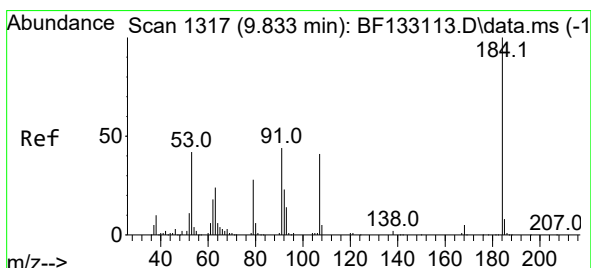
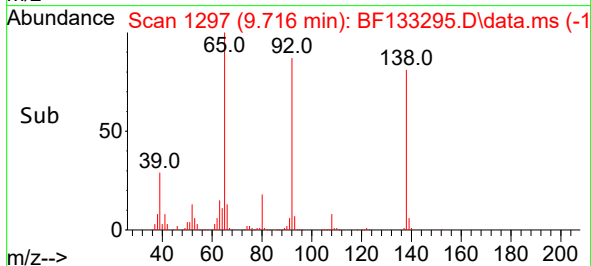
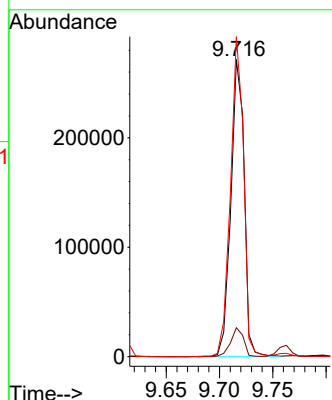
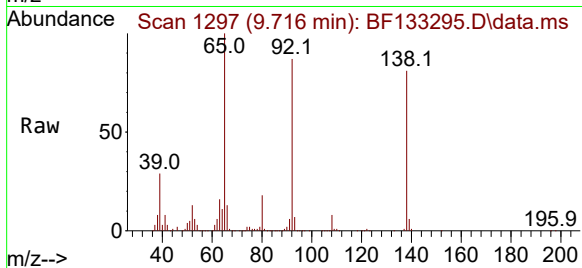
Tgt Ion:138 Resp: 236320

Ion Ratio Lower Upper

138 100

108 9.8 8.0 12.0

92 107.7 83.6 125.4



#54

2,4-Dinitrophenol

Concen: 32.591 ng

RT: 9.822 min Scan# 1315

Delta R.T. -0.006 min

Lab File: BF133295.D

Acq: 08 May 2023 15:21

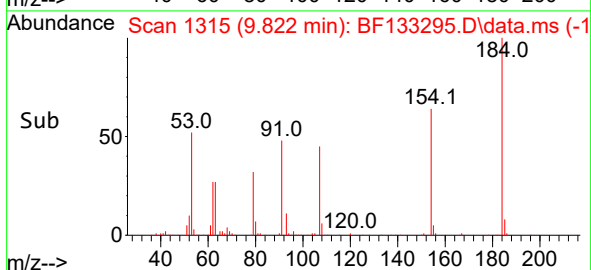
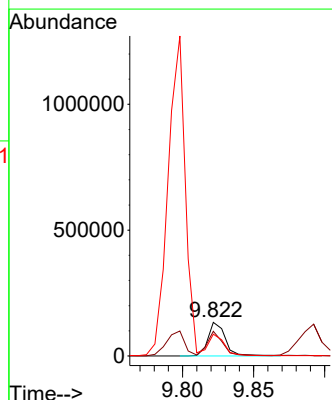
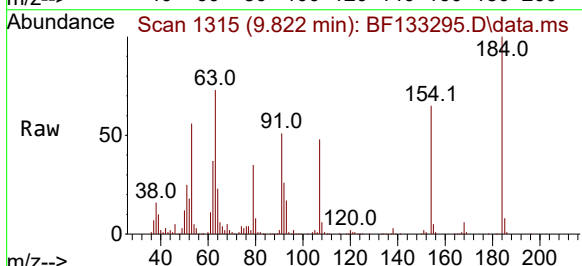
Tgt Ion:184 Resp: 114526

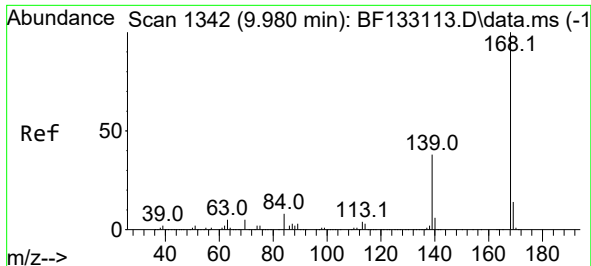
Ion Ratio Lower Upper

184 100

63 73.1 49.8 74.8

154 64.7 49.5 74.3

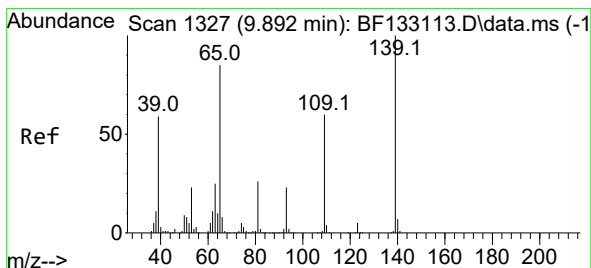
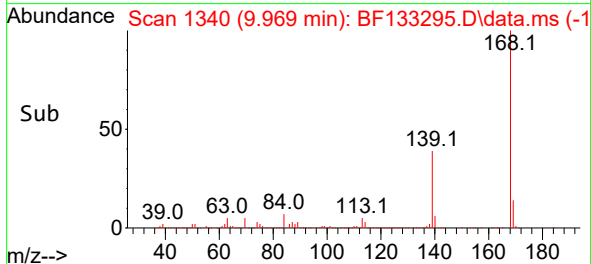
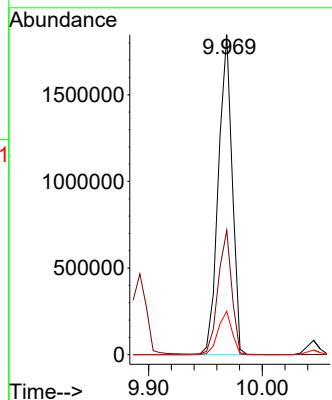
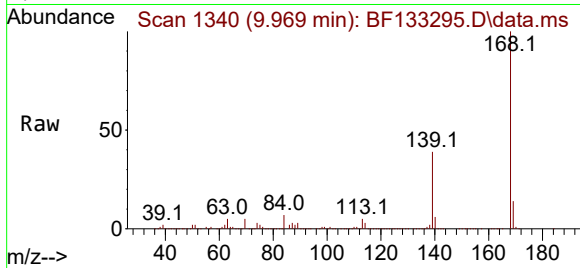




#55
Dibenzenofuran
Concen: 41.246 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.000 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21

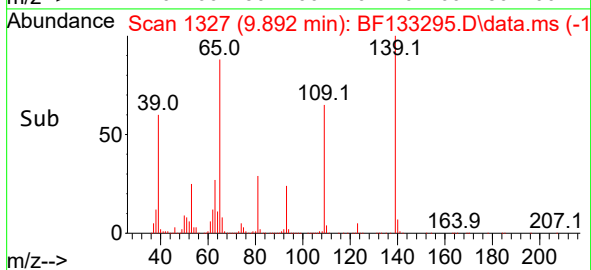
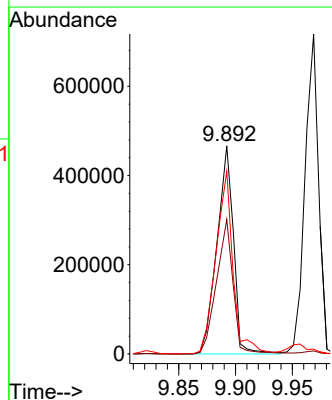
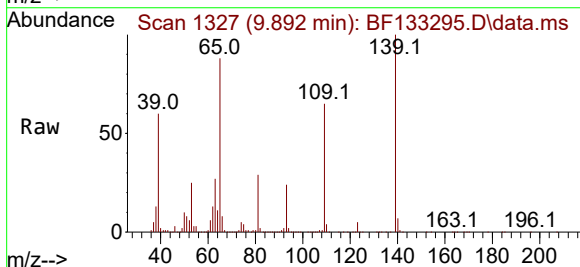
Instrument :
BNA_F
ClientSampleId :
SS-2MS

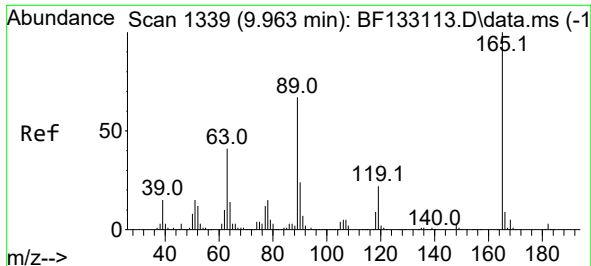
Tgt Ion:168 Resp: 1556674
Ion Ratio Lower Upper
168 100
139 38.8 29.8 44.8
169 13.5 10.8 16.2



#56
4-Nitrophenol
Concen: 73.698 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21

Tgt Ion:139 Resp: 474475
Ion Ratio Lower Upper
139 100
109 64.7 39.4 79.4
65 87.8 57.5 97.5

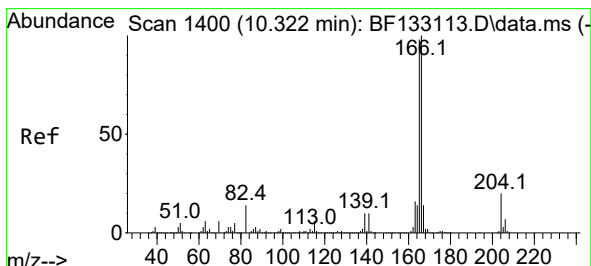
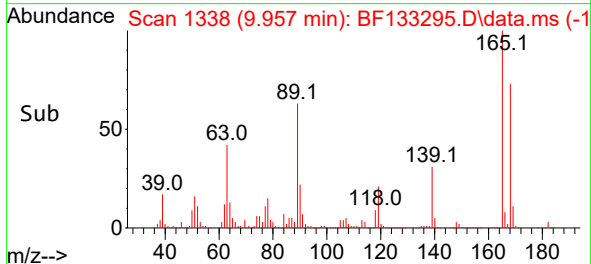
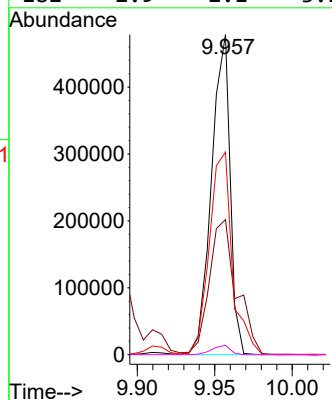
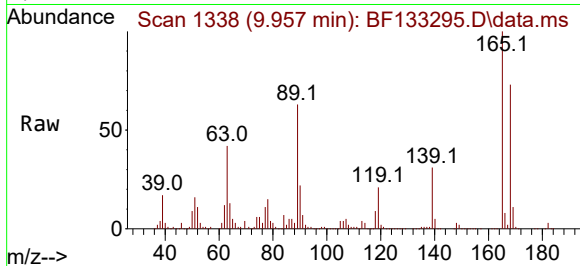




#57
2,4-Dinitrotoluene
Concen: 44.776 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21

