

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050421\
 Data File : BF123813.D
 Acq On : 4 May 2021 17:43
 Operator : JU/CG
 Sample : M2263-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-1MS

Quant Time: May 04 18:21:03 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 04 12:58:27 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	239784	20.00	ng	0.00
21) Naphthalene-d8	8.086	136	927896	20.00	ng	0.00
39) Acenaphthene-d10	9.845	164	466244	20.00	ng	0.00
64) Phenanthrene-d10	11.327	188	923368	20.00	ng	0.00
76) Chrysene-d12	13.974	240	609856	20.00	ng	0.00
86) Perylene-d12	15.427	264	535501	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1451667	95.91	ng	0.00
7) Phenol-d6	6.445	99	1893730	90.83	ng	0.00
23) Nitrobenzene-d5	7.369	82	1344471	65.41	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	584781	100.75	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	2053535	64.14	ng	0.00
79) Terphenyl-d14	12.916	244	2227529	70.33	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.552	88	321817	39.47	ng	97
3) Pyridine	3.287	79	768056	38.54	ng	89
4) n-Nitrosodimethylamine	3.234	42	504900	46.00	ng	99
6) Aniline	6.463	93	688584	28.56	ng	# 34
8) 2-Chlorophenol	6.592	128	743994	45.70	ng	97
9) Benzaldehyde	6.351	77	638183	63.24	ng	97
10) Phenol	6.457	94	999163	44.61	ng	82
11) bis(2-Chloroethyl)ether	6.540	93	767411	46.93	ng	98
12) 1,3-Dichlorobenzene	6.739	146	732071	44.50	ng	98
13) 1,4-Dichlorobenzene	6.816	146	741666	44.56	ng	99
14) 1,2-Dichlorobenzene	6.969	146	713284	44.14	ng	97
15) Benzyl Alcohol	6.945	79	759582	46.47	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.081	45	1647319	47.37	ng	98
17) 2-Methylphenol	7.063	107	630044	45.41	ng	96
18) Hexachloroethane	7.316	117	308846	46.88	ng	99
19) n-Nitroso-di-n-propyla...	7.222	70	576867	44.81	ng	98
20) 3+4-Methylphenols	7.216	107	781282	44.25	ng	# 87
22) Acetophenone	7.210	105	1123128	44.53	ng	97
24) Nitrobenzene	7.386	77	901785	42.12	ng	97
25) Isophorone	7.628	82	1628040	42.24	ng	98
26) 2-Nitrophenol	7.704	139	398911	45.65	ng	93
27) 2,4-Dimethylphenol	7.745	122	676722	49.30	ng	98
28) bis(2-Chloroethoxy)met...	7.839	93	954825	48.62	ng	99
29) 2,4-Dichlorophenol	7.951	162	597634	44.18	ng	96
30) 1,2,4-Trichlorobenzene	8.028	180	623258	43.97	ng	98
31) Naphthalene	8.110	128	2065591	43.23	ng	99
32) Benzoic acid	7.886	122	401165	43.17	ng	92
33) 4-Chloroaniline	8.157	127	186466	9.35	ng	93
34) Hexachlorobutadiene	8.228	225	379330	43.90	ng	100
35) Caprolactam	8.533	113	115107	24.24	ng	97
36) 4-Chloro-3-methylphenol	8.651	107	774798	45.91	ng	94
37) 2-Methylnaphthalene	8.804	142	1389135	44.61	ng	100
38) 1-Methylnaphthalene	8.898	142	1268145	43.33	ng	100
40) 1,2,4,5-Tetrachloroben...	8.969	216	603151	43.96	ng	99
41) Hexachlorocyclopentadiene	8.957	237	639890	106.79	ng	98
43) 2,4,6-Trichlorophenol	9.081	196	425992	45.07	ng	99

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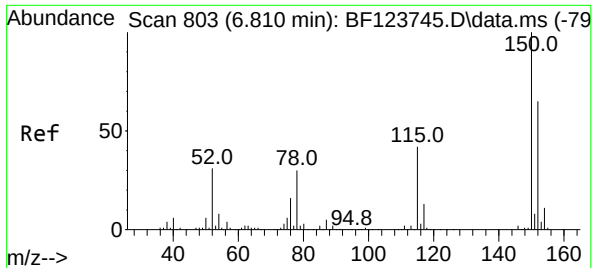
Quant Time: May 04 18:21:03 2021
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	448580	44.24	ng	94
46) 1,1'-Biphenyl	9.269	154	1690083	44.25	ng	98
47) 2-Chloronaphthalene	9.292	162	1247751	43.32	ng	99
48) 2-Nitroaniline	9.386	65	552740	43.57	ng	94
49) Acenaphthylene	9.710	152	2052586	44.15	ng	99
50) Dimethylphthalate	9.569	163	1551070	47.23	ng	99
51) 2,6-Dinitrotoluene	9.633	165	341376	44.96	ng	# 83
52) Acenaphthene	9.880	154	1243605	43.91	ng	99
53) 3-Nitroaniline	9.798	138	181287	19.99	ng	96
54) 2,4-Dinitrophenol	9.910	184	362550	89.91	ng	96
55) Dibenzofuran	10.051	168	1818761	42.46	ng	99
56) 4-Nitrophenol	9.980	139	579336	87.72	ng	94
57) 2,4-Dinitrotoluene	10.039	165	455097	43.97	ng	94
58) Fluorene	10.392	166	1446193	43.93	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.175	232	370802	46.18	ng	96
60) Diethylphthalate	10.269	149	1637140	46.84	ng	99
61) 4-Chlorophenyl-phenyle...	10.386	204	693695	45.21	ng	95
62) 4-Nitroaniline	10.422	138	390325	43.44	ng	96
63) Azobenzene	10.545	77	1744624	43.42	ng	98
65) 4,6-Dinitro-2-methylph...	10.445	198	234168	40.93	ng	95
66) n-Nitrosodiphenylamine	10.504	169	1305134	43.21	ng	98
67) 4-Bromophenyl-phenylether	10.875	248	441433	45.40	ng	98
68) Hexachlorobenzene	10.945	284	497321	44.93	ng	93
69) Atrazine	11.039	200	423397	46.37	ng	99
70) Pentachlorophenol	11.139	266	508255	90.10	ng	96
71) Phenanthrene	11.357	178	2062270	42.58	ng	99
72) Anthracene	11.410	178	2110170	43.82	ng	100
73) Carbazole	11.563	167	2005830	41.21	ng	99
74) Di-n-butylphthalate	11.898	149	2606487	47.70	ng	98
75) Fluoranthene	12.545	202	2223650	42.10	ng	99
77) Benzidine	12.669	184	1211592	76.72	ng	98
78) Pyrene	12.774	202	2200249	46.48	ng	99
80) Butylbenzylphthalate	13.398	149	1075410	53.18	ng	91
81) Benzo(a)anthracene	13.963	228	1550411	41.95	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	290920	25.63	ng	99
83) Chrysene	14.004	228	1614285	43.42	ng	99
84) Bis(2-ethylhexyl)phtha...	13.957	149	1364034	54.29	ng	100
85) Di-n-octyl phthalate	14.568	149	2235595	55.65	ng	99
87) Indeno(1,2,3-cd)pyrene	16.880	276	1703770	54.63	ng	98
88) Benzo(b)fluoranthene	15.010	252	1497991	41.51	ng	98
89) Benzo(k)fluoranthene	15.039	252	1385309	40.22	ng	99
90) Benzo(a)pyrene	15.368	252	1383461	44.83	ng	96
91) Dibenzo(a,h)anthracene	16.892	278	1428026	54.23	ng	99
92) Benzo(g,h,i)perylene	17.315	276	1464869	55.55	ng	96

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

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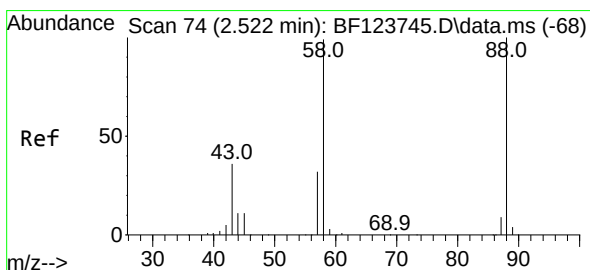
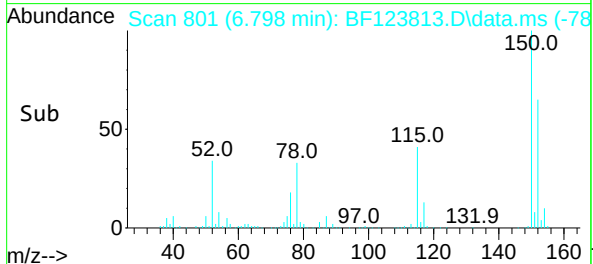
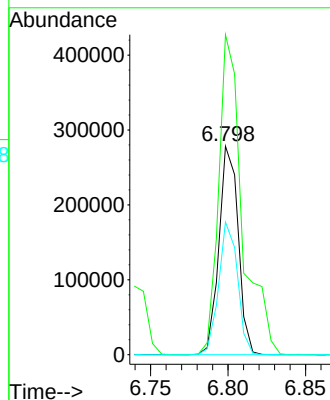
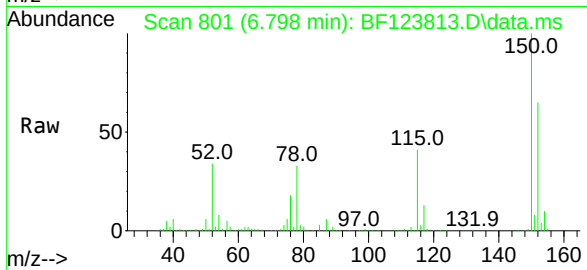




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.798 min Scan# 801
 Delta R.T. -0.006 min
 Lab File: BF123813.D
 Acq: 4 May 2021 17:43

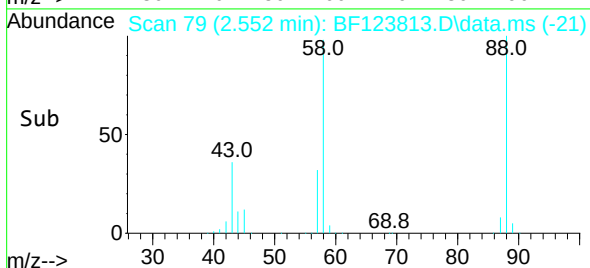
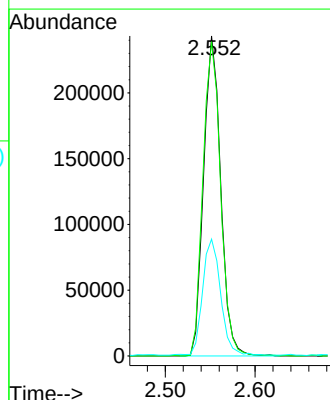
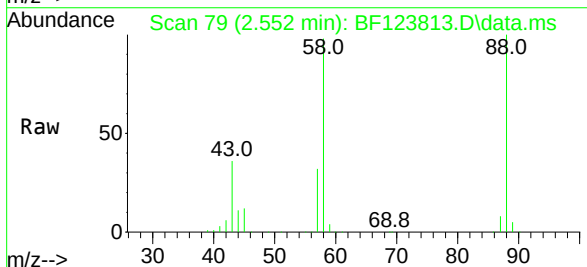
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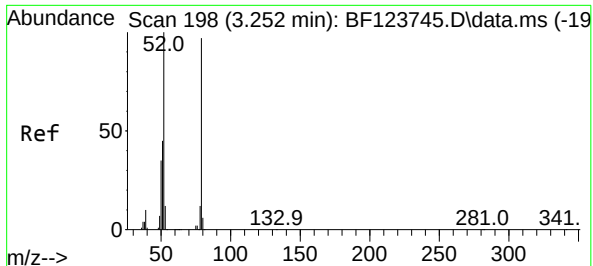
Tgt Ion:152 Resp: 239784
 Ion Ratio Lower Upper
 152 100
 150 153.5 127.0 190.6
 115 63.6 54.3 81.5



#2
 1,4-Dioxane
 Concen: 39.47 ng
 RT: 2.552 min Scan# 79
 Delta R.T. 0.041 min
 Lab File: BF123813.D
 Acq: 4 May 2021 17:43

Tgt Ion: 88 Resp: 321817
 Ion Ratio Lower Upper
 88 100
 58 101.3 83.8 125.8
 43 38.3 32.2 48.4

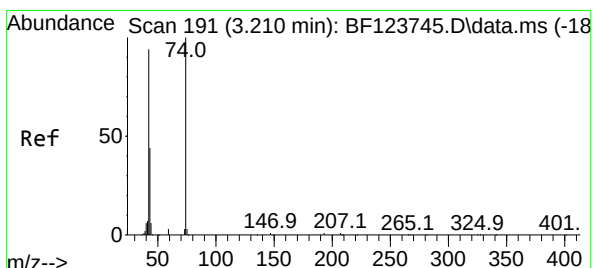
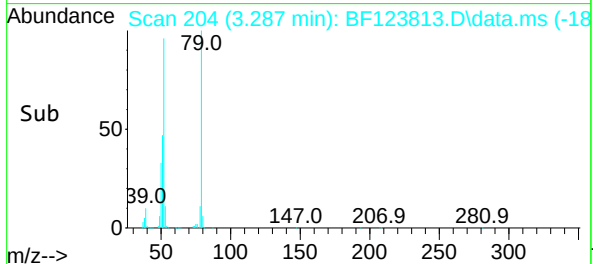
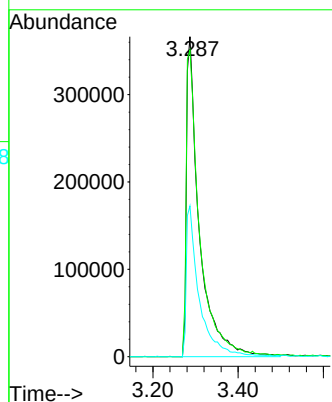
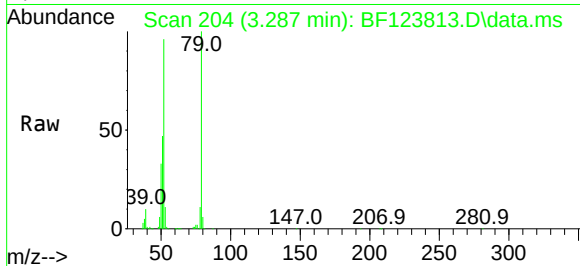




#3
 Pyridine
 Concen: 38.54 ng
 RT: 3.287 min Scan# 204
 Delta R.T. 0.041 min
 Lab File: BF123813.D
 Acq: 4 May 2021 17:43

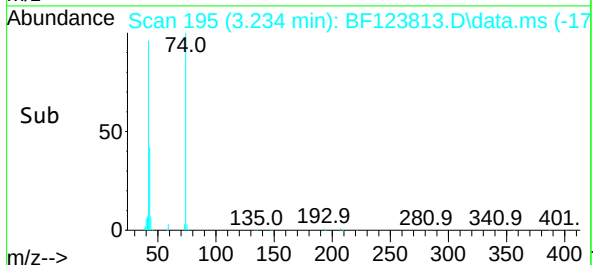
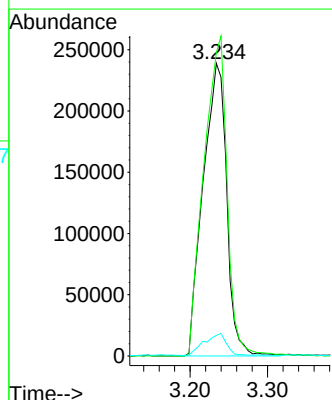
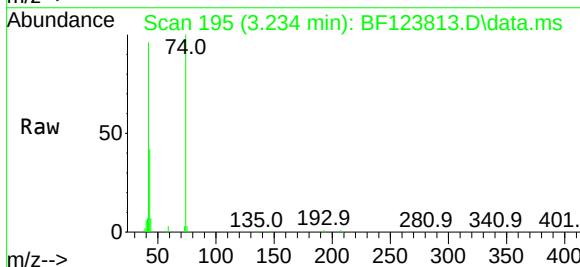
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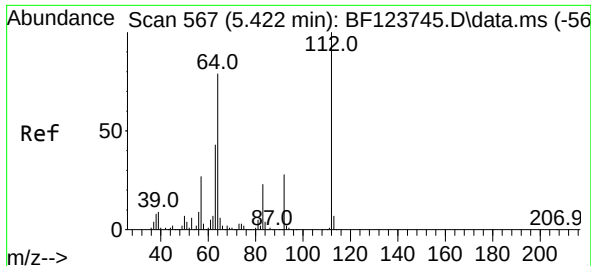
Tgt Ion: 79 Resp: 768056
 Ion Ratio Lower Upper
 79 100
 52 95.8 87.4 131.0
 51 47.1 41.4 62.0



#4
 n-Nitrosodimethylamine
 Concen: 46.00 ng
 RT: 3.234 min Scan# 195
 Delta R.T. 0.035 min
 Lab File: BF123813.D
 Acq: 4 May 2021 17:43

Tgt Ion: 42 Resp: 504900
 Ion Ratio Lower Upper
 42 100
 74 103.7 83.5 125.3
 44 7.1 5.7 8.5

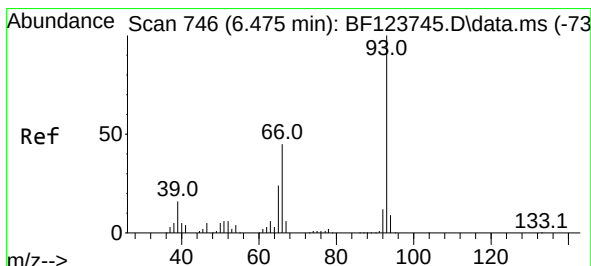
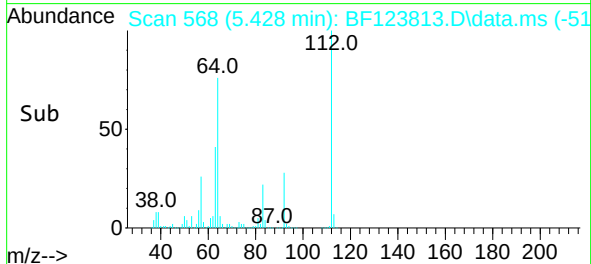
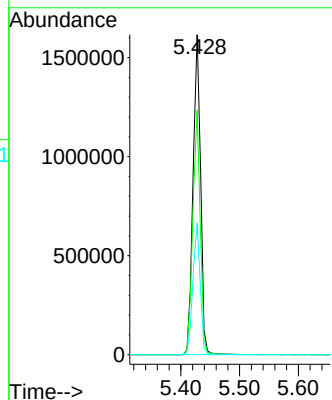
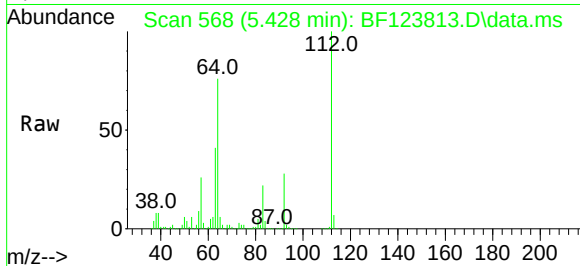




#5
2-Fluorophenol
Concen: 95.91 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.006 min
Lab File: BF123813.D
Acq: 4 May 2021 17:43

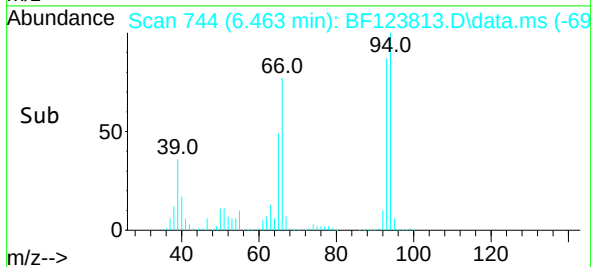
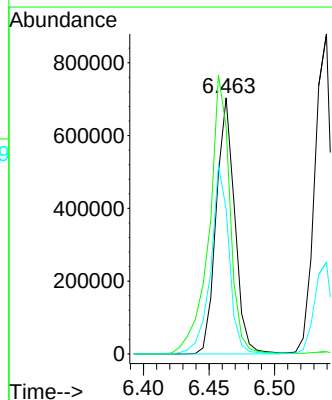
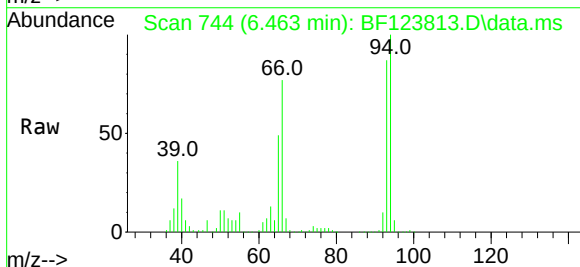
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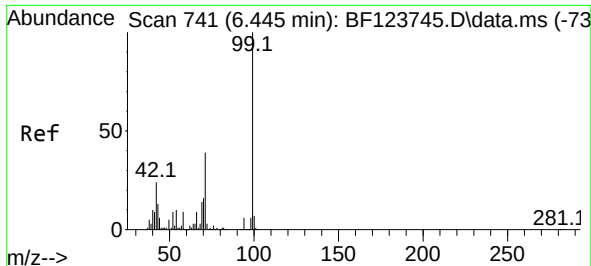
Tgt Ion:112 Resp: 1451667
Ion Ratio Lower Upper
112 100
64 76.3 61.4 92.0
63 41.1 33.0 49.4



#6
Aniline
Concen: 28.56 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF123813.D
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Tgt Ion: 93 Resp: 688584
Ion Ratio Lower Upper
93 100
66 88.6 36.4 54.6#
65 56.7 19.4 29.0#

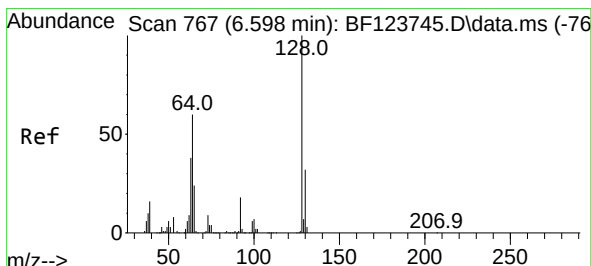
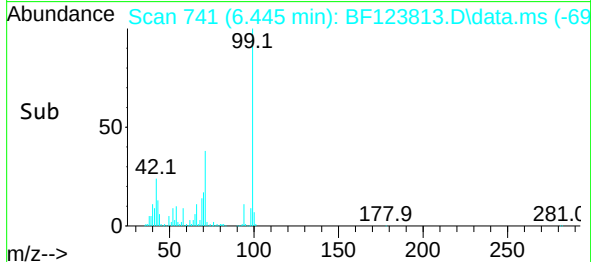
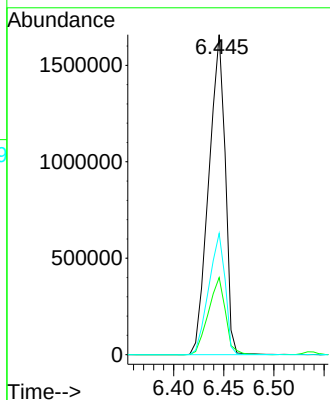
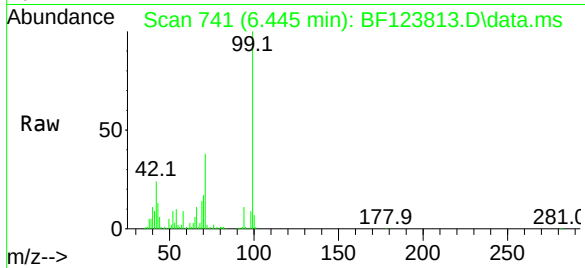




#7
Phenol-d6
Concen: 90.83 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF123813.D
Acq: 4 May 2021 17:43

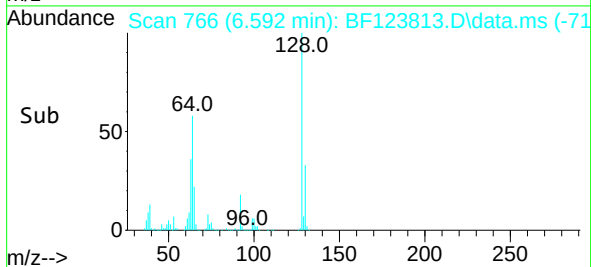
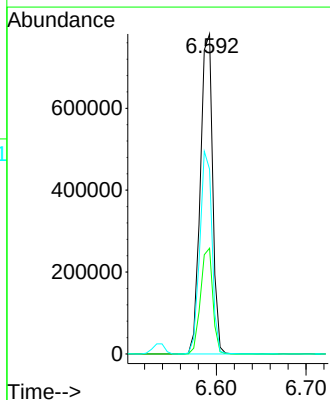
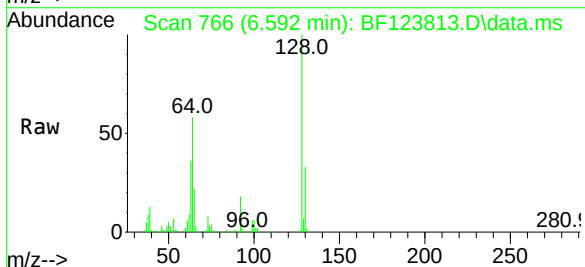
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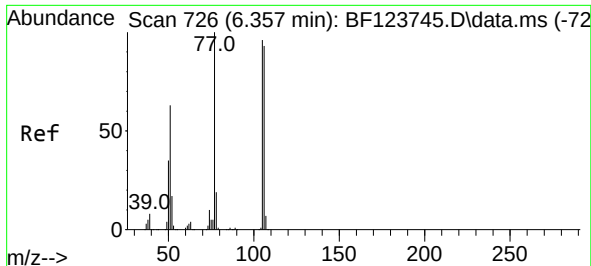
Tgt Ion: 99 Resp: 1893730
Ion Ratio Lower Upper
99 100
42 24.1 19.8 29.8
71 37.9 31.1 46.7



#8
2-Chlorophenol
Concen: 45.70 ng
RT: 6.592 min Scan# 766
Delta R.T. 0.000 min
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Tgt Ion:128 Resp: 743994
Ion Ratio Lower Upper
128 100
130 33.1 12.6 52.6
64 57.8 41.5 81.5

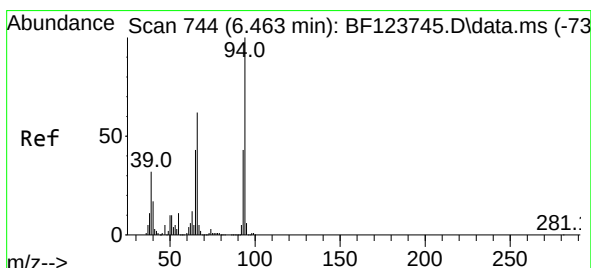
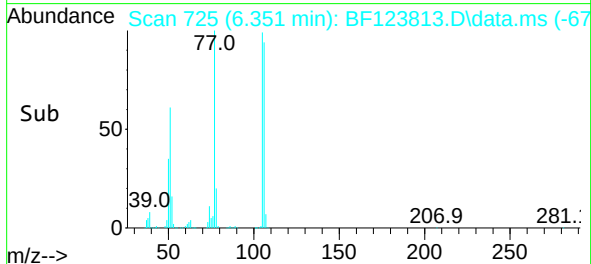
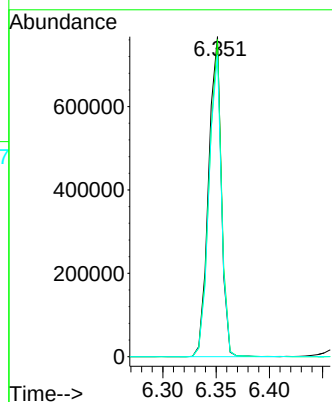
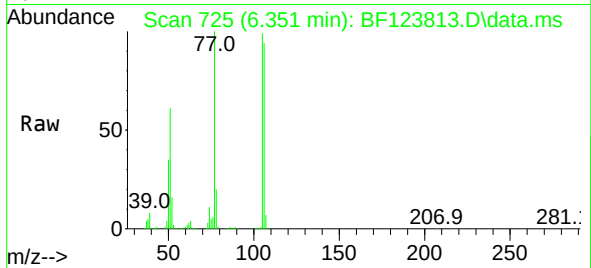




