

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020821\
 Data File : BF123146.D
 Acq On : 8 Feb 2021 15:38
 Operator : JU/CG
 Sample : PB134513BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB134513BS

Quant Time: Feb 08 16:07:36 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 29 12:29:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	232212	20.00	ng	0.00
21) Naphthalene-d8	8.180	136	905801	20.00	ng	0.00
39) Acenaphthene-d10	9.939	164	489688	20.00	ng	0.00
64) Phenanthrene-d10	11.433	188	893460	20.00	ng	0.00
76) Chrysene-d12	14.086	240	726103	20.00	ng	0.00
86) Perylene-d12	15.574	264	641170	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1639297	108.90	ng	0.02
7) Phenol-d6	6.528	99	2117235	103.76	ng	0.01
23) Nitrobenzene-d5	7.457	82	1219301	67.75	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	677454	127.44	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2292716	69.60	ng	0.00
79) Terphenyl-d14	13.021	244	2474939	66.97	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.816	88	285636	38.14	ng	95
3) Pyridine	3.557	79	775466	38.72	ng	95
4) n-Nitrosodimethylamine	3.516	42	338735	40.19	ng	97
6) Aniline	6.557	93	709818	28.26	ng	99
8) 2-Chlorophenol	6.681	128	717516	43.97	ng	97
9) Benzaldehyde	6.445	77	343593	36.83	ng	98
10) Phenol	6.539	94	871788	43.08	ng	93
11) bis(2-Chloroethyl)ether	6.634	93	697512	41.42	ng	99
12) 1,3-Dichlorobenzene	6.834	146	783516	41.17	ng	96
13) 1,4-Dichlorobenzene	6.910	146	793647	40.05	ng	97
14) 1,2-Dichlorobenzene	7.063	146	763325	41.17	ng	98
15) Benzyl Alcohol	7.034	79	573981	40.12	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.169	45	946023	36.43	ng	98
17) 2-Methylphenol	7.145	107	631588	45.49	ng	98
18) Hexachloroethane	7.410	117	292273	42.10	ng	98
19) n-Nitroso-di-n-propyla...	7.310	70	494469	40.30	ng	97
20) 3+4-Methylphenols	7.298	107	721848	44.14	ng	97
22) Acetophenone	7.304	105	950900	40.29	ng	99
24) Nitrobenzene	7.475	77	773182	41.69	ng	97
25) Isophorone	7.716	82	1405784	42.64	ng	99
26) 2-Nitrophenol	7.792	139	393725	51.34	ng	98
27) 2,4-Dimethylphenol	7.828	122	675830	48.84	ng	98
28) bis(2-Chloroethoxy)met...	7.922	93	882935	39.25	ng	99
29) 2,4-Dichlorophenol	8.033	162	638287	44.11	ng	97
30) 1,2,4-Trichlorobenzene	8.122	180	677651	41.57	ng	98
31) Naphthalene	8.198	128	2069481	41.65	ng	99
32) Benzoic acid	7.963	122	449640	41.13	ng	98
33) 4-Chloroaniline	8.245	127	518472	23.51	ng	99
34) Hexachlorobutadiene	8.316	225	405415	43.05	ng	99
35) Caprolactam	8.628	113	138544	28.33	ng	95
36) 4-Chloro-3-methylphenol	8.733	107	689573	45.83	ng	98
37) 2-Methylnaphthalene	8.892	142	1420084	43.05	ng	100
38) 1-Methylnaphthalene	8.992	142	1327484	42.51	ng	98
40) 1,2,4,5-Tetrachloroben...	9.063	216	653947	42.93	ng	99
41) Hexachlorocyclopentadiene	9.051	237	803375	111.10	ng	97
43) 2,4,6-Trichlorophenol	9.175	196	470904	45.09	ng	97

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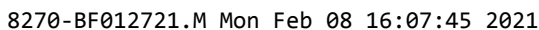
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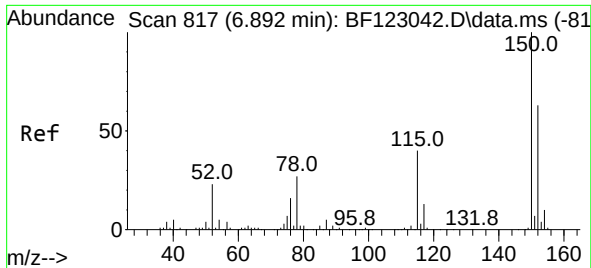
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 QLast Update : Fri Jan 29 12:29:00 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	501701	45.94	ng	98
46) 1,1'-Biphenyl	9.357	154	1700750	42.34	ng	100
47) 2-Chloronaphthalene	9.386	162	1361863	40.50	ng	98
48) 2-Nitroaniline	9.480	65	425290	41.73	ng	92
49) Acenaphthylene	9.804	152	2059613	41.85	ng	100
50) Dimethylphthalate	9.663	163	1617330	42.10	ng	100
51) 2,6-Dinitrotoluene	9.722	165	367966	44.96	ng	93
52) Acenaphthene	9.974	154	1298606	41.08	ng	99
53) 3-Nitroaniline	9.886	138	245731	25.39	ng	89
54) 2,4-Dinitrophenol	9.998	184	356730	94.01	ng	98
55) Dibenzofuran	10.145	168	1835871	39.91	ng	98
56) 4-Nitrophenol	10.057	139	557114	79.64	ng	88
57) 2,4-Dinitrotoluene	10.127	165	487229	45.78	ng	100
58) Fluorene	10.492	166	1428658	38.88	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	433656	46.82	ng	99
60) Diethylphthalate	10.363	149	1572139	41.61	ng	99
61) 4-Chlorophenyl-phenyle...	10.480	204	710068	41.13	ng	100
62) 4-Nitroaniline	10.510	138	351957	36.20	ng	98
63) Azobenzene	10.645	77	1479893	40.03	ng	97
65) 4,6-Dinitro-2-methylph...	10.539	198	254225	51.18	ng	100
66) n-Nitrosodiphenylamine	10.604	169	1301986	40.43	ng	100
67) 4-Bromophenyl-phenylether	10.974	248	475822	41.82	ng	95
68) Hexachlorobenzene	11.045	284	524674	42.99	ng	95
69) Atrazine	11.127	200	384742	43.26	ng	99
70) Pentachlorophenol	11.239	266	609429	92.14	ng	99
71) Phenanthrene	11.457	178	2124479	38.29	ng	100
72) Anthracene	11.510	178	2187403	41.09	ng	100
73) Carbazole	11.663	167	1938150	39.23	ng	99
74) Di-n-butylphthalate	11.992	149	2341789	39.98	ng	100
75) Fluoranthene	12.651	202	2212113	39.89	ng	100
77) Benzidine	12.768	184	798948	48.62	ng	99
78) Pyrene	12.880	202	2233870	40.75	ng	99
80) Butylbenzylphthalate	13.498	149	1021426	43.31	ng	99
81) Benzo(a)anthracene	14.074	228	1991767	40.53	ng	99
82) 3,3'-Dichlorobenzidine	14.033	252	569752	36.84	ng	# 98
83) Chrysene	14.115	228	1974165	40.14	ng	99
84) Bis(2-ethylhexyl)phtha...	14.062	149	1370532	43.73	ng	97
85) Di-n-octyl phthalate	14.680	149	2313756	43.96	ng	100
87) Indeno(1,2,3-cd)pyrene	17.086	276	1808069	42.35	ng	99
88) Benzo(b)fluoranthene	15.139	252	1915583	41.39	ng	99
89) Benzo(k)fluoranthene	15.168	252	1890020	43.95	ng	99
90) Benzo(a)pyrene	15.515	252	1678815	41.30	ng	99
91) Dibenzo(a,h)anthracene	17.103	278	1503056	42.77	ng	100
92) Benzo(g,h,i)perylene	17.539	276	1418984	41.67	ng	99

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

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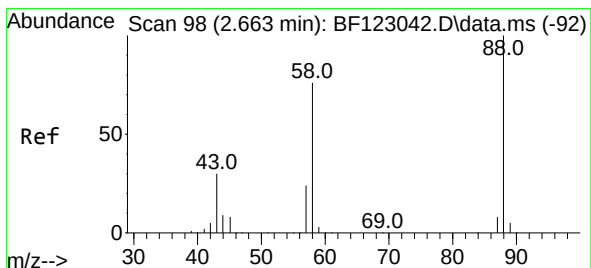
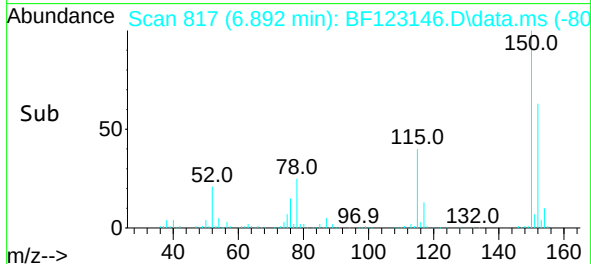
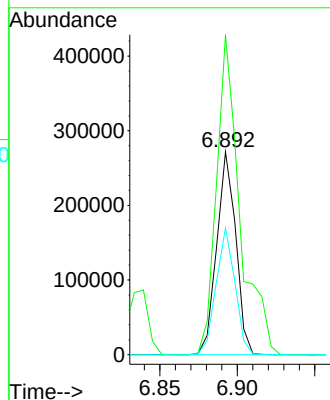
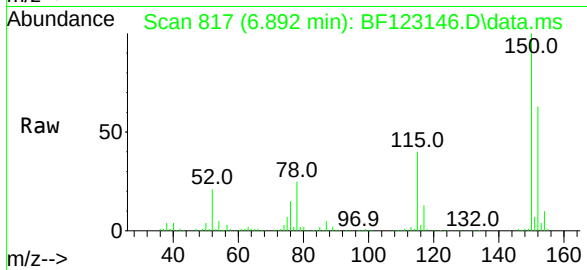




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.892 min Scan# 817
 Delta R.T. 0.000 min
 Lab File: BF123146.D
 Acq: 8 Feb 2021 15:38

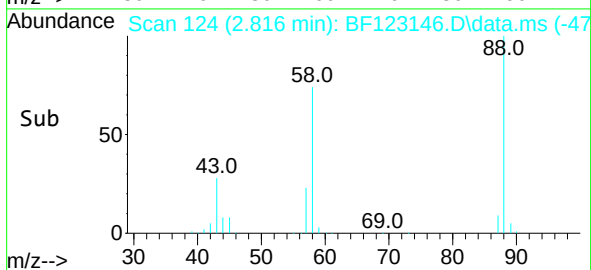
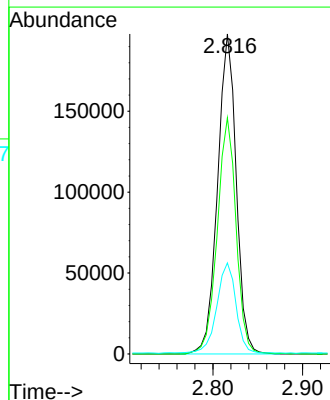
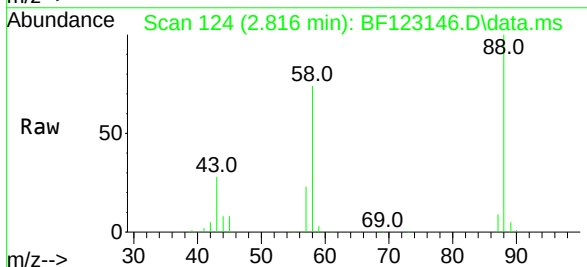
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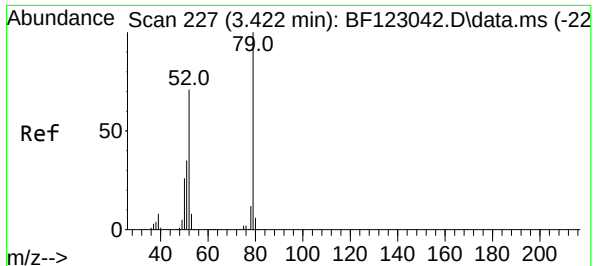
Tgt Ion:152 Resp: 232212
 Ion Ratio Lower Upper
 152 100
 150 157.8 125.8 188.6
 115 62.4 49.3 73.9



#2
 1,4-Dioxane
 Concen: 38.14 ng
 RT: 2.816 min Scan# 124
 Delta R.T. 0.153 min
 Lab File: BF123146.D
 Acq: 8 Feb 2021 15:38

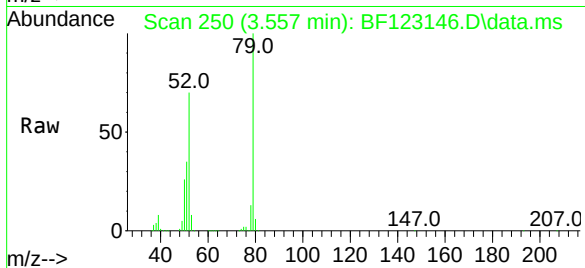
Tgt Ion: 88 Resp: 285636
 Ion Ratio Lower Upper
 88 100
 58 74.5 56.2 84.2
 43 28.7 21.8 32.6