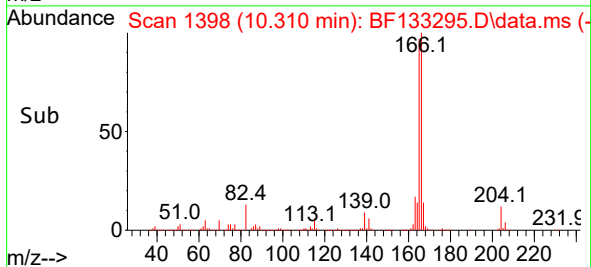
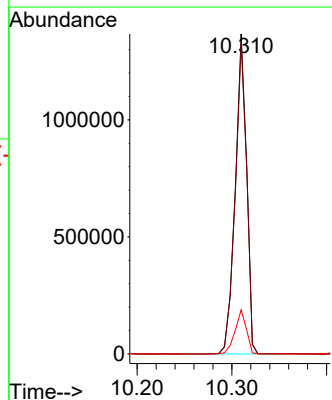
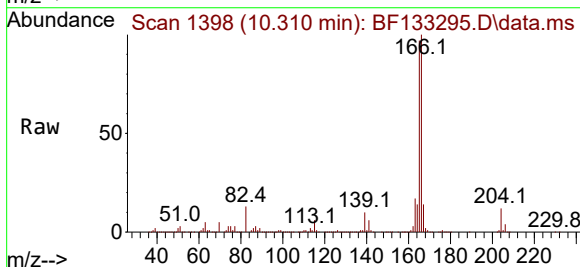
Instrument :
BNA_F
ClientSampleId :
SS-2MS

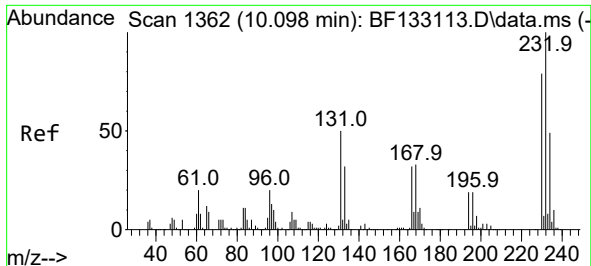
Tgt Ion:165 Resp: 399196
Ion Ratio Lower Upper
165 100
63 42.2 37.7 56.5
89 63.3 57.0 85.4
182 2.9 2.1 3.1



#58
Fluorene
Concen: 41.181 ng
RT: 10.310 min Scan# 1398
Delta R.T. 0.000 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21

Tgt Ion:166 Resp: 1138684
Ion Ratio Lower Upper
166 100
165 97.1 78.6 117.8
167 13.8 11.0 16.4

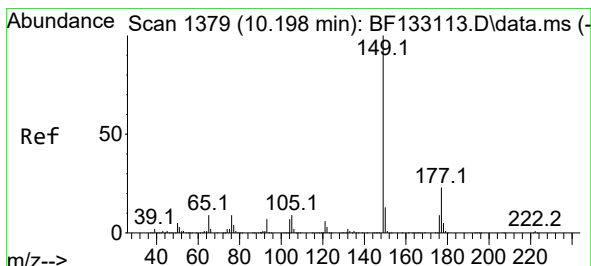
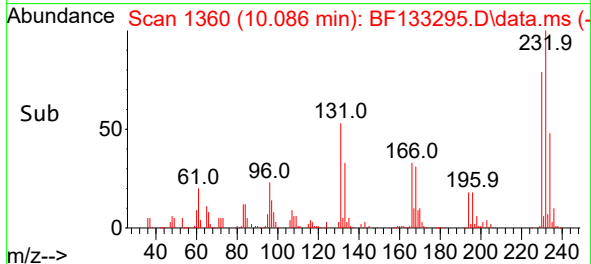
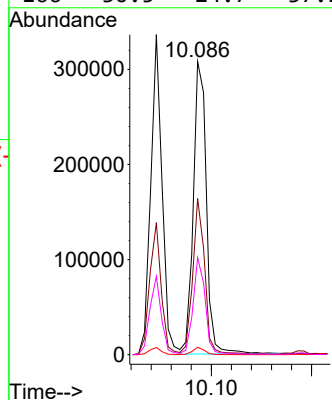
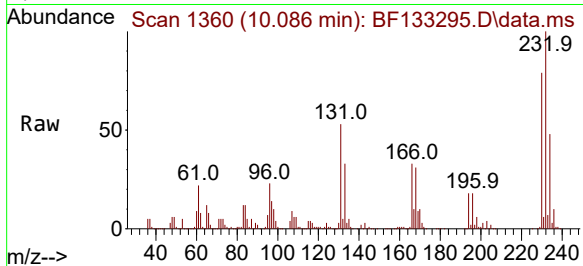




#59
2,3,4,6-Tetrachlorophenol
Concen: 37.401 ng
RT: 10.086 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21

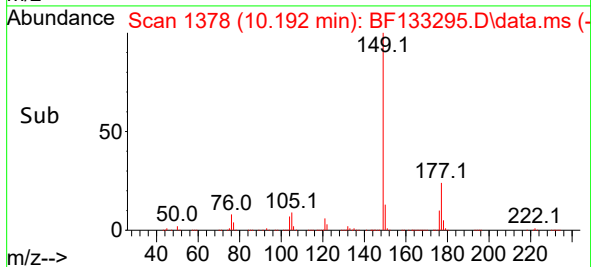
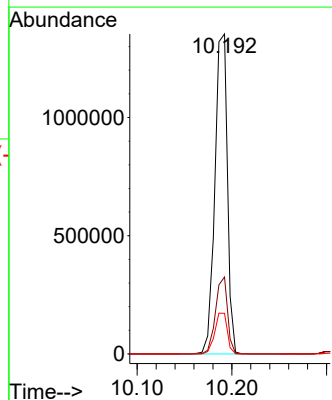
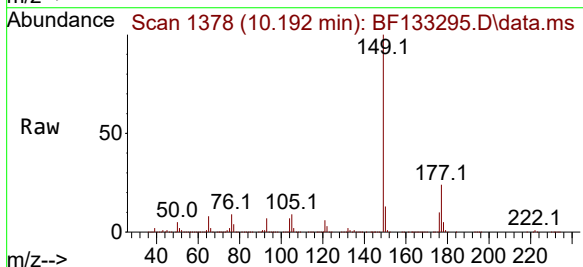
Instrument :
BNA_F
ClientSampleId :
SS-2MS

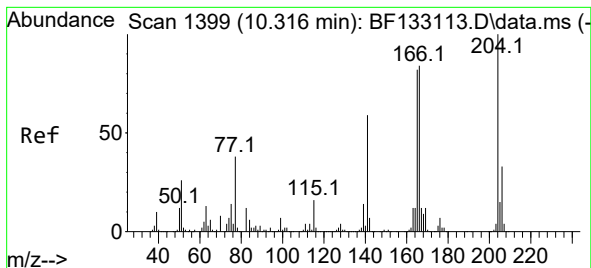
Tgt Ion:232 Resp: 277764
Ion Ratio Lower Upper
232 100
131 48.5 38.0 57.0
130 2.3 1.8 2.8
166 30.5 24.7 37.1



#60
Diethylphthalate
Concen: 42.211 ng
RT: 10.192 min Scan# 1378
Delta R.T. 0.006 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21

Tgt Ion:149 Resp: 1238415
Ion Ratio Lower Upper
149 100
177 24.0 18.2 27.4
150 12.7 10.2 15.4

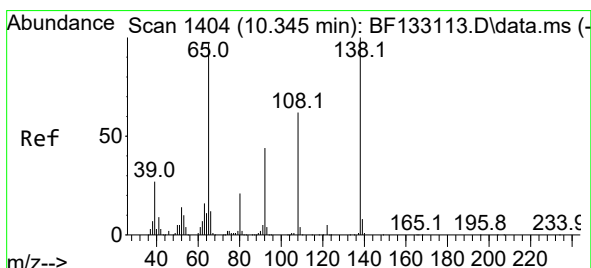
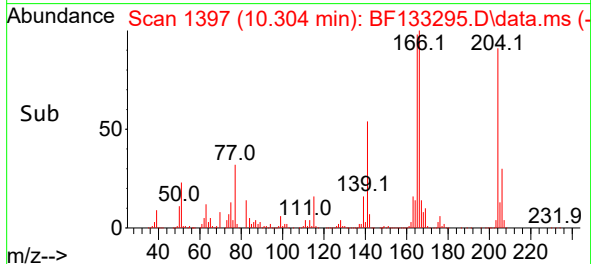
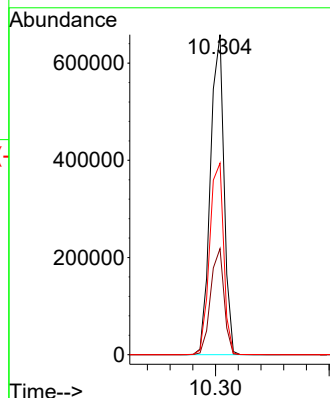
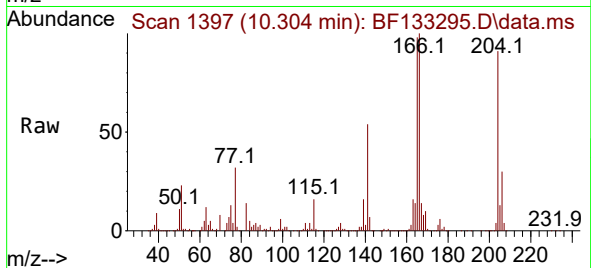




#61
4-Chlorophenyl-phenylether
Concen: 40.520 ng
RT: 10.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21

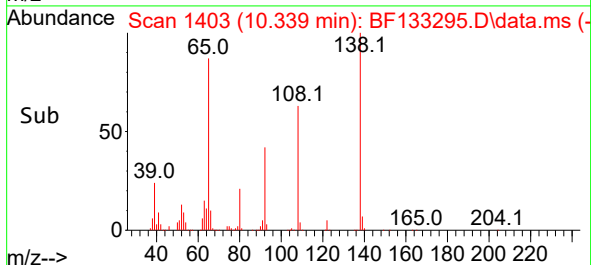
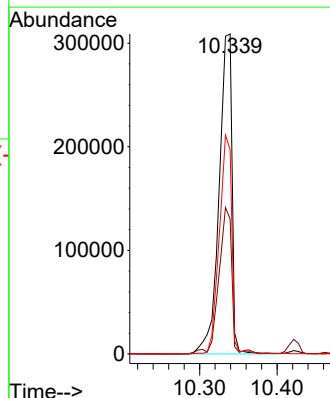
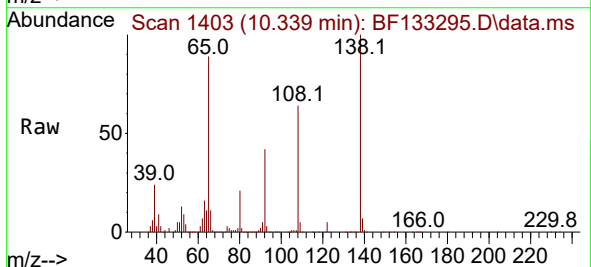
Instrument :
BNA_F
ClientSampleId :
SS-2MS

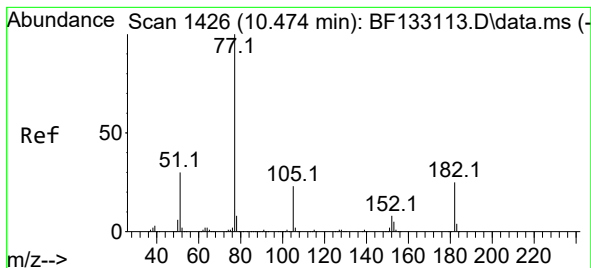
Tgt Ion:204 Resp: 545996
Ion Ratio Lower Upper
204 100
206 33.2 26.1 39.1
141 59.8 46.1 69.1