#9
Benzaldehyde
Concen: 63.24 ng
RT: 6.351 min Scan# 725
Delta R.T. 0.000 min
Lab File: BF123813.D
Acq: 4 May 2021 17:43

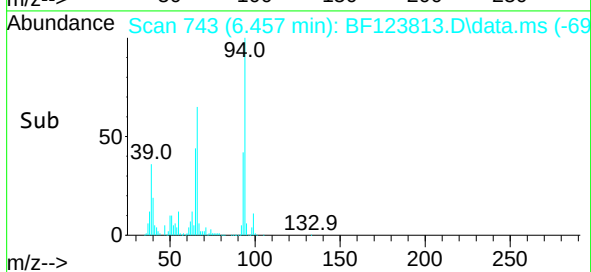
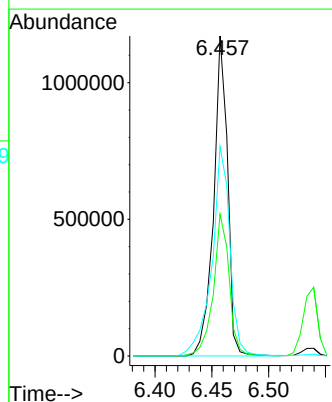
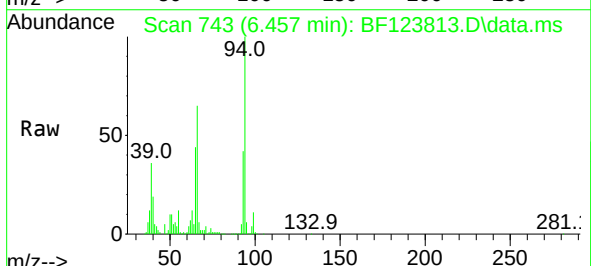
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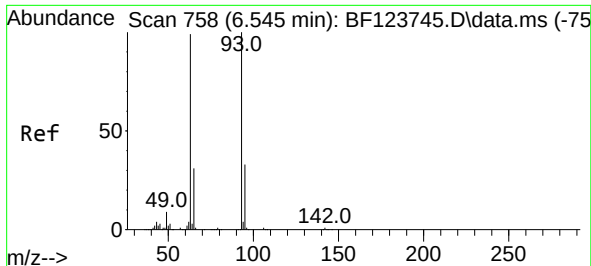
Tgt Ion: 77 Resp: 638183
Ion Ratio Lower Upper
77 100
105 99.1 75.2 115.2
106 94.3 71.6 111.6



#10
Phenol
Concen: 44.61 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.000 min
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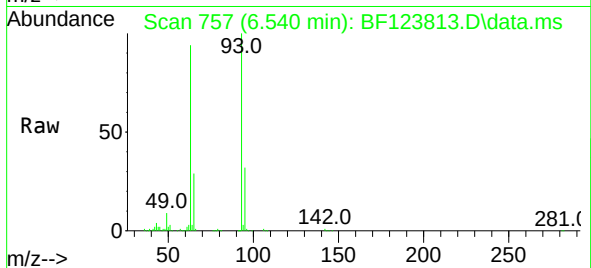
Tgt Ion: 94 Resp: 999163
Ion Ratio Lower Upper
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66 65.4 29.0 69.0



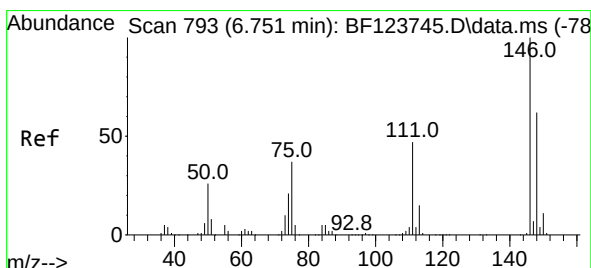
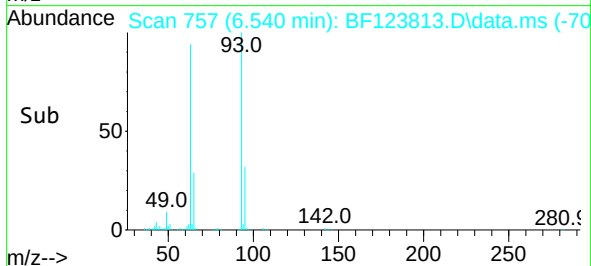
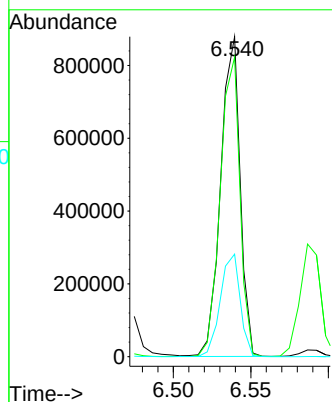


#11
bis(2-Chloroethyl)ether
Concen: 46.93 ng
RT: 6.540 min Scan# 757
Delta R.T. 0.000 min
Lab File: BF123813.D
Acq: 4 May 2021 17:43

Instrument :
BNA_F
ClientSampleId :
S-1MS

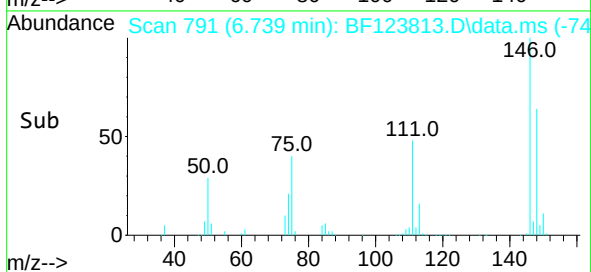
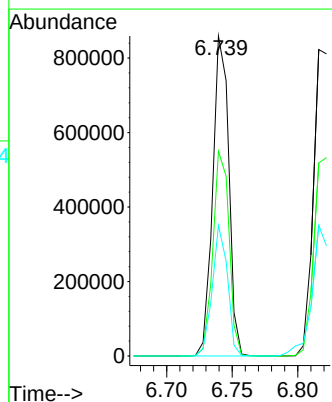
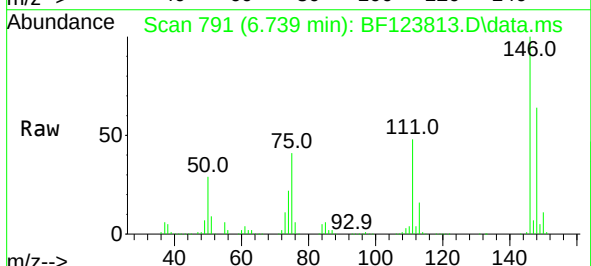


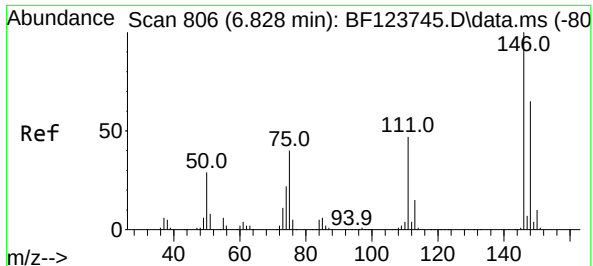
Tgt Ion: 93 Resp: 767411
Ion Ratio Lower Upper
93 100
63 93.6 76.1 116.1
95 32.1 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 44.50 ng
RT: 6.739 min Scan# 791
Delta R.T. -0.006 min
Lab File: BF123813.D
Acq: 4 May 2021 17:43

Tgt Ion: 146 Resp: 732071
Ion Ratio Lower Upper
146 100
148 64.0 50.9 76.3
75 40.9 34.2 51.4

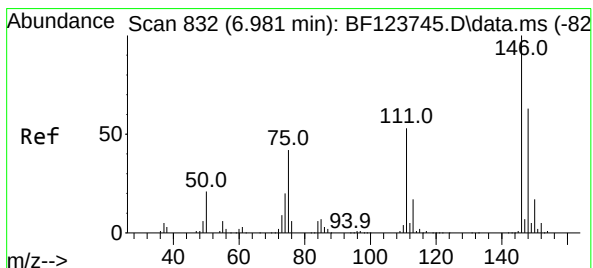
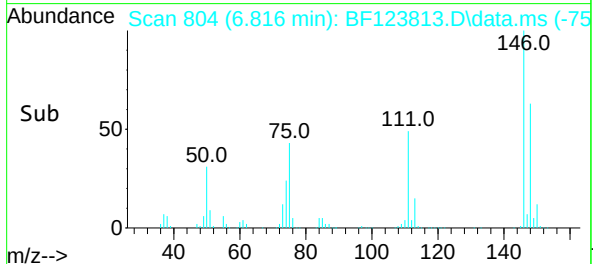
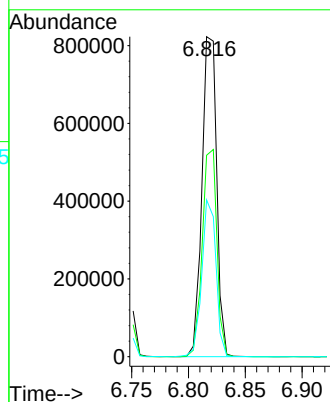
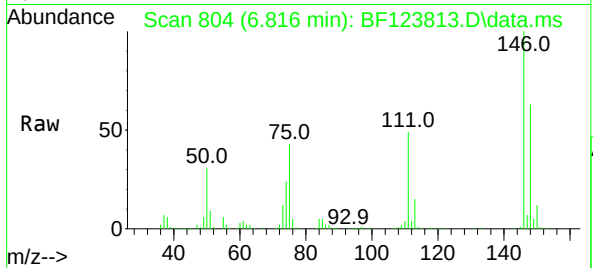




#13
1,4-Dichlorobenzene
Concen: 44.56 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF123813.D
Acq: 4 May 2021 17:43

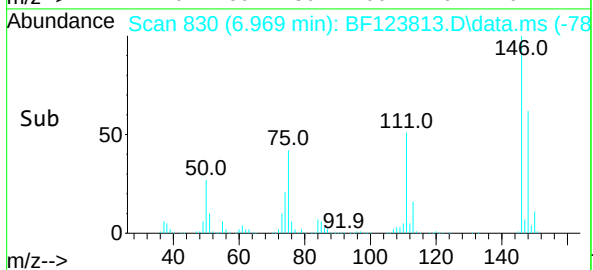
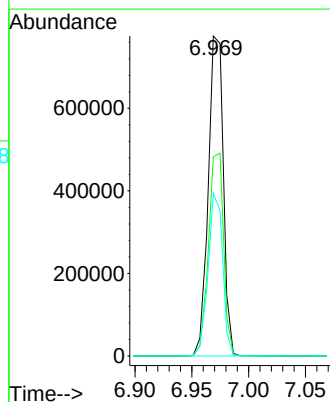
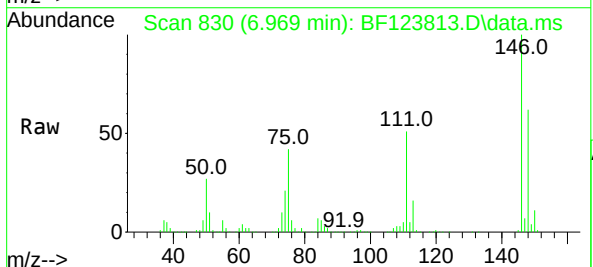
Instrument :
BNA_F
ClientSampleId :
S-1MS

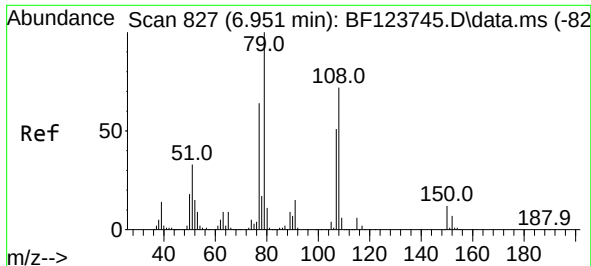
Tgt Ion:146 Resp: 741666
Ion Ratio Lower Upper
146 100
148 63.0 49.9 74.9
111 49.0 39.5 59.3



#14
1,2-Dichlorobenzene
Concen: 44.14 ng
RT: 6.969 min Scan# 830
Delta R.T. -0.006 min
Lab File: BF123813.D
Acq: 4 May 2021 17:43

Tgt Ion:146 Resp: 713284
Ion Ratio Lower Upper
146 100
148 62.2 51.6 77.4
111 50.7 38.4 57.6

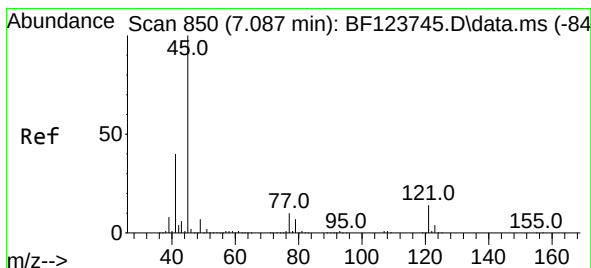
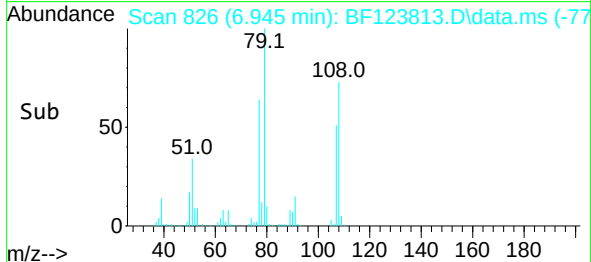
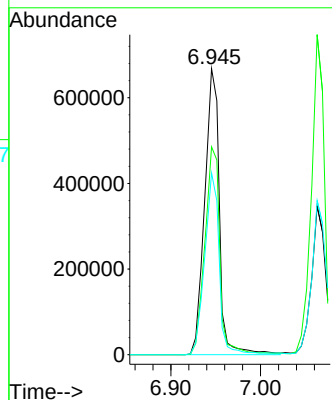
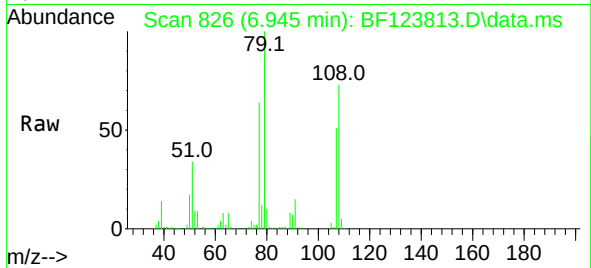




#15
Benzyl Alcohol
Concen: 46.47 ng
RT: 6.945 min Scan# 826
Delta R.T. 0.000 min
Lab File: BF123813.D
Acq: 4 May 2021 17:43

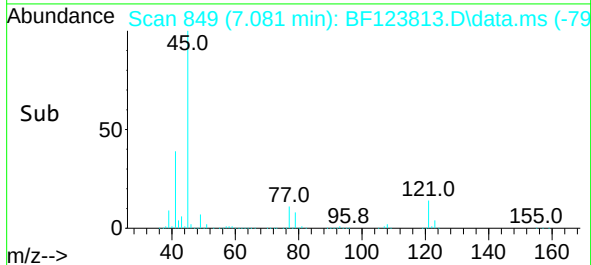
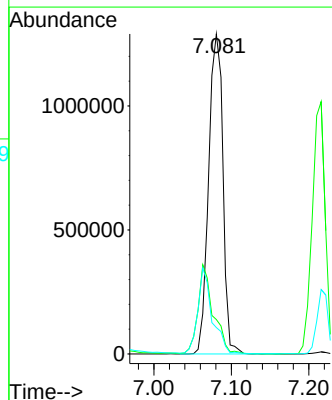
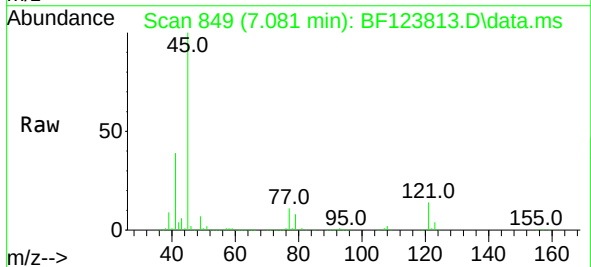
Instrument :
BNA_F
ClientSampleId :
S-1MS

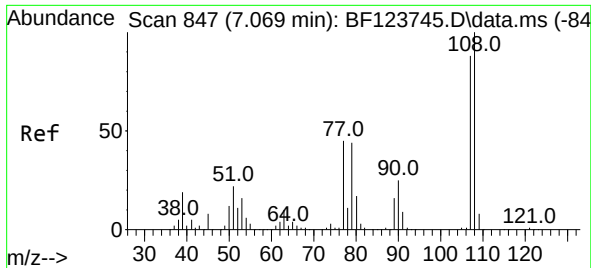
Tgt Ion: 79 Resp: 759582
Ion Ratio Lower Upper
79 100
108 72.7 55.8 83.8
77 63.5 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.37 ng
RT: 7.081 min Scan# 849
Delta R.T. -0.006 min
Lab File: BF123813.D
Acq: 4 May 2021 17:43

Tgt Ion: 45 Resp: 1647319
Ion Ratio Lower Upper
45 100
77 10.7 0.0 30.0
79 8.3 0.0 27.3

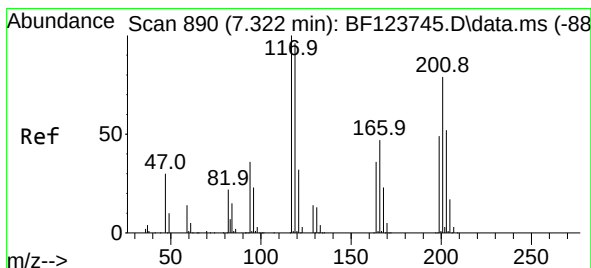
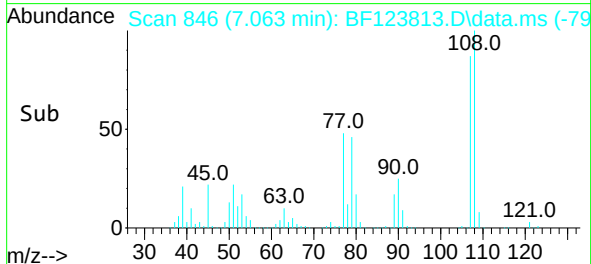
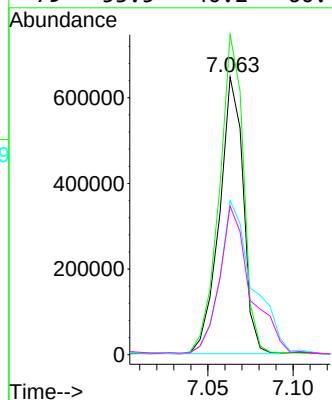
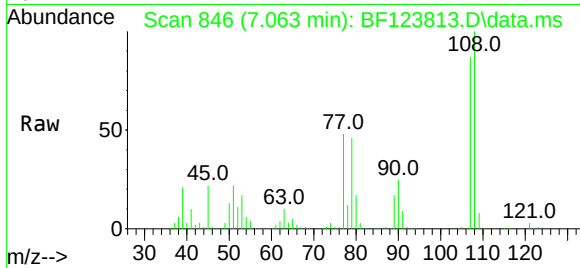




#17
2-Methylphenol
Concen: 45.41 ng
RT: 7.063 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF123813.D
Acq: 4 May 2021 17:43

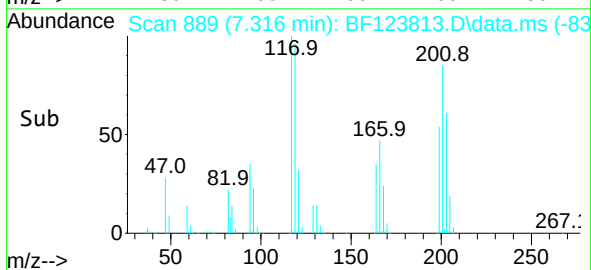
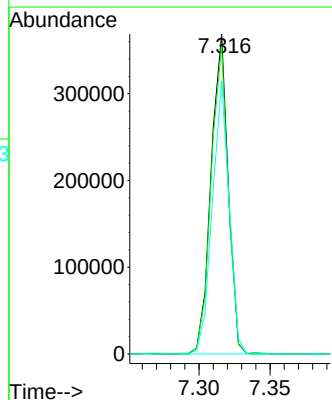
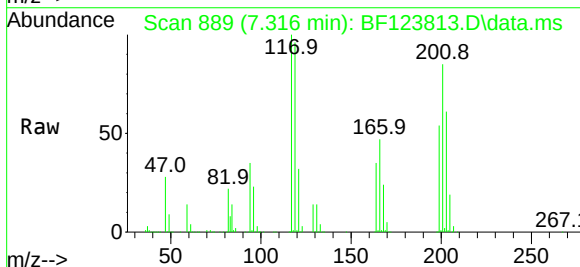
Instrument :
BNA_F
ClientSampleId :
S-1MS

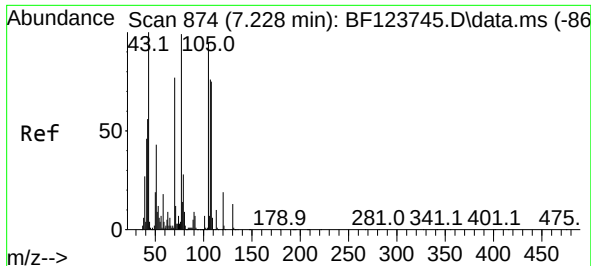
Tgt Ion:	107	Resp:	630044
Ion	Ratio	Lower	Upper
107	100		
108	115.3	89.8	134.8
77	55.5	40.9	61.3
79	53.5	40.2	60.4



#18
Hexachloroethane
Concen: 46.88 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.000 min
Lab File: BF123813.D
Acq: 4 May 2021 17:43

Tgt Ion:	117	Resp:	308846
Ion	Ratio	Lower	Upper
117	100		
119	96.1	77.8	116.8
201	85.2	67.8	101.8



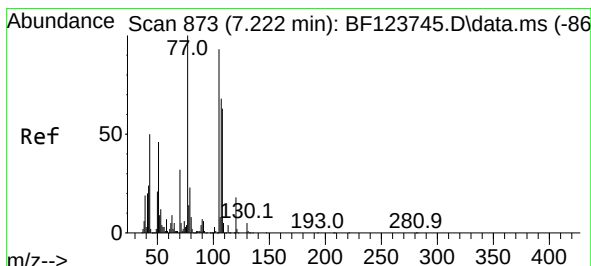
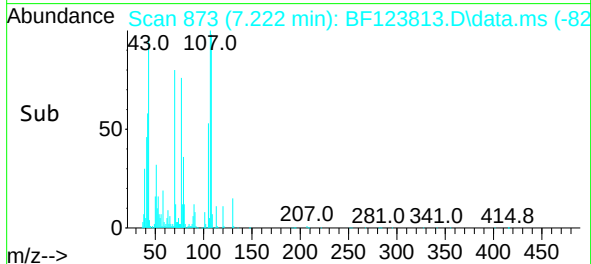
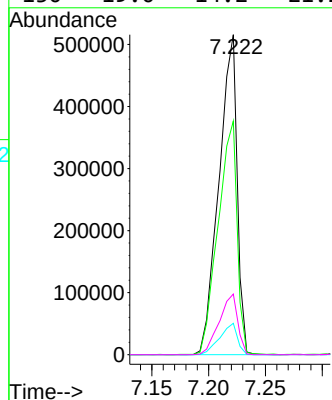
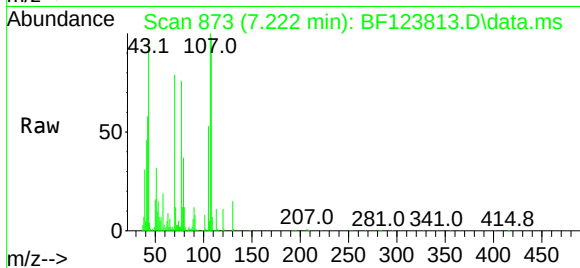


#19

n-Nitroso-di-n-propylamine
Concen: 44.81 ng
RT: 7.222 min Scan# 873
Delta R.T. 0.000 min
Lab File: BF123813.D
Acq: 4 May 2021 17:43

Instrument :
BNA_F
ClientSampleId :
S-1MS

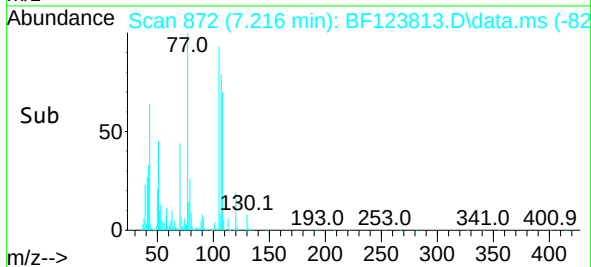
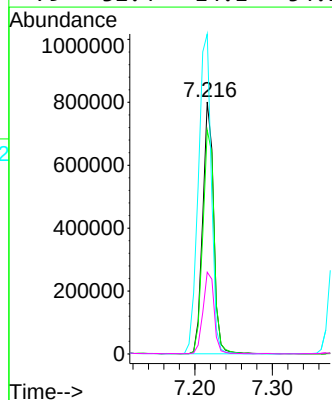
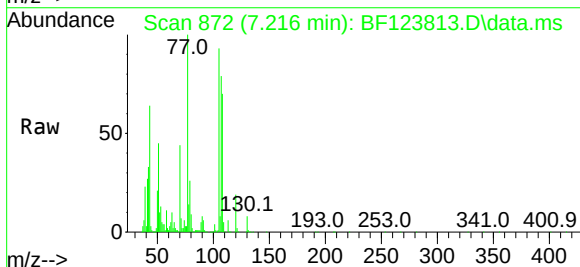
Tgt Ion: 70 Resp: 576867
Ion Ratio Lower Upper
70 100
42 73.0 60.1 90.1
101 9.8 7.4 11.2
130 19.0 14.2 21.2

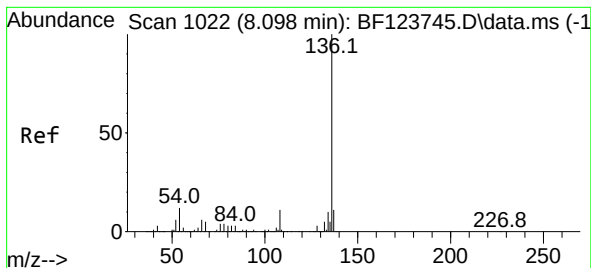


#20

3+4-Methylphenols
Concen: 44.25 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.000 min
Lab File: BF123813.D
Acq: 4 May 2021 17:43

Tgt Ion: 107 Resp: 781282
Ion Ratio Lower Upper
107 100
108 88.8 71.5 111.5
77 127.0 82.0 122.0#
79 32.4 14.1 54.1

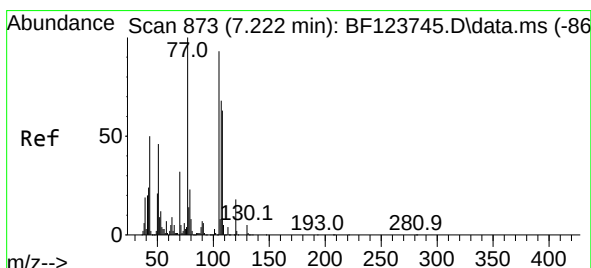
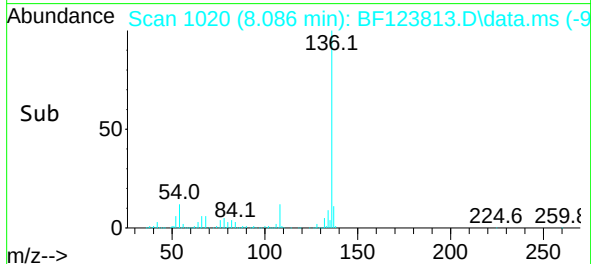
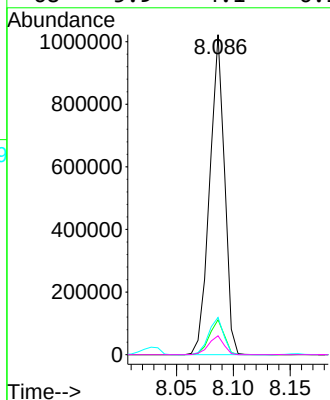
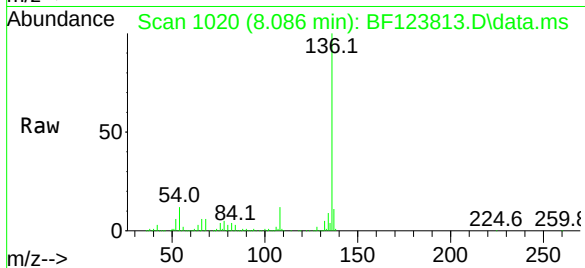




