

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050523\
 Data File : BF133265.D
 Acq On : 05 May 2023 15:36
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: May 06 05:48:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 05 10:49:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	199671	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	778893	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	407639	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	722922	20.000	ng	0.00
76) Chrysene-d12	13.880	240	457662	20.000	ng	0.00
86) Perylene-d12	15.298	264	367852	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	1009587	76.380	ng	0.00
7) Phenol-d6	6.375	99	1218551	74.274	ng	0.00
23) Nitrobenzene-d5	7.298	82	1093437	75.775	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	309591	75.518	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	1817571	74.595	ng	0.00
79) Terphenyl-d14	12.833	244	1922995	72.467	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.375	88	232670	37.950	ng	99
3) Pyridine	3.075	79	638678	39.222	ng	97
4) n-Nitrosodimethylamine	3.034	42	311285	36.906	ng	98
6) Aniline	6.392	93	782719	37.042	ng	# 76
8) 2-Chlorophenol	6.516	128	509887	37.993	ng	95
9) Benzaldehyde	6.275	77	293316	38.104	ng	99
10) Phenol	6.387	94	640286	35.377	ng	76
11) bis(2-Chloroethyl)ether	6.469	93	501952	36.958	ng	98
12) 1,3-Dichlorobenzene	6.669	146	540101	37.853	ng	98
13) 1,4-Dichlorobenzene	6.745	146	548950	38.388	ng	99
14) 1,2-Dichlorobenzene	6.898	146	506678	38.432	ng	96
15) Benzyl Alcohol	6.875	79	422083	37.244	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.010	45	814157	34.513	ng	97
17) 2-Methylphenol	6.992	107	457685	37.244	ng	99
18) Hexachloroethane	7.239	117	191837	38.586	ng	93
19) n-Nitroso-di-n-propyla...	7.151	70	340335	33.321	ng	95
20) 3+4-Methylphenols	7.151	107	542527	37.488	ng	# 68
22) Acetophenone	7.145	105	679245	37.646	ng	# 99
24) Nitrobenzene	7.316	77	550201	37.627	ng	98
25) Isophorone	7.557	82	1013792	37.003	ng	100
26) 2-Nitrophenol	7.628	139	288816	40.950	ng	99
27) 2,4-Dimethylphenol	7.675	122	463557	38.331	ng	99
28) bis(2-Chloroethoxy)met...	7.769	93	603644	37.243	ng	99
29) 2,4-Dichlorophenol	7.875	162	427981	38.874	ng	100
30) 1,2,4-Trichlorobenzene	7.957	180	443376	38.873	ng	98
31) Naphthalene	8.034	128	1488716	38.229	ng	99
32) Benzoic acid	7.798	122	257007	34.405	ng	99
33) 4-Chloroaniline	8.086	127	635783	40.408	ng	99
34) Hexachlorobutadiene	8.157	225	245913	38.901	ng	98
35) Caprolactam	8.469	113	149676	40.470	ng	# 85
36) 4-Chloro-3-methylphenol	8.575	107	460192	38.762	ng	94
37) 2-Methylnaphthalene	8.728	142	1018295	38.248	ng	99
38) 1-Methylnaphthalene	8.822	142	948326	38.076	ng	99
40) 1,2,4,5-Tetrachloroben...	8.892	216	407300	37.162	ng	99
41) Hexachlorocyclopentadiene	8.881	237	222535	34.814	ng	100
43) 2,4,6-Trichlorophenol	9.004	196	284618	37.550	ng	100

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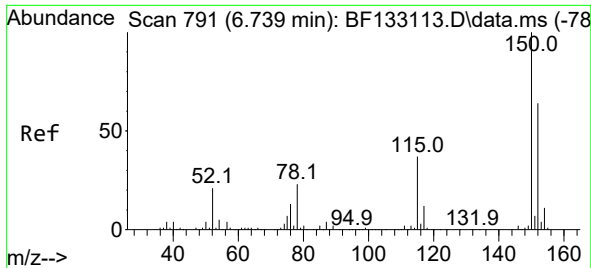
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.045	196	331373	37.801	ng	99
46) 1,1'-Biphenyl	9.192	154	1203652	37.237	ng	98
47) 2-Chloronaphthalene	9.216	162	888861	37.570	ng	99
48) 2-Nitroaniline	9.310	65	300386	38.416	ng	95
49) Acenaphthylene	9.628	152	1423365	37.652	ng	100
50) Dimethylphthalate	9.492	163	1089465	38.329	ng	99
51) 2,6-Dinitrotoluene	9.551	165	251246	39.273	ng	99
52) Acenaphthene	9.798	154	891285	35.202	ng	100
53) 3-Nitroaniline	9.722	138	301075	39.580	ng	98
54) 2,4-Dinitrophenol	9.828	184	125735	39.101	ng	98
55) Dibenzofuran	9.969	168	1301118	37.673	ng	97
56) 4-Nitrophenol	9.886	139	199130	33.799	ng	87
57) 2,4-Dinitrotoluene	9.957	165	325699	39.921	ng	93
58) Fluorene	10.316	166	948847	37.499	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.092	232	251760	37.045	ng	99
60) Diethylphthalate	10.192	149	1039789	38.729	ng	99
61) 4-Chlorophenyl-phenyle...	10.304	204	459137	37.235	ng	94
62) 4-Nitroaniline	10.333	138	297741	42.587	ng	98
63) Azobenzene	10.469	77	1052740	37.015	ng	95
65) 4,6-Dinitro-2-methylph...	10.363	198	185207	42.267	ng	78
66) n-Nitrosodiphenylamine	10.428	169	879855	37.521	ng	99
67) 4-Bromophenyl-phenylether	10.792	248	289722	36.952	ng	94
68) Hexachlorobenzene	10.863	284	294873	36.703	ng	99
69) Atrazine	10.957	200	269522	39.888	ng	99
70) Pentachlorophenol	11.057	266	199109	34.798	ng	99
71) Phenanthrene	11.269	178	1440829	37.082	ng	99
72) Anthracene	11.322	178	1501078	37.750	ng	99
73) Carbazole	11.480	167	1334123	37.680	ng	99
74) Di-n-butylphthalate	11.810	149	1629005	40.656	ng	99
75) Fluoranthene	12.457	202	1469252	37.678	ng	97
77) Benzidine	12.833	184	24332	3.144	ng	96
78) Pyrene	12.686	202	1491977	38.029	ng	98
80) Butylbenzylphthalate	13.304	149	643011	46.289	ng	94
81) Benzo(a)anthracene	13.868	228	1128181	35.847	ng	100
82) 3,3'-Dichlorobenzidine	13.833	252	343940	39.560	ng	98
83) Chrysene	13.910	228	1158269	36.812	ng	99
84) Bis(2-ethylhexyl)phtha...	13.868	149	715213	41.020	ng	98
85) Di-n-octyl phthalate	14.480	149	1109362	39.021	ng	98
87) Indeno(1,2,3-cd)pyrene	16.674	276	911709	43.572	ng	98
88) Benzo(b)fluoranthene	14.892	252	872941	37.301	ng	98
89) Benzo(k)fluoranthene	14.921	252	900952	38.837	ng	99
90) Benzo(a)pyrene	15.239	252	821085	38.547	ng	99
91) Dibenzo(a,h)anthracene	16.692	278	751800	43.079	ng	97
92) Benzo(g,h,i)perylene	17.092	276	771518	44.779	ng	97

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

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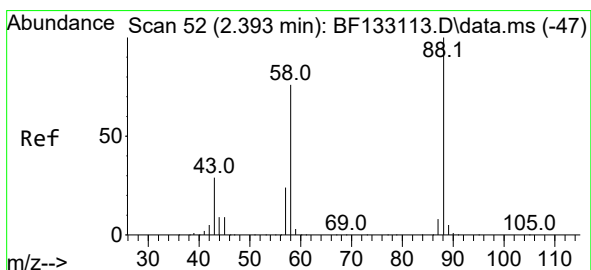
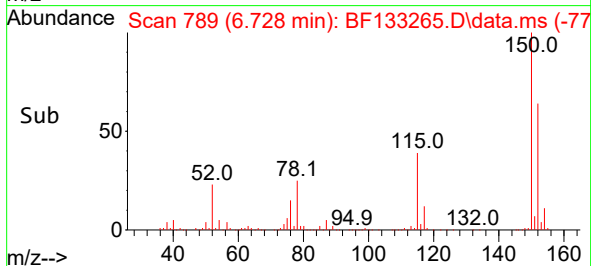
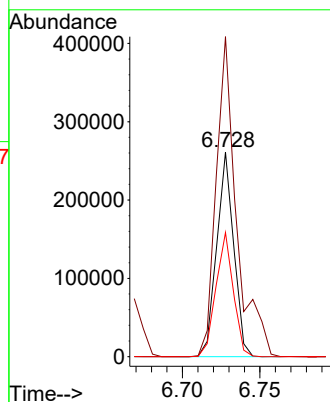
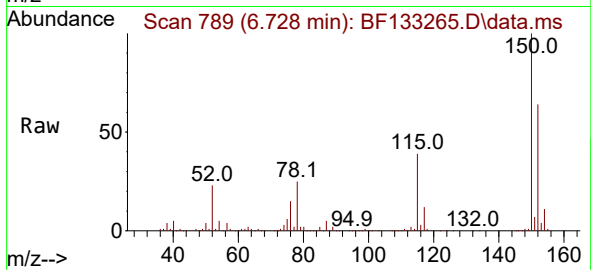




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.728 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF133265.D
 Acq: 05 May 2023 15:36

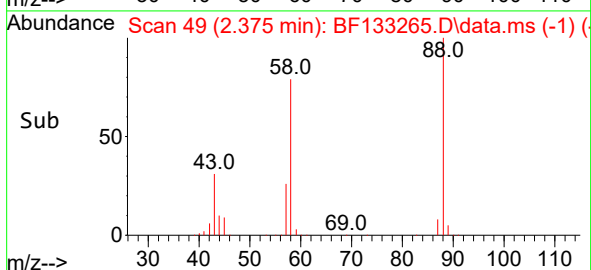
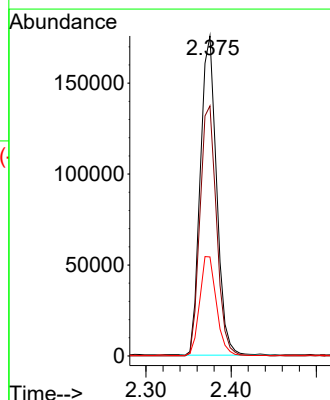
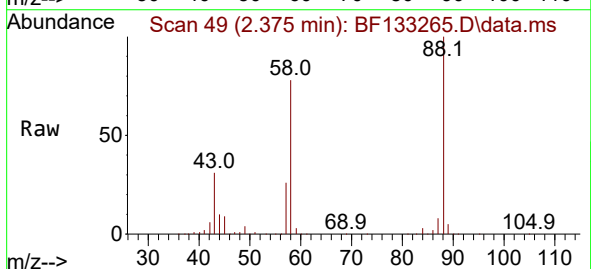
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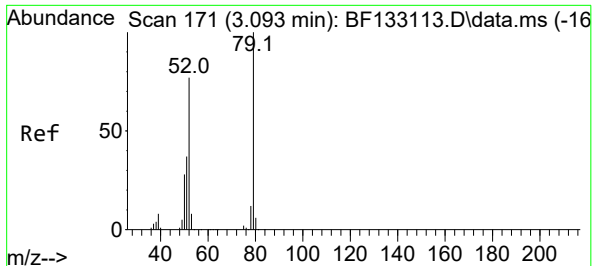
Tgt Ion:152 Resp: 199671
 Ion Ratio Lower Upper
 152 100
 150 156.4 124.8 187.2
 115 60.7 49.9 74.9



#2
 1,4-Dioxane
 Concen: 37.950 ng
 RT: 2.375 min Scan# 49
 Delta R.T. 0.006 min
 Lab File: BF133265.D
 Acq: 05 May 2023 15:36

Tgt Ion: 88 Resp: 232670
 Ion Ratio Lower Upper
 88 100
 58 79.9 64.7 97.1
 43 31.7 26.2 39.2

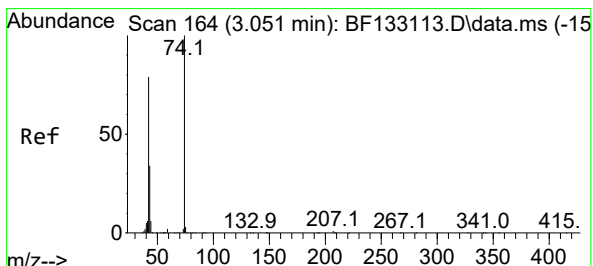
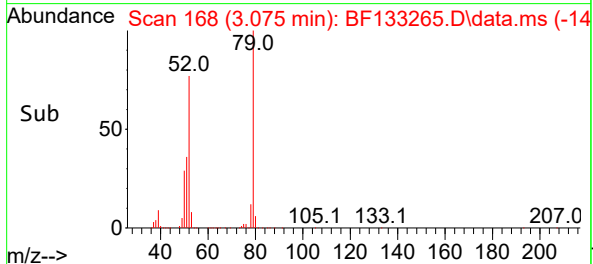
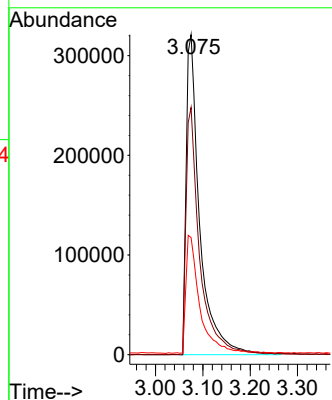
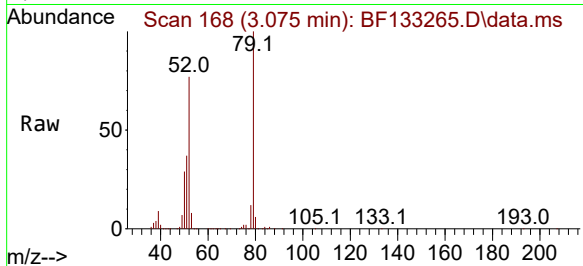




#3
 Pyridine
 Concen: 39.222 ng
 RT: 3.075 min Scan# 1
 Delta R.T. 0.012 min
 Lab File: BF133265.D
 Acq: 05 May 2023 15:36

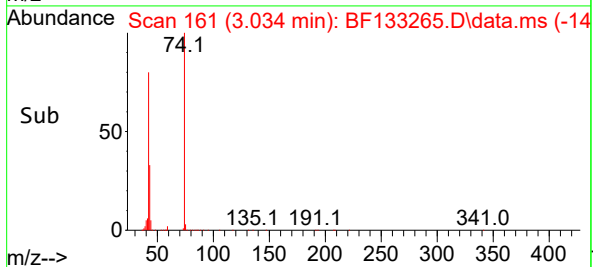
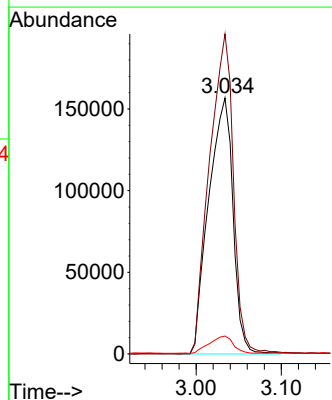
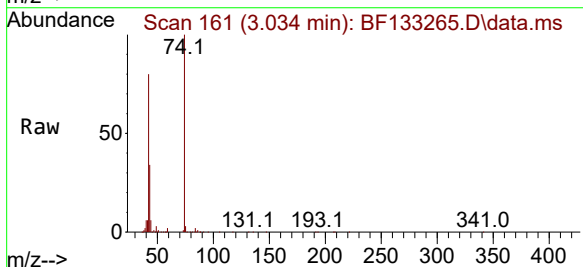
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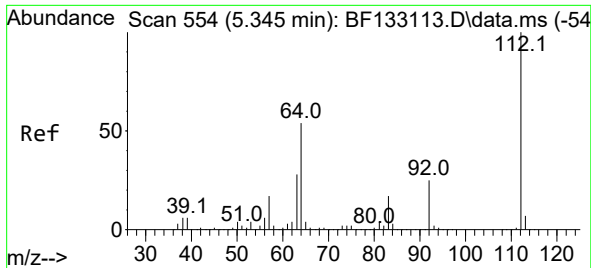
Tgt Ion: 79 Resp: 638678
 Ion Ratio Lower Upper
 79 100
 52 77.2 64.6 96.8
 51 36.6 30.0 45.0



#4
 n-Nitrosodimethylamine
 Concen: 36.906 ng
 RT: 3.034 min Scan# 161
 Delta R.T. 0.000 min
 Lab File: BF133265.D
 Acq: 05 May 2023 15:36

Tgt Ion: 42 Resp: 311285
 Ion Ratio Lower Upper
 42 100
 74 125.0 98.0 147.0
 44 7.0 5.8 8.8

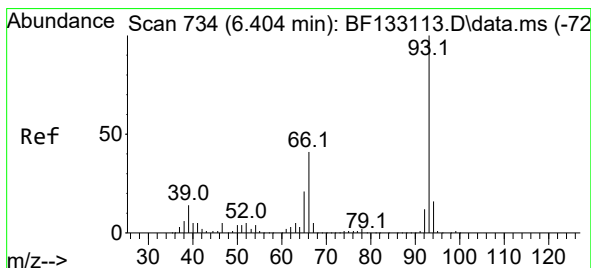
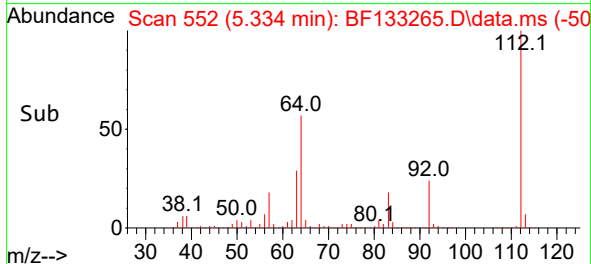
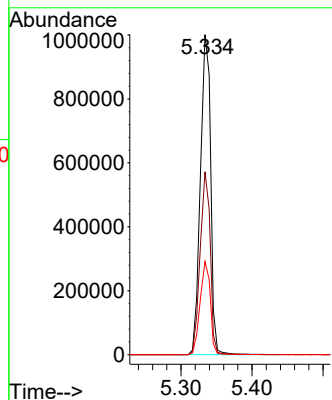
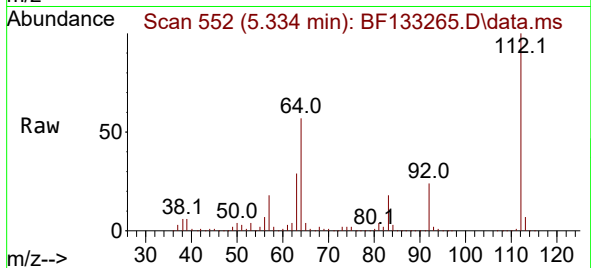




#5
2-Fluorophenol
Concen: 76.380 ng
RT: 5.334 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF133265.D
Acq: 05 May 2023 15:36

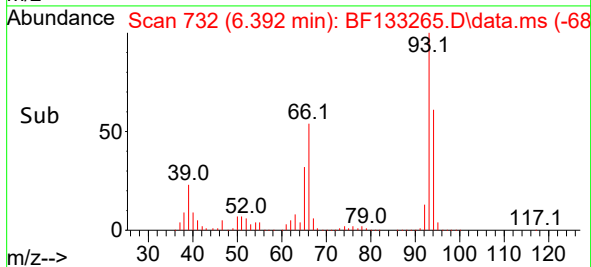
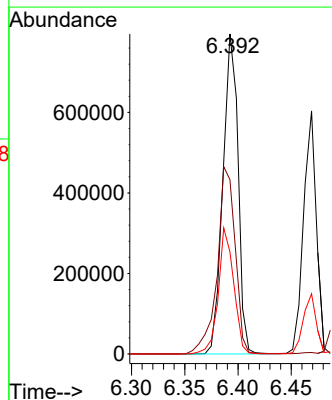
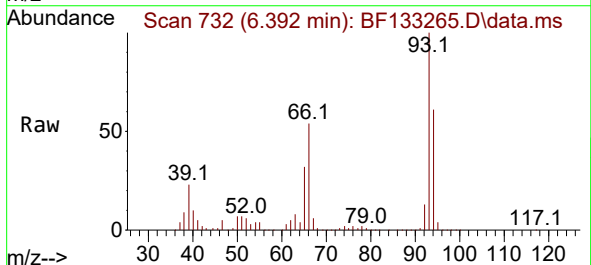
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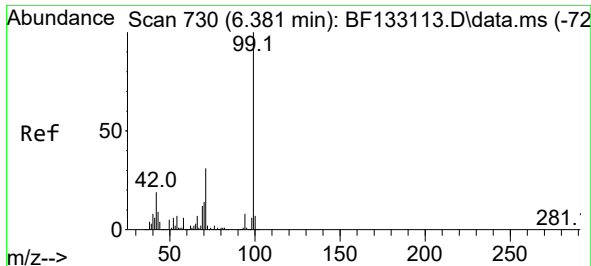
Tgt Ion:112 Resp: 1009587
Ion Ratio Lower Upper
112 100
64 57.2 46.8 70.2
63 29.1 23.8 35.8



#6
Aniline
Concen: 37.042 ng
RT: 6.392 min Scan# 732
Delta R.T. 0.000 min
Lab File: BF133265.D
Acq: 05 May 2023 15:36

Tgt Ion: 93 Resp: 782719
Ion Ratio Lower Upper
93 100
66 54.4 31.5 47.3#
65 31.9 16.4 24.6#

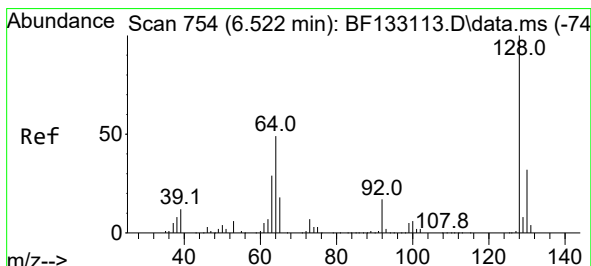
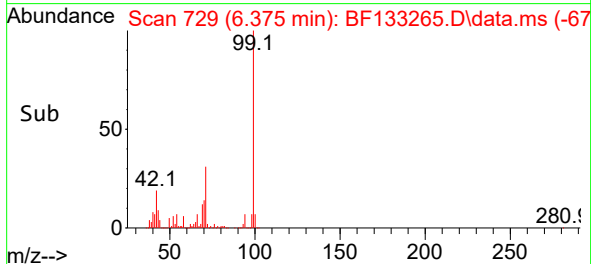
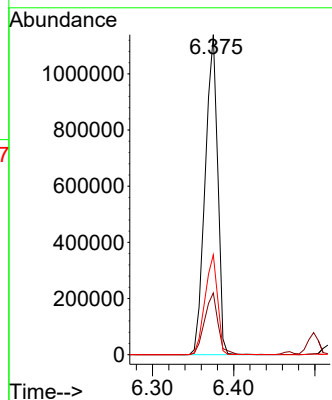
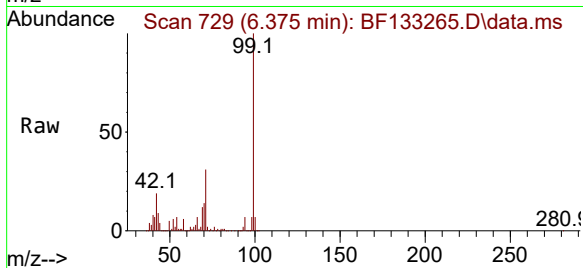




#7
Phenol-d6
Concen: 74.274 ng
RT: 6.375 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF133265.D
Acq: 05 May 2023 15:36

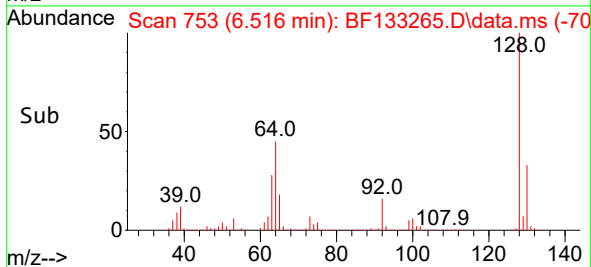
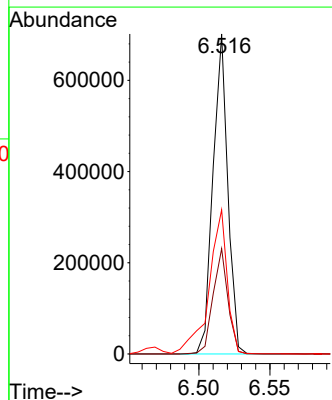
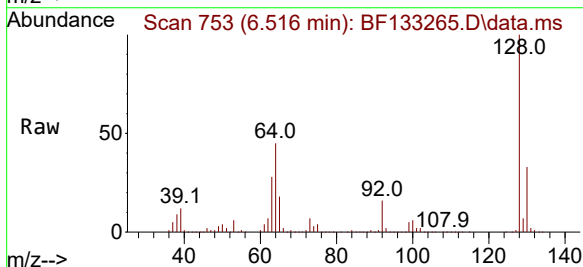
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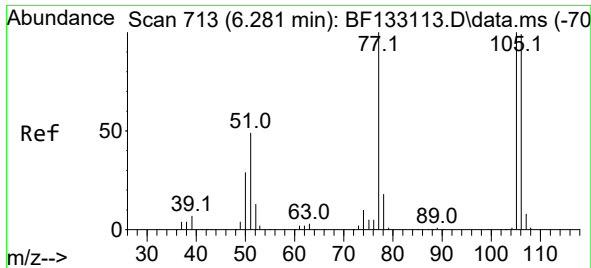
Tgt Ion: 99 Resp: 1218551
Ion Ratio Lower Upper
99 100
42 19.3 16.3 24.5
71 31.2 25.6 38.4



#8
2-Chlorophenol
Concen: 37.993 ng
RT: 6.516 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF133265.D
Acq: 05 May 2023 15:36

Tgt Ion: 128 Resp: 509887
Ion Ratio Lower Upper
128 100
130 32.9 12.2 52.2
64 45.1 30.3 70.3

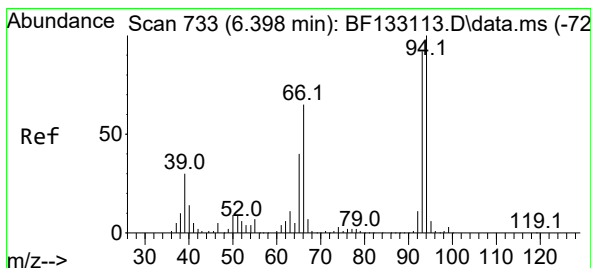
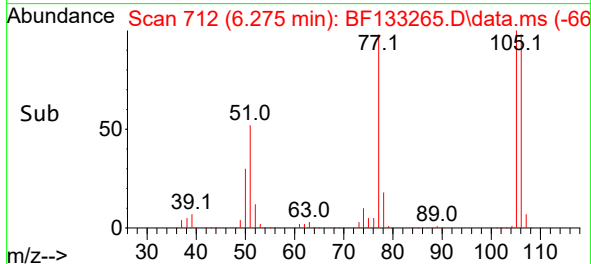
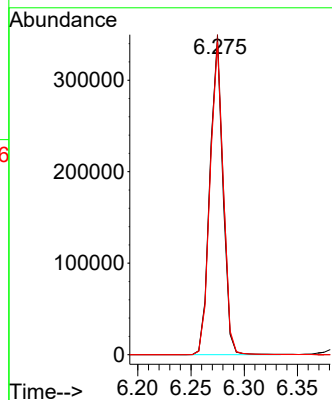
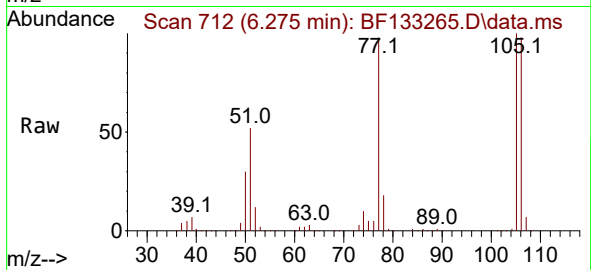