#62
4-Nitroaniline
Concen: 46.935 ng
RT: 10.339 min Scan# 1403
Delta R.T. 0.006 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21

Tgt Ion:138 Resp: 358580
Ion Ratio Lower Upper
138 100
92 42.1 27.7 67.7
108 63.8 45.2 85.2





#63

Azobenzene

Concen: 41.292 ng

RT: 10.463 min Scan# 1424

Delta R.T. 0.000 min

Lab File: BF133295.D

Acq: 08 May 2023 15:21

Instrument :

BNA_F

ClientSampleId :

SS-2MS

Tgt Ion: 77 Resp: 1283353

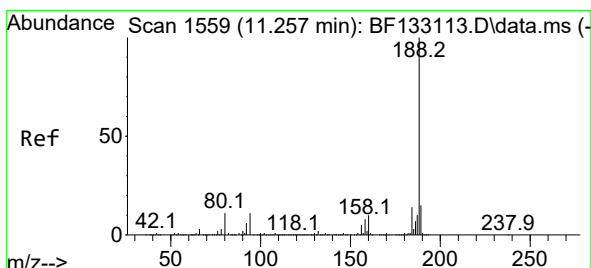
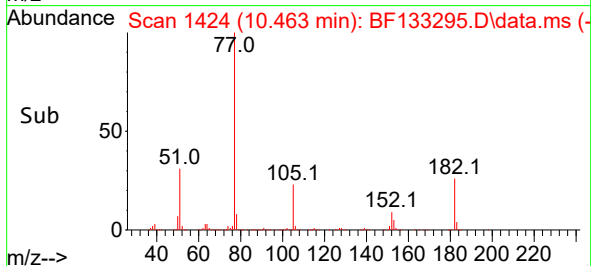
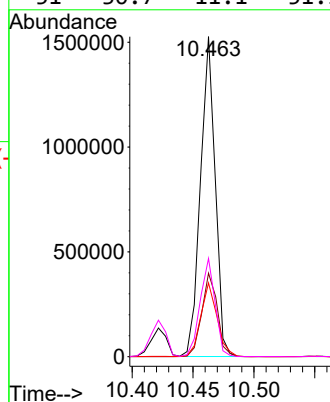
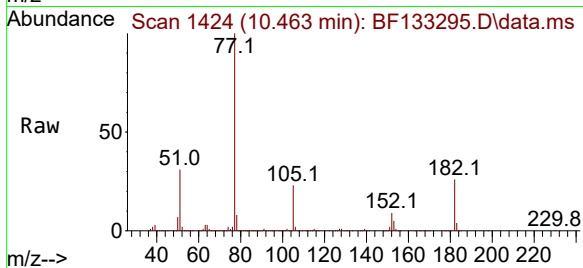
Ion Ratio Lower Upper

77 100

182 26.1 5.9 45.9

105 23.0 2.3 42.3

51 30.7 11.1 51.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.245 min Scan# 1557

Delta R.T. 0.000 min

Lab File: BF133295.D

Acq: 08 May 2023 15:21

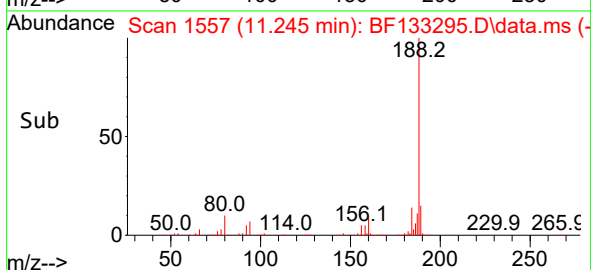
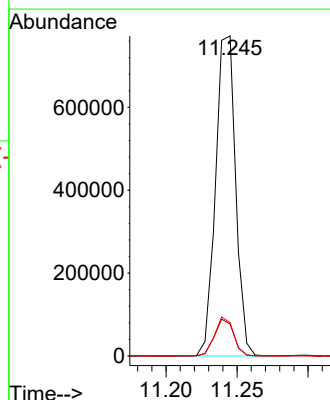
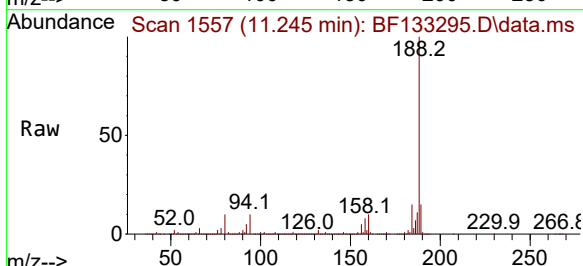
Tgt Ion:188 Resp: 759099

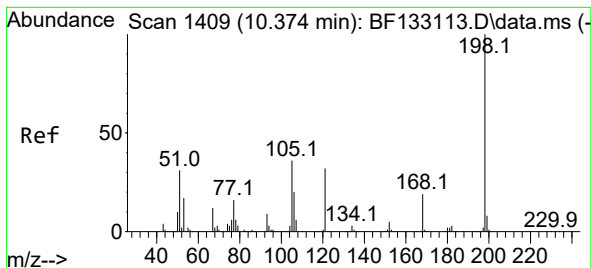
Ion Ratio Lower Upper

188 100

94 10.0 9.7 14.5

80 10.3 10.4 15.6#

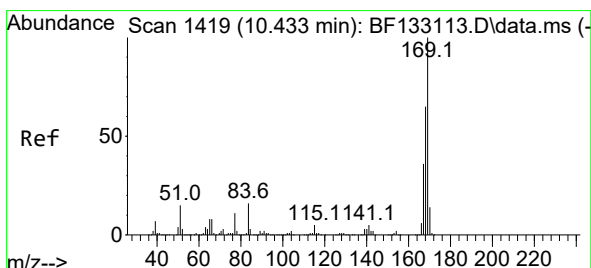
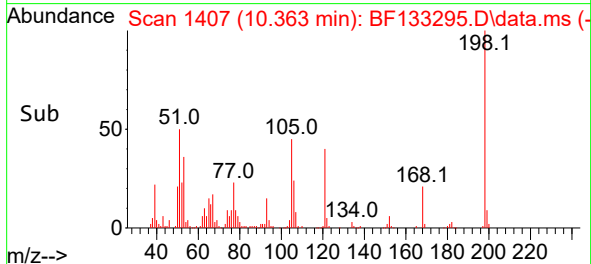
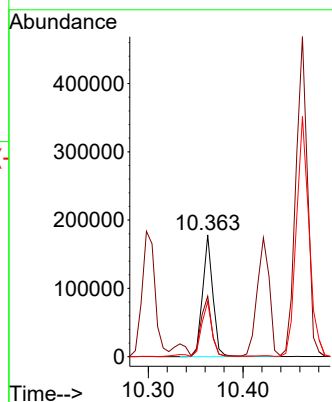
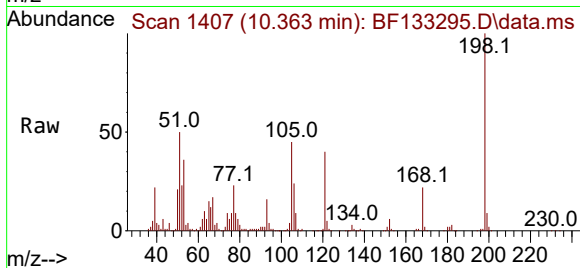




#65
4,6-Dinitro-2-methylphenol
Concen: 29.217 ng
RT: 10.363 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21

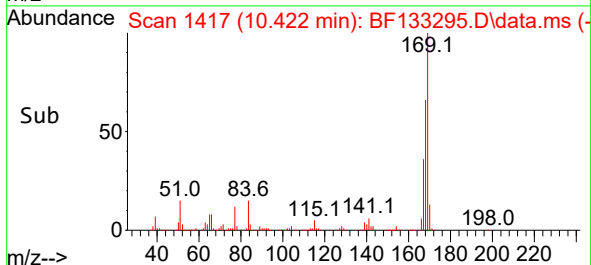
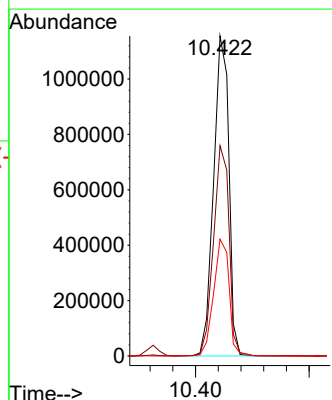
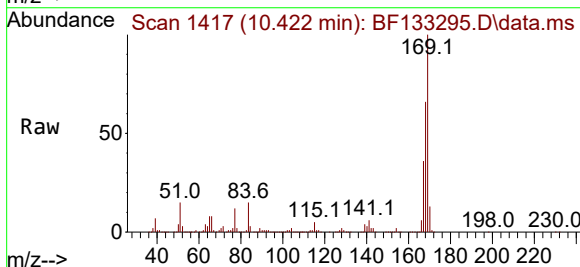
Instrument :
BNA_F
ClientSampleId :
SS-2MS

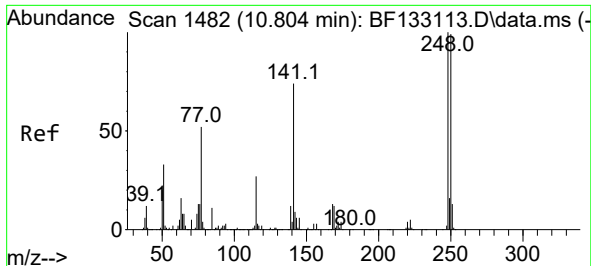
Tgt Ion:198 Resp: 134431
Ion Ratio Lower Upper
198 100
51 49.7 15.5 55.5
105 45.2 16.7 56.7



#66
n-Nitrosodiphenylamine
Concen: 43.732 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.006 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21

Tgt Ion:169 Resp: 1076818
Ion Ratio Lower Upper
169 100
168 65.7 53.8 80.8
167 36.5 29.7 44.5

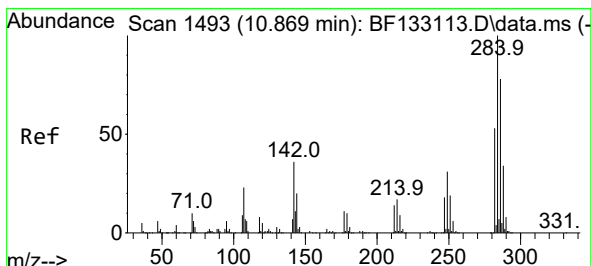
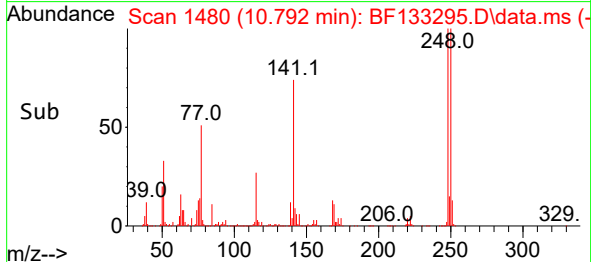
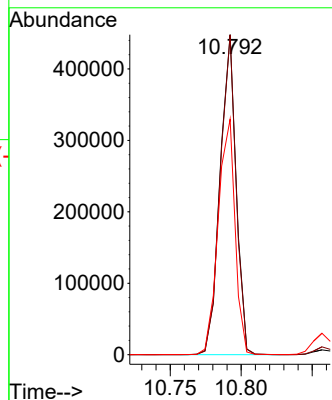
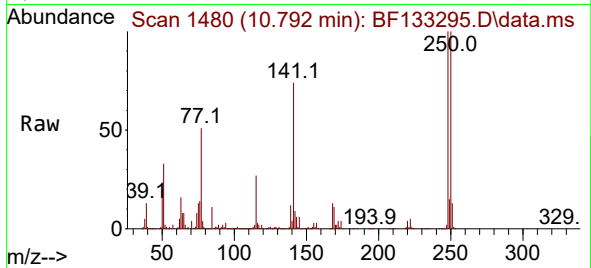