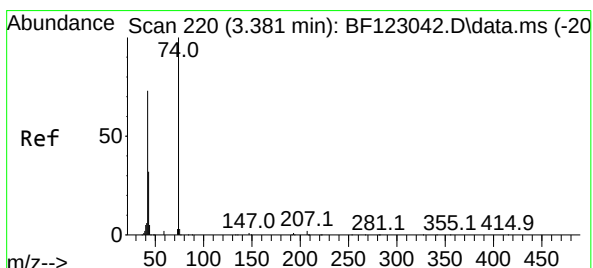
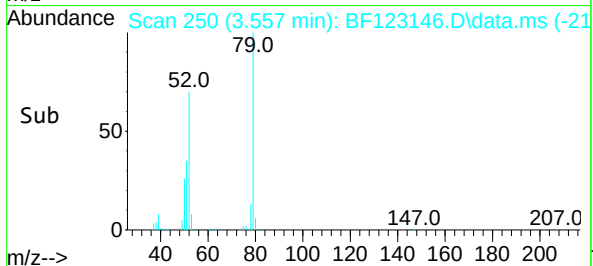
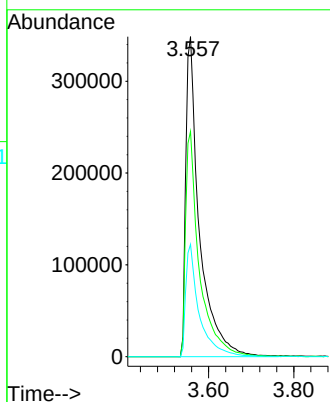


#3
Pyridine
Concen: 38.72 ng
RT: 3.557 min Scan# 250
Delta R.T. 0.135 min
Lab File: BF123146.D
Acq: 8 Feb 2021 15:38

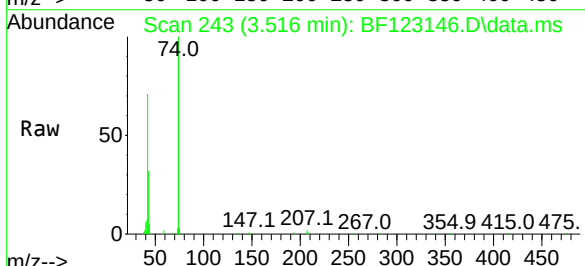
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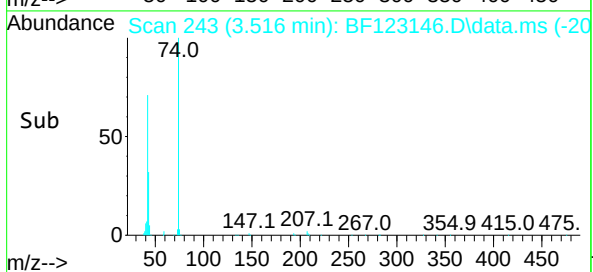
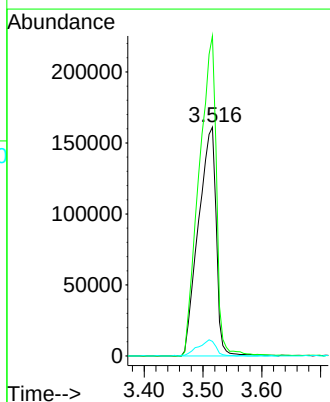
Tgt Ion: 79 Resp: 775466
Ion Ratio Lower Upper
79 100
52 70.4 53.0 79.4
51 35.1 26.6 39.8

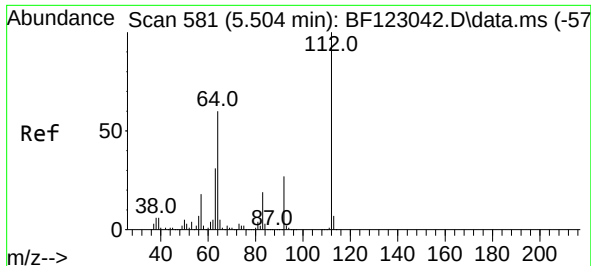


#4
n-Nitrosodimethylamine
Concen: 40.19 ng
RT: 3.516 min Scan# 243
Delta R.T. 0.135 min
Lab File: BF123146.D
Acq: 8 Feb 2021 15:38



Tgt Ion: 42 Resp: 338735
Ion Ratio Lower Upper
42 100
74 139.9 115.2 172.8
44 6.4 5.4 8.0

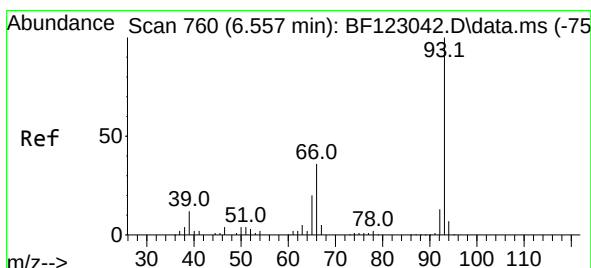
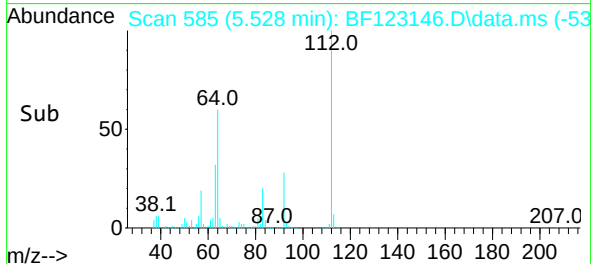
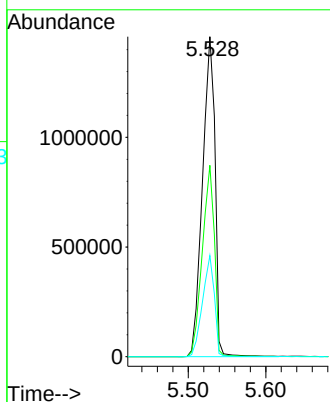
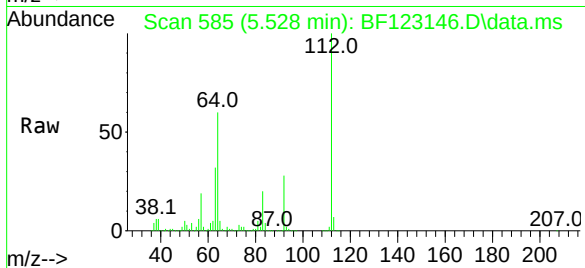




#5
2-Fluorophenol
Concen: 108.90 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.023 min
Lab File: BF123146.D
Acq: 8 Feb 2021 15:38

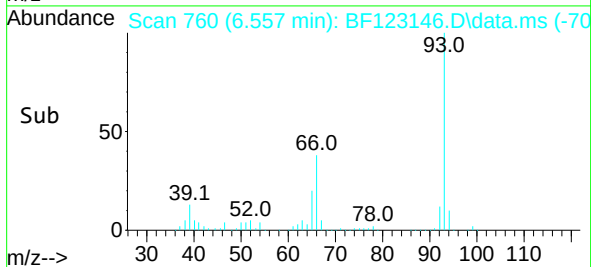
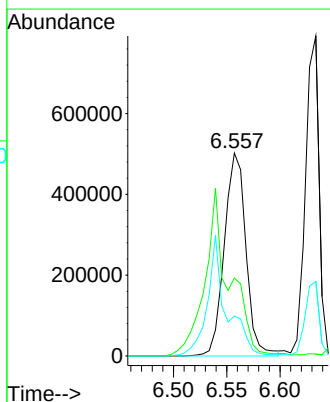
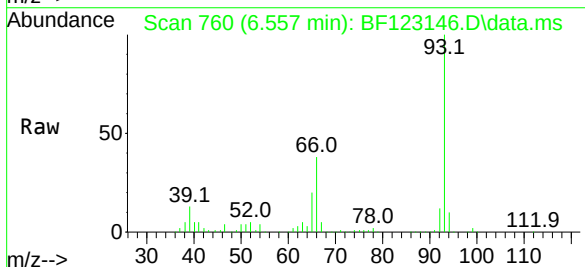
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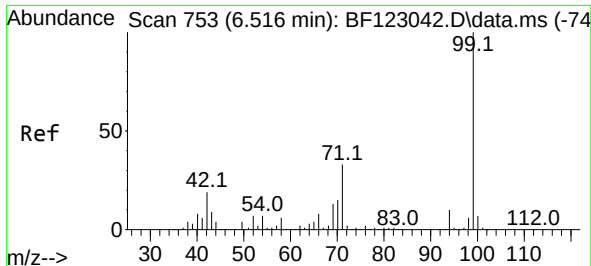
Tgt Ion:112 Resp: 1639297
Ion Ratio Lower Upper
112 100
64 59.8 46.9 70.3
63 31.6 24.5 36.7



#6
Aniline
Concen: 28.26 ng
RT: 6.557 min Scan# 760
Delta R.T. -0.000 min
Lab File: BF123146.D
Acq: 8 Feb 2021 15:38

Tgt Ion: 93 Resp: 709818
Ion Ratio Lower Upper
93 100
66 38.4 31.3 46.9
65 19.6 15.6 23.4

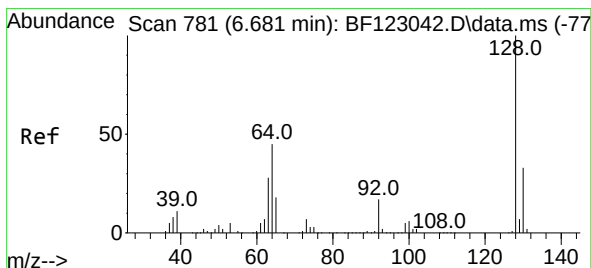
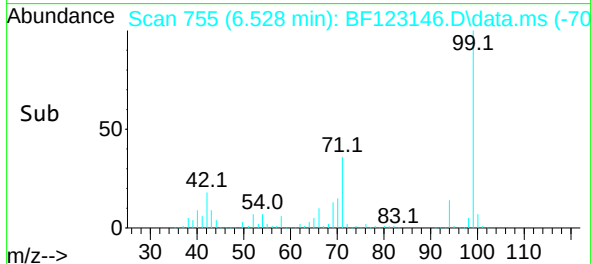
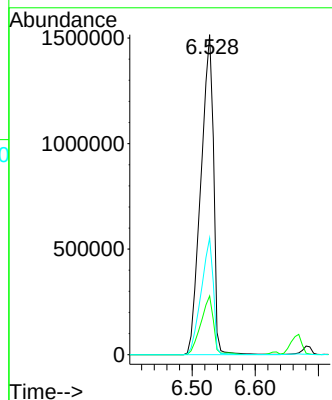
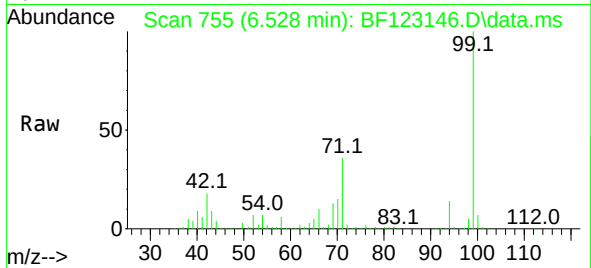




#7
Phenol-d6
Concen: 103.76 ng
RT: 6.528 min Scan# 755
Delta R.T. 0.012 min
Lab File: BF123146.D
Acq: 8 Feb 2021 15:38

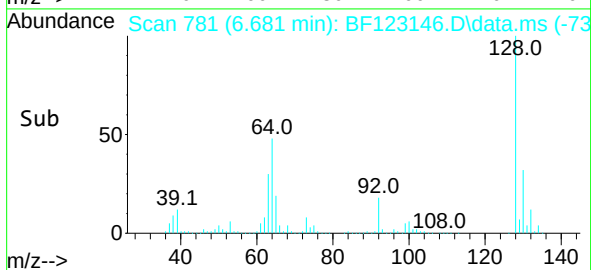
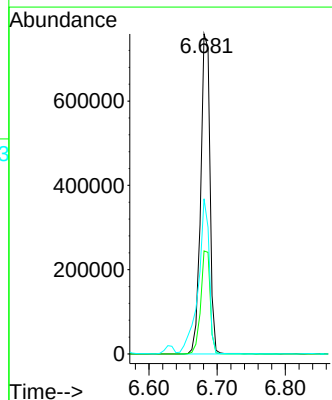
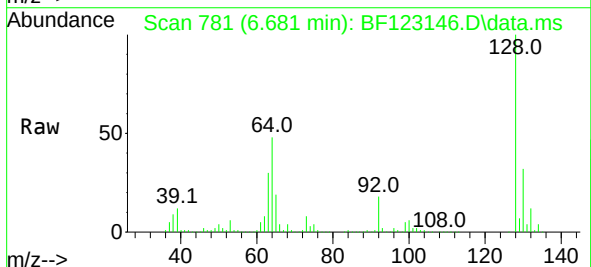
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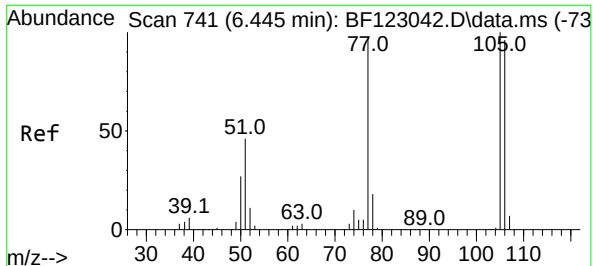
Tgt Ion: 99 Resp: 2117235
Ion Ratio Lower Upper
99 100
42 18.3 13.8 20.6
71 36.5 26.9 40.3