#9
Benzaldehyde
Concen: 38.104 ng
RT: 6.275 min Scan# 713
Delta R.T. 0.000 min
Lab File: BF133265.D
Acq: 05 May 2023 15:36

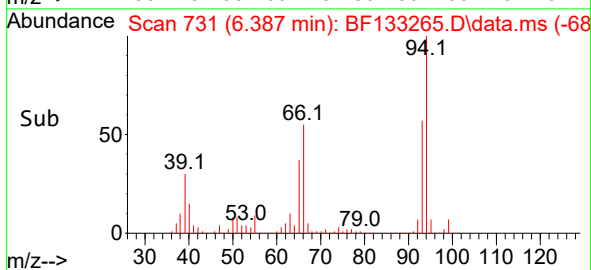
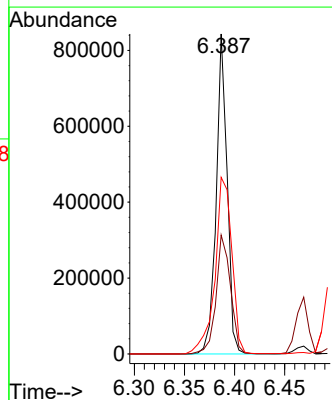
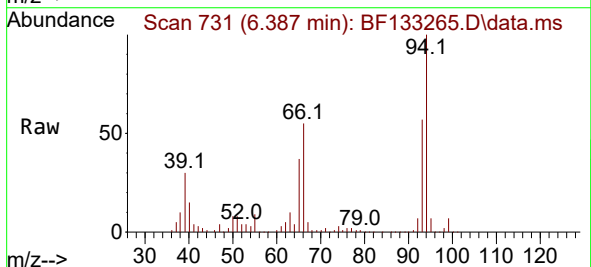
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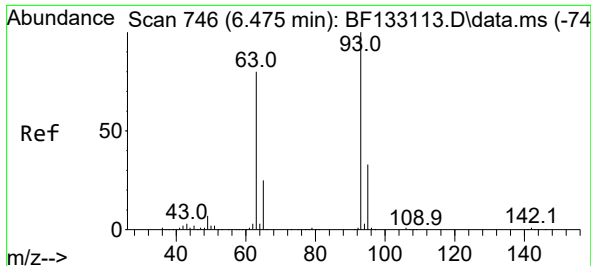
Tgt Ion: 77 Resp: 293316
Ion Ratio Lower Upper
77 100
105 101.8 82.3 122.3
106 99.4 80.8 120.8



#10
Phenol
Concen: 35.377 ng
RT: 6.387 min Scan# 731
Delta R.T. 0.000 min
Lab File: BF133265.D
Acq: 05 May 2023 15:36

Tgt Ion: 94 Resp: 640286
Ion Ratio Lower Upper
94 100
65 37.2 8.6 48.6
66 55.2 17.3 57.3

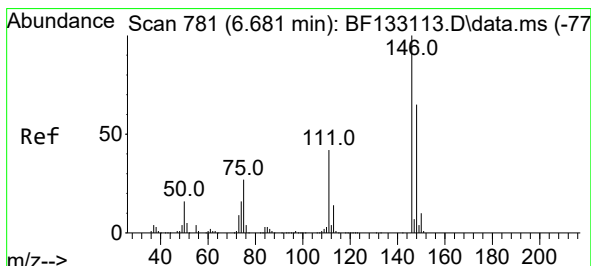
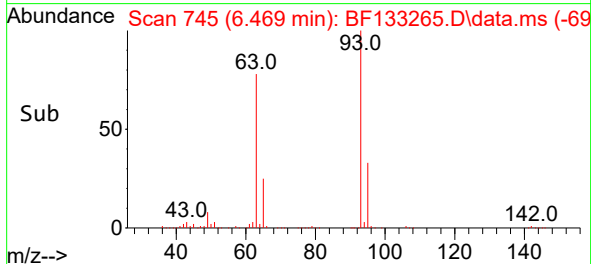
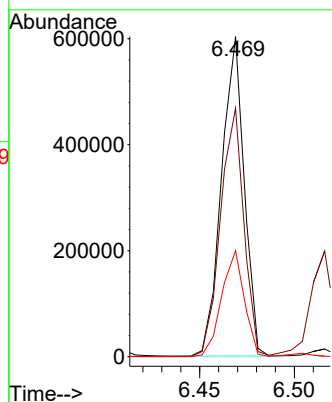
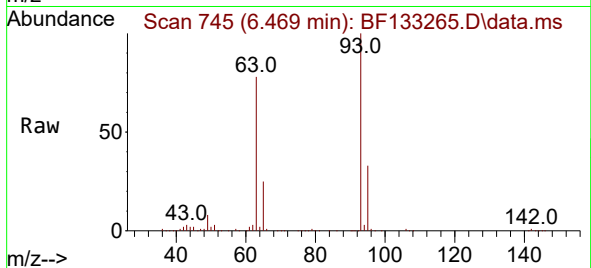




#11
bis(2-Chloroethyl)ether
Concen: 36.958 ng
RT: 6.469 min Scan# 746
Delta R.T. 0.000 min
Lab File: BF133265.D
Acq: 05 May 2023 15:36

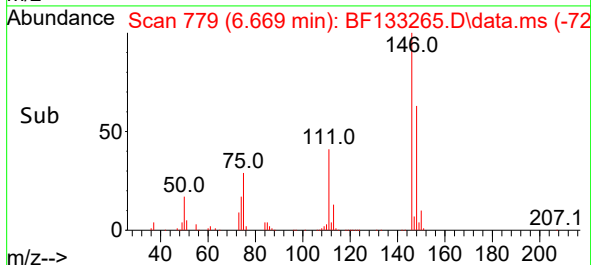
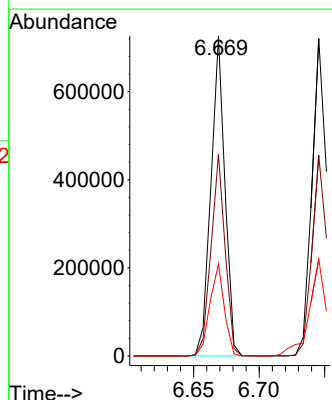
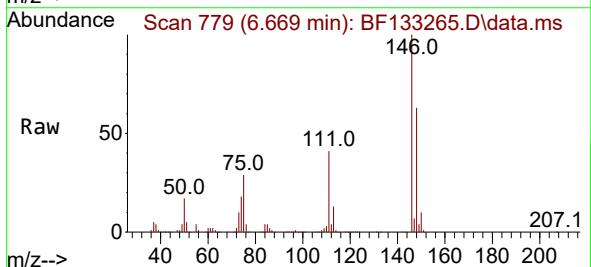
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

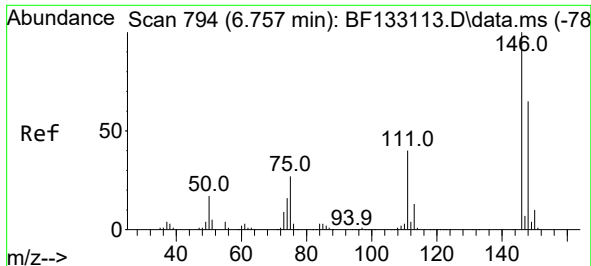
Tgt Ion: 93 Resp: 501952
Ion Ratio Lower Upper
93 100
63 77.7 60.6 100.6
95 33.1 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 37.853 ng
RT: 6.669 min Scan# 779
Delta R.T. 0.000 min
Lab File: BF133265.D
Acq: 05 May 2023 15:36

Tgt Ion: 146 Resp: 540101
Ion Ratio Lower Upper
146 100
148 63.1 51.0 76.4
75 28.7 24.8 37.2





#13

1,4-Dichlorobenzene

Concen: 38.388 ng

RT: 6.745 min Scan# 794

Delta R.T. 0.000 min

Lab File: BF133265.D

Acq: 05 May 2023 15:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

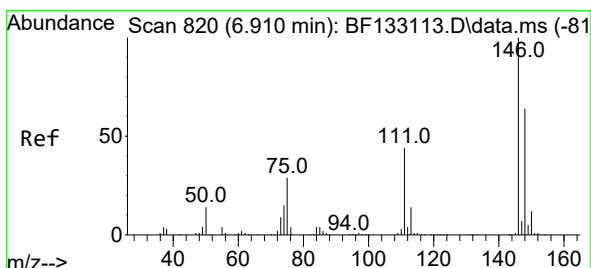
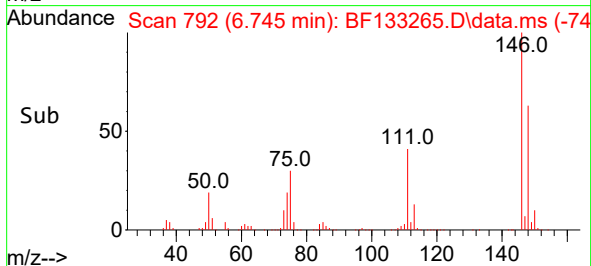
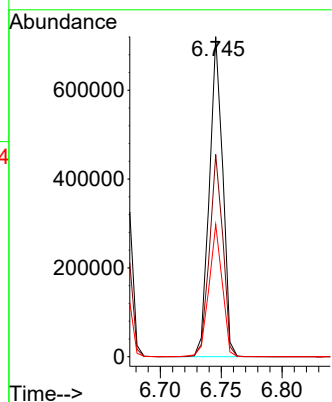
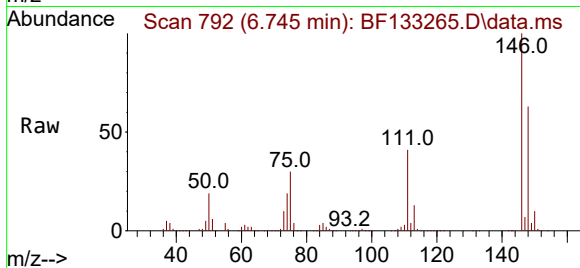
Tgt Ion:146 Resp: 548950

Ion Ratio Lower Upper

146 100

148 63.2 50.3 75.5

111 41.3 33.8 50.6



#14

1,2-Dichlorobenzene

Concen: 38.432 ng

RT: 6.898 min Scan# 818

Delta R.T. 0.000 min

Lab File: BF133265.D

Acq: 05 May 2023 15:36

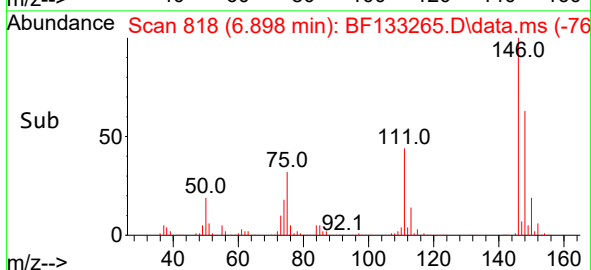
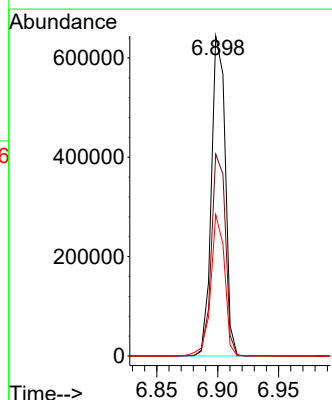
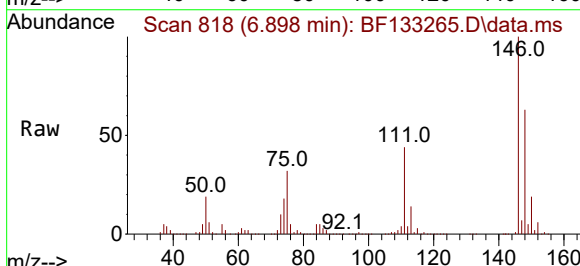
Tgt Ion:146 Resp: 506678

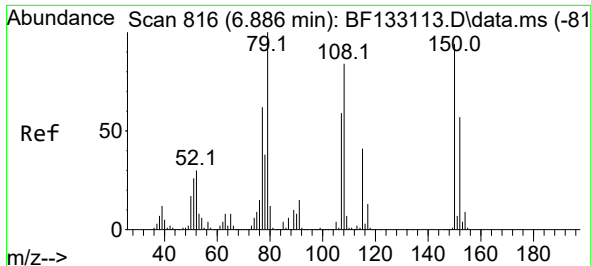
Ion Ratio Lower Upper

146 100

148 63.1 52.2 78.2

111 44.1 32.8 49.2

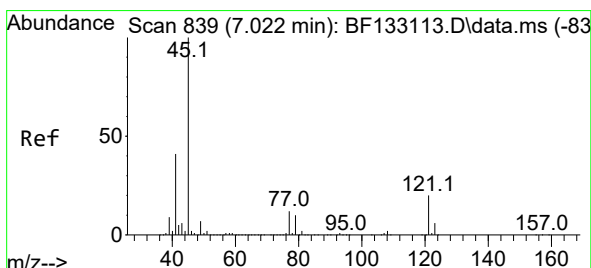
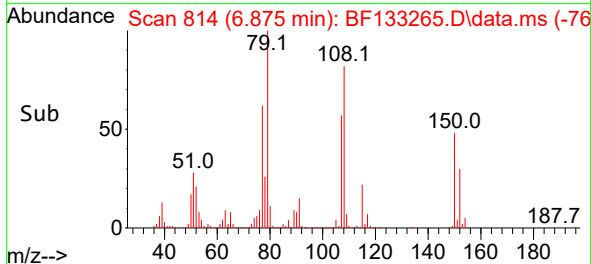
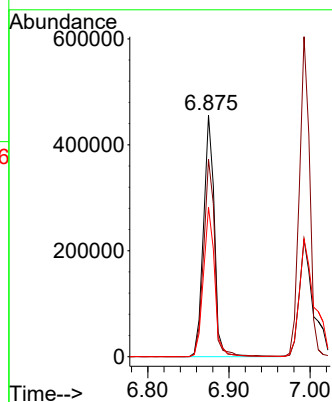
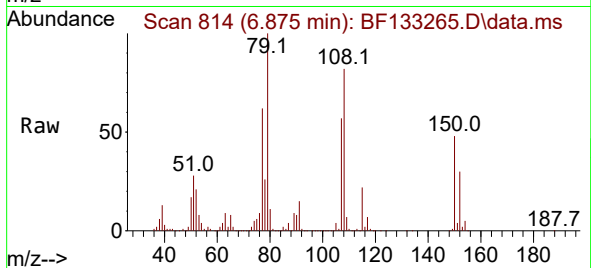




#15
Benzyl Alcohol
Concen: 37.244 ng
RT: 6.875 min Scan# 814
Delta R.T. 0.000 min
Lab File: BF133265.D
Acq: 05 May 2023 15:36

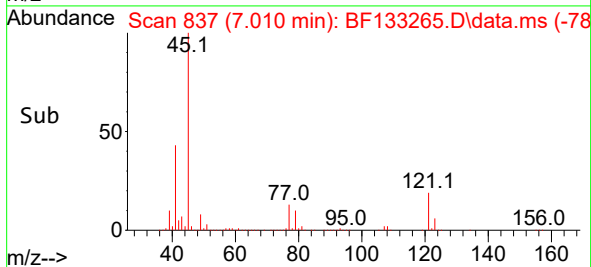
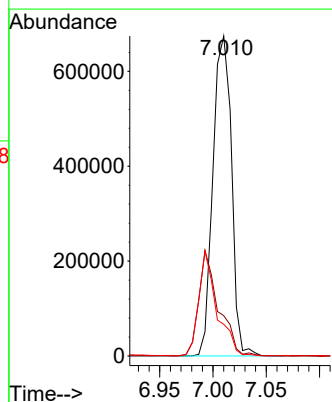
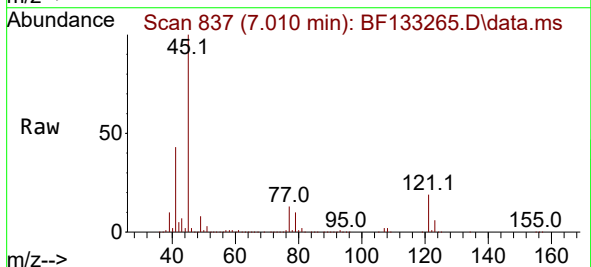
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

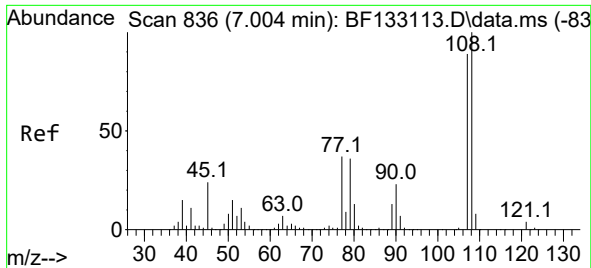
Tgt Ion: 79 Resp: 422083
Ion Ratio Lower Upper
79 100
108 81.7 66.6 99.8
77 61.9 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.513 ng
RT: 7.010 min Scan# 837
Delta R.T. 0.000 min
Lab File: BF133265.D
Acq: 05 May 2023 15:36

Tgt Ion: 45 Resp: 814157
Ion Ratio Lower Upper
45 100
77 12.6 0.0 31.5
79 9.9 0.0 28.7

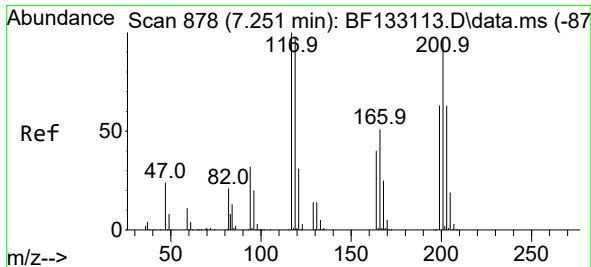
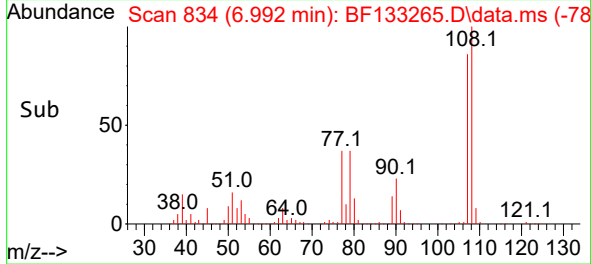
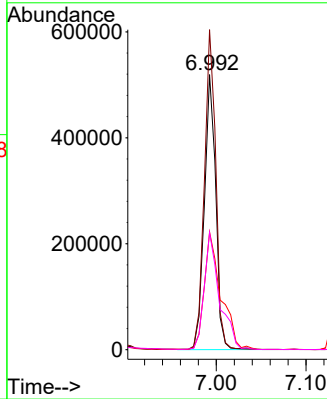
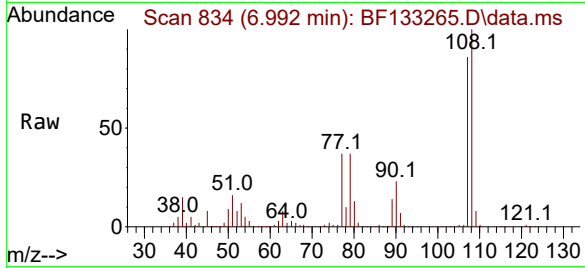




#17
2-Methylphenol
Concen: 37.244 ng
RT: 6.992 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF133265.D
Acq: 05 May 2023 15:36

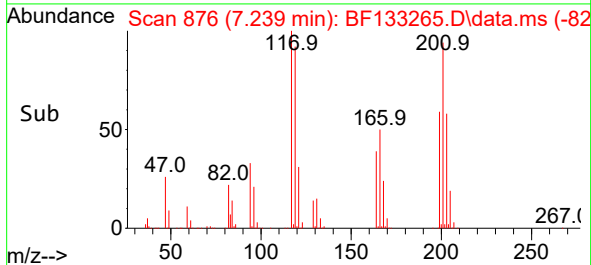
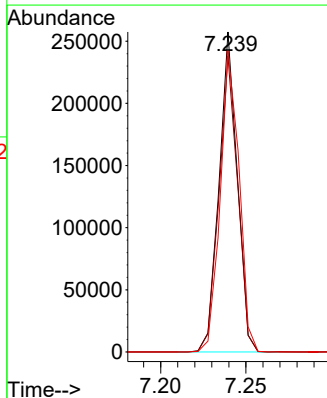
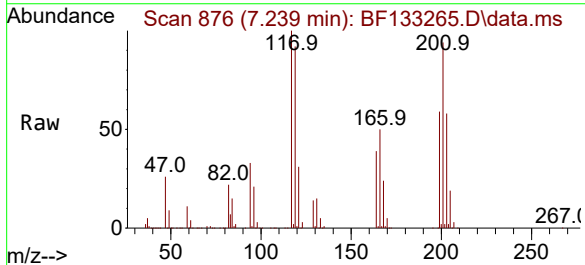
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

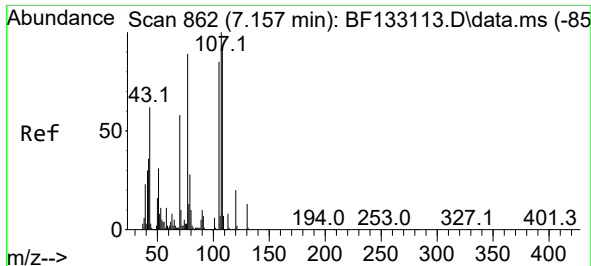
Tgt Ion:	107	Resp:	457685
Ion	Ratio	Lower	Upper
107	100		
108	116.4	92.4	138.6
77	42.8	33.8	50.8
79	42.6	33.1	49.7



#18
Hexachloroethane
Concen: 38.586 ng
RT: 7.239 min Scan# 876
Delta R.T. 0.000 min
Lab File: BF133265.D
Acq: 05 May 2023 15:36

Tgt Ion:	117	Resp:	191837
Ion	Ratio	Lower	Upper
117	100		
119	92.5	78.2	117.4
201	94.1	81.7	122.5



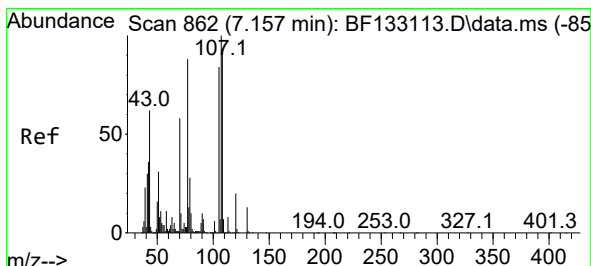
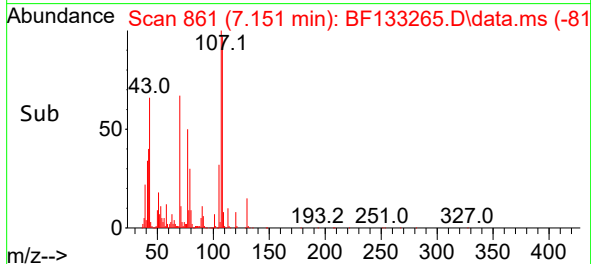
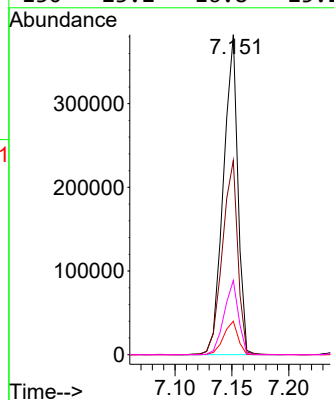
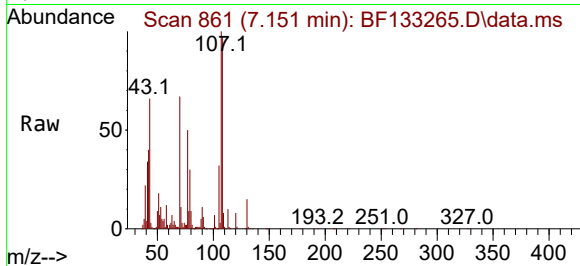


#19
n-Nitroso-di-n-propylamine
Concen: 33.321 ng
RT: 7.151 min Scan# 861
Delta R.T. 0.000 min
Lab File: BF133265.D
Acq: 05 May 2023 15:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 340335

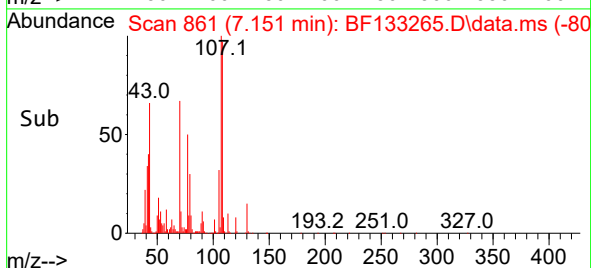
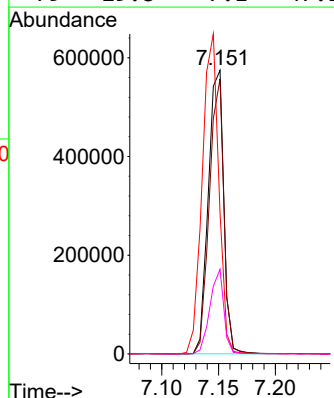
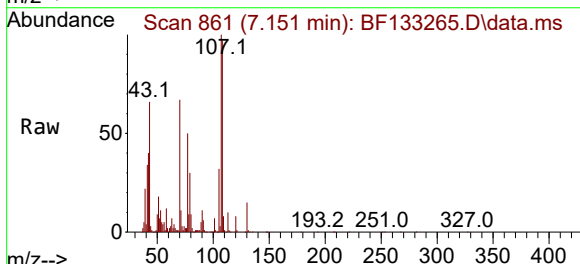
Ion	Ratio	Lower	Upper
70	100		
42	60.7	51.8	77.6
101	10.4	8.0	12.0
130	23.2	16.8	25.2

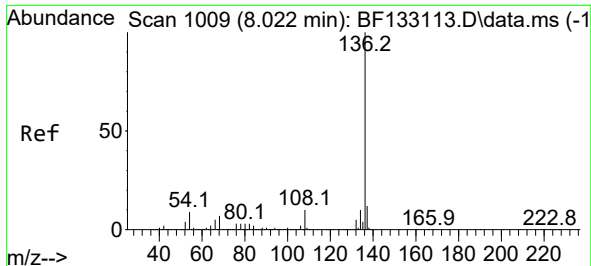


#20
3+4-Methylphenols
Concen: 37.488 ng
RT: 7.151 min Scan# 861
Delta R.T. 0.006 min
Lab File: BF133265.D
Acq: 05 May 2023 15:36

Tgt Ion: 107 Resp: 542527

Ion	Ratio	Lower	Upper
107	100		
108	97.0	70.5	110.5
77	49.8	91.7	131.7#
79	29.8	7.1	47.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1009
Delta R.T. 0.000 min
Lab File: BF133265.D
Acq: 05 May 2023 15:36

