

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061623\
 Data File : BF133804.D
 Acq On : 16 Jun 2023 13:37
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jun 16 14:24:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 15 15:12:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	98092	20.000	ng	0.03
21) Naphthalene-d8	8.145	136	362760	20.000	ng	0.03
39) Acenaphthene-d10	9.904	164	180302	20.000	ng	0.04
64) Phenanthrene-d10	11.392	188	351498	20.000	ng	0.04
76) Chrysene-d12	14.051	240	181728	20.000	ng	0.05
86) Perylene-d12	15.562	264	235496	20.000	ng	0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	453088	80.412	ng	0.05
7) Phenol-d6	6.498	99	545786	74.416	ng	0.04
23) Nitrobenzene-d5	7.428	82	513730	77.134	ng	0.03
42) 2,4,6-Tribromophenol	10.692	330	168761	73.943	ng	0.03
45) 2-Fluorobiphenyl	9.222	172	959391	75.639	ng	0.03
79) Terphenyl-d14	12.992	244	953404	81.179	ng	0.05
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.634	88	95164	38.416	ng	98
3) Pyridine	3.422	79	255573	35.397	ng	98
4) n-Nitrosodimethylamine	3.387	42	153180	38.381	ng	96
6) Aniline	6.534	93	344434	37.286	ng	99
8) 2-Chlorophenol	6.651	128	225822	38.030	ng	98
9) Benzaldehyde	6.422	77	165487	34.009	ng	97
10) Phenol	6.510	94	289220	37.765	ng	96
11) bis(2-Chloroethyl)ether	6.604	93	212040	37.294	ng	94
12) 1,3-Dichlorobenzene	6.804	146	242676	38.251	ng	97
13) 1,4-Dichlorobenzene	6.881	146	246701	38.473	ng	97
14) 1,2-Dichlorobenzene	7.034	146	231550	39.963	ng	99
15) Benzyl Alcohol	7.004	79	222034	38.761	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.139	45	384907	39.937	ng	99
17) 2-Methylphenol	7.116	107	203669	38.697	ng	98
18) Hexachloroethane	7.375	117	91964	41.892	ng	98
19) n-Nitroso-di-n-propyla...	7.275	70	170385	36.513	ng	96
20) 3+4-Methylphenols	7.269	107	251305	36.705	ng	97
22) Acetophenone	7.275	105	311828	37.479	ng	# 99
24) Nitrobenzene	7.445	77	264873	39.495	ng	96
25) Isophorone	7.681	82	461248	37.723	ng	99
26) 2-Nitrophenol	7.763	139	117196	38.939	ng	99
27) 2,4-Dimethylphenol	7.798	122	196581	37.894	ng	100
28) bis(2-Chloroethoxy)met...	7.892	93	264782	37.467	ng	99
29) 2,4-Dichlorophenol	7.998	162	192544	37.870	ng	97
30) 1,2,4-Trichlorobenzene	8.086	180	203108	38.289	ng	97
31) Naphthalene	8.169	128	670321	37.928	ng	100
32) Benzoic acid	7.904	122	100636	30.759	ng	96
33) 4-Chloroaniline	8.216	127	285160	37.735	ng	99
34) Hexachlorobutadiene	8.281	225	128762	37.074	ng	98
35) Caprolactam	8.586	113	59661	34.873	ng	90
36) 4-Chloro-3-methylphenol	8.692	107	217876	37.177	ng	98
37) 2-Methylnaphthalene	8.857	142	461354	37.570	ng	98
38) 1-Methylnaphthalene	8.957	142	429963	38.050	ng	99
40) 1,2,4,5-Tetrachloroben...	9.022	216	207771	37.905	ng	98
41) Hexachlorocyclopentadiene	9.010	237	102195	41.838	ng	99
43) 2,4,6-Trichlorophenol	9.133	196	140627	38.393	ng	97

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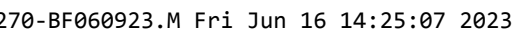
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	160577	37.683	ng	99
46) 1,1'-Biphenyl	9.322	154	554327	38.120	ng	99
47) 2-Chloronaphthalene	9.345	162	406046	38.927	ng	99
48) 2-Nitroaniline	9.445	65	145459	38.130	ng	97
49) Acenaphthylene	9.763	152	694129	38.233	ng	100
50) Dimethylphthalate	9.622	163	505499	37.561	ng	99
51) 2,6-Dinitrotoluene	9.686	165	107168	38.579	ng	# 77
52) Acenaphthene	9.939	154	410028	38.584	ng	99
53) 3-Nitroaniline	9.857	138	126723	37.487	ng	89
54) 2,4-Dinitrophenol	9.963	184	49337	39.465	ng	96
55) Dibenzofuran	10.110	168	630734	38.897	ng	98
56) 4-Nitrophenol	10.016	139	87389	38.304	ng	88
57) 2,4-Dinitrotoluene	10.092	165	141759	40.125	ng	96
58) Fluorene	10.451	166	485128	39.122	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.227	232	127513	39.968	ng	97
60) Diethylphthalate	10.328	149	525057	38.333	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	233164	38.088	ng	99
62) 4-Nitroaniline	10.475	138	124768	37.643	ng	98
63) Azobenzene	10.604	77	501054	38.642	ng	97
65) 4,6-Dinitro-2-methylph...	10.498	198	69259	41.235	ng	# 72
66) n-Nitrosodiphenylamine	10.563	169	435444	36.881	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	144922	36.940	ng	93
68) Hexachlorobenzene	10.998	284	153707	37.257	ng	97
69) Atrazine	11.092	200	124537	36.353	ng	98
70) Pentachlorophenol	11.198	266	96020	38.868	ng	99
71) Phenanthrene	11.422	178	697254	39.099	ng	99
72) Anthracene	11.469	178	713952	38.396	ng	99
73) Carbazole	11.627	167	648641	37.454	ng	99
74) Di-n-butylphthalate	11.963	149	823953	37.112	ng	99
75) Fluoranthene	12.616	202	718850	37.959	ng	100
77) Benzidine	12.739	184	255176	41.845	ng	99
78) Pyrene	12.845	202	717470	42.382	ng	100
80) Butylbenzylphthalate	13.468	149	258411	36.158	ng	99
81) Benzo(a)anthracene	14.045	228	481461	38.302	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	163733	39.179	ng	# 97
83) Chrysene	14.080	228	465778	39.177	ng	98
84) Bis(2-ethylhexyl)phtha...	14.033	149	324249	36.848	ng	98
85) Di-n-octyl phthalate	14.657	149	645132	51.591	ng	98
87) Indeno(1,2,3-cd)pyrene	17.115	276	646820	39.923	ng	99
88) Benzo(b)fluoranthene	15.145	252	508248	35.528	ng	98
89) Benzo(k)fluoranthene	15.145	252	508248	36.472	ng	98
90) Benzo(a)pyrene	15.498	252	504661	38.012	ng	98
91) Dibenzo(a,h)anthracene	17.139	278	535176	39.900	ng	98
92) Benzo(g,h,i)perylene	17.592	276	524646	39.451	ng	97

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

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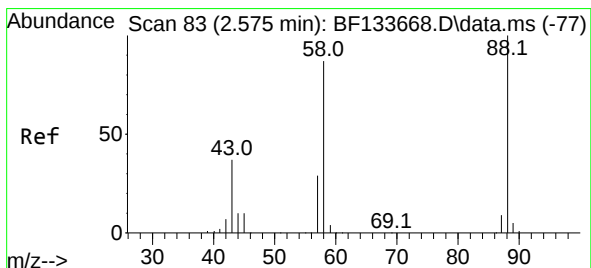
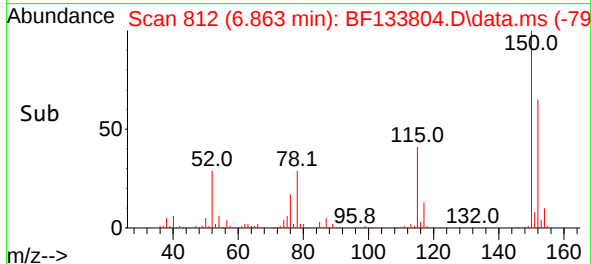
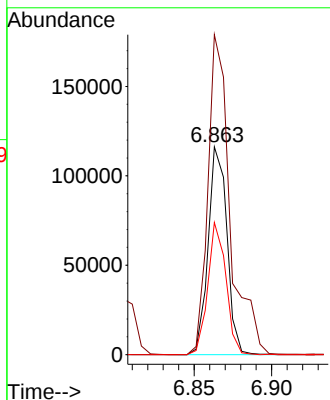
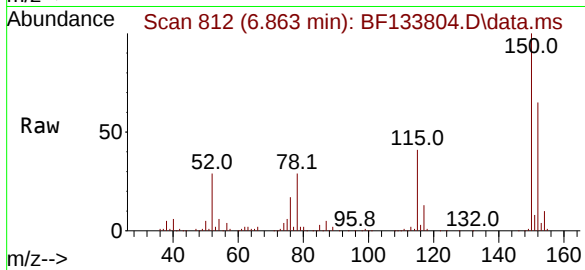




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.863 min Scan# 81
 Delta R.T. 0.029 min
 Lab File: BF133804.D
 Acq: 16 Jun 2023 13:37

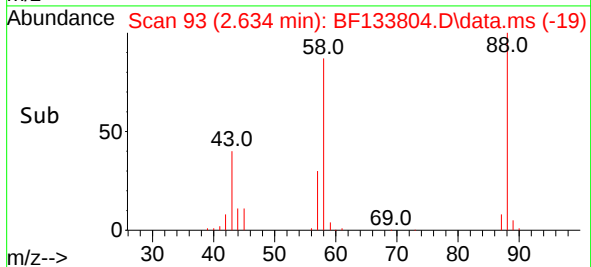
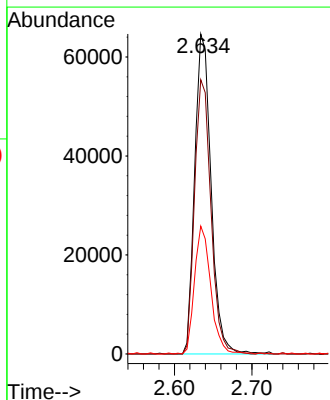
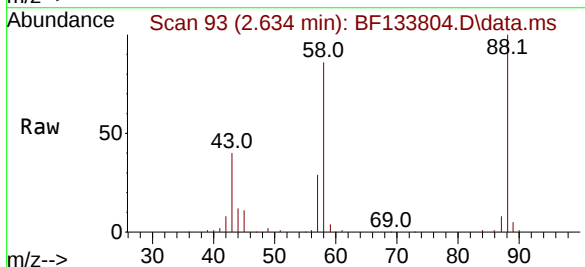
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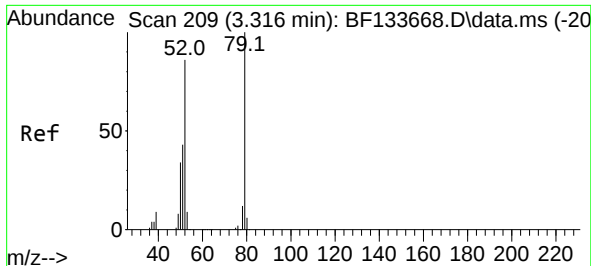
Tgt Ion:152 Resp: 98092
 Ion Ratio Lower Upper
 152 100
 150 154.0 124.3 186.5
 115 63.6 48.5 72.7



#2
 1,4-Dioxane
 Concen: 38.416 ng
 RT: 2.634 min Scan# 93
 Delta R.T. 0.088 min
 Lab File: BF133804.D
 Acq: 16 Jun 2023 13:37

Tgt Ion: 88 Resp: 95164
 Ion Ratio Lower Upper
 88 100
 58 85.5 67.8 101.6
 43 39.7 29.8 44.6

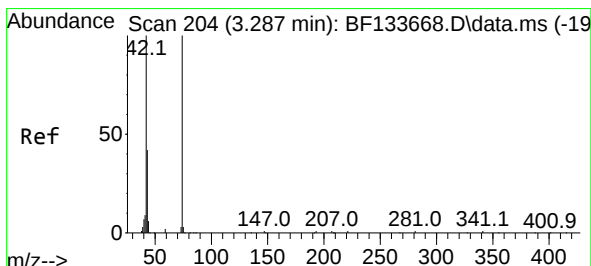
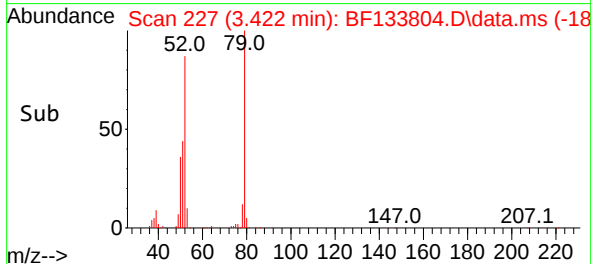
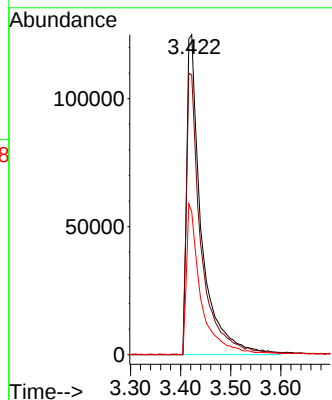
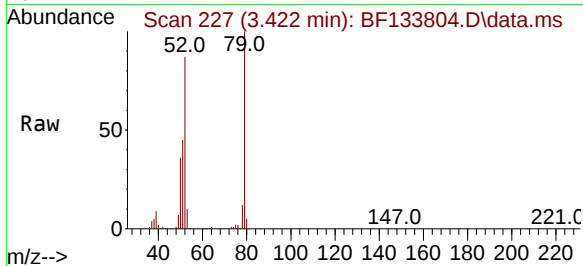




#3
Pyridine
Concen: 35.397 ng
RT: 3.422 min Scan# 21
Delta R.T. 0.129 min
Lab File: BF133804.D
Acq: 16 Jun 2023 13:37

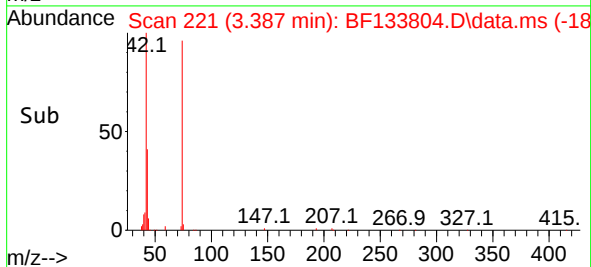
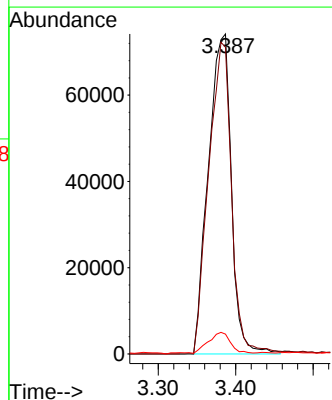
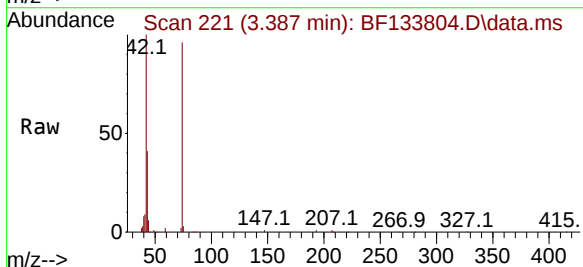
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 255573
Ion Ratio Lower Upper
79 100
52 87.5 68.6 102.8
51 44.6 34.8 52.2



#4
n-Nitrosodimethylamine
Concen: 38.381 ng
RT: 3.387 min Scan# 221
Delta R.T. 0.141 min
Lab File: BF133804.D
Acq: 16 Jun 2023 13:37

Tgt Ion: 42 Resp: 153180
Ion Ratio Lower Upper
42 100
74 95.9 79.8 119.8
44 6.2 4.7 7.1

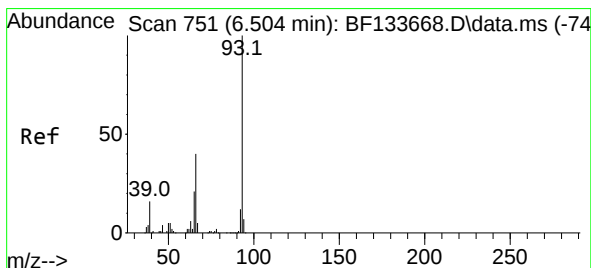
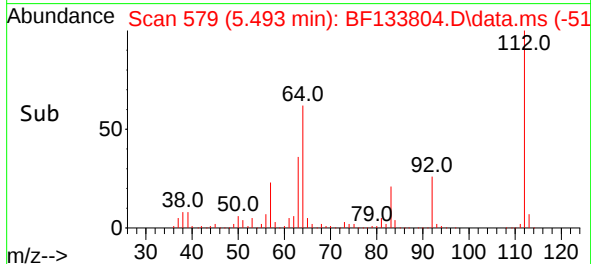
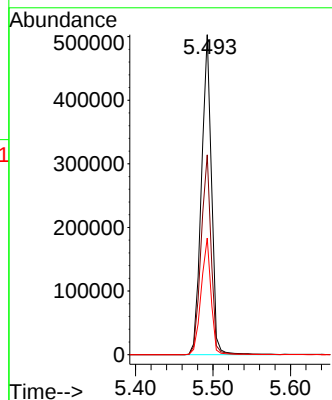
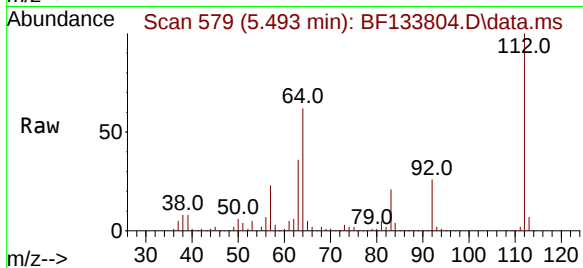




#5
2-Fluorophenol
Concen: 80.412 ng
RT: 5.493 min Scan# 51
Delta R.T. 0.053 min
Lab File: BF133804.D
Acq: 16 Jun 2023 13:37

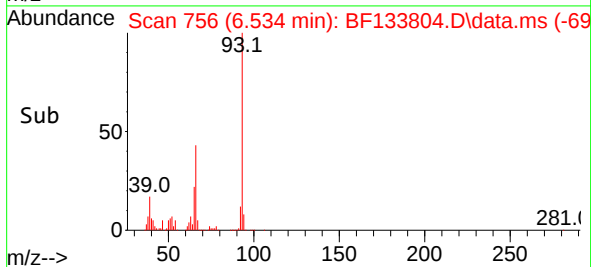
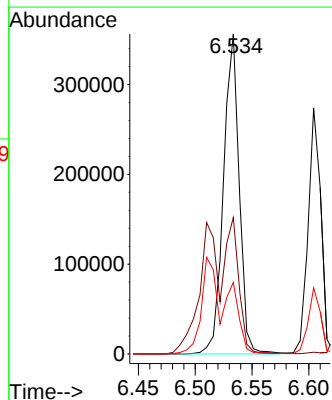
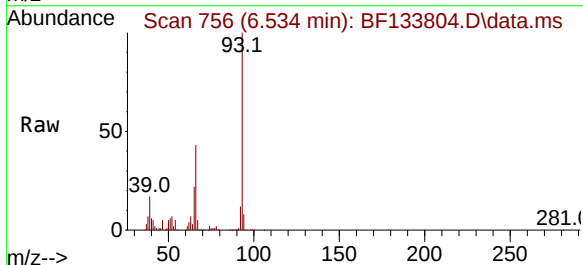
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ClientSampleId :
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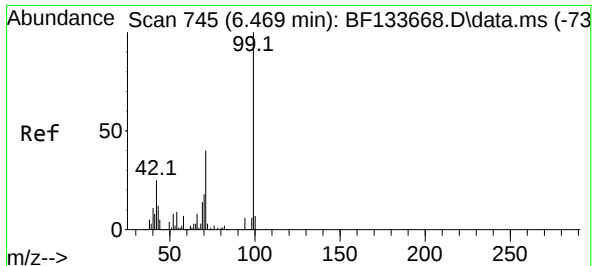
Tgt Ion:112 Resp: 453088
Ion Ratio Lower Upper
112 100
64 62.4 49.0 73.4
63 36.5 26.8 40.2



#6
Aniline
Concen: 37.286 ng
RT: 6.534 min Scan# 756
Delta R.T. 0.035 min
Lab File: BF133804.D
Acq: 16 Jun 2023 13:37

Tgt Ion: 93 Resp: 344434
Ion Ratio Lower Upper
93 100
66 42.7 34.4 51.6
65 22.3 17.5 26.3

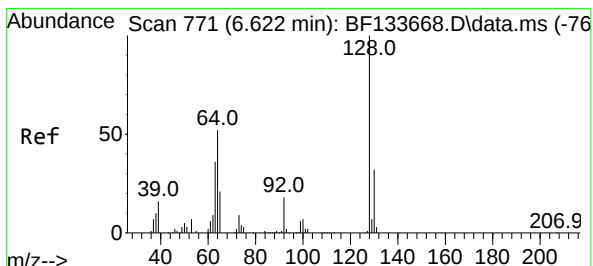
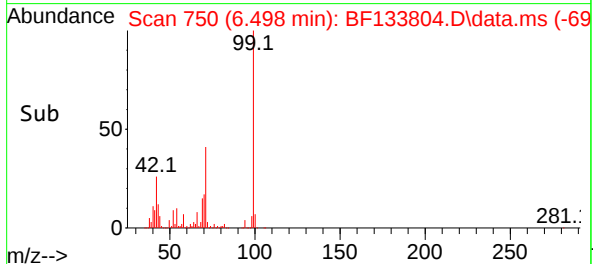
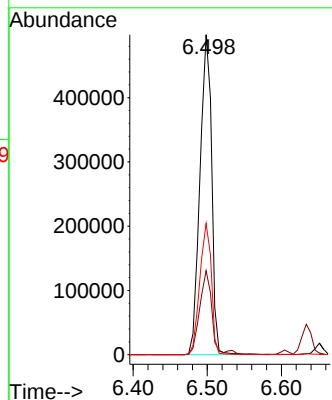
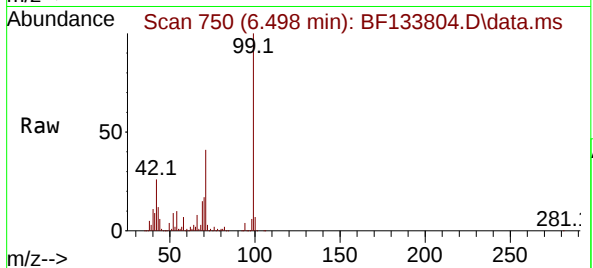




#7
Phenol-d6
Concen: 74.416 ng
RT: 6.498 min Scan# 745
Delta R.T. 0.035 min
Lab File: BF133804.D
Acq: 16 Jun 2023 13:37

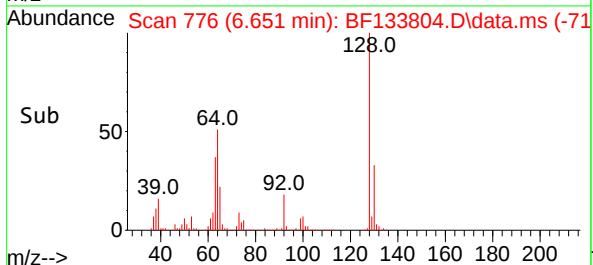
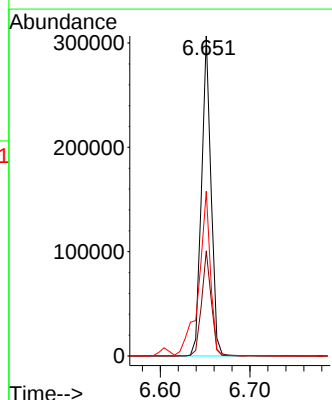
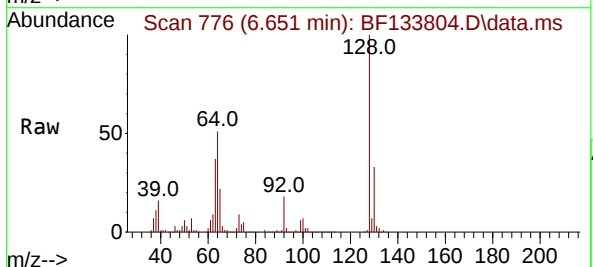
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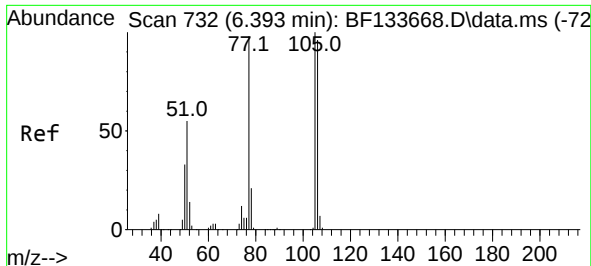
Tgt Ion: 99 Resp: 545786
Ion Ratio Lower Upper
99 100
42 26.2 19.9 29.9
71 41.0 32.2 48.4



#8
2-Chlorophenol
Concen: 38.030 ng
RT: 6.651 min Scan# 776
Delta R.T. 0.035 min
Lab File: BF133804.D
Acq: 16 Jun 2023 13:37

Tgt Ion: 128 Resp: 225822
Ion Ratio Lower Upper
128 100
130 32.9 12.3 52.3
64 51.5 33.1 73.1

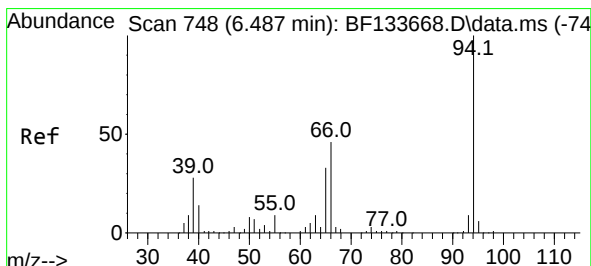
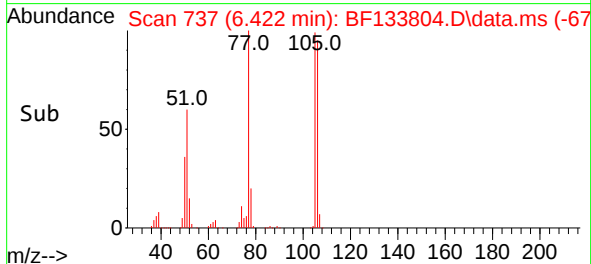
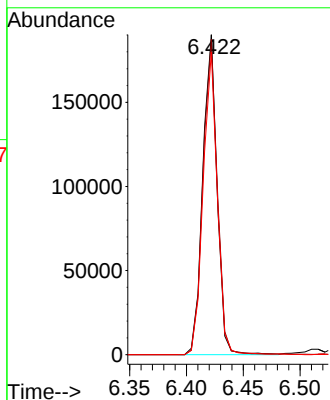
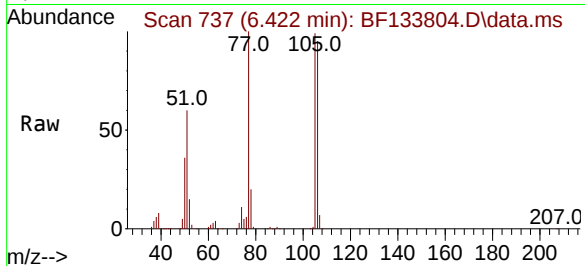