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.086 min Scan# 1020
Delta R.T. 0.000 min
Lab File: BF123813.D
Acq: 4 May 2021 17:43

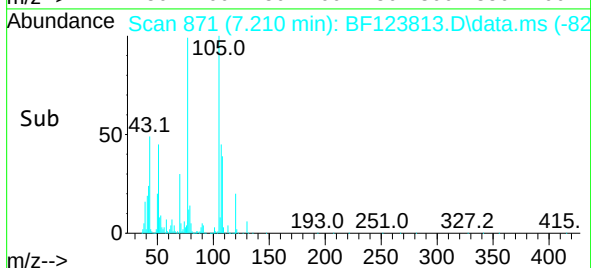
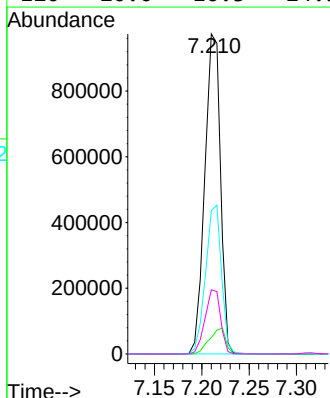
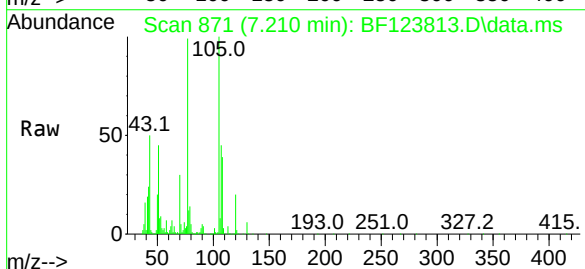
Instrument :
BNA_F
ClientSampleId :
S-1MS

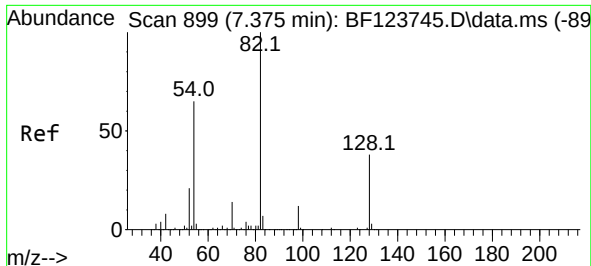
Tgt Ion:136	Resp: 927896
Ion Ratio	Lower Upper
136 100	
137 10.9	8.7 13.1
54 11.7	9.8 14.6
68 5.9	4.1 6.1



#22
Acetophenone
Concen: 44.53 ng
RT: 7.210 min Scan# 871
Delta R.T. -0.006 min
Lab File: BF123813.D
Acq: 4 May 2021 17:43

Tgt Ion:105	Resp: 1123128
Ion Ratio	Lower Upper
105 100	
71 5.1	4.2 6.4
51 44.8	33.6 50.4
120 20.0	16.3 24.5





#23

Nitrobenzene-d5

Concen: 65.41 ng

RT: 7.369 min Scan# 898

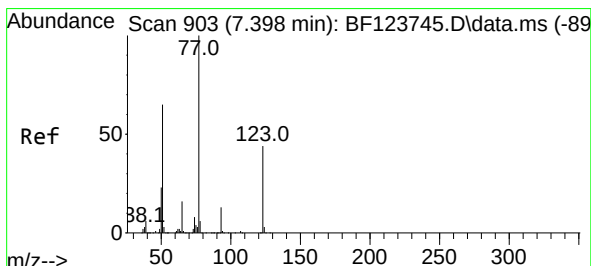
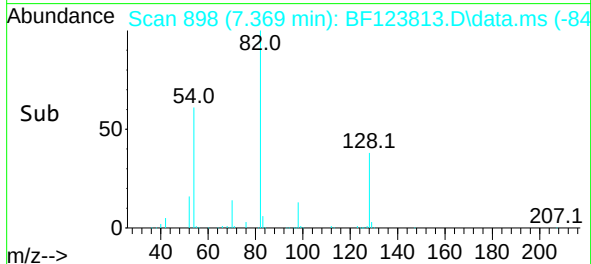
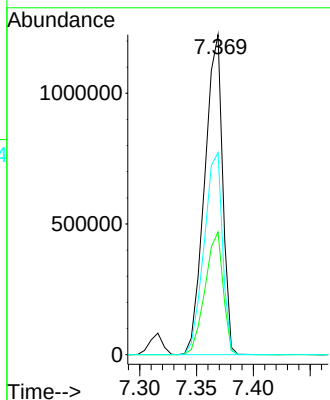
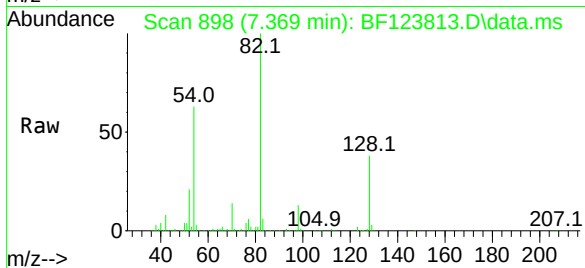
Delta R.T. 0.000 min

Lab File: BF123813.D

Acq: 4 May 2021 17:43

Tgt Ion: 82 Resp: 1344471

Ion	Ratio	Lower	Upper
82	100		
128	38.3	29.4	44.2
54	63.2	54.1	81.1



#24

Nitrobenzene

Concen: 42.12 ng

RT: 7.386 min Scan# 901

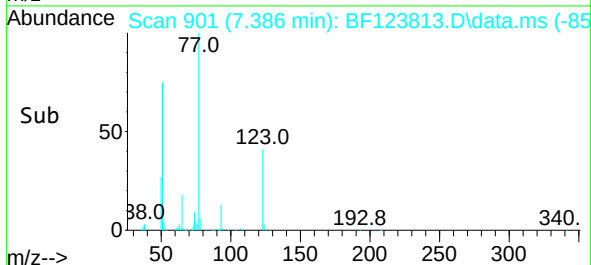
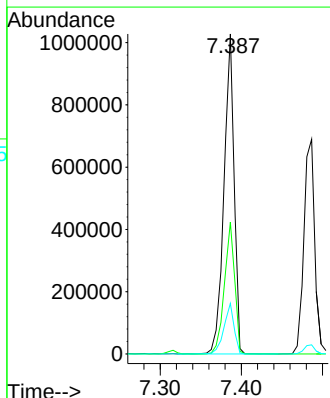
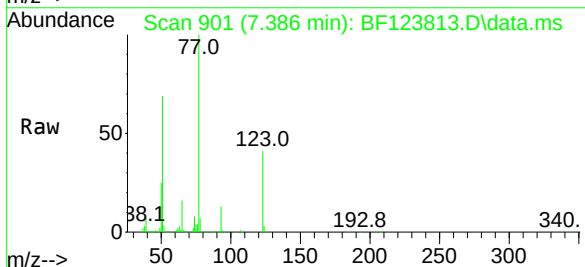
Delta R.T. 0.000 min

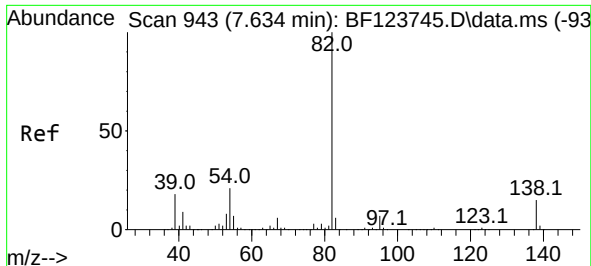
Lab File: BF123813.D

Acq: 4 May 2021 17:43

Tgt Ion: 77 Resp: 901785

Ion	Ratio	Lower	Upper
77	100		
123	41.2	34.5	51.7
65	15.8	12.2	18.2

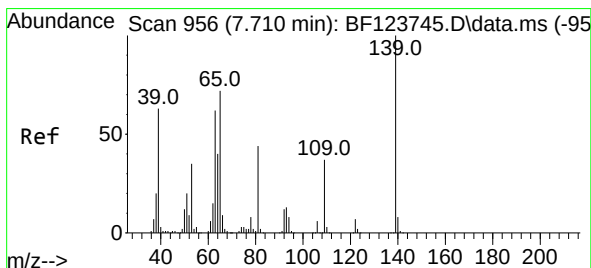
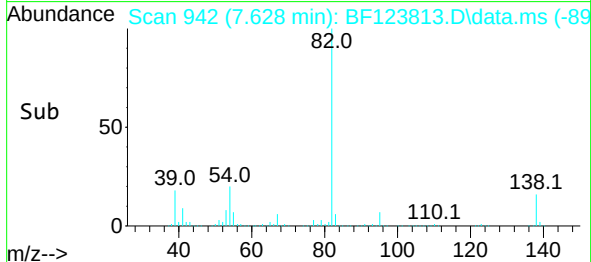
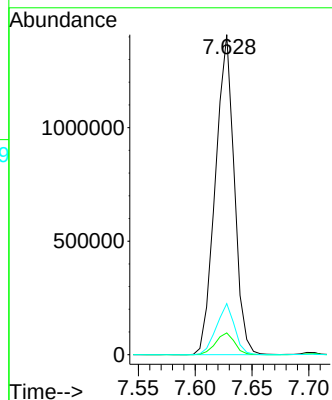
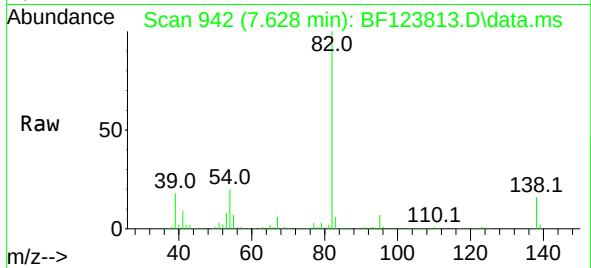




#25
Isophorone
Concen: 42.24 ng
RT: 7.628 min Scan# 942
Delta R.T. 0.000 min
Lab File: BF123813.D
Acq: 4 May 2021 17:43

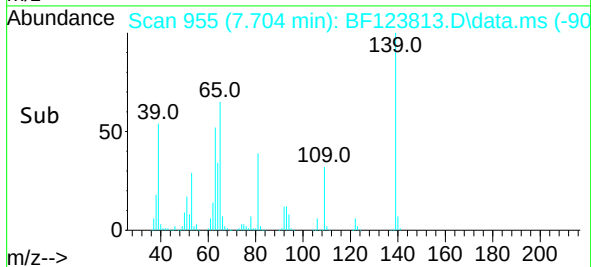
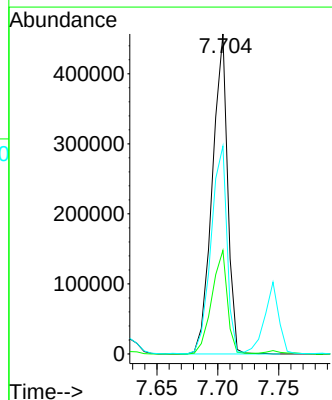
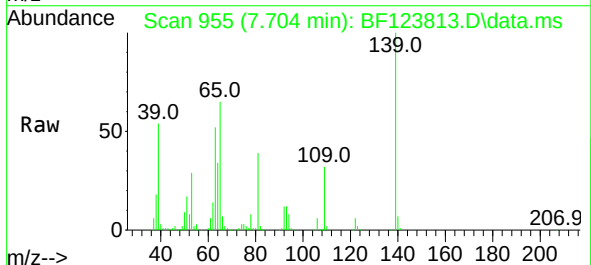
Instrument :
BNA_F
ClientSampleId :
S-1MS

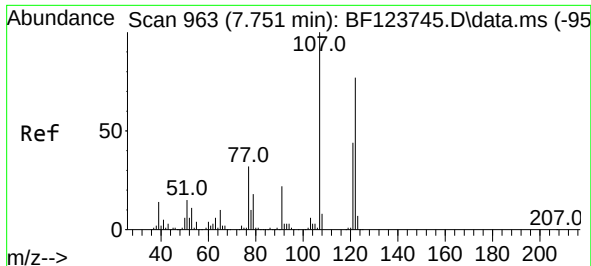
Tgt Ion: 82 Resp: 1628040
Ion Ratio Lower Upper
82 100
95 6.8 5.8 8.6
138 15.9 11.8 17.8



#26
2-Nitrophenol
Concen: 45.65 ng
RT: 7.704 min Scan# 955
Delta R.T. 0.000 min
Lab File: BF123813.D
Acq: 4 May 2021 17:43

Tgt Ion: 139 Resp: 398911
Ion Ratio Lower Upper
139 100
109 32.3 28.6 43.0
65 64.9 56.8 85.2

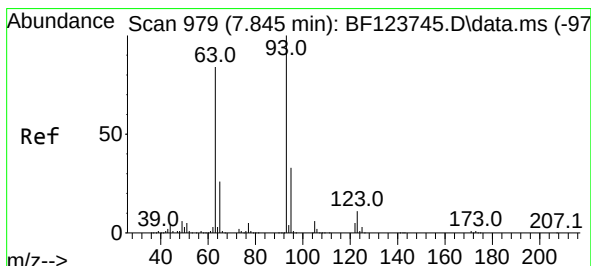
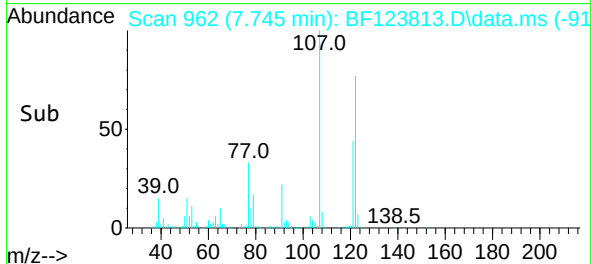
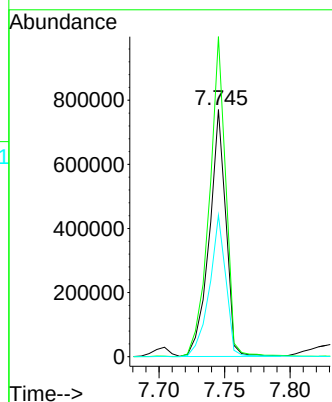
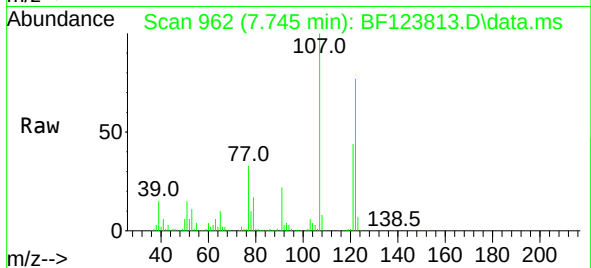




#27
2,4-Dimethylphenol
Concen: 49.30 ng
RT: 7.745 min Scan# 962
Delta R.T. 0.000 min
Lab File: BF123813.D
Acq: 4 May 2021 17:43

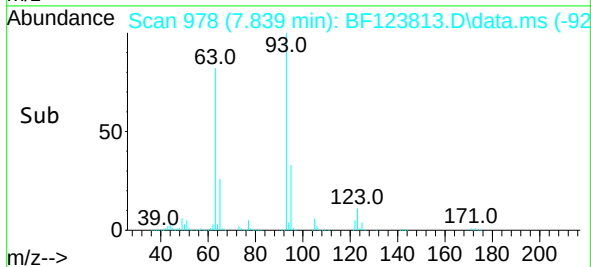
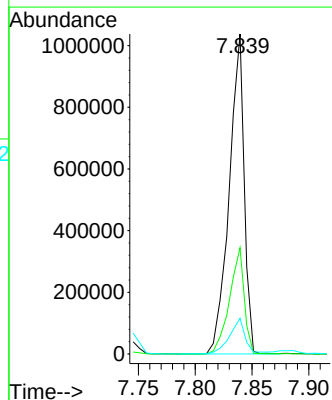
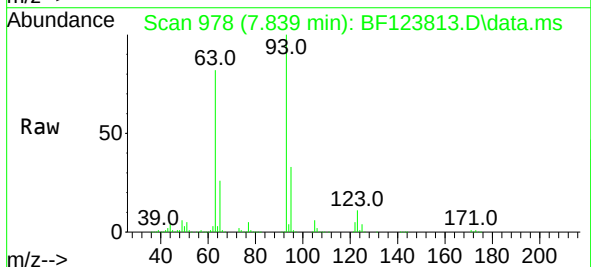
Instrument :
BNA_F
ClientSampleId :
S-1MS

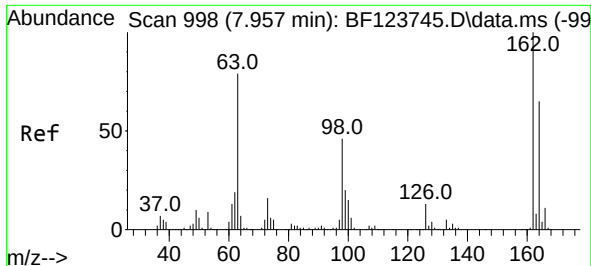
Tgt Ion:122 Resp: 676722
Ion Ratio Lower Upper
122 100
107 129.6 106.3 159.5
121 57.3 45.4 68.0



#28
bis(2-Chloroethoxy)methane
Concen: 48.62 ng
RT: 7.839 min Scan# 978
Delta R.T. 0.000 min
Lab File: BF123813.D
Acq: 4 May 2021 17:43

Tgt Ion: 93 Resp: 954825
Ion Ratio Lower Upper
93 100
95 33.2 26.5 39.7
123 11.2 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 44.18 ng

RT: 7.951 min Scan# 997

Delta R.T. 0.000 min

Lab File: BF123813.D

Acq: 4 May 2021 17:43

Instrument :

BNA_F

ClientSampleId :

S-1MS

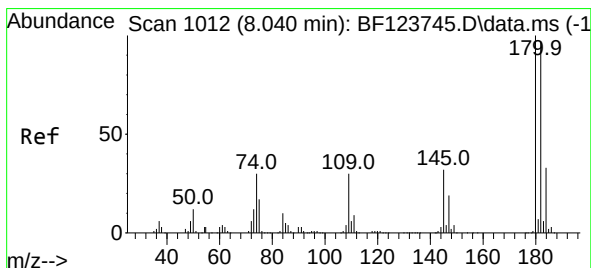
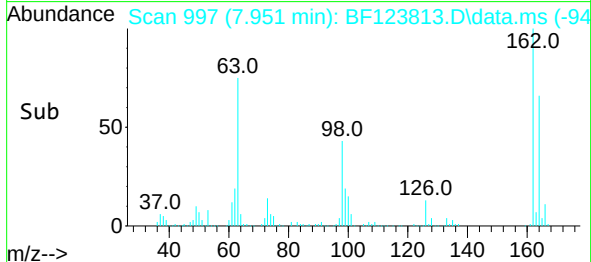
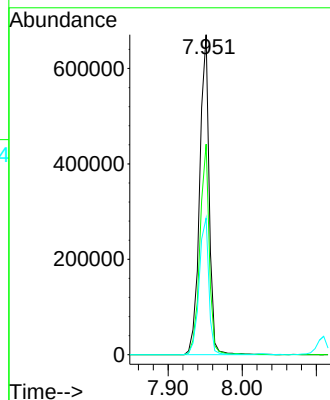
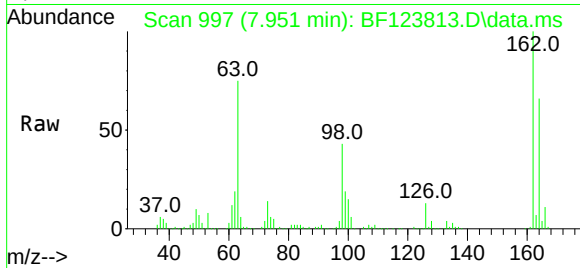
Tgt Ion:162 Resp: 597634

Ion Ratio Lower Upper

162 100

164 65.8 44.1 84.1

98 42.7 27.3 67.3



#30

1,2,4-Trichlorobenzene

Concen: 43.97 ng

RT: 8.028 min Scan# 1010

Delta R.T. 0.000 min

Lab File: BF123813.D

Acq: 4 May 2021 17:43

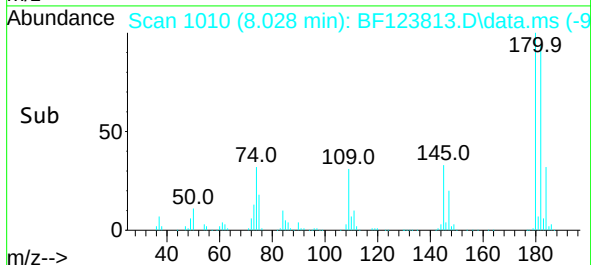
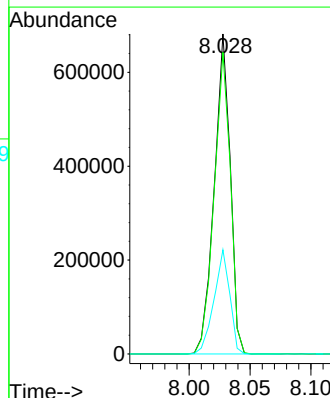
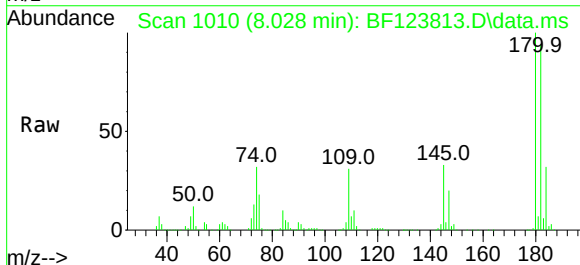
Tgt Ion:180 Resp: 623258

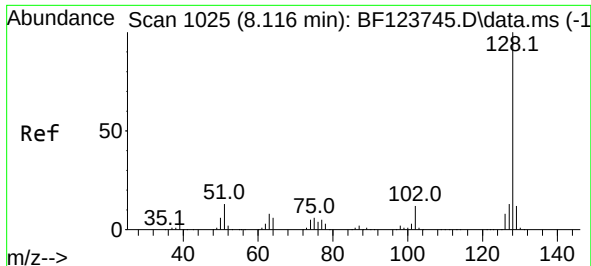
Ion Ratio Lower Upper

180 100

182 94.3 77.2 115.8

145 32.5 26.0 39.0

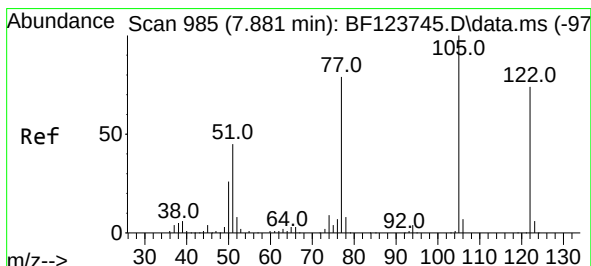
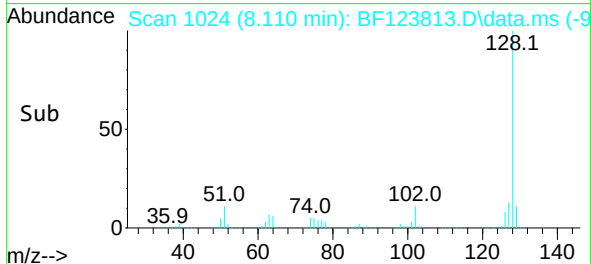
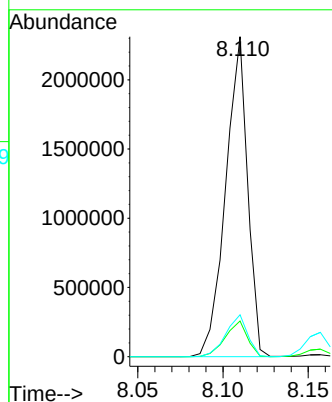
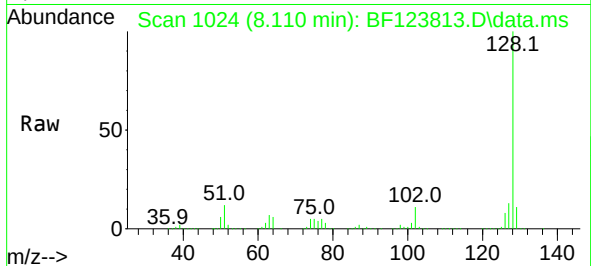




#31
Naphthalene
Concen: 43.23 ng
RT: 8.110 min Scan# 1024
Delta R.T. 0.000 min
Lab File: BF123813.D
Acq: 4 May 2021 17:43

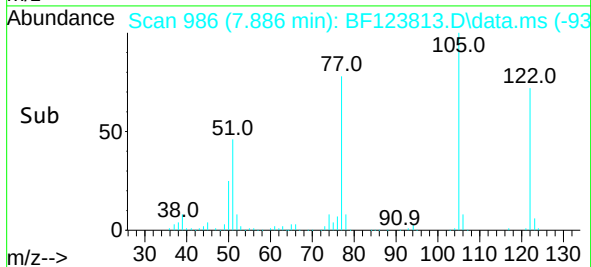
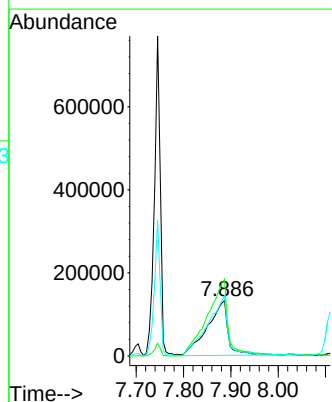
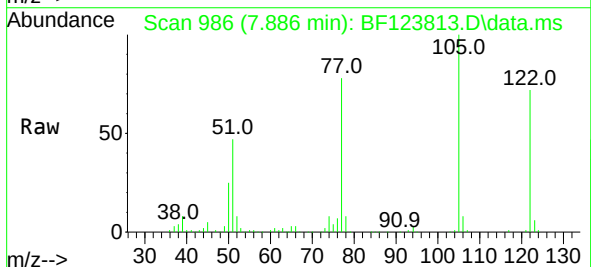
Instrument :
BNA_F
ClientSampleId :
S-1MS

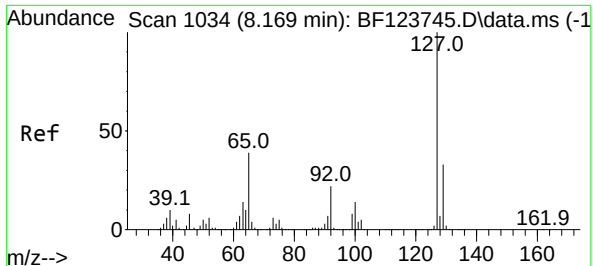
Tgt Ion:128 Resp: 2065591
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.1 10.8 16.2



#32
Benzoic acid
Concen: 43.17 ng
RT: 7.886 min Scan# 986
Delta R.T. 0.006 min
Lab File: BF123813.D
Acq: 4 May 2021 17:43

Tgt Ion:122 Resp: 401165
Ion Ratio Lower Upper
122 100
105 138.6 107.8 147.8
77 108.6 81.6 121.6