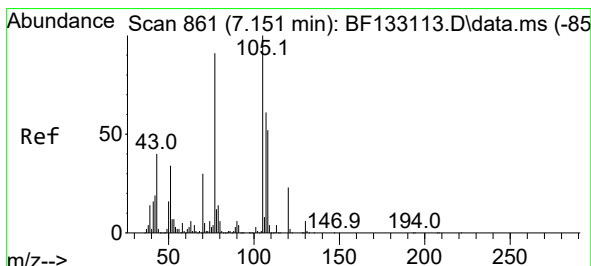
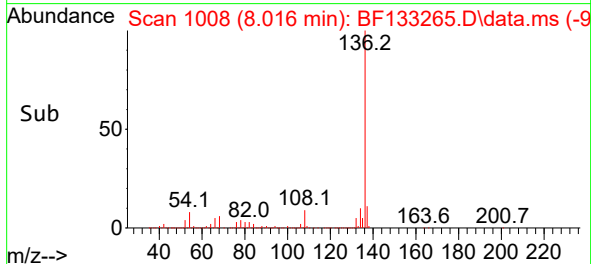
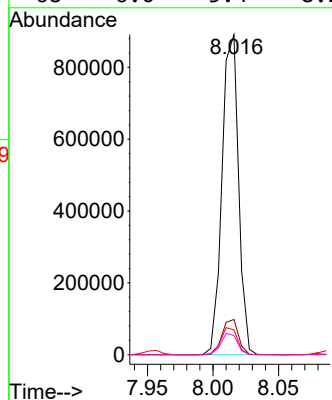
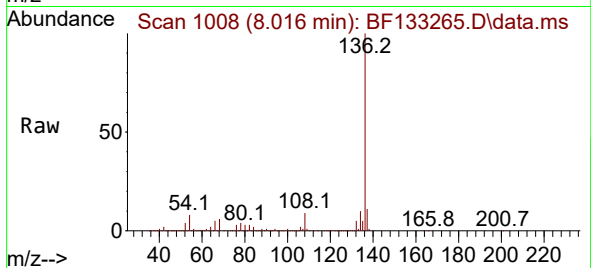
Instrument :

BNA_F

ClientSampleId :

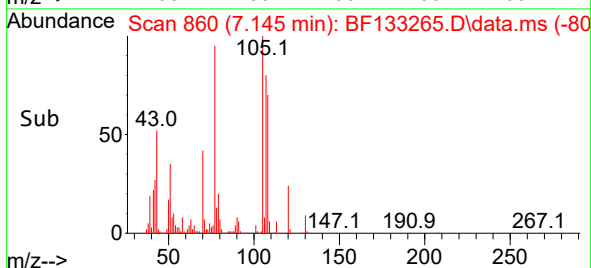
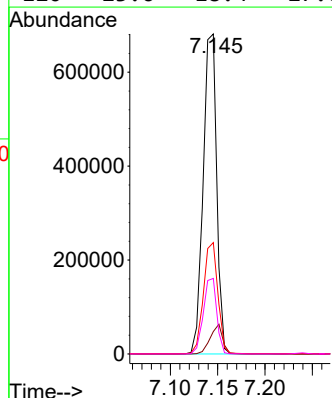
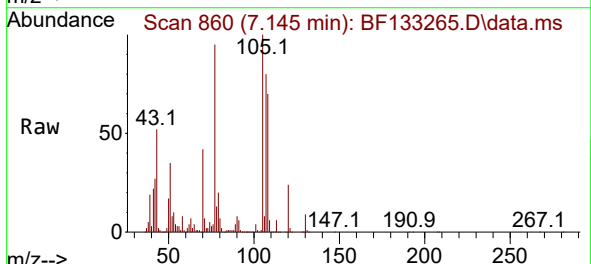
SSTDCCC040

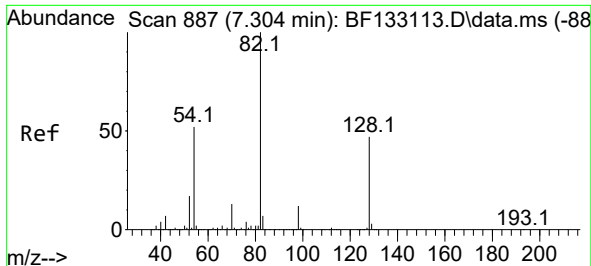
Tgt Ion:136 Resp: 778893
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 7.8 7.0 10.4
68 6.0 5.4 8.2



#22
Acetophenone
Concen: 37.646 ng
RT: 7.145 min Scan# 860
Delta R.T. 0.000 min
Lab File: BF133265.D
Acq: 05 May 2023 15:36

Tgt Ion:105 Resp: 679245
Ion Ratio Lower Upper
105 100
71 7.0 4.6 7.0#
51 34.8 28.2 42.2
120 23.6 18.4 27.6





#23

Nitrobenzene-d5

Concen: 75.775 ng

RT: 7.298 min Scan# 886

Delta R.T. 0.000 min

Lab File: BF133265.D

Acq: 05 May 2023 15:36

Instrument :

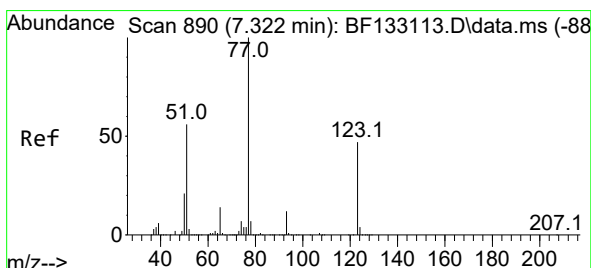
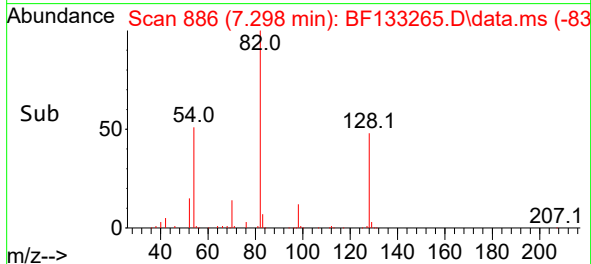
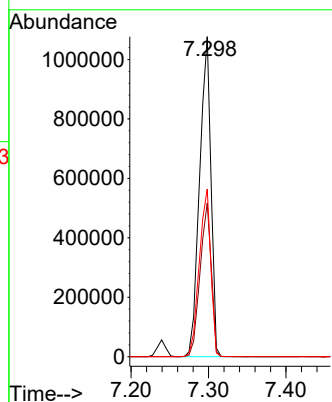
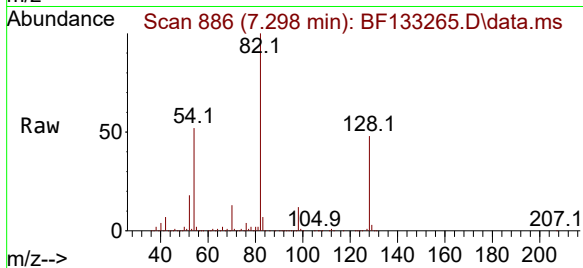
BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 1093437

Ion	Ratio	Lower	Upper
82	100		
128	48.0	37.7	56.5
54	52.4	43.0	64.4



#24

Nitrobenzene

Concen: 37.627 ng

RT: 7.316 min Scan# 889

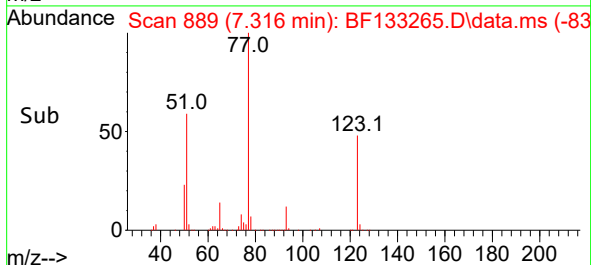
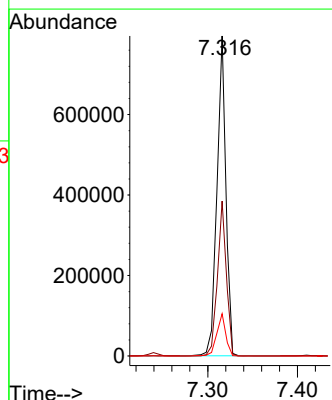
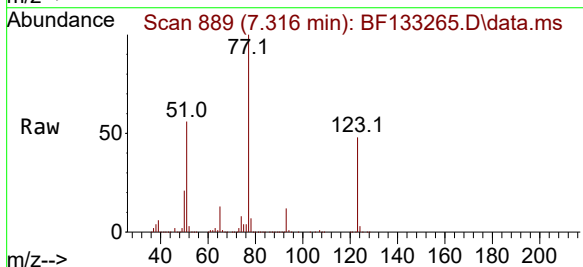
Delta R.T. 0.000 min

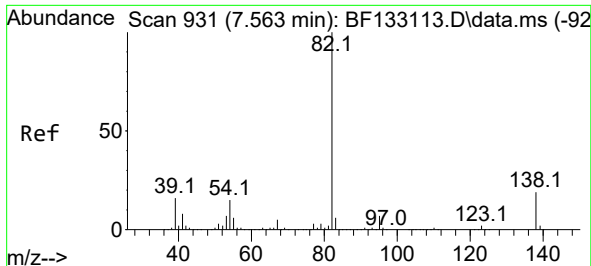
Lab File: BF133265.D

Acq: 05 May 2023 15:36

Tgt Ion: 77 Resp: 550201

Ion	Ratio	Lower	Upper
77	100		
123	48.4	39.9	59.9
65	13.2	10.7	16.1

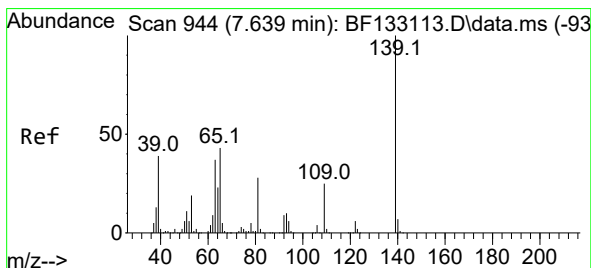
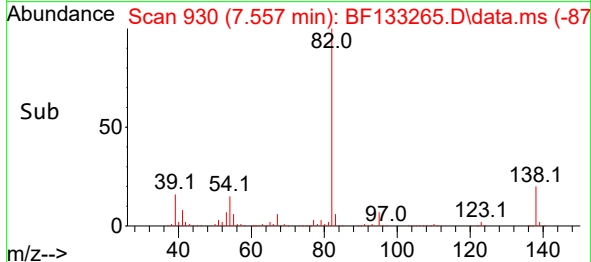
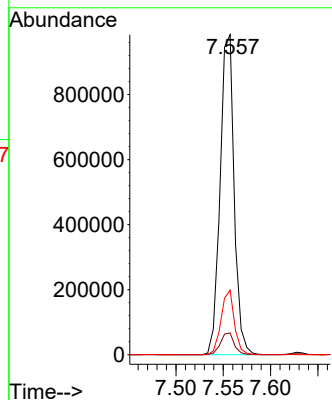
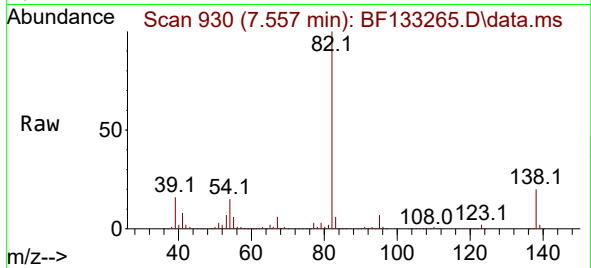




#25
Isophorone
Concen: 37.003 ng
RT: 7.557 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF133265.D
Acq: 05 May 2023 15:36

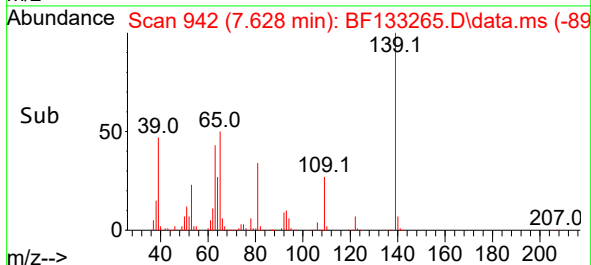
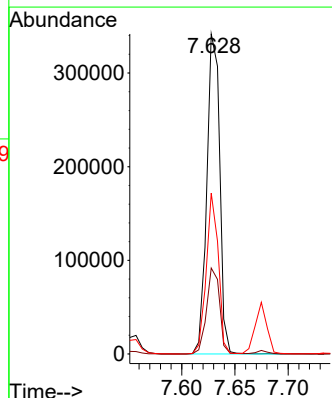
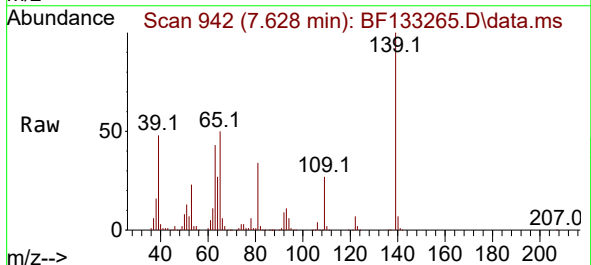
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

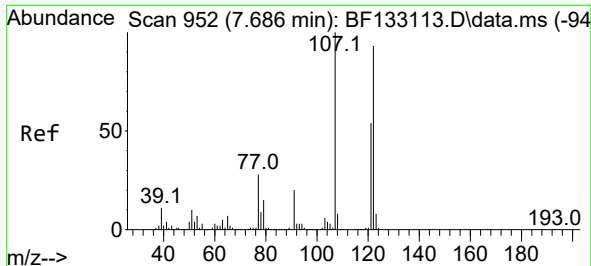
Tgt Ion: 82 Resp: 1013792
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.0
138 20.2 16.0 24.0



#26
2-Nitrophenol
Concen: 40.950 ng
RT: 7.628 min Scan# 942
Delta R.T. 0.000 min
Lab File: BF133265.D
Acq: 05 May 2023 15:36

Tgt Ion: 139 Resp: 288816
Ion Ratio Lower Upper
139 100
109 26.8 21.6 32.4
65 50.2 39.8 59.6





#27

2,4-Dimethylphenol

Concen: 38.331 ng

RT: 7.675 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF133265.D

Acq: 05 May 2023 15:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

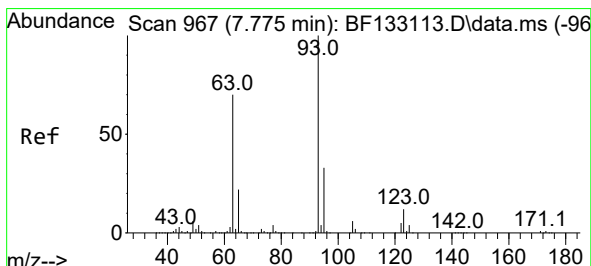
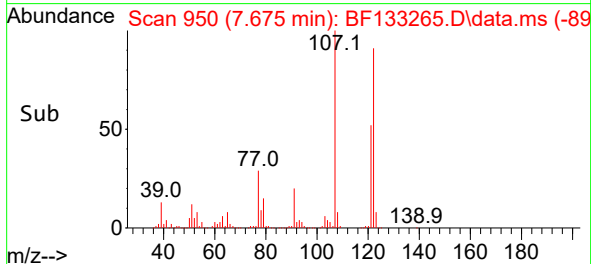
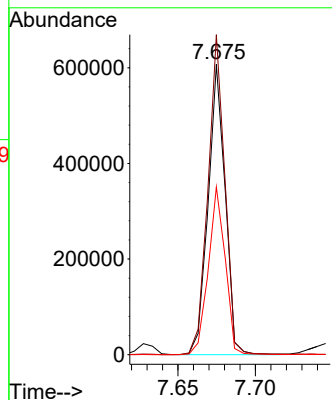
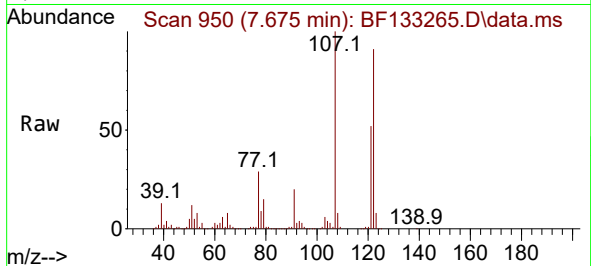
Tgt Ion:122 Resp: 463557

Ion Ratio Lower Upper

122 100

107 110.2 89.7 134.5

121 57.7 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 37.243 ng

RT: 7.769 min Scan# 966

Delta R.T. 0.000 min

Lab File: BF133265.D

Acq: 05 May 2023 15:36

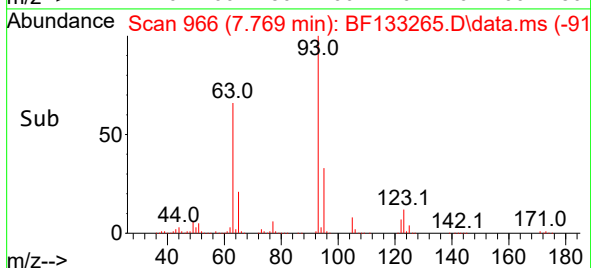
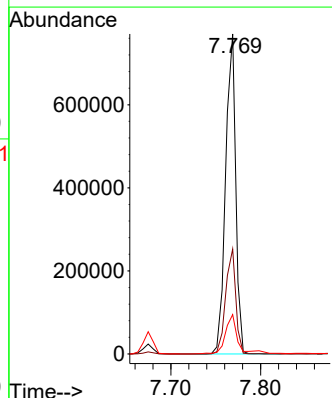
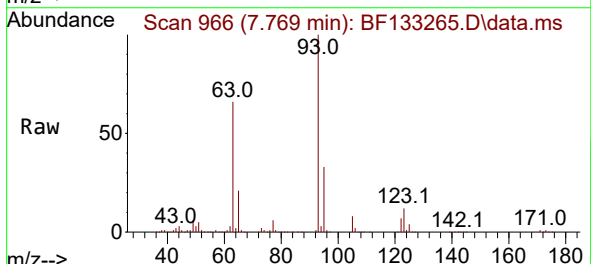
Tgt Ion: 93 Resp: 603644

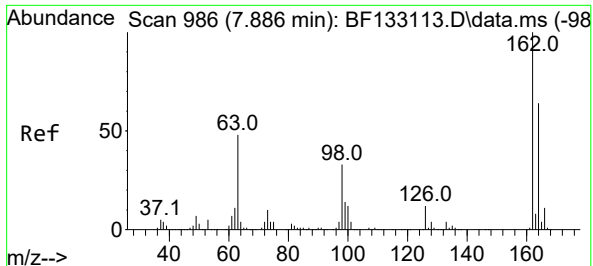
Ion Ratio Lower Upper

93 100

95 32.8 26.4 39.6

123 12.3 10.3 15.5





#29

2,4-Dichlorophenol

Concen: 38.874 ng

RT: 7.875 min Scan# 984

Delta R.T. 0.000 min

Lab File: BF133265.D

Acq: 05 May 2023 15:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

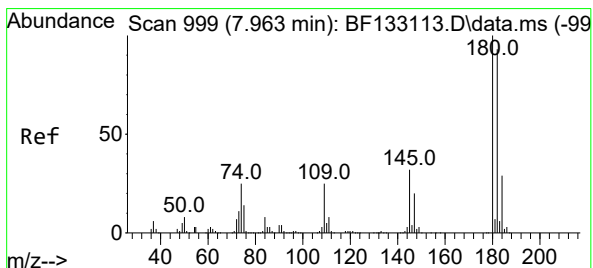
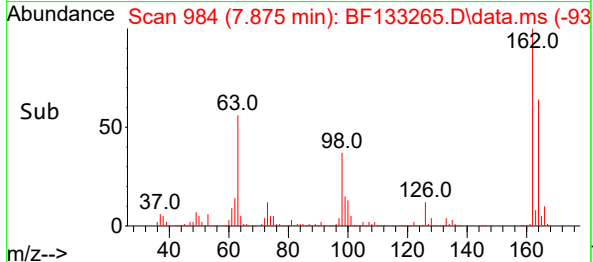
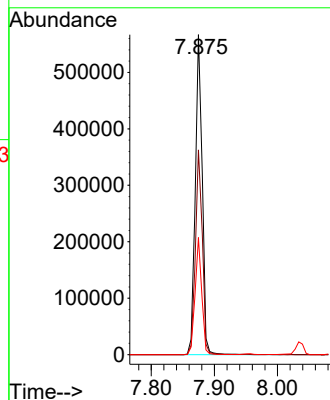
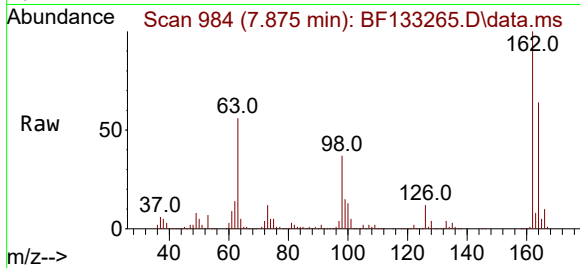
Tgt Ion:162 Resp: 427981

Ion Ratio Lower Upper

162 100

164 64.0 43.9 83.9

98 36.6 17.0 57.0



#30

1,2,4-Trichlorobenzene

Concen: 38.873 ng

RT: 7.957 min Scan# 998

Delta R.T. 0.000 min

Lab File: BF133265.D

Acq: 05 May 2023 15:36

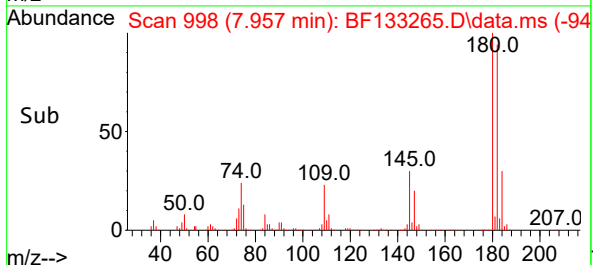
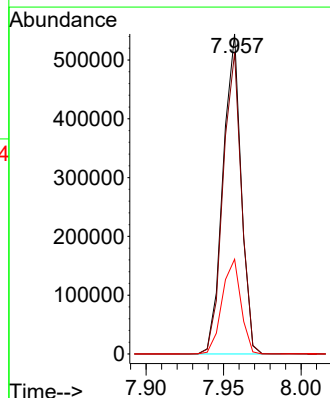
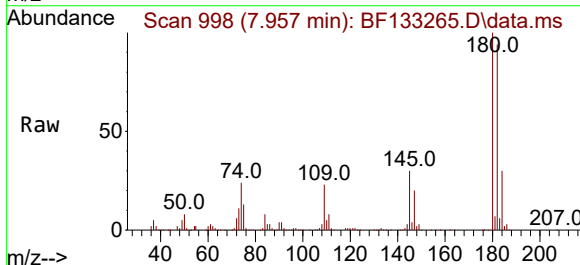
Tgt Ion:180 Resp: 443376

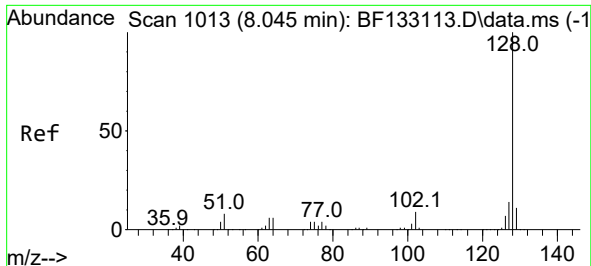
Ion Ratio Lower Upper

180 100

182 94.1 75.9 113.9

145 29.6 25.3 37.9

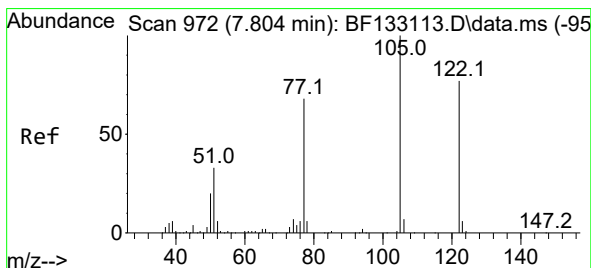
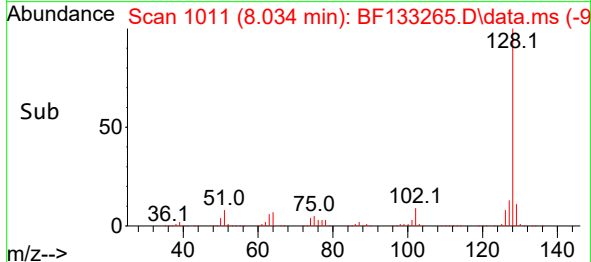
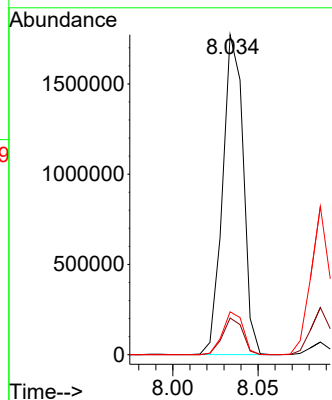
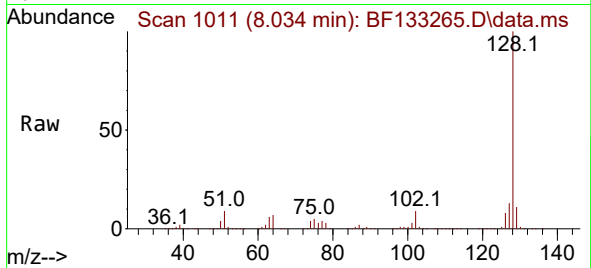




#31
Naphthalene
Concen: 38.229 ng
RT: 8.034 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF133265.D
Acq: 05 May 2023 15:36

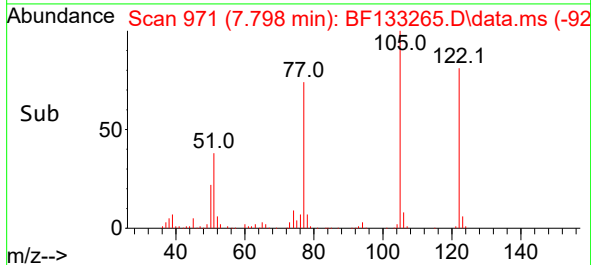
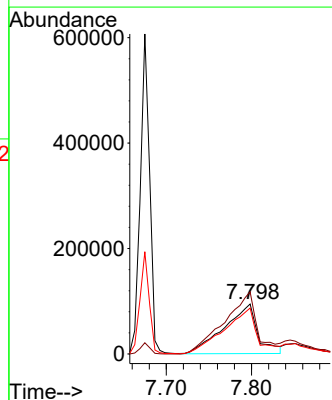
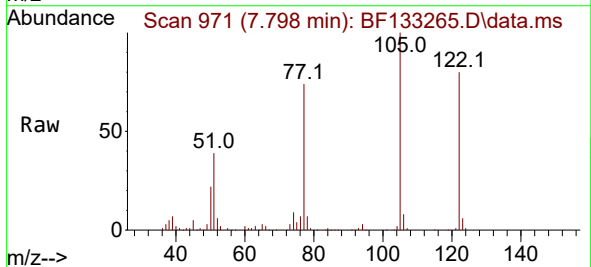
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

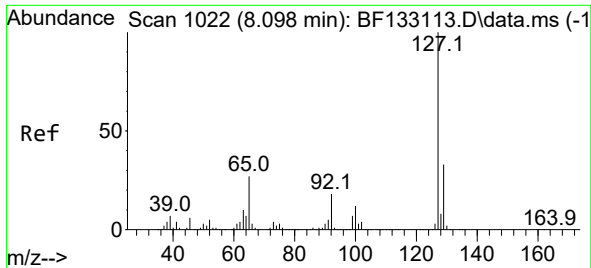
Tgt Ion:128 Resp: 1488716
Ion Ratio Lower Upper
128 100
129 11.5 8.8 13.2
127 13.4 10.7 16.1



#32
Benzoic acid
Concen: 34.405 ng
RT: 7.798 min Scan# 971
Delta R.T. 0.000 min
Lab File: BF133265.D
Acq: 05 May 2023 15:36

Tgt Ion:122 Resp: 257007
Ion Ratio Lower Upper
122 100
105 124.2 104.2 144.2
77 92.1 69.7 109.7