#9
Benzaldehyde
Concen: 34.009 ng
RT: 6.422 min Scan# 71
Delta R.T. 0.041 min
Lab File: BF133804.D
Acq: 16 Jun 2023 13:37

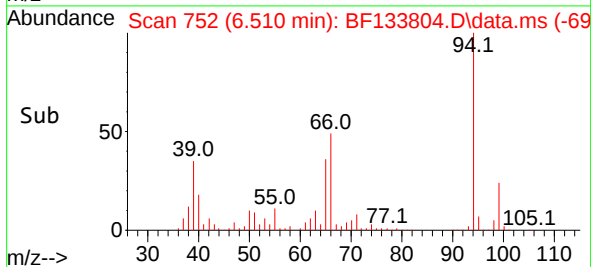
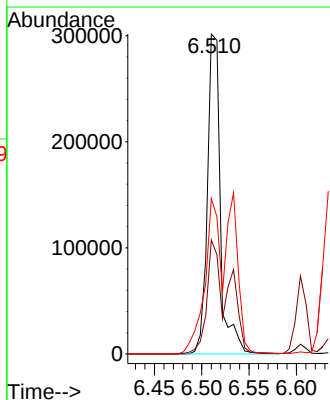
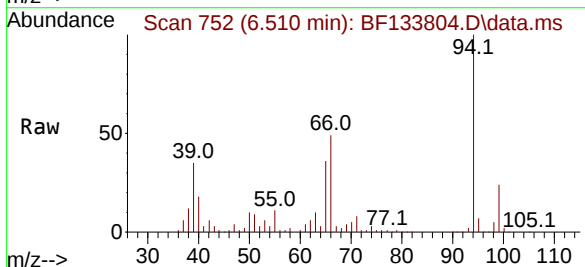
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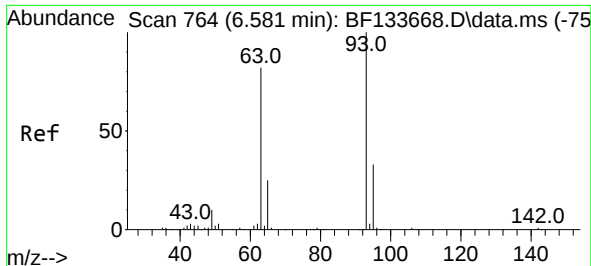
Tgt Ion: 77 Resp: 165487
Ion Ratio Lower Upper
77 100
105 98.6 82.0 122.0
106 94.6 77.6 117.6



#10
Phenol
Concen: 37.765 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.035 min
Lab File: BF133804.D
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Tgt Ion: 94 Resp: 289220
Ion Ratio Lower Upper
94 100
65 35.7 13.2 53.2
66 48.6 26.1 66.1

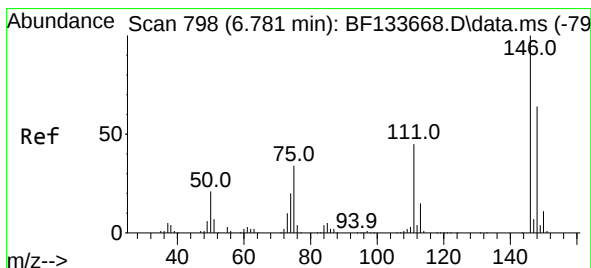
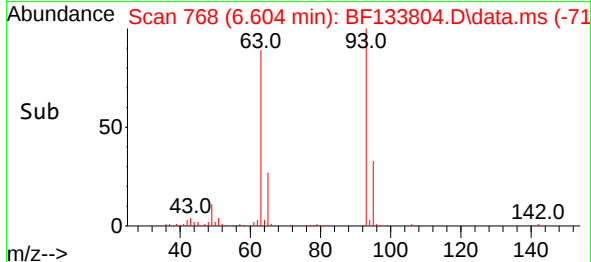
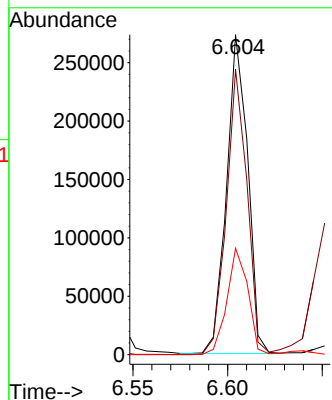
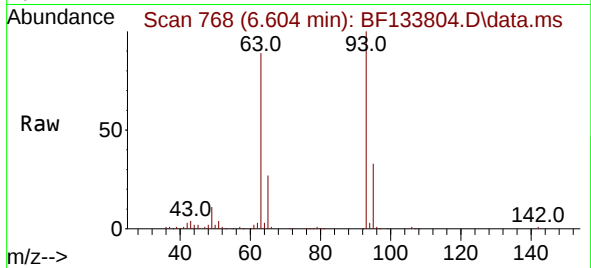




#11
bis(2-Chloroethyl)ether
Concen: 37.294 ng
RT: 6.604 min Scan# 71
Delta R.T. 0.035 min
Lab File: BF133804.D
Acq: 16 Jun 2023 13:37

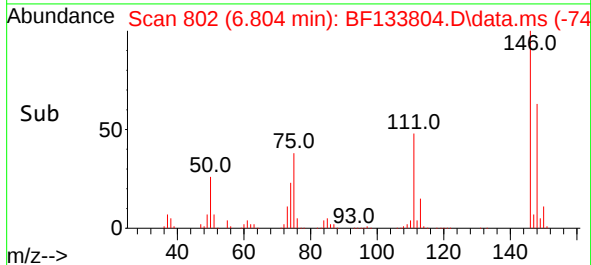
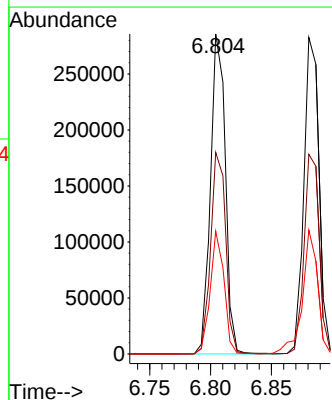
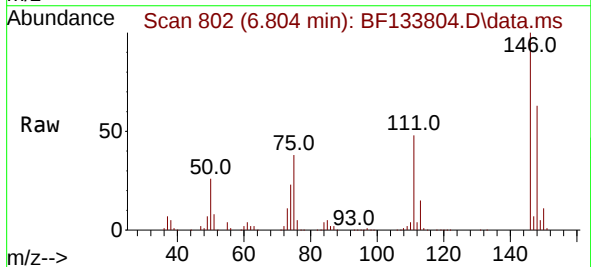
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

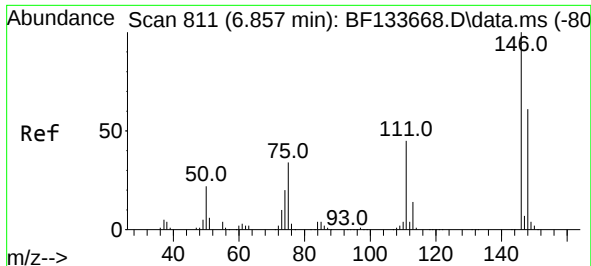
Tgt Ion: 93 Resp: 212040
Ion Ratio Lower Upper
93 100
63 89.2 62.1 102.1
95 33.2 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 38.251 ng
RT: 6.804 min Scan# 802
Delta R.T. 0.029 min
Lab File: BF133804.D
Acq: 16 Jun 2023 13:37

Tgt Ion: 146 Resp: 242676
Ion Ratio Lower Upper
146 100
148 63.0 50.9 76.3
75 38.3 27.1 40.7





#13

1,4-Dichlorobenzene

Concen: 38.473 ng

RT: 6.881 min Scan# 811

Delta R.T. 0.029 min

Lab File: BF133804.D

Acq: 16 Jun 2023 13:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

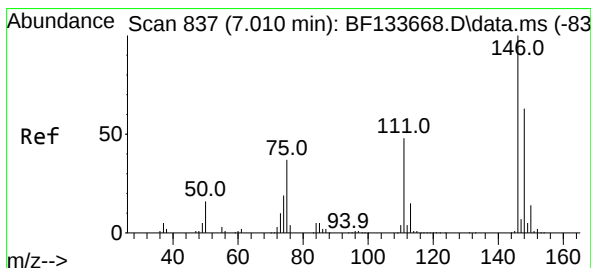
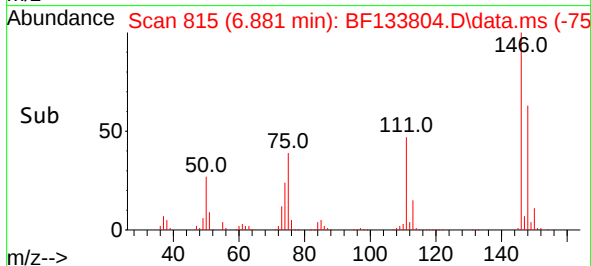
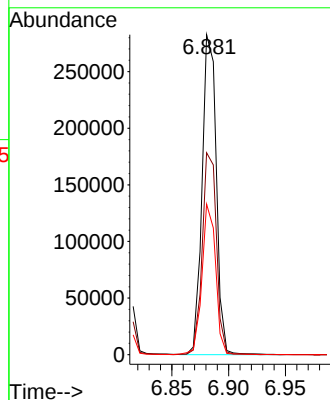
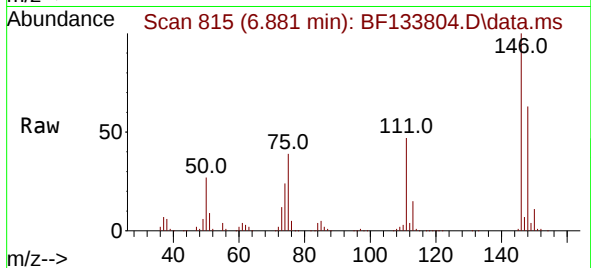
Tgt Ion:146 Resp: 246701

Ion Ratio Lower Upper

146 100

148 63.1 48.9 73.3

111 47.1 35.8 53.6



#14

1,2-Dichlorobenzene

Concen: 39.963 ng

RT: 7.034 min Scan# 841

Delta R.T. 0.029 min

Lab File: BF133804.D

Acq: 16 Jun 2023 13:37

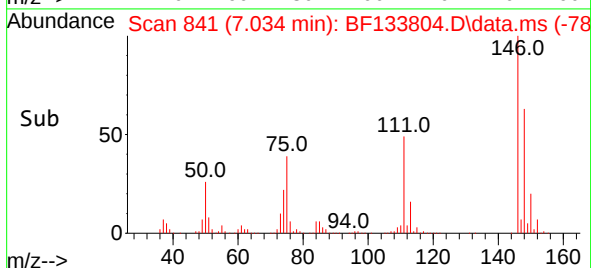
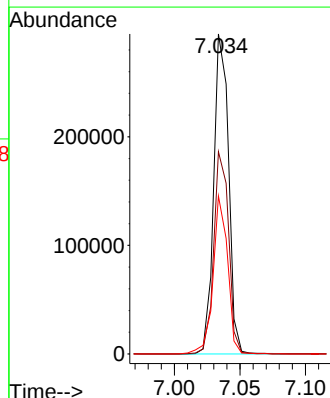
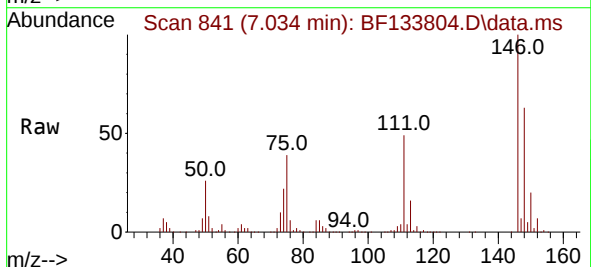
Tgt Ion:146 Resp: 231550

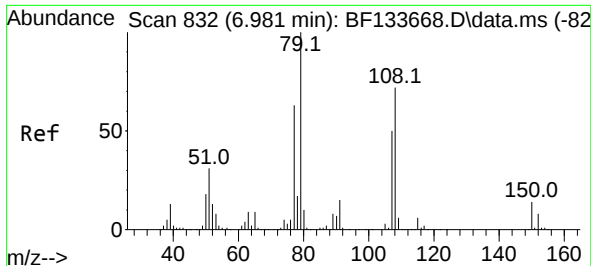
Ion Ratio Lower Upper

146 100

148 63.2 50.6 75.8

111 49.3 38.7 58.1

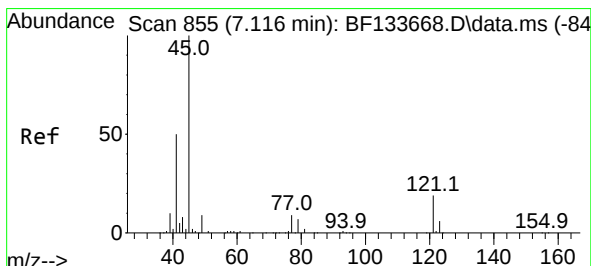
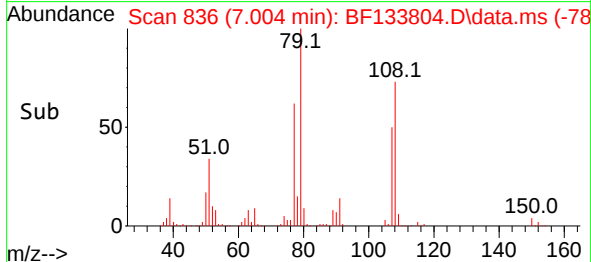
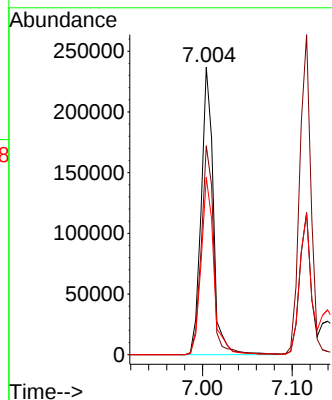
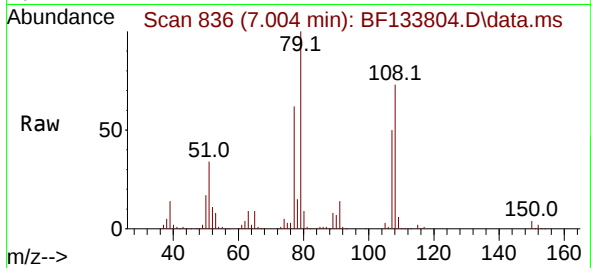




#15
Benzyl Alcohol
Concen: 38.761 ng
RT: 7.004 min Scan# 811
Delta R.T. 0.029 min
Lab File: BF133804.D
Acq: 16 Jun 2023 13:37

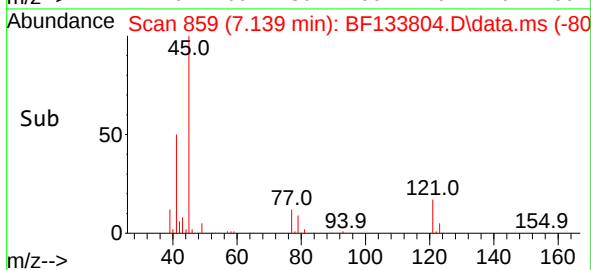
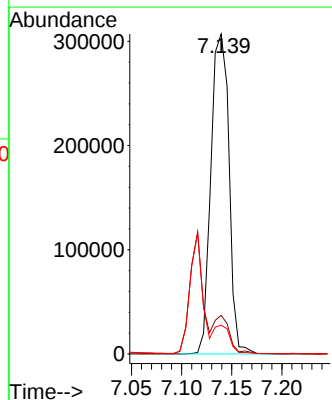
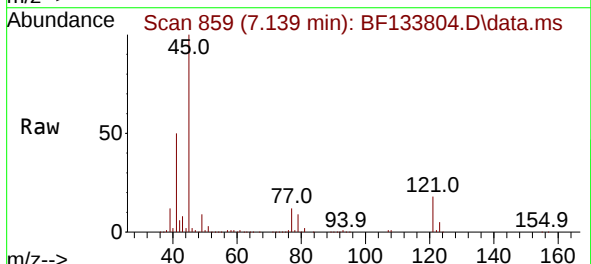
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

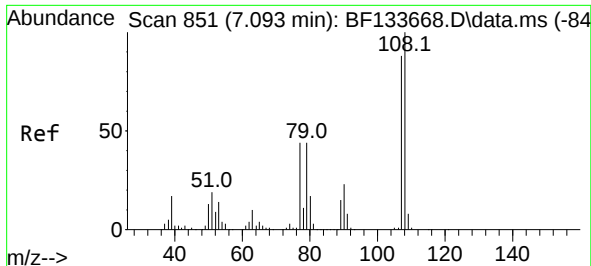
Tgt Ion: 79 Resp: 222034
Ion Ratio Lower Upper
79 100
108 72.7 57.9 86.9
77 61.7 50.4 75.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.937 ng
RT: 7.139 min Scan# 859
Delta R.T. 0.029 min
Lab File: BF133804.D
Acq: 16 Jun 2023 13:37

Tgt Ion: 45 Resp: 384907
Ion Ratio Lower Upper
45 100
77 12.0 0.0 32.3
79 9.0 0.0 29.4

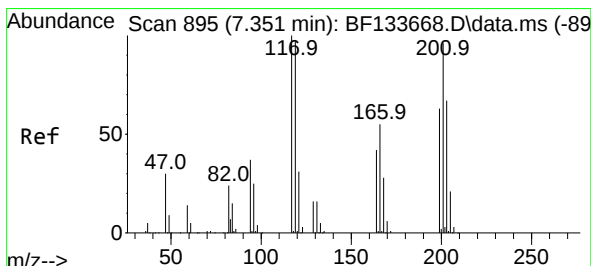
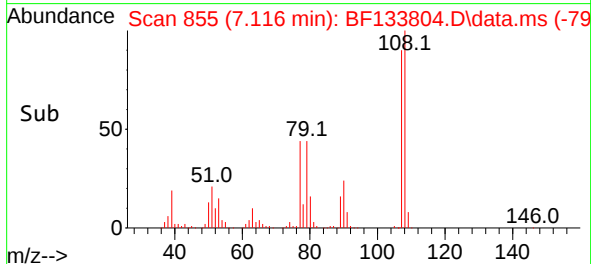
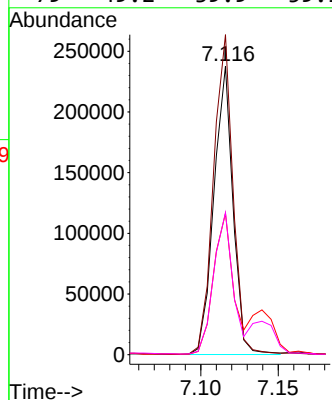
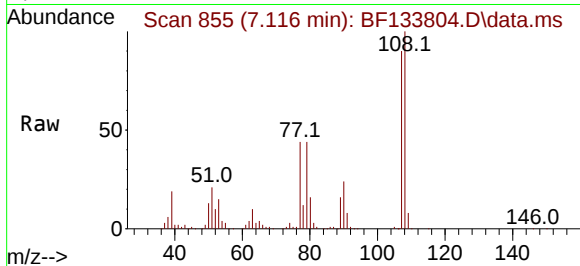




#17
2-Methylphenol
Concen: 38.697 ng
RT: 7.116 min Scan# 81
Delta R.T. 0.035 min
Lab File: BF133804.D
Acq: 16 Jun 2023 13:37

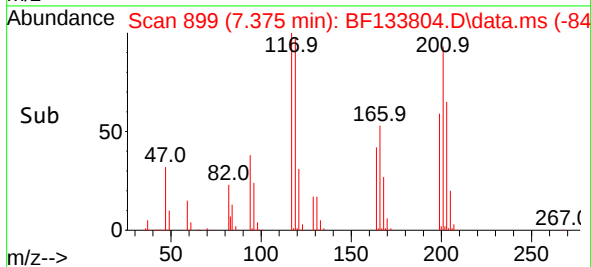
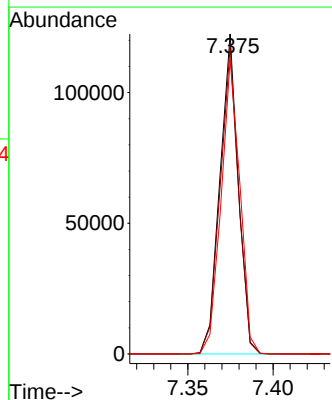
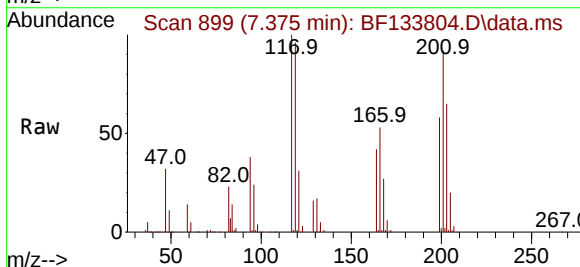
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	107	Resp:	203669
Ion	Ratio	Lower	Upper
107	100		
108	110.8	90.9	136.3
77	48.9	39.8	59.6
79	49.2	39.9	59.9



#18
Hexachloroethane
Concen: 41.892 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.029 min
Lab File: BF133804.D
Acq: 16 Jun 2023 13:37

Tgt Ion:	117	Resp:	91964
Ion	Ratio	Lower	Upper
117	100		
119	96.1	77.3	115.9
201	92.0	76.8	115.2

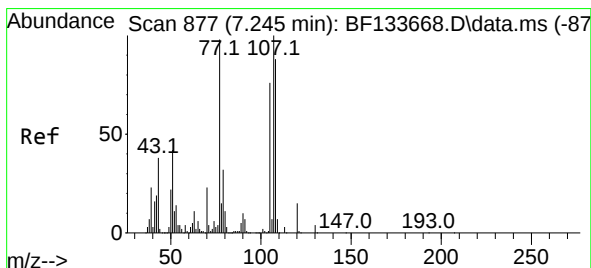
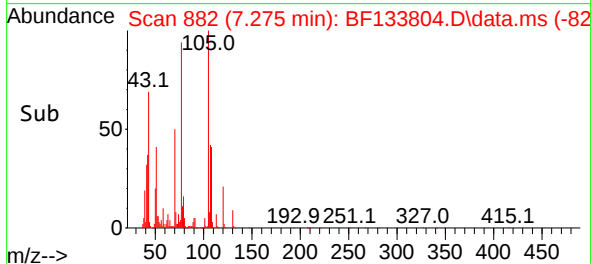
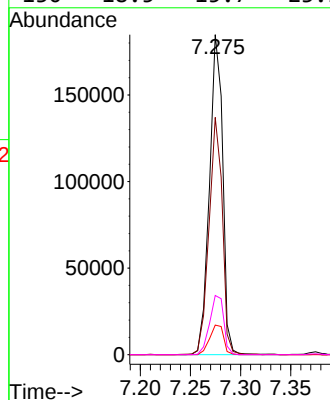
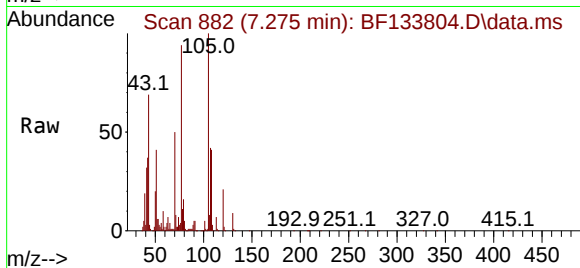




#19
n-Nitroso-di-n-propylamine
Concen: 36.513 ng
RT: 7.275 min Scan# 880
Delta R.T. 0.029 min
Lab File: BF133804.D
Acq: 16 Jun 2023 13:37

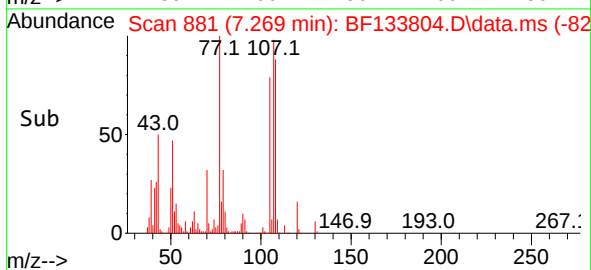
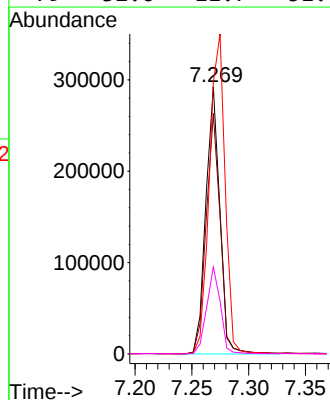
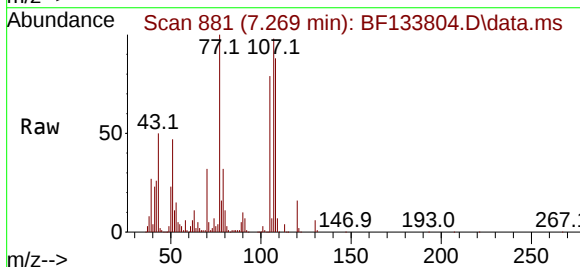
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

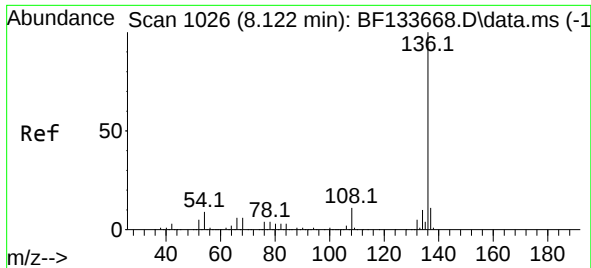
Tgt Ion:	70	Resp:	170385
Ion	Ratio	Lower	Upper
70	100		
42	74.1	55.8	83.8
101	9.3	8.1	12.1
130	18.5	15.7	23.5



#20
3+4-Methylphenols
Concen: 36.705 ng
RT: 7.269 min Scan# 881
Delta R.T. 0.029 min
Lab File: BF133804.D
Acq: 16 Jun 2023 13:37

Tgt Ion:	107	Resp:	251305
Ion	Ratio	Lower	Upper
107	100		
108	90.0	67.9	107.9
77	101.7	77.7	117.7
79	32.6	11.7	51.7

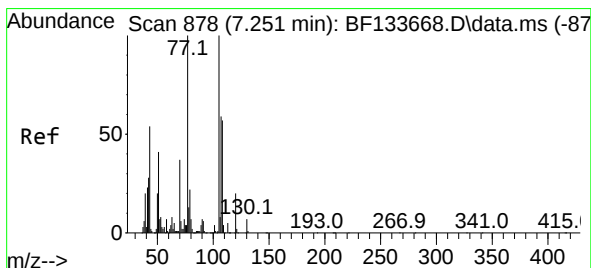
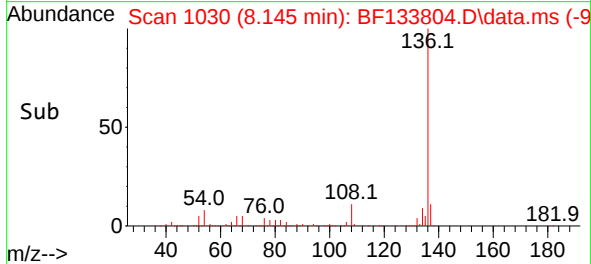
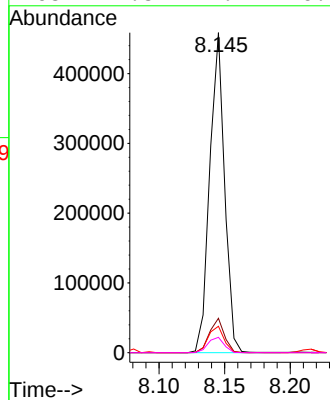
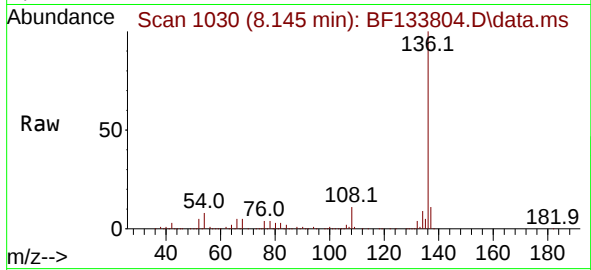