#8
2-Chlorophenol
Concen: 43.97 ng
RT: 6.681 min Scan# 781
Delta R.T. -0.000 min
Lab File: BF123146.D
Acq: 8 Feb 2021 15:38

Tgt Ion:128 Resp: 717516
Ion Ratio Lower Upper
128 100
130 32.2 12.3 52.3
64 48.5 25.5 65.5

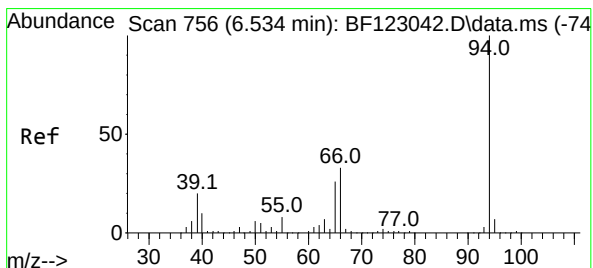
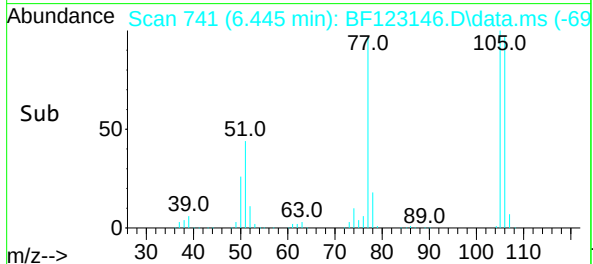
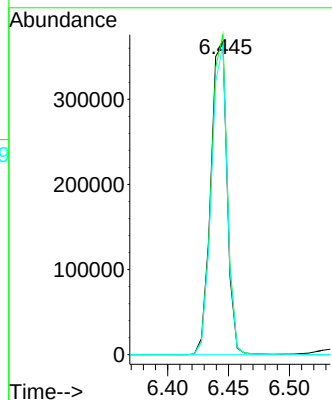
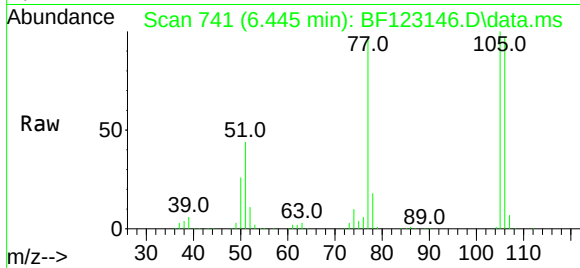




#9
Benzaldehyde
Concen: 36.83 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF123146.D
Acq: 8 Feb 2021 15:38

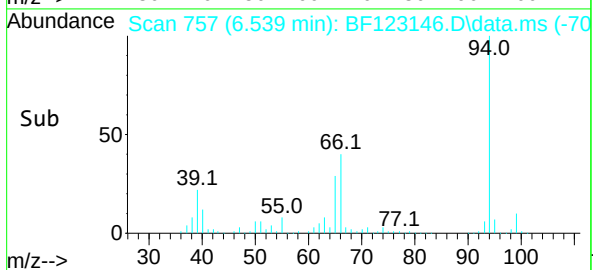
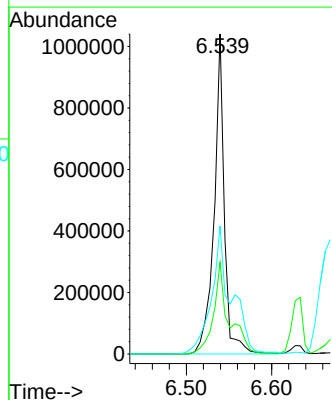
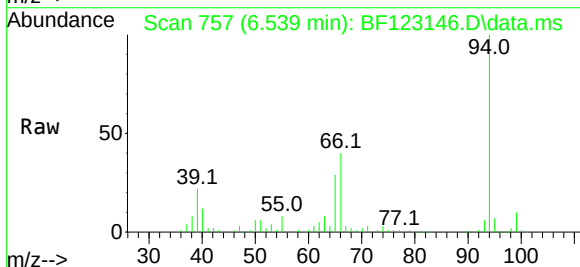
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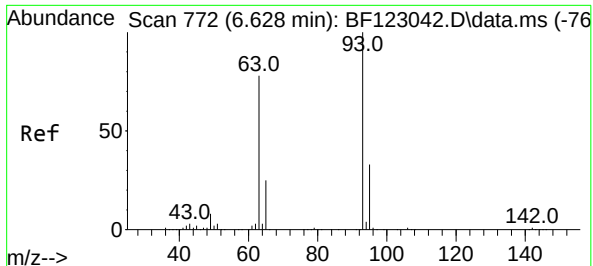
Tgt Ion: 77 Resp: 343593
Ion Ratio Lower Upper
77 100
105 102.9 80.6 120.6
106 99.4 77.2 117.2



#10
Phenol
Concen: 43.08 ng
RT: 6.539 min Scan# 757
Delta R.T. 0.006 min
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Tgt Ion: 94 Resp: 871788
Ion Ratio Lower Upper
94 100
65 28.7 11.2 51.2
66 39.9 25.8 65.8

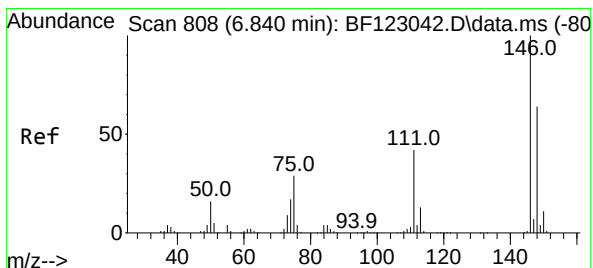
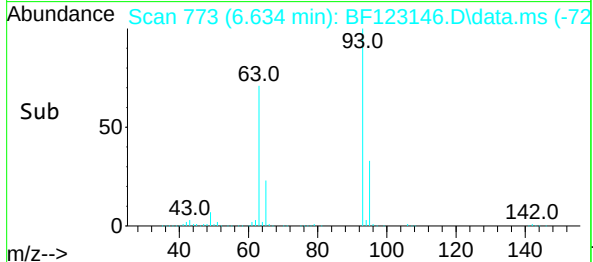
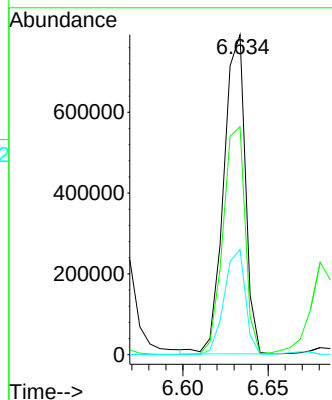
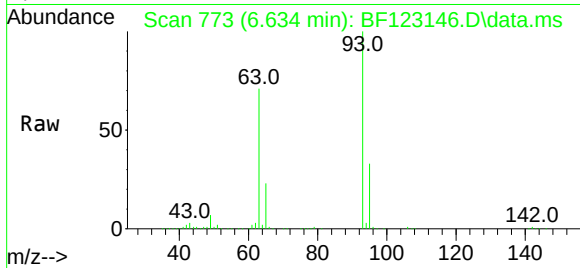




#11
bis(2-Chloroethyl)ether
Concen: 41.42 ng
RT: 6.634 min Scan# 773
Delta R.T. 0.006 min
Lab File: BF123146.D
Acq: 8 Feb 2021 15:38

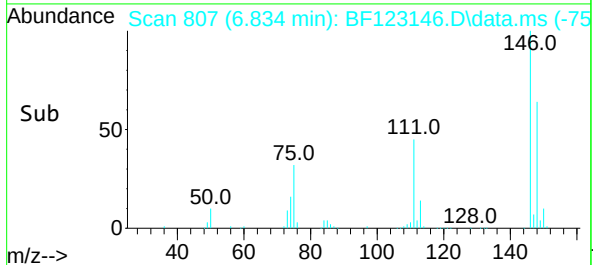
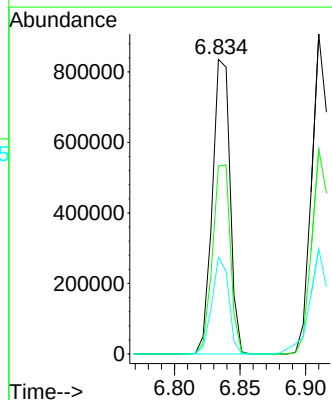
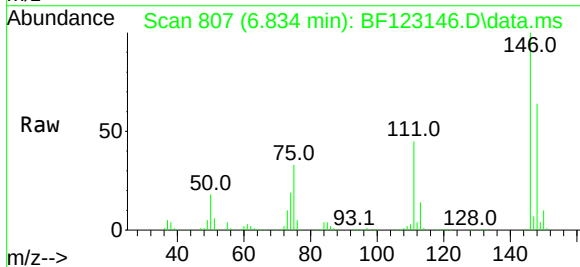
Instrument :
BNA_F
ClientSampleId :
PB134513BS

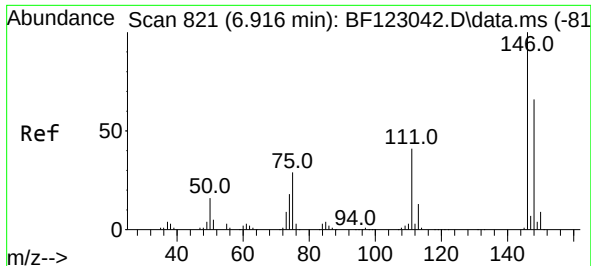
Tgt Ion: 93 Resp: 697512
Ion Ratio Lower Upper
93 100
63 71.2 52.6 92.6
95 32.8 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 41.17 ng
RT: 6.834 min Scan# 807
Delta R.T. -0.006 min
Lab File: BF123146.D
Acq: 8 Feb 2021 15:38

Tgt Ion:146 Resp: 783516
Ion Ratio Lower Upper
146 100
148 63.8 51.8 77.8
75 32.9 22.5 33.7





#13

1,4-Dichlorobenzene

Concen: 40.05 ng

RT: 6.910 min Scan# 820

Delta R.T. -0.006 min

Lab File: BF123146.D

Acq: 8 Feb 2021 15:38

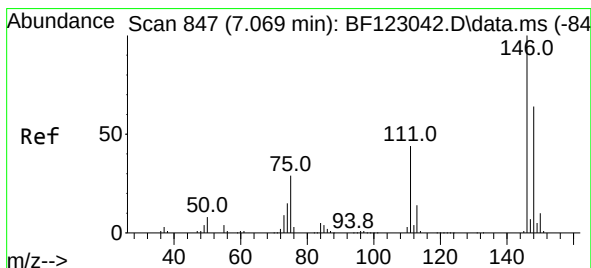
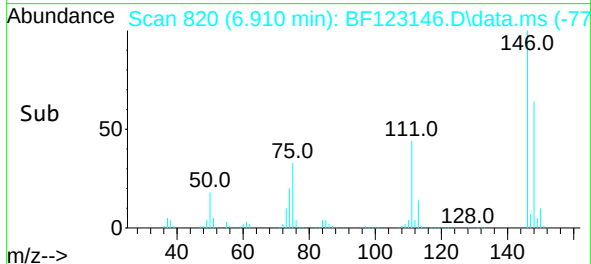
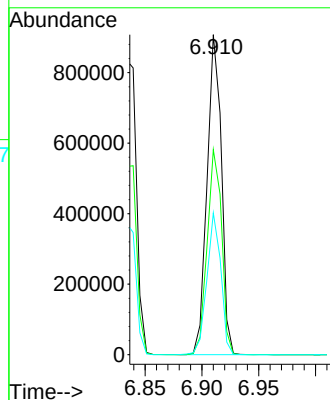
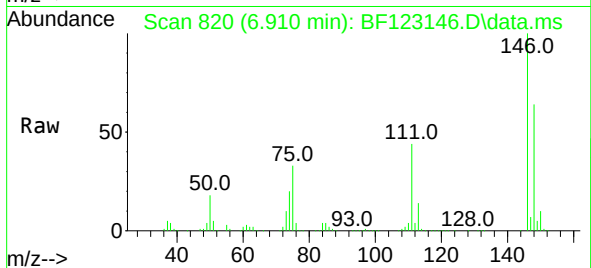
Tgt Ion:146 Resp: 793647