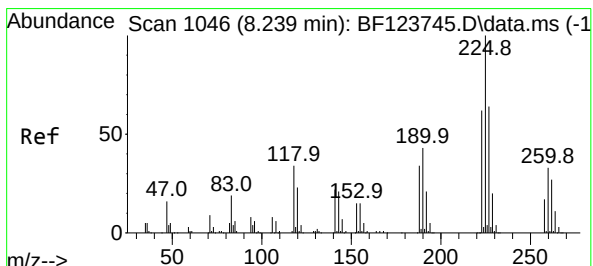
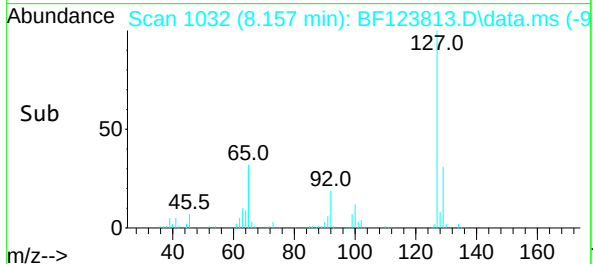
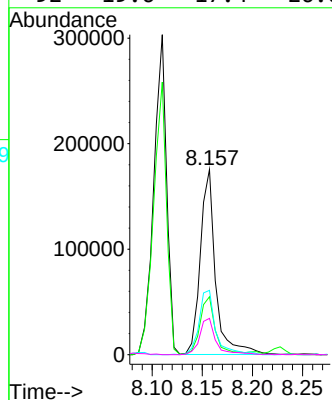
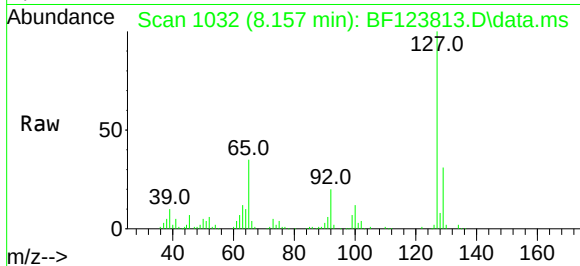




#33
4-Chloroaniline
Concen: 9.35 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF123813.D
Acq: 4 May 2021 17:43

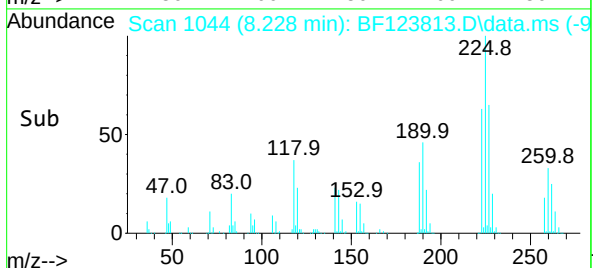
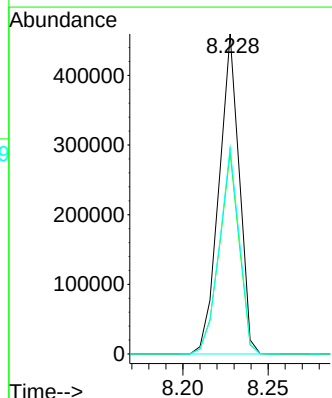
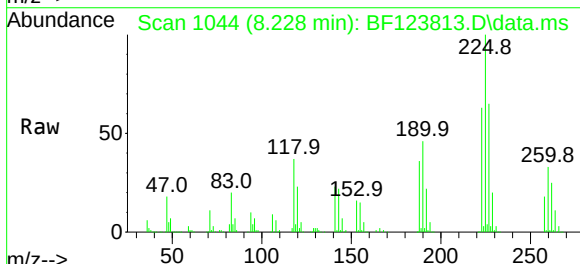
Instrument :
BNA_F
ClientSampleId :
S-1MS

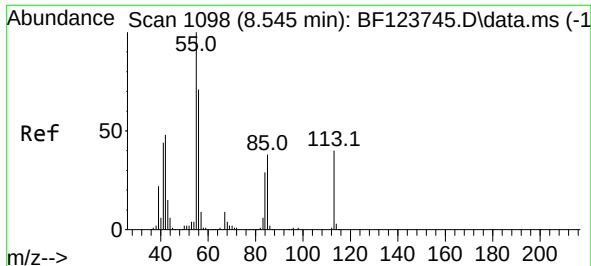
Tgt Ion:	127	Resp:	186466
Ion	Ratio	Lower	Upper
127	100		
129	31.3	25.7	38.5
65	34.7	34.5	51.7
92	19.6	17.4	26.0



#34
Hexachlorobutadiene
Concen: 43.90 ng
RT: 8.228 min Scan# 1044
Delta R.T. 0.000 min
Lab File: BF123813.D
Acq: 4 May 2021 17:43

Tgt Ion:	225	Resp:	379330
Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.4	75.6
227	64.5	51.4	77.0

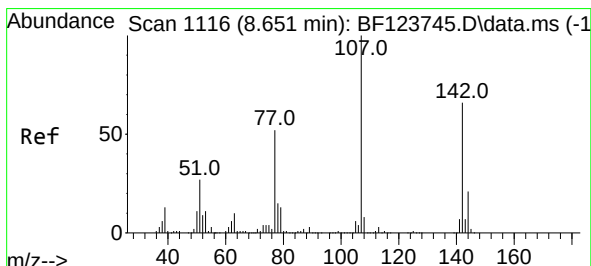
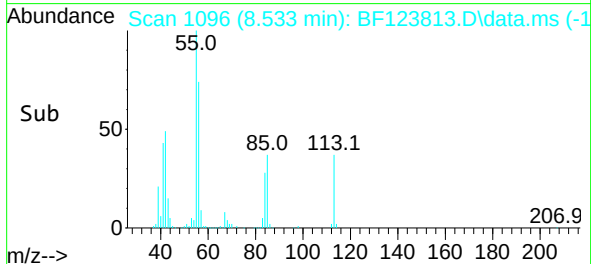
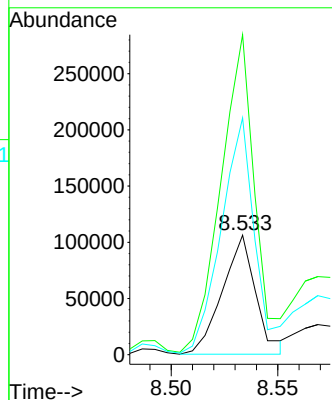
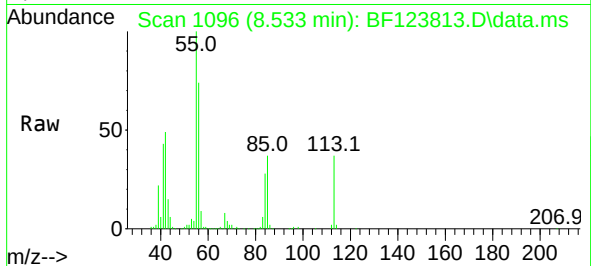




#35
Caprolactam
Concen: 24.24 ng
RT: 8.533 min Scan# 1096
Delta R.T. -0.006 min
Lab File: BF123813.D
Acq: 4 May 2021 17:43

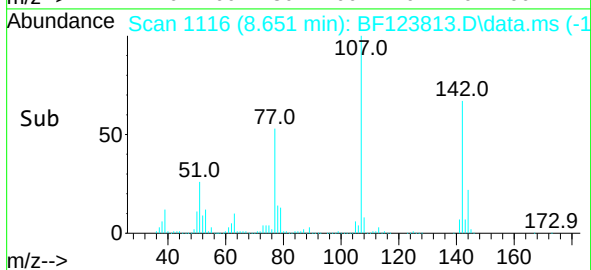
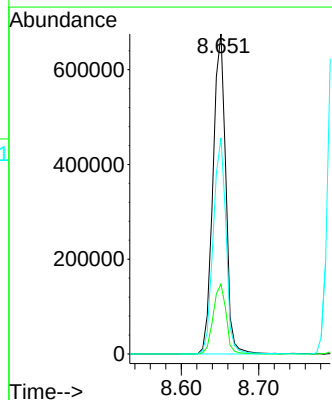
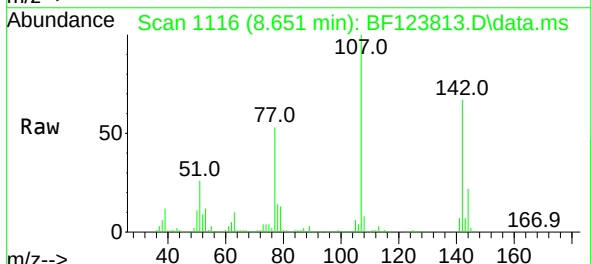
Instrument :
BNA_F
ClientSampleId :
S-1MS

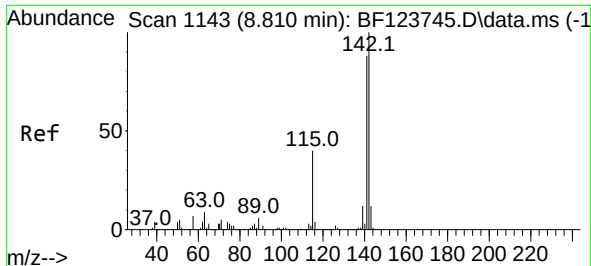
Tgt Ion:113 Resp: 115107
Ion Ratio Lower Upper
113 100
55 267.9 254.9 294.9
56 198.2 179.4 219.4



#36
4-Chloro-3-methylphenol
Concen: 45.91 ng
RT: 8.651 min Scan# 1116
Delta R.T. 0.006 min
Lab File: BF123813.D
Acq: 4 May 2021 17:43

Tgt Ion:107 Resp: 774798
Ion Ratio Lower Upper
107 100
144 21.9 16.3 24.5
142 67.5 50.1 75.1

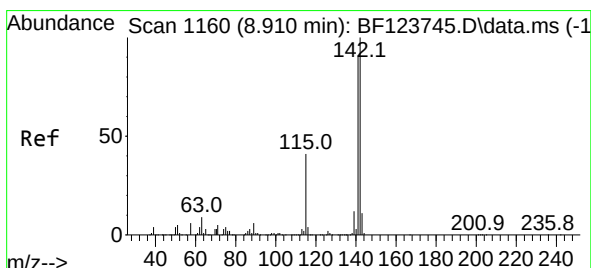
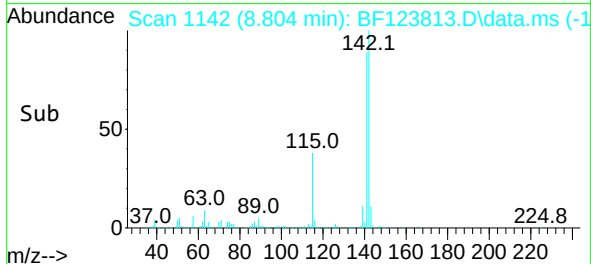
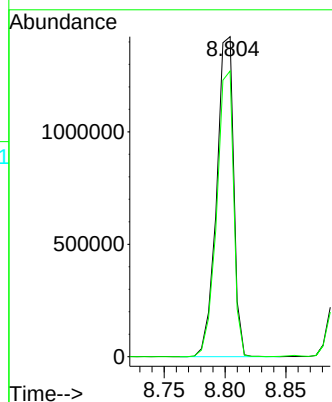
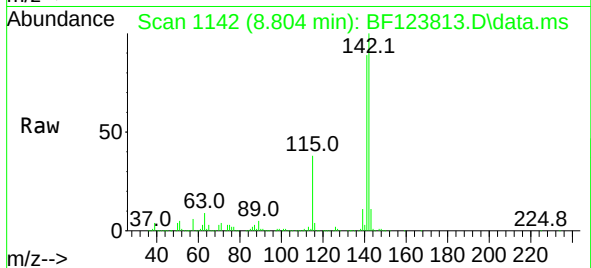




#37
2-Methylnaphthalene
Concen: 44.61 ng
RT: 8.804 min Scan# 1142
Delta R.T. 0.000 min
Lab File: BF123813.D
Acq: 4 May 2021 17:43

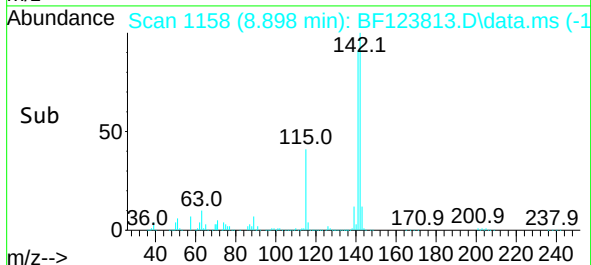
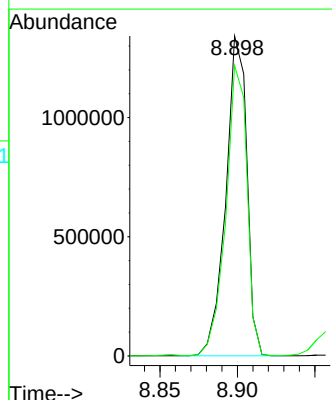
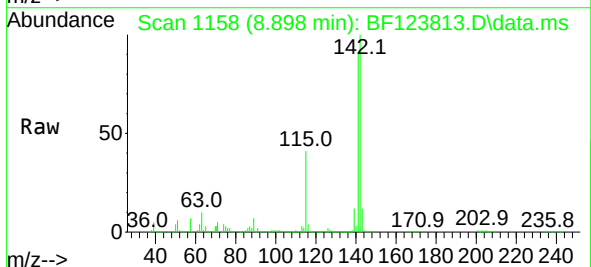
Instrument :
BNA_F
ClientSampleId :
S-1MS

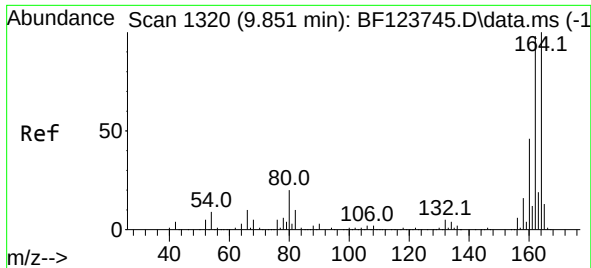
Tgt Ion:142 Resp: 1389135
Ion Ratio Lower Upper
142 100
141 89.3 71.8 107.6



#38
1-Methylnaphthalene
Concen: 43.33 ng
RT: 8.898 min Scan# 1158
Delta R.T. -0.006 min
Lab File: BF123813.D
Acq: 4 May 2021 17:43

Tgt Ion:142 Resp: 1268145
Ion Ratio Lower Upper
142 100
141 90.7 72.8 109.2

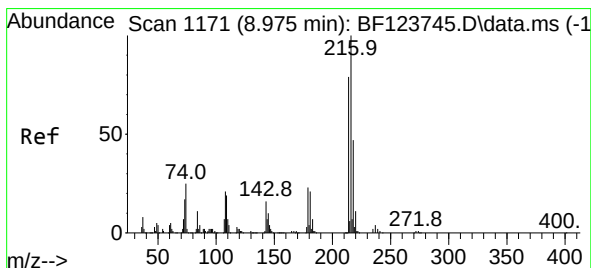
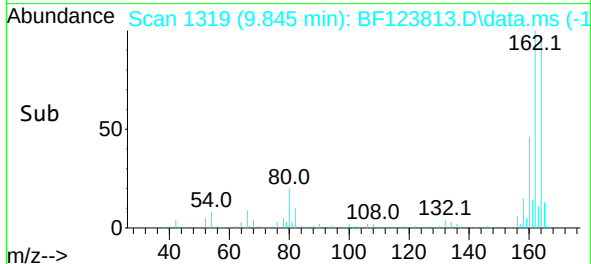
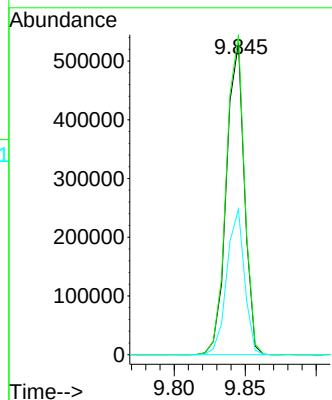
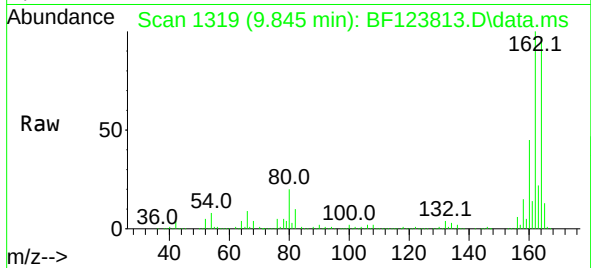




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.845 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BF123813.D
Acq: 4 May 2021 17:43

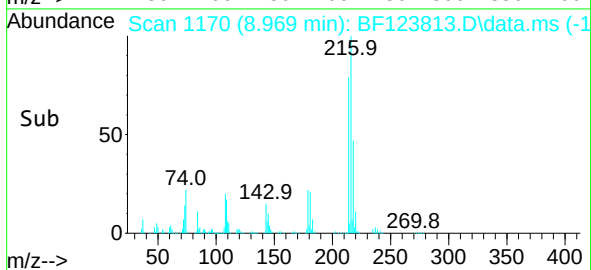
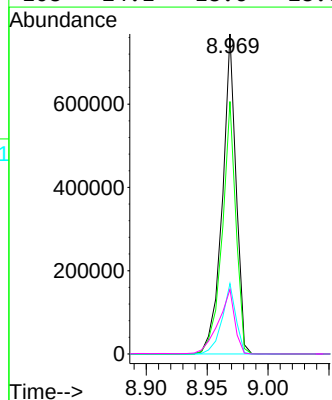
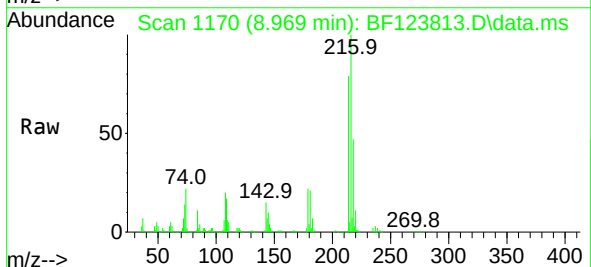
Instrument :
BNA_F
ClientSampleId :
S-1MS

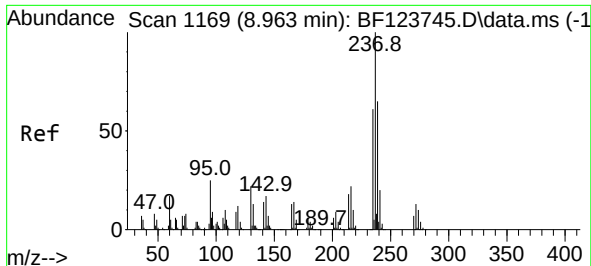
Tgt Ion:164 Resp: 466244
Ion Ratio Lower Upper
164 100
162 102.7 80.7 121.1
160 46.7 37.3 55.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.96 ng
RT: 8.969 min Scan# 1170
Delta R.T. 0.000 min
Lab File: BF123813.D
Acq: 4 May 2021 17:43

Tgt Ion:216 Resp: 603151
Ion Ratio Lower Upper
216 100
214 78.3 63.8 95.8
179 22.1 17.9 26.9
108 24.1 18.6 28.0

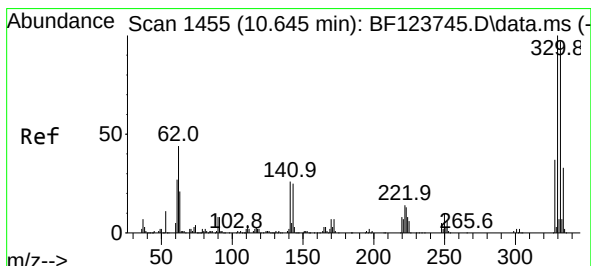
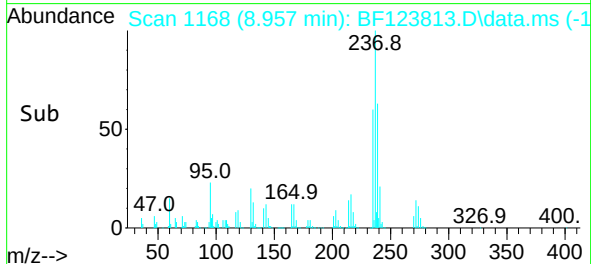
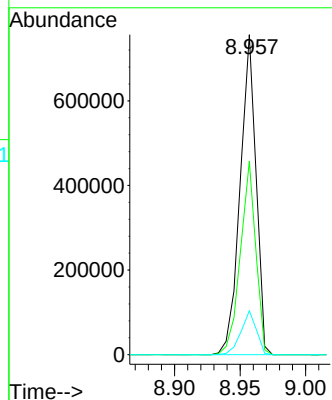
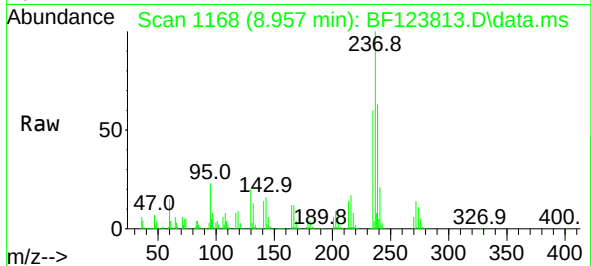




#41
Hexachlorocyclopentadiene
Concen: 106.79 ng
RT: 8.957 min Scan# 1168
Delta R.T. 0.000 min
Lab File: BF123813.D
Acq: 4 May 2021 17:43

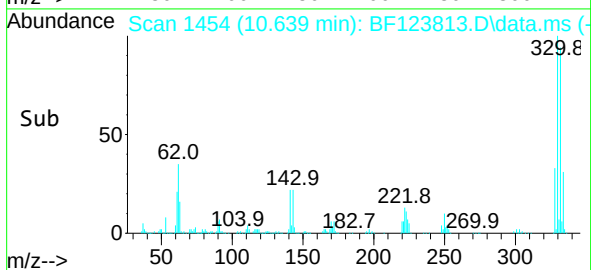
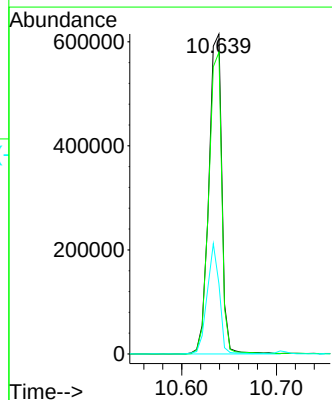
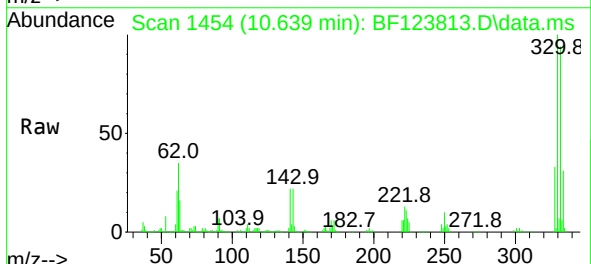
Instrument :
BNA_F
ClientSampleId :
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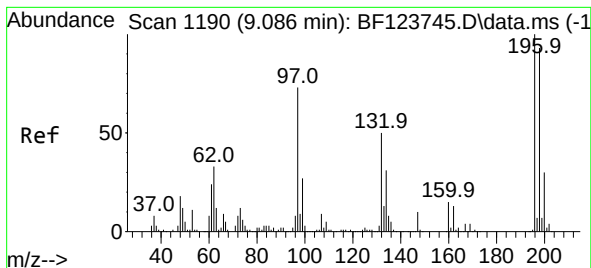
Tgt Ion:237 Resp: 639890
Ion Ratio Lower Upper
237 100
235 60.4 38.8 78.8
272 13.7 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 100.75 ng
RT: 10.639 min Scan# 1454
Delta R.T. 0.006 min
Lab File: BF123813.D
Acq: 4 May 2021 17:43

Tgt Ion:330 Resp: 584781
Ion Ratio Lower Upper
330 100
332 94.3 77.1 115.7
141 32.2 27.9 41.9

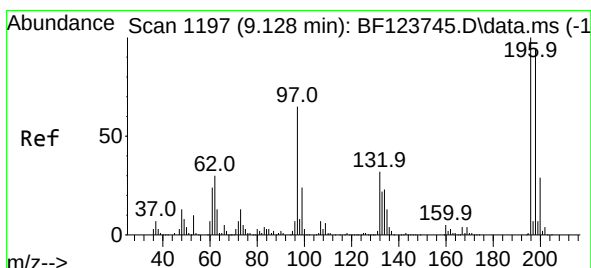
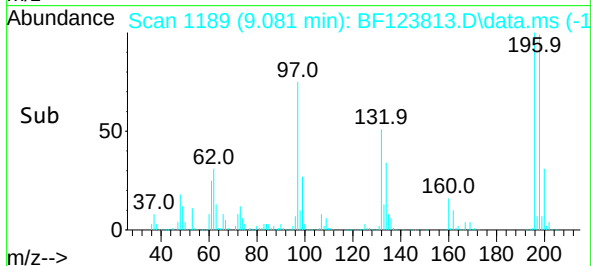
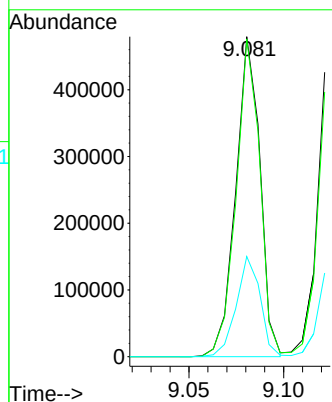
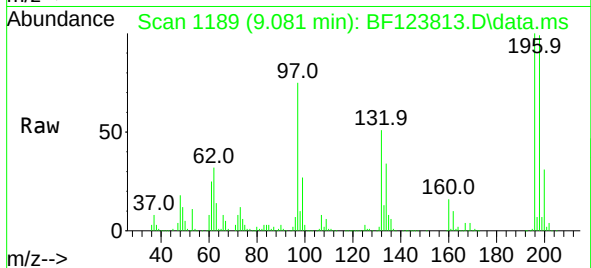




#43
2,4,6-Trichlorophenol
Concen: 45.07 ng
RT: 9.081 min Scan# 1189
Delta R.T. 0.000 min
Lab File: BF123813.D
Acq: 4 May 2021 17:43

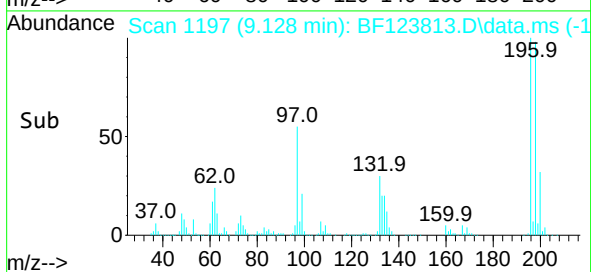
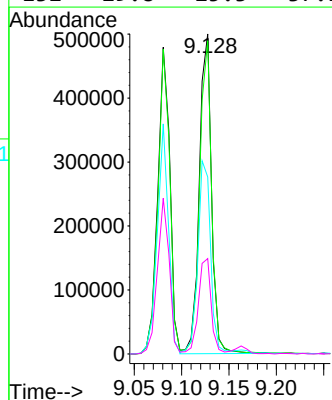
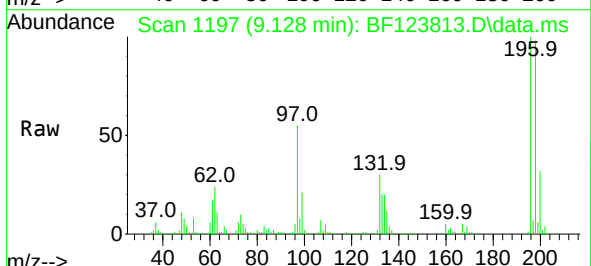
Instrument :
BNA_F
ClientSampleId :
S-1MS

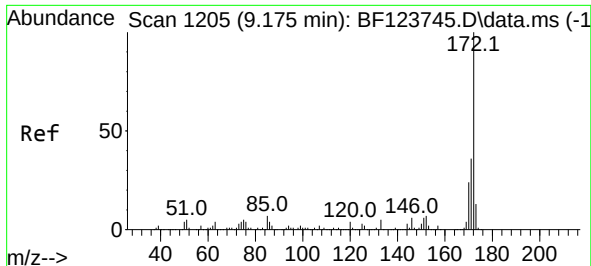
Tgt Ion:196 Resp: 425992
Ion Ratio Lower Upper
196 100
198 99.3 78.2 117.2
200 31.3 25.0 37.6



#44
2,4,5-Trichlorophenol
Concen: 44.24 ng
RT: 9.128 min Scan# 1197
Delta R.T. 0.000 min
Lab File: BF123813.D
Acq: 4 May 2021 17:43

Tgt Ion:196 Resp: 448580
Ion Ratio Lower Upper
196 100
198 97.9 76.5 114.7
97 55.3 52.9 79.3
132 29.8 25.3 37.9