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1026
Delta R.T. 0.029 min
Lab File: BF133804.D
Acq: 16 Jun 2023 13:37

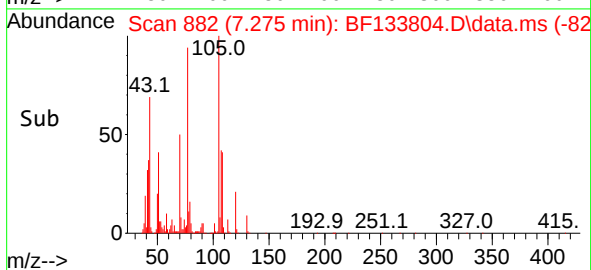
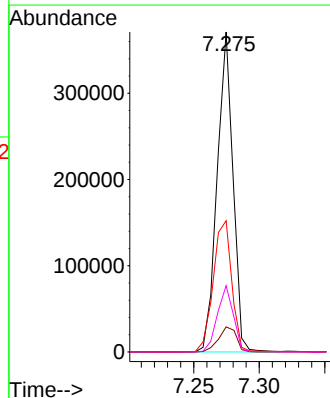
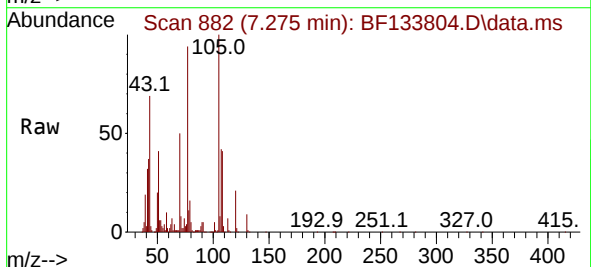
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

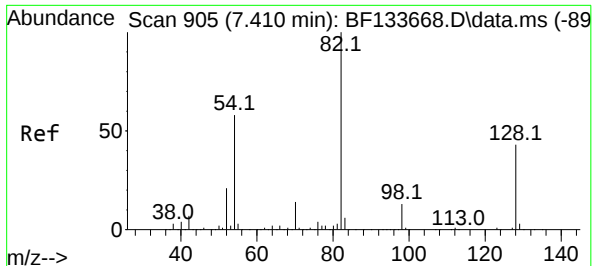
Tgt Ion:136 Resp: 362760
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 8.3 7.4 11.0
68 4.8 4.4 6.6



#22
Acetophenone
Concen: 37.479 ng
RT: 7.275 min Scan# 882
Delta R.T. 0.029 min
Lab File: BF133804.D
Acq: 16 Jun 2023 13:37

Tgt Ion:105 Resp: 311828
Ion Ratio Lower Upper
105 100
71 7.9 4.8 7.2#
51 41.0 33.0 49.4
120 20.7 16.2 24.4





#23

Nitrobenzene-d5

Concen: 77.134 ng

RT: 7.428 min Scan# 908

Delta R.T. 0.029 min

Lab File: BF133804.D

Acq: 16 Jun 2023 13:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

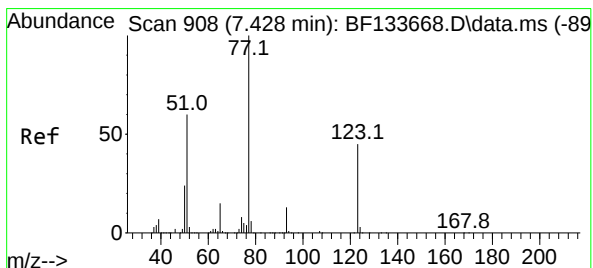
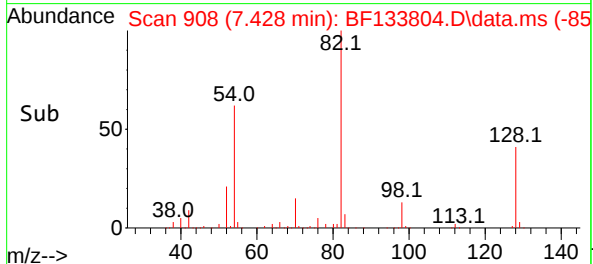
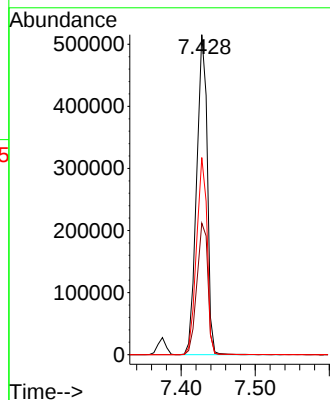
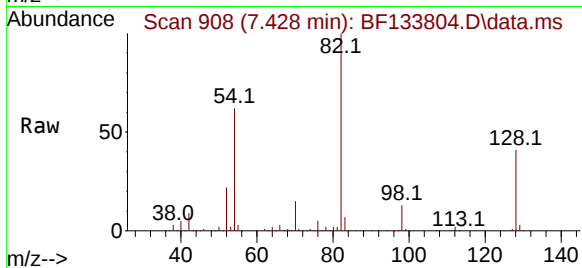
Tgt Ion: 82 Resp: 513730

Ion Ratio Lower Upper

82 100

128 41.1 34.2 51.2

54 61.6 46.5 69.7



#24

Nitrobenzene

Concen: 39.495 ng

RT: 7.445 min Scan# 911

Delta R.T. 0.029 min

Lab File: BF133804.D

Acq: 16 Jun 2023 13:37

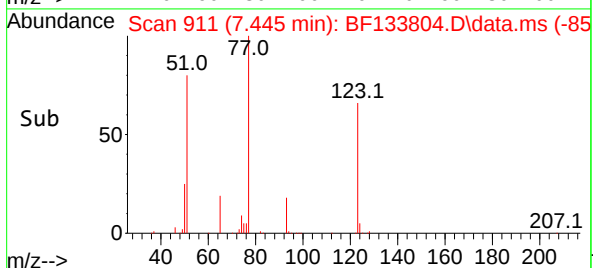
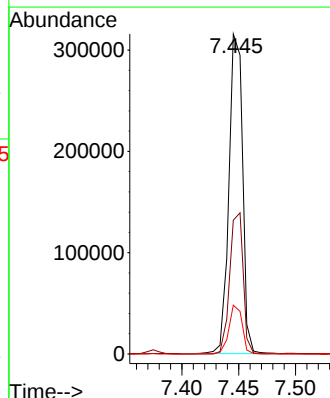
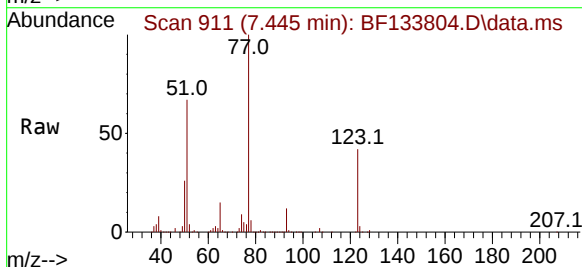
Tgt Ion: 77 Resp: 264873

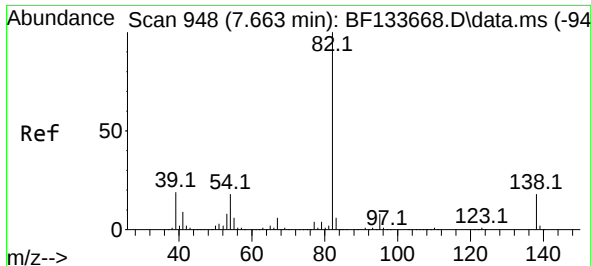
Ion Ratio Lower Upper

77 100

123 41.8 35.8 53.8

65 15.3 11.6 17.4

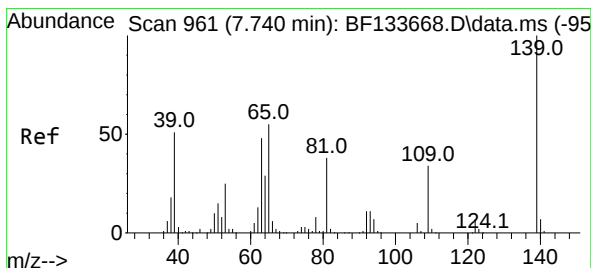
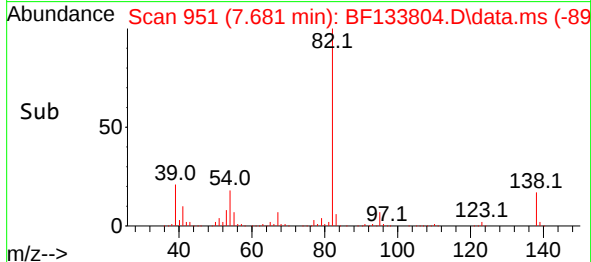
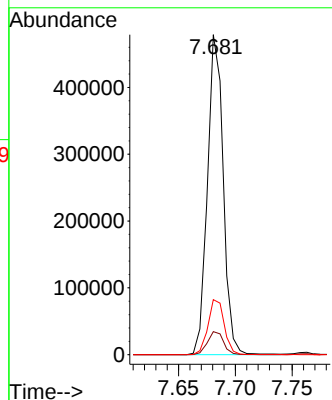
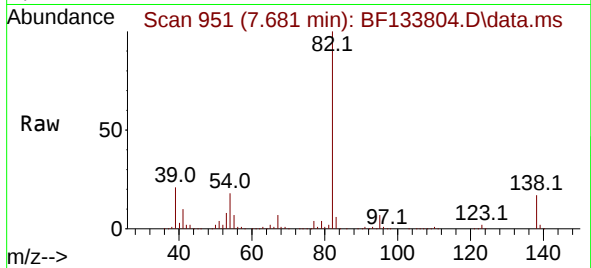




#25
Isophorone
Concen: 37.723 ng
RT: 7.681 min Scan# 91
Delta R.T. 0.029 min
Lab File: BF133804.D
Acq: 16 Jun 2023 13:37

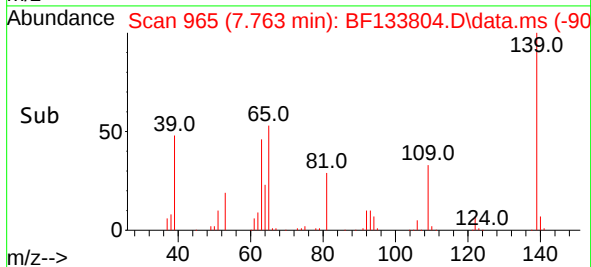
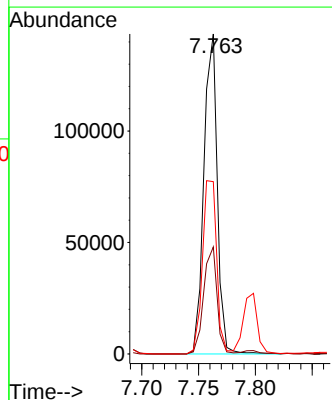
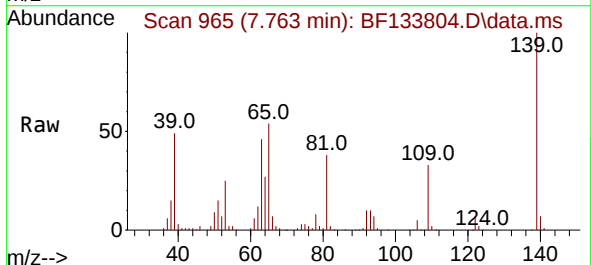
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

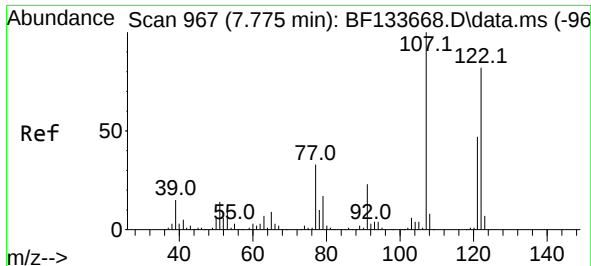
Tgt Ion: 82 Resp: 461248
Ion Ratio Lower Upper
82 100
95 7.2 6.0 9.0
138 17.2 14.2 21.2



#26
2-Nitrophenol
Concen: 38.939 ng
RT: 7.763 min Scan# 965
Delta R.T. 0.029 min
Lab File: BF133804.D
Acq: 16 Jun 2023 13:37

Tgt Ion:139 Resp: 117196
Ion Ratio Lower Upper
139 100
109 33.4 27.0 40.6
65 53.8 44.2 66.4

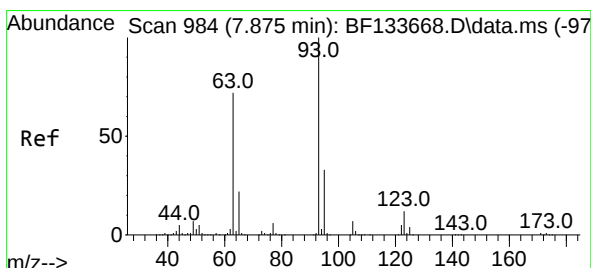
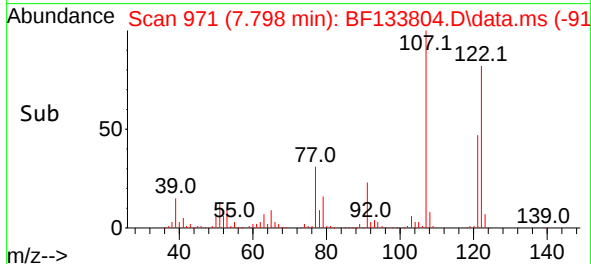
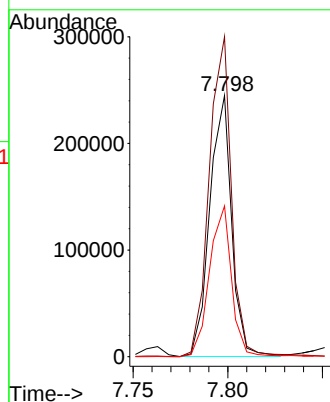
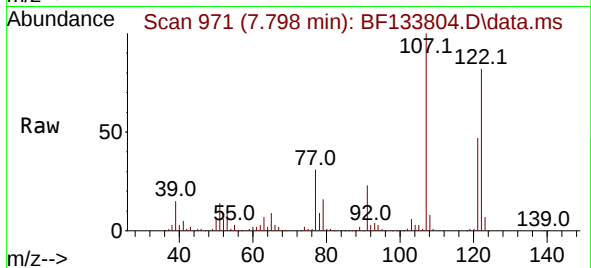




#27
2,4-Dimethylphenol
Concen: 37.894 ng
RT: 7.798 min Scan# 91
Delta R.T. 0.029 min
Lab File: BF133804.D
Acq: 16 Jun 2023 13:37

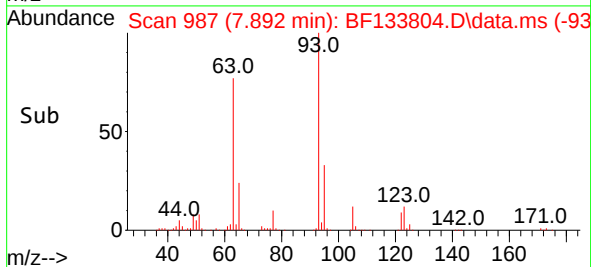
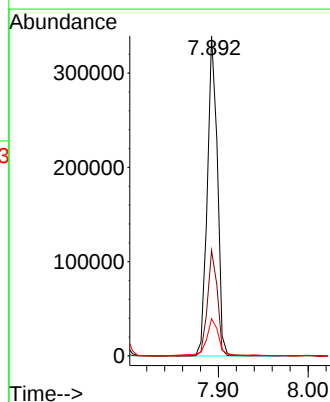
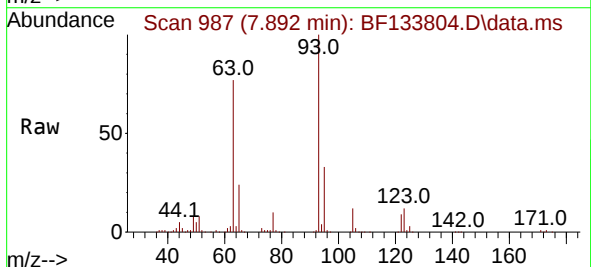
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

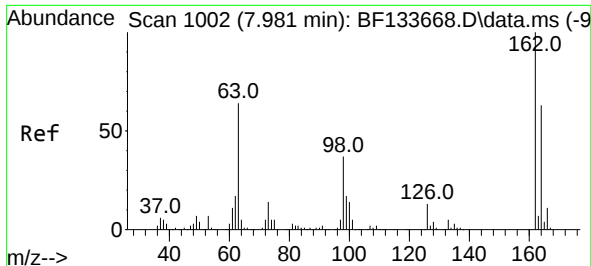
Tgt Ion:122 Resp: 196581
Ion Ratio Lower Upper
122 100
107 122.6 97.8 146.6
121 57.7 46.1 69.1



#28
bis(2-Chloroethoxy)methane
Concen: 37.467 ng
RT: 7.892 min Scan# 987
Delta R.T. 0.029 min
Lab File: BF133804.D
Acq: 16 Jun 2023 13:37

Tgt Ion: 93 Resp: 264782
Ion Ratio Lower Upper
93 100
95 33.0 26.4 39.6
123 11.7 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 37.870 ng

RT: 7.998 min Scan# 1005

Delta R.T. 0.029 min

Lab File: BF133804.D

Acq: 16 Jun 2023 13:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

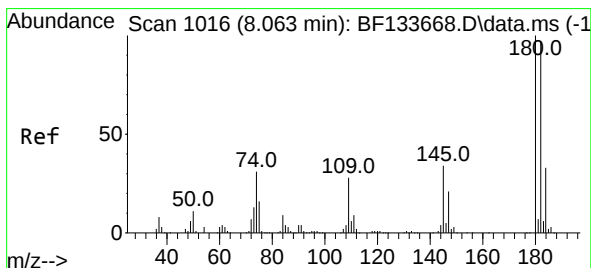
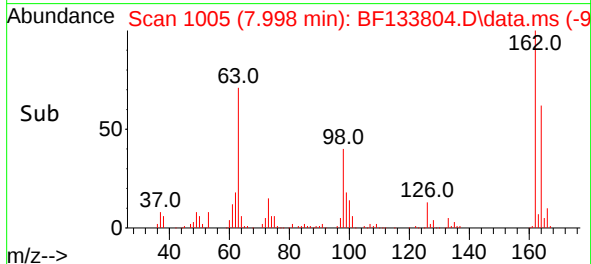
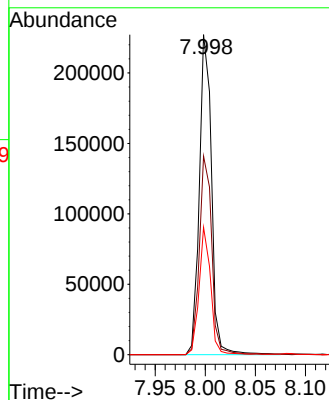
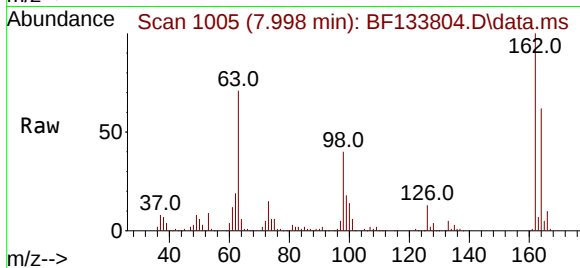
Tgt Ion:162 Resp: 192544

Ion Ratio Lower Upper

162 100

164 62.1 43.4 83.4

98 39.8 17.4 57.4



#30

1,2,4-Trichlorobenzene

Concen: 38.289 ng

RT: 8.086 min Scan# 1020

Delta R.T. 0.029 min

Lab File: BF133804.D

Acq: 16 Jun 2023 13:37

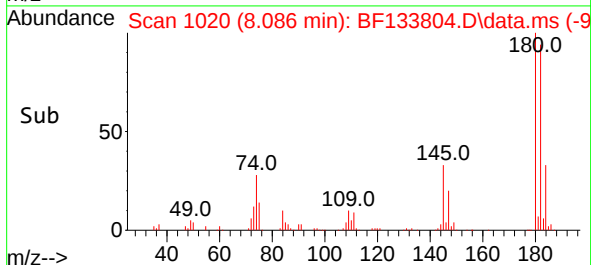
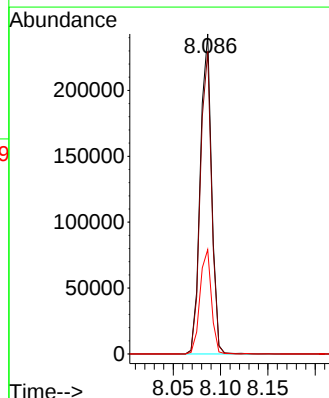
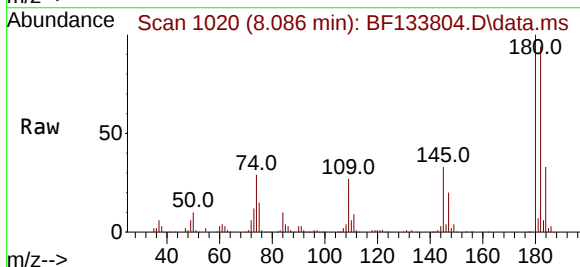
Tgt Ion:180 Resp: 203108

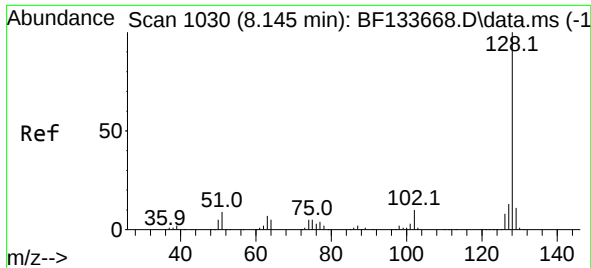
Ion Ratio Lower Upper

180 100

182 94.5 77.8 116.8

145 32.6 27.0 40.4

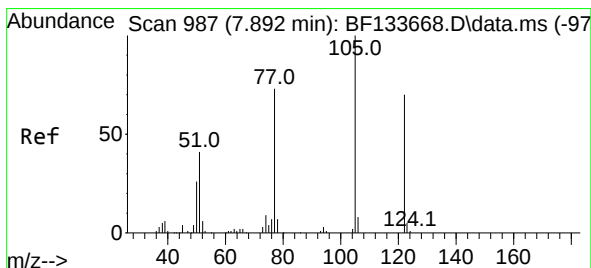
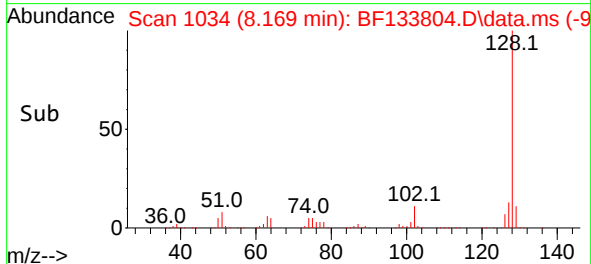
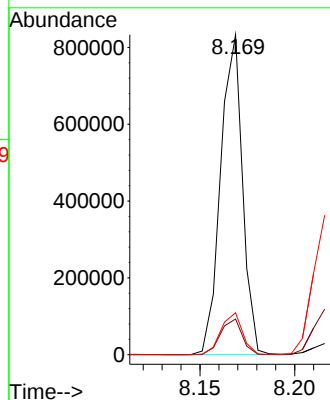
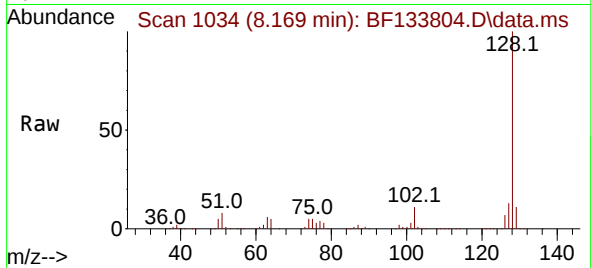




#31
Naphthalene
Concen: 37.928 ng
RT: 8.169 min Scan# 1034
Delta R.T. 0.029 min
Lab File: BF133804.D
Acq: 16 Jun 2023 13:37

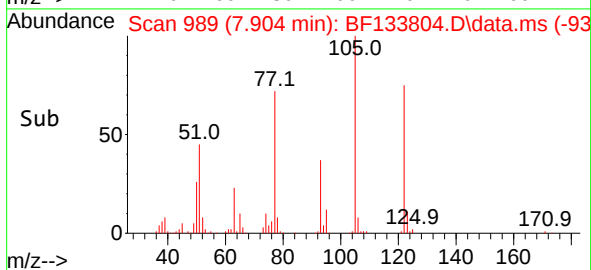
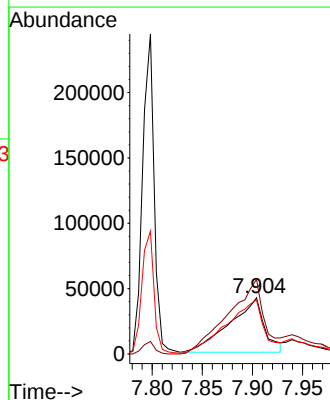
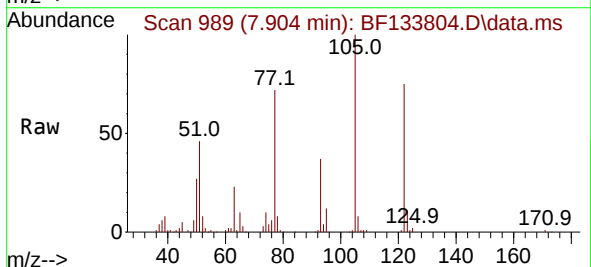
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

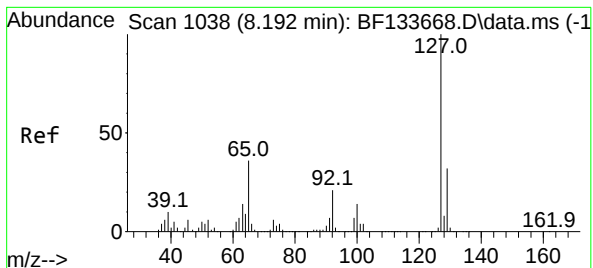
Tgt Ion:128 Resp: 670321
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.1 10.5 15.7



#32
Benzoic acid
Concen: 30.759 ng
RT: 7.904 min Scan# 989
Delta R.T. 0.023 min
Lab File: BF133804.D
Acq: 16 Jun 2023 13:37

Tgt Ion:122 Resp: 100636
Ion Ratio Lower Upper
122 100
105 132.8 116.3 156.3
77 96.1 82.4 122.4