Ion Ratio Lower Upper

146 100

148 64.1 52.0 78.0

111 44.3 32.3 48.5



#14

1,2-Dichlorobenzene

Concen: 41.17 ng

RT: 7.063 min Scan# 846

Delta R.T. -0.006 min

Lab File: BF123146.D

Acq: 8 Feb 2021 15:38

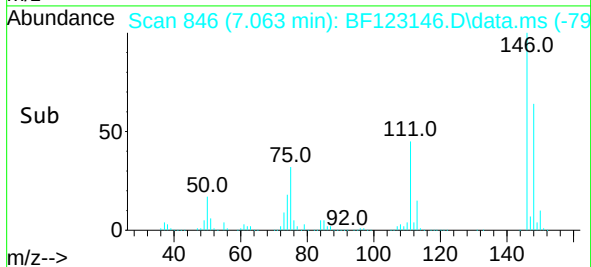
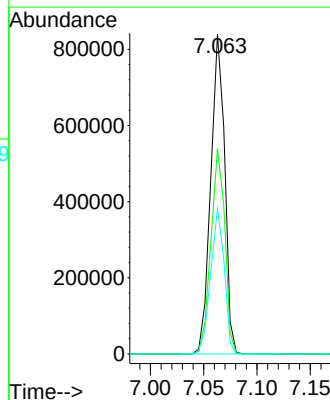
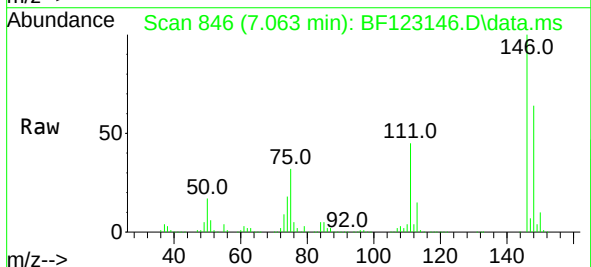
Tgt Ion:146 Resp: 763325

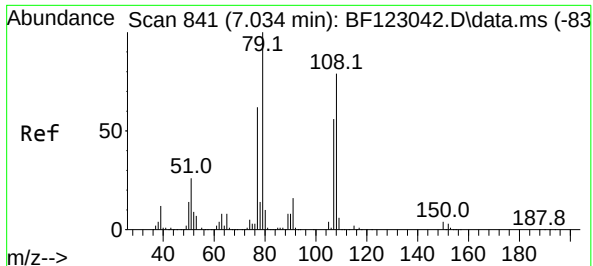
Ion Ratio Lower Upper

146 100

148 64.1 51.5 77.3

111 45.3 34.2 51.2

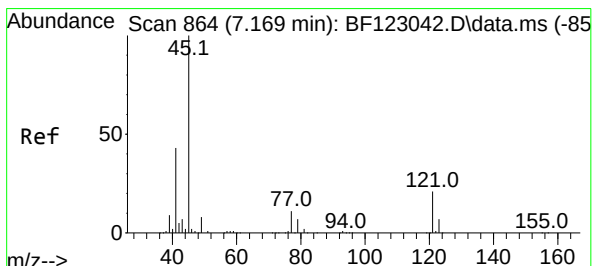
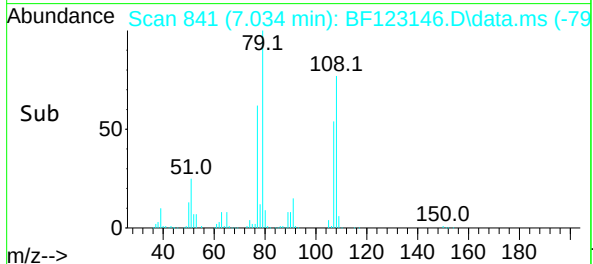
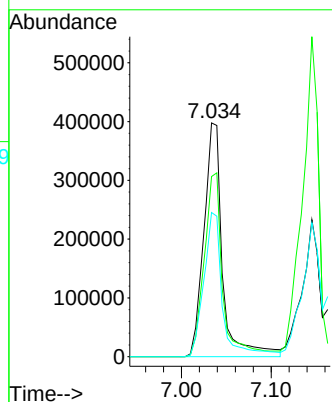
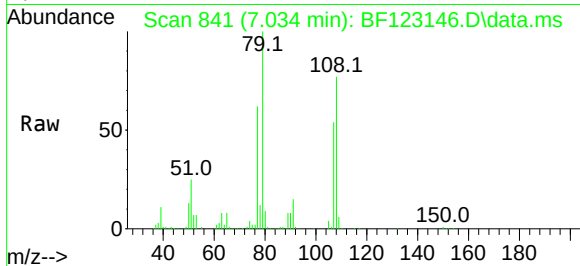




#15
Benzyl Alcohol
Concen: 40.12 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF123146.D
Acq: 8 Feb 2021 15:38

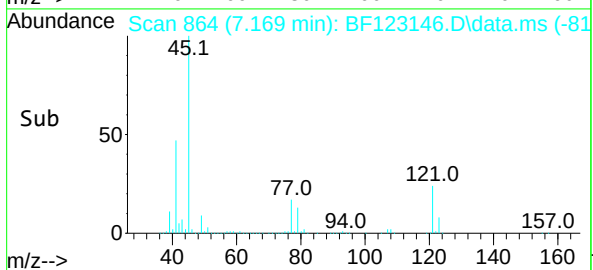
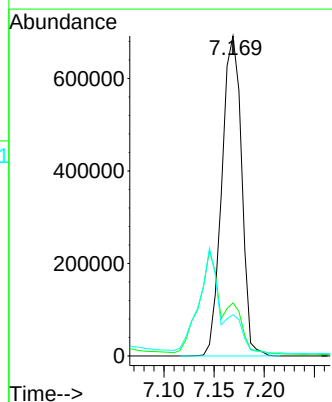
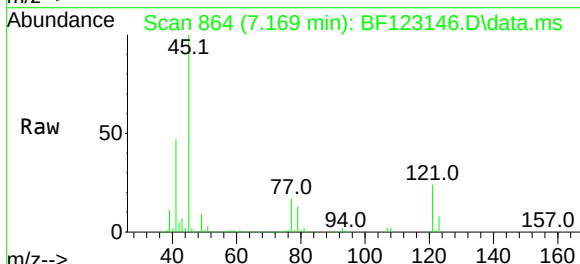
Instrument :
BNA_F
ClientSampleId :
PB134513BS

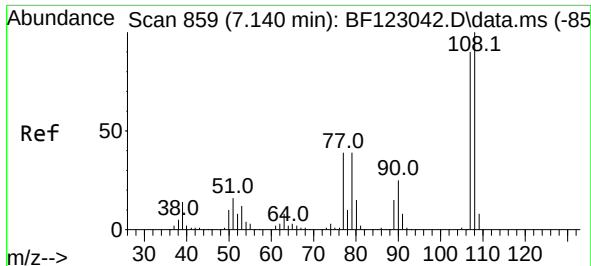
Tgt Ion: 79 Resp: 573981
Ion Ratio Lower Upper
79 100
108 77.0 62.4 93.6
77 61.6 49.0 73.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.43 ng
RT: 7.169 min Scan# 864
Delta R.T. -0.000 min
Lab File: BF123146.D
Acq: 8 Feb 2021 15:38

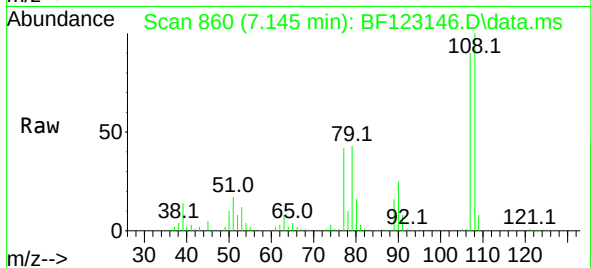
Tgt Ion: 45 Resp: 946023
Ion Ratio Lower Upper
45 100
77 16.6 0.0 35.6
79 12.9 0.0 32.4



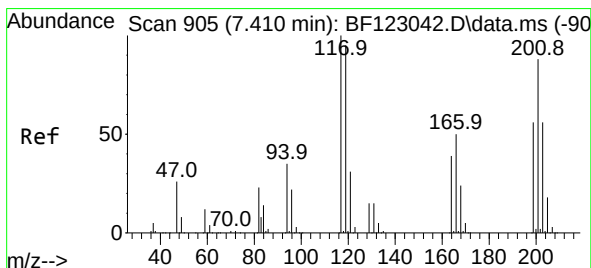
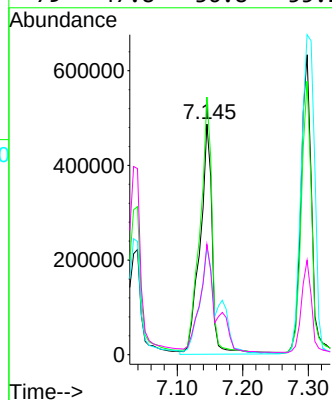
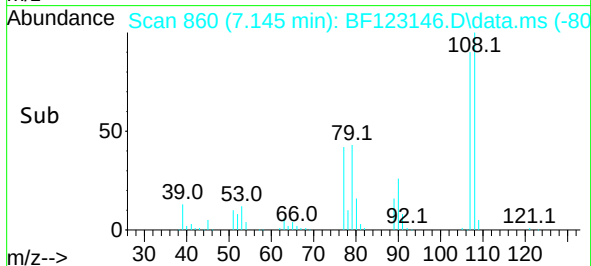


#17
2-Methylphenol
Concen: 45.49 ng
RT: 7.145 min Scan# 860
Delta R.T. 0.006 min
Lab File: BF123146.D
Acq: 8 Feb 2021 15:38

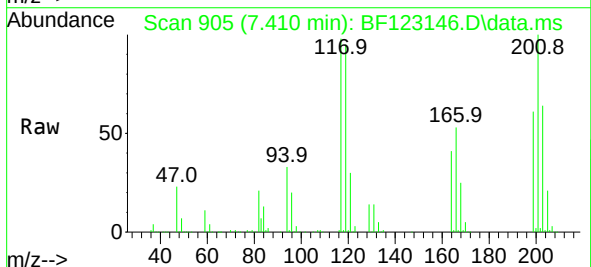
Instrument :
BNA_F
ClientSampleId :
PB134513BS



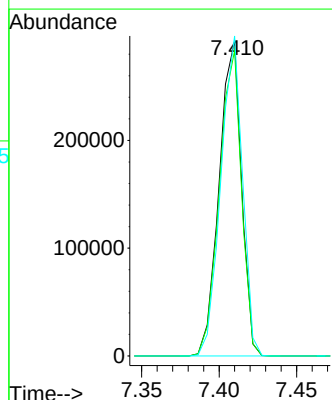
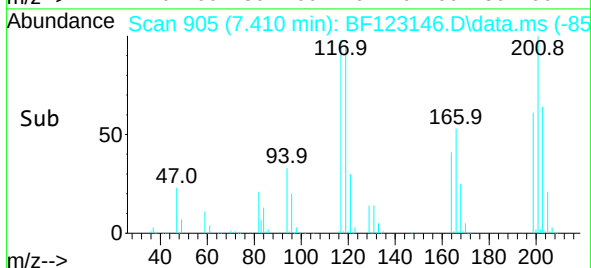
Tgt Ion:107 Resp: 631588
Ion Ratio Lower Upper
107 100
108 111.7 91.1 136.7
77 46.7 36.3 54.5
79 47.8 36.8 55.2

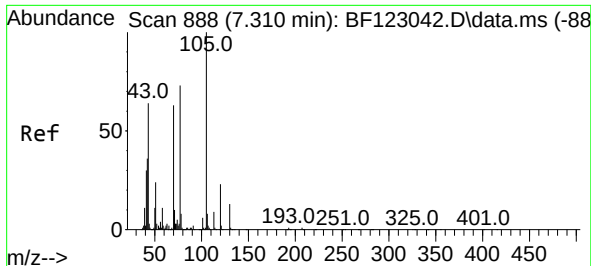


#18
Hexachloroethane
Concen: 42.10 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.000 min
Lab File: BF123146.D
Acq: 8 Feb 2021 15:38



Tgt Ion:117 Resp: 292273
Ion Ratio Lower Upper
117 100
119 97.0 78.4 117.6
201 101.6 79.6 119.4