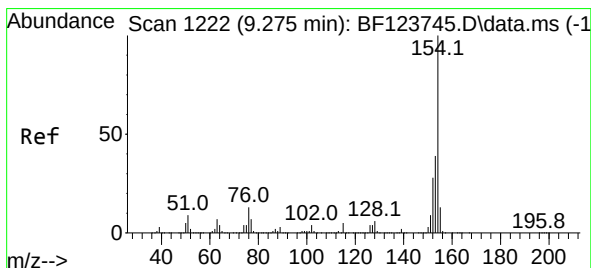
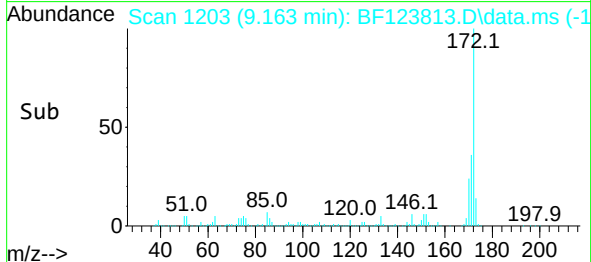
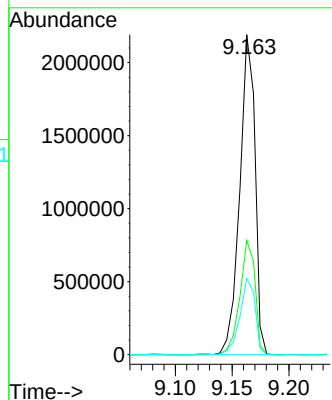
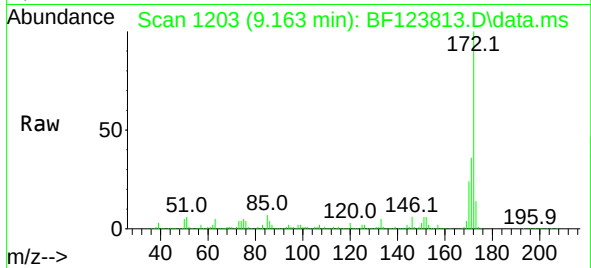




#45
2-Fluorobiphenyl
Concen: 64.14 ng
RT: 9.163 min Scan# 1203
Delta R.T. -0.006 min
Lab File: BF123813.D
Acq: 4 May 2021 17:43

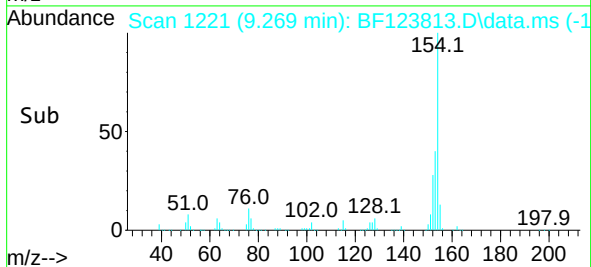
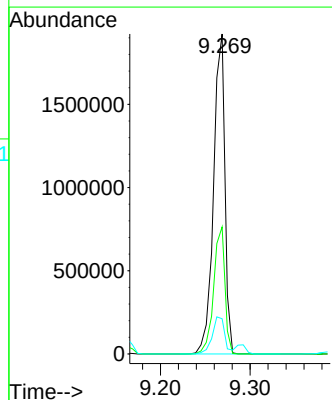
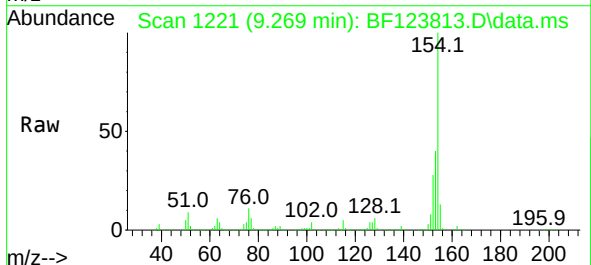
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ClientSampleId :
S-1MS

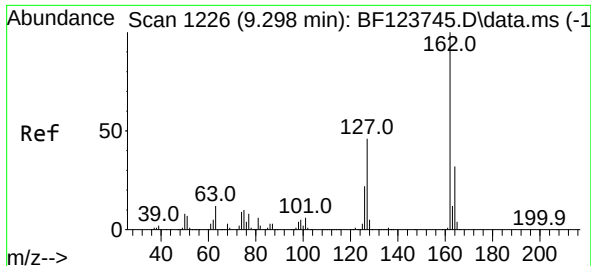
Tgt Ion:172 Resp: 2053535
Ion Ratio Lower Upper
172 100
171 35.7 28.1 42.1
170 23.8 19.2 28.8



#46
1,1'-Biphenyl
Concen: 44.25 ng
RT: 9.269 min Scan# 1221
Delta R.T. 0.000 min
Lab File: BF123813.D
Acq: 4 May 2021 17:43

Tgt Ion:154 Resp: 1690083
Ion Ratio Lower Upper
154 100
153 39.7 20.7 60.7
76 11.0 0.0 31.7





#47

2-Chloronaphthalene

Concen: 43.32 ng

RT: 9.292 min Scan# 1225

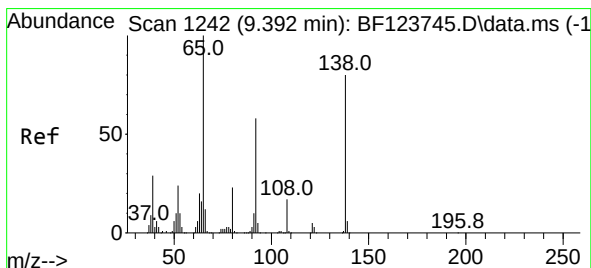
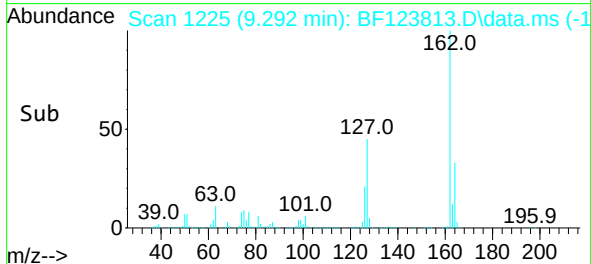
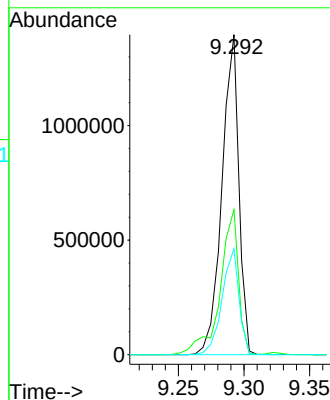
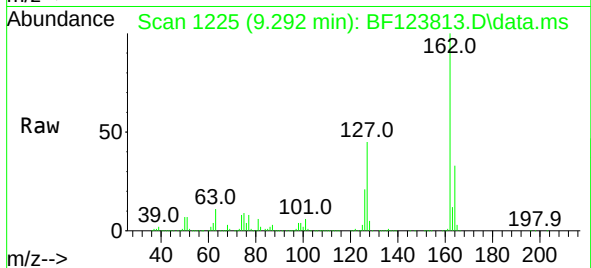
Delta R.T. 0.000 min

Lab File: BF123813.D

Acq: 4 May 2021 17:43

Tgt Ion: 162 Resp: 1247751

Ion	Ratio	Lower	Upper
162	100		
127	45.3	36.2	54.2
164	33.1	25.4	38.2



#48

2-Nitroaniline

Concen: 43.57 ng

RT: 9.386 min Scan# 1241

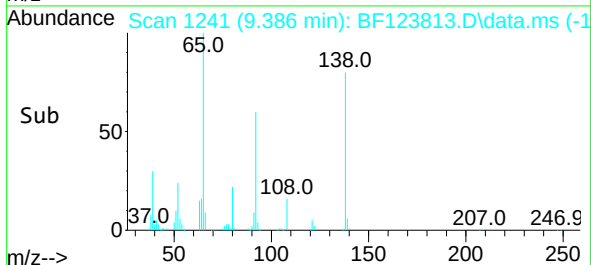
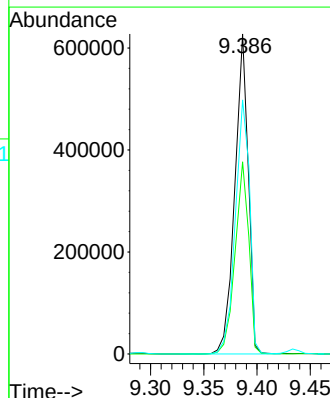
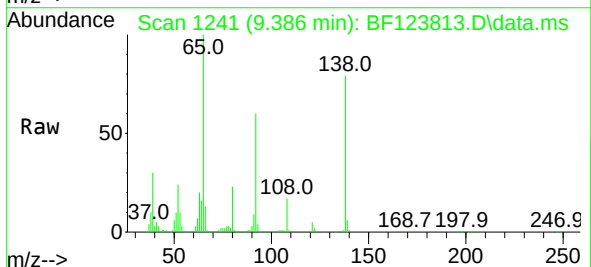
Delta R.T. 0.000 min

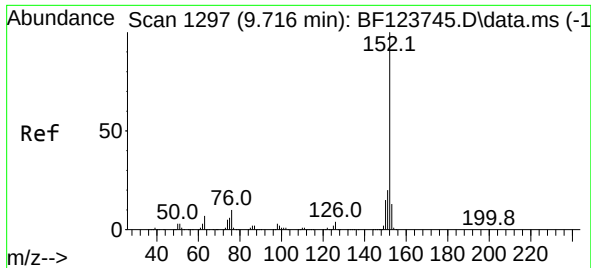
Lab File: BF123813.D

Acq: 4 May 2021 17:43

Tgt Ion: 65 Resp: 552740

Ion	Ratio	Lower	Upper
65	100		
92	60.1	47.1	70.7
138	79.4	70.2	105.2

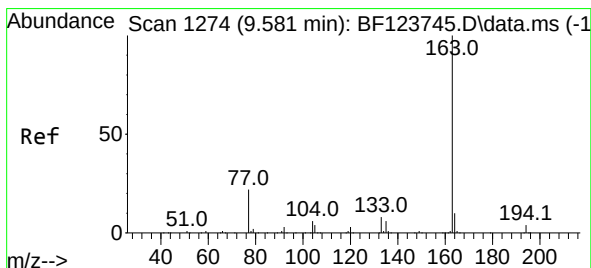
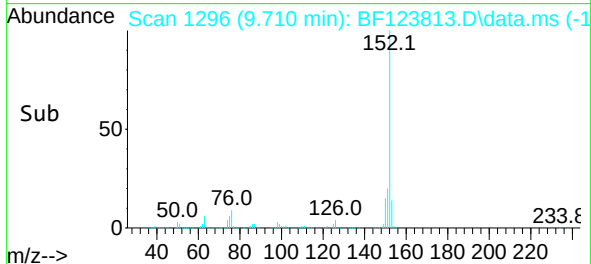
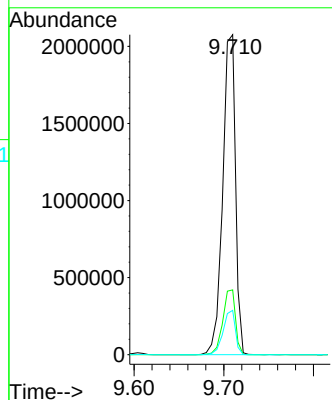
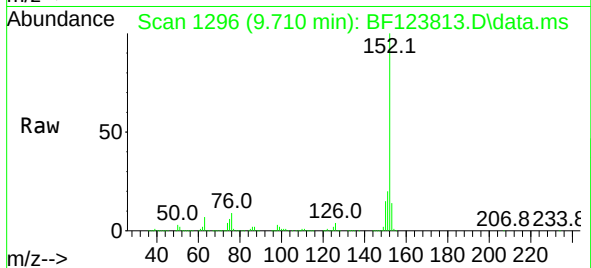




#49
Acenaphthylene
Concen: 44.15 ng
RT: 9.710 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BF123813.D
Acq: 4 May 2021 17:43

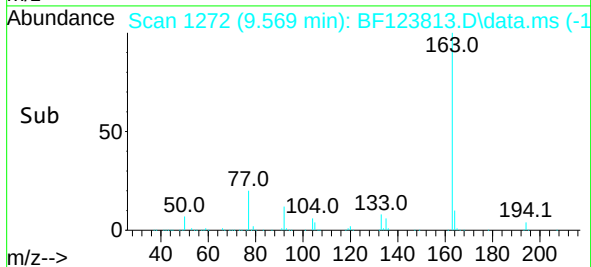
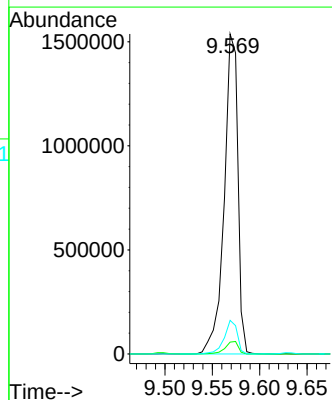
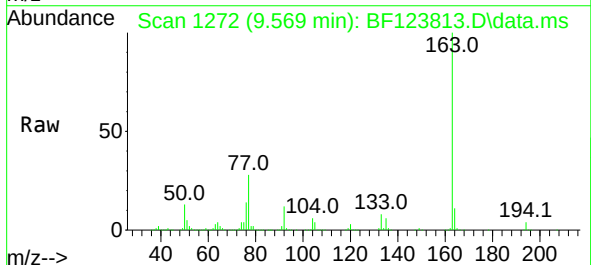
Instrument :
BNA_F
ClientSampleId :
S-1MS

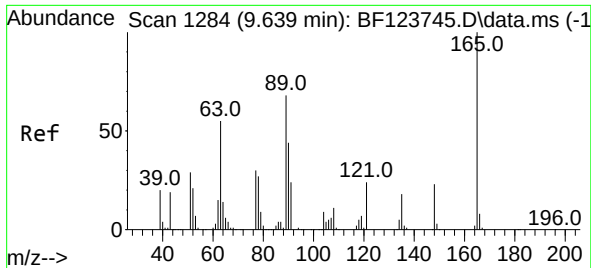
Tgt Ion:152 Resp: 2052586
Ion Ratio Lower Upper
152 100
151 20.3 16.0 24.0
153 13.9 10.4 15.6



#50
Dimethylphthalate
Concen: 47.23 ng
RT: 9.569 min Scan# 1272
Delta R.T. 0.000 min
Lab File: BF123813.D
Acq: 4 May 2021 17:43

Tgt Ion:163 Resp: 1551070
Ion Ratio Lower Upper
163 100
194 3.7 3.1 4.7
164 10.5 8.2 12.2

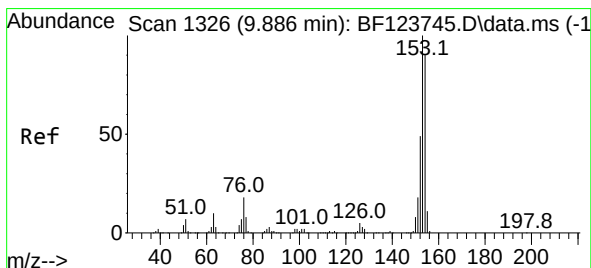
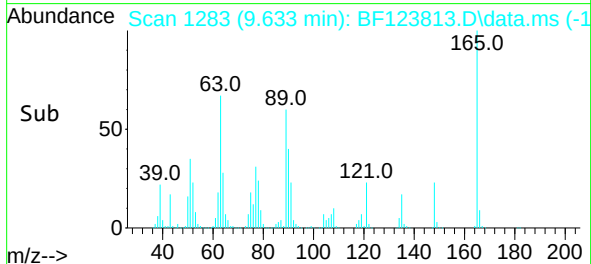
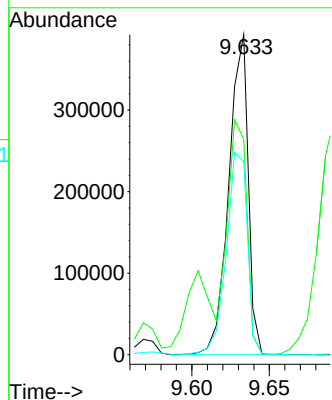
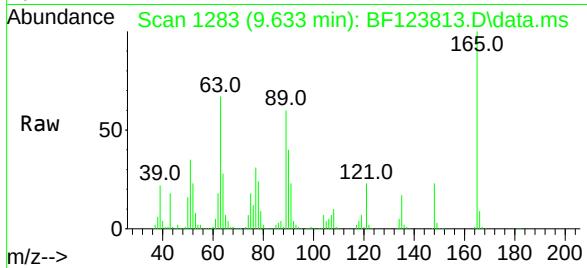




#51
2,6-Dinitrotoluene
Concen: 44.96 ng
RT: 9.633 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BF123813.D
Acq: 4 May 2021 17:43

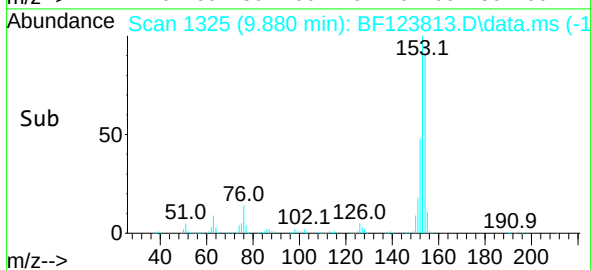
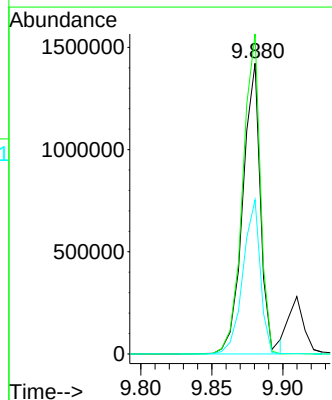
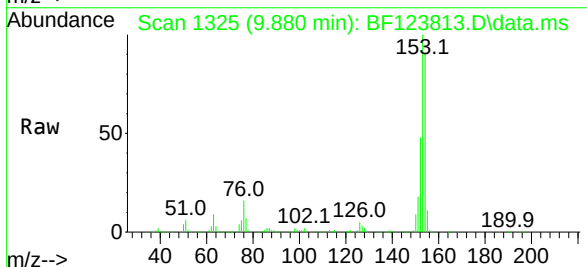
Instrument :
BNA_F
ClientSampleId :
S-1MS

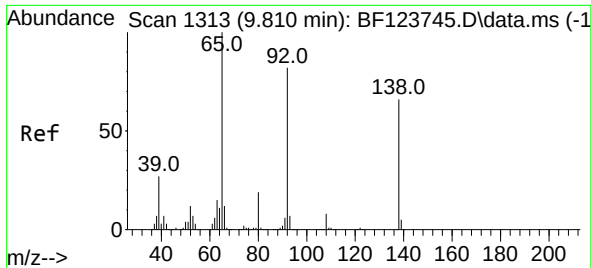
Tgt Ion:165 Resp: 341376
Ion Ratio Lower Upper
165 100
63 67.4 67.7 101.5#
89 60.3 58.8 88.2



#52
Acenaphthene
Concen: 43.91 ng
RT: 9.880 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF123813.D
Acq: 4 May 2021 17:43

Tgt Ion:154 Resp: 1243605
Ion Ratio Lower Upper
154 100
153 110.1 88.1 132.1
152 53.1 43.4 65.0

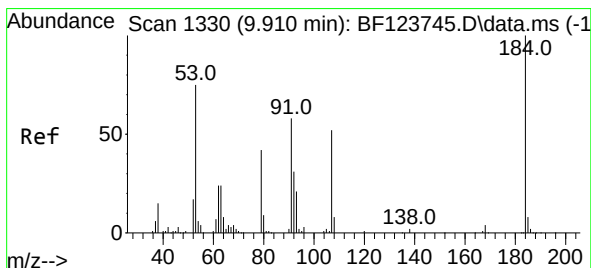
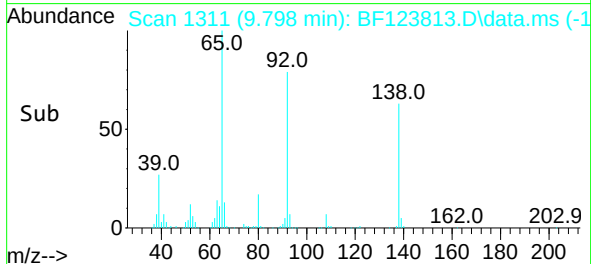
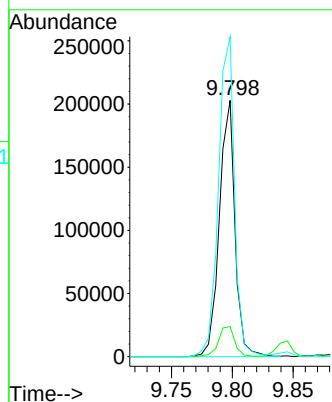
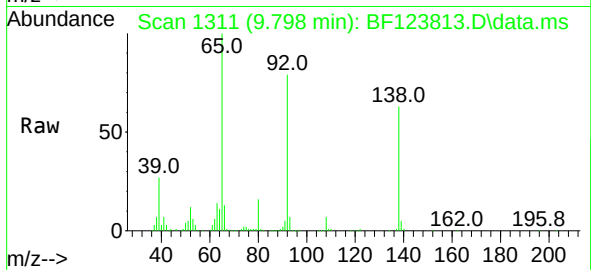




#53
3-Nitroaniline
Concen: 19.99 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.000 min
Lab File: BF123813.D
Acq: 4 May 2021 17:43

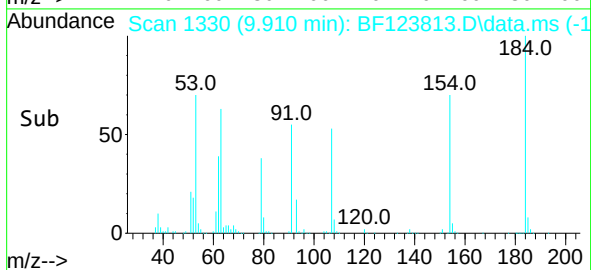
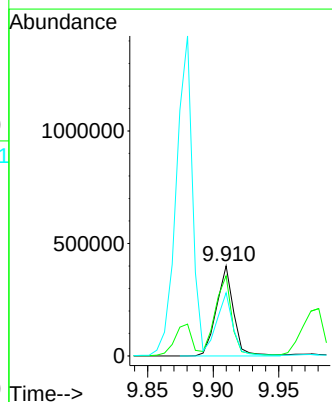
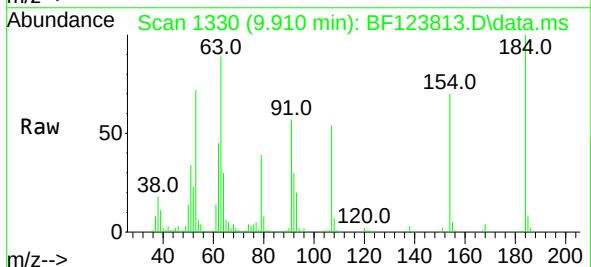
Instrument :
BNA_F
ClientSampleId :
S-1MS

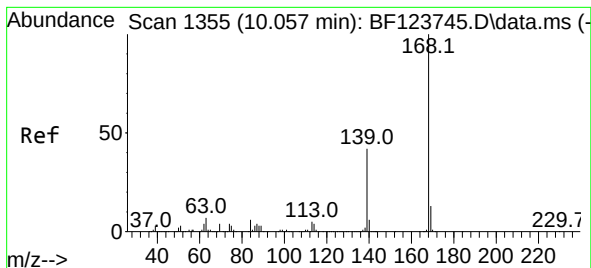
Tgt Ion:138 Resp: 181287
Ion Ratio Lower Upper
138 100
108 11.7 10.2 15.4
92 124.8 103.3 154.9



#54
2,4-Dinitrophenol
Concen: 89.91 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.006 min
Lab File: BF123813.D
Acq: 4 May 2021 17:43

Tgt Ion:184 Resp: 362550
Ion Ratio Lower Upper
184 100
63 89.0 73.5 110.3
154 70.1 52.5 78.7

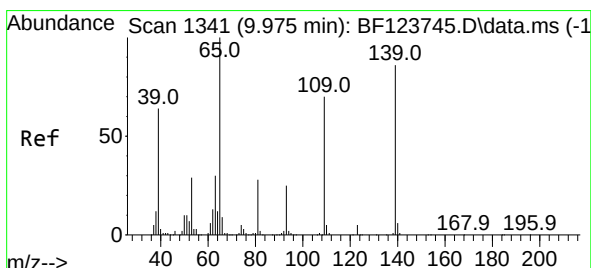
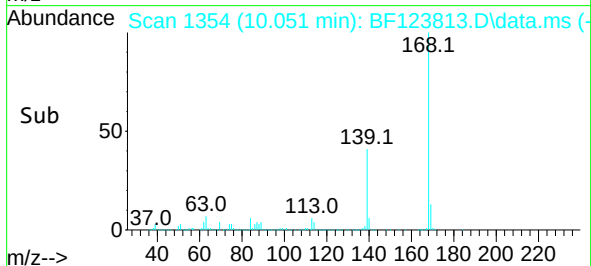
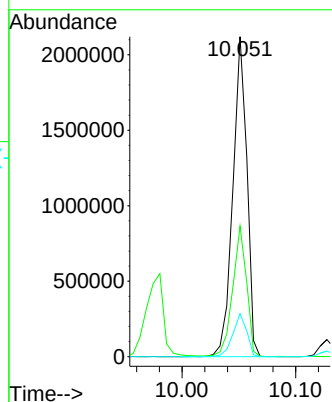
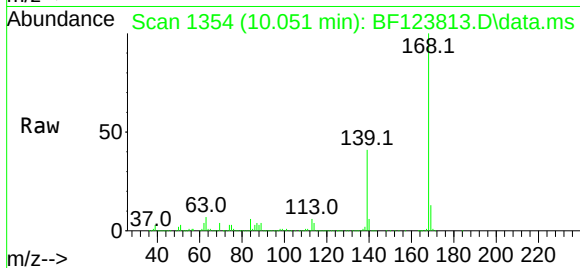




#55
Dibenzenofuran
Concen: 42.46 ng
RT: 10.051 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BF123813.D
Acq: 4 May 2021 17:43

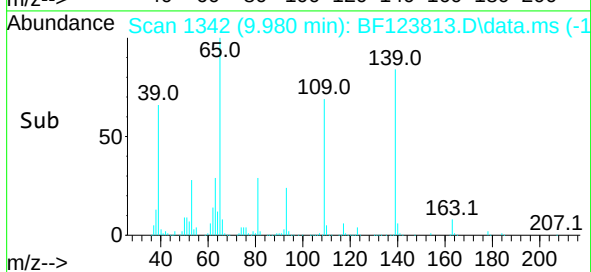
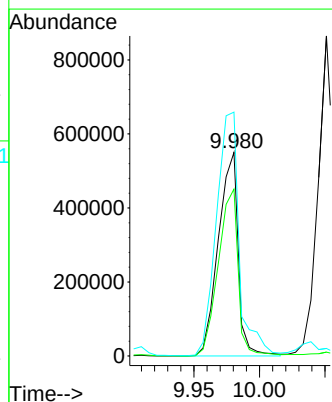
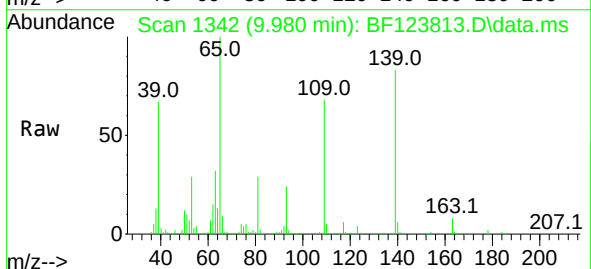
Instrument :
BNA_F
ClientSampleId :
S-1MS

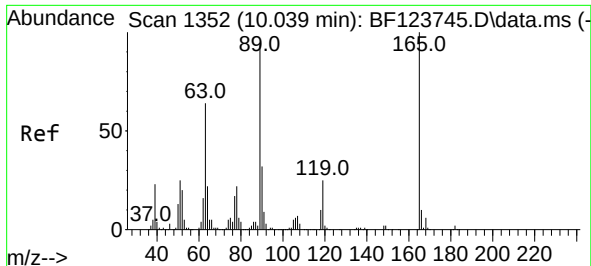
Tgt Ion:168 Resp: 1818761
Ion Ratio Lower Upper
168 100
139 40.8 33.2 49.8
169 13.5 10.8 16.2