#33

4-Chloroaniline

Concen: 37.735 ng

RT: 8.216 min Scan# 1042

Delta R.T. 0.029 min

Lab File: BF133804.D

Acq: 16 Jun 2023 13:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 285160

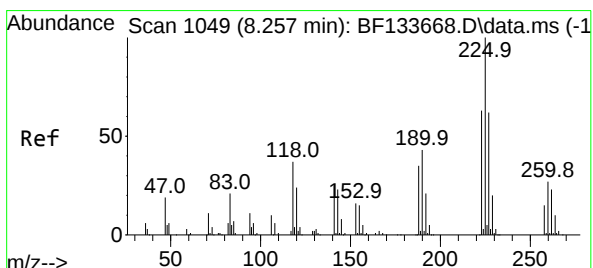
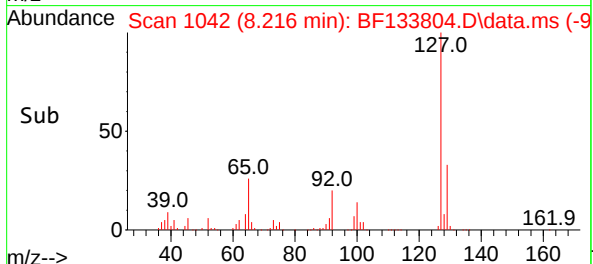
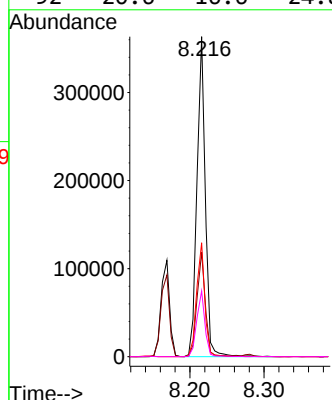
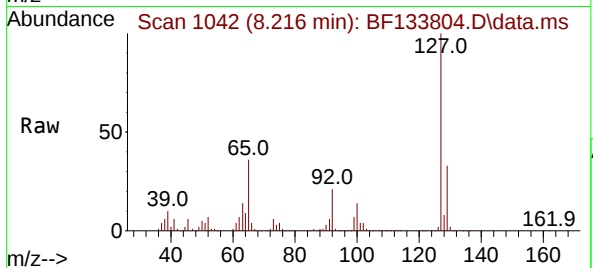
Ion Ratio Lower Upper

127 100

129 32.7 25.6 38.4

65 35.6 28.9 43.3

92 20.6 16.6 24.8



#34

Hexachlorobutadiene

Concen: 37.074 ng

RT: 8.281 min Scan# 1053

Delta R.T. 0.029 min

Lab File: BF133804.D

Acq: 16 Jun 2023 13:37

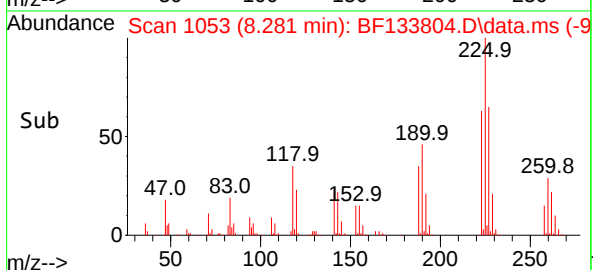
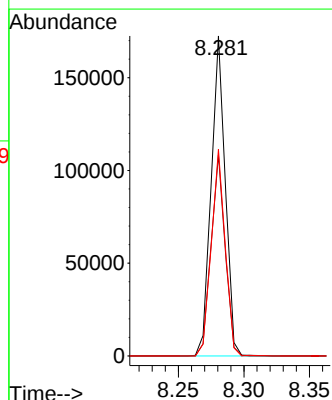
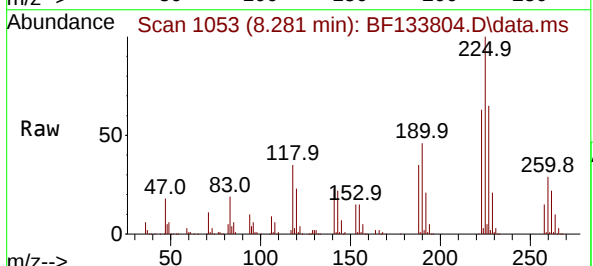
Tgt Ion:225 Resp: 128762

Ion Ratio Lower Upper

225 100

223 62.8 50.2 75.4

227 64.6 49.5 74.3

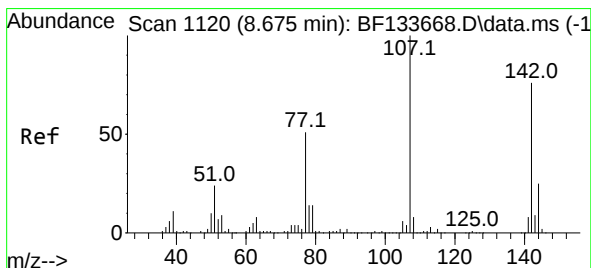
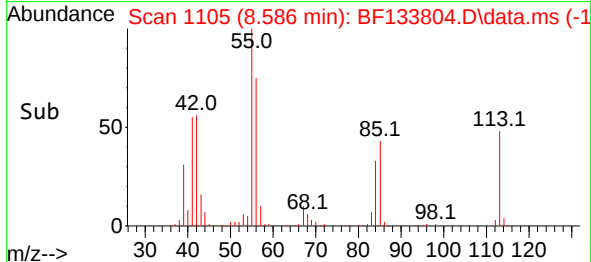
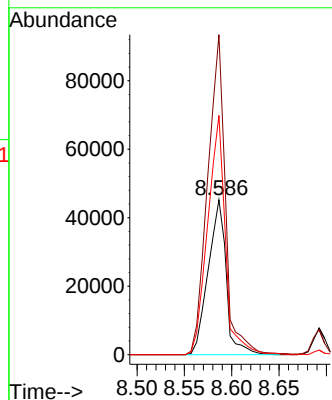
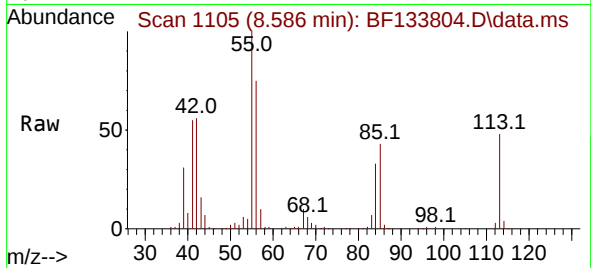




#35
Caprolactam
Concen: 34.873 ng
RT: 8.586 min Scan# 1105
Delta R.T. 0.023 min
Lab File: BF133804.D
Acq: 16 Jun 2023 13:37

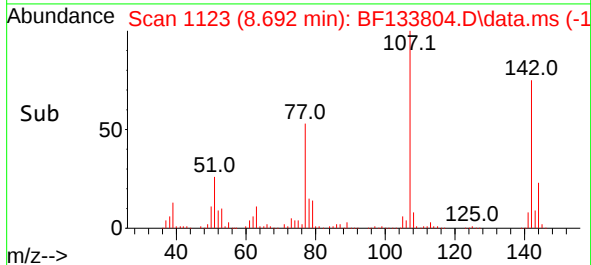
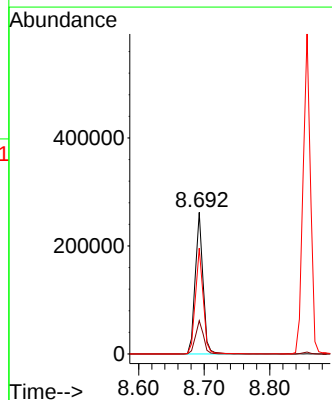
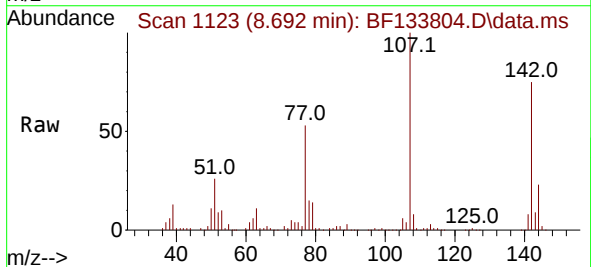
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

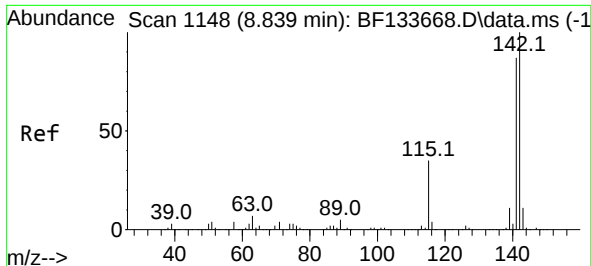
Tgt Ion:	113	Resp:	59661
Ion	Ratio	Lower	Upper
113	100		
55	206.6	173.3	213.3
56	154.4	120.5	160.5



#36
4-Chloro-3-methylphenol
Concen: 37.177 ng
RT: 8.692 min Scan# 1123
Delta R.T. 0.029 min
Lab File: BF133804.D
Acq: 16 Jun 2023 13:37

Tgt Ion:	107	Resp:	217876
Ion	Ratio	Lower	Upper
107	100		
144	23.4	19.7	29.5
142	74.6	61.1	91.7





#37

2-Methylnaphthalene

Concen: 37.570 ng

RT: 8.857 min Scan# 1151

Delta R.T. 0.029 min

Lab File: BF133804.D

Acq: 16 Jun 2023 13:37

Instrument :

BNA_F

ClientSampleId :

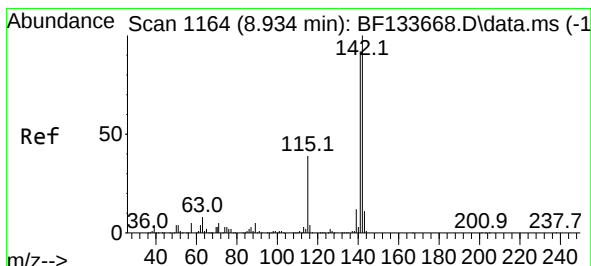
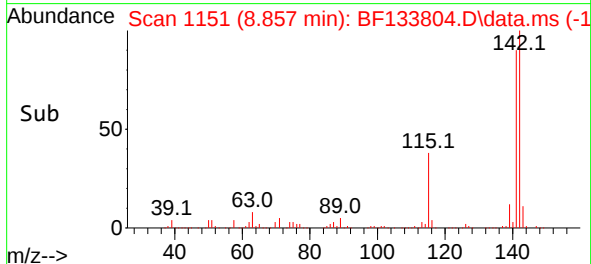
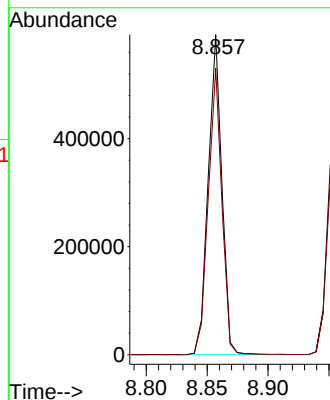
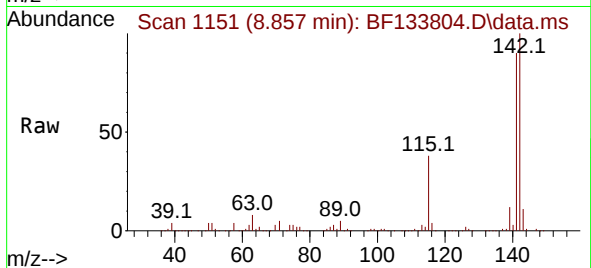
SSTDCCC040

Tgt Ion:142 Resp: 461354

Ion Ratio Lower Upper

142 100

141 89.5 69.8 104.8



#38

1-Methylnaphthalene

Concen: 38.050 ng

RT: 8.957 min Scan# 1168

Delta R.T. 0.029 min

Lab File: BF133804.D

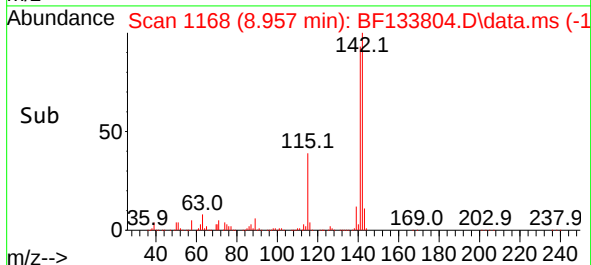
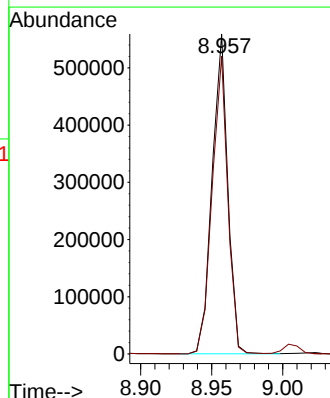
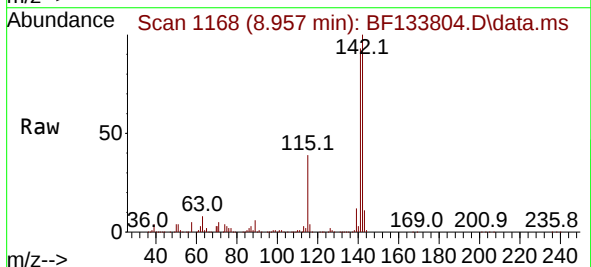
Acq: 16 Jun 2023 13:37

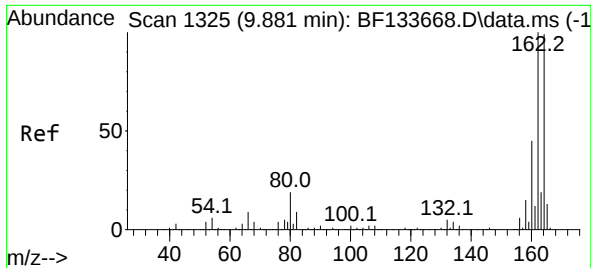
Tgt Ion:142 Resp: 429963

Ion Ratio Lower Upper

142 100

141 93.0 73.4 110.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1179

Delta R.T. 0.035 min

Lab File: BF133804.D

Acq: 16 Jun 2023 13:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

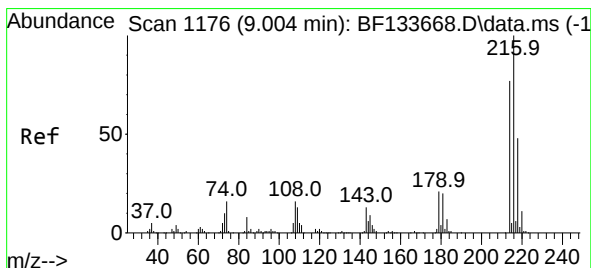
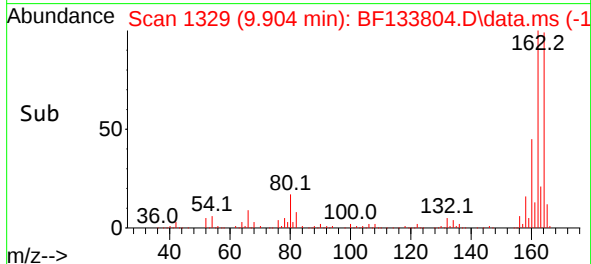
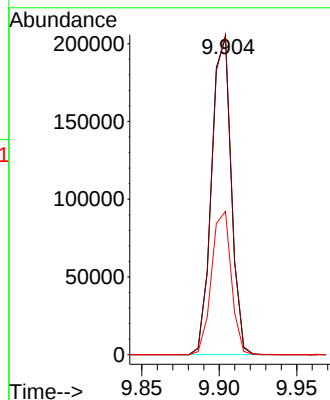
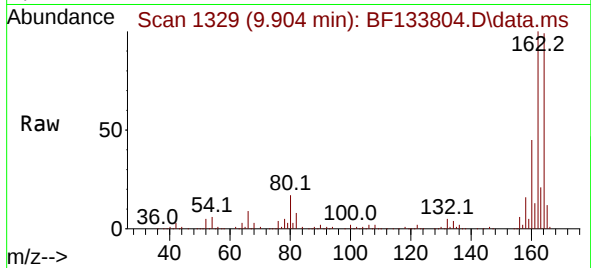
Tgt Ion:164 Resp: 180302

Ion Ratio Lower Upper

164 100

162 101.0 80.8 121.2

160 45.3 36.7 55.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.905 ng

RT: 9.022 min Scan# 1179

Delta R.T. 0.029 min

Lab File: BF133804.D

Acq: 16 Jun 2023 13:37

Tgt Ion:216 Resp: 207771

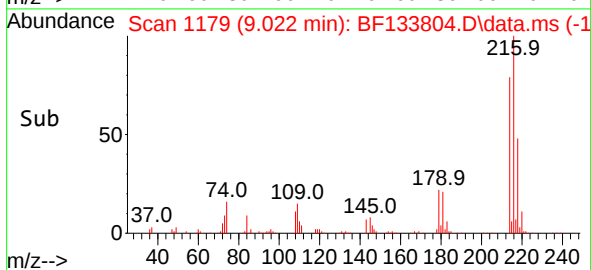
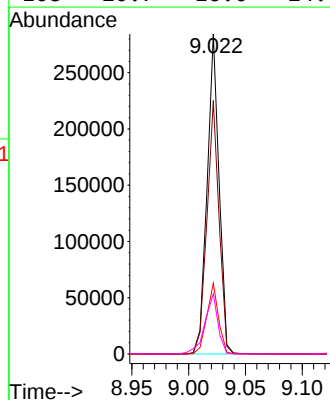
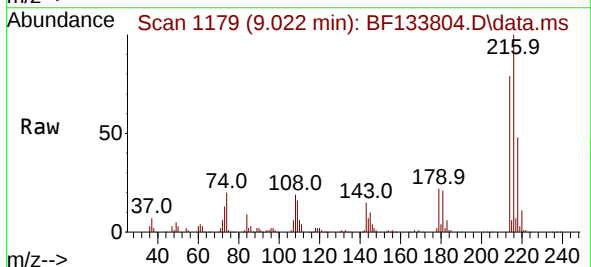
Ion Ratio Lower Upper

216 100

214 80.2 62.7 94.1

179 21.7 17.6 26.4

108 20.7 16.0 24.0

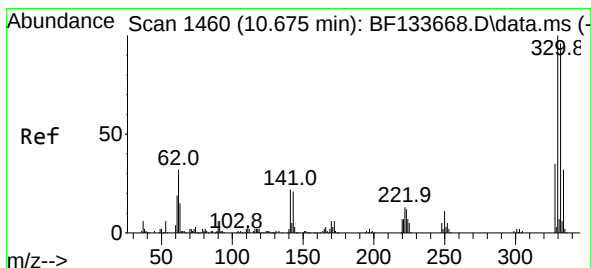
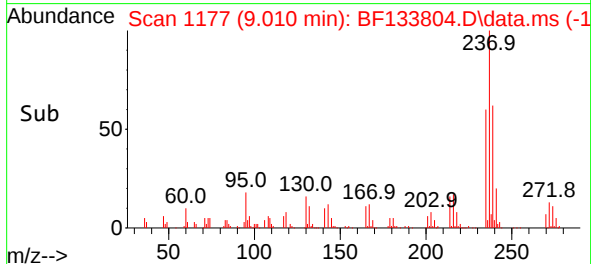
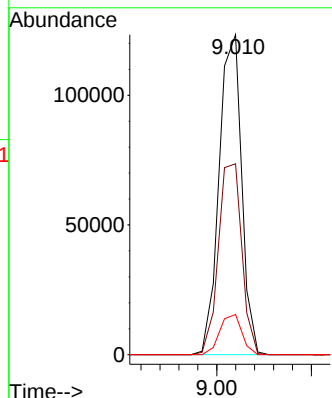
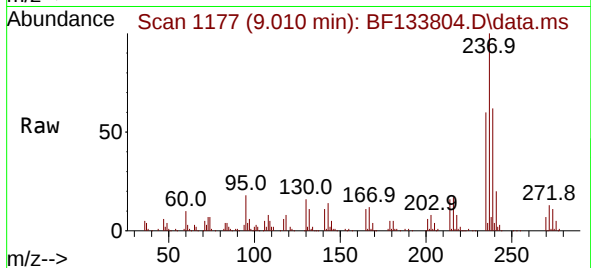




#41
Hexachlorocyclopentadiene
Concen: 41.838 ng
RT: 9.010 min Scan# 1177
Delta R.T. 0.029 min
Lab File: BF133804.D
Acq: 16 Jun 2023 13:37

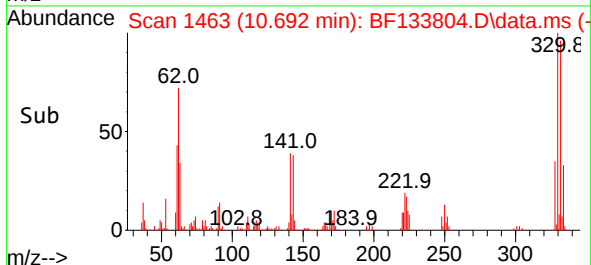
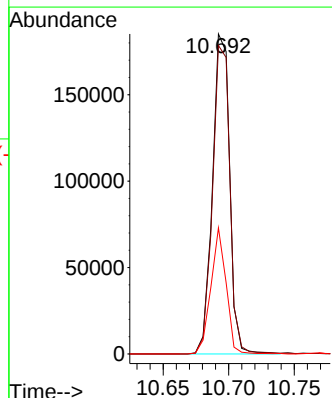
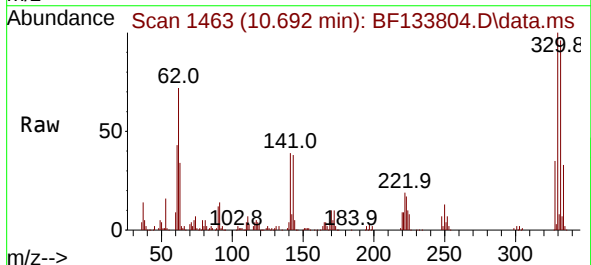
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:237 Resp: 102195
Ion Ratio Lower Upper
237 100
235 59.6 40.6 80.6
272 12.6 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 73.943 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.029 min
Lab File: BF133804.D
Acq: 16 Jun 2023 13:37

Tgt Ion:330 Resp: 168761
Ion Ratio Lower Upper
330 100
332 97.6 77.2 115.8
141 35.0 24.9 37.3

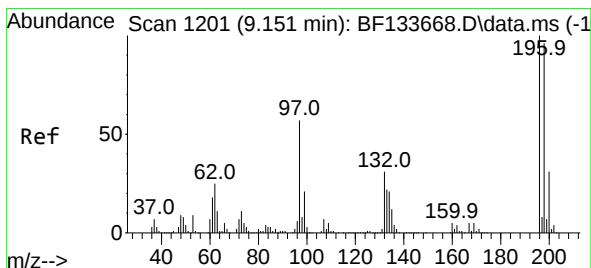
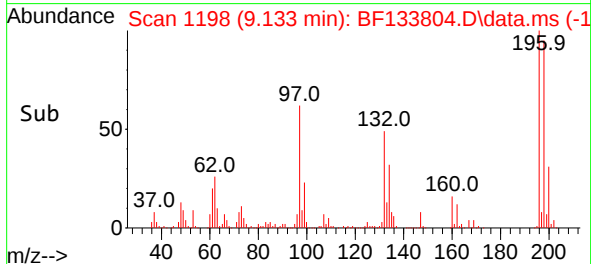
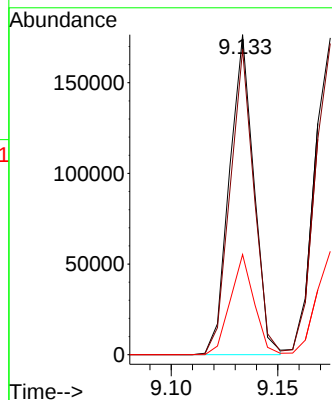
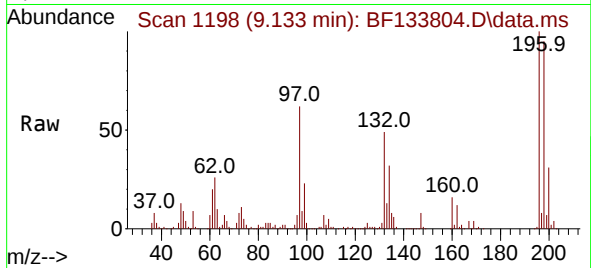




#43
2,4,6-Trichlorophenol
Concen: 38.393 ng
RT: 9.133 min Scan# 1194
Delta R.T. 0.029 min
Lab File: BF133804.D
Acq: 16 Jun 2023 13:37

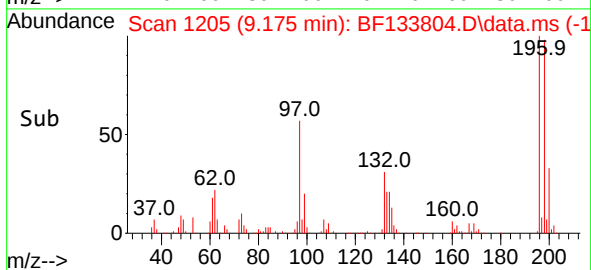
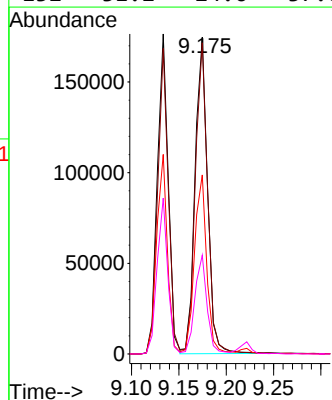
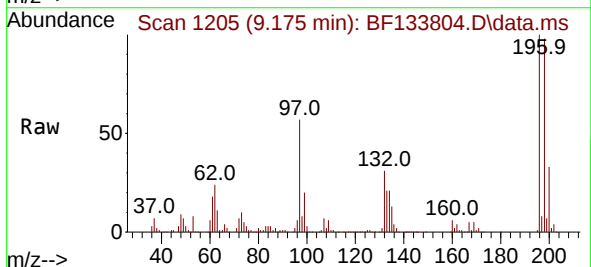
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

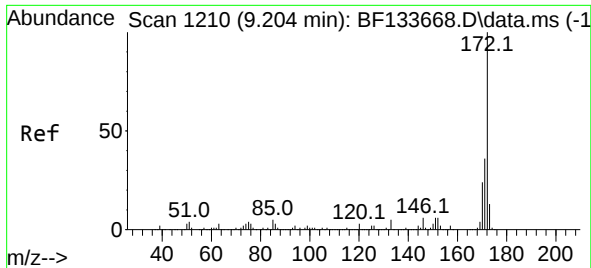
Tgt Ion:196 Resp: 140627
Ion Ratio Lower Upper
196 100
198 95.5 74.5 111.7
200 31.3 22.9 34.3



#44
2,4,5-Trichlorophenol
Concen: 37.683 ng
RT: 9.175 min Scan# 1205
Delta R.T. 0.029 min
Lab File: BF133804.D
Acq: 16 Jun 2023 13:37

Tgt Ion:196 Resp: 160577
Ion Ratio Lower Upper
196 100
198 98.2 76.8 115.2
97 56.5 45.4 68.2
132 31.2 24.6 37.0