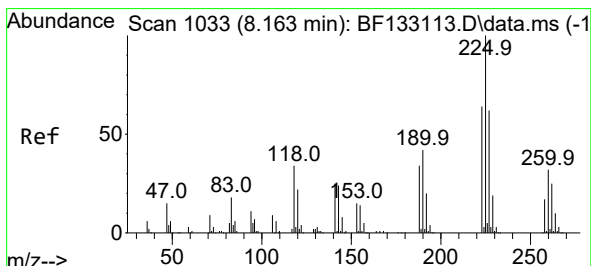
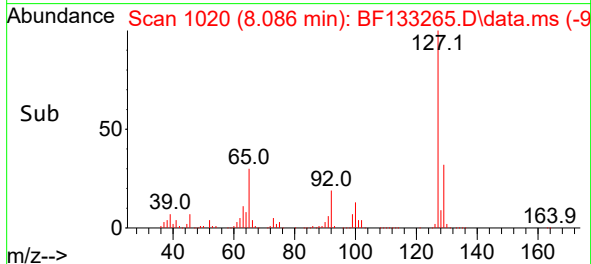
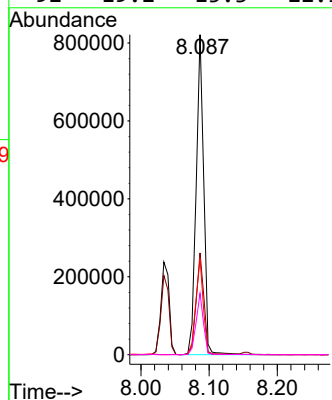
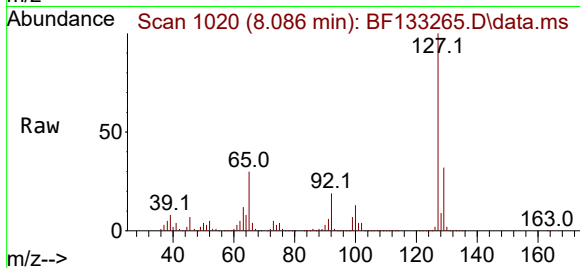




#33
4-Chloroaniline
Concen: 40.408 ng
RT: 8.086 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF133265.D
Acq: 05 May 2023 15:36

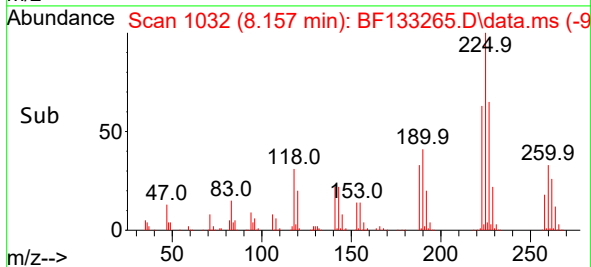
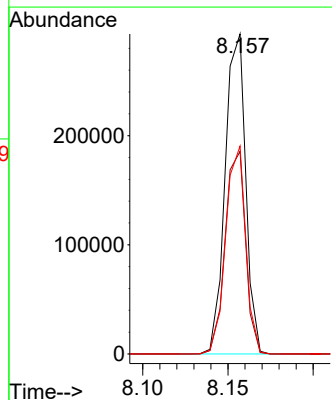
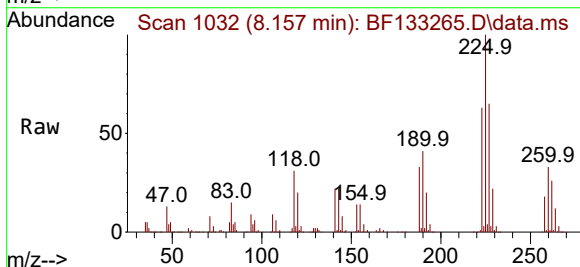
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

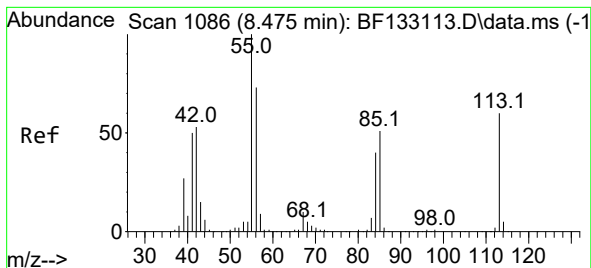
Tgt Ion:	127	Resp:	635783
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.8	38.8
65	30.1	23.6	35.4
92	19.2	15.3	22.9



#34
Hexachlorobutadiene
Concen: 38.901 ng
RT: 8.157 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF133265.D
Acq: 05 May 2023 15:36

Tgt Ion:	225	Resp:	245913
Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.9	76.3
227	64.9	50.3	75.5





#35

Caprolactam

Concen: 40.470 ng

RT: 8.469 min Scan# 1103

Delta R.T. 0.006 min

Lab File: BF133265.D

Acq: 05 May 2023 15:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

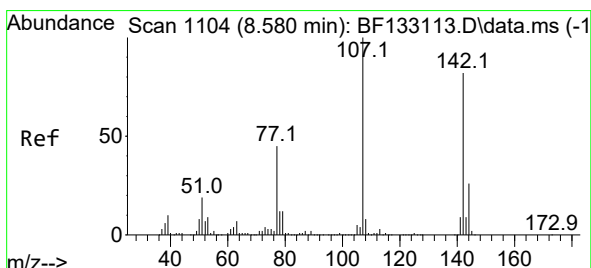
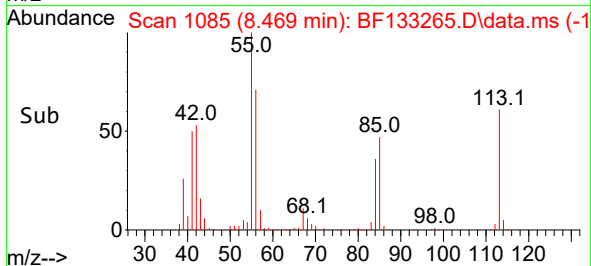
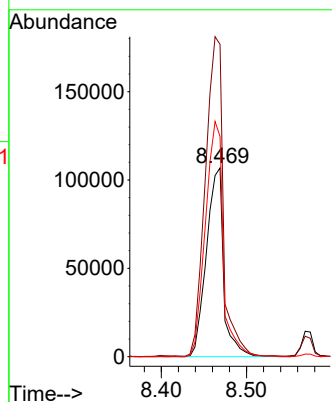
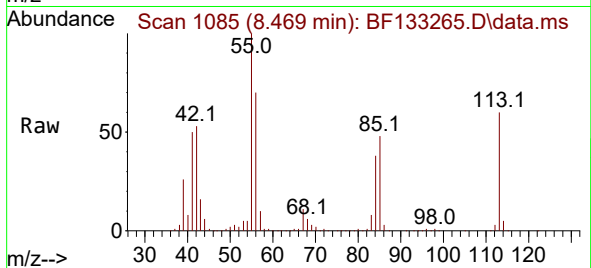
Tgt Ion:113 Resp: 149676

Ion Ratio Lower Upper

113 100

55 165.4 167.1 207.1#

56 116.6 114.5 154.5



#36

4-Chloro-3-methylphenol

Concen: 38.762 ng

RT: 8.575 min Scan# 1103

Delta R.T. 0.006 min

Lab File: BF133265.D

Acq: 05 May 2023 15:36

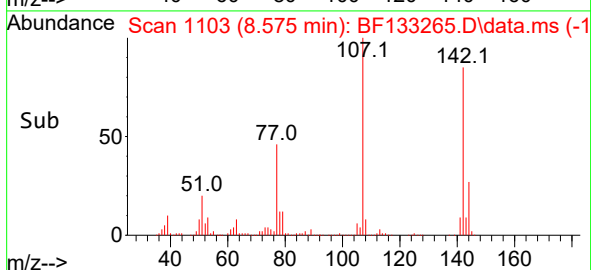
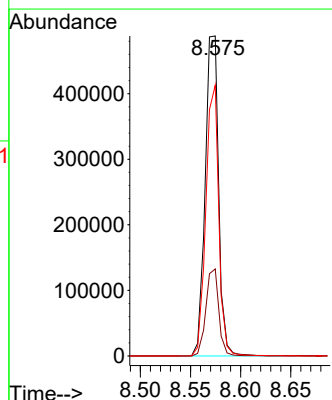
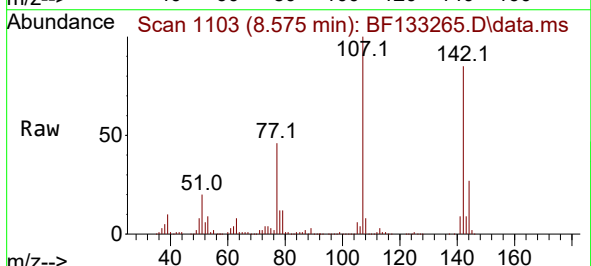
Tgt Ion:107 Resp: 460192

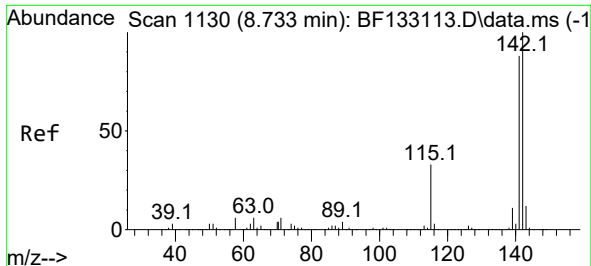
Ion Ratio Lower Upper

107 100

144 27.2 20.6 30.8

142 84.6 62.8 94.2





#37

2-Methylnaphthalene

Concen: 38.248 ng

RT: 8.728 min Scan# 1129

Delta R.T. 0.000 min

Lab File: BF133265.D

Acq: 05 May 2023 15:36

Instrument :

BNA_F

ClientSampleId :

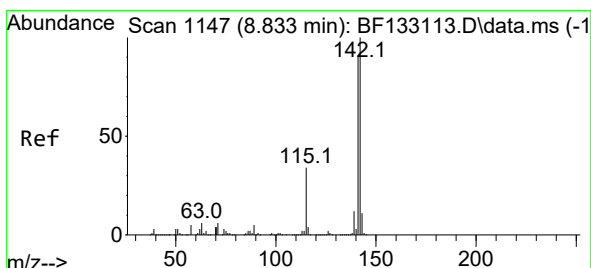
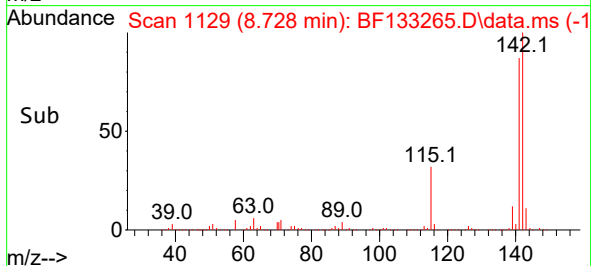
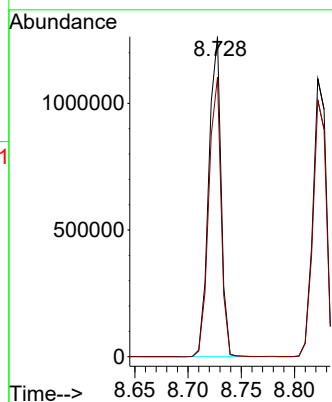
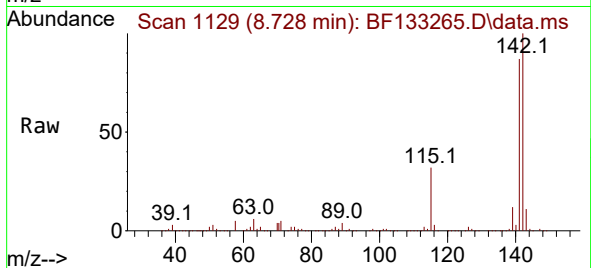
SSTDCCC040

Tgt Ion:142 Resp: 1018295

Ion Ratio Lower Upper

142 100

141 87.3 69.4 104.0



#38

1-Methylnaphthalene

Concen: 38.076 ng

RT: 8.822 min Scan# 1145

Delta R.T. 0.000 min

Lab File: BF133265.D

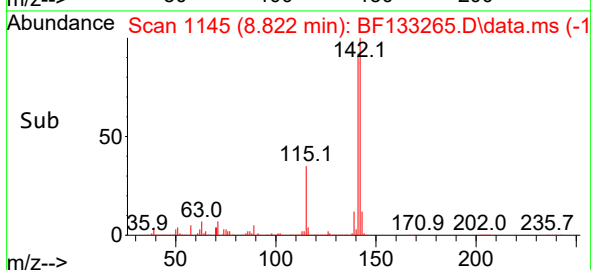
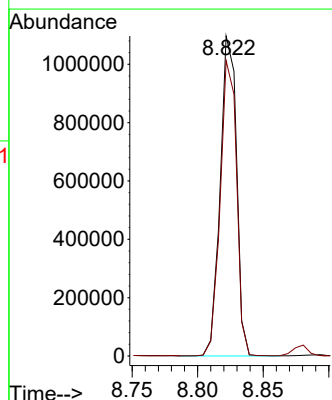
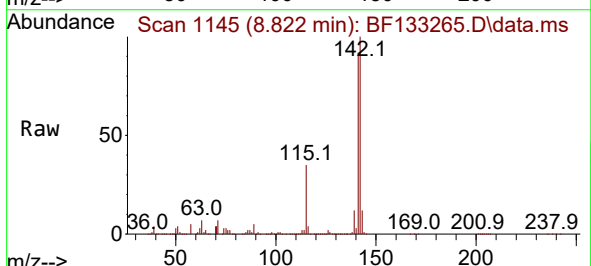
Acq: 05 May 2023 15:36

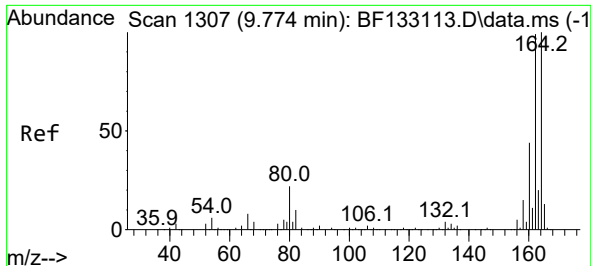
Tgt Ion:142 Resp: 948326

Ion Ratio Lower Upper

142 100

141 92.3 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.763 min Scan# 1105

Delta R.T. 0.000 min

Lab File: BF133265.D

Acq: 05 May 2023 15:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

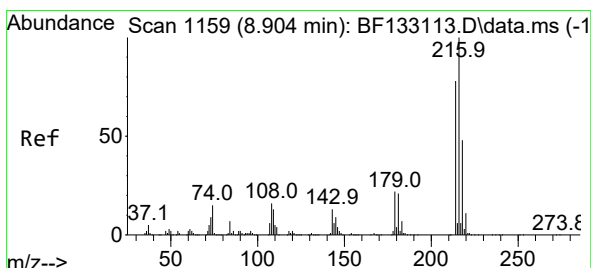
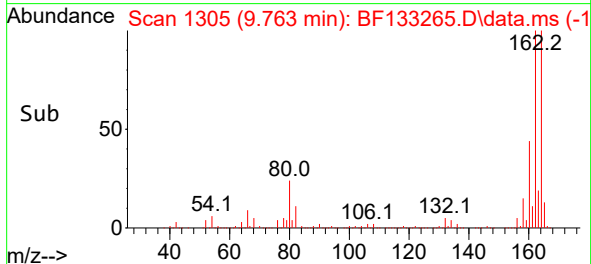
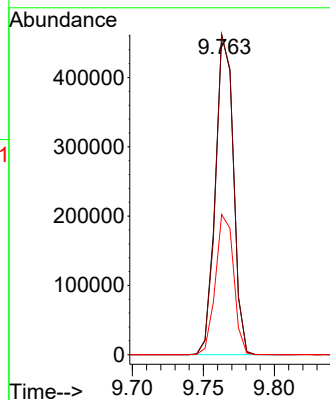
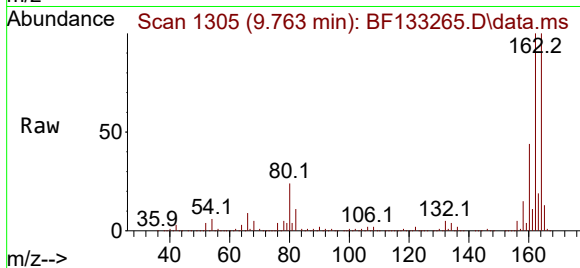
Tgt Ion:164 Resp: 407639

Ion Ratio Lower Upper

164 100

162 100.0 78.7 118.1

160 43.8 35.8 53.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.162 ng

RT: 8.892 min Scan# 1157

Delta R.T. 0.000 min

Lab File: BF133265.D

Acq: 05 May 2023 15:36

Tgt Ion:216 Resp: 407300

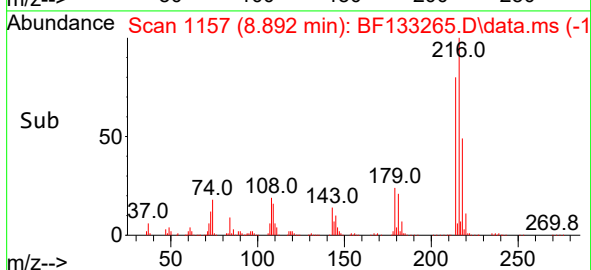
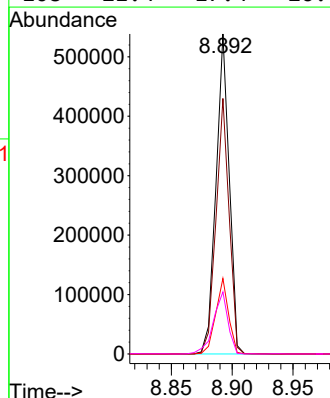
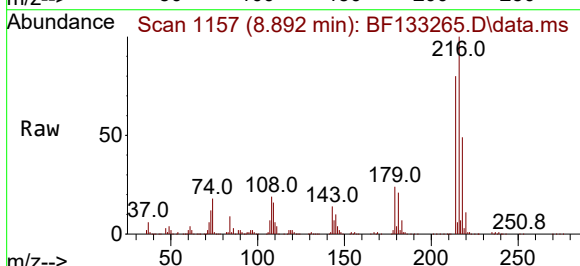
Ion Ratio Lower Upper

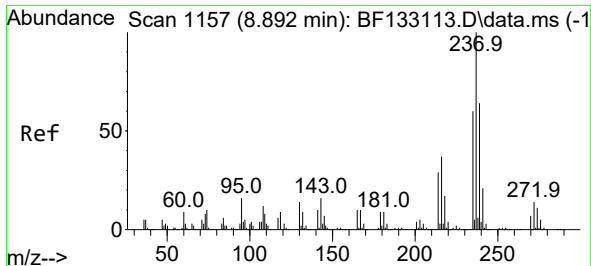
216 100

214 79.1 63.5 95.3

179 23.0 17.4 26.2

108 21.4 17.4 26.0

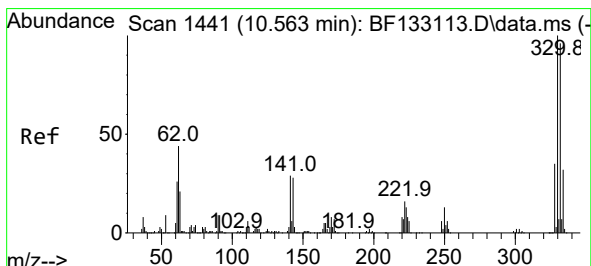
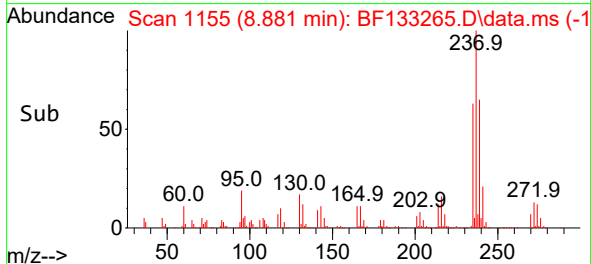
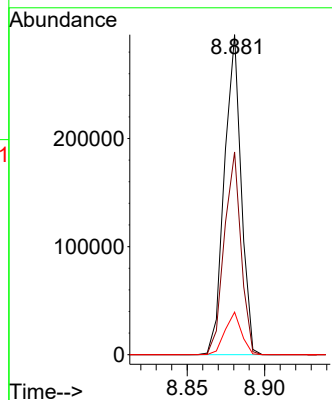
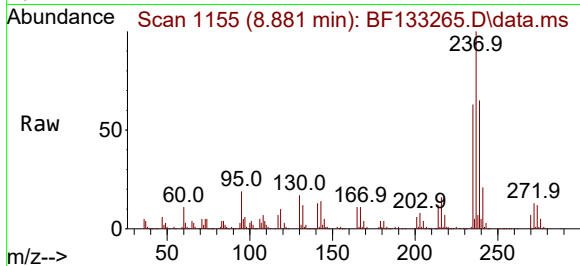




#41
Hexachlorocyclopentadiene
Concen: 34.814 ng
RT: 8.881 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF133265.D
Acq: 05 May 2023 15:36

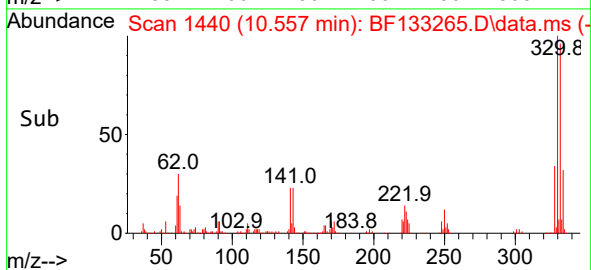
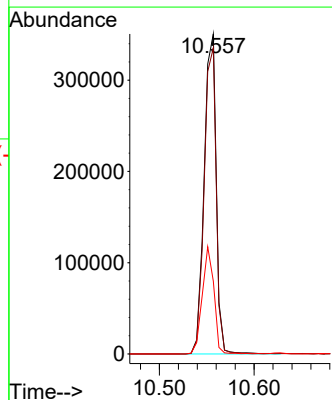
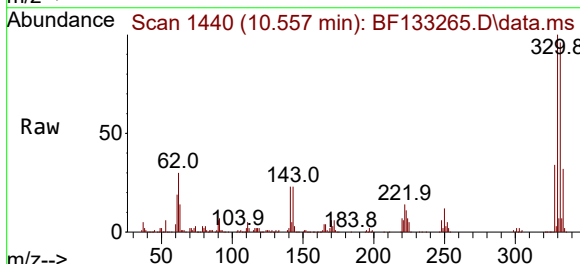
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

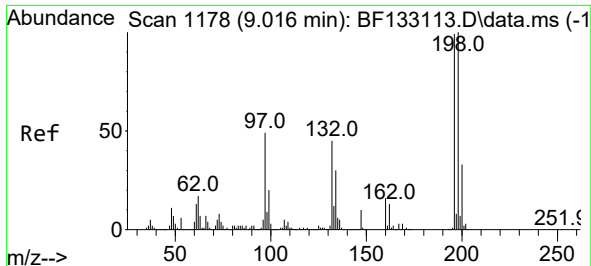
Tgt Ion: 237 Resp: 222535
Ion Ratio Lower Upper
237 100
235 63.3 43.5 83.5
272 13.3 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 75.518 ng
RT: 10.557 min Scan# 1440
Delta R.T. 0.000 min
Lab File: BF133265.D
Acq: 05 May 2023 15:36

Tgt Ion: 330 Resp: 309591
Ion Ratio Lower Upper
330 100
332 95.6 77.1 115.7
141 32.5 25.8 38.8

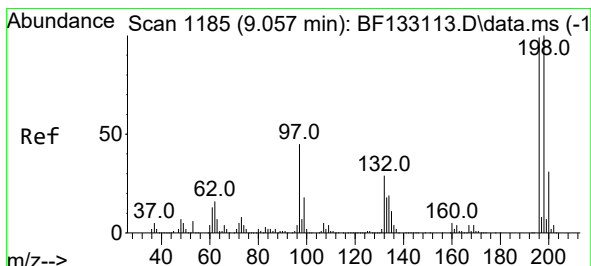
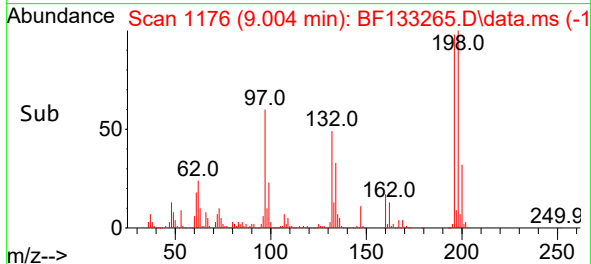
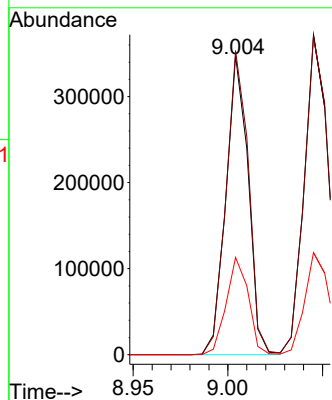
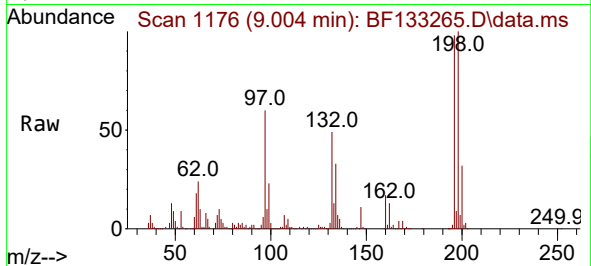




#43
2,4,6-Trichlorophenol
Concen: 37.550 ng
RT: 9.004 min Scan# 1176
Delta R.T. 0.000 min
Lab File: BF133265.D
Acq: 05 May 2023 15:36

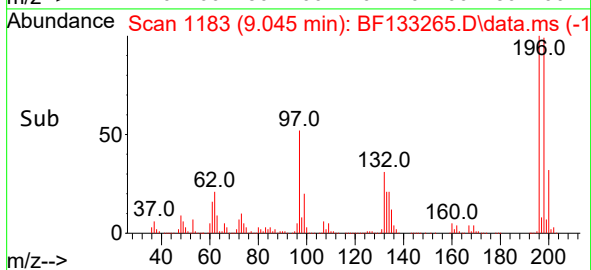
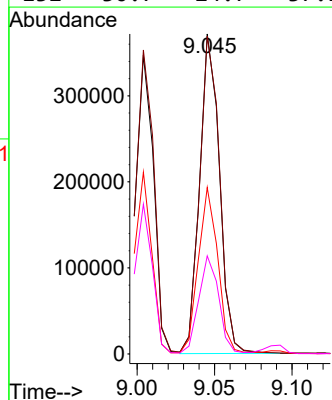
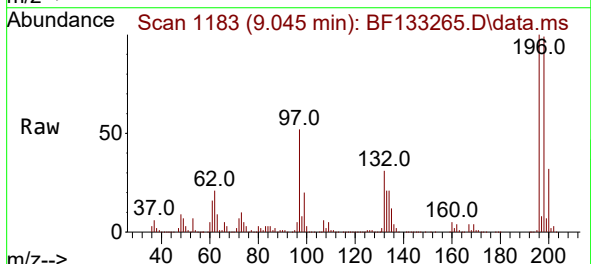
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

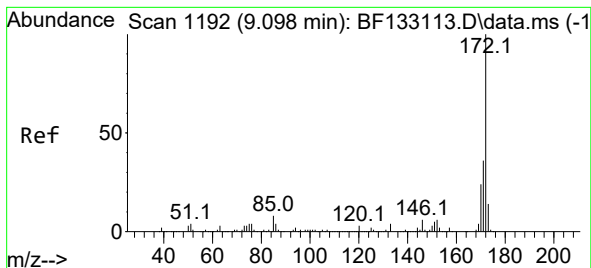
Tgt Ion:196 Resp: 284618
Ion Ratio Lower Upper
196 100
198 101.7 81.0 121.6
200 32.5 26.1 39.1