#56
4-Nitrophenol
Concen: 87.72 ng
RT: 9.980 min Scan# 1342
Delta R.T. 0.012 min
Lab File: BF123813.D
Acq: 4 May 2021 17:43

Tgt Ion:139 Resp: 579336
Ion Ratio Lower Upper
139 100
109 82.0 63.2 103.2
65 119.8 110.0 150.0

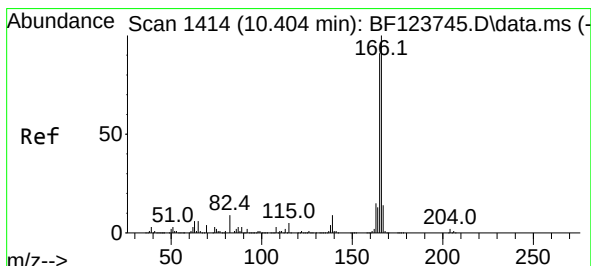
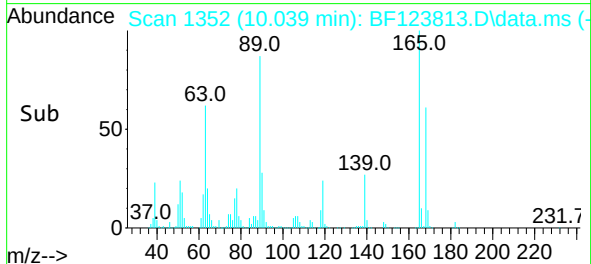
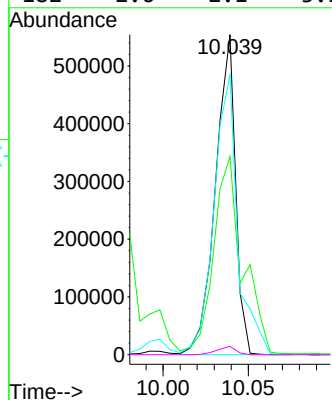
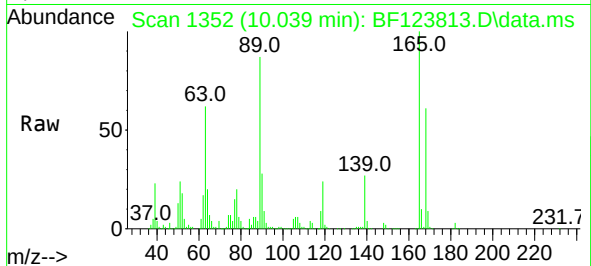




#57
2,4-Dinitrotoluene
Concen: 43.97 ng
RT: 10.039 min Scan# 1352
Delta R.T. 0.006 min
Lab File: BF123813.D
Acq: 4 May 2021 17:43

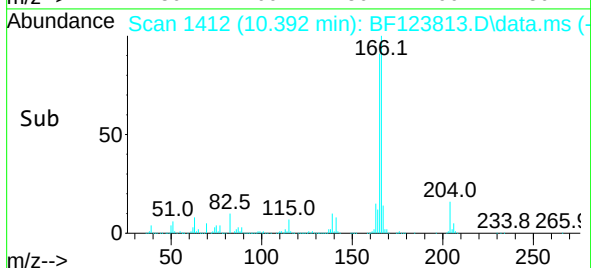
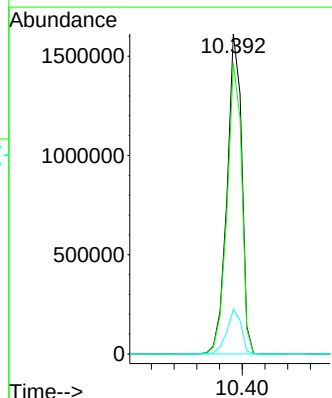
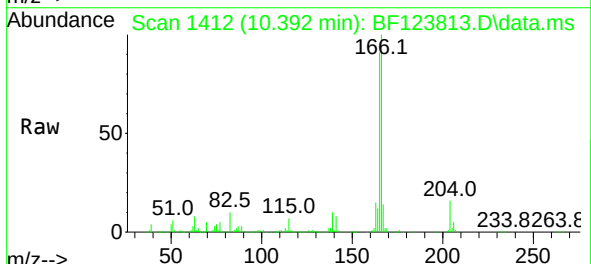
Instrument :
BNA_F
ClientSampleId :
S-1MS

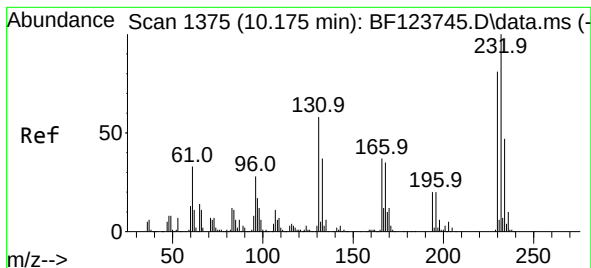
Tgt Ion:165 Resp: 455097
Ion Ratio Lower Upper
165 100
63 61.9 43.5 65.3
89 87.3 67.7 101.5
182 2.6 2.1 3.1



#58
Fluorene
Concen: 43.93 ng
RT: 10.392 min Scan# 1412
Delta R.T. 0.000 min
Lab File: BF123813.D
Acq: 4 May 2021 17:43

Tgt Ion:166 Resp: 1446193
Ion Ratio Lower Upper
166 100
165 90.9 73.5 110.3
167 13.9 10.7 16.1

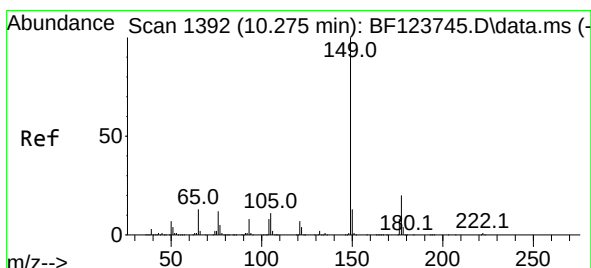
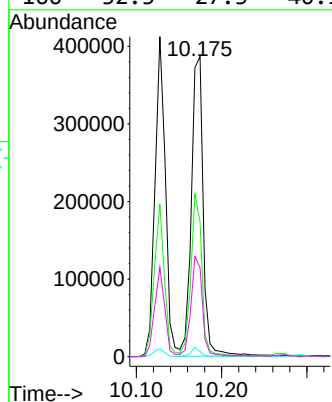
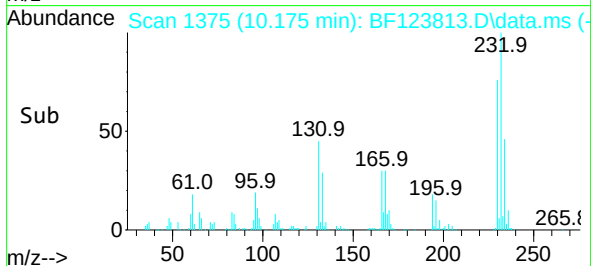
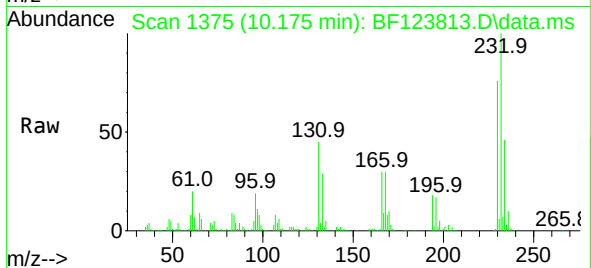




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.18 ng
RT: 10.175 min Scan# 1375
Delta R.T. 0.006 min
Lab File: BF123813.D
Acq: 4 May 2021 17:43

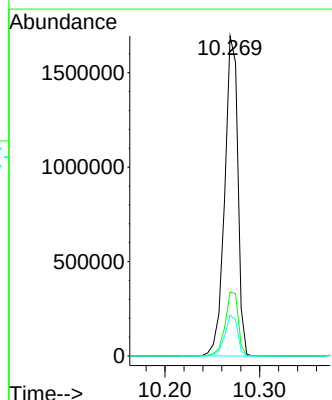
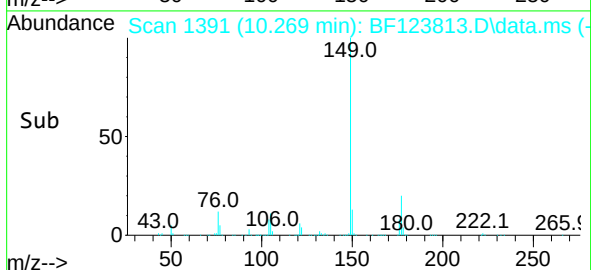
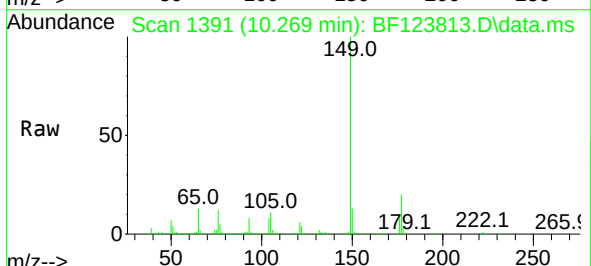
Instrument :
BNA_F
ClientSampleId :
S-1MS

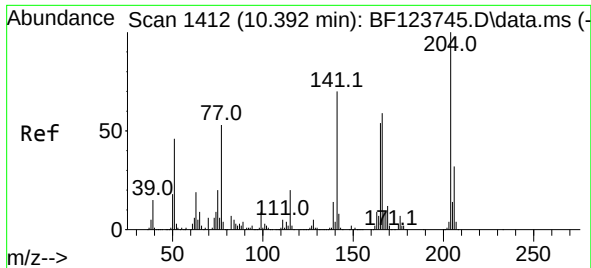
Tgt Ion:232 Resp: 370802
Ion Ratio Lower Upper
232 100
131 50.0 43.2 64.8
130 2.5 2.2 3.2
166 32.3 27.3 40.9



#60
Diethylphthalate
Concen: 46.84 ng
RT: 10.269 min Scan# 1391
Delta R.T. 0.000 min
Lab File: BF123813.D
Acq: 4 May 2021 17:43

Tgt Ion:149 Resp: 1637140
Ion Ratio Lower Upper
149 100
177 20.0 15.4 23.2
150 12.8 9.9 14.9

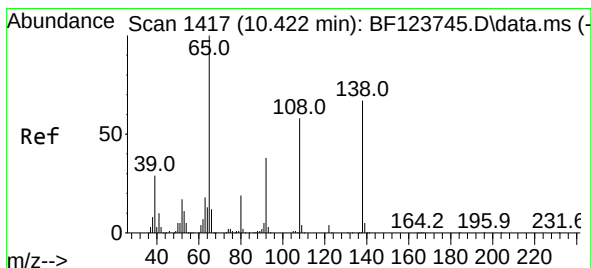
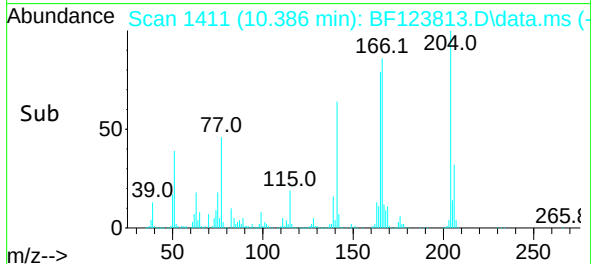
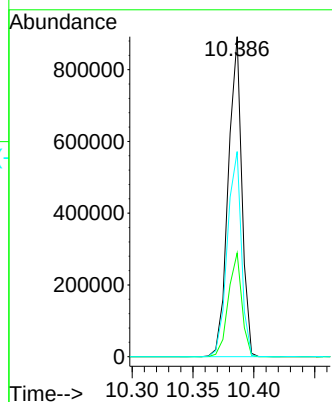
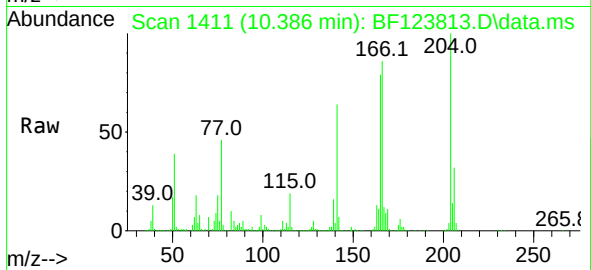




#61
4-Chlorophenyl-phenylether
Concen: 45.21 ng
RT: 10.386 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BF123813.D
Acq: 4 May 2021 17:43

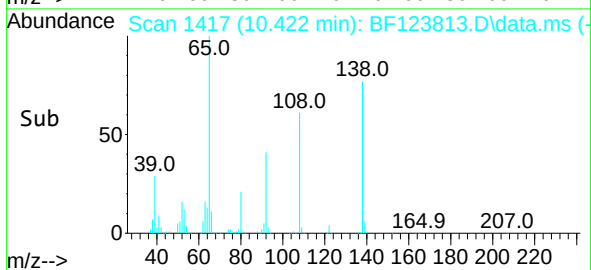
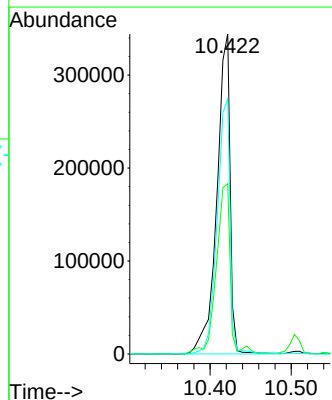
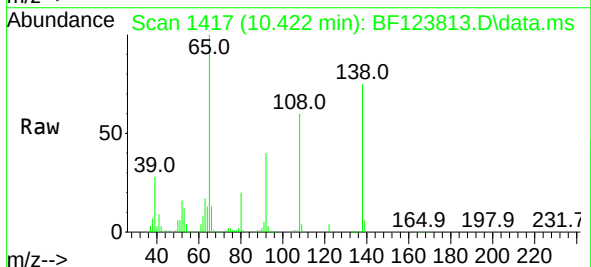
Instrument :
BNA_F
ClientSampleId :
S-1MS

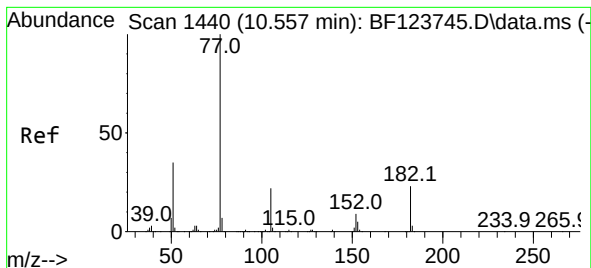
Tgt Ion:204 Resp: 693695
Ion Ratio Lower Upper
204 100
206 32.4 25.7 38.5
141 64.1 55.5 83.3



#62
4-Nitroaniline
Concen: 43.44 ng
RT: 10.422 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF123813.D
Acq: 4 May 2021 17:43

Tgt Ion:138 Resp: 390325
Ion Ratio Lower Upper
138 100
92 53.2 35.8 75.8
108 79.7 63.6 103.6

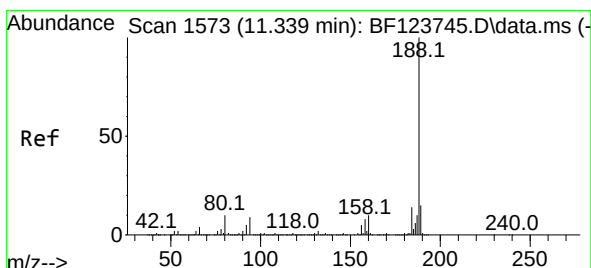
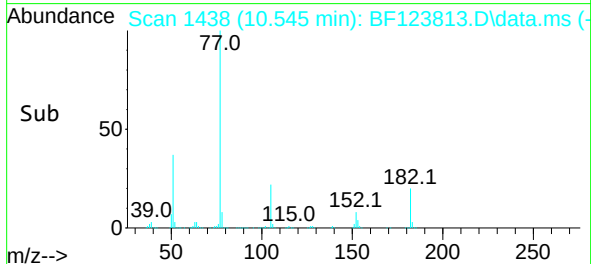
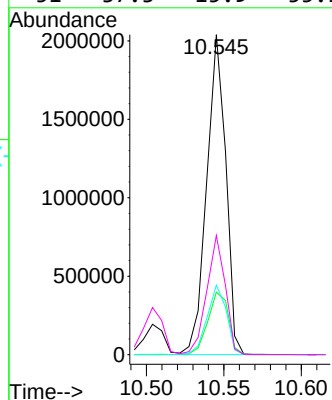
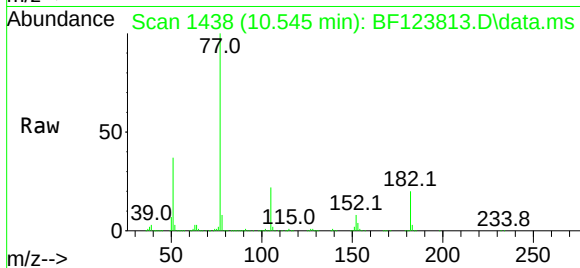




#63
Azobenzene
Concen: 43.42 ng
RT: 10.545 min Scan# 1438
Delta R.T. 0.000 min
Lab File: BF123813.D
Acq: 4 May 2021 17:43

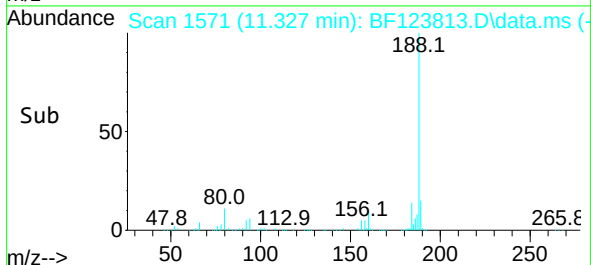
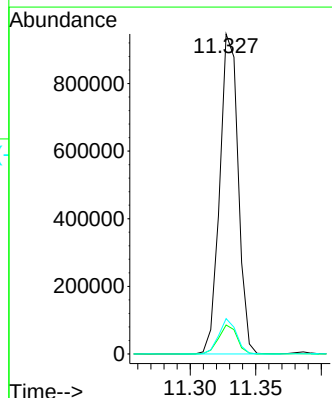
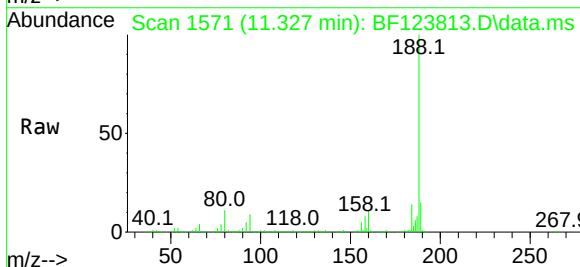
Instrument :
BNA_F
ClientSampleId :
S-1MS

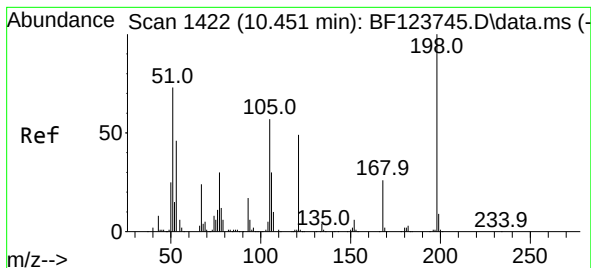
Tgt Ion: 77 Resp: 1744624
Ion Ratio Lower Upper
77 100
182 19.6 1.7 41.7
105 21.7 1.7 41.7
51 37.3 15.9 55.9



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.327 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BF123813.D
Acq: 4 May 2021 17:43

Tgt Ion: 188 Resp: 923368
Ion Ratio Lower Upper
188 100
94 9.0 6.9 10.3
80 11.1 8.2 12.2

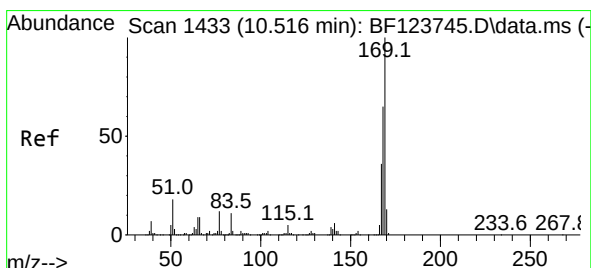
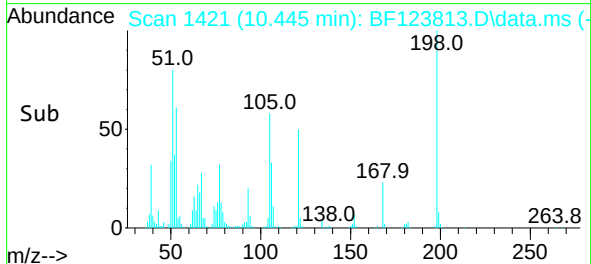
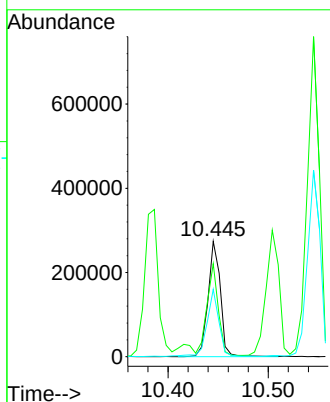
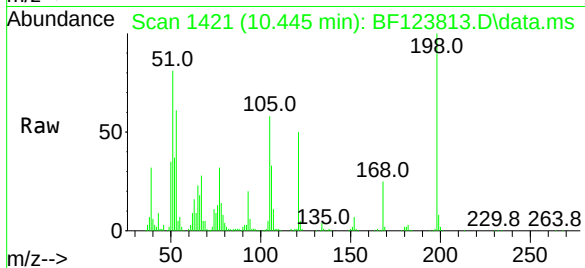




#65
4,6-Dinitro-2-methylphenol
Concen: 40.93 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF123813.D
Acq: 4 May 2021 17:43

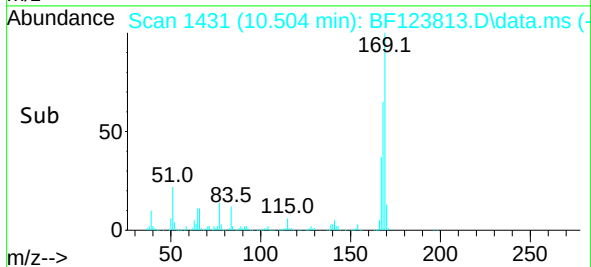
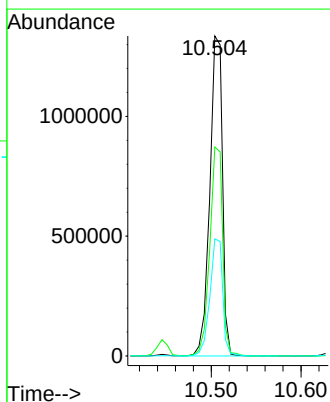
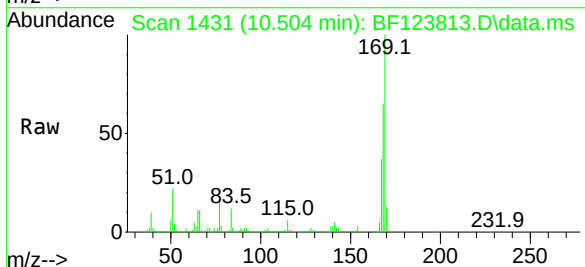
Instrument :
BNA_F
ClientSampleId :
S-1MS

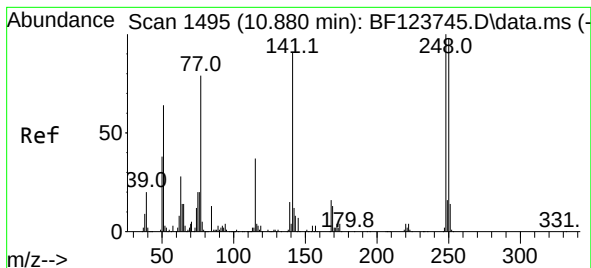
Tgt Ion:198 Resp: 234168
Ion Ratio Lower Upper
198 100
51 80.5 64.8 104.8
105 58.3 42.6 82.6



#66
n-Nitrosodiphenylamine
Concen: 43.21 ng
RT: 10.504 min Scan# 1431
Delta R.T. 0.000 min
Lab File: BF123813.D
Acq: 4 May 2021 17:43

Tgt Ion:169 Resp: 1305134
Ion Ratio Lower Upper
169 100
168 65.3 53.3 79.9
167 36.6 29.9 44.9

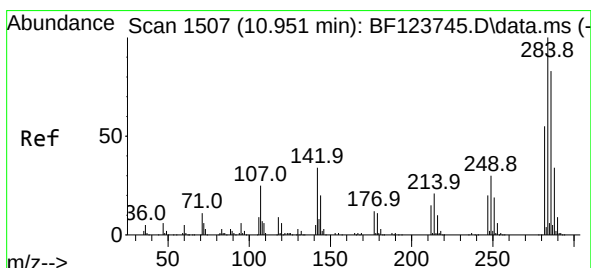
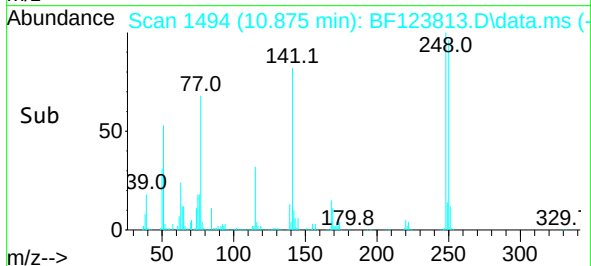
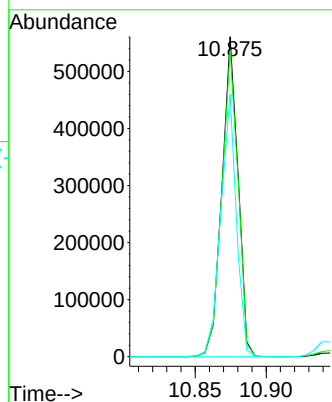
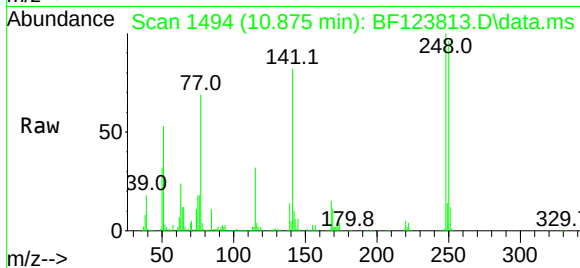




#67
4-Bromophenyl-phenylether
Concen: 45.40 ng
RT: 10.875 min Scan# 1494
Delta R.T. 0.000 min
Lab File: BF123813.D
Acq: 4 May 2021 17:43

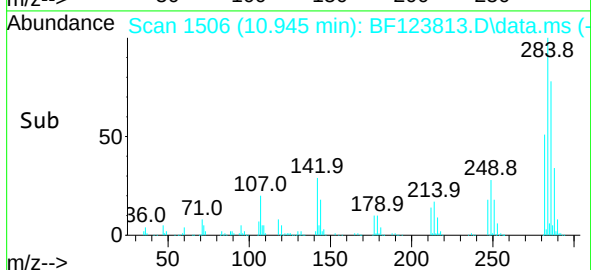
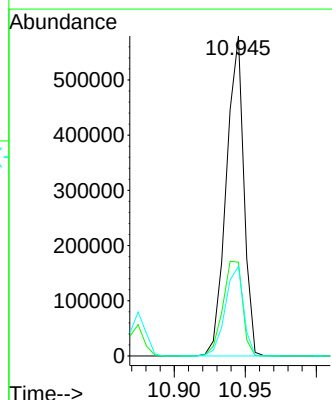
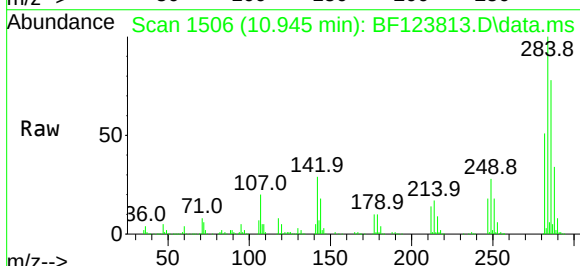
Instrument :
BNA_F
ClientSampleId :
S-1MS