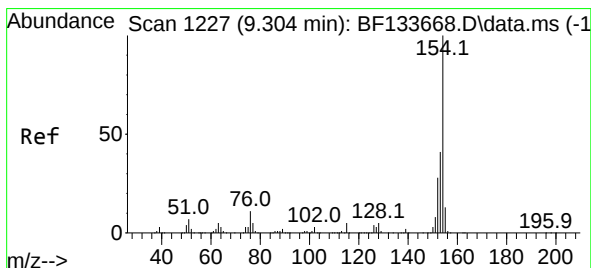
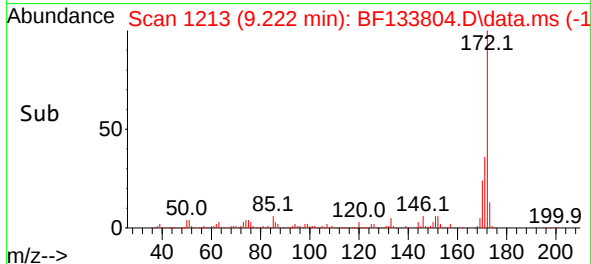
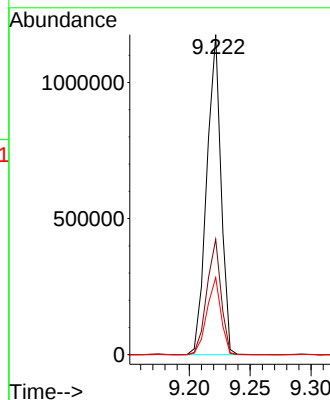
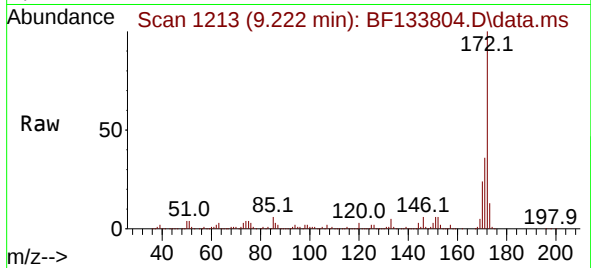




#45
2-Fluorobiphenyl
Concen: 75.639 ng
RT: 9.222 min Scan# 11
Delta R.T. 0.029 min
Lab File: BF133804.D
Acq: 16 Jun 2023 13:37

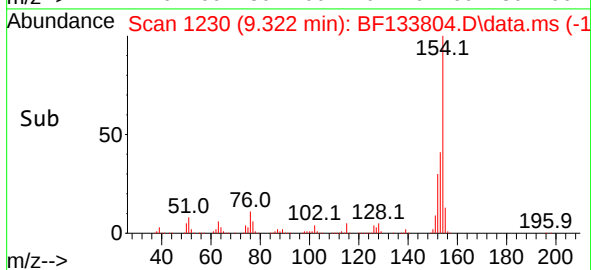
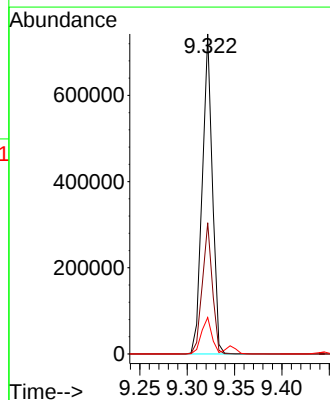
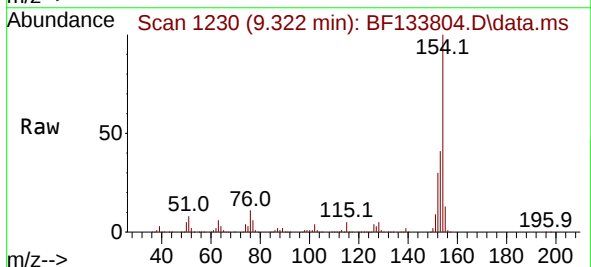
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BNA_F
ClientSampleId :
SSTDCCC040

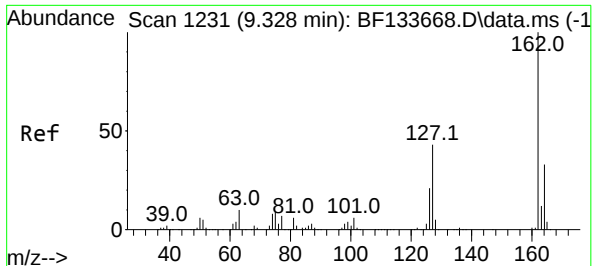
Tgt Ion:172 Resp: 959391
Ion Ratio Lower Upper
172 100
171 36.0 28.6 43.0
170 24.1 19.1 28.7



#46
1,1'-Biphenyl
Concen: 38.120 ng
RT: 9.322 min Scan# 1230
Delta R.T. 0.029 min
Lab File: BF133804.D
Acq: 16 Jun 2023 13:37

Tgt Ion:154 Resp: 554327
Ion Ratio Lower Upper
154 100
153 41.0 20.6 60.6
76 11.4 0.0 31.0

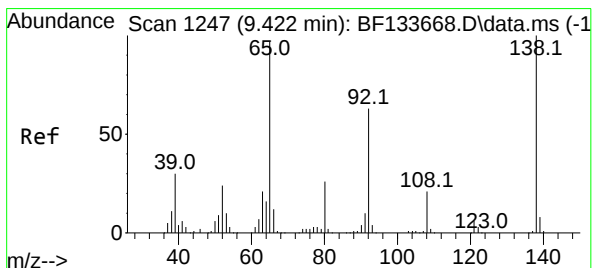
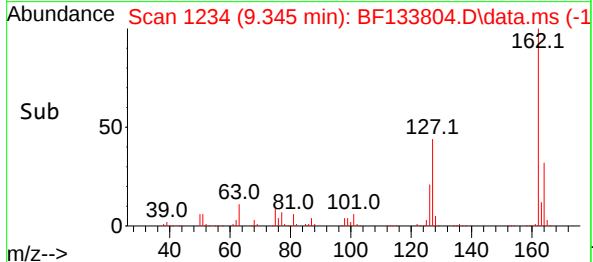
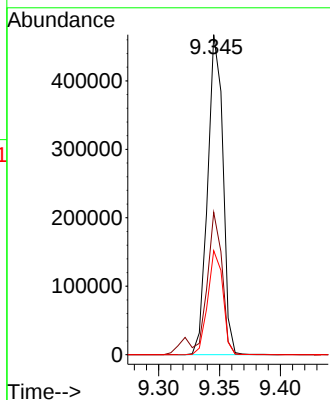
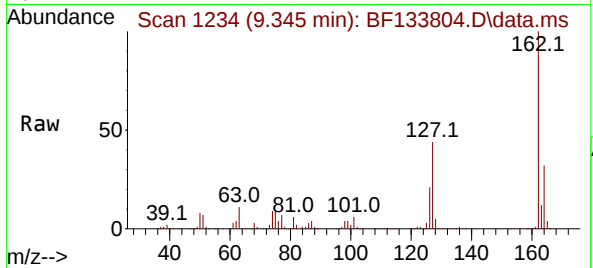




#47
2-Chloronaphthalene
Concen: 38.927 ng
RT: 9.345 min Scan# 1231
Delta R.T. 0.029 min
Lab File: BF133804.D
Acq: 16 Jun 2023 13:37

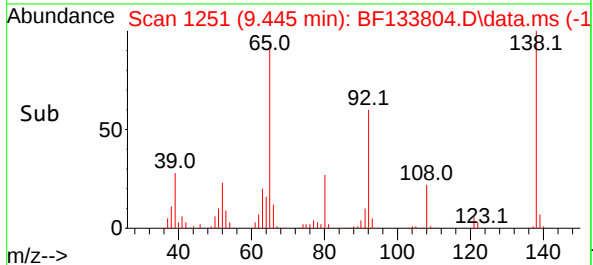
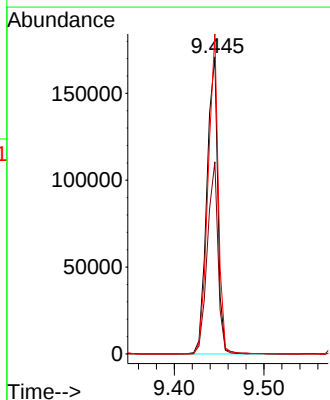
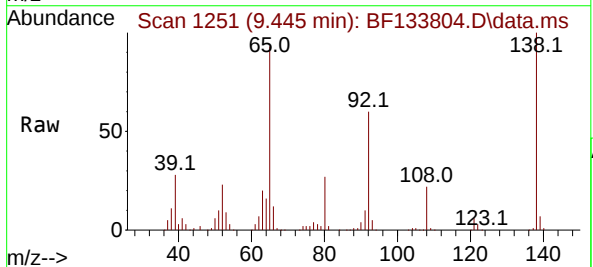
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

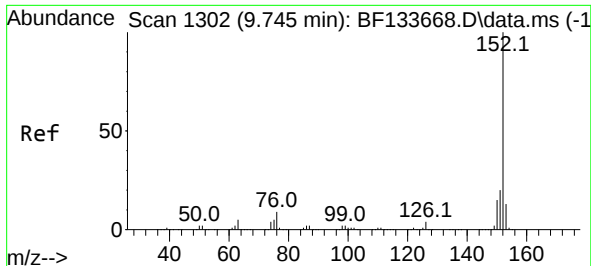
Tgt Ion:162 Resp: 406046
Ion Ratio Lower Upper
162 100
127 44.5 34.6 52.0
164 32.5 26.4 39.6



#48
2-Nitroaniline
Concen: 38.130 ng
RT: 9.445 min Scan# 1251
Delta R.T. 0.029 min
Lab File: BF133804.D
Acq: 16 Jun 2023 13:37

Tgt Ion: 65 Resp: 145459
Ion Ratio Lower Upper
65 100
92 64.7 51.8 77.6
138 107.7 82.1 123.1





#49

Acenaphthylene

Concen: 38.233 ng

RT: 9.763 min Scan# 11

Delta R.T. 0.029 min

Lab File: BF133804.D

Acq: 16 Jun 2023 13:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

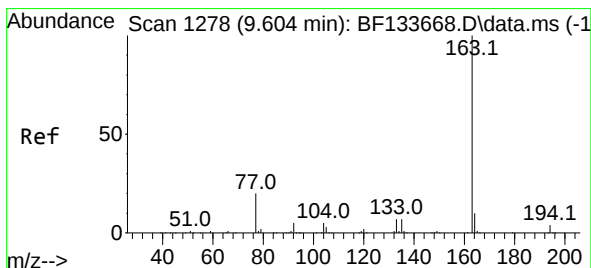
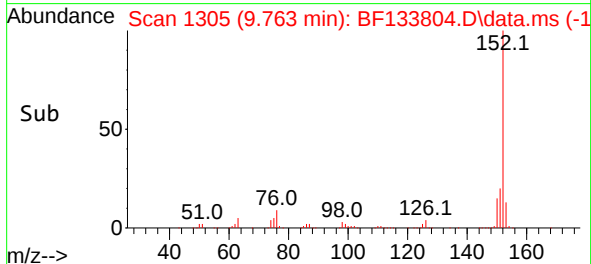
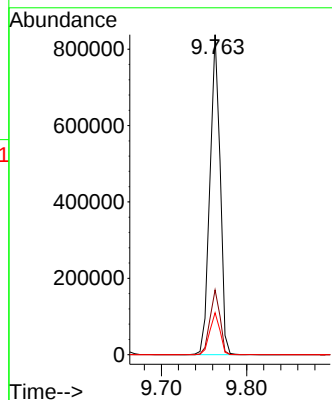
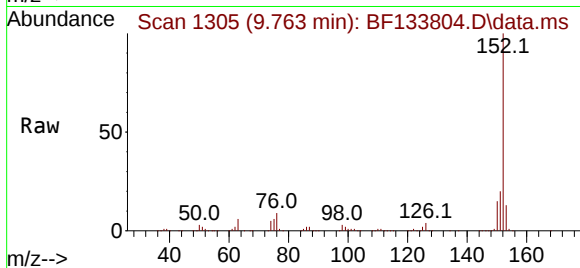
Tgt Ion:152 Resp: 694129

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.4

153 13.1 10.4 15.6



#50

Dimethylphthalate

Concen: 37.561 ng

RT: 9.622 min Scan# 1281

Delta R.T. 0.029 min

Lab File: BF133804.D

Acq: 16 Jun 2023 13:37

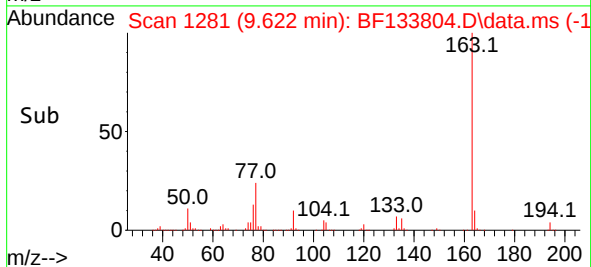
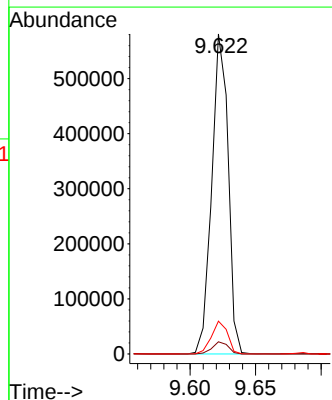
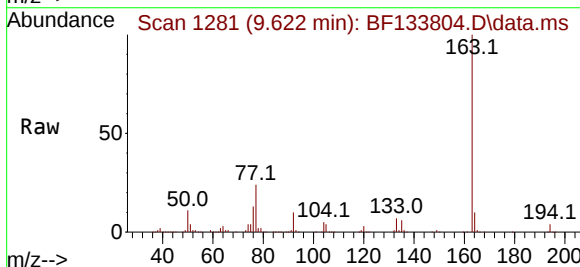
Tgt Ion:163 Resp: 505499

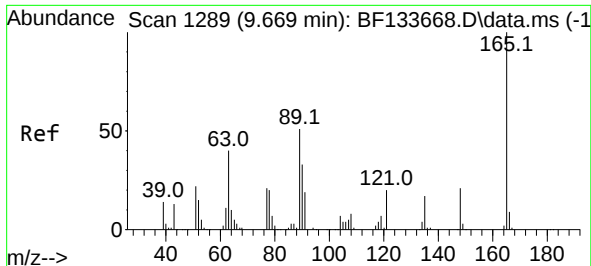
Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

164 10.3 8.0 12.0

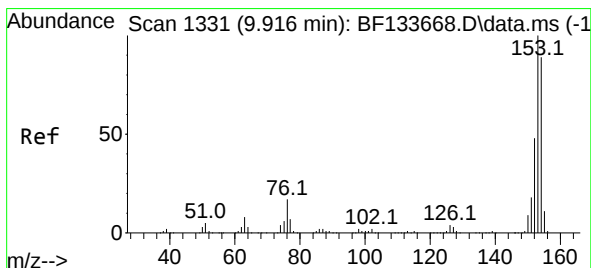
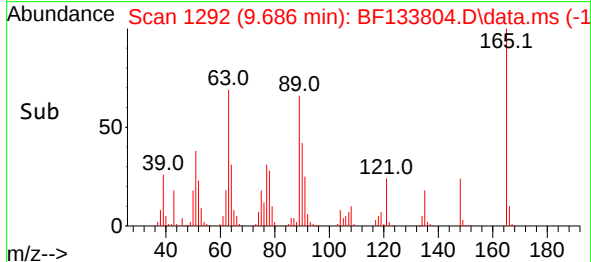
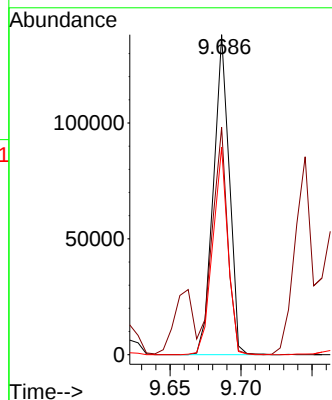
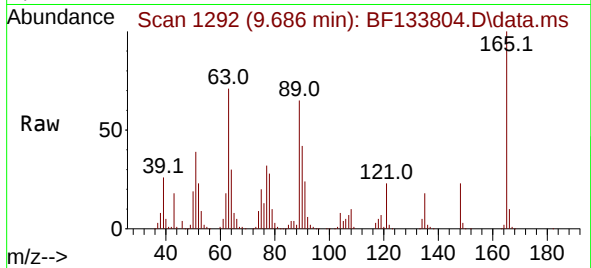




#51
2,6-Dinitrotoluene
Concen: 38.579 ng
RT: 9.686 min Scan# 11
Delta R.T. 0.029 min
Lab File: BF133804.D
Acq: 16 Jun 2023 13:37

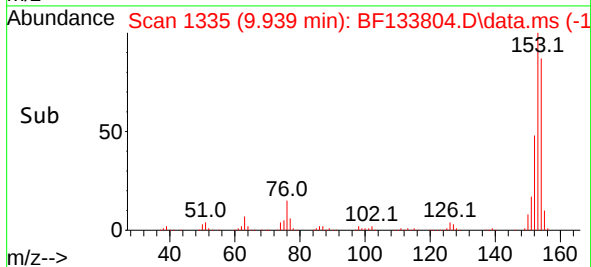
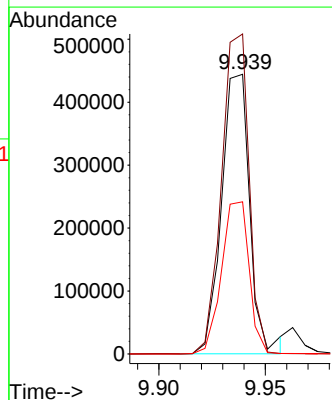
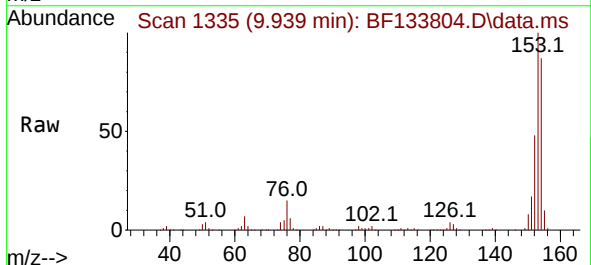
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

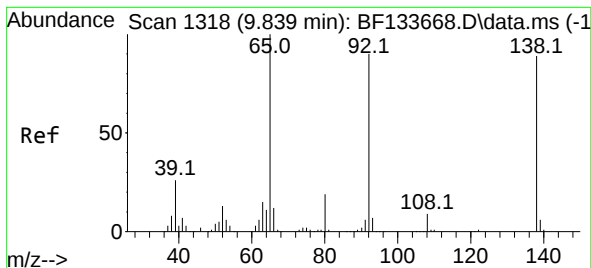
Tgt Ion:165 Resp: 107168
Ion Ratio Lower Upper
165 100
63 71.0 42.1 63.1#
89 64.9 40.9 61.3#



#52
Acenaphthene
Concen: 38.584 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.035 min
Lab File: BF133804.D
Acq: 16 Jun 2023 13:37

Tgt Ion:154 Resp: 410028
Ion Ratio Lower Upper
154 100
153 114.4 89.8 134.8
152 54.4 43.4 65.2





#53

3-Nitroaniline

Concen: 37.487 ng

RT: 9.857 min Scan# 1321

Delta R.T. 0.029 min

Lab File: BF133804.D

Acq: 16 Jun 2023 13:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

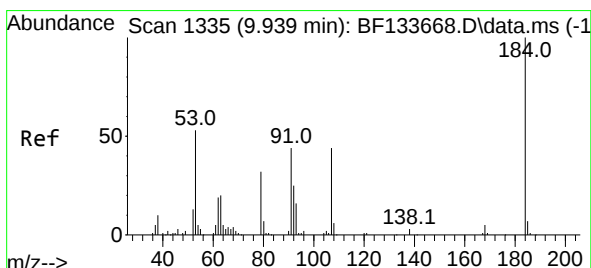
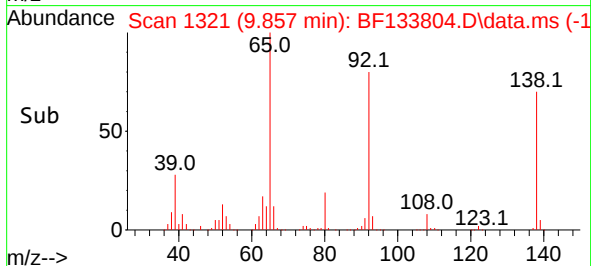
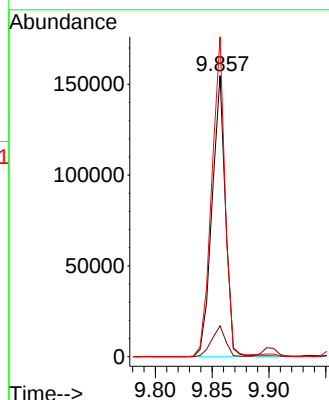
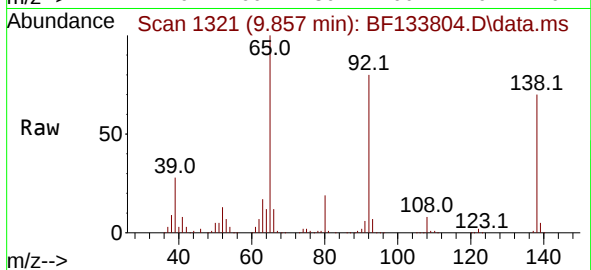
Tgt Ion:138 Resp: 126723

Ion Ratio Lower Upper

138 100

108 11.0 8.2 12.4

92 113.8 81.0 121.6



#54

2,4-Dinitrophenol

Concen: 39.465 ng

RT: 9.963 min Scan# 1339

Delta R.T. 0.029 min

Lab File: BF133804.D

Acq: 16 Jun 2023 13:37

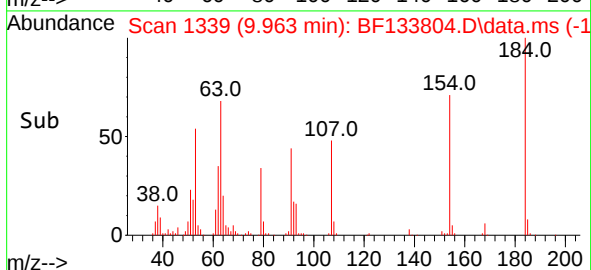
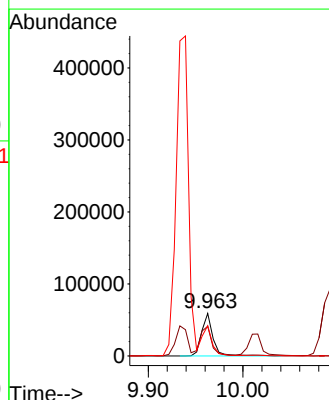
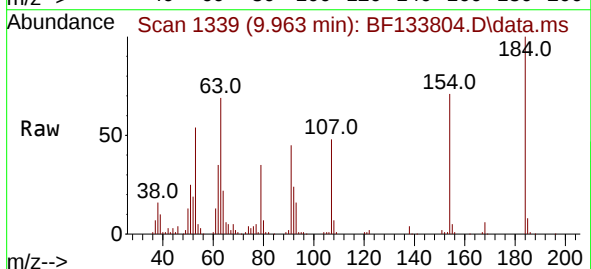
Tgt Ion:184 Resp: 49337

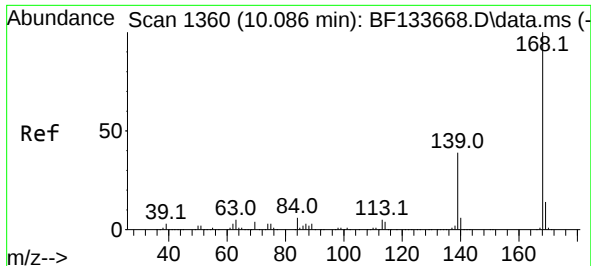
Ion Ratio Lower Upper

184 100

63 69.4 55.3 82.9

154 70.9 51.9 77.9

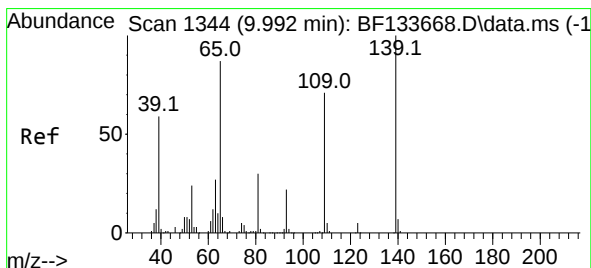
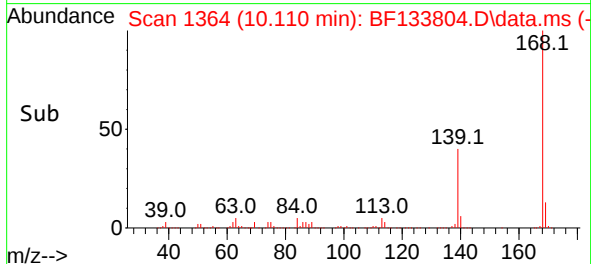
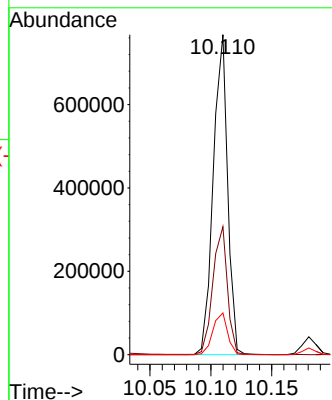
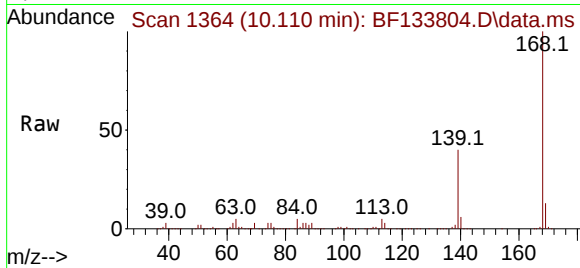




#55
Dibenzofuran
Concen: 38.897 ng
RT: 10.110 min Scan# 11
Delta R.T. 0.029 min
Lab File: BF133804.D
Acq: 16 Jun 2023 13:37

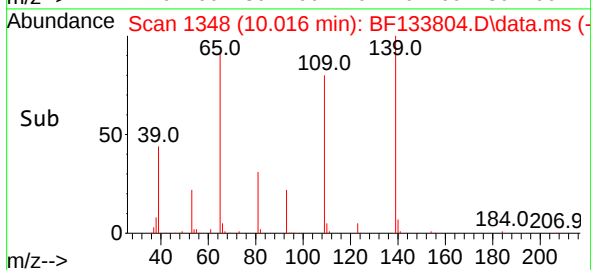
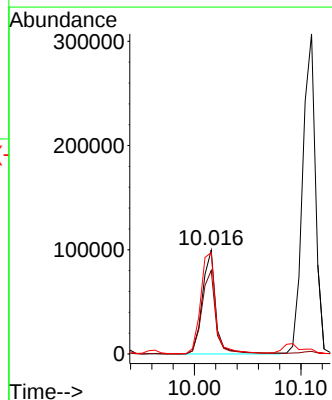
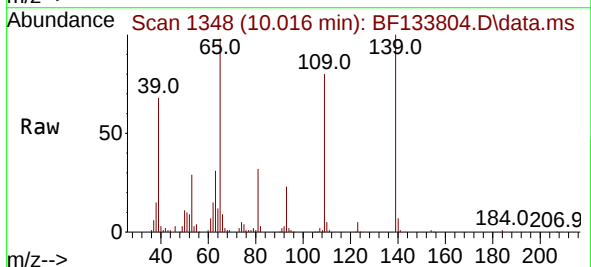
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

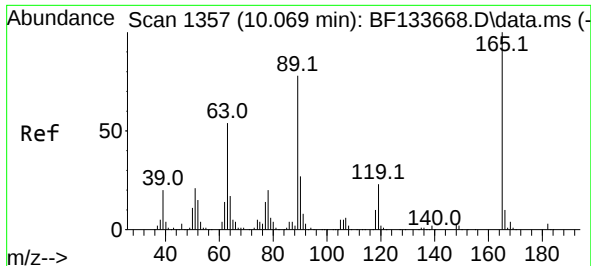
Tgt Ion:168 Resp: 630734
Ion Ratio Lower Upper
168 100
139 40.0 30.9 46.3
169 13.1 10.9 16.3