#44
2,4,5-Trichlorophenol
Concen: 37.801 ng
RT: 9.045 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF133265.D
Acq: 05 May 2023 15:36

Tgt Ion:196 Resp: 331373
Ion Ratio Lower Upper
196 100
198 99.4 80.9 121.3
97 52.0 41.3 61.9
132 30.7 24.7 37.1





#45

2-Fluorobiphenyl

Concen: 74.595 ng

RT: 9.092 min Scan# 1192

Delta R.T. 0.000 min

Lab File: BF133265.D

Acq: 05 May 2023 15:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

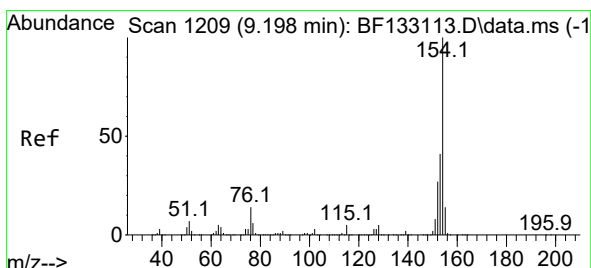
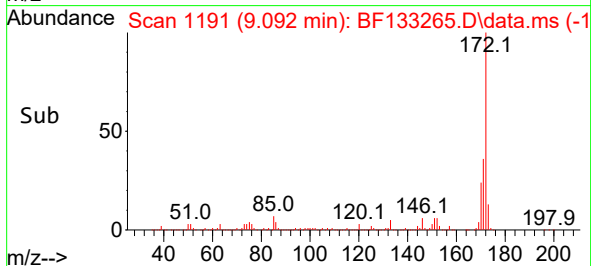
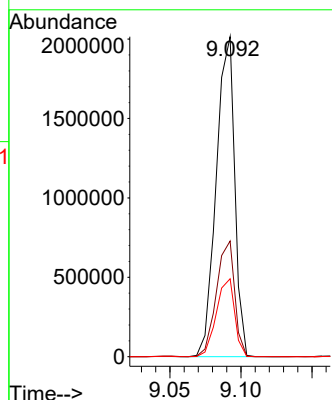
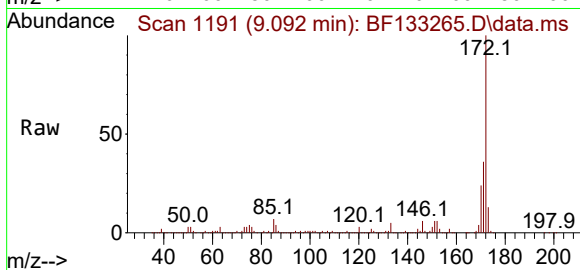
Tgt Ion:172 Resp: 1817571

Ion Ratio Lower Upper

172 100

171 36.2 28.8 43.2

170 24.4 19.4 29.2



#46

1,1'-Biphenyl

Concen: 37.237 ng

RT: 9.192 min Scan# 1208

Delta R.T. 0.000 min

Lab File: BF133265.D

Acq: 05 May 2023 15:36

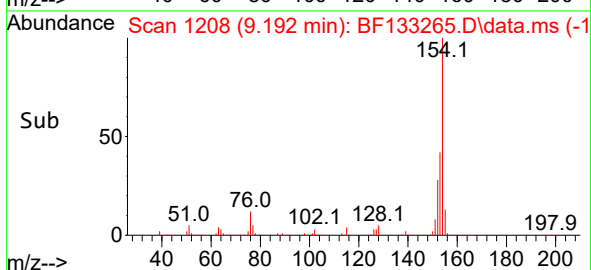
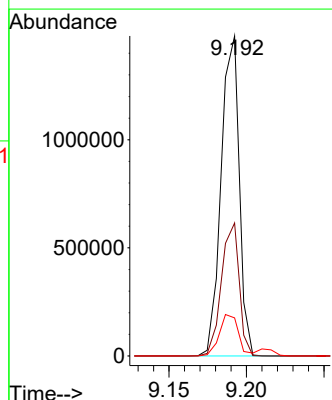
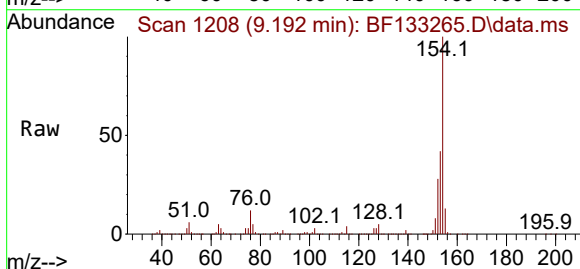
Tgt Ion:154 Resp: 1203652

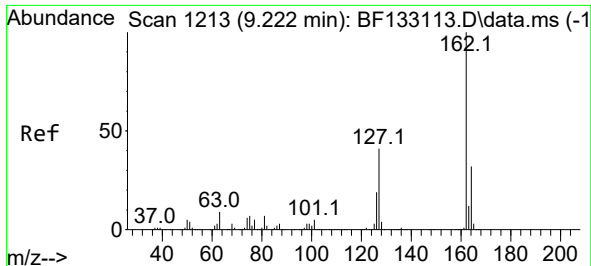
Ion Ratio Lower Upper

154 100

153 41.6 21.0 61.0

76 11.9 0.0 34.5

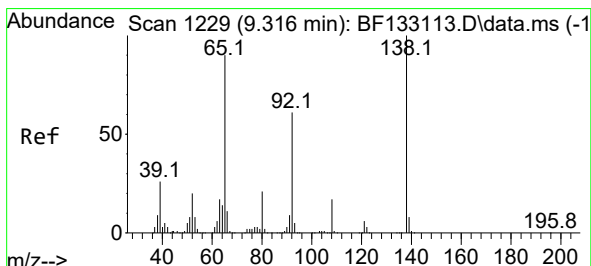
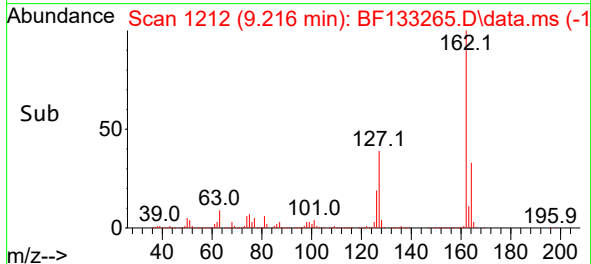
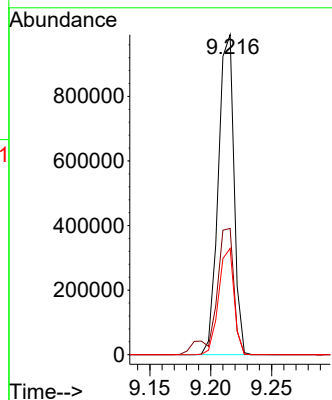
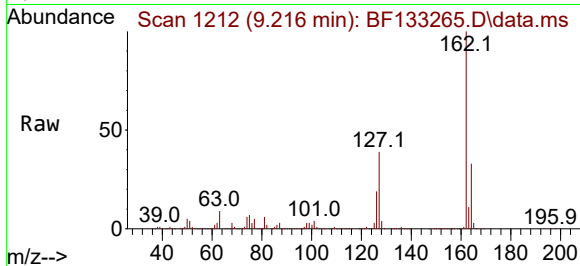




#47
2-Chloronaphthalene
Concen: 37.570 ng
RT: 9.216 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133265.D
Acq: 05 May 2023 15:36

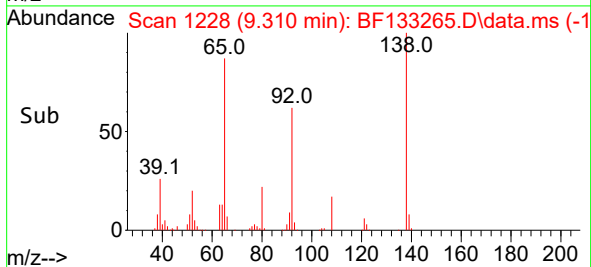
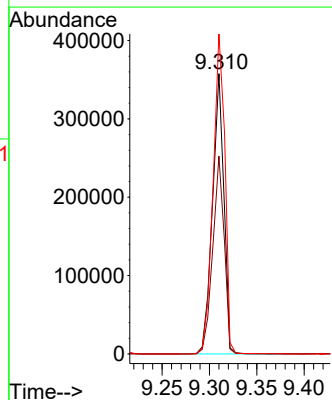
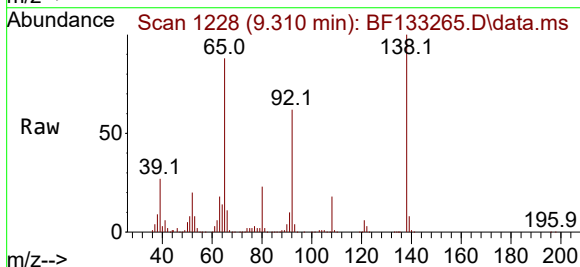
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

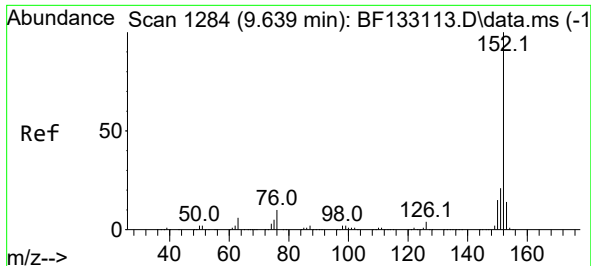
Tgt Ion:162 Resp: 888861
Ion Ratio Lower Upper
162 100
127 39.5 32.3 48.5
164 33.2 26.8 40.2



#48
2-Nitroaniline
Concen: 38.416 ng
RT: 9.310 min Scan# 1228
Delta R.T. 0.000 min
Lab File: BF133265.D
Acq: 05 May 2023 15:36

Tgt Ion: 65 Resp: 300386
Ion Ratio Lower Upper
65 100
92 70.5 55.4 83.0
138 114.2 98.2 147.2





#49

Acenaphthylene

Concen: 37.652 ng

RT: 9.628 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133265.D

Acq: 05 May 2023 15:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

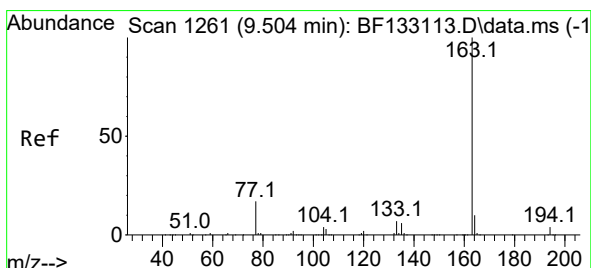
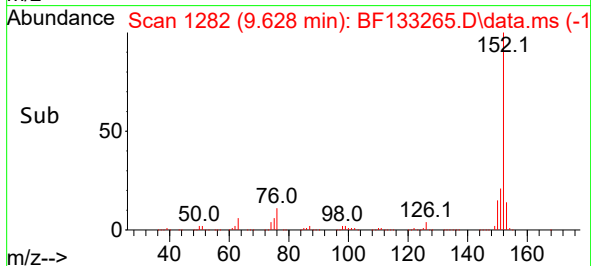
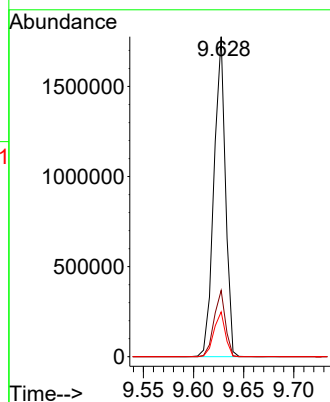
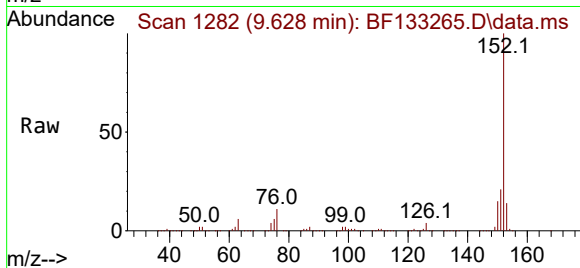
Tgt Ion:152 Resp: 1423365

Ion Ratio Lower Upper

152 100

151 20.7 16.6 24.8

153 14.0 11.5 17.3



#50

Dimethylphthalate

Concen: 38.329 ng

RT: 9.492 min Scan# 1259

Delta R.T. 0.000 min

Lab File: BF133265.D

Acq: 05 May 2023 15:36

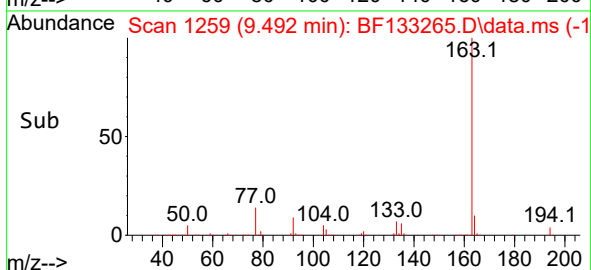
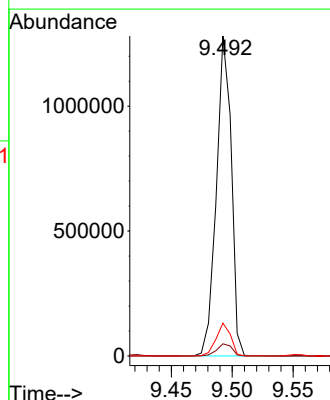
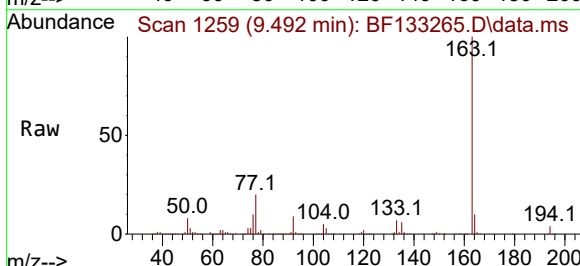
Tgt Ion:163 Resp: 1089465

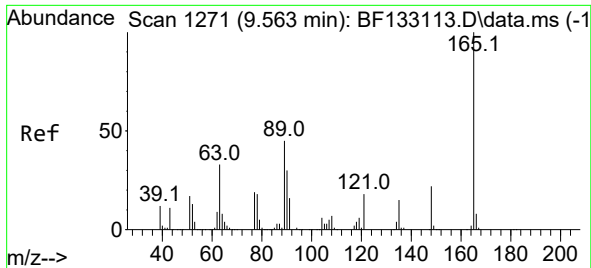
Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

164 10.2 8.5 12.7

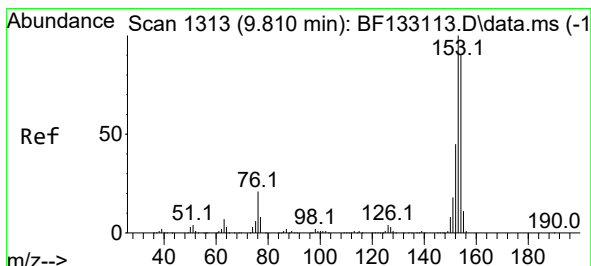
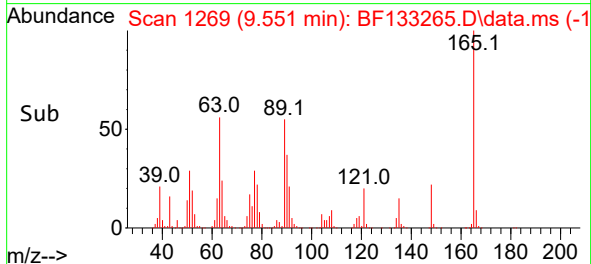
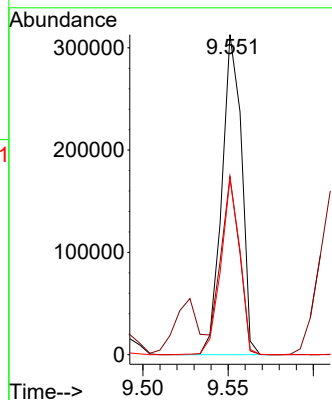
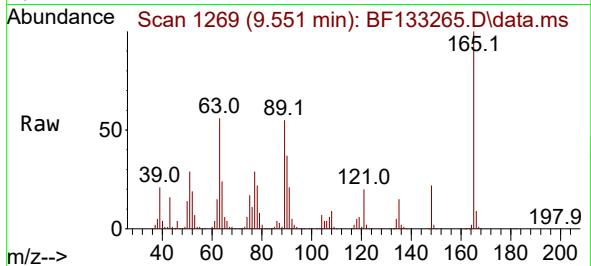




#51
2,6-Dinitrotoluene
Concen: 39.273 ng
RT: 9.551 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133265.D
Acq: 05 May 2023 15:36

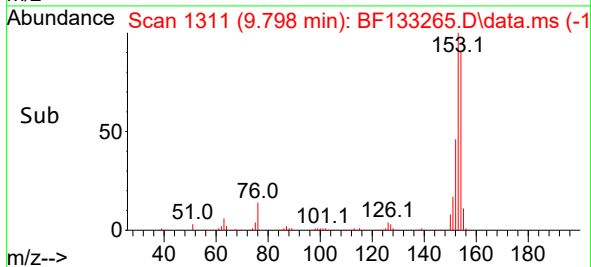
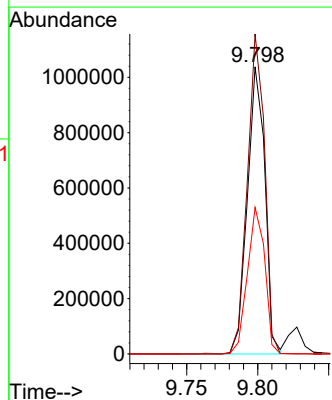
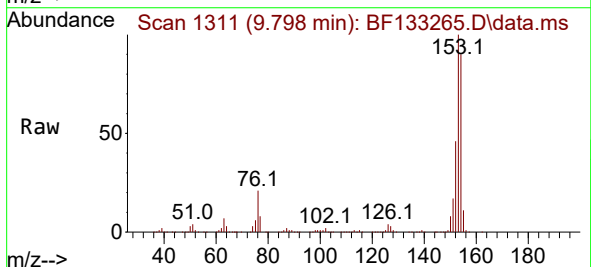
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

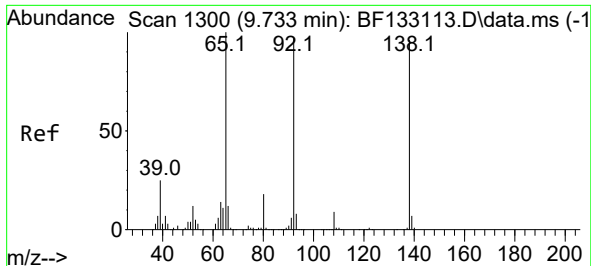
Tgt Ion:165 Resp: 251246
Ion Ratio Lower Upper
165 100
63 55.6 45.9 68.9
89 55.1 44.0 66.0



#52
Acenaphthene
Concen: 35.202 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.000 min
Lab File: BF133265.D
Acq: 05 May 2023 15:36

Tgt Ion:154 Resp: 891285
Ion Ratio Lower Upper
154 100
153 111.4 89.0 133.6
152 51.1 40.4 60.6

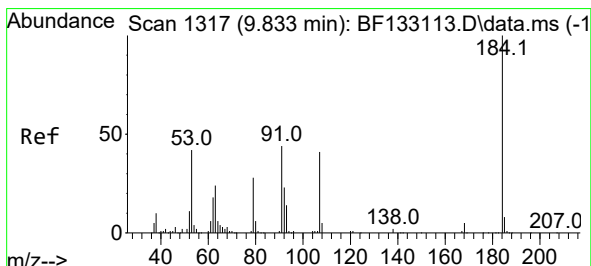
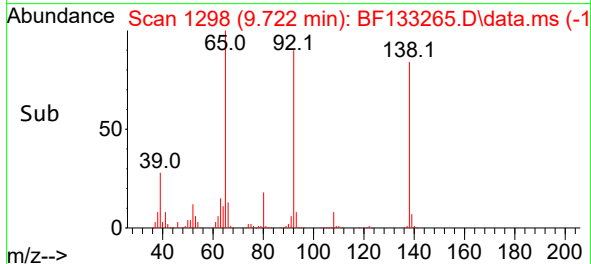
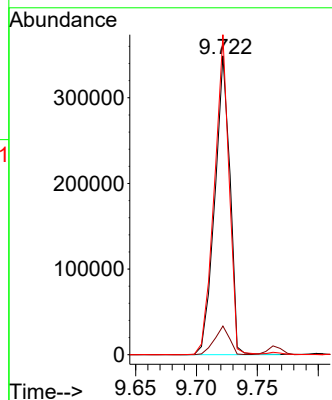
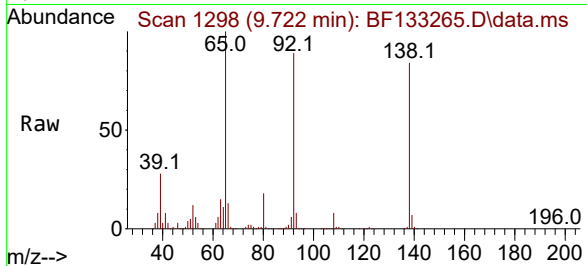




#53
3-Nitroaniline
Concen: 39.580 ng
RT: 9.722 min Scan# 1298
Delta R.T. 0.000 min
Lab File: BF133265.D
Acq: 05 May 2023 15:36

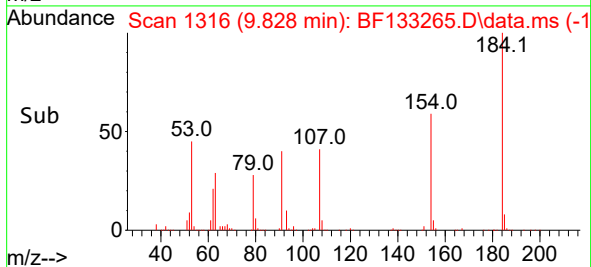
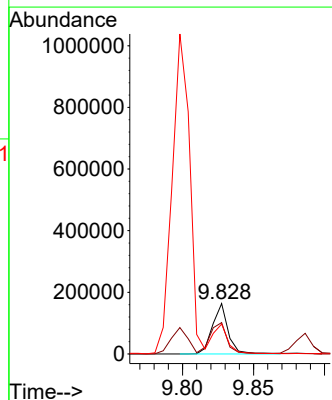
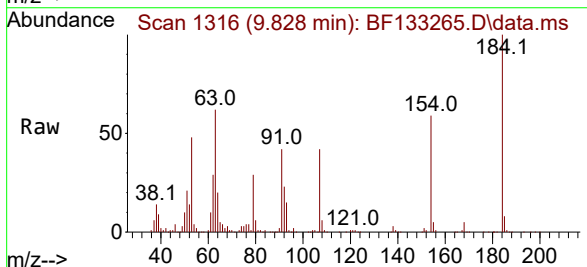
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

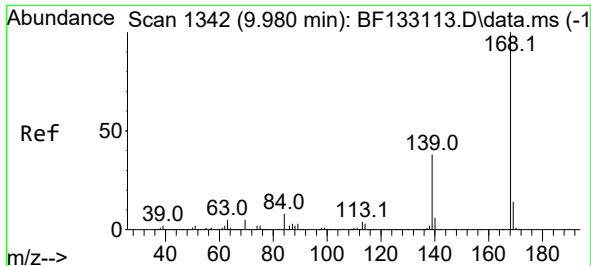
Tgt Ion:138 Resp: 301075
Ion Ratio Lower Upper
138 100
108 9.6 8.0 12.0
92 107.0 83.6 125.4



#54
2,4-Dinitrophenol
Concen: 39.101 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BF133265.D
Acq: 05 May 2023 15:36

Tgt Ion:184 Resp: 125735
Ion Ratio Lower Upper
184 100
63 62.2 49.8 74.8
154 59.3 49.5 74.3

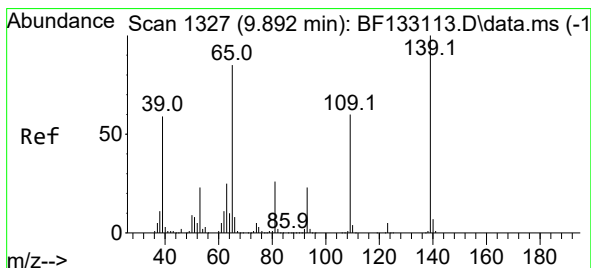
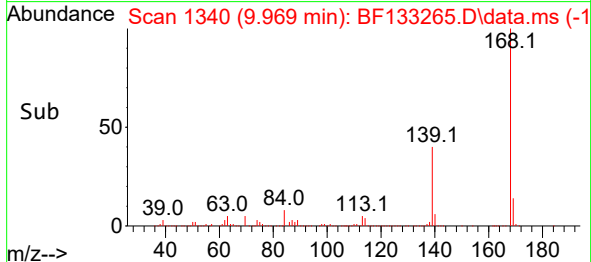
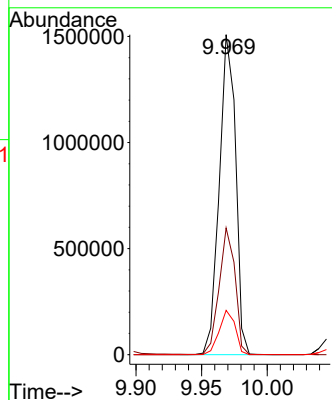
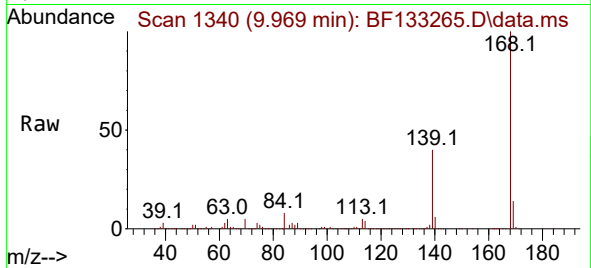




#55
Dibenzenofuran
Concen: 37.673 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.000 min
Lab File: BF133265.D
Acq: 05 May 2023 15:36

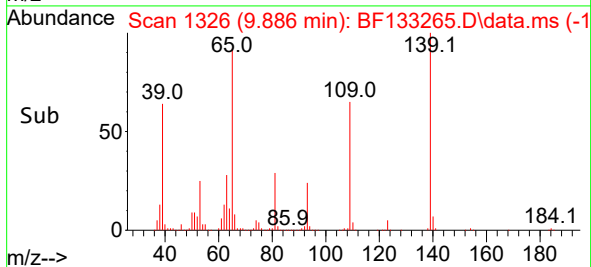
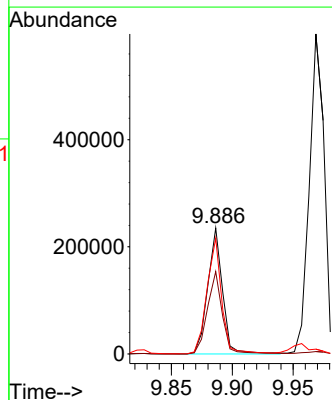
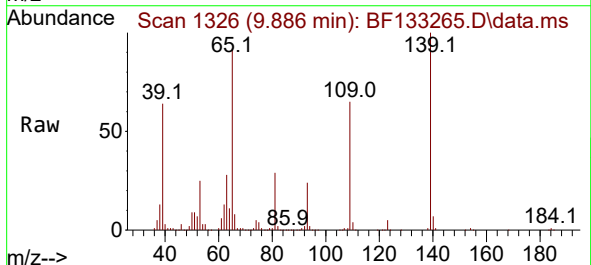
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