#67
4-Bromophenyl-phenylether
Concen: 42.745 ng
RT: 10.792 min Scan# 1480
Delta R.T. 0.000 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21

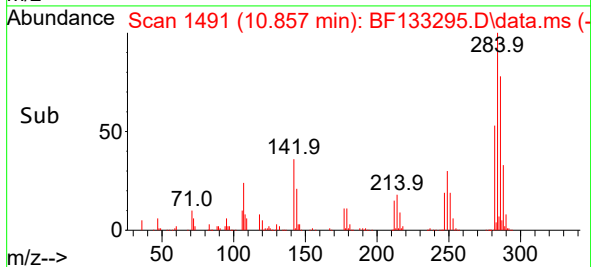
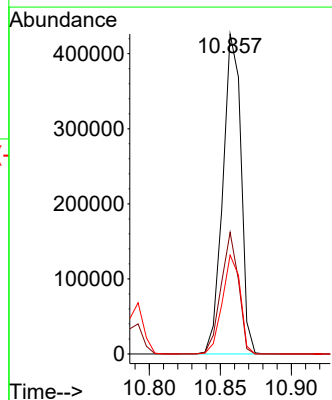
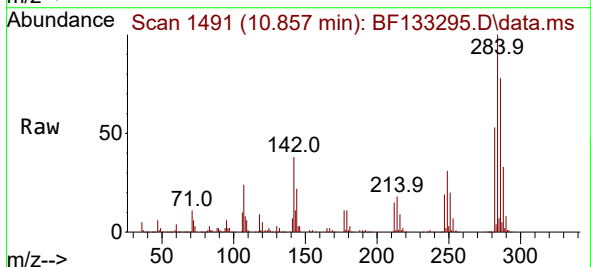
Instrument :
BNA_F
ClientSampleId :
SS-2MS

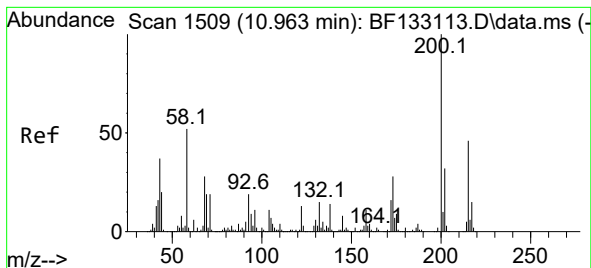
Tgt Ion:248 Resp: 351914
Ion Ratio Lower Upper
248 100
250 99.9 78.7 118.1
141 73.6 56.3 84.5



#68
Hexachlorobenzene
Concen: 44.779 ng
RT: 10.857 min Scan# 1491
Delta R.T. 0.000 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21

Tgt Ion:284 Resp: 377758
Ion Ratio Lower Upper
284 100
142 38.0 26.0 39.0
249 30.9 23.7 35.5





#69

Atrazine

Concen: 52.393 ng

RT: 10.957 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF133295.D

Acq: 08 May 2023 15:21

Instrument :

BNA_F

ClientSampleId :

SS-2MS

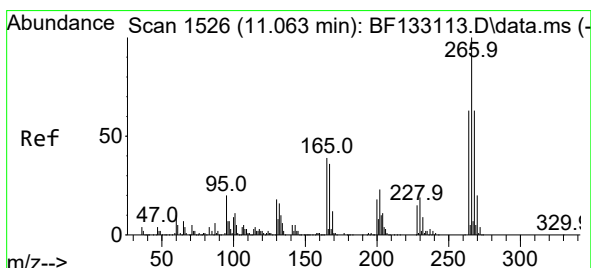
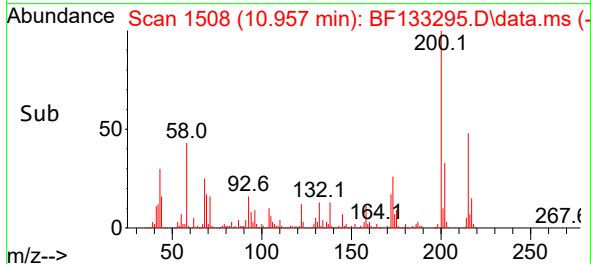
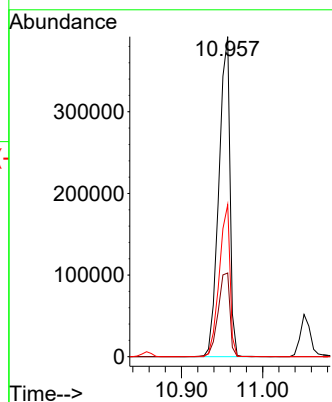
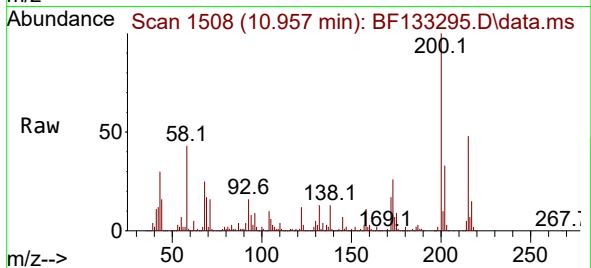
Tgt Ion:200 Resp: 371731

Ion Ratio Lower Upper

200 100

173 26.2 6.2 46.2

215 47.5 26.3 66.3



#70

Pentachlorophenol

Concen: 42.099 ng

RT: 11.051 min Scan# 1524

Delta R.T. 0.000 min

Lab File: BF133295.D

Acq: 08 May 2023 15:21

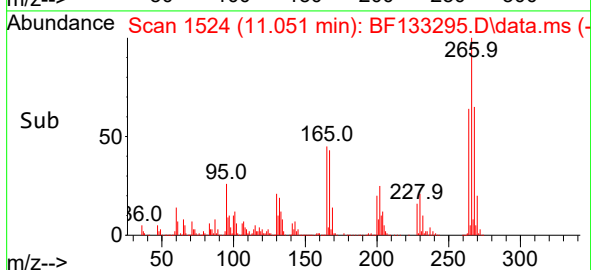
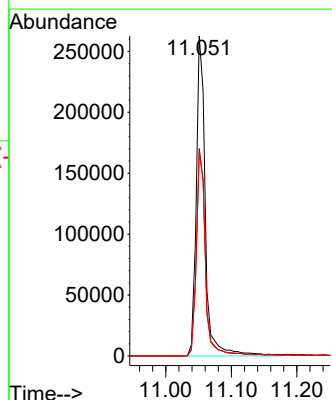
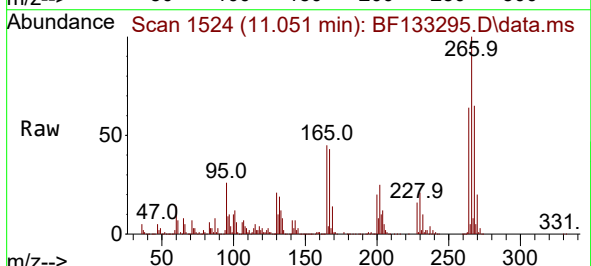
Tgt Ion:266 Resp: 252936

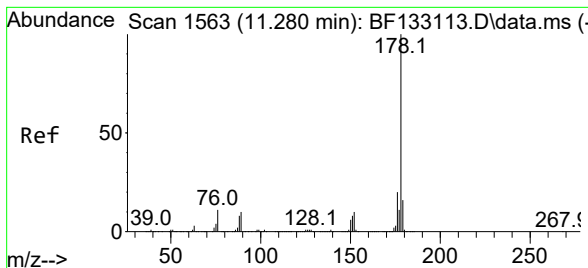
Ion Ratio Lower Upper

266 100

268 64.8 48.8 73.2

264 63.8 50.6 76.0





#71

Phenanthrene

Concen: 43.304 ng

RT: 11.269 min Scan# 1561

Delta R.T. 0.000 min

Lab File: BF133295.D

Acq: 08 May 2023 15:21

Instrument :

BNA_F

ClientSampleId :

SS-2MS

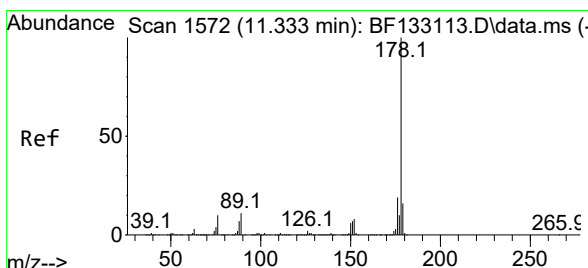
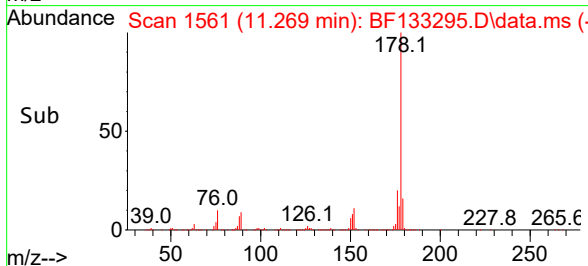
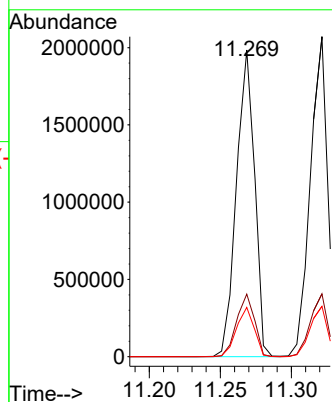
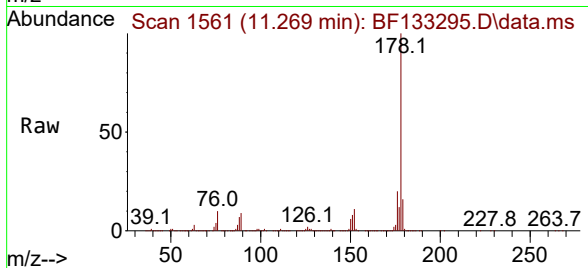
Tgt Ion:178 Resp: 1766767

Ion Ratio Lower Upper

178 100

176 20.4 15.9 23.9

179 16.1 12.5 18.7



#72

Anthracene

Concen: 42.276 ng

RT: 11.322 min Scan# 1570

Delta R.T. 0.000 min

Lab File: BF133295.D

Acq: 08 May 2023 15:21

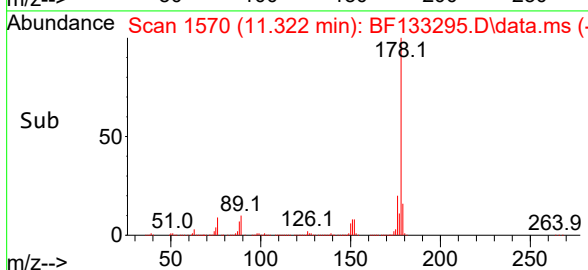
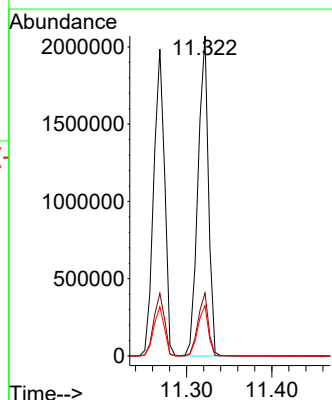
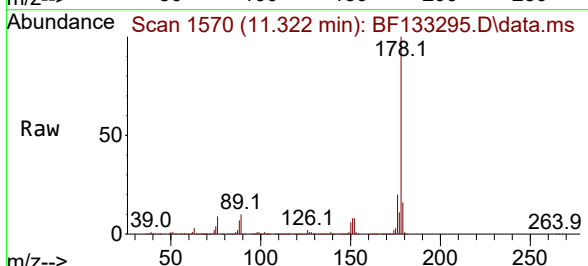
Tgt Ion:178 Resp: 1765169