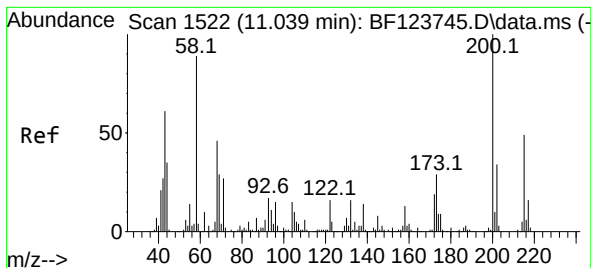
Tgt Ion:248 Resp: 441433
Ion Ratio Lower Upper
248 100
250 95.6 77.4 116.2
141 82.0 63.7 95.5



#68
Hexachlorobenzene
Concen: 44.93 ng
RT: 10.945 min Scan# 1506
Delta R.T. 0.000 min
Lab File: BF123813.D
Acq: 4 May 2021 17:43

Tgt Ion:284 Resp: 497321
Ion Ratio Lower Upper
284 100
142 29.3 28.3 42.5
249 28.0 23.5 35.3





#69

Atrazine

Concen: 46.37 ng

RT: 11.039 min Scan# 1522

Delta R.T. 0.006 min

Lab File: BF123813.D

Acq: 4 May 2021 17:43

Tgt Ion:200 Resp: 423397

Ion Ratio Lower Upper

200 100

173 27.3 6.9 46.9

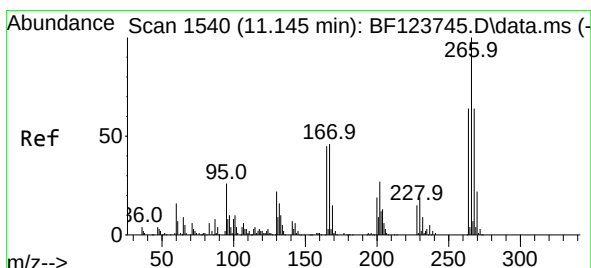
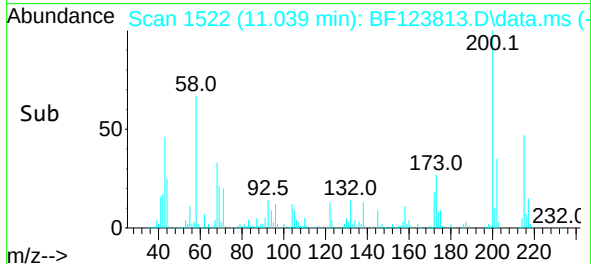
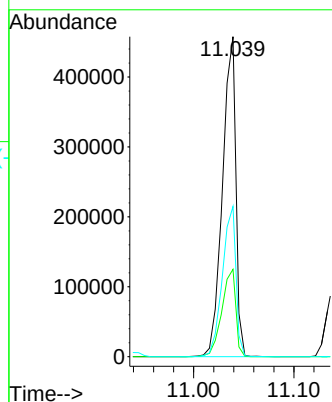
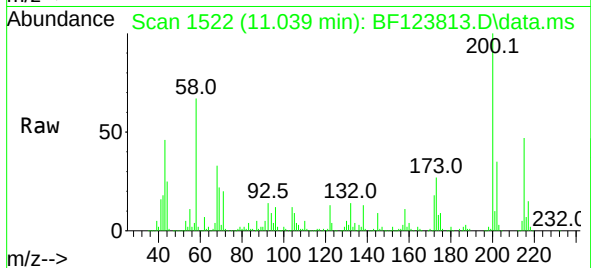
215 47.0 26.5 66.5

Instrument :

BNA_F

ClientSampleId :

S-1MS



#70

Pentachlorophenol

Concen: 90.10 ng

RT: 11.139 min Scan# 1539

Delta R.T. 0.000 min

Lab File: BF123813.D

Acq: 4 May 2021 17:43

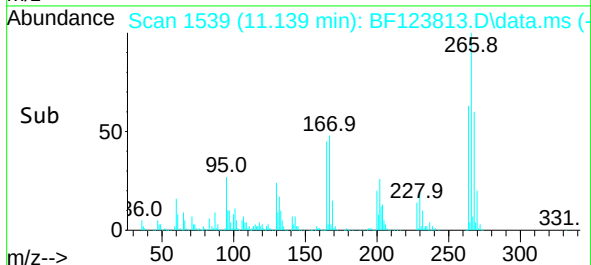
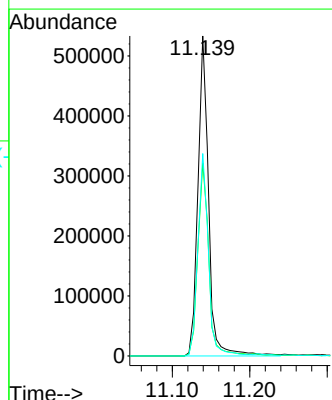
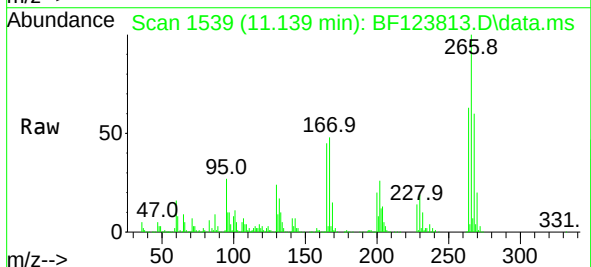
Tgt Ion:266 Resp: 508255

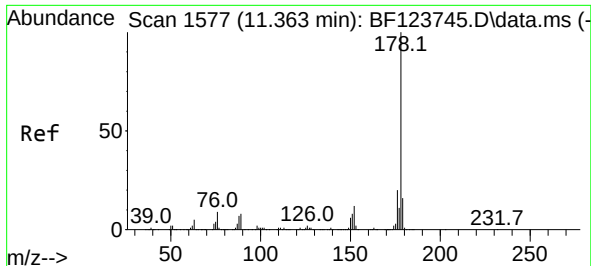
Ion Ratio Lower Upper

266 100

268 60.3 51.6 77.4

264 63.2 52.6 78.8

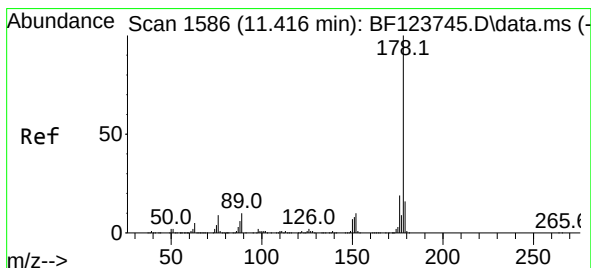
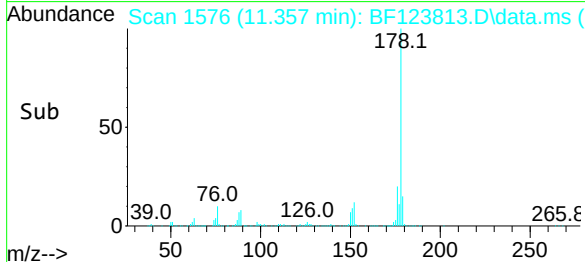
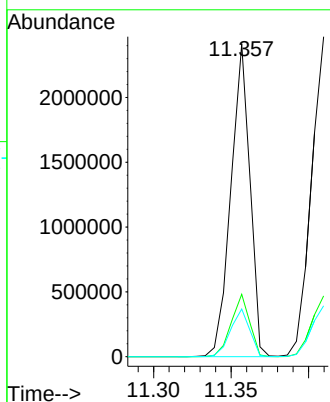
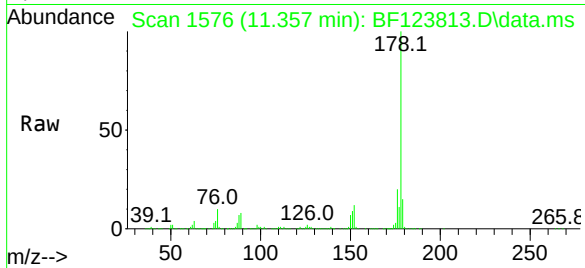




#71
Phenanthrene
Concen: 42.58 ng
RT: 11.357 min Scan# 1576
Delta R.T. 0.000 min
Lab File: BF123813.D
Acq: 4 May 2021 17:43

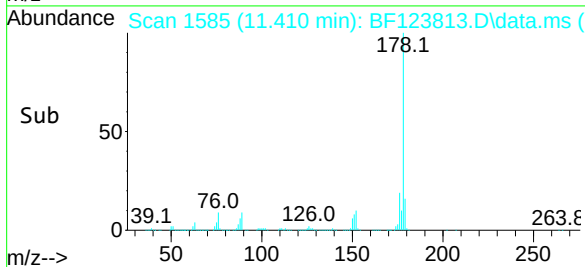
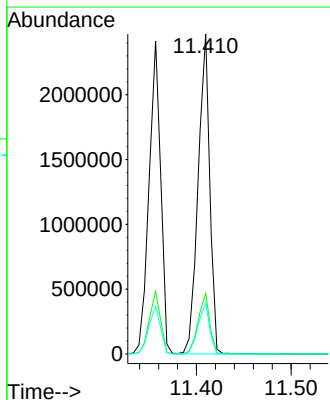
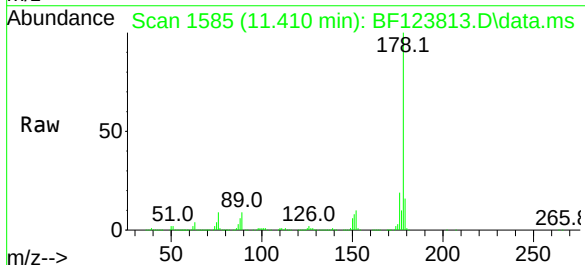
Instrument :
BNA_F
ClientSampleId :
S-1MS

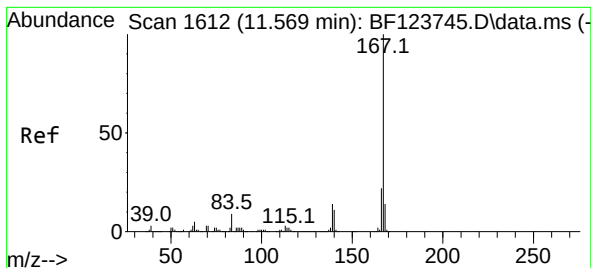
Tgt Ion:178 Resp: 2062270
Ion Ratio Lower Upper
178 100
176 19.9 15.6 23.4
179 15.3 12.5 18.7



#72
Anthracene
Concen: 43.82 ng
RT: 11.410 min Scan# 1585
Delta R.T. 0.000 min
Lab File: BF123813.D
Acq: 4 May 2021 17:43

Tgt Ion:178 Resp: 2110170
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 15.9 12.6 18.8

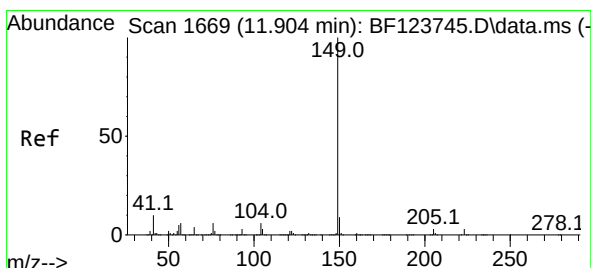
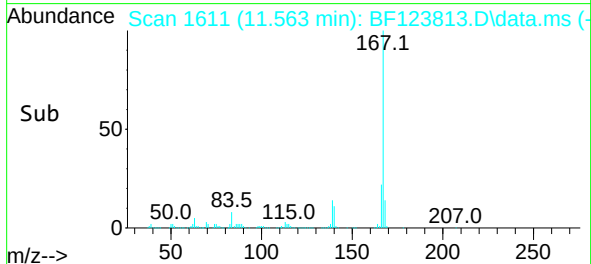
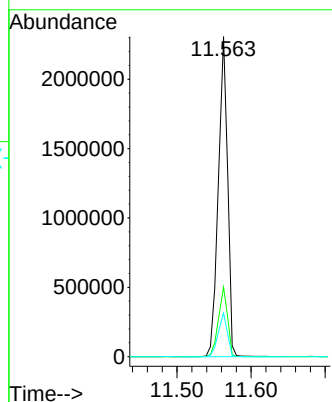
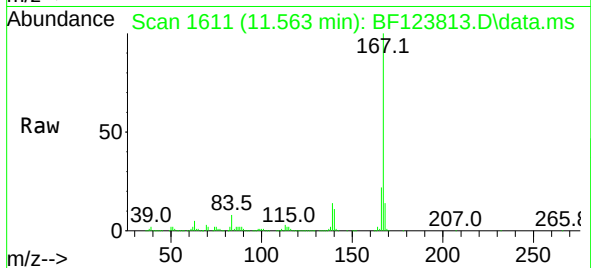




#73
 Carbazole
 Concen: 41.21 ng
 RT: 11.563 min Scan# 1611
 Delta R.T. 0.000 min
 Lab File: BF123813.D
 Acq: 4 May 2021 17:43

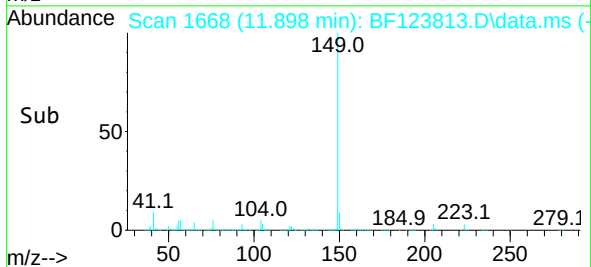
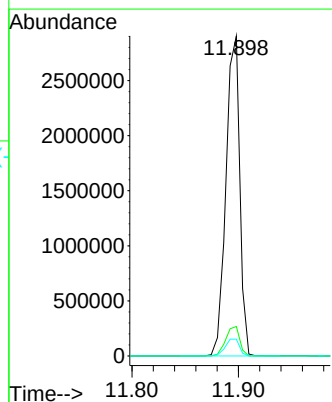
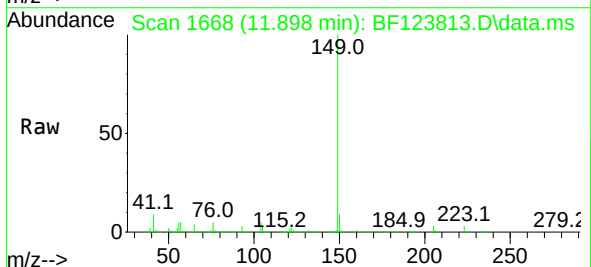
Instrument :
 BNA_F
 ClientSampleId :
 S-1MS

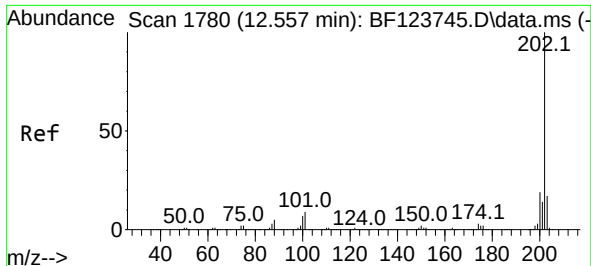
Tgt Ion:167 Resp: 2005830
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.0 25.6
 139 13.6 10.4 15.6



#74
 Di-n-butylphthalate
 Concen: 47.70 ng
 RT: 11.898 min Scan# 1668
 Delta R.T. 0.006 min
 Lab File: BF123813.D
 Acq: 4 May 2021 17:43

Tgt Ion:149 Resp: 2606487
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.8 11.8
 104 5.3 4.6 6.8

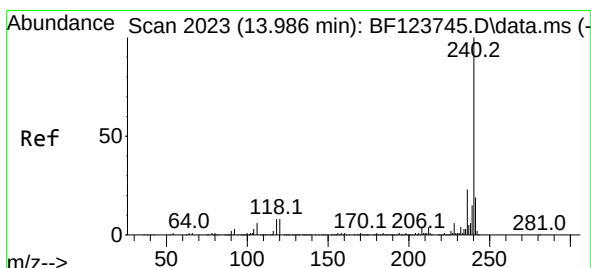
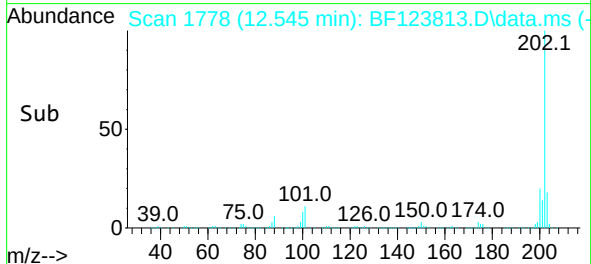
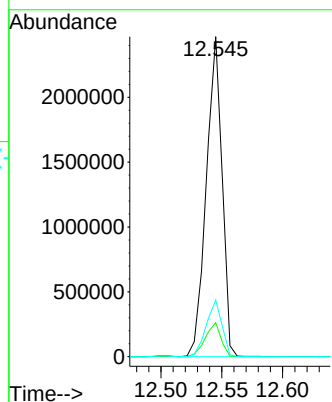
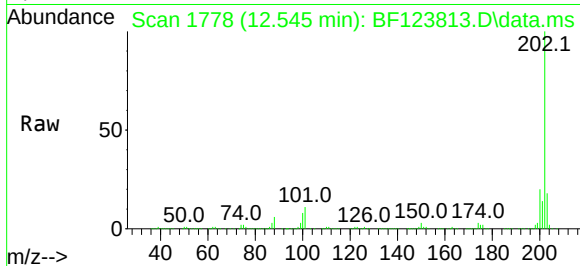




#75
Fluoranthene
Concen: 42.10 ng
RT: 12.545 min Scan# 1778
Delta R.T. 0.000 min
Lab File: BF123813.D
Acq: 4 May 2021 17:43

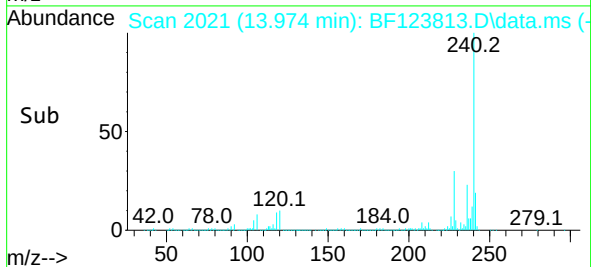
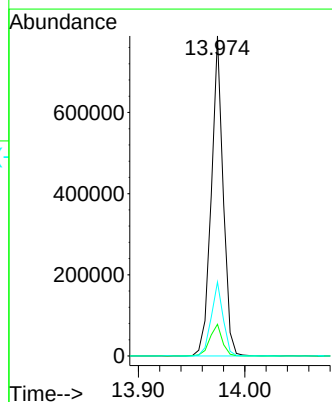
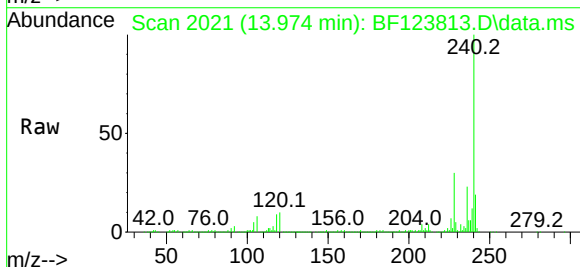
Instrument :
BNA_F
ClientSampleId :
S-1MS

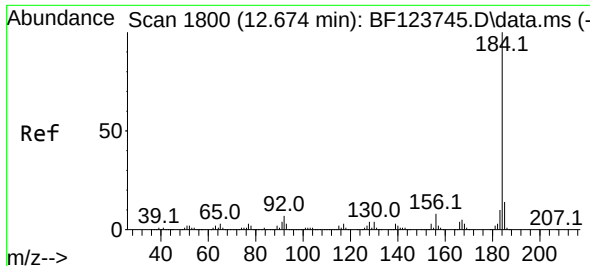
Tgt Ion:202 Resp: 2223650
Ion Ratio Lower Upper
202 100
101 10.7 0.0 30.9
203 17.7 0.0 37.5



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.000 min
Lab File: BF123813.D
Acq: 4 May 2021 17:43

Tgt Ion:240 Resp: 609856
Ion Ratio Lower Upper
240 100
120 9.9 7.2 10.8
236 23.1 19.0 28.4

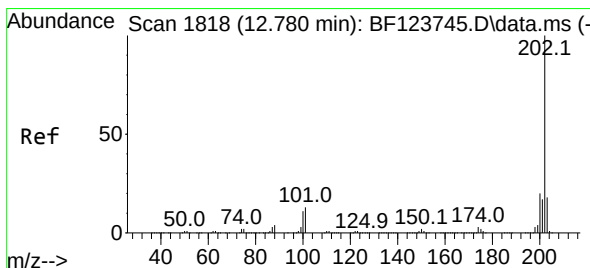
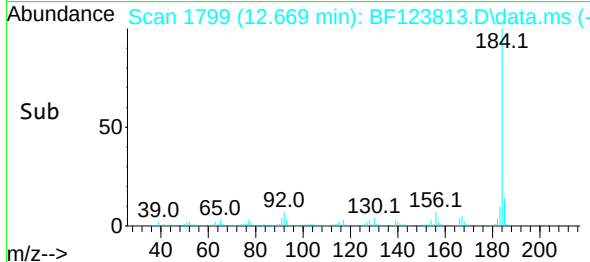
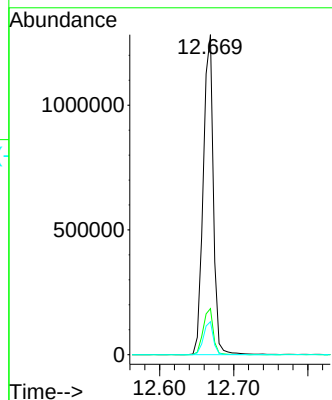
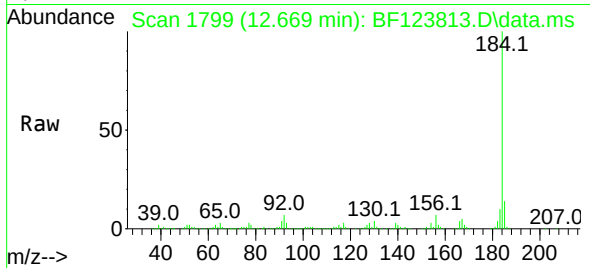




#77
Benzidine
Concen: 76.72 ng
RT: 12.669 min Scan# 1799
Delta R.T. 0.006 min
Lab File: BF123813.D
Acq: 4 May 2021 17:43

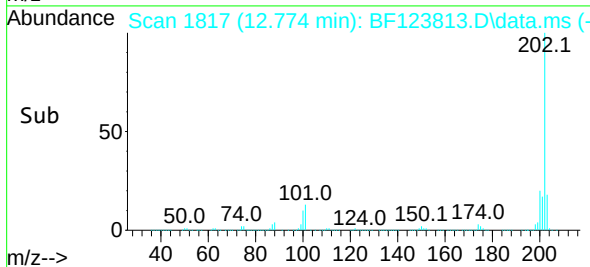
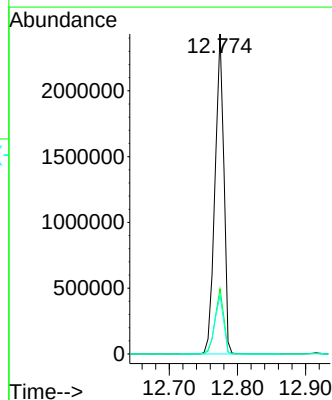
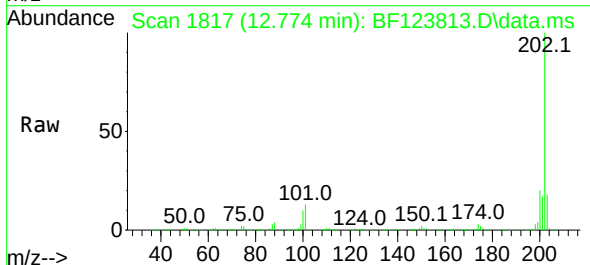
Instrument :
BNA_F
ClientSampleId :
S-1MS

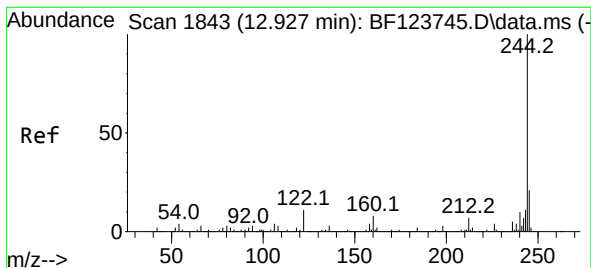
Tgt Ion:184 Resp: 1211592
Ion Ratio Lower Upper
184 100
185 14.4 12.1 18.1
183 10.3 7.8 11.8



#78
Pyrene
Concen: 46.48 ng
RT: 12.774 min Scan# 1817
Delta R.T. 0.000 min
Lab File: BF123813.D
Acq: 4 May 2021 17:43

Tgt Ion:202 Resp: 2200249
Ion Ratio Lower Upper
202 100
200 20.4 16.1 24.1
203 18.2 14.8 22.2





#79

Terphenyl-d14

Concen: 70.33 ng

RT: 12.916 min Scan# 1841

Delta R.T. 0.000 min

Lab File: BF123813.D

Acq: 4 May 2021 17:43

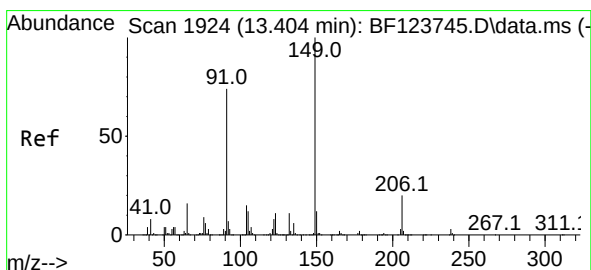
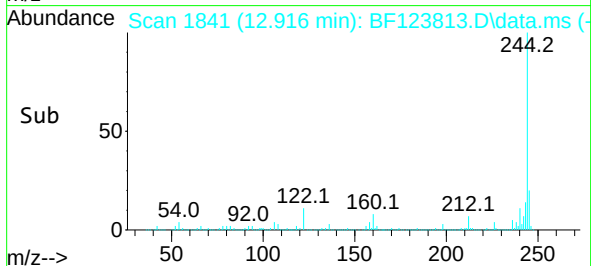
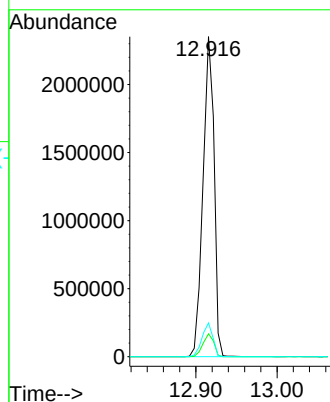
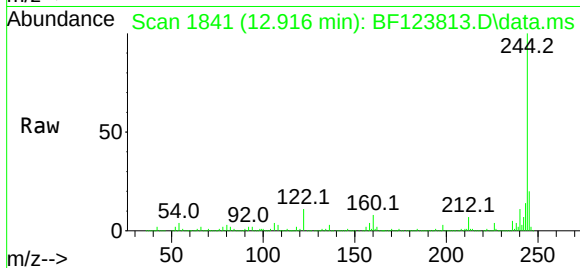
Tgt Ion:244 Resp: 2227529