#56
4-Nitrophenol
Concen: 38.304 ng
RT: 10.016 min Scan# 1348
Delta R.T. 0.035 min
Lab File: BF133804.D
Acq: 16 Jun 2023 13:37

Tgt Ion:139 Resp: 87389
Ion Ratio Lower Upper
139 100
109 80.4 50.7 90.7
65 97.6 67.1 107.1

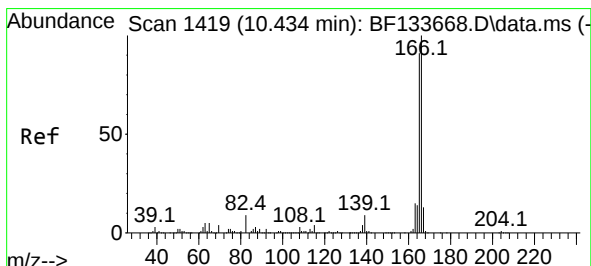
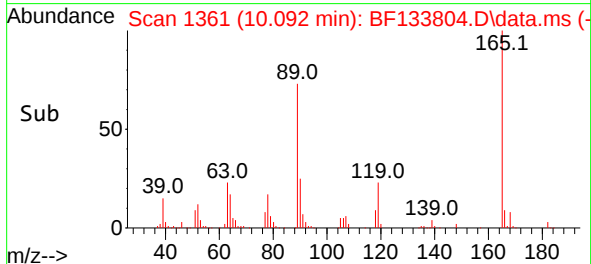
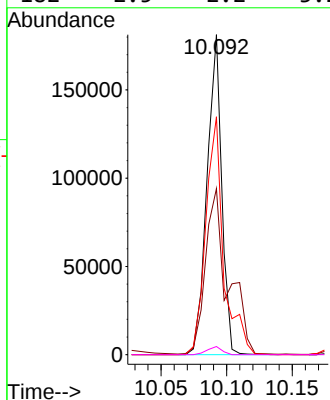
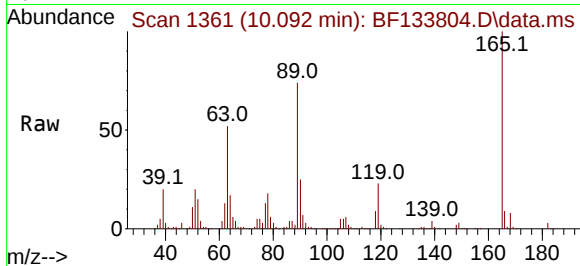




#57
2,4-Dinitrotoluene
Concen: 40.125 ng
RT: 10.092 min Scan# 1417
Delta R.T. 0.029 min
Lab File: BF133804.D
Acq: 16 Jun 2023 13:37

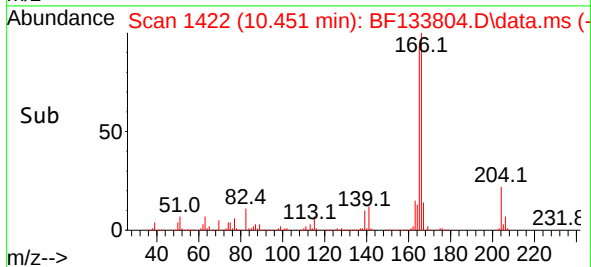
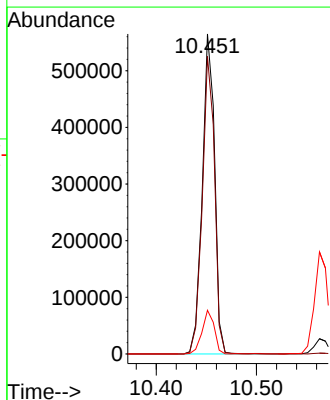
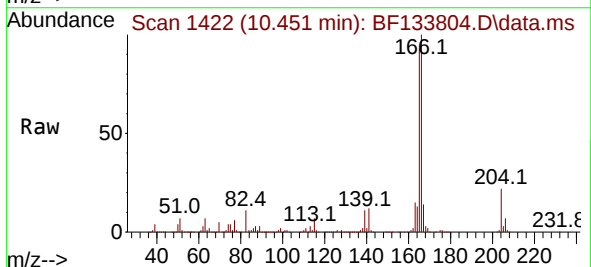
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 141759
Ion Ratio Lower Upper
165 100
63 51.9 43.0 64.6
89 74.4 62.6 93.8
182 2.5 2.2 3.2



#58
Fluorene
Concen: 39.122 ng
RT: 10.451 min Scan# 1422
Delta R.T. 0.029 min
Lab File: BF133804.D
Acq: 16 Jun 2023 13:37

Tgt Ion:166 Resp: 485128
Ion Ratio Lower Upper
166 100
165 92.9 73.1 109.7
167 13.6 10.5 15.7

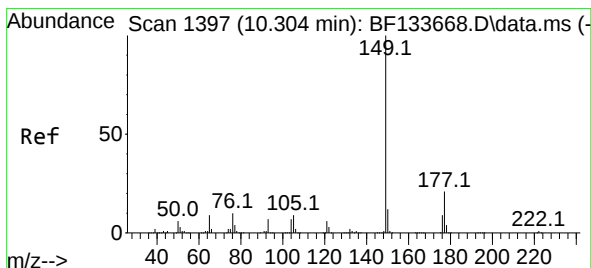
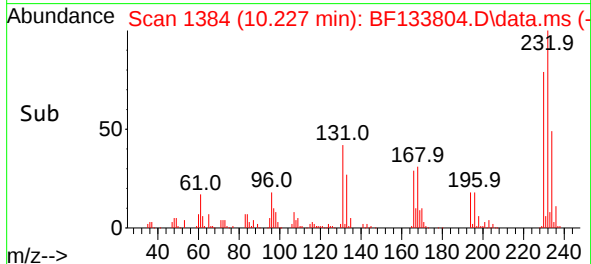
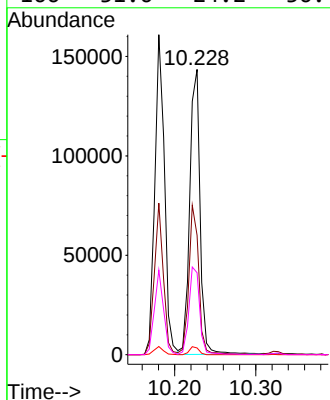
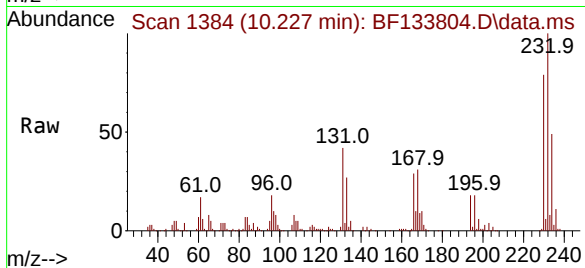




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.968 ng
RT: 10.227 min Scan# 1400
Delta R.T. 0.035 min
Lab File: BF133804.D
Acq: 16 Jun 2023 13:37

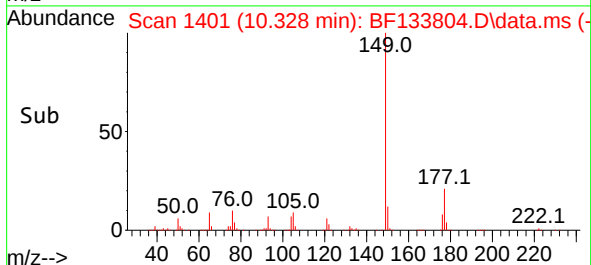
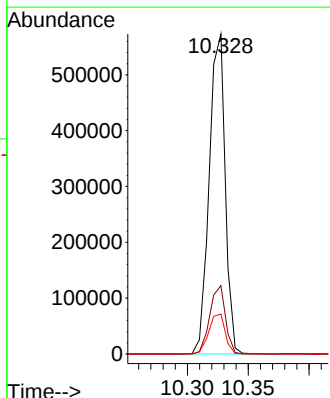
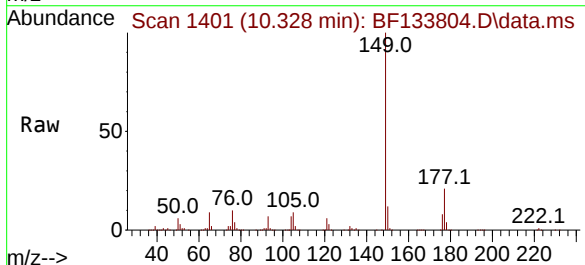
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

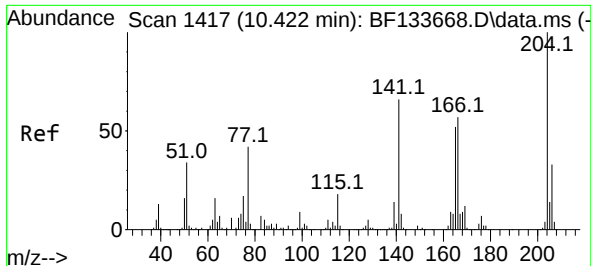
Tgt Ion:232 Resp: 127513
Ion Ratio Lower Upper
232 100
131 49.6 38.0 57.0
130 2.5 1.8 2.8
166 31.6 24.2 36.4



#60
Diethylphthalate
Concen: 38.333 ng
RT: 10.328 min Scan# 1401
Delta R.T. 0.035 min
Lab File: BF133804.D
Acq: 16 Jun 2023 13:37

Tgt Ion:149 Resp: 525057
Ion Ratio Lower Upper
149 100
177 21.4 17.0 25.6
150 12.5 10.0 15.0

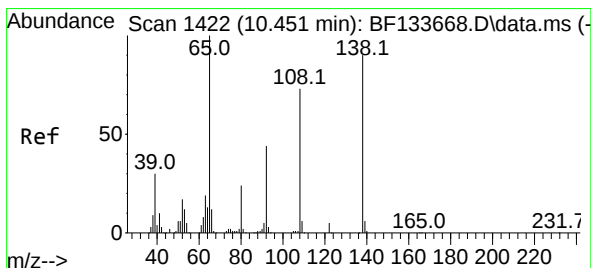
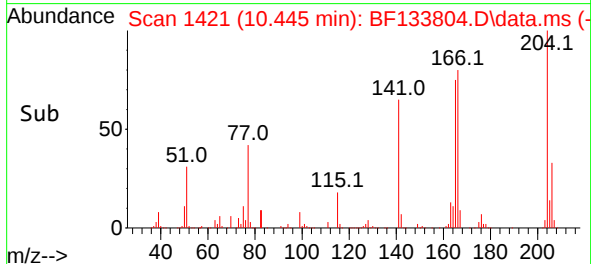
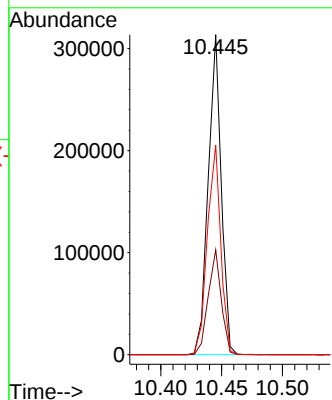
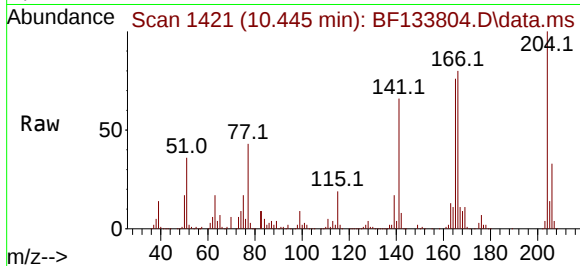




#61
4-Chlorophenyl-phenylether
Concen: 38.088 ng
RT: 10.445 min Scan# 1417
Delta R.T. 0.035 min
Lab File: BF133804.D
Acq: 16 Jun 2023 13:37

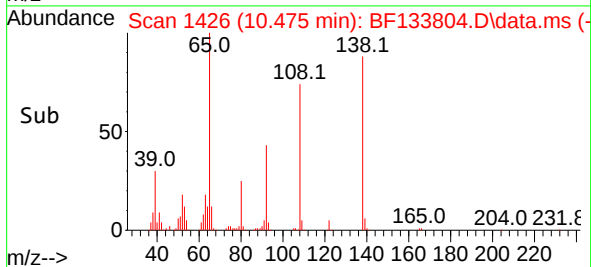
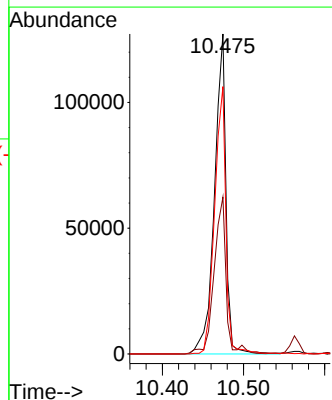
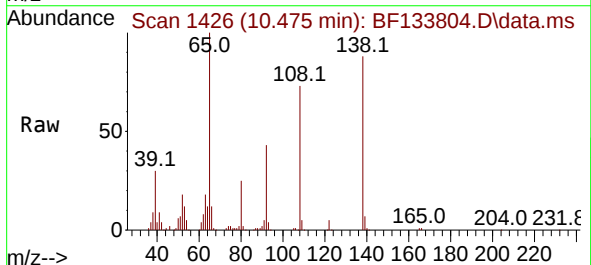
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 233164
Ion Ratio Lower Upper
204 100
206 32.8 26.4 39.6
141 65.5 52.8 79.2



#62
4-Nitroaniline
Concen: 37.643 ng
RT: 10.475 min Scan# 1426
Delta R.T. 0.035 min
Lab File: BF133804.D
Acq: 16 Jun 2023 13:37

Tgt Ion:138 Resp: 124768
Ion Ratio Lower Upper
138 100
92 49.0 28.9 68.9
108 83.6 61.0 101.0





#63

Azobenzene

Concen: 38.642 ng

RT: 10.604 min Scan# 1448

Delta R.T. 0.029 min

Lab File: BF133804.D

Acq: 16 Jun 2023 13:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 501054

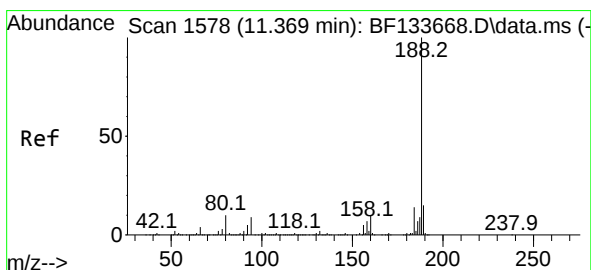
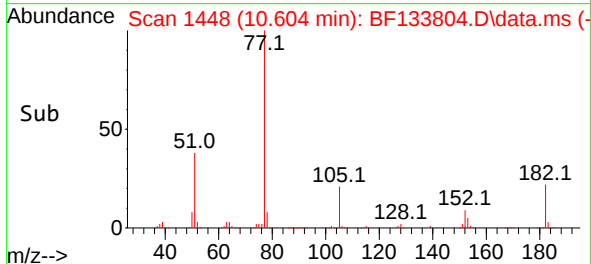
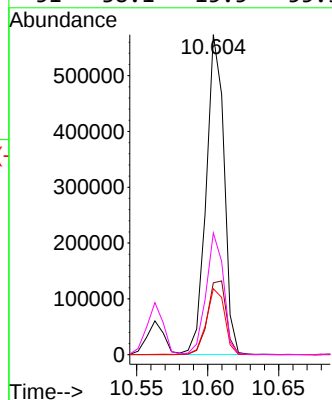
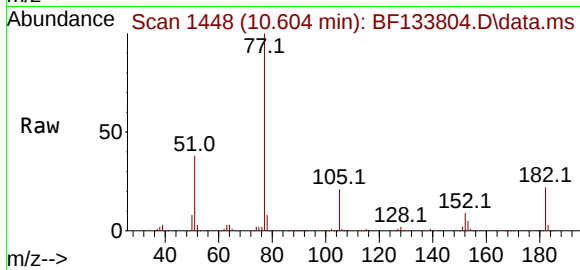
Ion Ratio Lower Upper

77 100

182 22.4 1.6 41.6

105 20.6 1.6 41.6

51 38.1 15.5 55.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1582

Delta R.T. 0.035 min

Lab File: BF133804.D

Acq: 16 Jun 2023 13:37

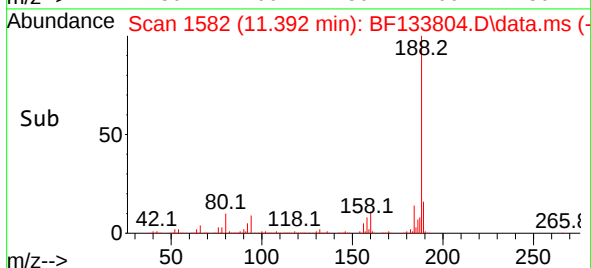
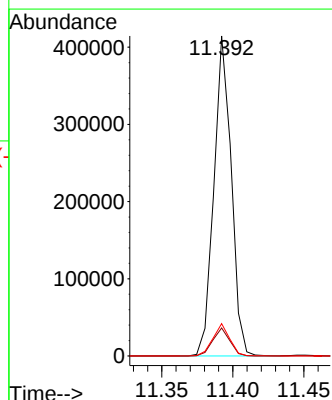
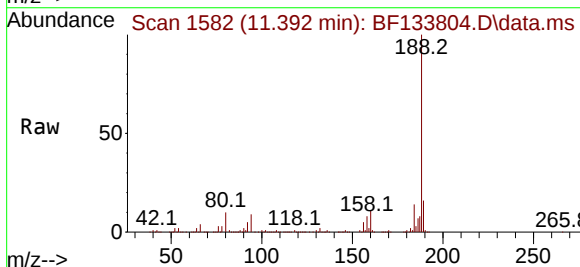
Tgt Ion: 188 Resp: 351498

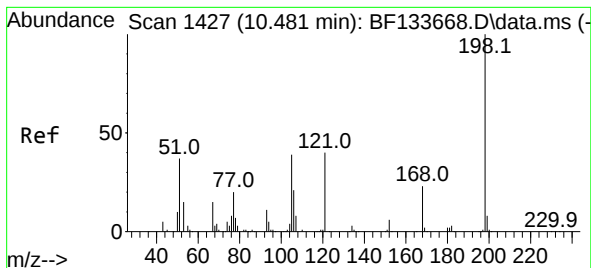
Ion Ratio Lower Upper

188 100

94 8.7 6.8 10.2

80 10.1 7.8 11.6

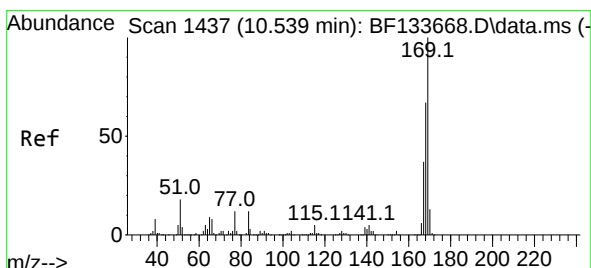
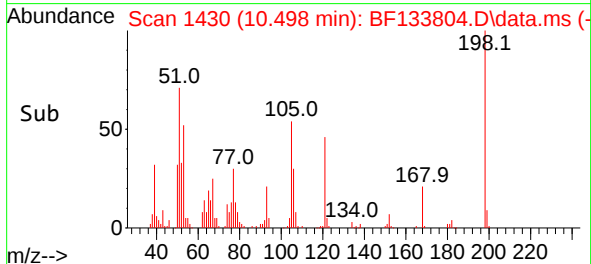
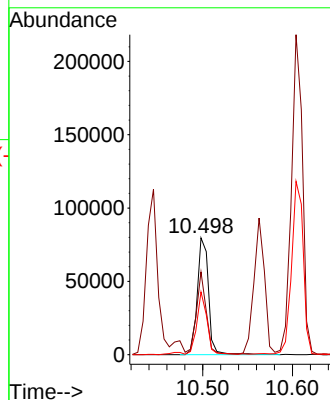
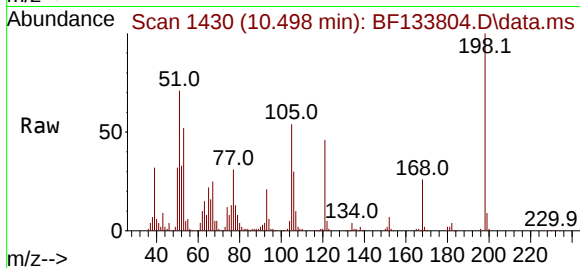




#65
4,6-Dinitro-2-methylphenol
Concen: 41.235 ng
RT: 10.498 min Scan# 1440
Delta R.T. 0.029 min
Lab File: BF133804.D
Acq: 16 Jun 2023 13:37

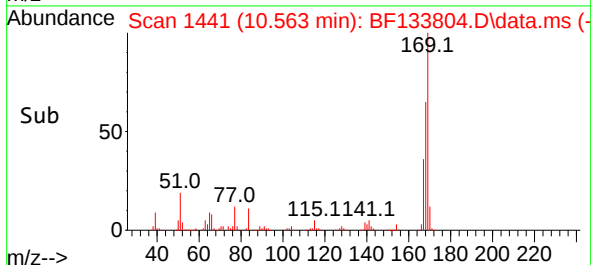
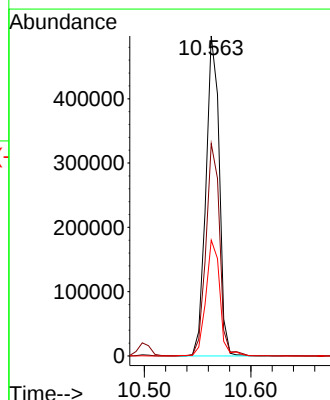
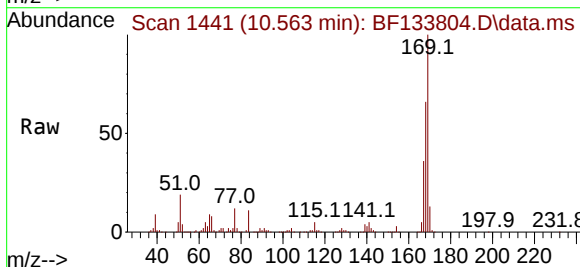
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 69259
Ion Ratio Lower Upper
198 100
51 70.9 27.5 67.5#
105 53.7 21.0 61.0



#66
n-Nitrosodiphenylamine
Concen: 36.881 ng
RT: 10.563 min Scan# 1441
Delta R.T. 0.029 min
Lab File: BF133804.D
Acq: 16 Jun 2023 13:37

Tgt Ion:169 Resp: 435444
Ion Ratio Lower Upper
169 100
168 66.3 53.7 80.5
167 36.2 29.8 44.8

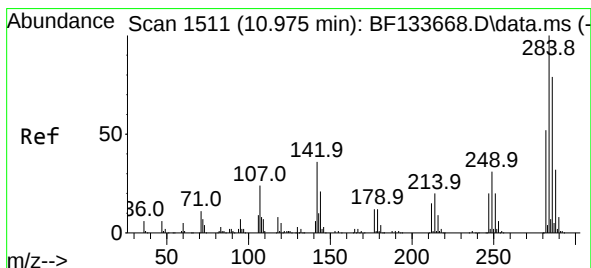
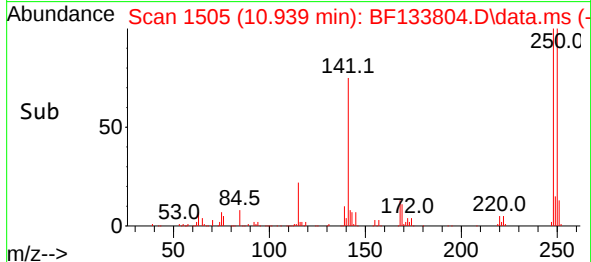
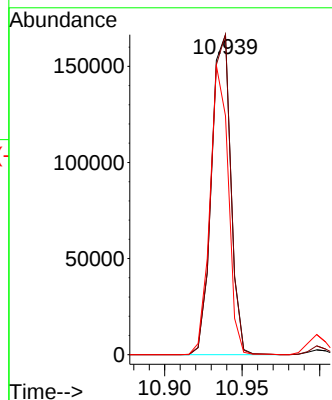
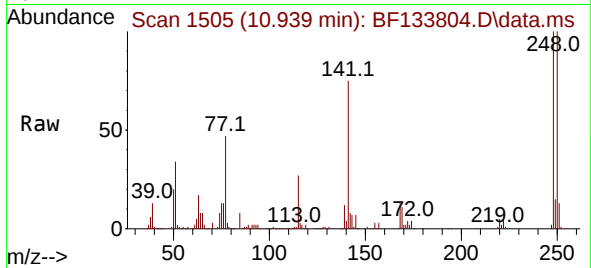




#67
4-Bromophenyl-phenylether
Concen: 36.940 ng
RT: 10.939 min Scan# 11
Delta R.T. 0.035 min
Lab File: BF133804.D
Acq: 16 Jun 2023 13:37

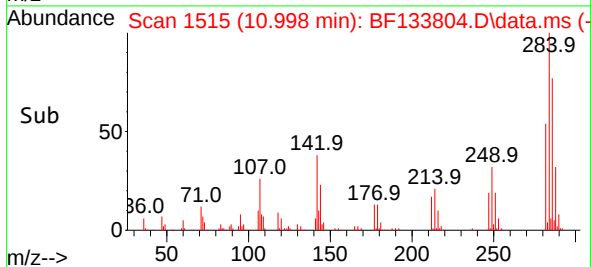
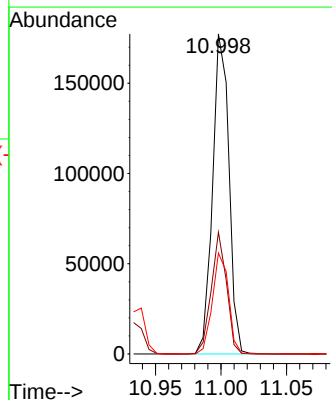
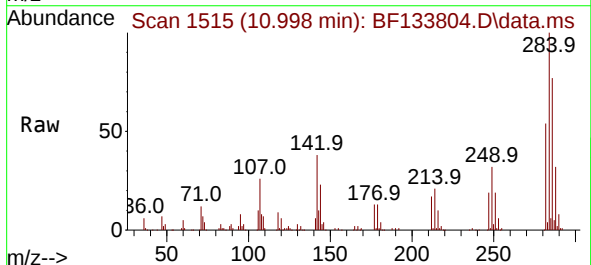
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

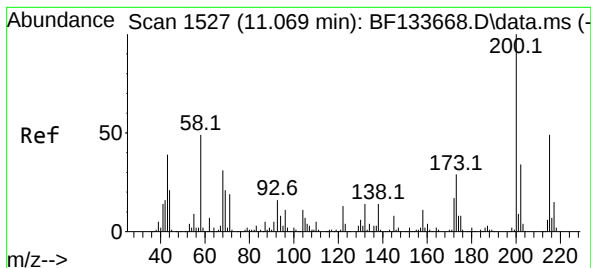
Tgt Ion:248 Resp: 144922
Ion Ratio Lower Upper
248 100
250 100.0 78.3 117.5
141 74.7 69.0 103.6



#68
Hexachlorobenzene
Concen: 37.257 ng
RT: 10.998 min Scan# 1515
Delta R.T. 0.029 min
Lab File: BF133804.D
Acq: 16 Jun 2023 13:37