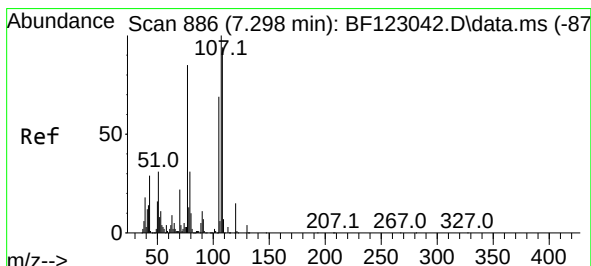
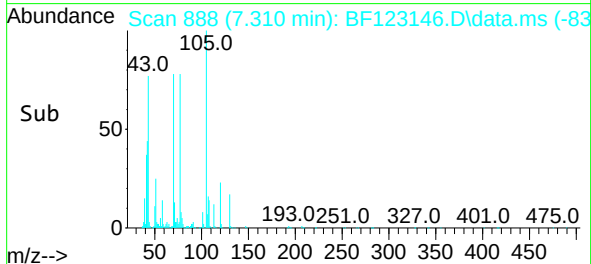
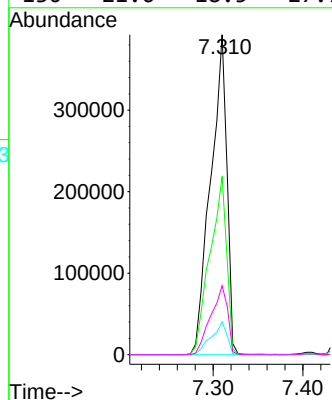
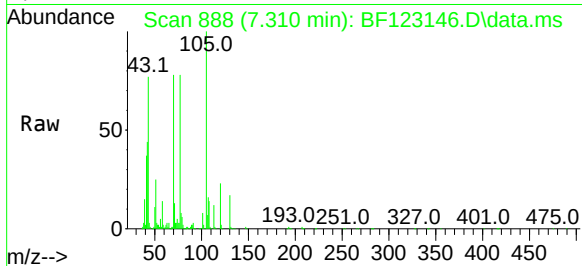


#19
n-Nitroso-di-n-propylamine
Concen: 40.30 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.000 min
Lab File: BF123146.D
Acq: 8 Feb 2021 15:38

Instrument :
BNA_F
ClientSampleId :
PB134513BS

Tgt Ion: 70 Resp: 494469

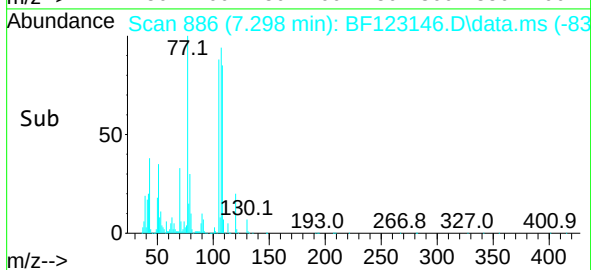
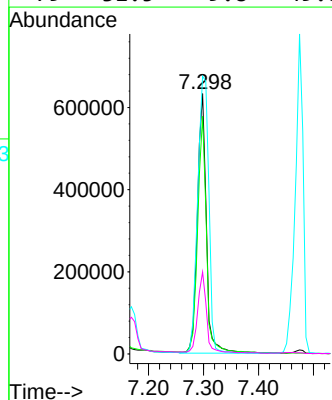
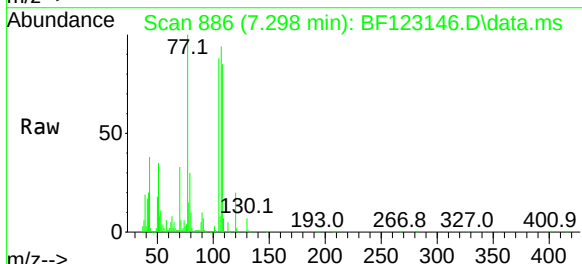
Ion	Ratio	Lower	Upper
70	100		
42	55.8	43.0	64.4
101	10.3	7.9	11.9
130	21.6	18.5	27.7

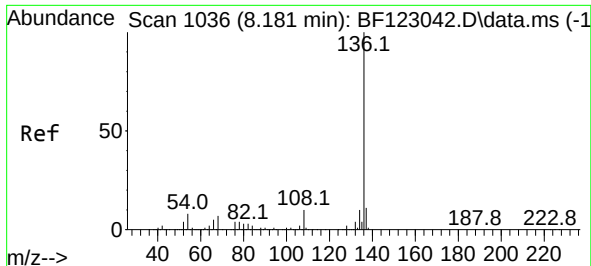


#20
3+4-Methylphenols
Concen: 44.14 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.000 min
Lab File: BF123146.D
Acq: 8 Feb 2021 15:38

Tgt Ion: 107 Resp: 721848

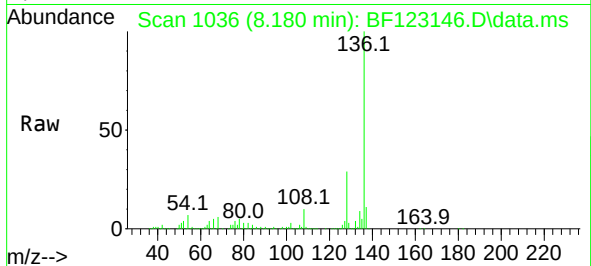
Ion	Ratio	Lower	Upper
107	100		
108	91.2	68.7	108.7
77	106.7	89.8	129.8
79	31.5	9.8	49.8



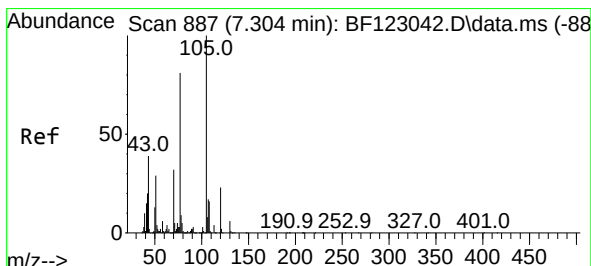
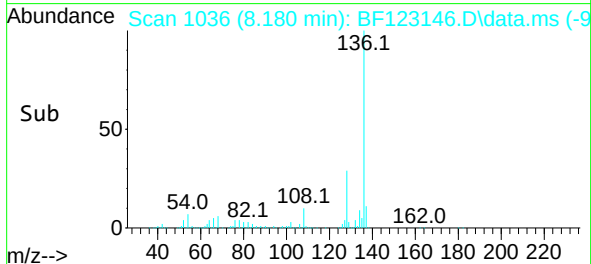
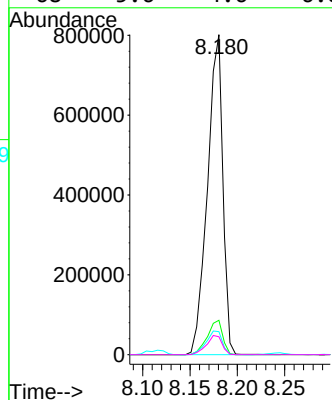


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.180 min Scan# 1036
Delta R.T. -0.001 min
Lab File: BF123146.D
Acq: 8 Feb 2021 15:38

Instrument :
BNA_F
ClientSampleId :
PB134513BS

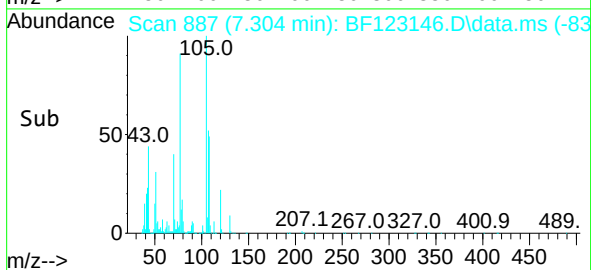
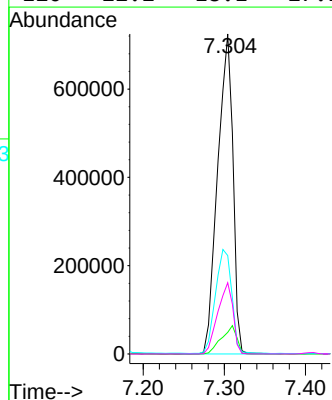
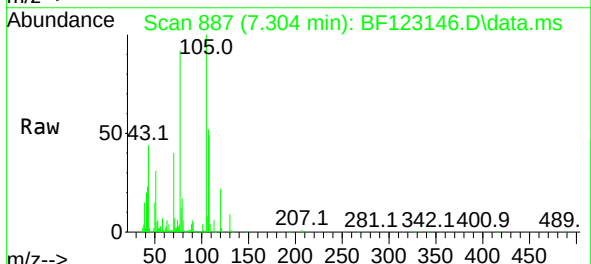


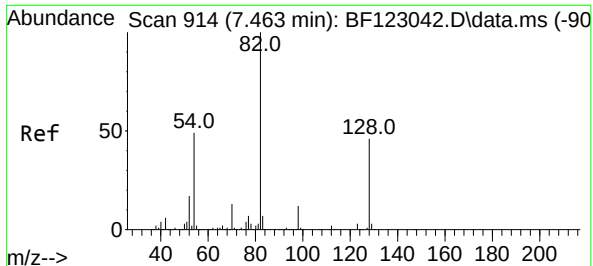
Tgt	Ion:136	Resp:	905801
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	7.2	5.5	8.3
68	5.6	4.6	6.8



#22
Acetophenone
Concen: 40.29 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.000 min
Lab File: BF123146.D
Acq: 8 Feb 2021 15:38

Tgt	Ion:105	Resp:	950900
Ion	Ratio	Lower	Upper
105	100		
71	6.7	6.5	9.7
51	30.8	24.3	36.5
120	22.2	18.1	27.1





#23

Nitrobenzene-d5

Concen: 67.75 ng

RT: 7.457 min Scan# 913

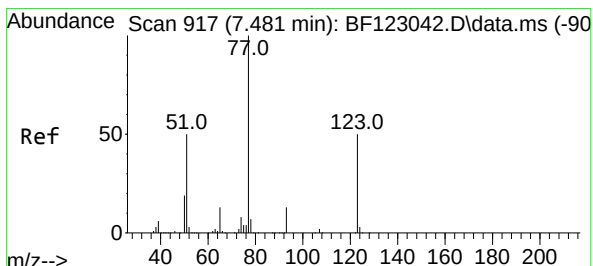
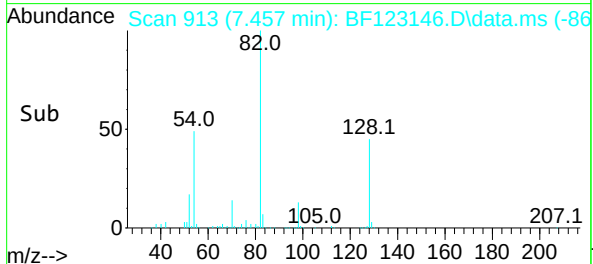
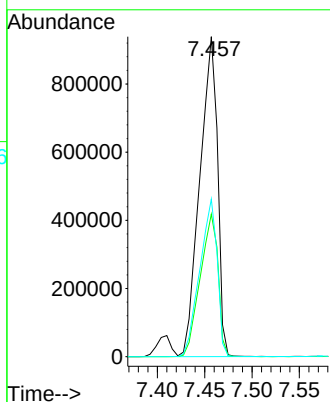
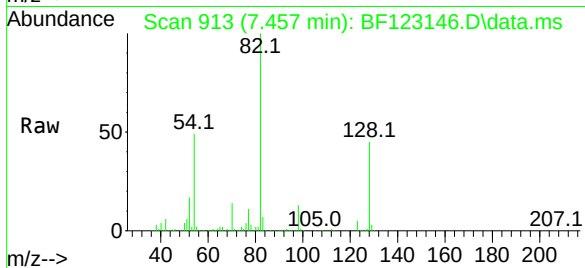
Delta R.T. -0.006 min

Lab File: BF123146.D

Acq: 8 Feb 2021 15:38

Tgt Ion: 82 Resp: 1219301

Ion	Ratio	Lower	Upper
82	100		
128	44.5	37.0	55.4
54	49.3	38.4	57.6



#24

Nitrobenzene

Concen: 41.69 ng

RT: 7.475 min Scan# 916

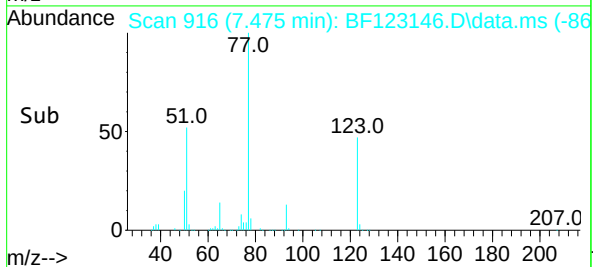
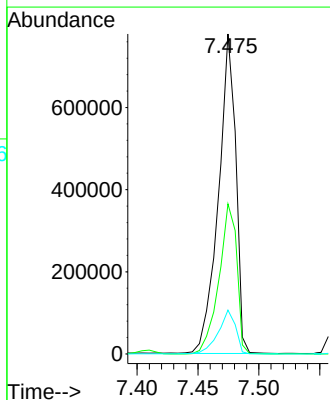
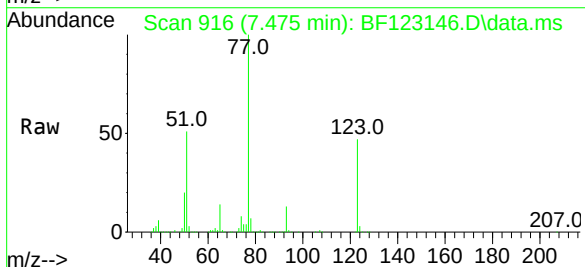
Delta R.T. -0.006 min