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

122 10.6 9.7 14.5



#80

Butylbenzylphthalate

Concen: 53.18 ng

RT: 13.398 min Scan# 1923

Delta R.T. 0.006 min

Lab File: BF123813.D

Acq: 4 May 2021 17:43

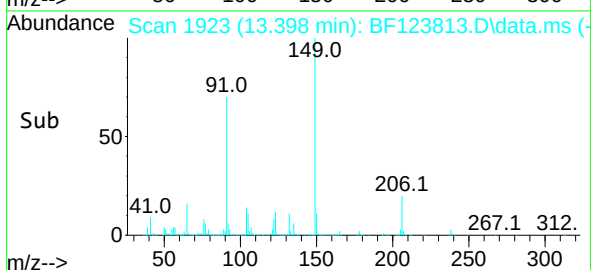
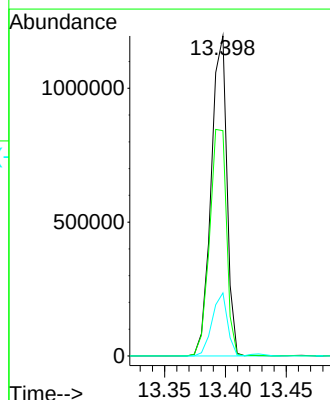
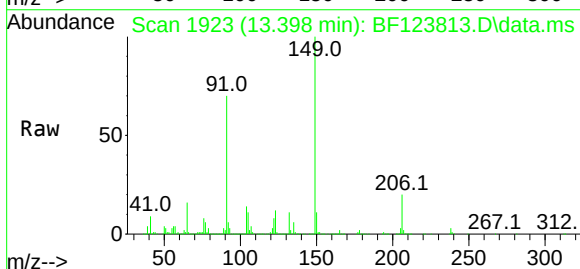
Tgt Ion:149 Resp: 1075410

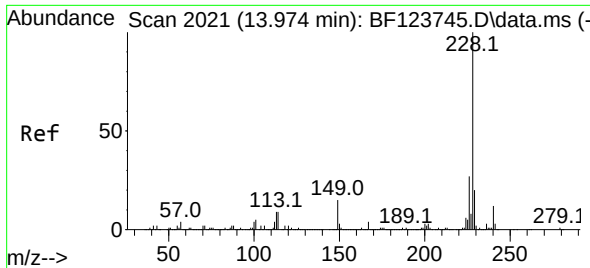
Ion Ratio Lower Upper

149 100

91 70.4 63.6 95.4

206 19.7 14.5 21.7

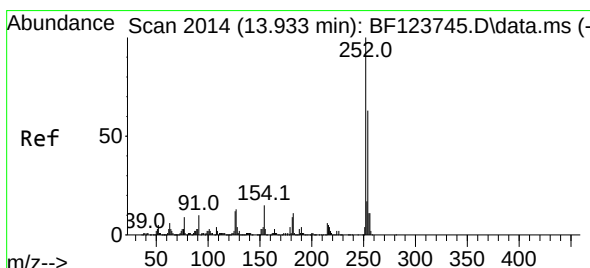
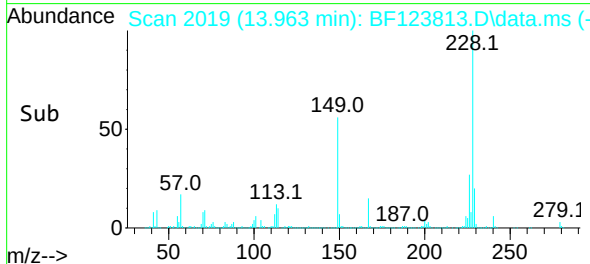
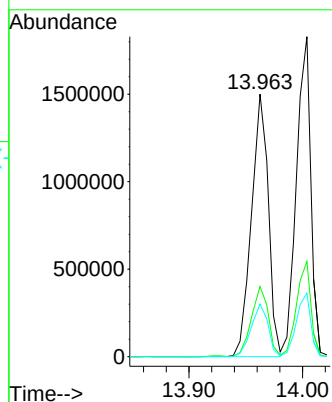
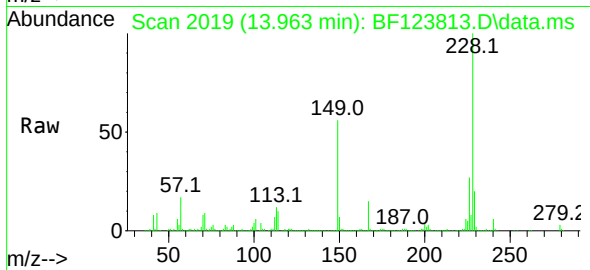




#81
Benzo(a)anthracene
Concen: 41.95 ng
RT: 13.963 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF123813.D
Acq: 4 May 2021 17:43

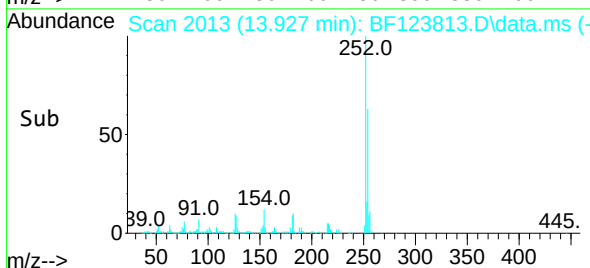
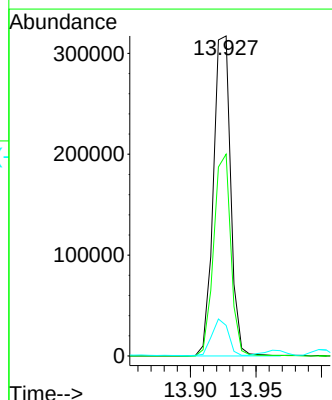
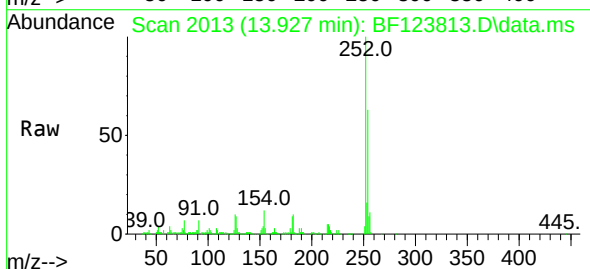
Instrument :
BNA_F
ClientSampleId :
S-1MS

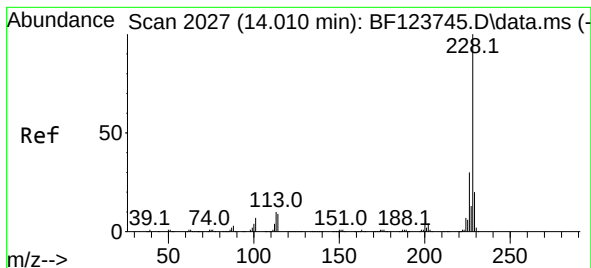
Tgt Ion:228 Resp: 1550411
Ion Ratio Lower Upper
228 100
226 26.7 22.4 33.6
229 20.1 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 25.63 ng
RT: 13.927 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BF123813.D
Acq: 4 May 2021 17:43

Tgt Ion:252 Resp: 290920
Ion Ratio Lower Upper
252 100
254 63.0 51.1 76.7
126 9.6 7.7 11.5





#83

Chrysene

Concen: 43.42 ng

RT: 14.004 min Scan# 2026

Delta R.T. 0.000 min

Lab File: BF123813.D

Acq: 4 May 2021 17:43

Tgt Ion:228 Resp: 1614285

Ion Ratio Lower Upper

228 100

226 29.8 24.3 36.5

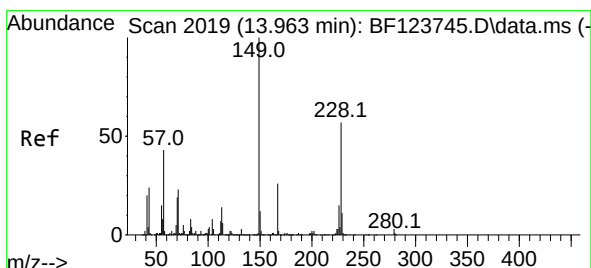
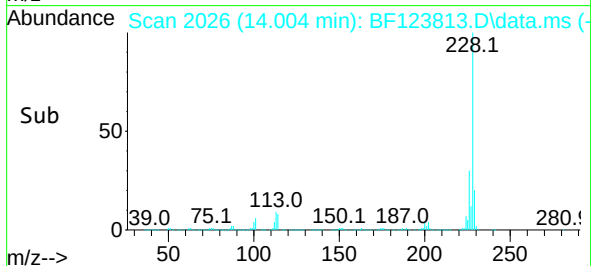
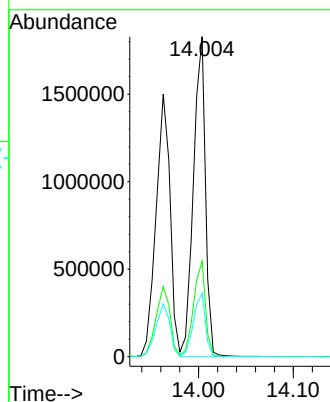
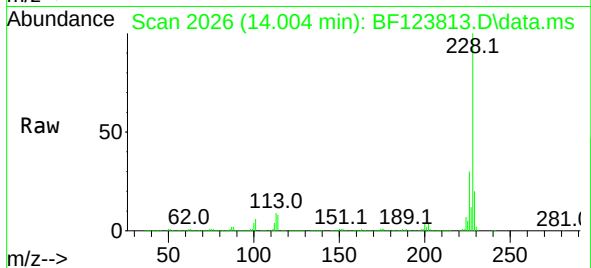
229 19.8 16.2 24.2

Instrument :

BNA_F

ClientSampleId :

S-1MS



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.29 ng

RT: 13.957 min Scan# 2018

Delta R.T. 0.000 min

Lab File: BF123813.D

Acq: 4 May 2021 17:43

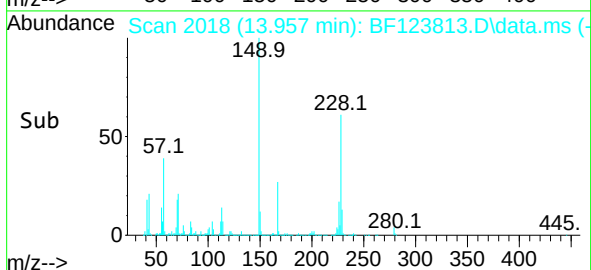
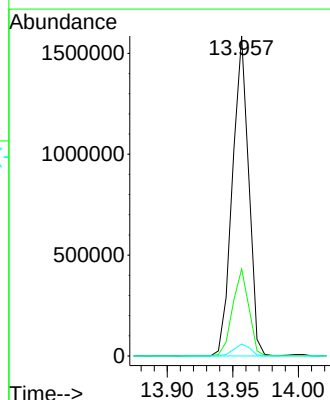
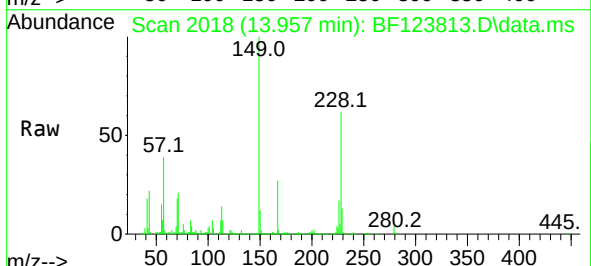
Tgt Ion:149 Resp: 1364034

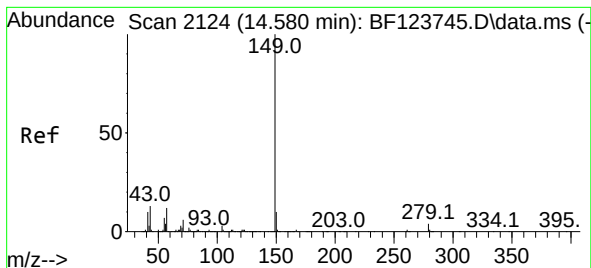
Ion Ratio Lower Upper

149 100

167 27.2 21.8 32.6

279 3.8 3.3 4.9

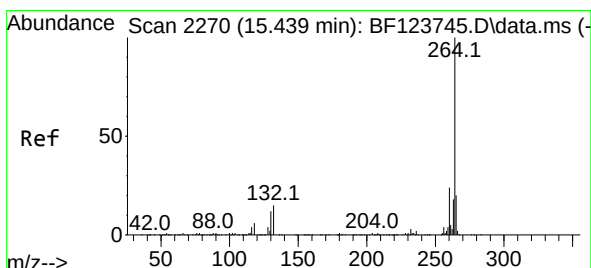
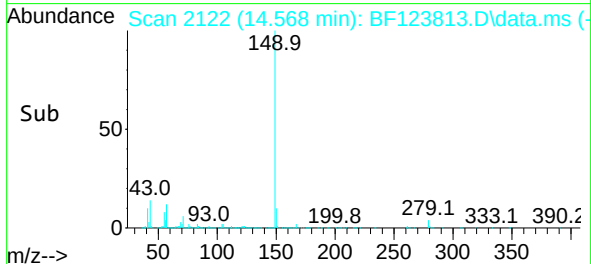
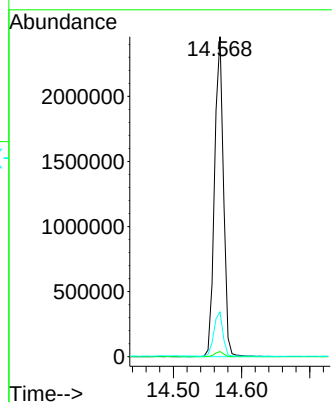
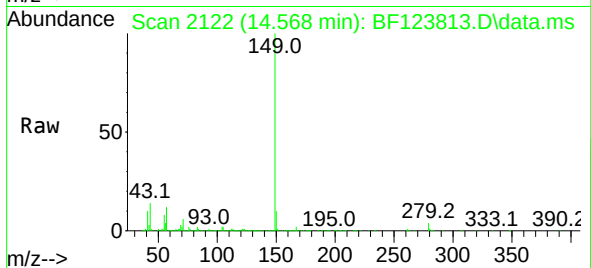




#85
Di-n-octyl phthalate
Concen: 55.65 ng
RT: 14.568 min Scan# 2122
Delta R.T. 0.000 min
Lab File: BF123813.D
Acq: 4 May 2021 17:43

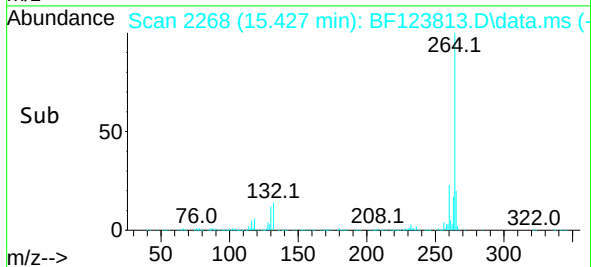
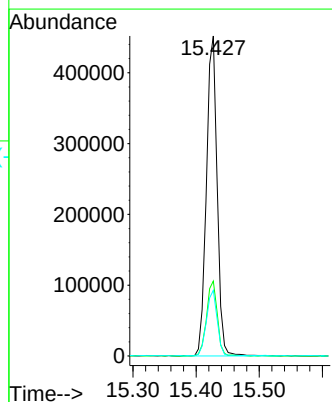
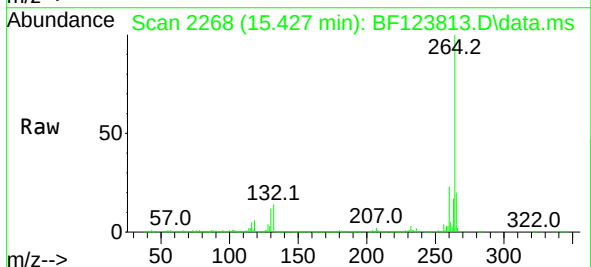
Instrument :
BNA_F
ClientSampleId :
S-1MS

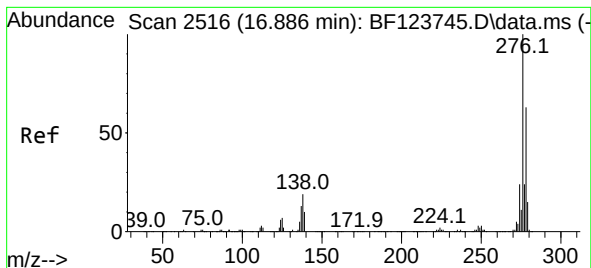
Tgt Ion:149 Resp: 2235595
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 14.1 11.8 17.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.427 min Scan# 2268
Delta R.T. 0.000 min
Lab File: BF123813.D
Acq: 4 May 2021 17:43

Tgt Ion:264 Resp: 535501
Ion Ratio Lower Upper
264 100
260 23.4 18.7 28.1
265 20.5 17.8 26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 54.63 ng

RT: 16.880 min Scan# 2515

Delta R.T. 0.006 min

Lab File: BF123813.D

Acq: 4 May 2021 17:43

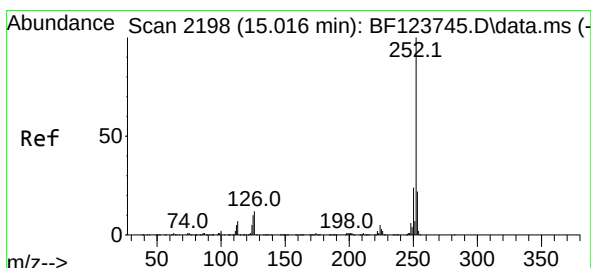
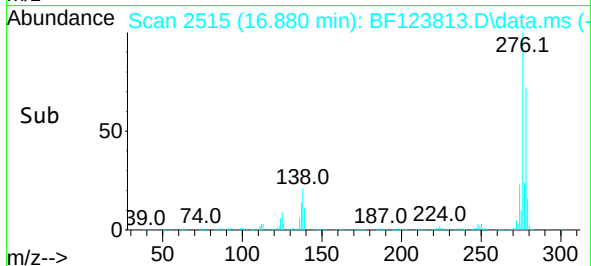
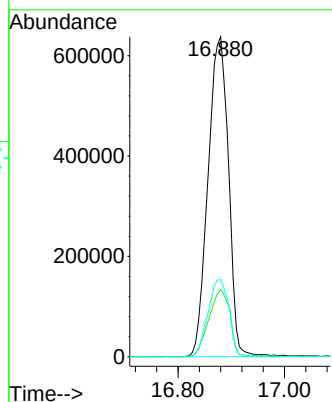
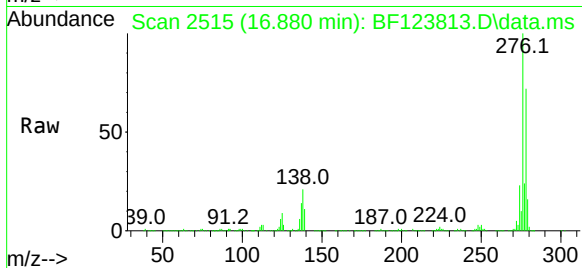
Tgt Ion:276 Resp: 1703770

Ion Ratio Lower Upper

276 100

138 21.7 16.2 24.2

277 24.8 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 41.51 ng

RT: 15.010 min Scan# 2197

Delta R.T. 0.006 min

Lab File: BF123813.D

Acq: 4 May 2021 17:43

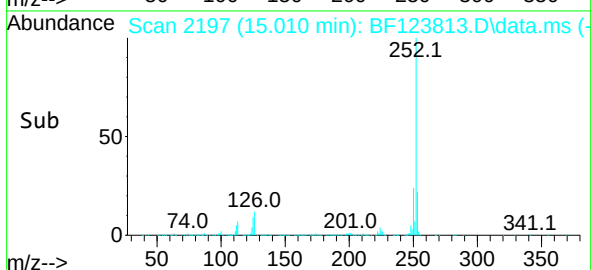
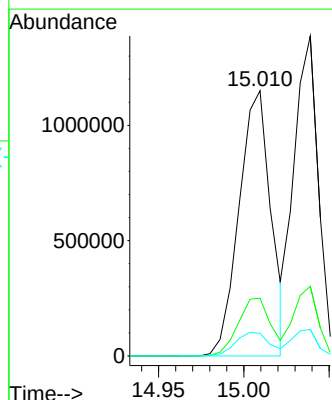
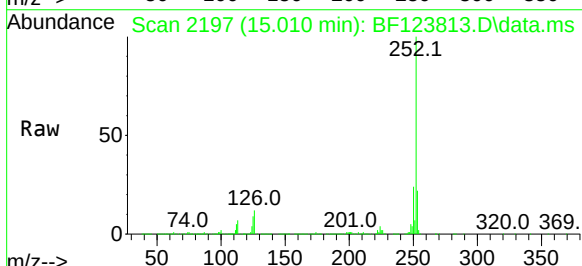
Tgt Ion:252 Resp: 1497991

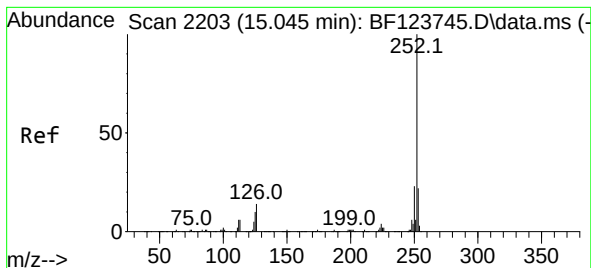
Ion Ratio Lower Upper

252 100

253 21.8 18.1 27.1

125 8.5 6.2 9.4





#89

Benzo(k)fluoranthene

Concen: 40.22 ng

RT: 15.039 min Scan# 2202

Delta R.T. 0.006 min

Lab File: BF123813.D

Acq: 4 May 2021 17:43

Tgt Ion:252 Resp: 1385309

Ion Ratio Lower Upper

252 100

253 21.8 17.9 26.9

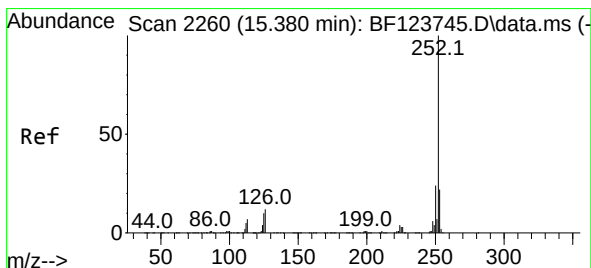
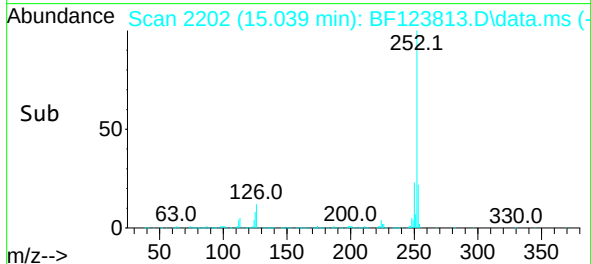
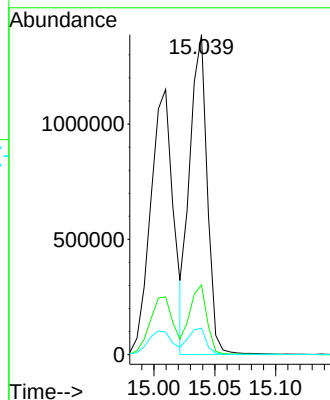
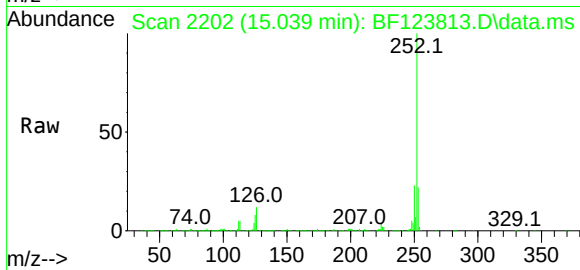
125 8.3 7.0 10.6

Instrument :

BNA_F

ClientSampleId :

S-1MS



#90

Benzo(a)pyrene

Concen: 44.83 ng

RT: 15.368 min Scan# 2258

Delta R.T. 0.000 min

Lab File: BF123813.D

Acq: 4 May 2021 17:43

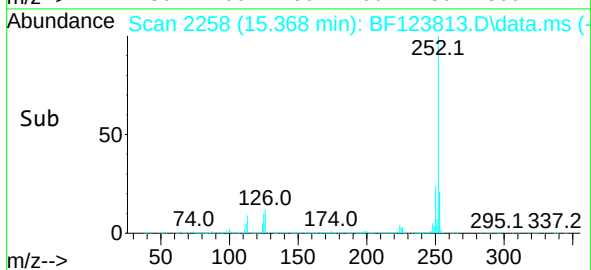
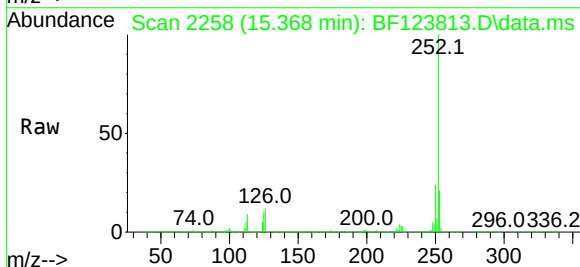
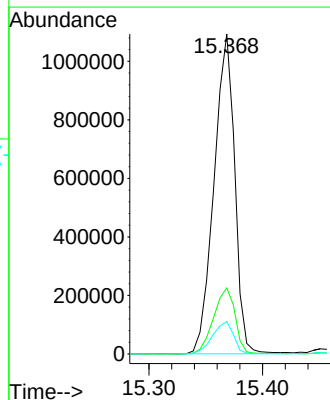
Tgt Ion:252 Resp: 1383461

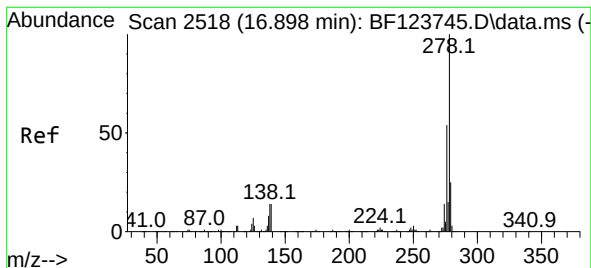
Ion Ratio Lower Upper

252 100

253 20.6 18.4 27.6

125 10.2 8.0 12.0

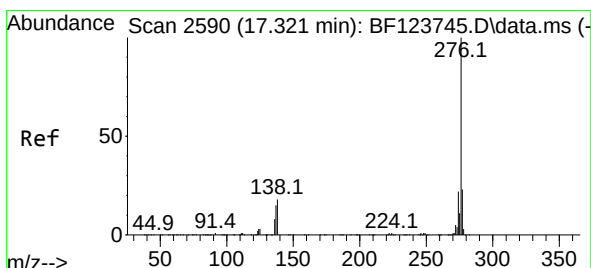
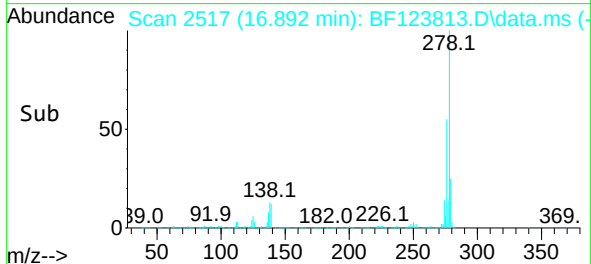
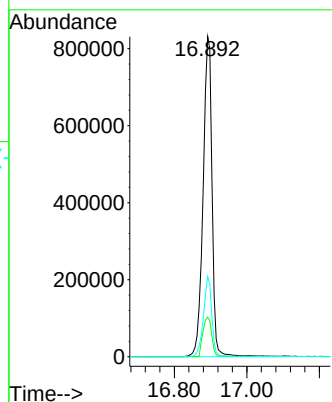
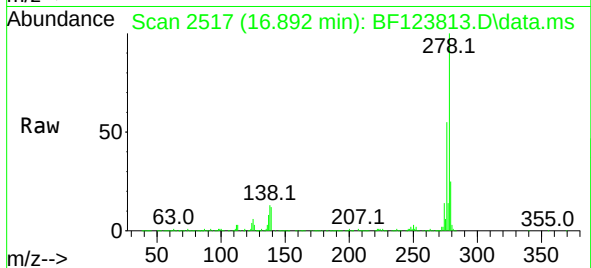




#91
Dibenzo(a,h)anthracene
Concen: 54.23 ng
RT: 16.892 min Scan# 2517
Delta R.T. 0.006 min
Lab File: BF123813.D
Acq: 4 May 2021 17:43

Instrument :
BNA_F
ClientSampleId :
S-1MS

Tgt Ion:278 Resp: 1428026
Ion Ratio Lower Upper
278 100
139 12.3 10.2 15.2
279 25.0 19.4 29.0



#92
Benzo(g,h,i)perylene
Concen: 55.55 ng
RT: 17.315 min Scan# 2589
Delta R.T. 0.006 min
Lab File: BF123813.D
Acq: 4 May 2021 17:43

Tgt Ion:276 Resp: 1464869
Ion Ratio Lower Upper
276 100
277 24.3 18.2 27.2
138 19.0 13.8 20.6