Tgt Ion:284 Resp: 153707
Ion Ratio Lower Upper
284 100
142 38.1 28.6 42.8
249 31.5 24.6 36.8





#69

Atrazine

Concen: 36.353 ng

RT: 11.092 min Scan# 11

Delta R.T. 0.035 min

Lab File: BF133804.D

Acq: 16 Jun 2023 13:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

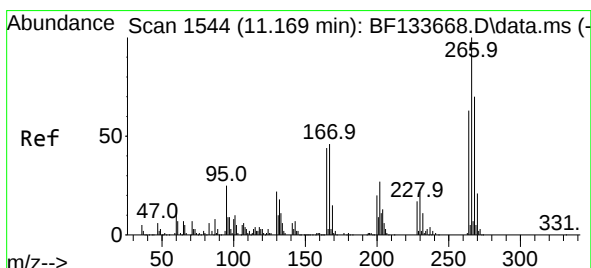
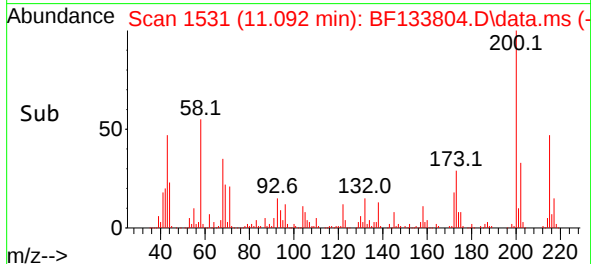
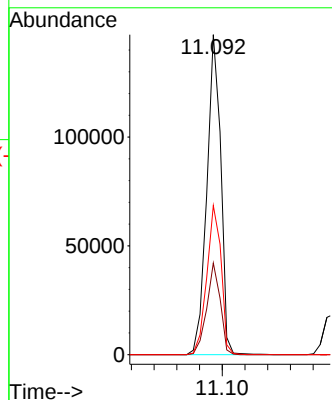
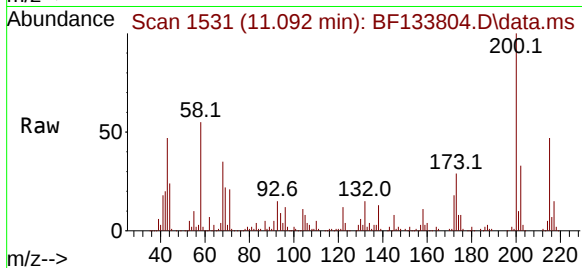
Tgt Ion:200 Resp: 124537

Ion Ratio Lower Upper

200 100

173 28.6 8.7 48.7

215 46.6 29.0 69.0



#70

Pentachlorophenol

Concen: 38.868 ng

RT: 11.198 min Scan# 1549

Delta R.T. 0.035 min

Lab File: BF133804.D

Acq: 16 Jun 2023 13:37

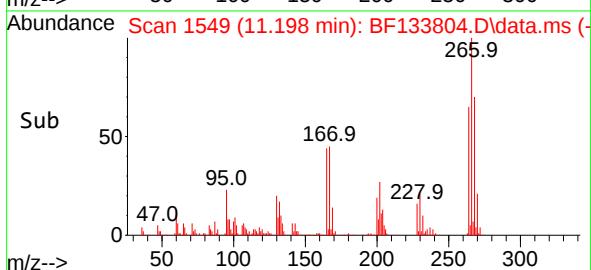
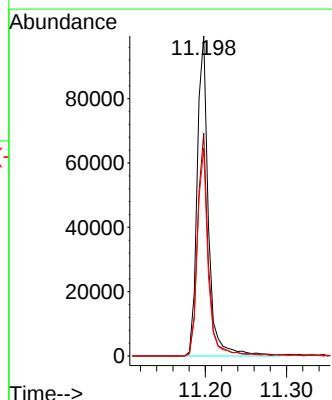
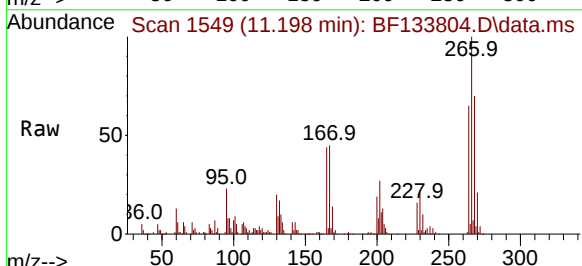
Tgt Ion:266 Resp: 96020

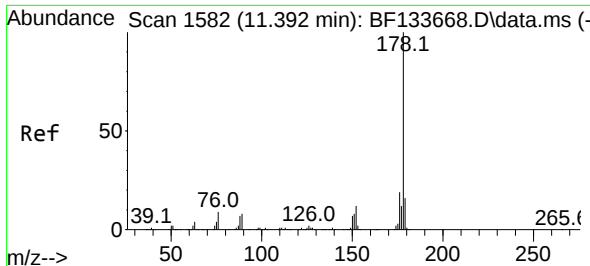
Ion Ratio Lower Upper

266 100

268 69.6 55.7 83.5

264 64.9 50.7 76.1

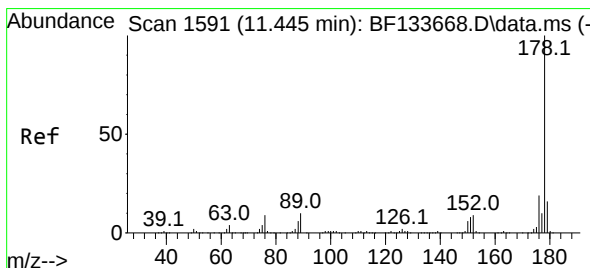
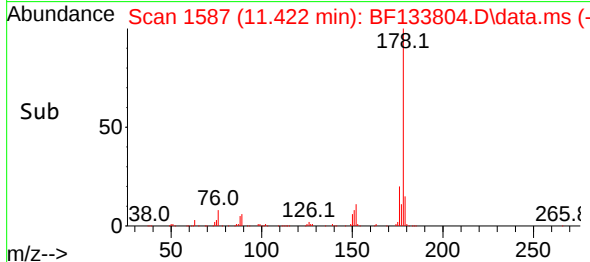
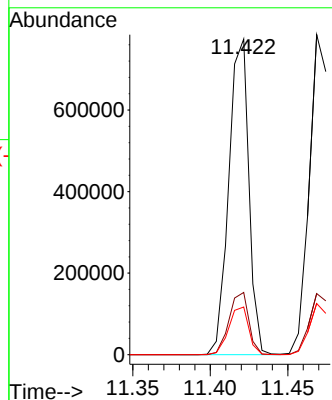
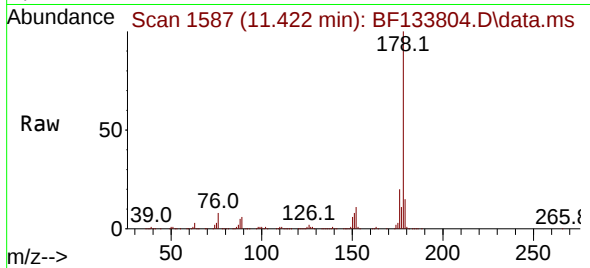




#71
Phenanthrene
Concen: 39.099 ng
RT: 11.422 min Scan# 11
Delta R.T. 0.035 min
Lab File: BF133804.D
Acq: 16 Jun 2023 13:37

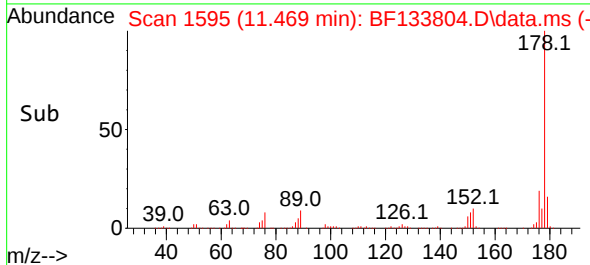
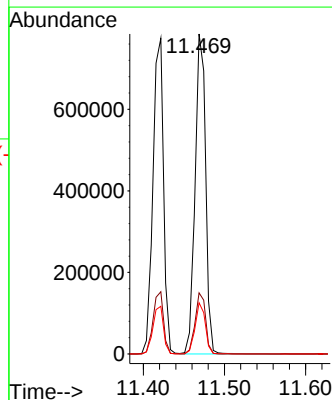
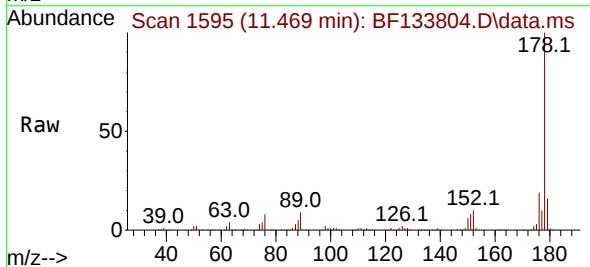
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

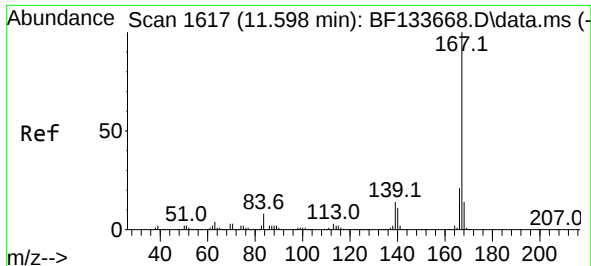
Tgt Ion:178 Resp: 697254
Ion Ratio Lower Upper
178 100
176 19.7 15.6 23.4
179 15.1 12.4 18.6



#72
Anthracene
Concen: 38.396 ng
RT: 11.469 min Scan# 1595
Delta R.T. 0.035 min
Lab File: BF133804.D
Acq: 16 Jun 2023 13:37

Tgt Ion:178 Resp: 713952
Ion Ratio Lower Upper
178 100
176 19.1 15.1 22.7
179 16.0 12.6 18.8

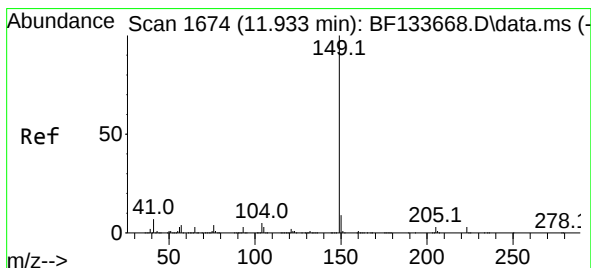
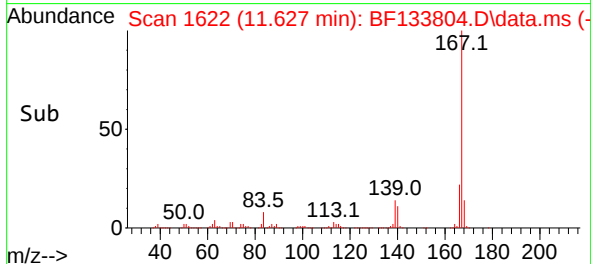
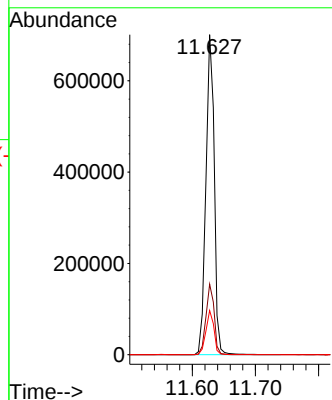
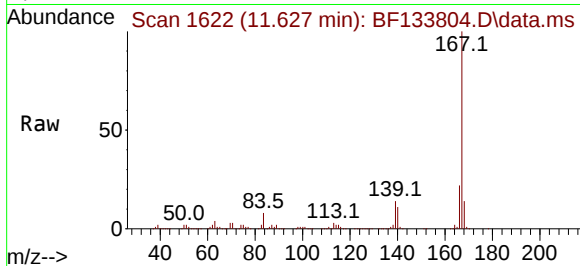




#73
Carbazole
Concen: 37.454 ng
RT: 11.627 min Scan# 1622
Delta R.T. 0.035 min
Lab File: BF133804.D
Acq: 16 Jun 2023 13:37

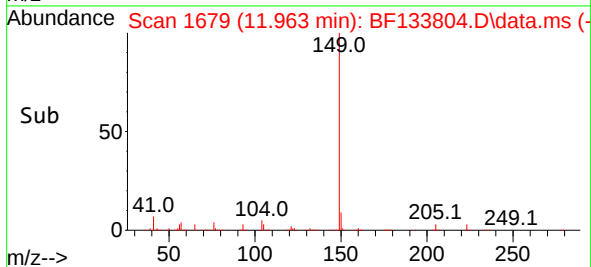
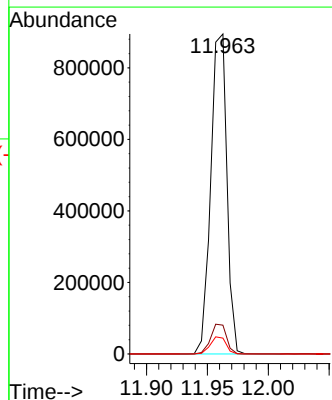
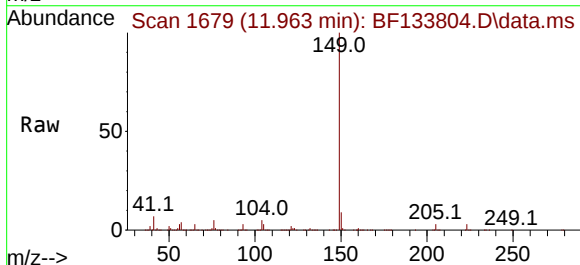
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

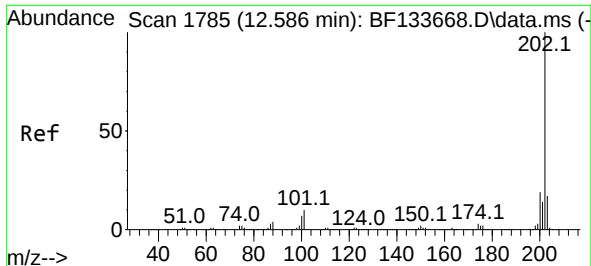
Tgt Ion:167 Resp: 648641
Ion Ratio Lower Upper
167 100
166 22.0 17.0 25.6
139 13.8 11.2 16.8



#74
Di-n-butylphthalate
Concen: 37.112 ng
RT: 11.963 min Scan# 1679
Delta R.T. 0.041 min
Lab File: BF133804.D
Acq: 16 Jun 2023 13:37

Tgt Ion:149 Resp: 823953
Ion Ratio Lower Upper
149 100
150 9.0 7.4 11.0
104 5.0 3.8 5.8

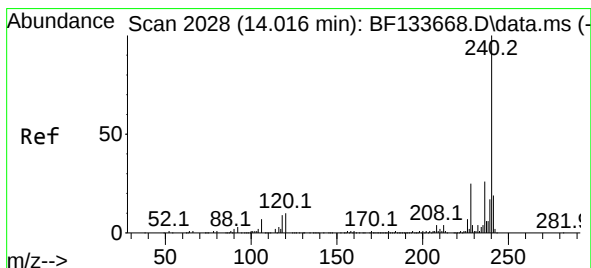
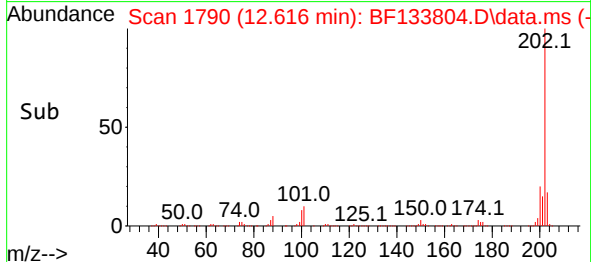
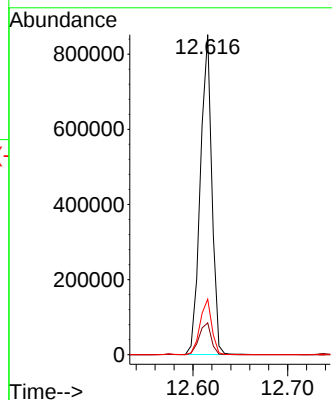
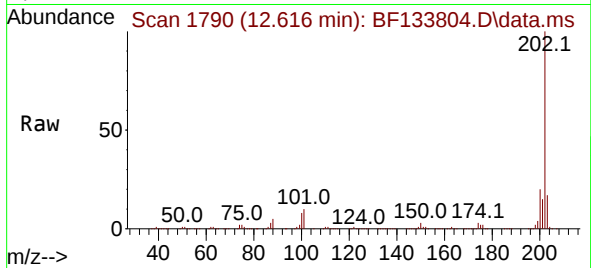




#75
Fluoranthene
Concen: 37.959 ng
RT: 12.616 min Scan# 11
Delta R.T. 0.041 min
Lab File: BF133804.D
Acq: 16 Jun 2023 13:37

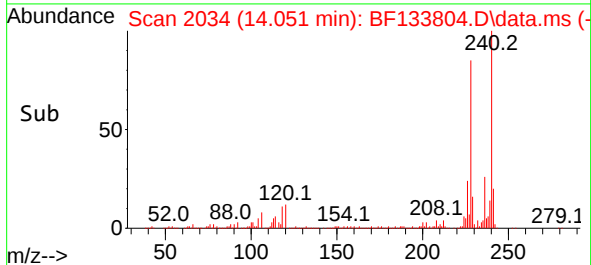
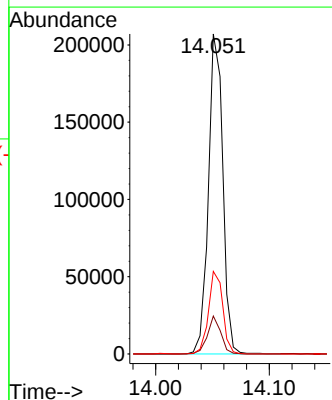
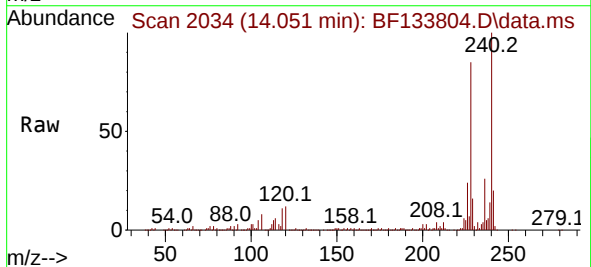
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

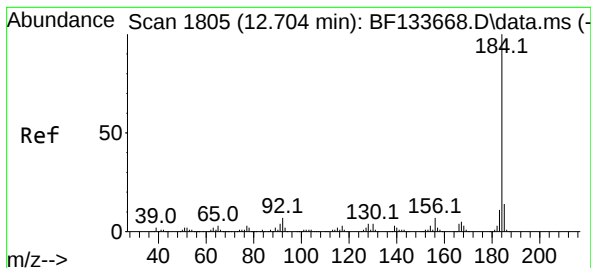
Tgt Ion:202 Resp: 718850
Ion Ratio Lower Upper
202 100
101 10.0 0.0 29.6
203 17.4 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2034
Delta R.T. 0.047 min
Lab File: BF133804.D
Acq: 16 Jun 2023 13:37

Tgt Ion:240 Resp: 181728
Ion Ratio Lower Upper
240 100
120 11.9 8.1 12.1
236 25.8 20.5 30.7





#77

Benzidine

Concen: 41.845 ng

RT: 12.739 min Scan# 1811

Delta R.T. 0.047 min

Lab File: BF133804.D

Acq: 16 Jun 2023 13:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

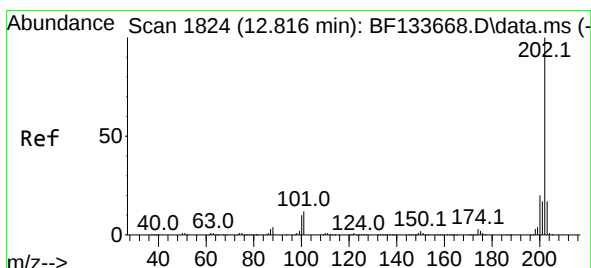
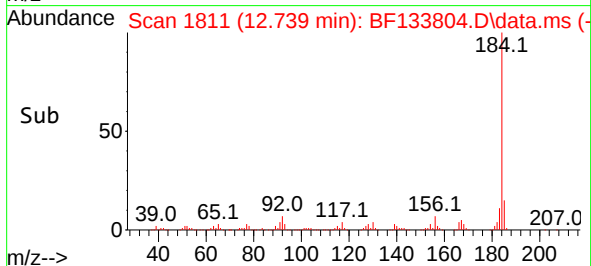
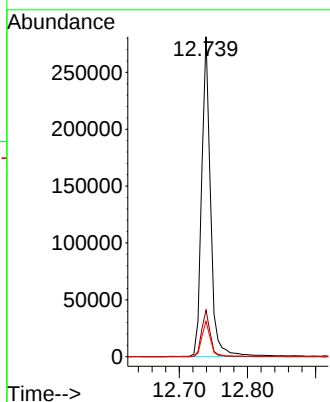
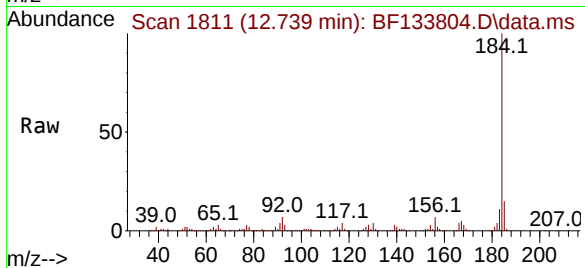
Tgt Ion:184 Resp: 255176

Ion Ratio Lower Upper

184 100

185 14.6 11.6 17.4

183 11.0 8.4 12.6



#78

Pyrene

Concen: 42.382 ng

RT: 12.845 min Scan# 1829

Delta R.T. 0.041 min

Lab File: BF133804.D

Acq: 16 Jun 2023 13:37

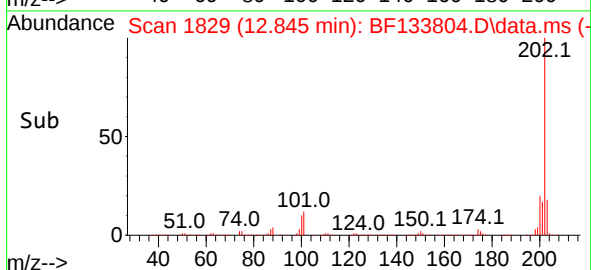
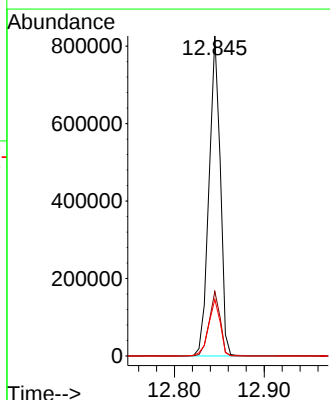
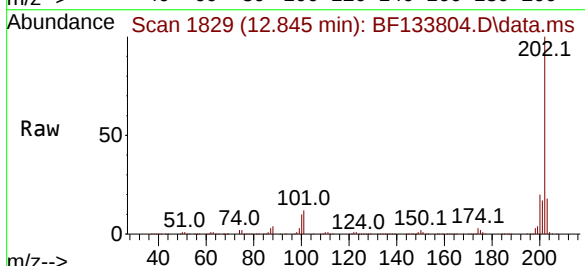
Tgt Ion:202 Resp: 717470

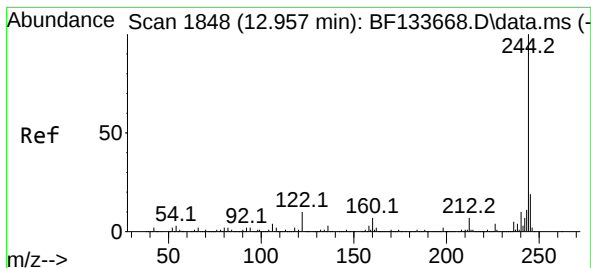
Ion Ratio Lower Upper

202 100

200 20.2 16.2 24.2

203 17.7 13.9 20.9





#79

Terphenyl-d14

Concen: 81.179 ng

RT: 12.992 min Scan# 1854

Delta R.T. 0.047 min

Lab File: BF133804.D

Acq: 16 Jun 2023 13:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

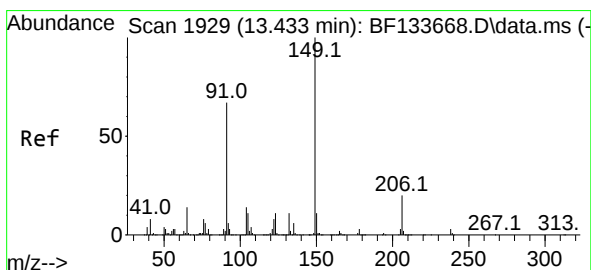
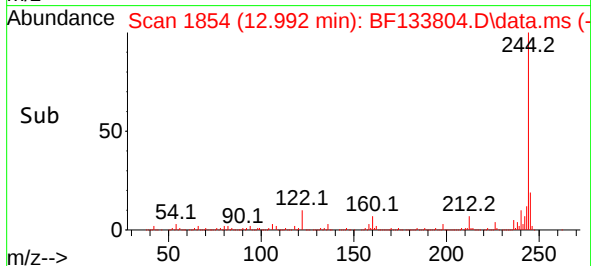
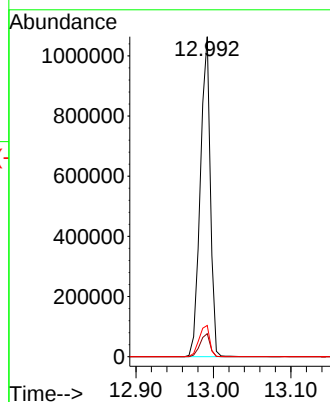
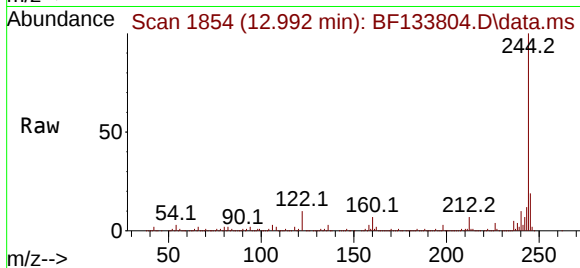
Tgt Ion:244 Resp: 953404

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.2

122 9.7 8.1 12.1



#80

Butylbenzylphthalate

Concen: 36.158 ng

RT: 13.468 min Scan# 1935

Delta R.T. 0.047 min

Lab File: BF133804.D

Acq: 16 Jun 2023 13:37

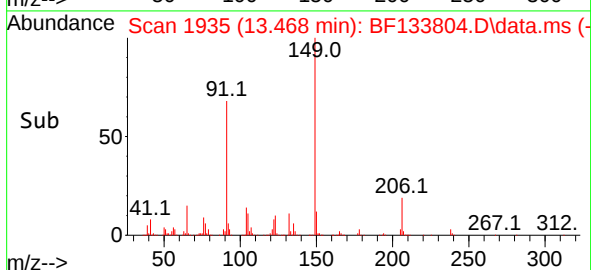
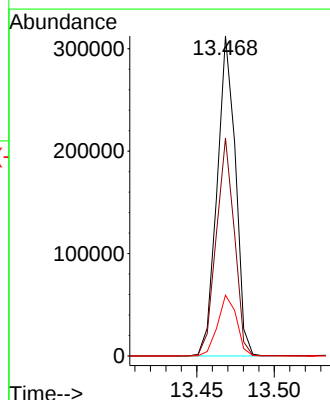
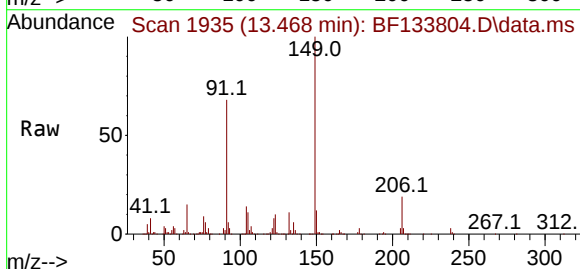
Tgt Ion:149 Resp: 258411