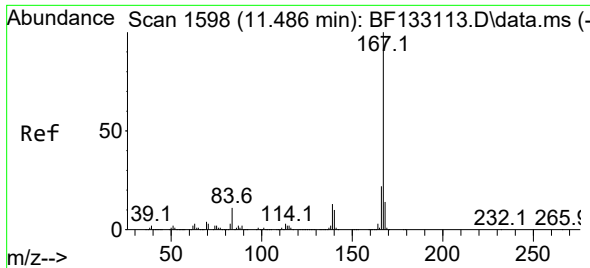
Ion Ratio Lower Upper

178 100

176 19.7 15.4 23.0

179 15.7 12.4 18.6

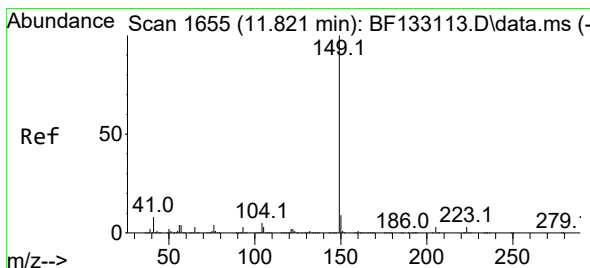
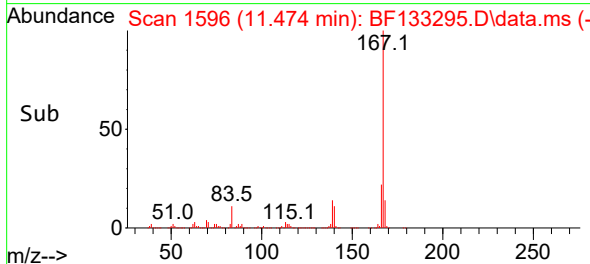
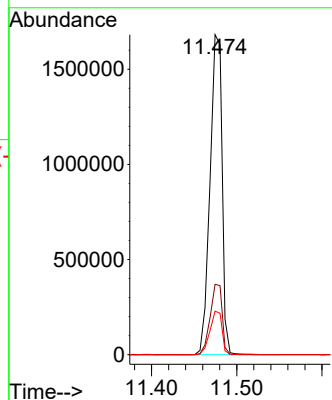
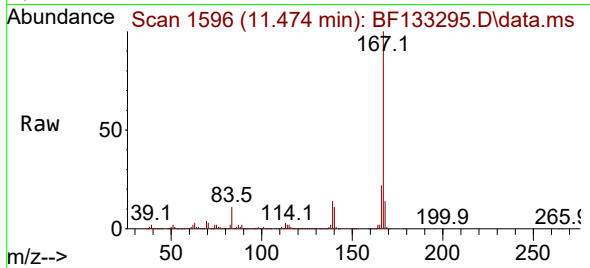




#73
 Carbazole
 Concen: 44.552 ng
 RT: 11.474 min Scan# 1596
 Delta R.T. 0.000 min
 Lab File: BF133295.D
 Acq: 08 May 2023 15:21

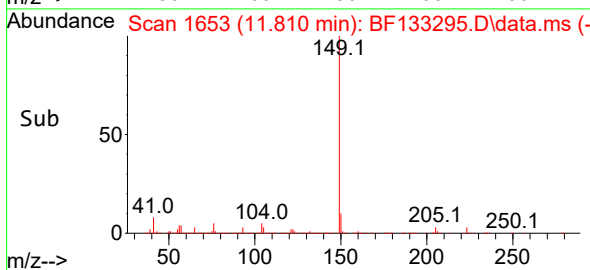
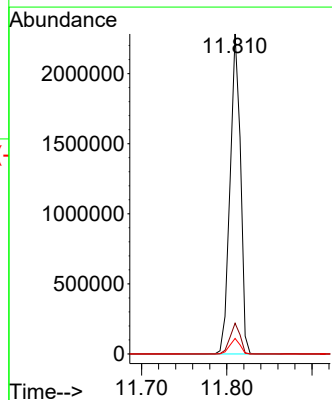
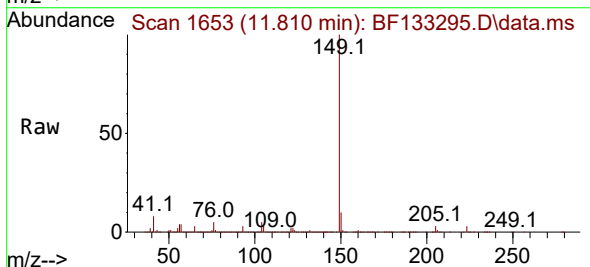
Instrument :
 BNA_F
 ClientSampleId :
 SS-2MS

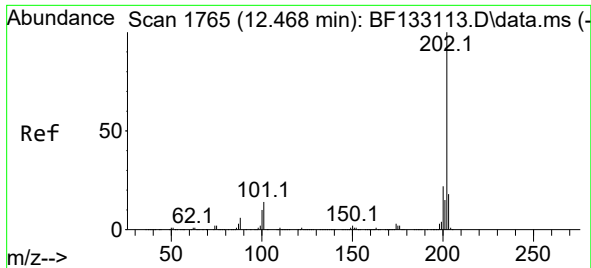
Tgt Ion:167 Resp: 1656395
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.4 26.0
 139 13.6 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 46.065 ng
 RT: 11.810 min Scan# 1653
 Delta R.T. 0.000 min
 Lab File: BF133295.D
 Acq: 08 May 2023 15:21

Tgt Ion:149 Resp: 1938120
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.6 11.4
 104 4.9 4.0 6.0

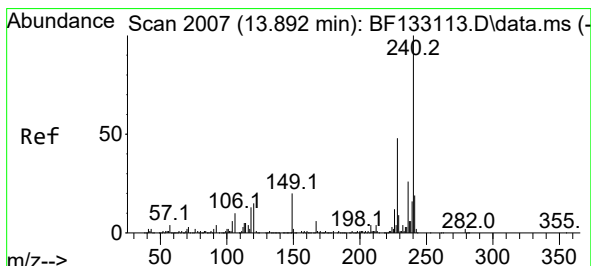
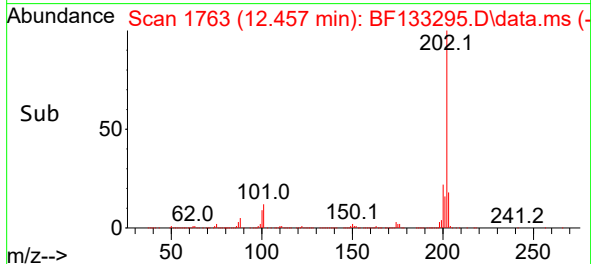
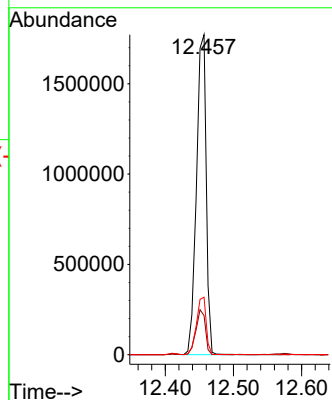
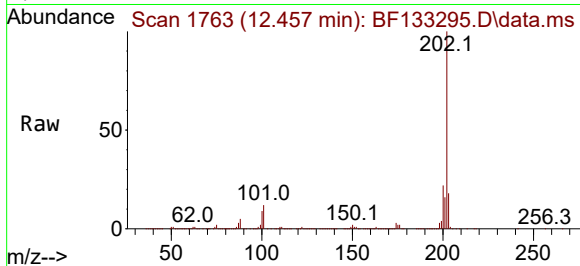




#75
Fluoranthene
Concen: 42.881 ng
RT: 12.457 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21

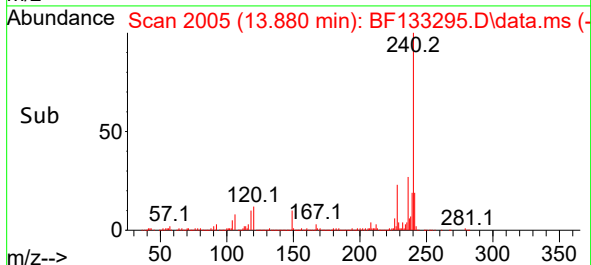
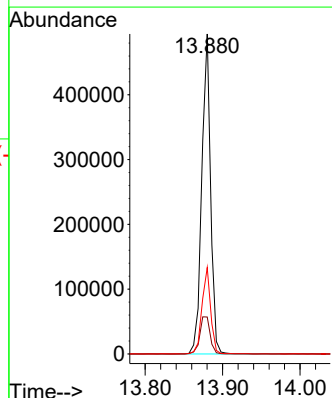
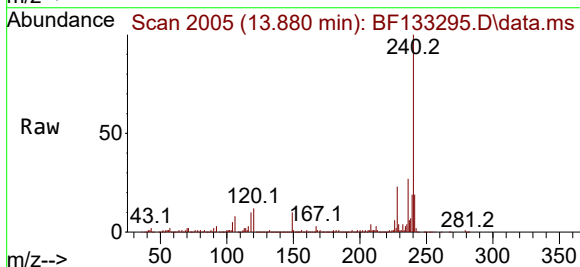
Instrument :
BNA_F
ClientSampleId :
SS-2MS

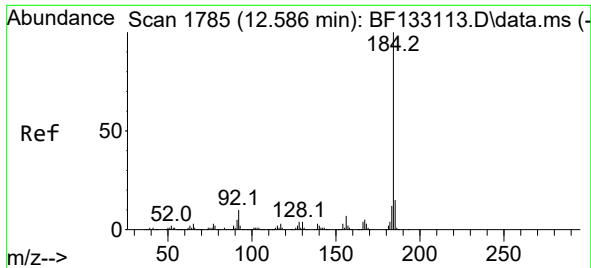
Tgt Ion:202 Resp: 1755837
Ion Ratio Lower Upper
202 100
101 12.2 0.0 35.3
203 17.9 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.880 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21

Tgt Ion:240 Resp: 390034
Ion Ratio Lower Upper
240 100
120 11.6 10.5 15.7
236 27.0 21.5 32.3

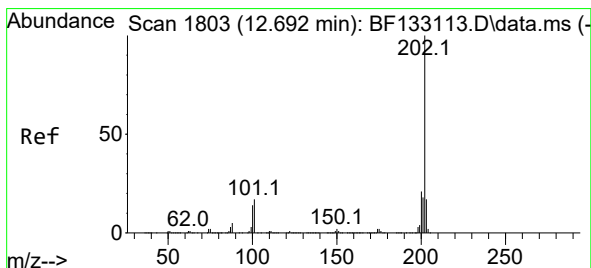
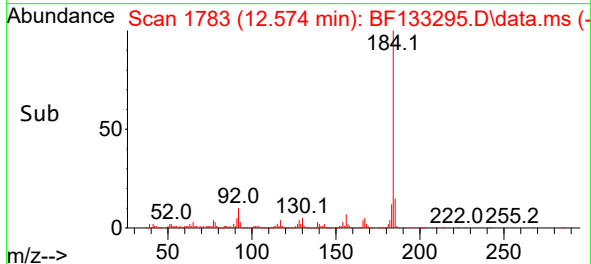
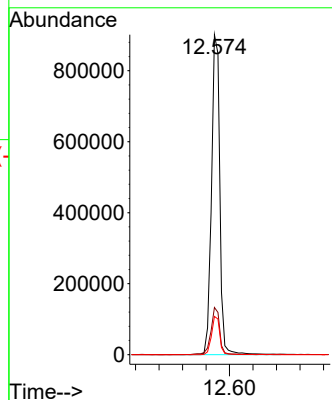
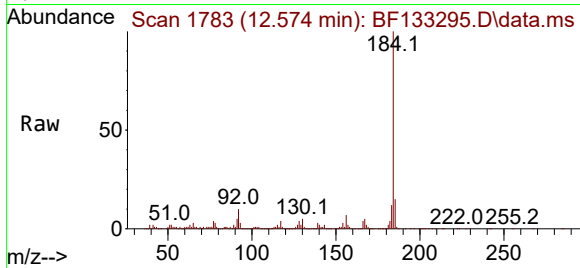