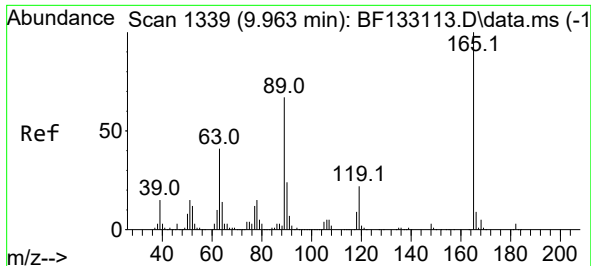
Tgt Ion:168 Resp: 1301118
Ion Ratio Lower Upper
168 100
139 39.6 29.8 44.8
169 13.8 10.8 16.2



#56
4-Nitrophenol
Concen: 33.799 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.000 min
Lab File: BF133265.D
Acq: 05 May 2023 15:36

Tgt Ion:139 Resp: 199130
Ion Ratio Lower Upper
139 100
109 65.4 39.4 79.4
65 91.9 57.5 97.5





#57

2,4-Dinitrotoluene

Concen: 39.921 ng

RT: 9.957 min Scan# 1338

Delta R.T. 0.000 min

Lab File: BF133265.D

Acq: 05 May 2023 15:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:165 Resp: 325699

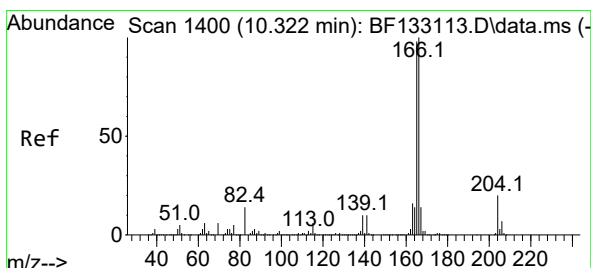
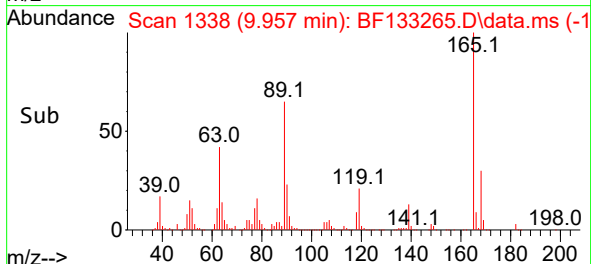
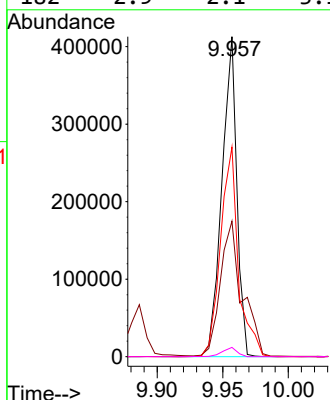
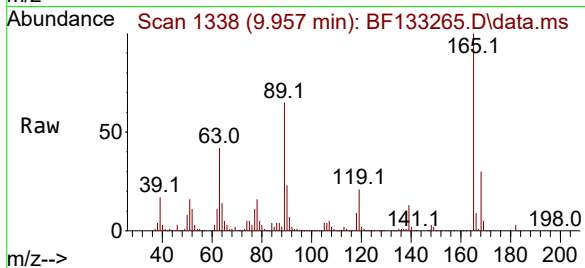
Ion Ratio Lower Upper

165 100

63 42.4 37.7 56.5

89 65.5 57.0 85.4

182 2.9 2.1 3.1



#58

Fluorene

Concen: 37.499 ng

RT: 10.316 min Scan# 1399

Delta R.T. 0.000 min

Lab File: BF133265.D

Acq: 05 May 2023 15:36

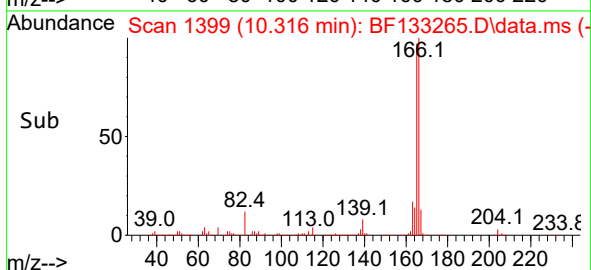
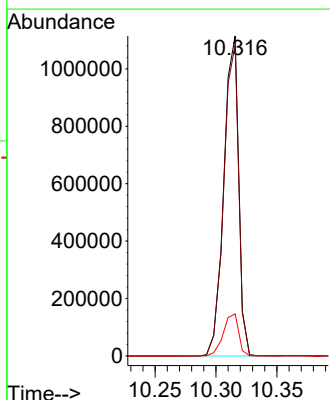
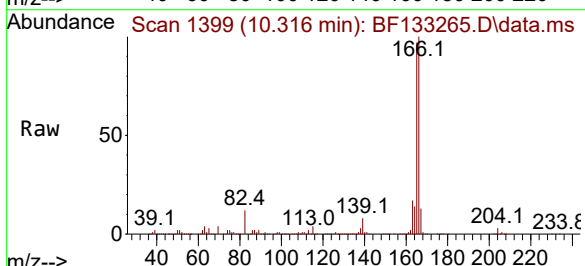
Tgt Ion:166 Resp: 948847

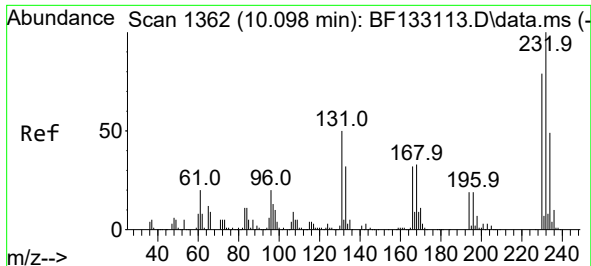
Ion Ratio Lower Upper

166 100

165 97.2 78.6 117.8

167 13.2 11.0 16.4

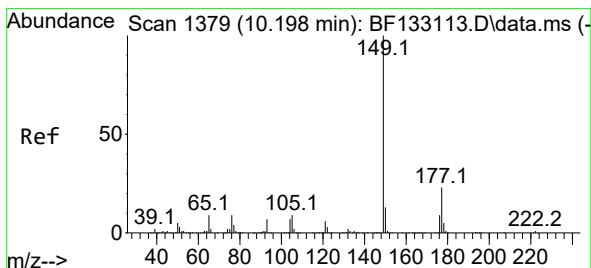
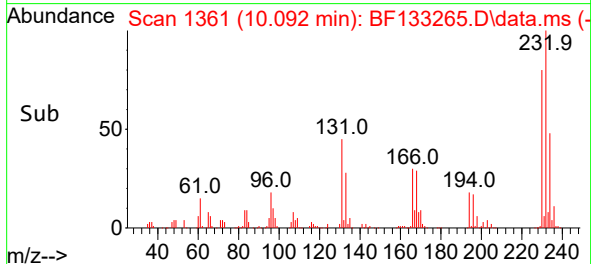
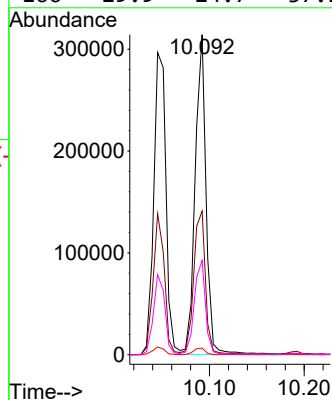
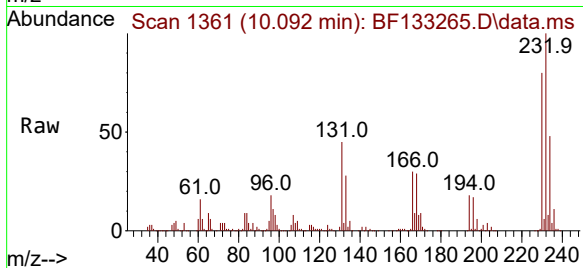




#59
2,3,4,6-Tetrachlorophenol
Concen: 37.045 ng
RT: 10.092 min Scan# 1361
Delta R.T. 0.000 min
Lab File: BF133265.D
Acq: 05 May 2023 15:36

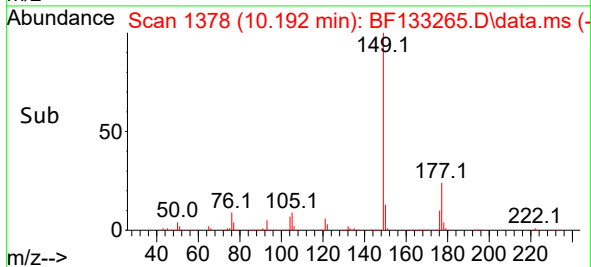
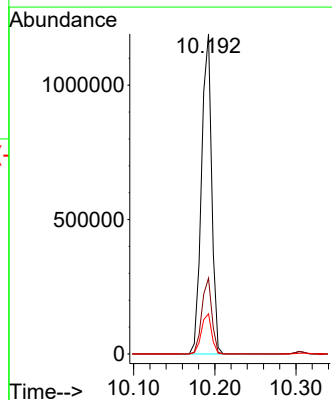
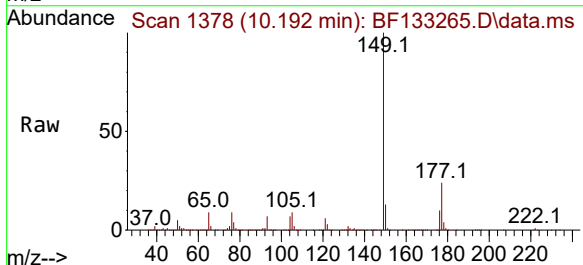
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

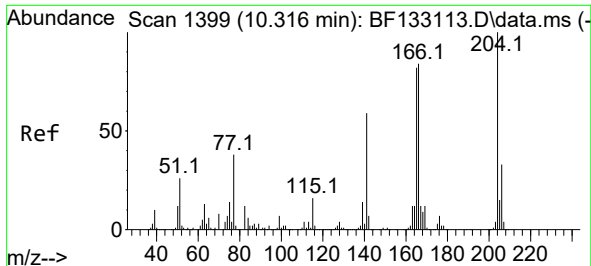
Tgt Ion:232 Resp: 251760
Ion Ratio Lower Upper
232 100
131 48.0 38.0 57.0
130 2.2 1.8 2.8
166 29.9 24.7 37.1



#60
Diethylphthalate
Concen: 38.729 ng
RT: 10.192 min Scan# 1378
Delta R.T. 0.000 min
Lab File: BF133265.D
Acq: 05 May 2023 15:36

Tgt Ion:149 Resp: 1039789
Ion Ratio Lower Upper
149 100
177 23.7 18.2 27.4
150 12.5 10.2 15.4

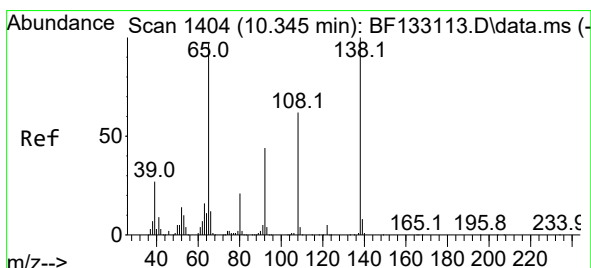
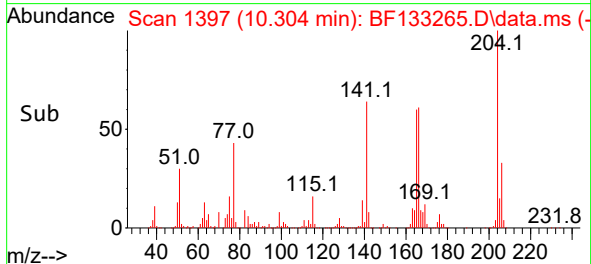
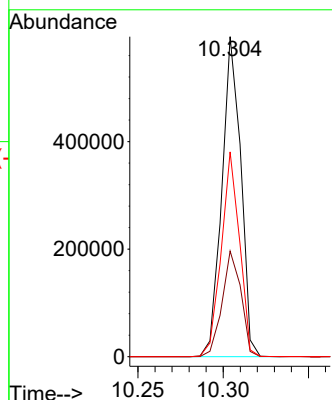
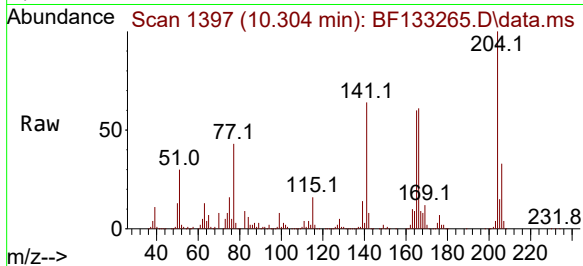




#61
4-Chlorophenyl-phenylether
Concen: 37.235 ng
RT: 10.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133265.D
Acq: 05 May 2023 15:36

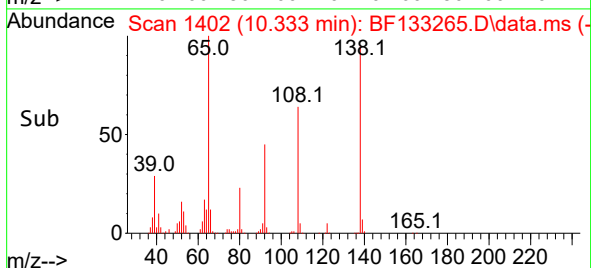
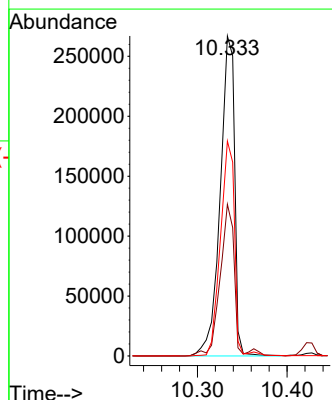
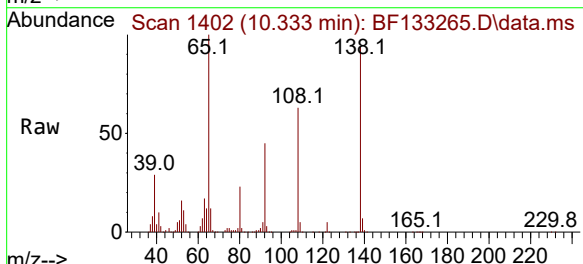
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

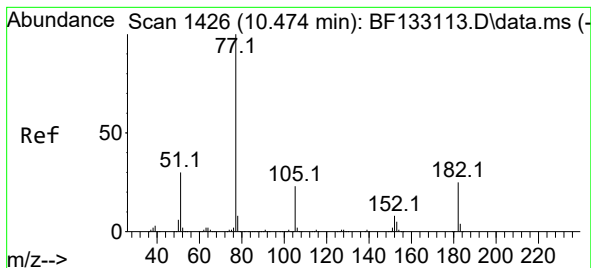
Tgt Ion:204 Resp: 459137
Ion Ratio Lower Upper
204 100
206 33.0 26.1 39.1
141 64.0 46.1 69.1



#62
4-Nitroaniline
Concen: 42.587 ng
RT: 10.333 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BF133265.D
Acq: 05 May 2023 15:36

Tgt Ion:138 Resp: 297741
Ion Ratio Lower Upper
138 100
92 47.4 27.7 67.7
108 67.1 45.2 85.2





#63

Azobenzene

Concen: 37.015 ng

RT: 10.469 min Scan# 1426

Delta R.T. 0.000 min

Lab File: BF133265.D

Acq: 05 May 2023 15:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 1052740

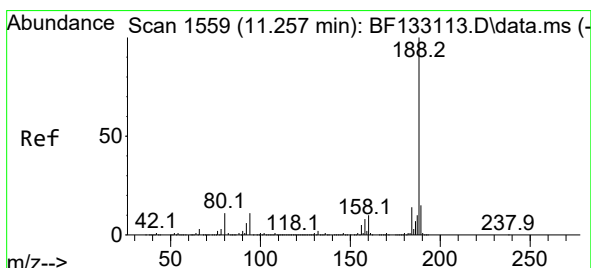
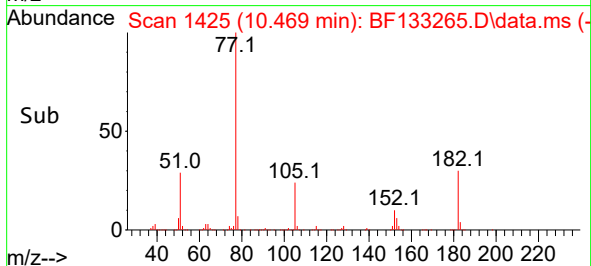
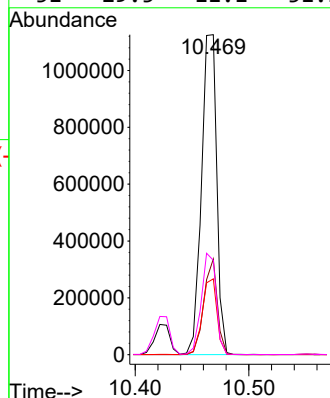
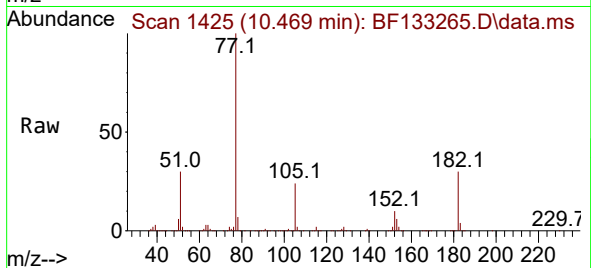
Ion Ratio Lower Upper

77 100

182 29.9 5.9 45.9

105 23.7 2.3 42.3

51 29.5 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: BF133265.D

Acq: 05 May 2023 15:36

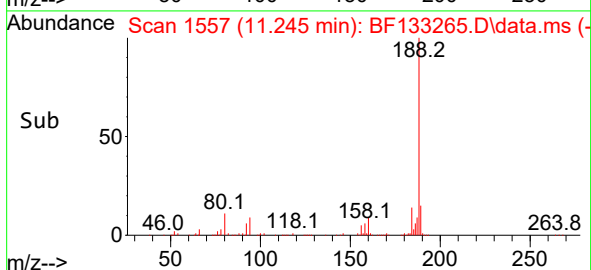
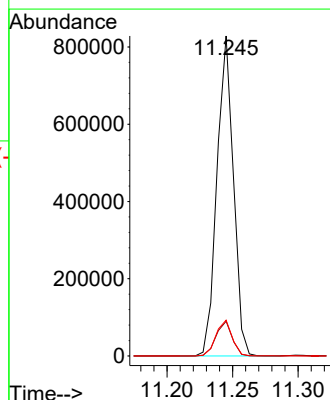
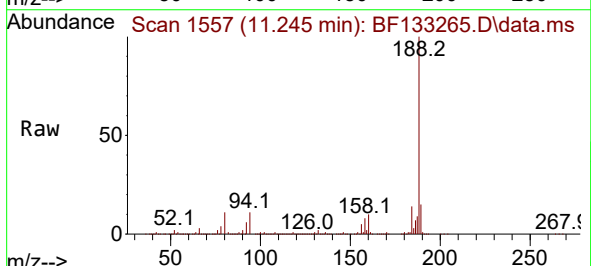
Tgt Ion:188 Resp: 722922

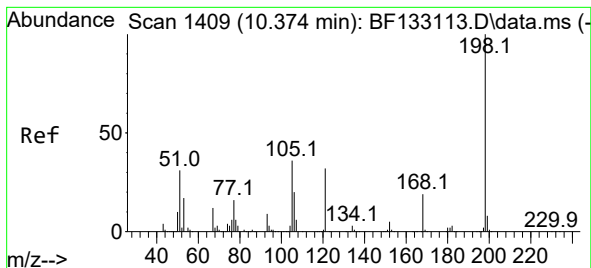
Ion Ratio Lower Upper

188 100

94 10.8 9.7 14.5

80 11.2 10.4 15.6

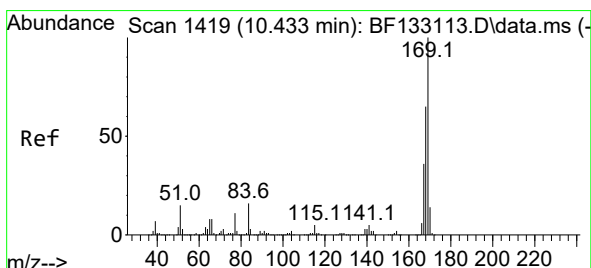
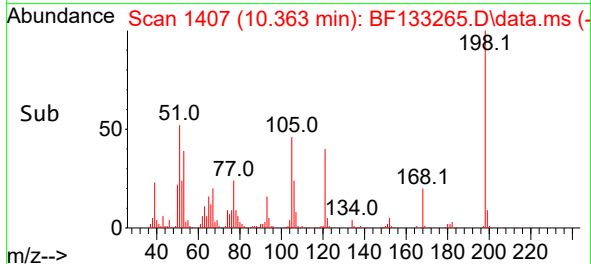
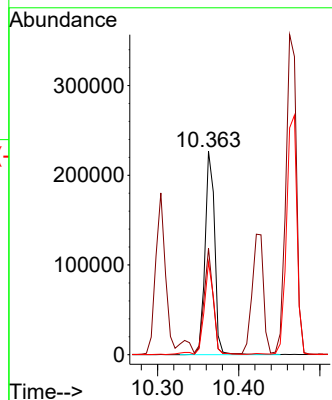
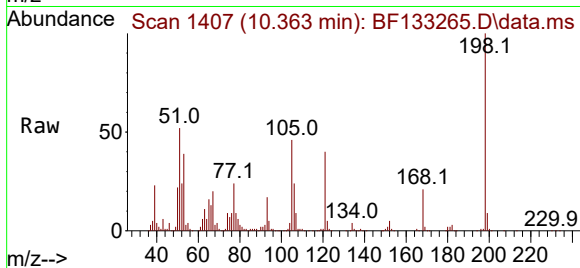




#65
4,6-Dinitro-2-methylphenol
Concen: 42.267 ng
RT: 10.363 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF133265.D
Acq: 05 May 2023 15:36

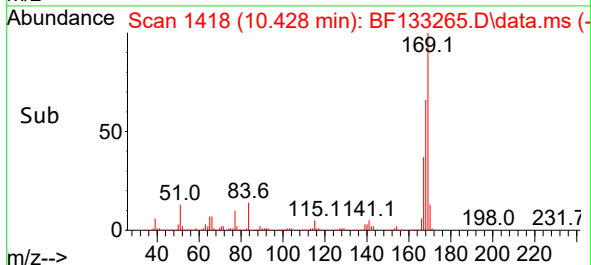
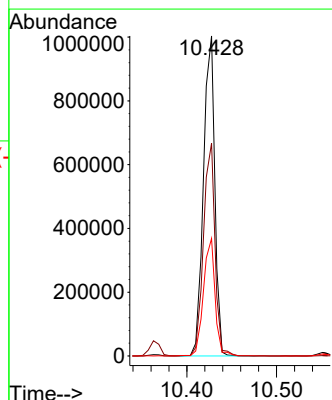
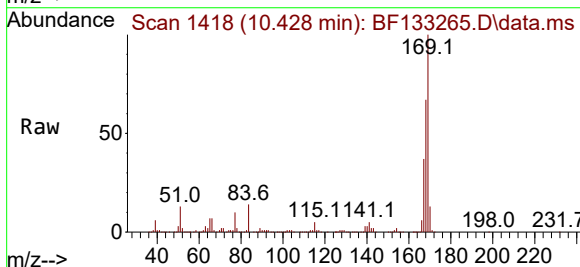
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

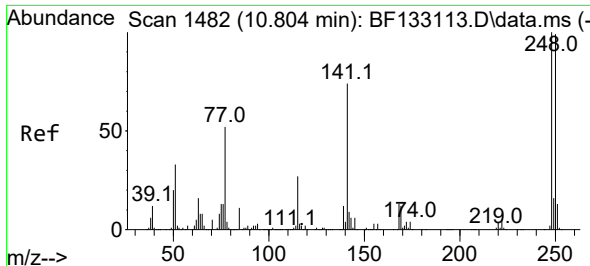
Tgt Ion:198 Resp: 185207
Ion Ratio Lower Upper
198 100
51 52.3 15.5 55.5
105 45.6 16.7 56.7



#66
n-Nitrosodiphenylamine
Concen: 37.521 ng
RT: 10.428 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF133265.D
Acq: 05 May 2023 15:36

Tgt Ion:169 Resp: 879855
Ion Ratio Lower Upper
169 100
168 66.5 53.8 80.8
167 36.7 29.7 44.5

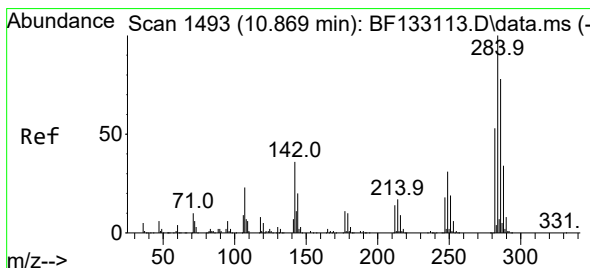
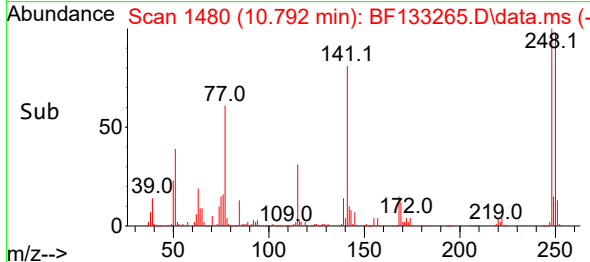
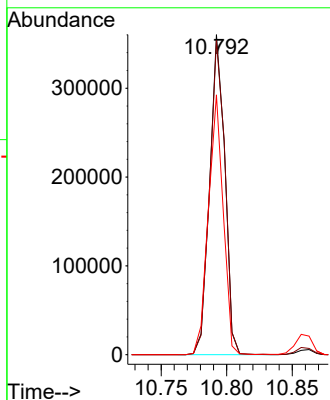
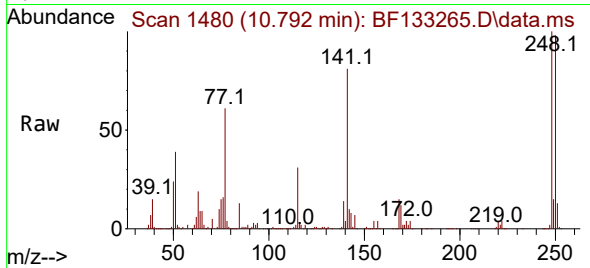




#67
4-Bromophenyl-phenylether
Concen: 36.952 ng
RT: 10.792 min Scan# 1480
Delta R.T. 0.000 min
Lab File: BF133265.D
Acq: 05 May 2023 15:36

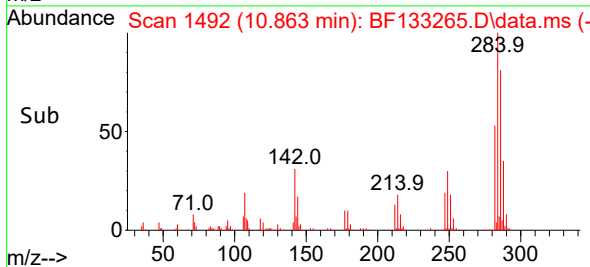
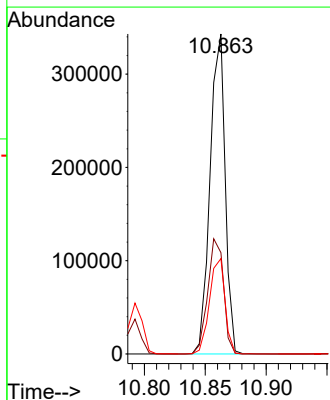
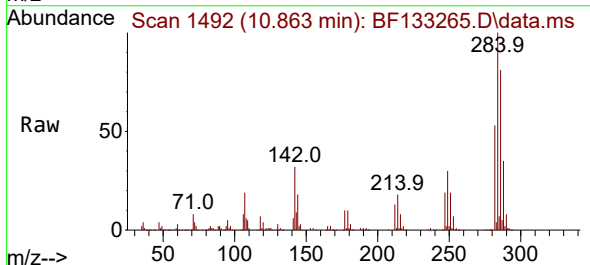
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