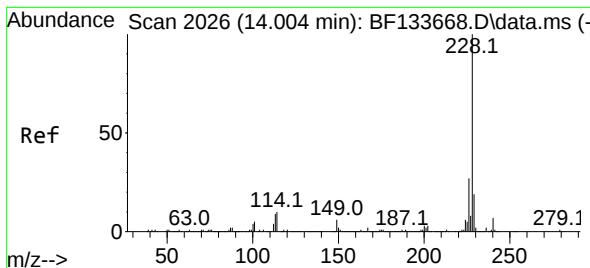
Ion Ratio Lower Upper

149 100

91 68.1 54.0 81.0

206 19.0 15.6 23.4





#81

Benzo(a)anthracene

Concen: 38.302 ng

RT: 14.045 min Scan# 2026

Delta R.T. 0.053 min

Lab File: BF133804.D

Acq: 16 Jun 2023 13:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

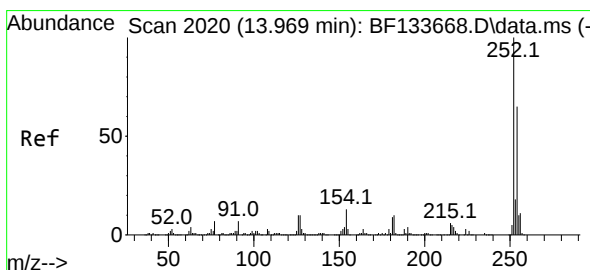
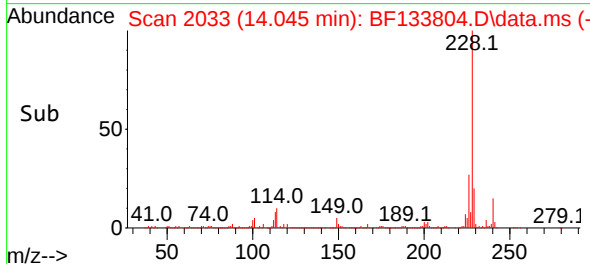
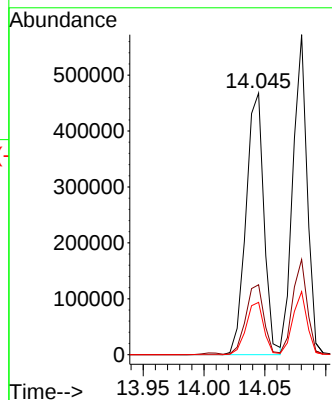
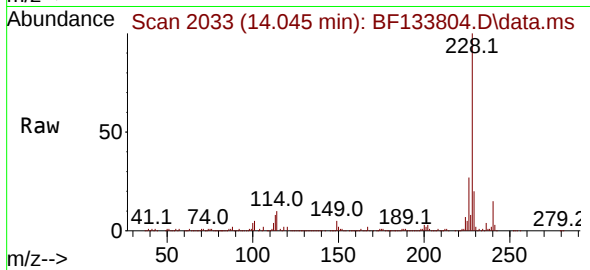
Tgt Ion:228 Resp: 481461

Ion Ratio Lower Upper

228 100

226 26.8 21.7 32.5

229 20.0 15.4 23.2



#82

3,3'-Dichlorobenzidine

Concen: 39.179 ng

RT: 14.004 min Scan# 2026

Delta R.T. 0.047 min

Lab File: BF133804.D

Acq: 16 Jun 2023 13:37

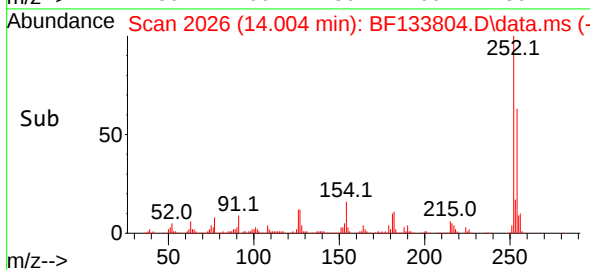
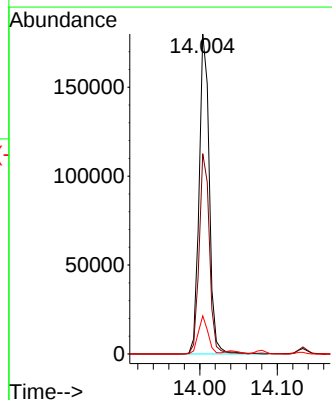
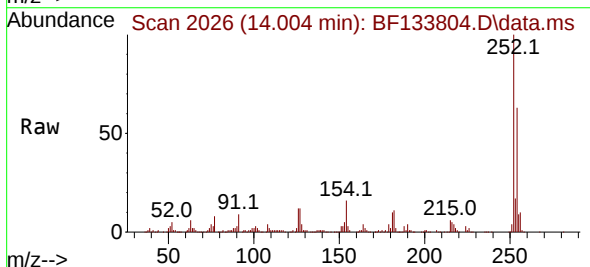
Tgt Ion:252 Resp: 163733

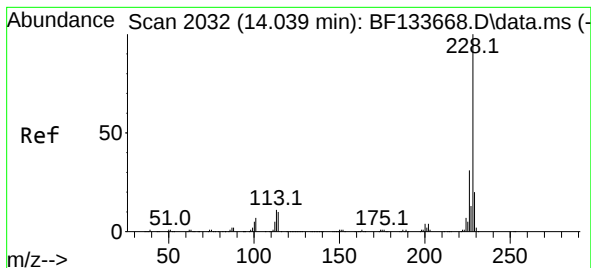
Ion Ratio Lower Upper

252 100

254 62.6 51.9 77.9

126 11.9 7.7 11.5





#83

Chrysene

Concen: 39.177 ng

RT: 14.080 min Scan# 2031

Delta R.T. 0.053 min

Lab File: BF133804.D

Acq: 16 Jun 2023 13:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

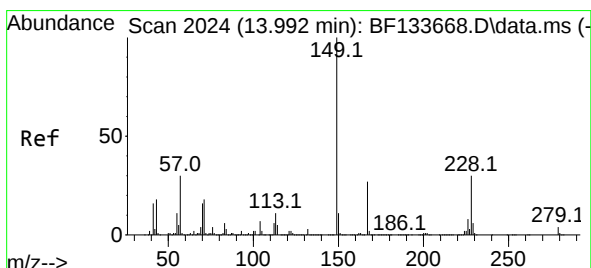
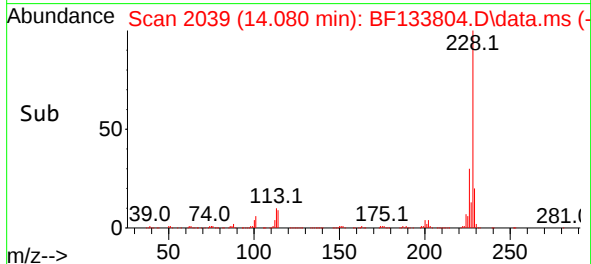
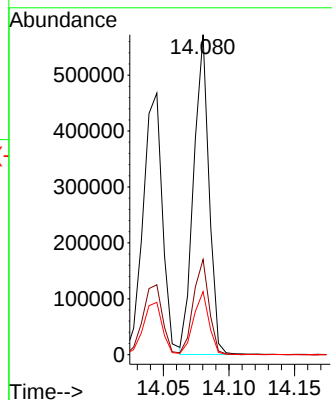
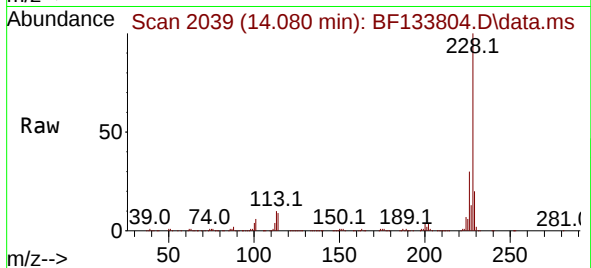
Tgt Ion:228 Resp: 465778

Ion Ratio Lower Upper

228 100

226 29.8 25.0 37.6

229 19.7 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 36.848 ng

RT: 14.033 min Scan# 2031

Delta R.T. 0.053 min

Lab File: BF133804.D

Acq: 16 Jun 2023 13:37

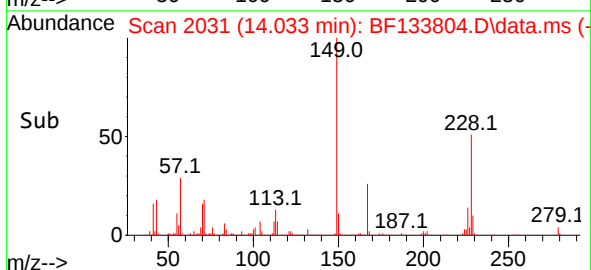
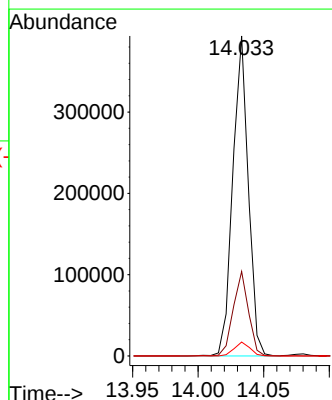
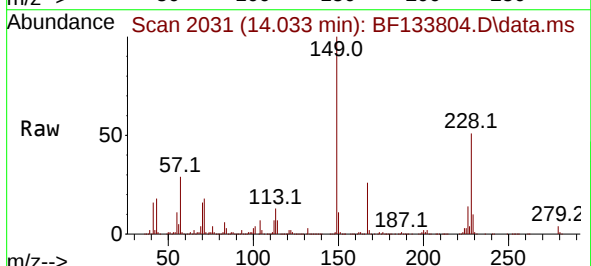
Tgt Ion:149 Resp: 324249

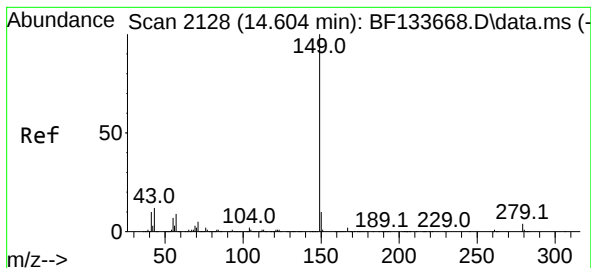
Ion Ratio Lower Upper

149 100

167 26.4 21.8 32.8

279 4.4 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 51.591 ng

RT: 14.657 min Scan# 21

Delta R.T. 0.059 min

Lab File: BF133804.D

Acq: 16 Jun 2023 13:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

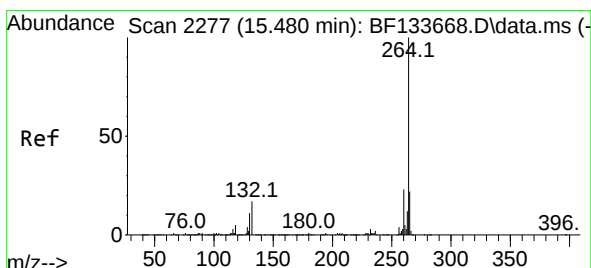
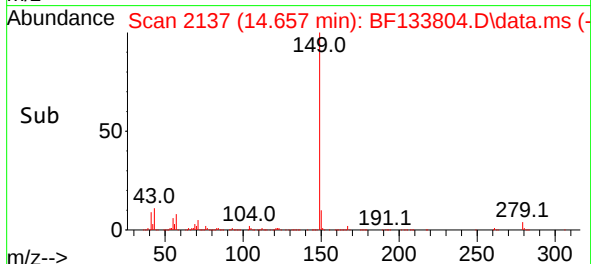
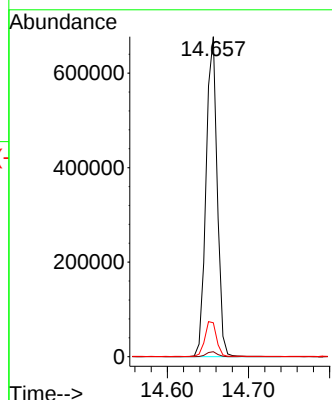
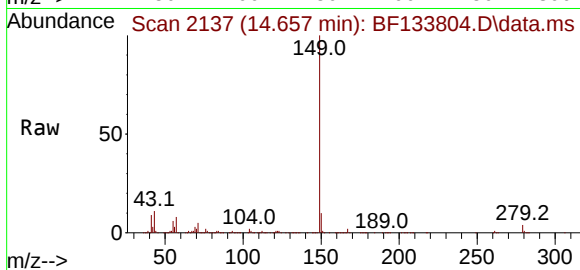
Tgt Ion:149 Resp: 645132

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

43 11.6 8.7 13.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.562 min Scan# 2291

Delta R.T. 0.100 min

Lab File: BF133804.D

Acq: 16 Jun 2023 13:37

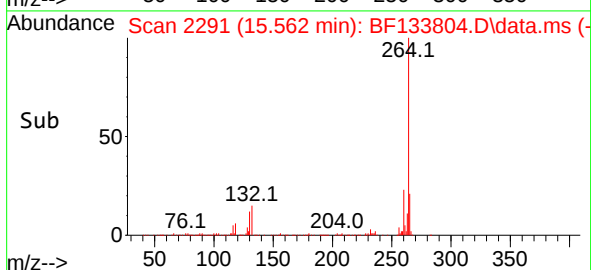
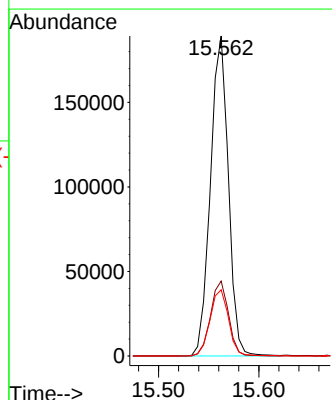
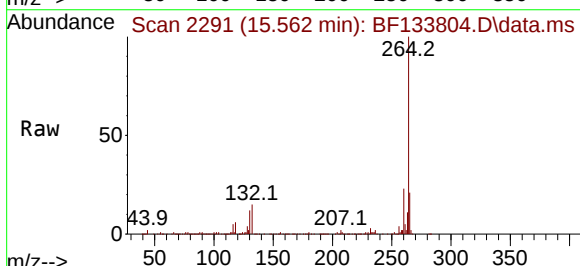
Tgt Ion:264 Resp: 235496

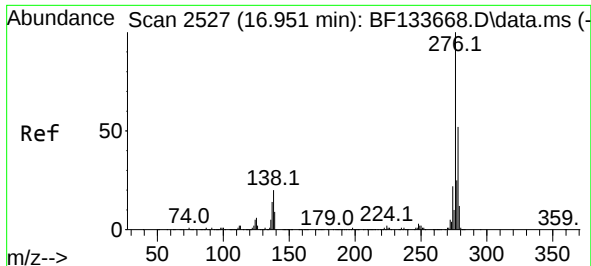
Ion Ratio Lower Upper

264 100

260 23.4 18.2 27.2

265 20.7 17.8 26.6

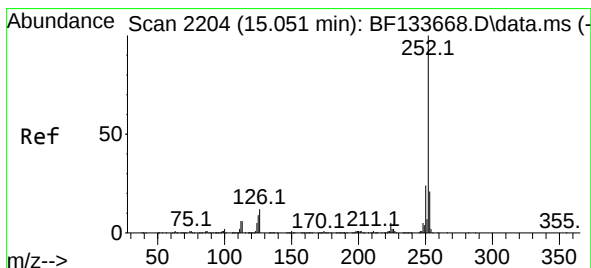
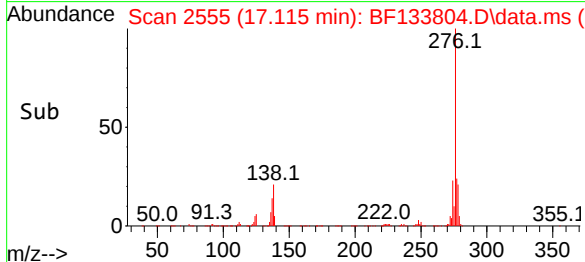
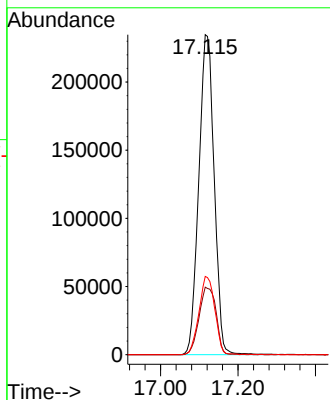
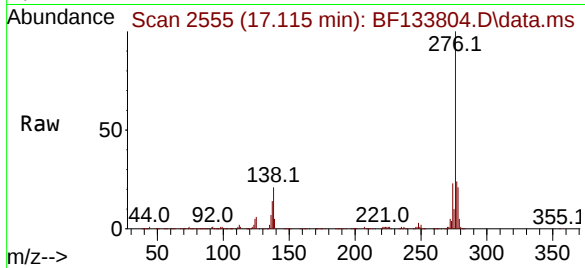




#87
Indeno(1,2,3-cd)pyrene
Concen: 39.923 ng
RT: 17.115 min Scan# 21
Delta R.T. 0.188 min
Lab File: BF133804.D
Acq: 16 Jun 2023 13:37

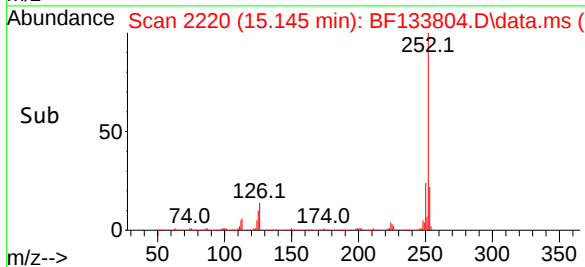
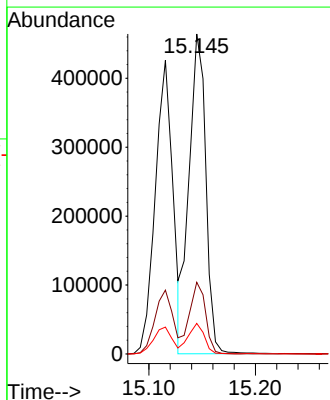
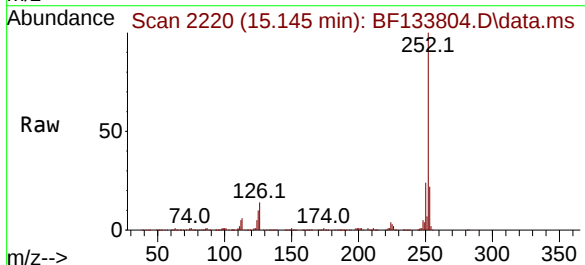
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

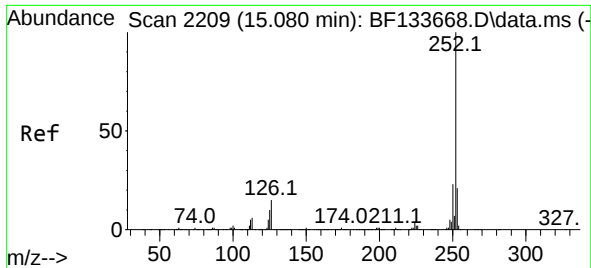
Tgt Ion:276 Resp: 646820
Ion Ratio Lower Upper
276 100
138 23.2 17.9 26.9
277 25.1 20.3 30.5



#88
Benzo(b)fluoranthene
Concen: 35.528 ng
RT: 15.145 min Scan# 2220
Delta R.T. 0.106 min
Lab File: BF133804.D
Acq: 16 Jun 2023 13:37

Tgt Ion:252 Resp: 508248
Ion Ratio Lower Upper
252 100
253 22.4 17.0 25.6
125 9.5 7.3 10.9

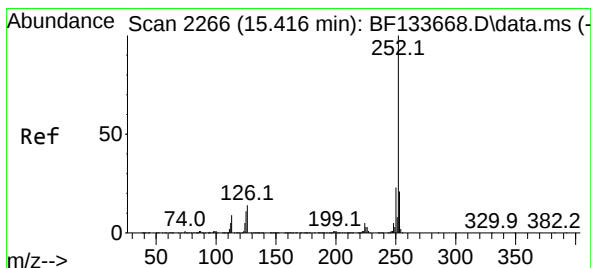
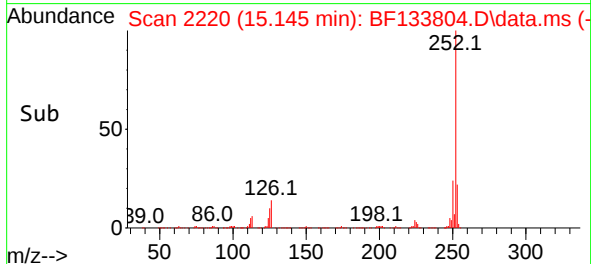
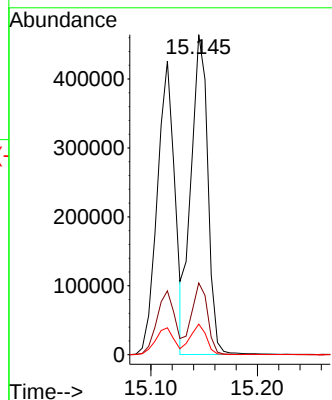
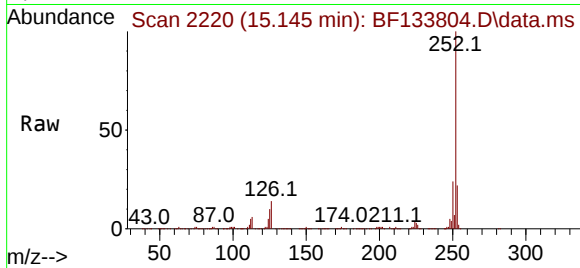




#89
Benzo(k)fluoranthene
Concen: 36.472 ng
RT: 15.145 min Scan# 21
Delta R.T. 0.076 min
Lab File: BF133804.D
Acq: 16 Jun 2023 13:37

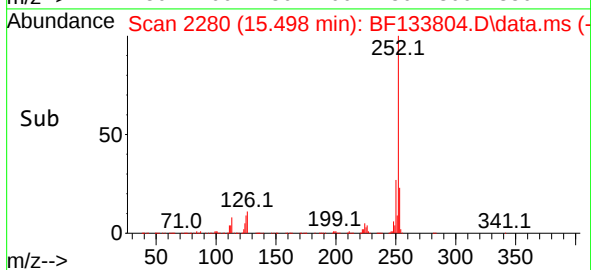
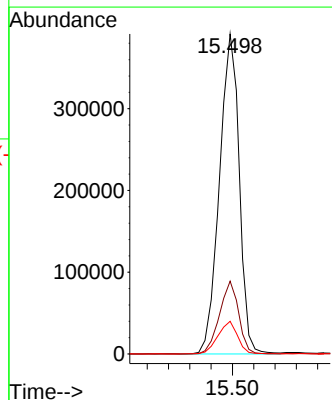
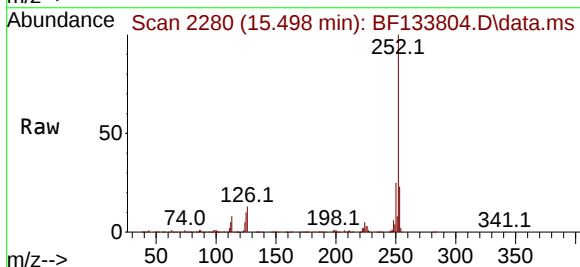
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

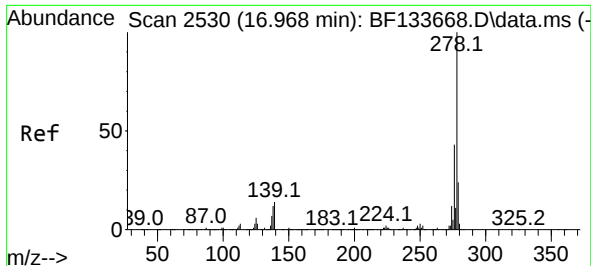
Tgt Ion:252 Resp: 508248
Ion Ratio Lower Upper
252 100
253 22.4 17.0 25.4
125 9.5 7.8 11.6



#90
Benzo(a)pyrene
Concen: 38.012 ng
RT: 15.498 min Scan# 2280
Delta R.T. 0.094 min
Lab File: BF133804.D
Acq: 16 Jun 2023 13:37

Tgt Ion:252 Resp: 504661
Ion Ratio Lower Upper
252 100
253 22.8 17.1 25.7
125 10.2 8.6 13.0

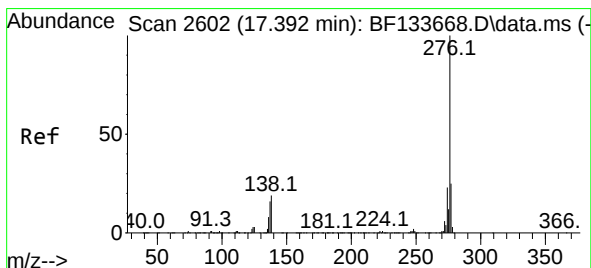
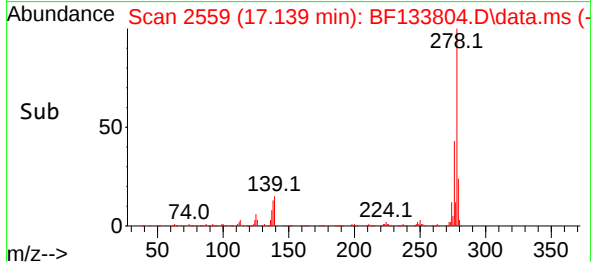
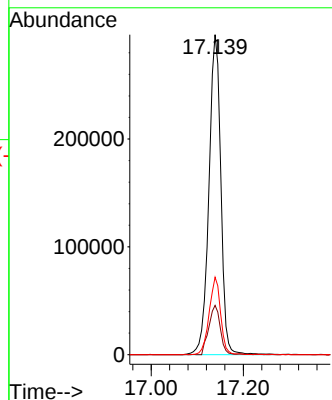
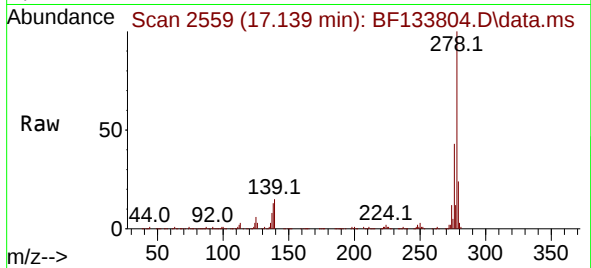




#91
Dibenzo(a,h)anthracene
Concen: 39.900 ng
RT: 17.139 min Scan# 21
Delta R.T. 0.194 min
Lab File: BF133804.D
Acq: 16 Jun 2023 13:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 535176
Ion Ratio Lower Upper
278 100
139 15.4 11.4 17.2
279 24.2 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 39.451 ng
RT: 17.592 min Scan# 2636
Delta R.T. 0.223 min
Lab File: BF133804.D
Acq: 16 Jun 2023 13:37

Tgt Ion:276 Resp: 524646
Ion Ratio Lower Upper
276 100
277 24.1 19.8 29.8
138 20.8 15.0 22.4