#77
Benzidine
Concen: 133.385 ng
RT: 12.574 min Scan# 1785
Delta R.T. 0.000 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21

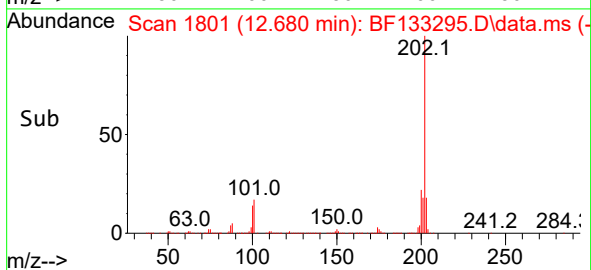
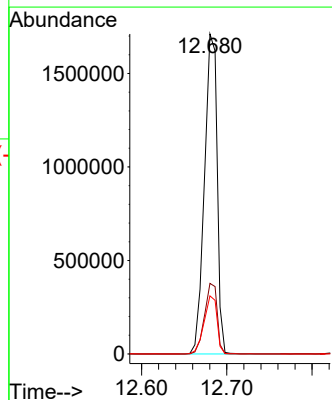
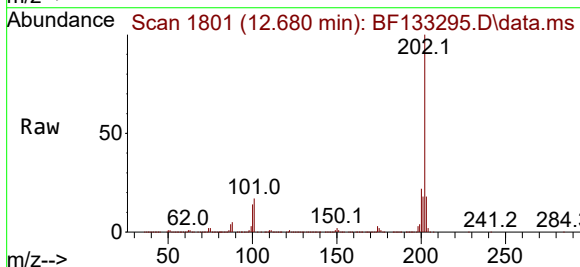
Instrument :
BNA_F
ClientSampleId :
SS-2MS

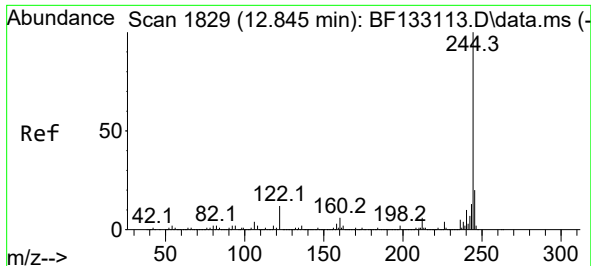
Tgt Ion:184 Resp: 879768
Ion Ratio Lower Upper
184 100
185 14.7 15.4 23.2#
183 11.9 9.4 14.0



#78
Pyrene
Concen: 52.867 ng
RT: 12.680 min Scan# 1801
Delta R.T. 0.000 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21

Tgt Ion:202 Resp: 1767598
Ion Ratio Lower Upper
202 100
200 22.1 17.1 25.7
203 18.2 14.1 21.1

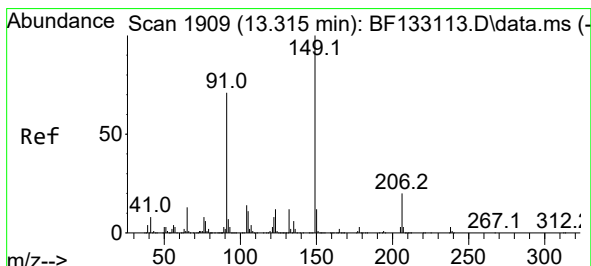
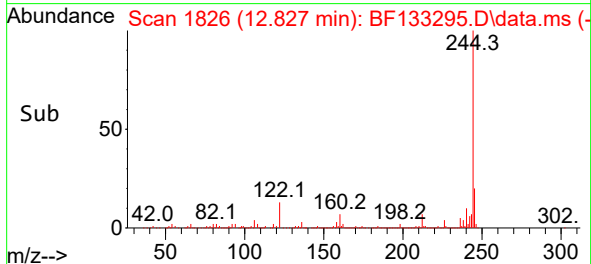
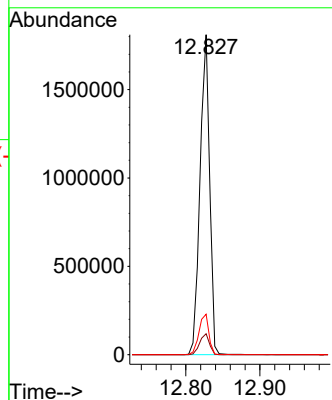
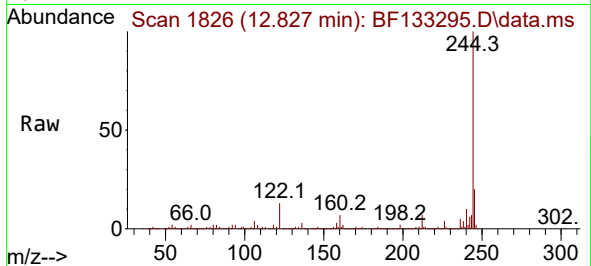




#79
 Terphenyl-d14
 Concen: 71.680 ng
 RT: 12.827 min Scan# 1826
 Delta R.T. -0.006 min
 Lab File: BF133295.D
 Acq: 08 May 2023 15:21

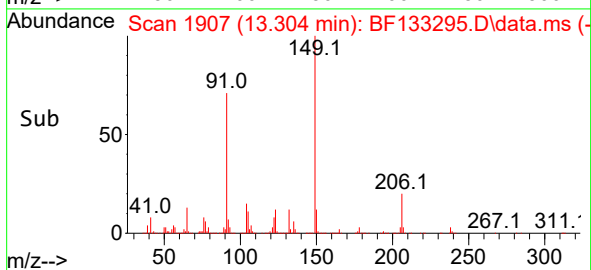
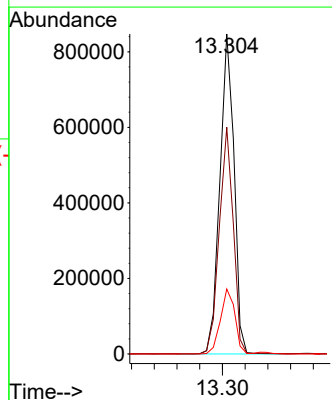
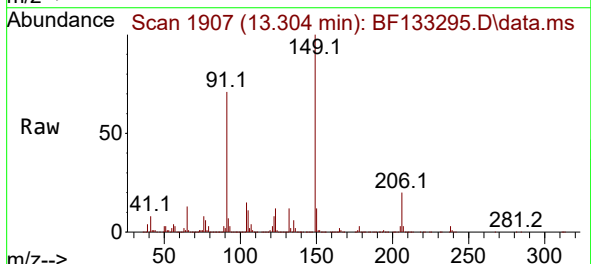
Instrument :
 BNA_F
 ClientSampleId :
 SS-2MS

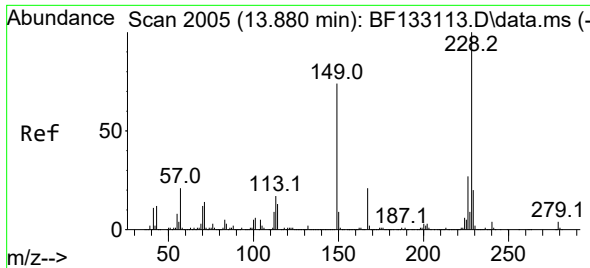
Tgt Ion:244 Resp: 1621056
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.1 7.7
 122 12.7 8.6 13.0



#80
 Butylbenzylphthalate
 Concen: 62.206 ng
 RT: 13.304 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: BF133295.D
 Acq: 08 May 2023 15:21

Tgt Ion:149 Resp: 736427
 Ion Ratio Lower Upper
 149 100
 91 70.9 53.8 80.6
 206 20.3 17.5 26.3

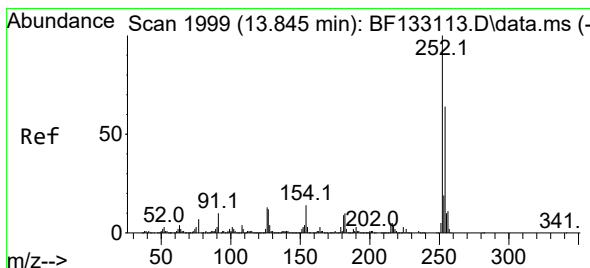
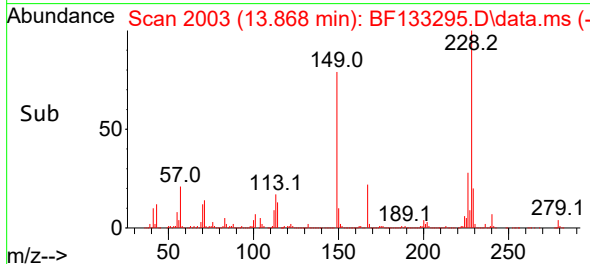
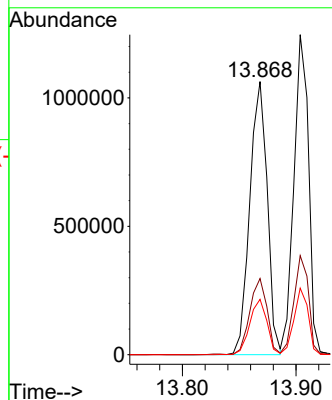
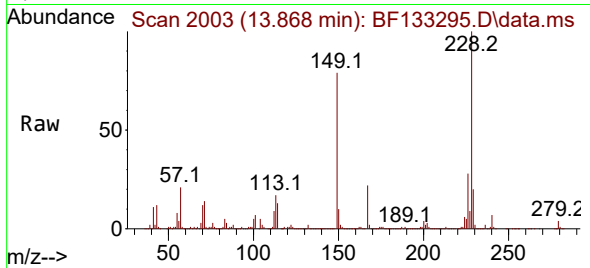




#81
Benzo(a)anthracene
Concen: 42.360 ng
RT: 13.868 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21

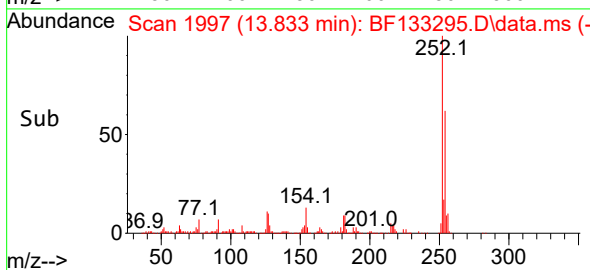
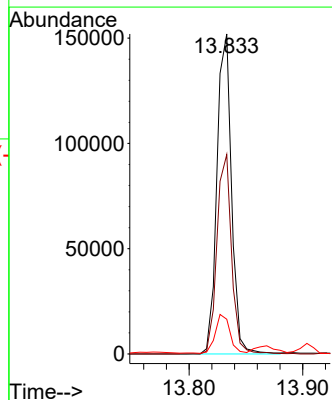
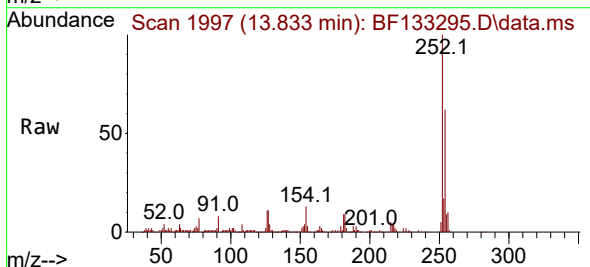
Instrument :
BNA_F
ClientSampleId :
SS-2MS