Lab File: BF123146.D

Acq: 8 Feb 2021 15:38

Tgt Ion: 77 Resp: 773182

Ion	Ratio	Lower	Upper
77	100		
123	46.9	39.3	58.9
65	13.7	10.6	15.8

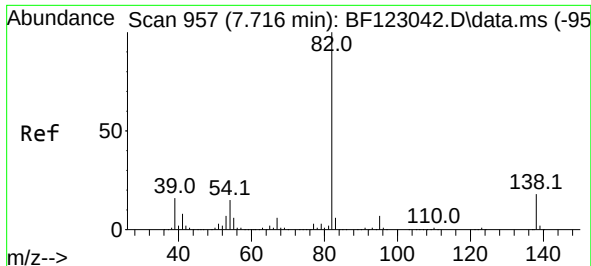


Instrument :

BNA_F

ClientSampleId :

PB134513BS

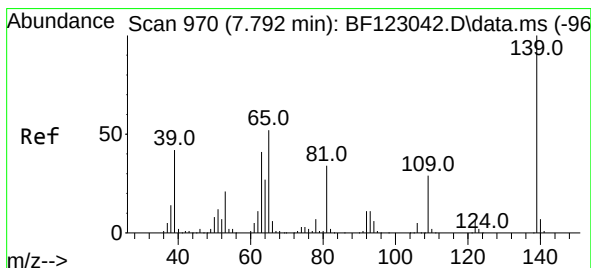
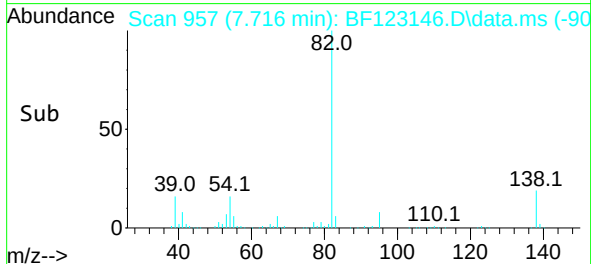
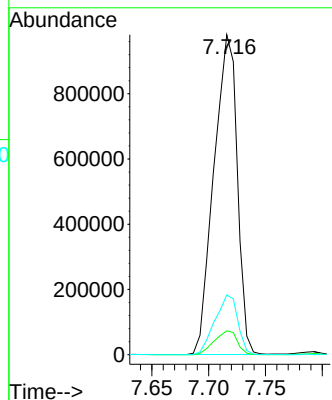
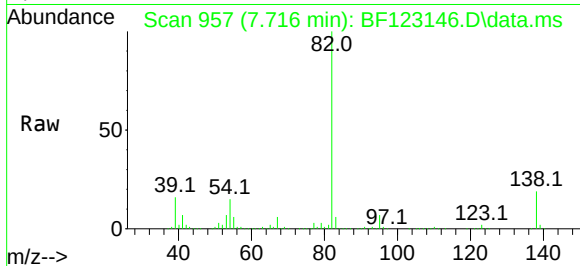


#25
Isophorone
Concen: 42.64 ng
RT: 7.716 min Scan# 957
Delta R.T. -0.000 min
Lab File: BF123146.D
Acq: 8 Feb 2021 15:38

Instrument :
BNA_F
ClientSampleId :
PB134513BS

Tgt Ion: 82 Resp: 1405784

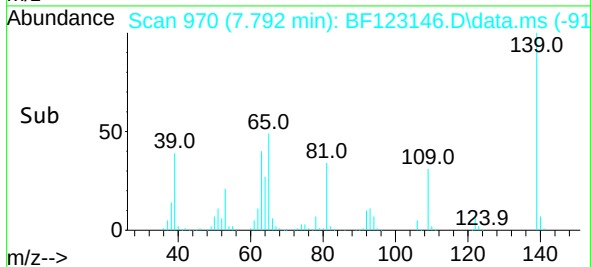
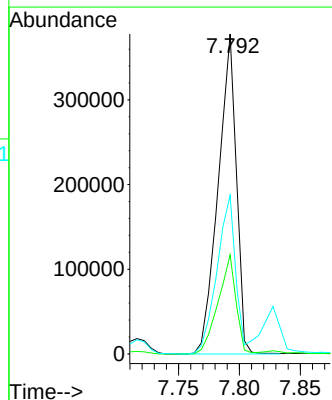
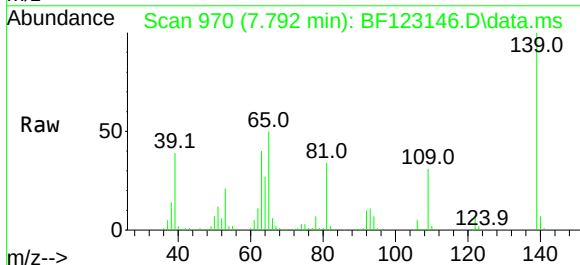
Ion	Ratio	Lower	Upper
82	100		
95	7.4	5.8	8.6
138	18.7	14.6	21.8

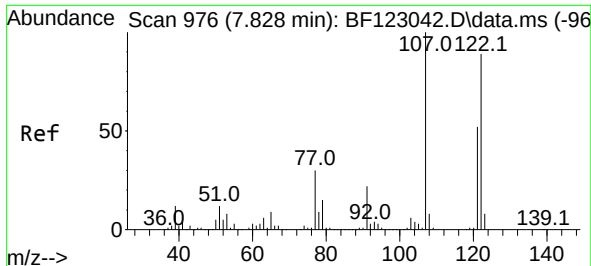


#26
2-Nitrophenol
Concen: 51.34 ng
RT: 7.792 min Scan# 970
Delta R.T. -0.000 min
Lab File: BF123146.D
Acq: 8 Feb 2021 15:38

Tgt Ion: 139 Resp: 393725

Ion	Ratio	Lower	Upper
139	100		
109	30.9	24.0	36.0
65	49.5	40.9	61.3





#27

2,4-Dimethylphenol

Concen: 48.84 ng

RT: 7.828 min Scan# 976

Delta R.T. -0.000 min

Lab File: BF123146.D

Acq: 8 Feb 2021 15:38

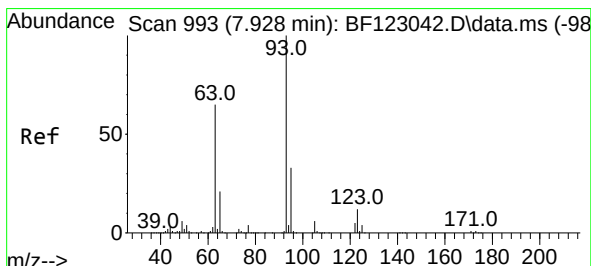
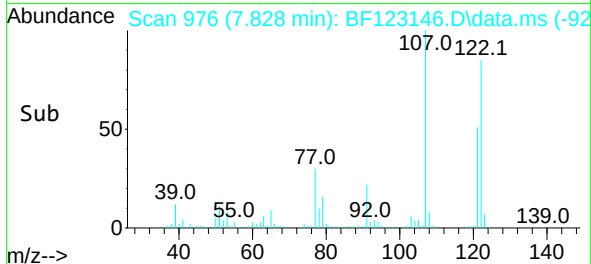
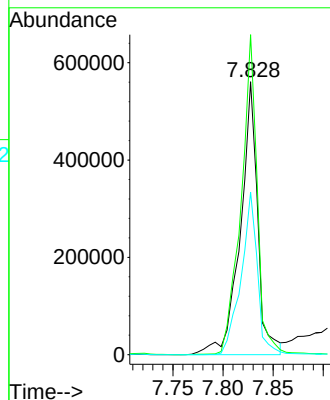
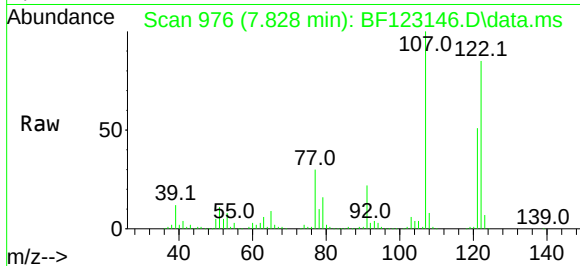
Tgt Ion:122 Resp: 675830

Ion Ratio Lower Upper

122 100

107 117.2 91.8 137.8

121 59.5 47.3 70.9



#28

bis(2-Chloroethoxy)methane

Concen: 39.25 ng

RT: 7.922 min Scan# 992

Delta R.T. -0.006 min

Lab File: BF123146.D

Acq: 8 Feb 2021 15:38

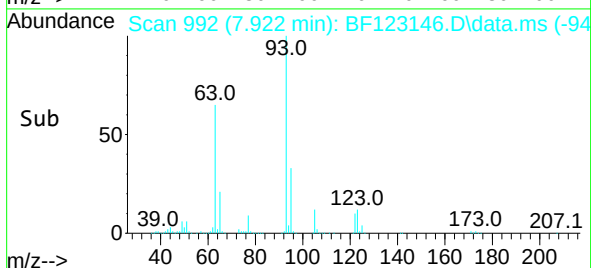
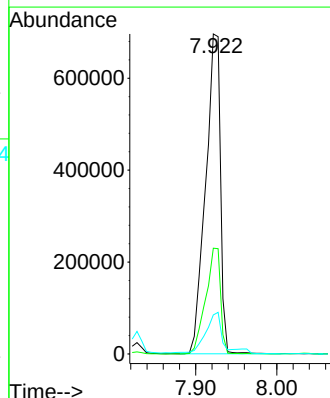
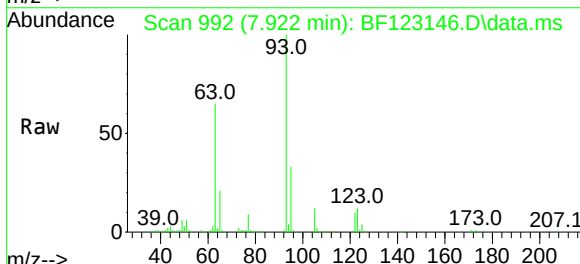
Tgt Ion: 93 Resp: 882935

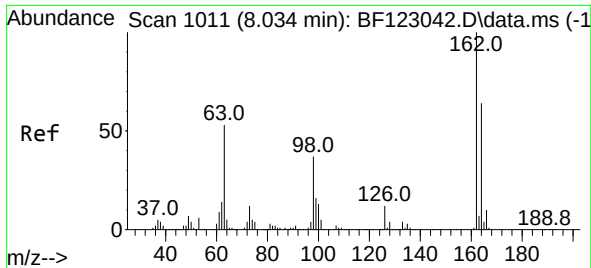
Ion Ratio Lower Upper

93 100

95 33.0 26.2 39.2

123 12.2 9.2 13.8

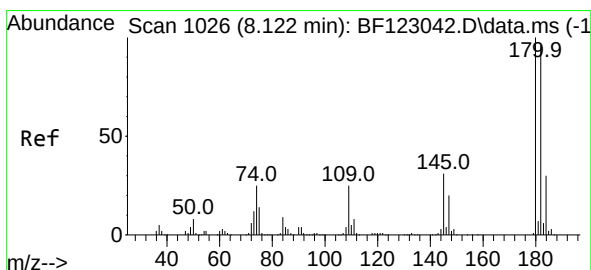
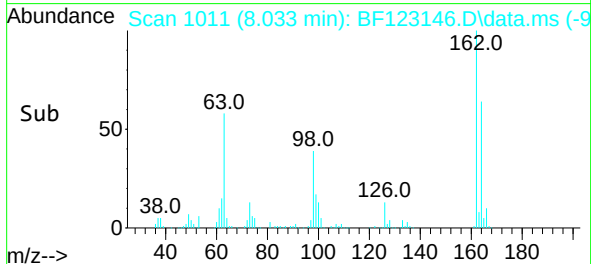
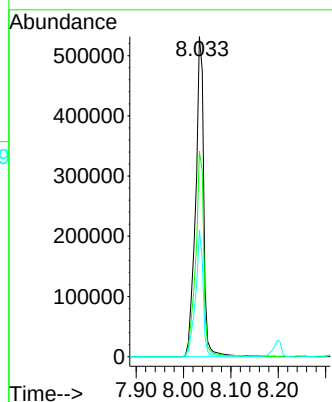
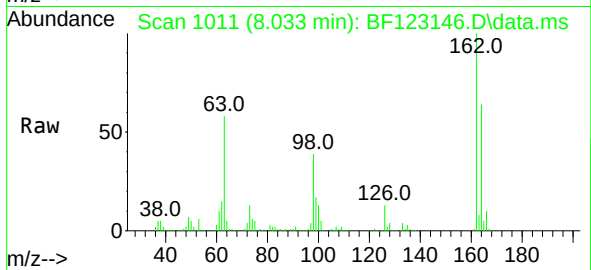