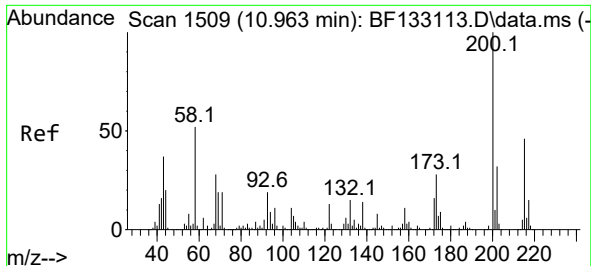
Tgt Ion:248 Resp: 289722
Ion Ratio Lower Upper
248 100
250 98.2 78.7 118.1
141 81.2 56.3 84.5



#68
Hexachlorobenzene
Concen: 36.703 ng
RT: 10.863 min Scan# 1492
Delta R.T. 0.000 min
Lab File: BF133265.D
Acq: 05 May 2023 15:36

Tgt Ion:284 Resp: 294873
Ion Ratio Lower Upper
284 100
142 31.7 26.0 39.0
249 29.8 23.7 35.5

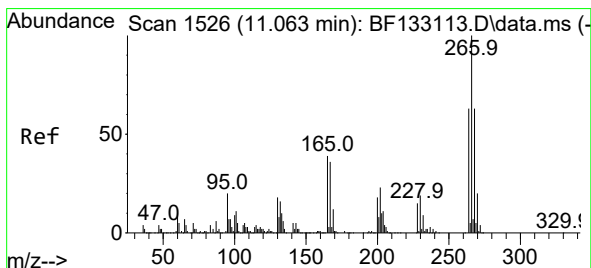
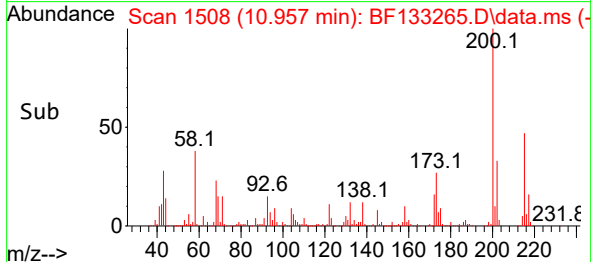
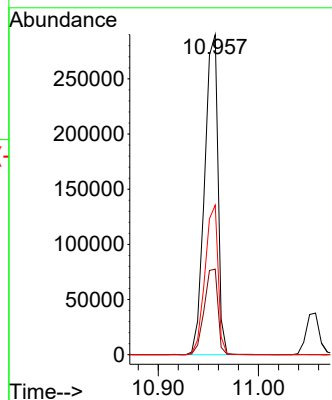
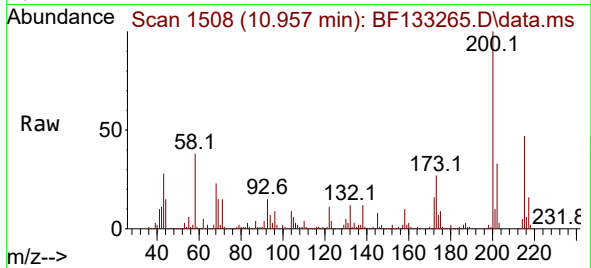




#69
 Atrazine
 Concen: 39.888 ng
 RT: 10.957 min Scan# 1508
 Delta R.T. 0.000 min
 Lab File: BF133265.D
 Acq: 05 May 2023 15:36

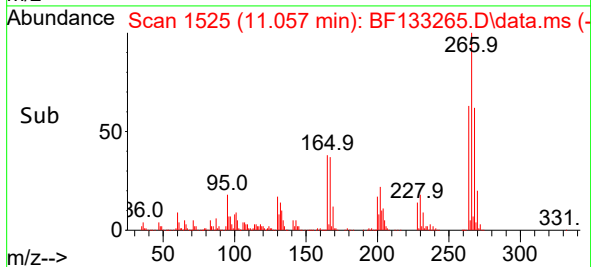
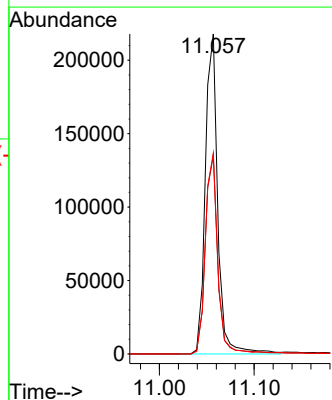
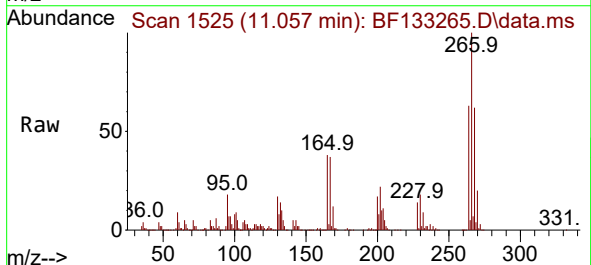
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

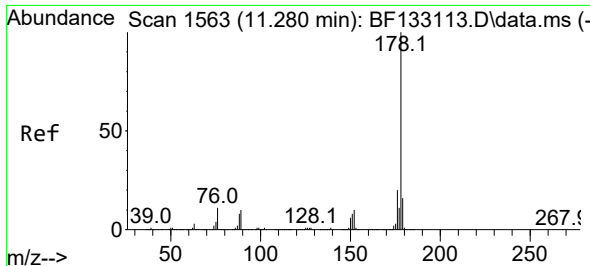
Tgt Ion:200 Resp: 269522
 Ion Ratio Lower Upper
 200 100
 173 26.7 6.2 46.2
 215 46.8 26.3 66.3



#70
 Pentachlorophenol
 Concen: 34.798 ng
 RT: 11.057 min Scan# 1525
 Delta R.T. 0.000 min
 Lab File: BF133265.D
 Acq: 05 May 2023 15:36

Tgt Ion:266 Resp: 199109
 Ion Ratio Lower Upper
 266 100
 268 62.0 48.8 73.2
 264 62.8 50.6 76.0

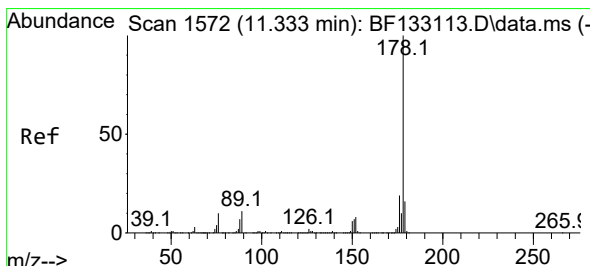
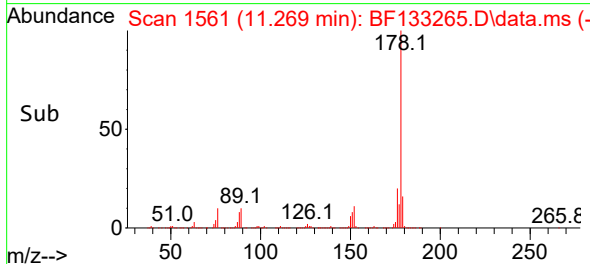
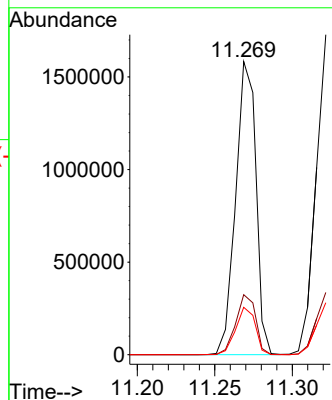
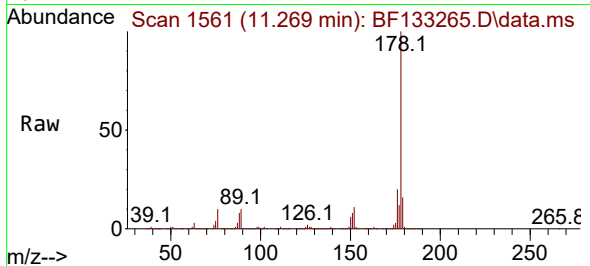




#71
Phenanthrene
Concen: 37.082 ng
RT: 11.269 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133265.D
Acq: 05 May 2023 15:36

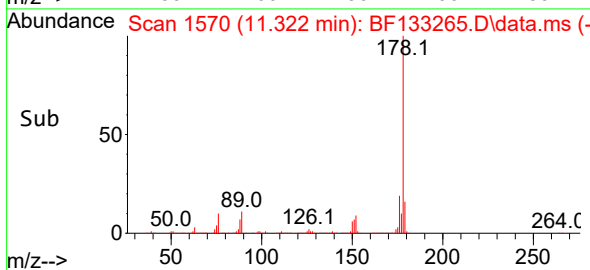
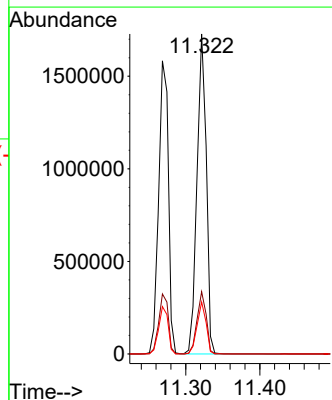
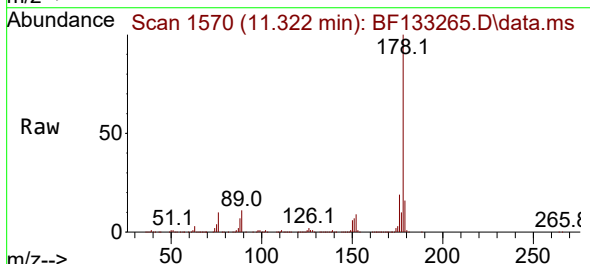
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

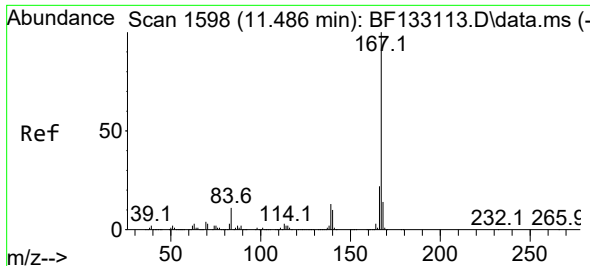
Tgt Ion:178 Resp: 1440829
Ion Ratio Lower Upper
178 100
176 20.5 15.9 23.9
179 16.1 12.5 18.7



#72
Anthracene
Concen: 37.750 ng
RT: 11.322 min Scan# 1570
Delta R.T. 0.000 min
Lab File: BF133265.D
Acq: 05 May 2023 15:36

Tgt Ion:178 Resp: 1501078
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.0
179 16.2 12.4 18.6

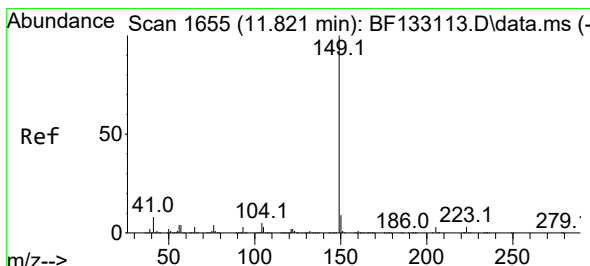
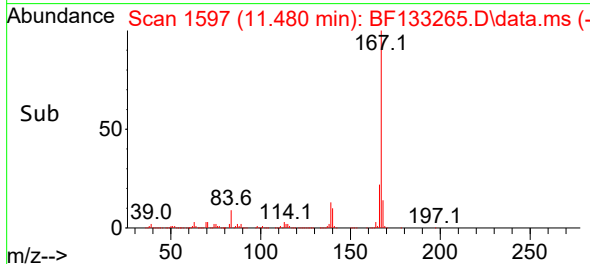
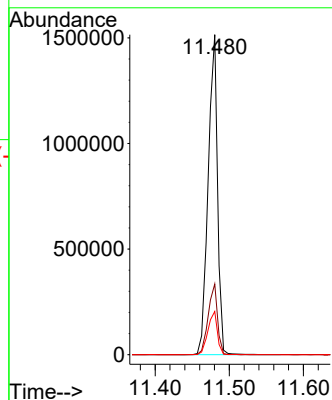
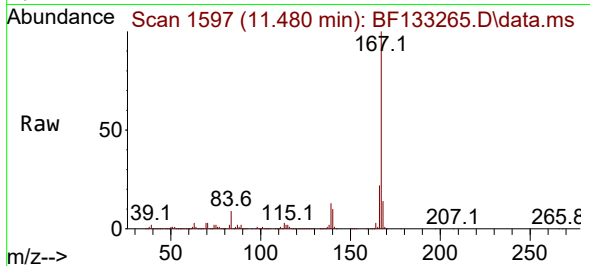




#73
 Carbazole
 Concen: 37.680 ng
 RT: 11.480 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF133265.D
 Acq: 05 May 2023 15:36

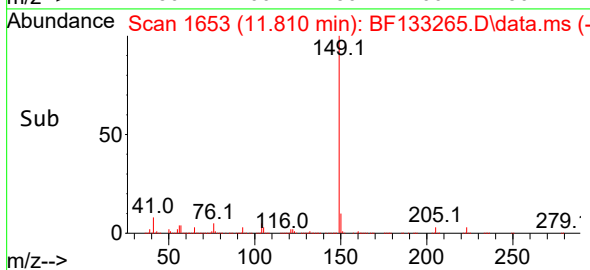
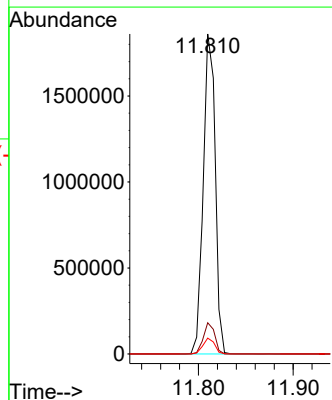
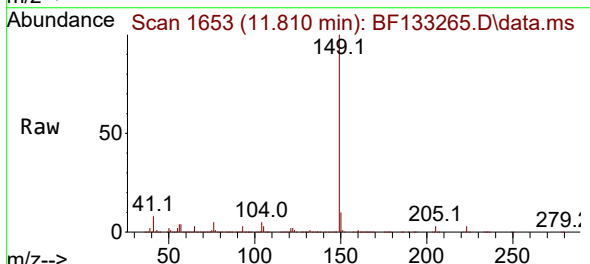
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

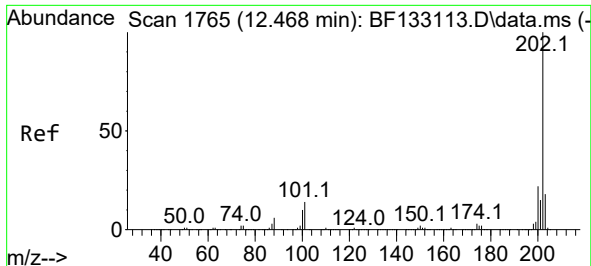
Tgt Ion:167 Resp: 1334123
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.4 26.0
 139 13.5 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 40.656 ng
 RT: 11.810 min Scan# 1653
 Delta R.T. 0.000 min
 Lab File: BF133265.D
 Acq: 05 May 2023 15:36

Tgt Ion:149 Resp: 1629005
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.6 11.4
 104 5.0 4.0 6.0

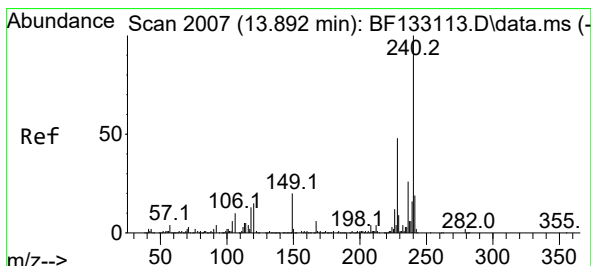
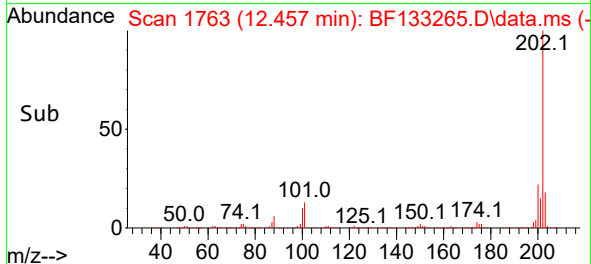
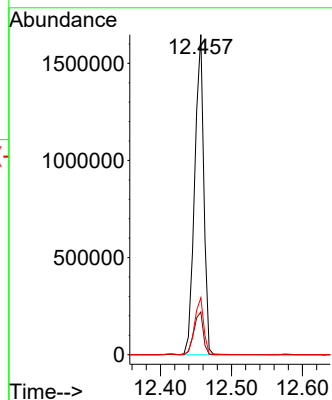
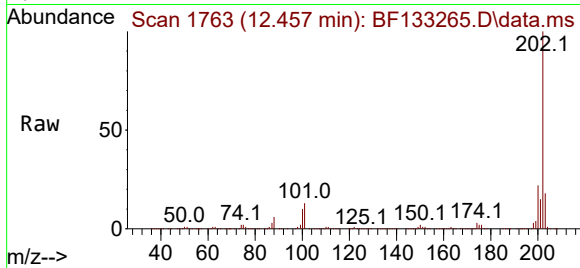




#75
Fluoranthene
Concen: 37.678 ng
RT: 12.457 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF133265.D
Acq: 05 May 2023 15:36

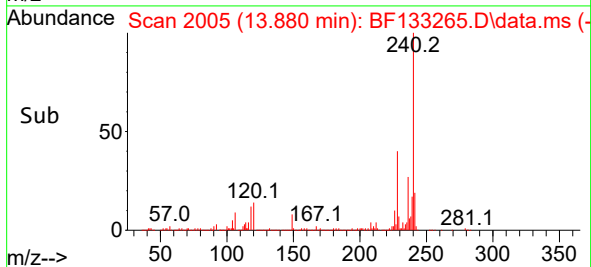
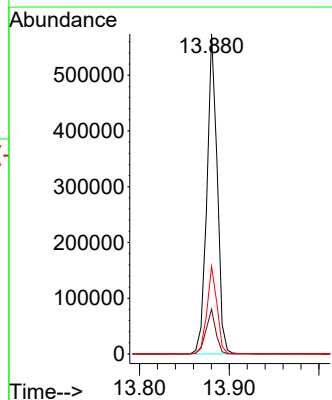
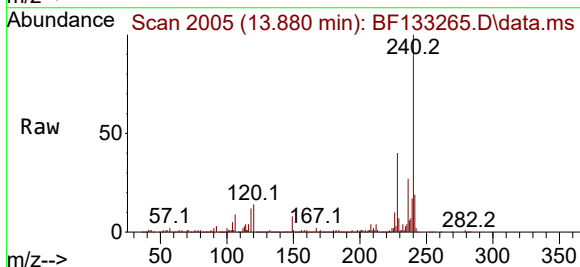
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

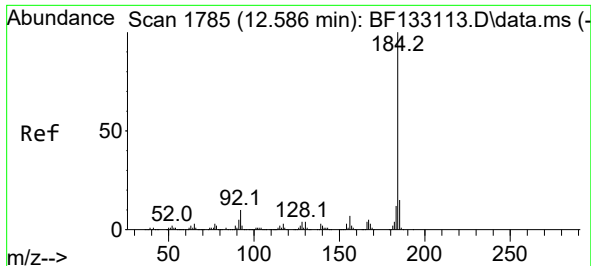
Tgt Ion:202 Resp: 1469252
Ion Ratio Lower Upper
202 100
101 13.3 0.0 35.3
203 17.8 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.880 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BF133265.D
Acq: 05 May 2023 15:36

Tgt Ion:240 Resp: 457662
Ion Ratio Lower Upper
240 100
120 14.0 10.5 15.7
236 27.4 21.5 32.3

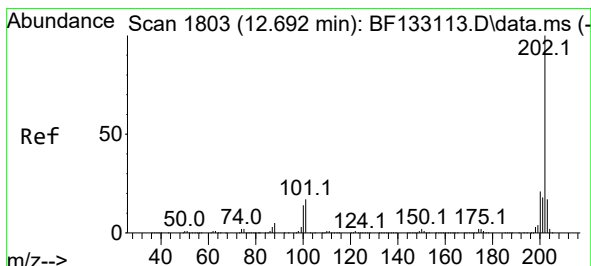
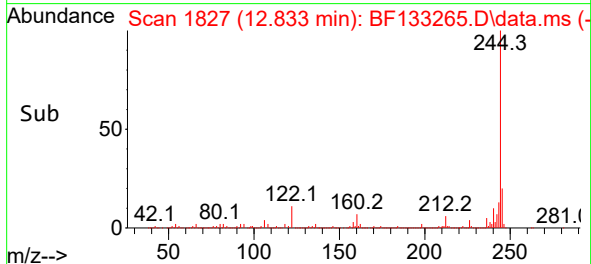
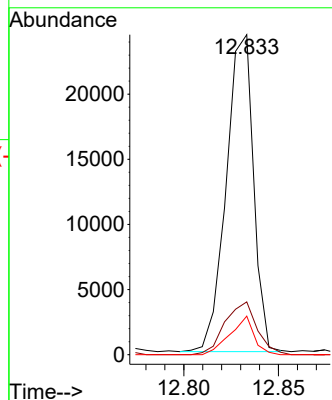
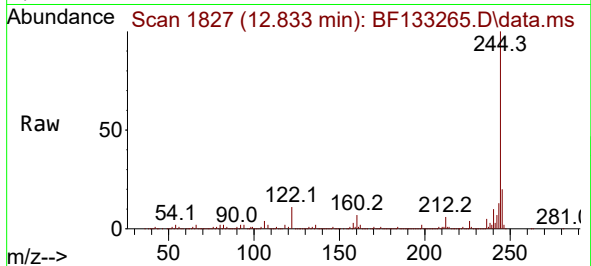




#77
Benzidine
Concen: 3.144 ng
RT: 12.833 min Scan# 11
Delta R.T. 0.259 min
Lab File: BF133265.D
Acq: 05 May 2023 15:36

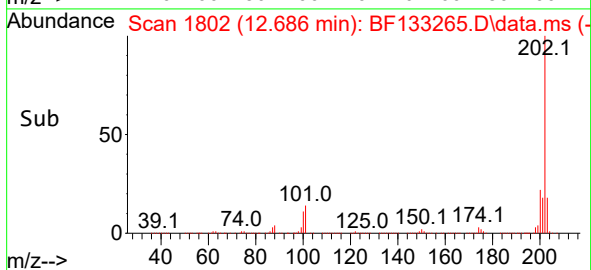
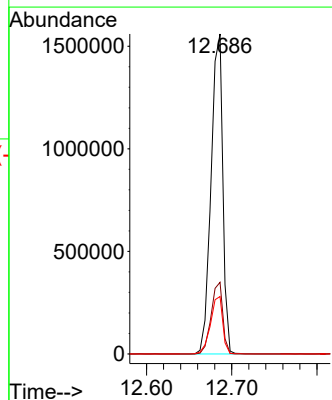
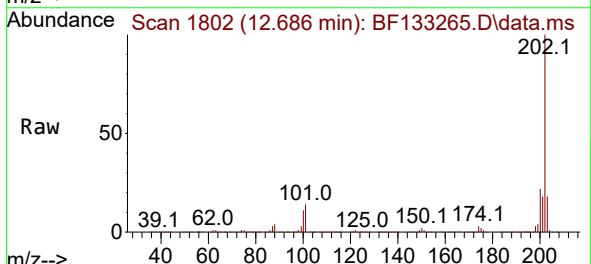
Instrument :
BNA_F
ClientSampleId :
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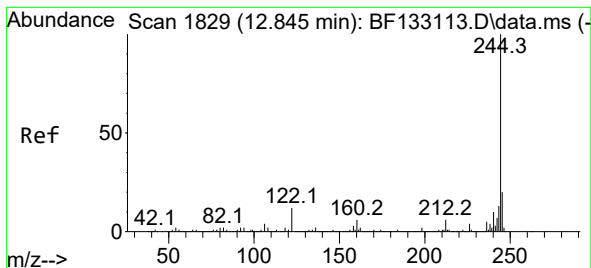
Tgt Ion:184 Resp: 24332
Ion Ratio Lower Upper
184 100
185 16.5 15.4 23.2
183 12.0 9.4 14.0



#78
Pyrene
Concen: 38.029 ng
RT: 12.686 min Scan# 1802
Delta R.T. 0.000 min
Lab File: BF133265.D
Acq: 05 May 2023 15:36

Tgt Ion:202 Resp: 1491977
Ion Ratio Lower Upper
202 100
200 22.4 17.1 25.7
203 18.0 14.1 21.1





#79

Terphenyl-d14

Concen: 72.467 ng

RT: 12.833 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133265.D

Acq: 05 May 2023 15:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

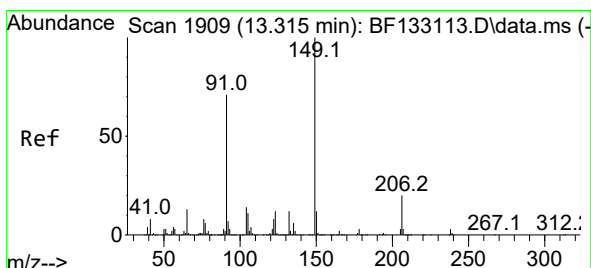
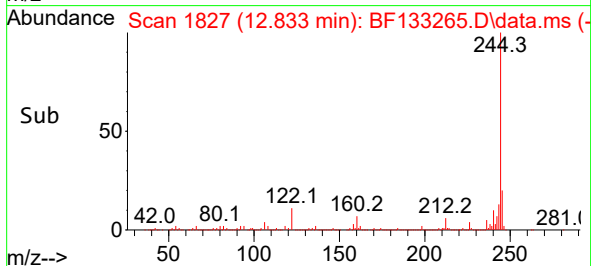
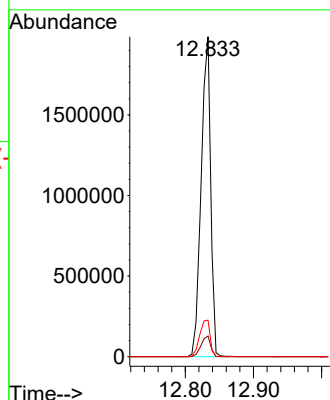
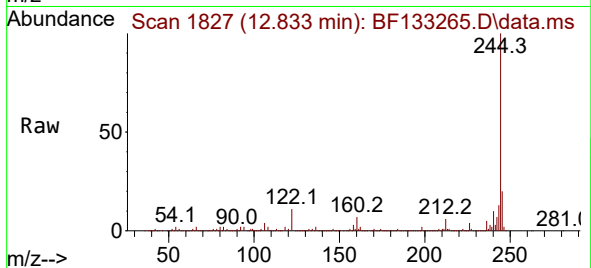
Tgt Ion:244 Resp: 1922995