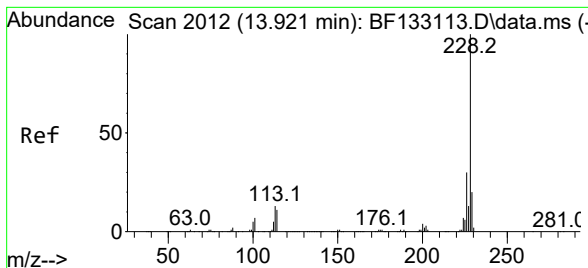
Tgt Ion:228 Resp: 1136162
Ion Ratio Lower Upper
228 100
226 27.9 22.2 33.4
229 20.3 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 18.333 ng
RT: 13.833 min Scan# 1997
Delta R.T. 0.000 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21

Tgt Ion:252 Resp: 135837
Ion Ratio Lower Upper
252 100
254 62.3 51.5 77.3
126 10.8 9.5 14.3





#83

Chrysene

Concen: 41.555 ng

RT: 13.904 min Scan# 2012

Delta R.T. -0.006 min

Lab File: BF133295.D

Acq: 08 May 2023 15:21

Instrument :

BNA_F

ClientSampleId :

SS-2MS

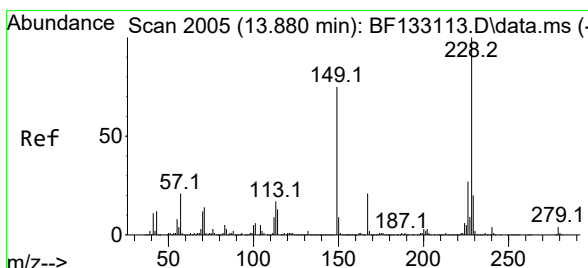
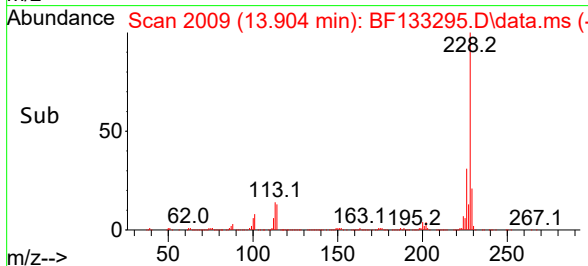
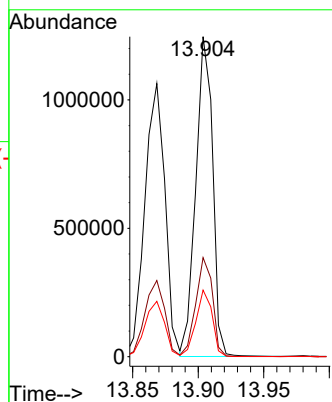
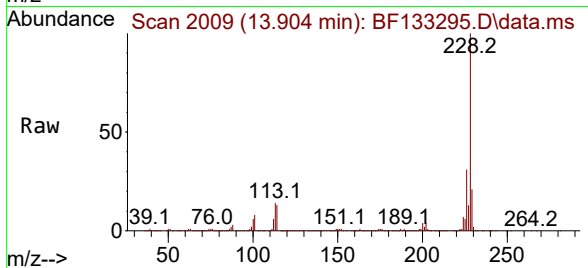
Tgt Ion:228 Resp: 1114303

Ion Ratio Lower Upper

228 100

226 31.0 24.7 37.1

229 20.8 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.497 ng

RT: 13.868 min Scan# 2003

Delta R.T. 0.000 min

Lab File: BF133295.D

Acq: 08 May 2023 15:21

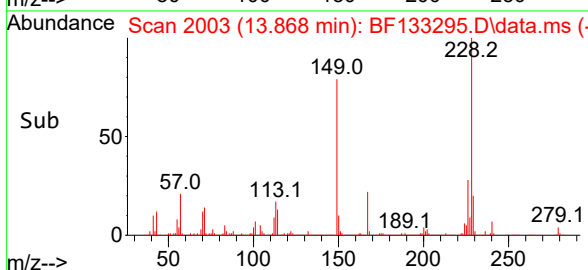
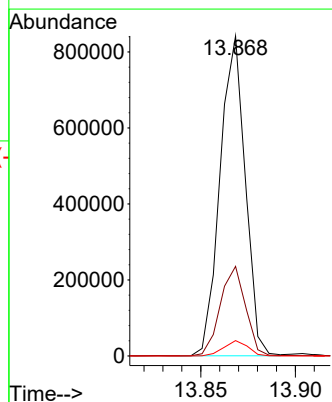
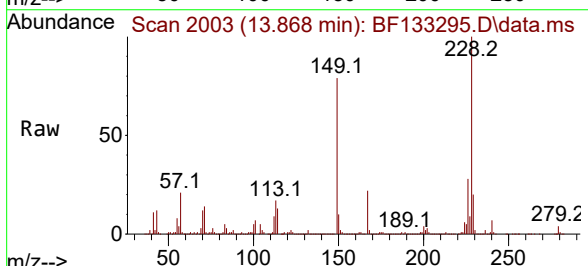
Tgt Ion:149 Resp: 780068

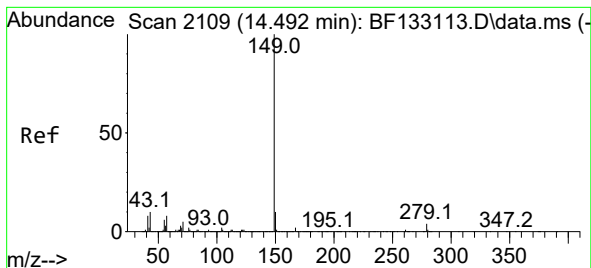
Ion Ratio Lower Upper

149 100

167 28.0 22.5 33.7

279 4.8 4.2 6.4





#85

Di-n-octyl phthalate

Concen: 52.608 ng

RT: 14.474 min Scan# 2106

Delta R.T. -0.006 min

Lab File: BF133295.D

Acq: 08 May 2023 15:21

Instrument :

BNA_F

ClientSampleId :

SS-2MS

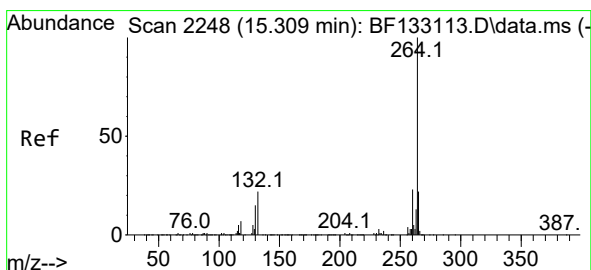
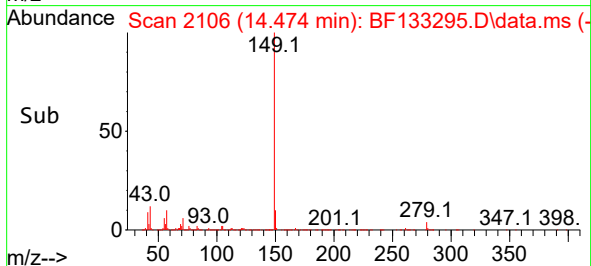
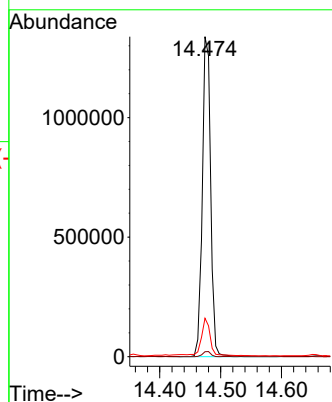
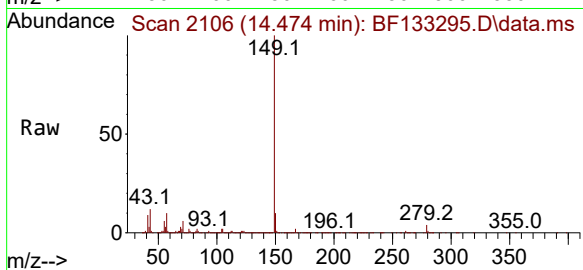
Tgt Ion:149 Resp: 1274642

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 13.2 9.5 14.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.292 min Scan# 2245

Delta R.T. 0.000 min

Lab File: BF133295.D

Acq: 08 May 2023 15:21

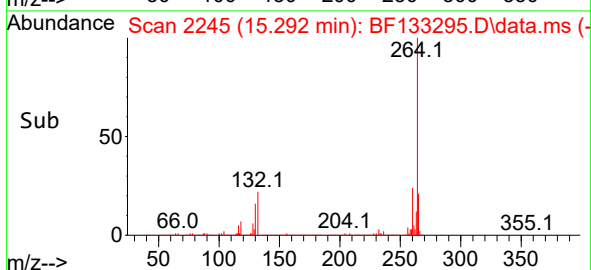
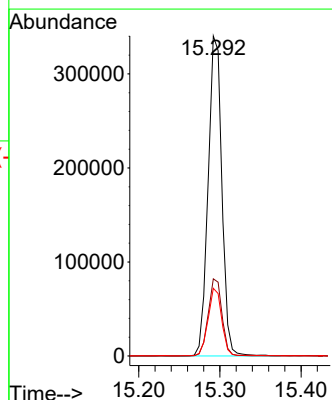
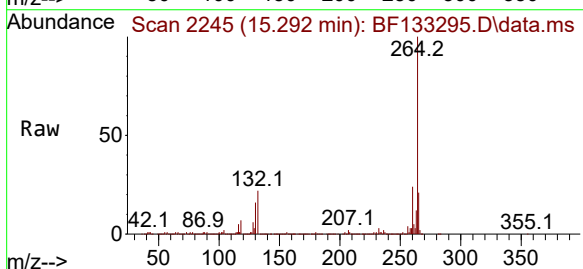
Tgt Ion:264 Resp: 398959

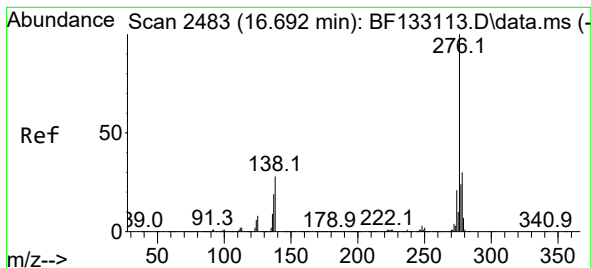
Ion Ratio Lower Upper

264 100

260 24.1 18.8 28.2

265 21.2 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 58.635 ng

RT: 16.680 min Scan# 2483

Delta R.T. 0.006 min

Lab File: BF133295.D

Acq: 08 May 2023 15:21

Instrument :

BNA_F

ClientSampleId :