#29
2,4-Dichlorophenol
Concen: 44.11 ng
RT: 8.033 min Scan# 1011
Delta R.T. -0.000 min
Lab File: BF123146.D
Acq: 8 Feb 2021 15:38

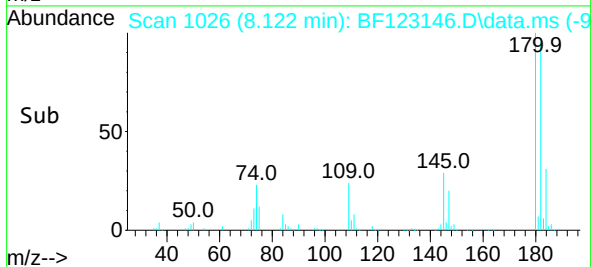
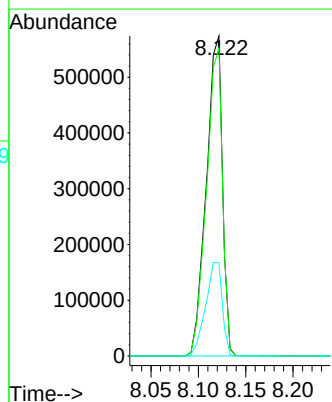
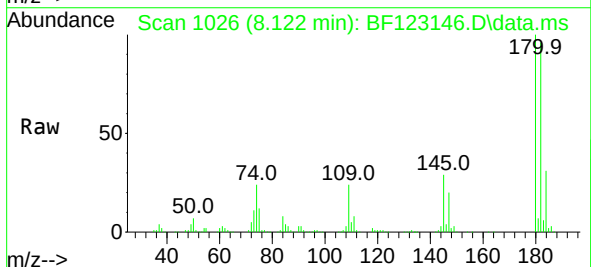
Instrument :
BNA_F
ClientSampleId :
PB134513BS

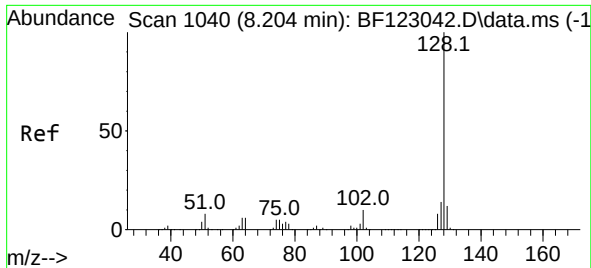
Tgt Ion:162 Resp: 638287
Ion Ratio Lower Upper
162 100
164 64.2 43.2 83.2
98 39.5 15.2 55.2



#30
1,2,4-Trichlorobenzene
Concen: 41.57 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF123146.D
Acq: 8 Feb 2021 15:38

Tgt Ion:180 Resp: 677651
Ion Ratio Lower Upper
180 100
182 96.3 75.7 113.5
145 29.1 25.0 37.4

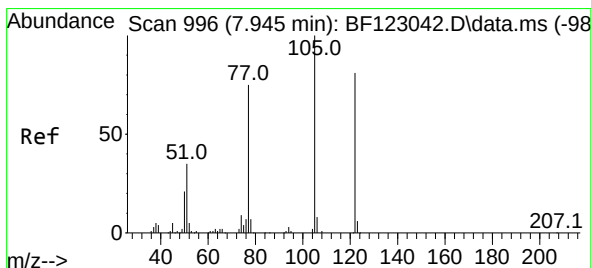
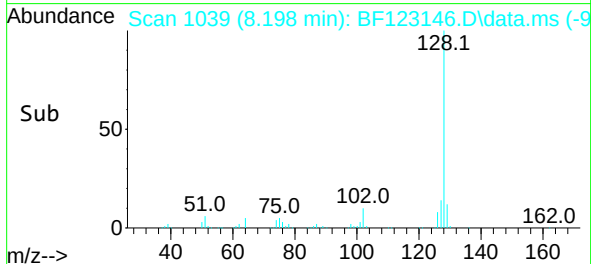
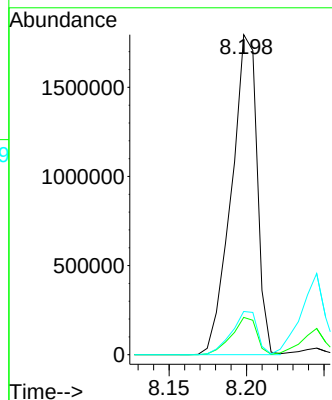
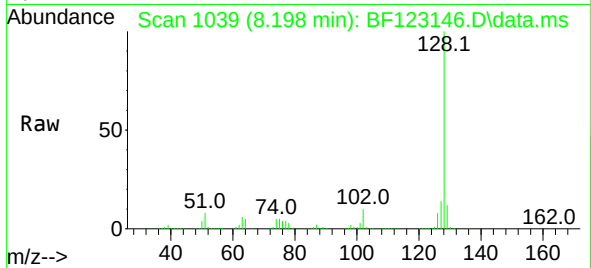




#31
Naphthalene
Concen: 41.65 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF123146.D
Acq: 8 Feb 2021 15:38

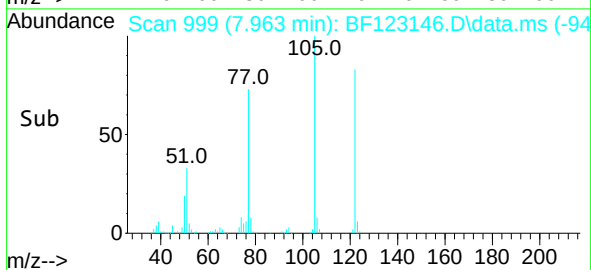
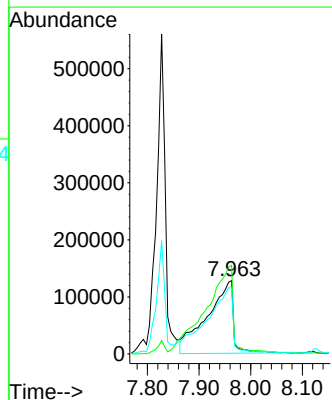
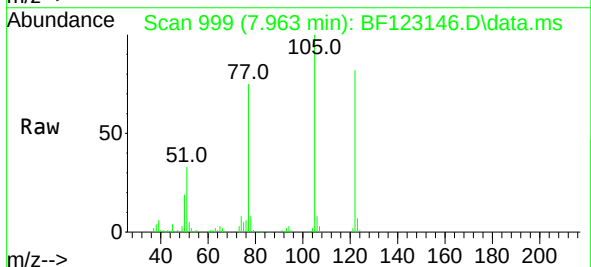
Instrument :
BNA_F
ClientSampleId :
PB134513BS

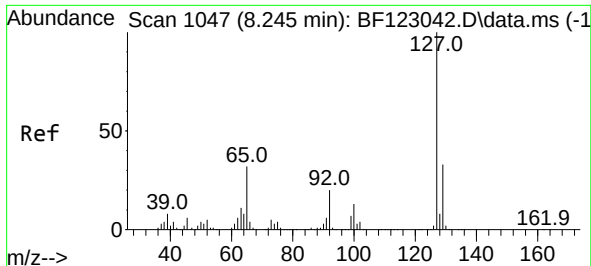
Tgt Ion:128 Resp: 2069481
Ion Ratio Lower Upper
128 100
129 11.7 9.0 13.6
127 13.5 10.7 16.1



#32
Benzoic acid
Concen: 41.13 ng
RT: 7.963 min Scan# 999
Delta R.T. 0.018 min
Lab File: BF123146.D
Acq: 8 Feb 2021 15:38

Tgt Ion:122 Resp: 449640
Ion Ratio Lower Upper
122 100
105 121.2 104.8 144.8
77 90.5 71.0 111.0

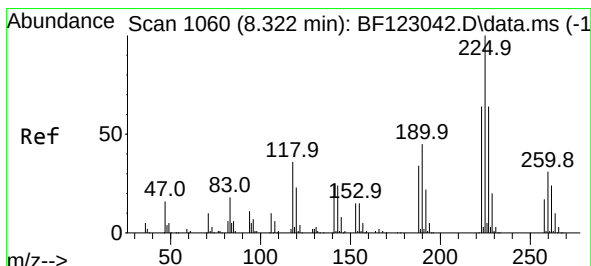
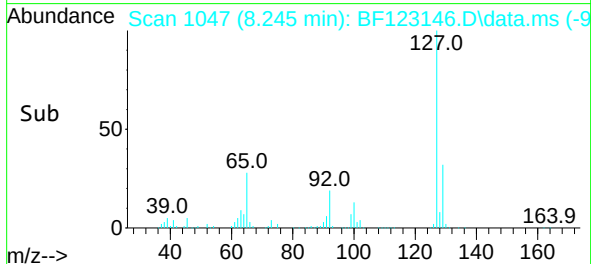
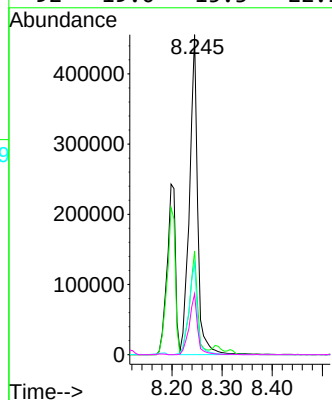
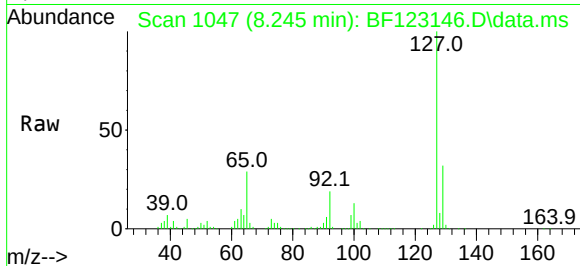




#33
4-Chloroaniline
Concen: 23.51 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.000 min
Lab File: BF123146.D
Acq: 8 Feb 2021 15:38

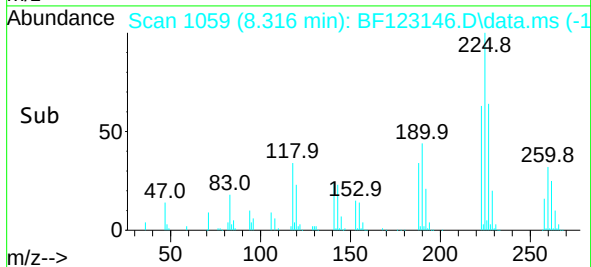
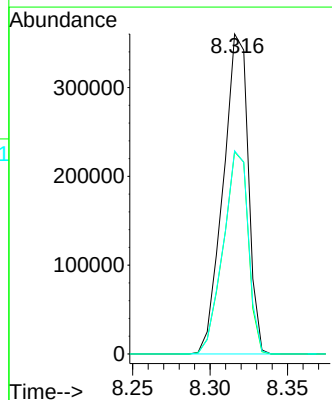
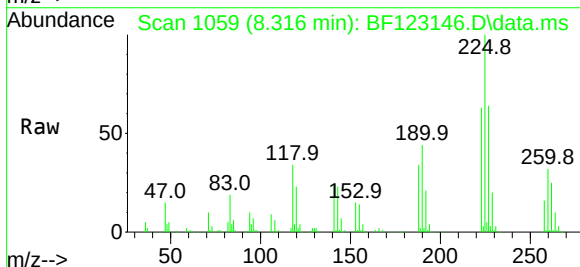
Instrument :
BNA_F
ClientSampleId :
PB134513BS

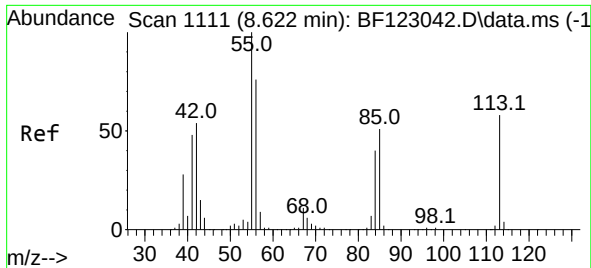
Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.2	39.2
65	28.8	22.2	33.2
92	19.0	15.3	22.9



#34
Hexachlorobutadiene
Concen: 43.05 ng
RT: 8.316 min Scan# 1059
Delta R.T. -0.006 min
Lab File: BF123146.D
Acq: 8 Feb 2021 15:38