Ion Ratio Lower Upper

244 100

212 6.4 5.1 7.7

122 11.4 8.6 13.0



#80

Butylbenzylphthalate

Concen: 46.289 ng

RT: 13.304 min Scan# 1907

Delta R.T. 0.000 min

Lab File: BF133265.D

Acq: 05 May 2023 15:36

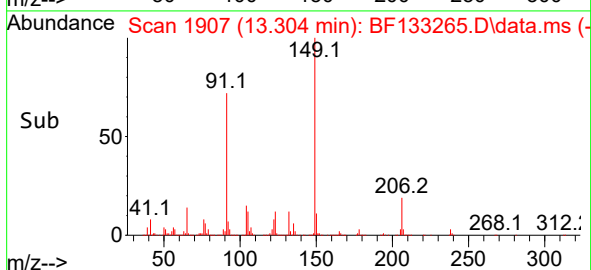
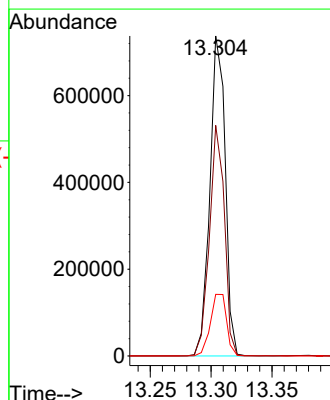
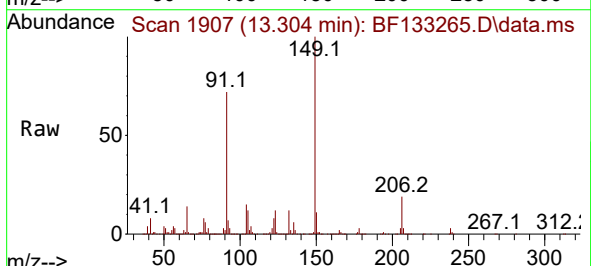
Tgt Ion:149 Resp: 643011

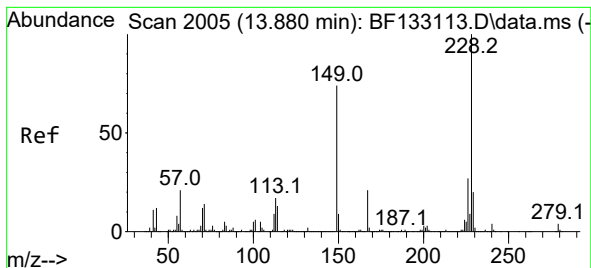
Ion Ratio Lower Upper

149 100

91 72.1 53.8 80.6

206 19.3 17.5 26.3





#81

Benzo(a)anthracene

Concen: 35.847 ng

RT: 13.868 min Scan# 2005

Delta R.T. 0.000 min

Lab File: BF133265.D

Acq: 05 May 2023 15:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

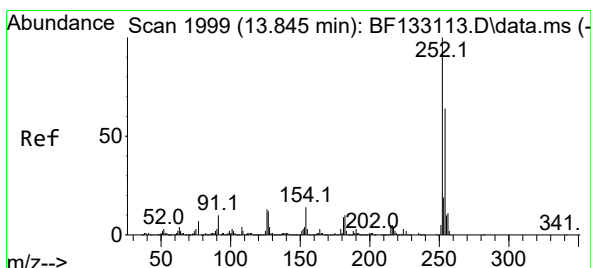
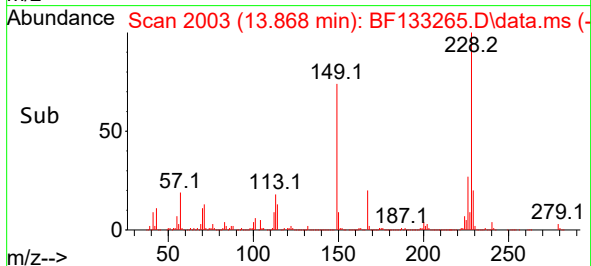
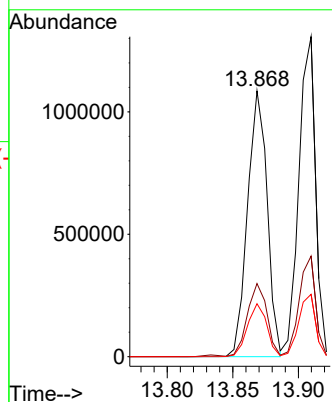
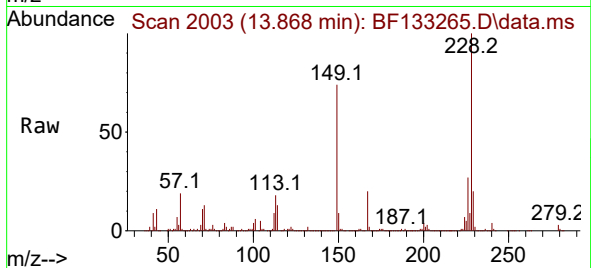
Tgt Ion:228 Resp: 1128181

Ion Ratio Lower Upper

228 100

226 27.5 22.2 33.4

229 19.9 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 39.560 ng

RT: 13.833 min Scan# 1997

Delta R.T. 0.000 min

Lab File: BF133265.D

Acq: 05 May 2023 15:36

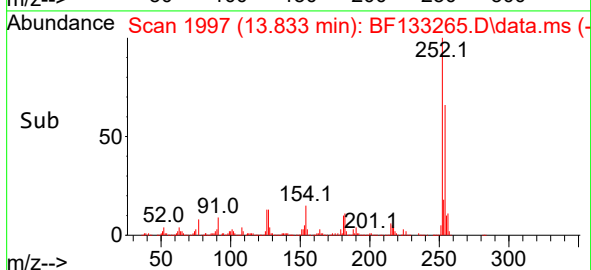
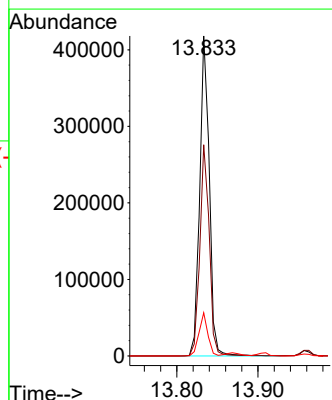
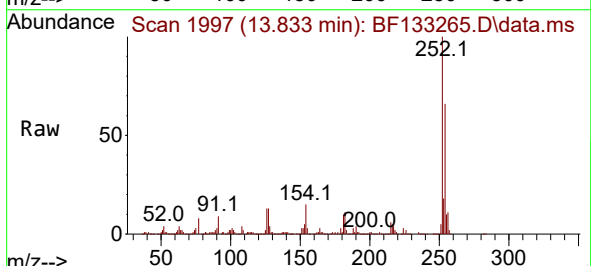
Tgt Ion:252 Resp: 343940

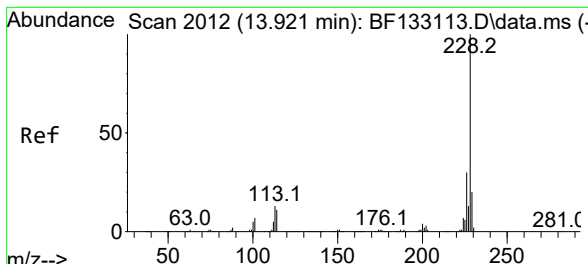
Ion Ratio Lower Upper

252 100

254 66.0 51.5 77.3

126 13.5 9.5 14.3





#83

Chrysene

Concen: 36.812 ng

RT: 13.910 min Scan# 2012

Delta R.T. 0.000 min

Lab File: BF133265.D

Acq: 05 May 2023 15:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

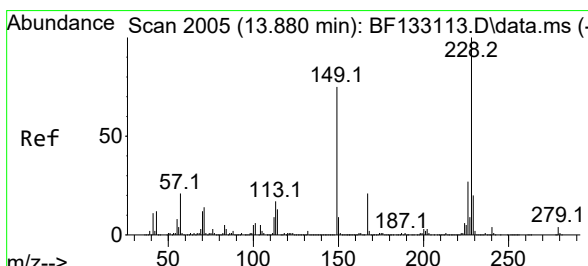
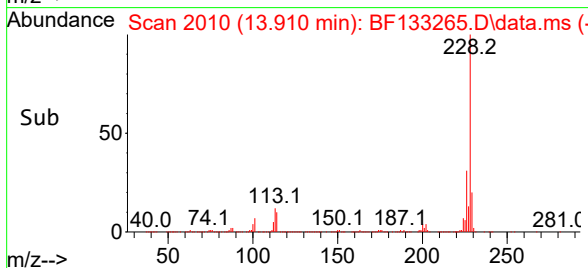
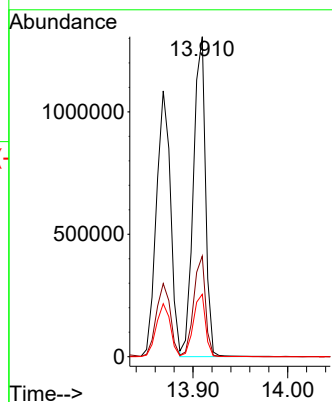
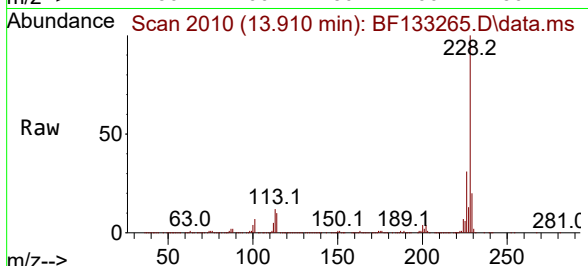
Tgt Ion:228 Resp: 1158269

Ion Ratio Lower Upper

228 100

226 31.5 24.7 37.1

229 19.5 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.020 ng

RT: 13.868 min Scan# 2003

Delta R.T. 0.000 min

Lab File: BF133265.D

Acq: 05 May 2023 15:36

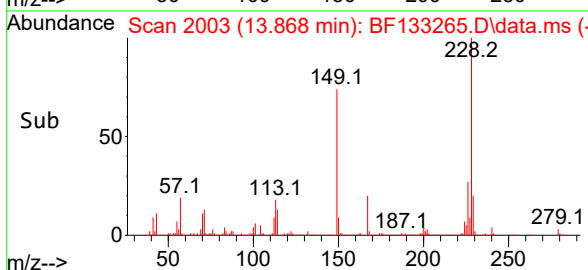
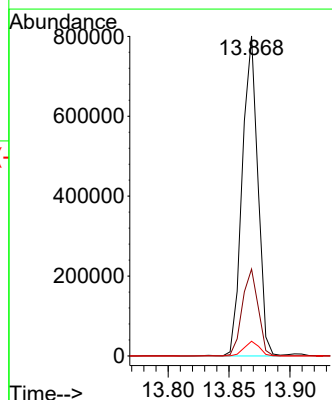
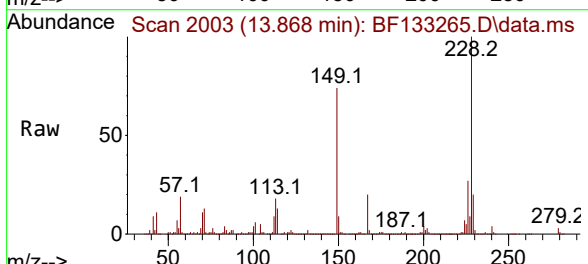
Tgt Ion:149 Resp: 715213

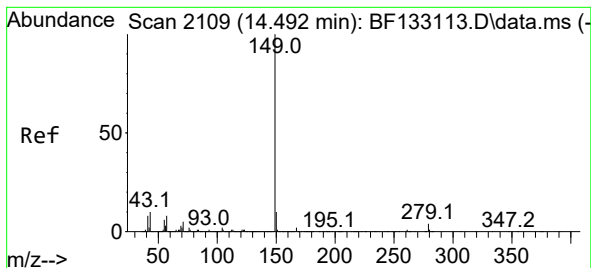
Ion Ratio Lower Upper

149 100

167 27.1 22.5 33.7

279 4.6 4.2 6.4





#85

Di-n-octyl phthalate

Concen: 39.021 ng

RT: 14.480 min Scan# 2109

Delta R.T. 0.000 min

Lab File: BF133265.D

Acq: 05 May 2023 15:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

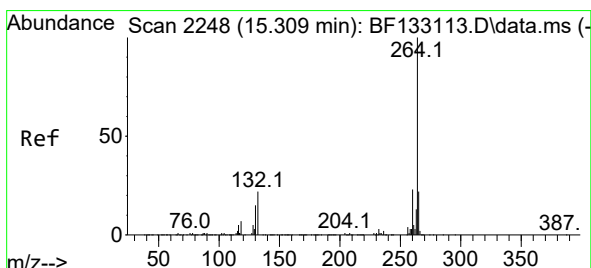
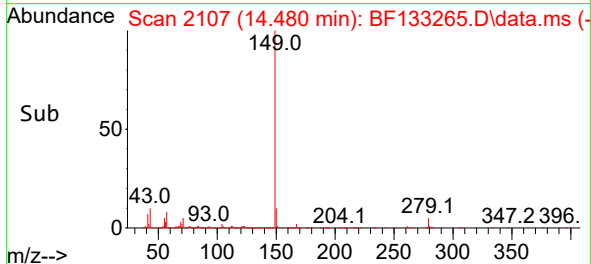
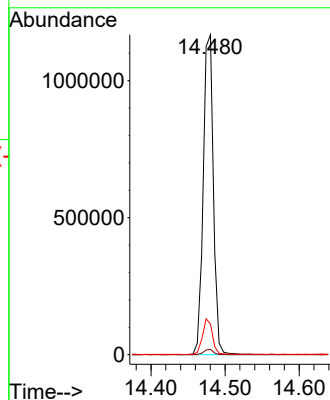
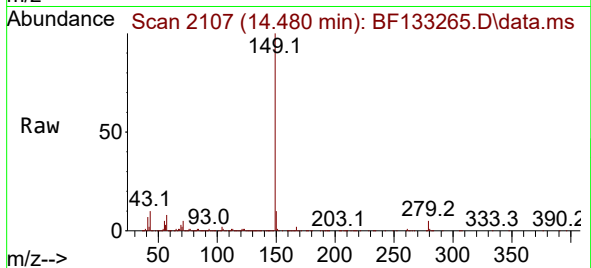
Tgt Ion:149 Resp: 1109362

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.8 9.5 14.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.298 min Scan# 2246

Delta R.T. 0.006 min

Lab File: BF133265.D

Acq: 05 May 2023 15:36

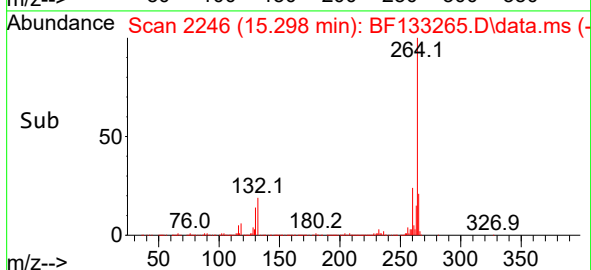
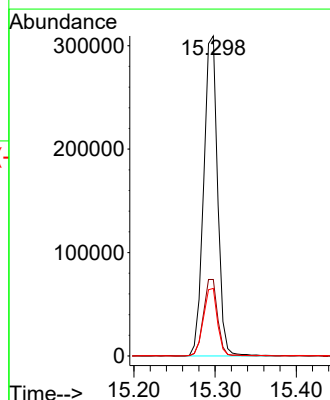
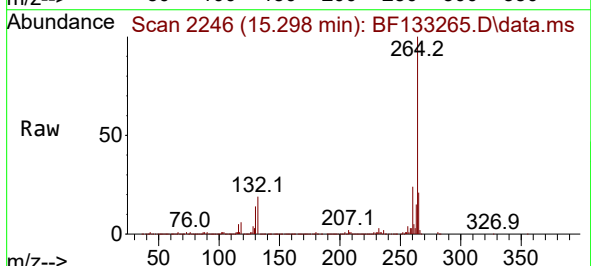
Tgt Ion:264 Resp: 367852

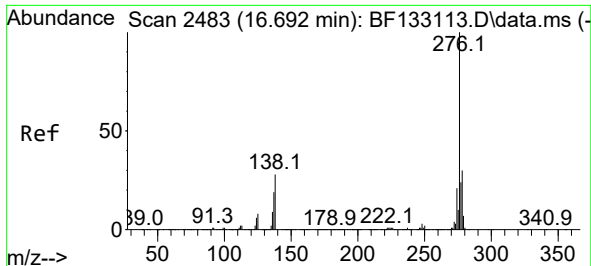
Ion Ratio Lower Upper

264 100

260 23.9 18.8 28.2

265 21.1 17.0 25.4

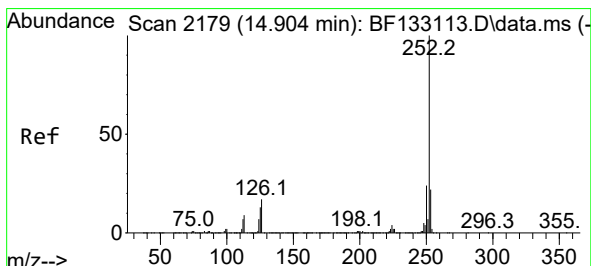
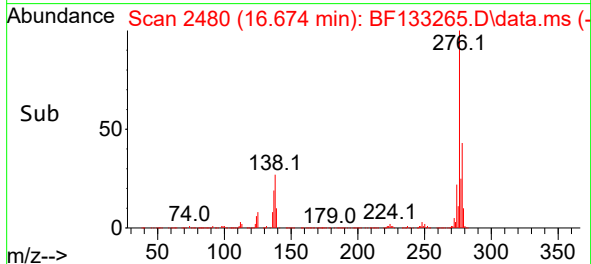
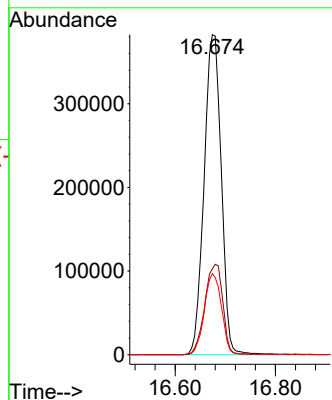
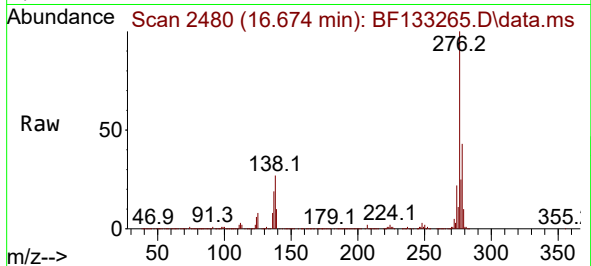




#87
Indeno(1,2,3-cd)pyrene
Concen: 43.572 ng
RT: 16.674 min Scan# 2483
Delta R.T. 0.000 min
Lab File: BF133265.D
Acq: 05 May 2023 15:36

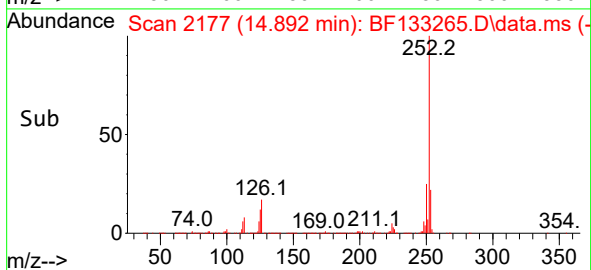
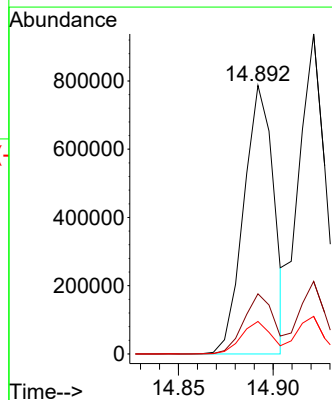
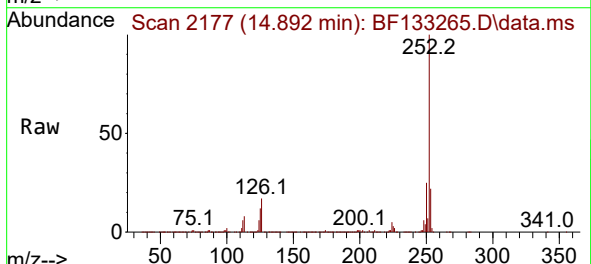
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

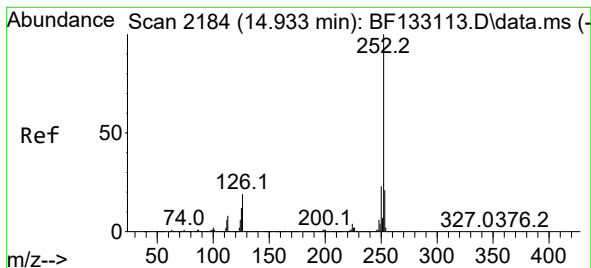
Tgt Ion:276 Resp: 911709
Ion Ratio Lower Upper
276 100
138 29.7 25.5 38.3
277 25.2 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 37.301 ng
RT: 14.892 min Scan# 2177
Delta R.T. 0.000 min
Lab File: BF133265.D
Acq: 05 May 2023 15:36

Tgt Ion:252 Resp: 872941
Ion Ratio Lower Upper
252 100
253 22.4 17.6 26.4
125 12.1 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 38.837 ng

RT: 14.921 min Scan# 2184

Delta R.T. 0.000 min

Lab File: BF133265.D

Acq: 05 May 2023 15:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

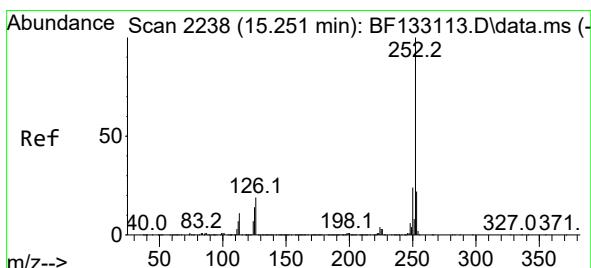
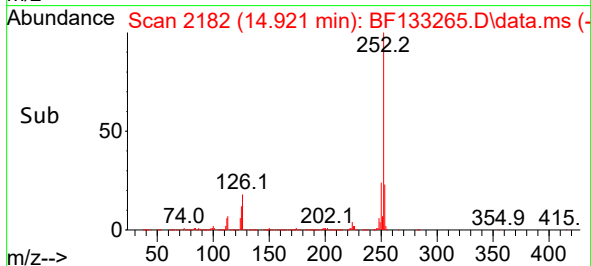
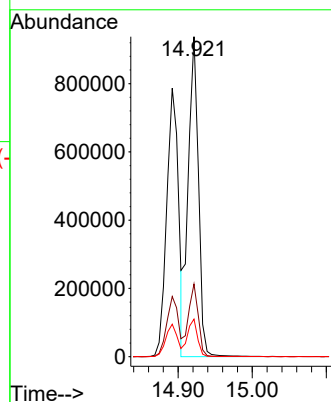
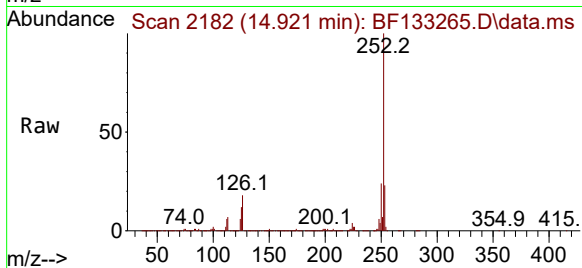
Tgt Ion:252 Resp: 900952

Ion Ratio Lower Upper

252 100

253 22.7 17.7 26.5

125 11.8 9.0 13.4



#90

Benzo(a)pyrene

Concen: 38.547 ng

RT: 15.239 min Scan# 2236

Delta R.T. 0.000 min

Lab File: BF133265.D

Acq: 05 May 2023 15:36

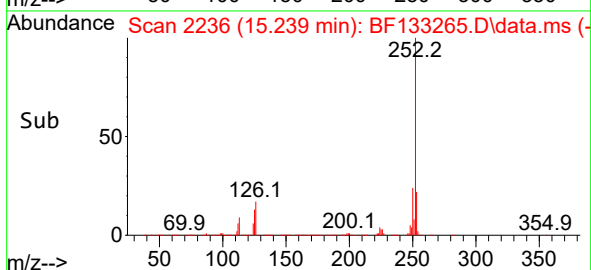
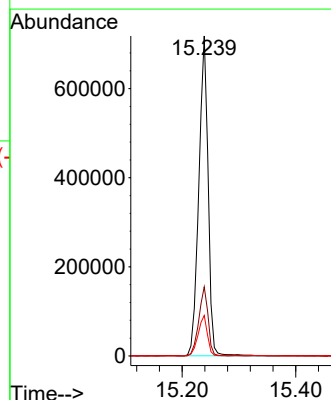
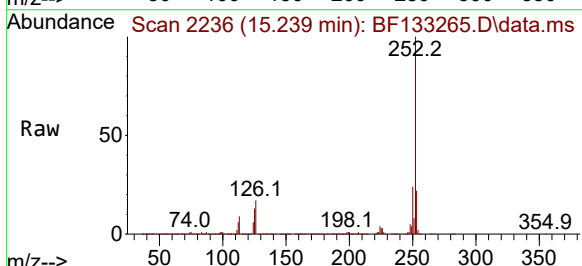
Tgt Ion:252 Resp: 821085

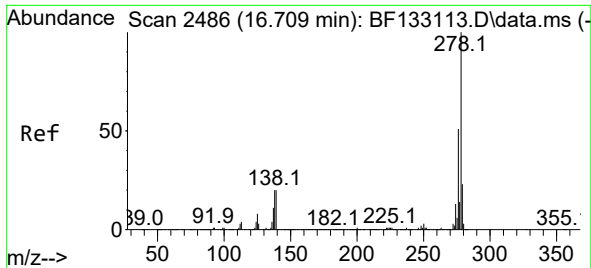
Ion Ratio Lower Upper

252 100

253 21.6 17.7 26.5

125 12.6 10.5 15.7

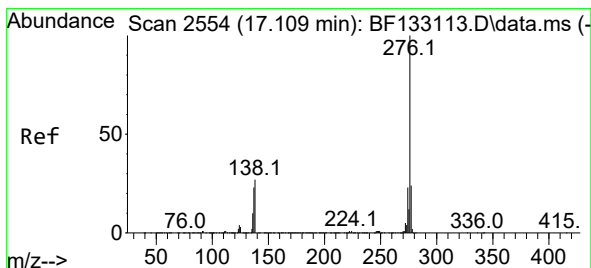
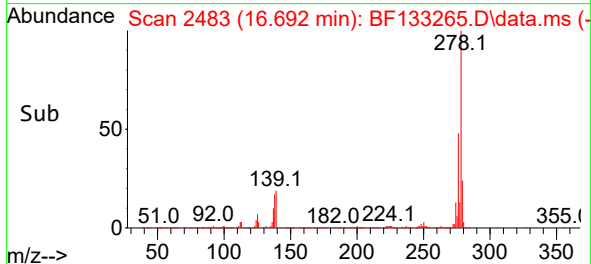
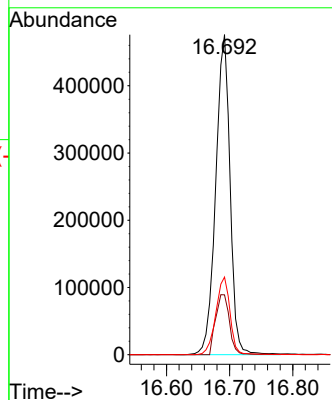
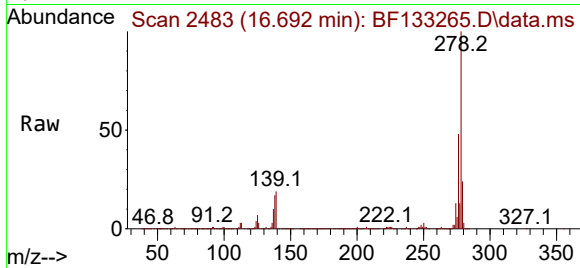




#91
Dibenzo(a,h)anthracene
Concen: 43.079 ng
RT: 16.692 min Scan# 2486
Delta R.T. 0.000 min
Lab File: BF133265.D
Acq: 05 May 2023 15:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 751800
Ion Ratio Lower Upper
278 100
139 18.7 16.6 24.8
279 24.3 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 44.779 ng
RT: 17.092 min Scan# 2551
Delta R.T. 0.000 min
Lab File: BF133265.D
Acq: 05 May 2023 15:36

Tgt Ion:276 Resp: 771518
Ion Ratio Lower Upper
276 100
277 24.5 19.4 29.0
138 25.9 22.7 34.1