SS-2MS

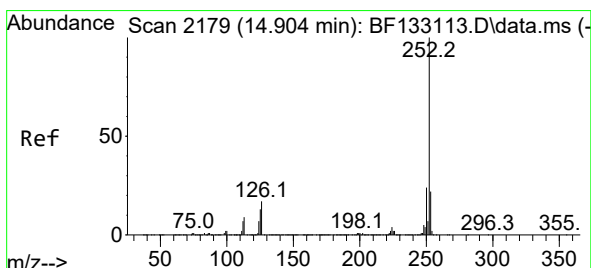
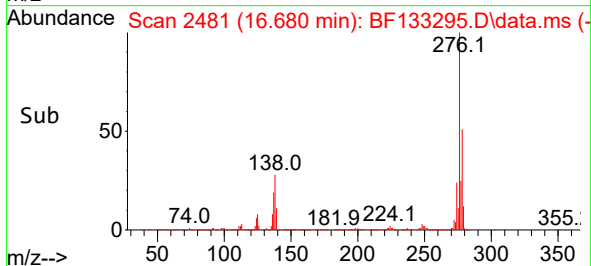
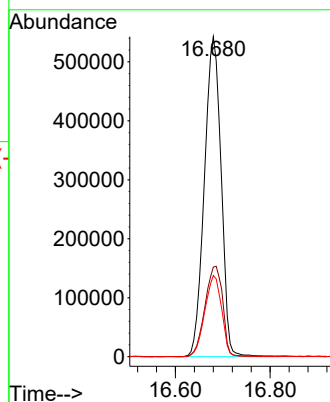
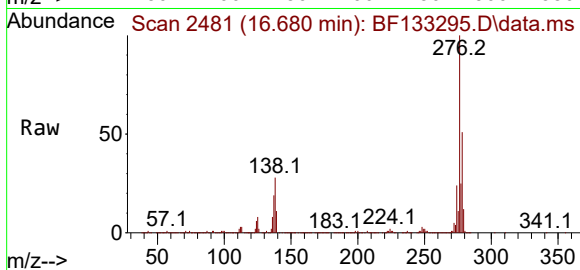
Tgt Ion:276 Resp: 1330633

Ion Ratio Lower Upper

276 100

138 29.9 25.5 38.3

277 25.6 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 41.463 ng

RT: 14.892 min Scan# 2177

Delta R.T. 0.000 min

Lab File: BF133295.D

Acq: 08 May 2023 15:21

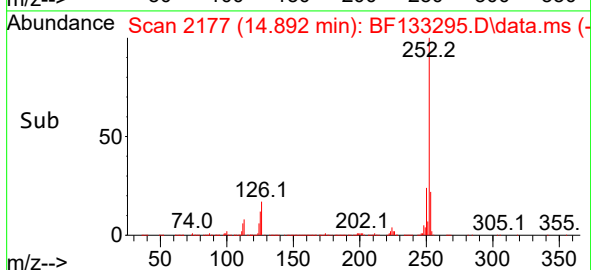
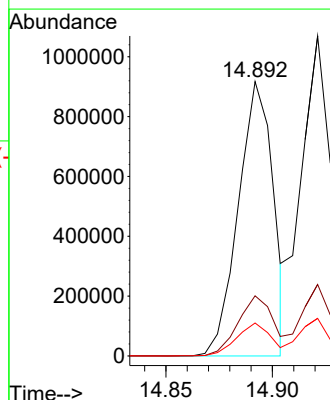
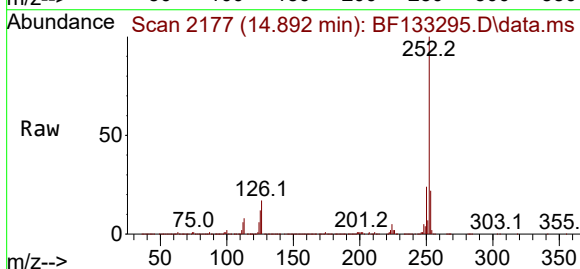
Tgt Ion:252 Resp: 1052375

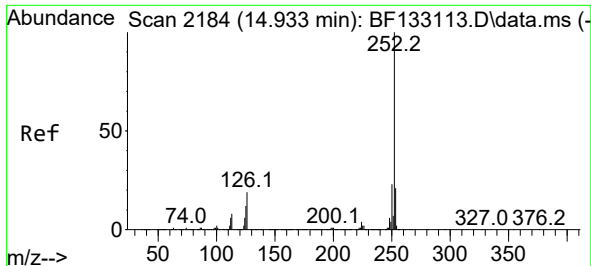
Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

125 12.0 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 40.798 ng

RT: 14.921 min Scan# 2184

Delta R.T. 0.000 min

Lab File: BF133295.D

Acq: 08 May 2023 15:21

Instrument :

BNA_F

ClientSampleId :

SS-2MS

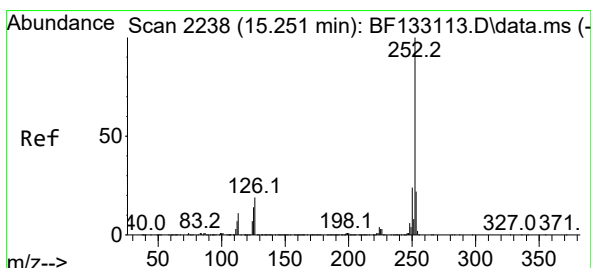
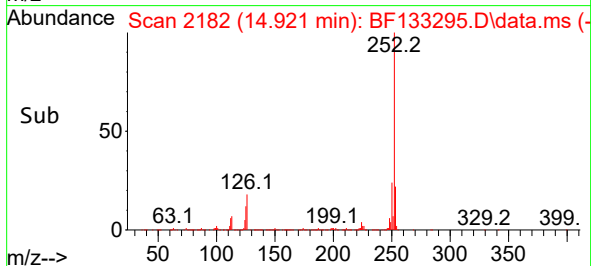
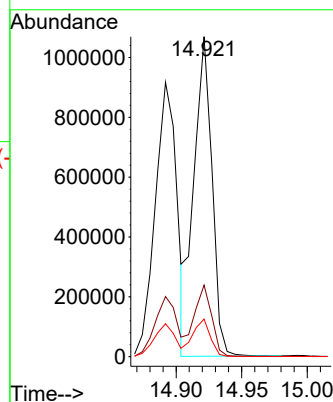
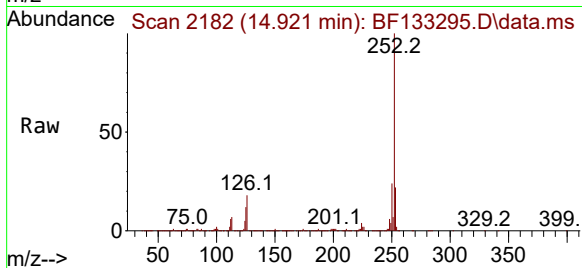
Tgt Ion:252 Resp: 1026493

Ion Ratio Lower Upper

252 100

253 22.4 17.7 26.5

125 11.8 9.0 13.4



#90

Benzo(a)pyrene

Concen: 41.683 ng

RT: 15.239 min Scan# 2236

Delta R.T. 0.000 min

Lab File: BF133295.D

Acq: 08 May 2023 15:21

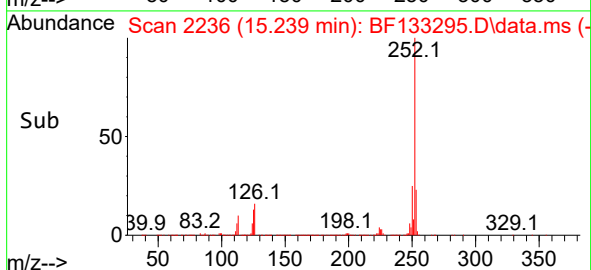
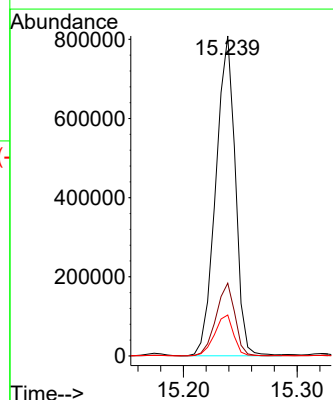
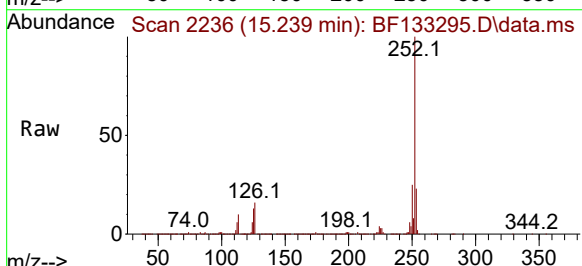
Tgt Ion:252 Resp: 962977

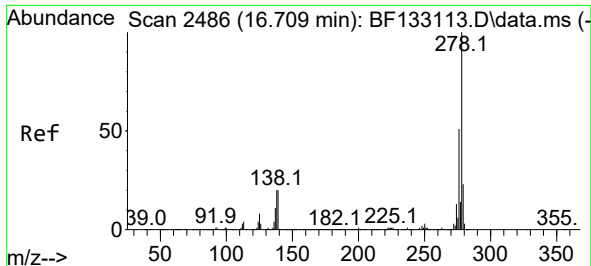
Ion Ratio Lower Upper

252 100

253 22.8 17.7 26.5

125 12.8 10.5 15.7

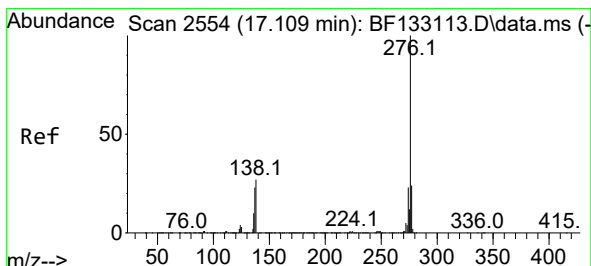
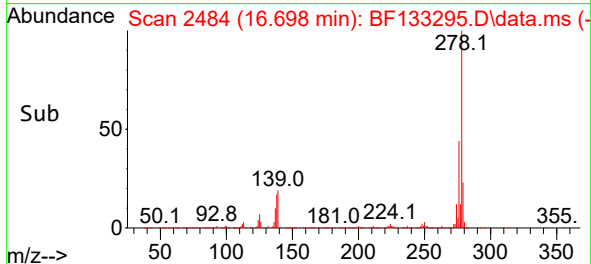
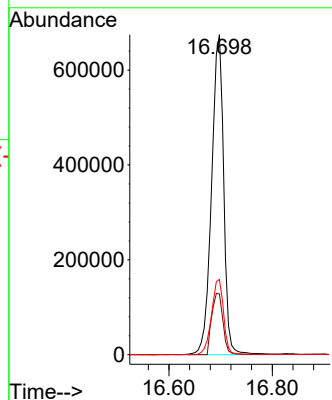
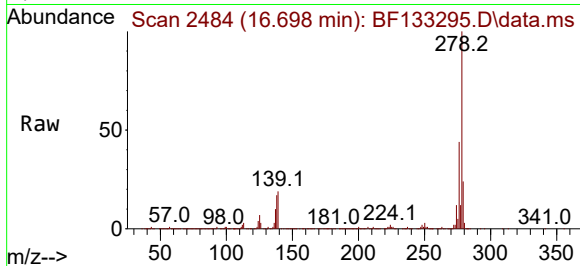




#91
Dibenzo(a,h)anthracene
Concen: 58.041 ng
RT: 16.698 min Scan# 2486
Delta R.T. 0.006 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21

Instrument :
BNA_F
ClientSampleId :
SS-2MS

Tgt Ion:278 Resp: 1098570
Ion Ratio Lower Upper
278 100
139 19.0 16.6 24.8
279 23.5 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 59.862 ng
RT: 17.098 min Scan# 2552
Delta R.T. 0.012 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21

Tgt Ion:276 Resp: 1118598
Ion Ratio Lower Upper
276 100
277 24.4 19.4 29.0
138 25.4 22.7 34.1