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.7	76.1
227	63.5	51.7	77.5

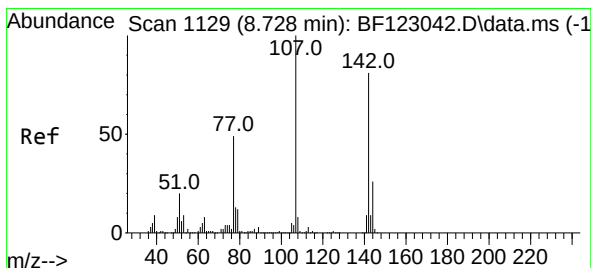
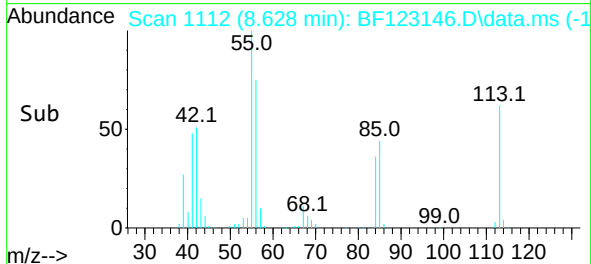
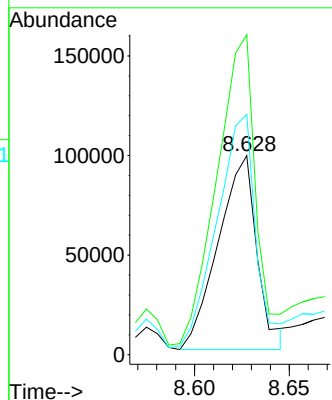
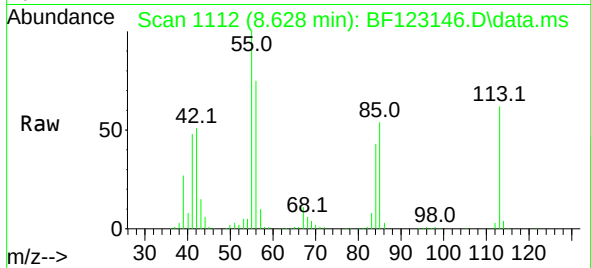




#35
Caprolactam
Concen: 28.33 ng
RT: 8.628 min Scan# 1112
Delta R.T. 0.006 min
Lab File: BF123146.D
Acq: 8 Feb 2021 15:38

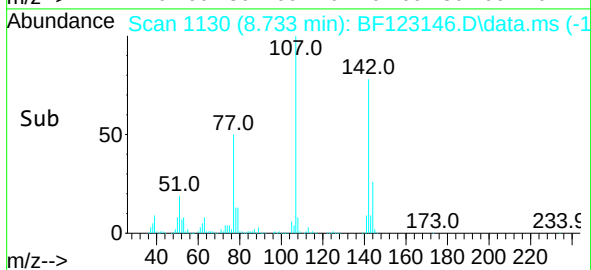
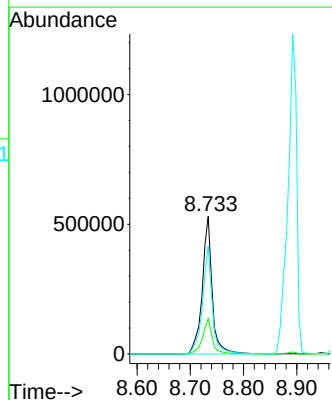
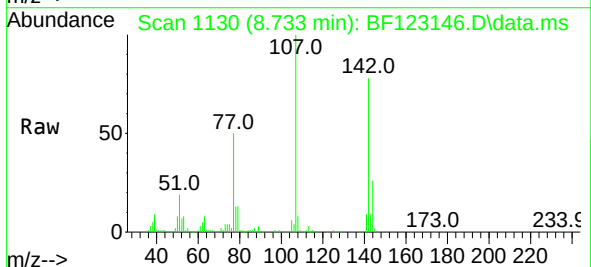
Instrument :
BNA_F
ClientSampleId :
PB134513BS

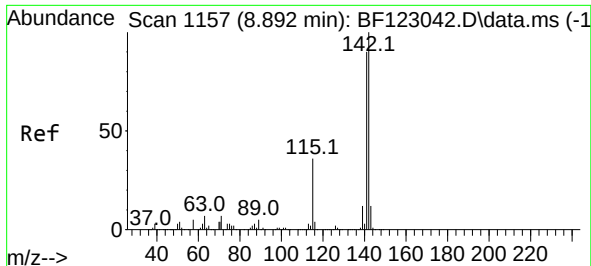
Tgt Ion:113 Resp: 138544
Ion Ratio Lower Upper
113 100
55 160.8 133.7 173.7
56 120.7 95.3 135.3



#36
4-Chloro-3-methylphenol
Concen: 45.83 ng
RT: 8.733 min Scan# 1130
Delta R.T. 0.006 min
Lab File: BF123146.D
Acq: 8 Feb 2021 15:38

Tgt Ion:107 Resp: 689573
Ion Ratio Lower Upper
107 100
144 25.5 20.2 30.2
142 78.5 64.4 96.6

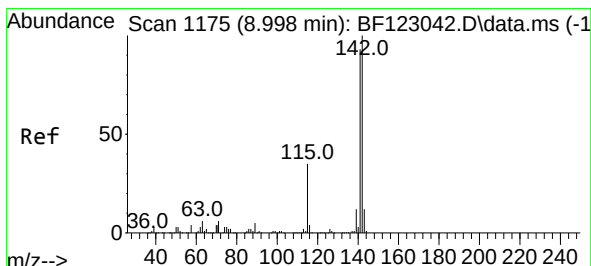
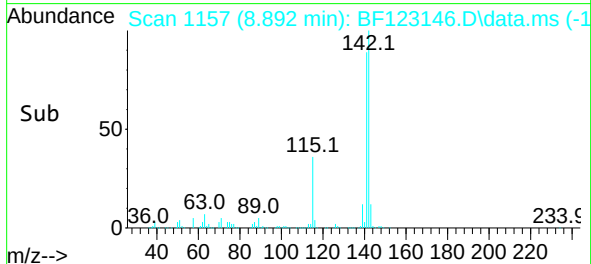
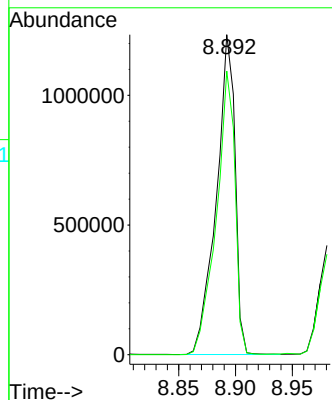
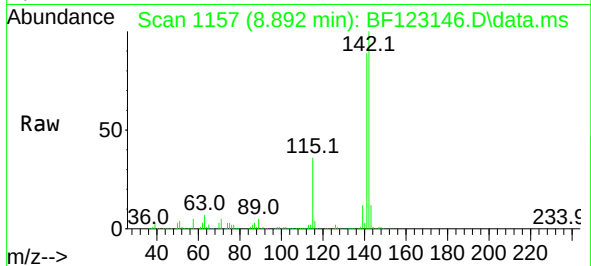




#37
2-Methylnaphthalene
Concen: 43.05 ng
RT: 8.892 min Scan# 1157
Delta R.T. -0.000 min
Lab File: BF123146.D
Acq: 8 Feb 2021 15:38

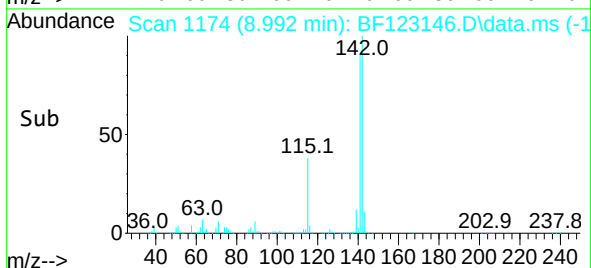
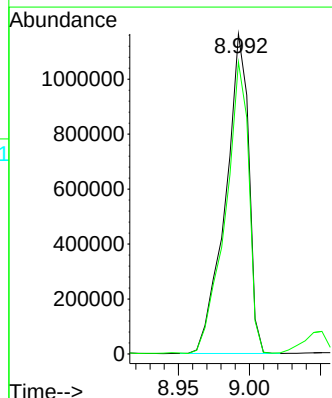
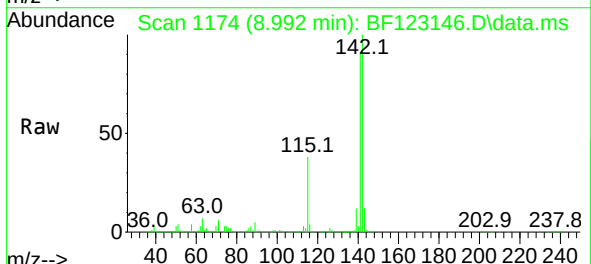
Instrument :
BNA_F
ClientSampleId :
PB134513BS

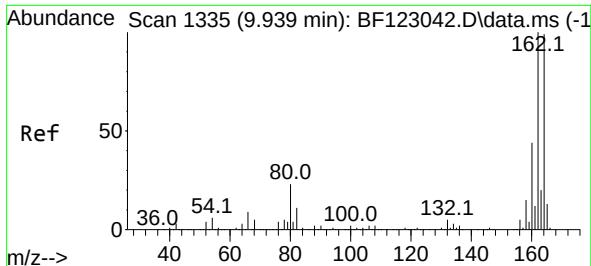
Tgt Ion:142 Resp: 1420084
Ion Ratio Lower Upper
142 100
141 88.6 70.6 106.0



#38
1-Methylnaphthalene
Concen: 42.51 ng
RT: 8.992 min Scan# 1174
Delta R.T. -0.006 min
Lab File: BF123146.D
Acq: 8 Feb 2021 15:38

Tgt Ion:142 Resp: 1327484
Ion Ratio Lower Upper
142 100
141 91.2 74.5 111.7

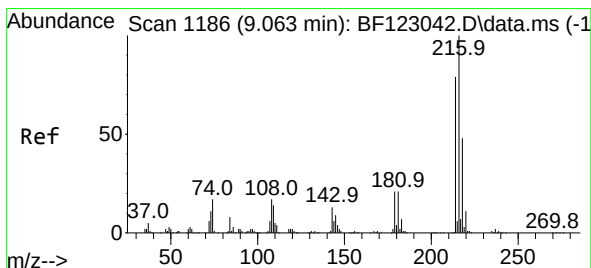
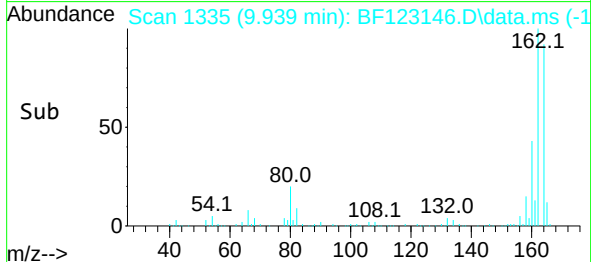
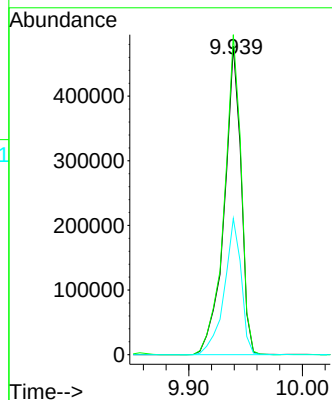
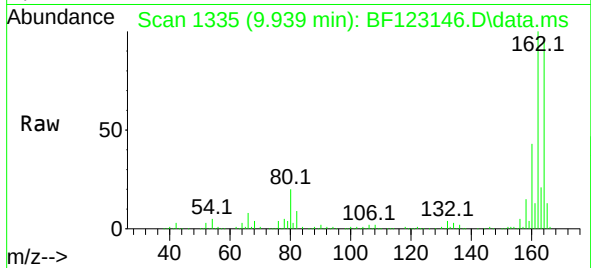




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF123146.D
Acq: 8 Feb 2021 15:38

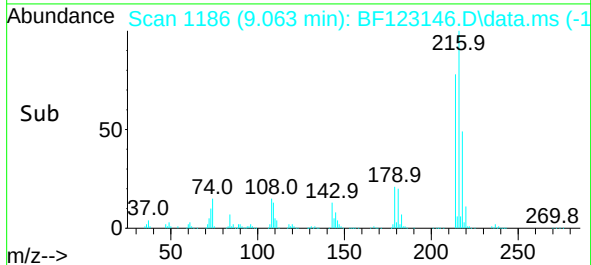
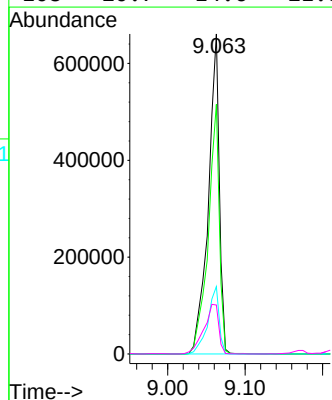
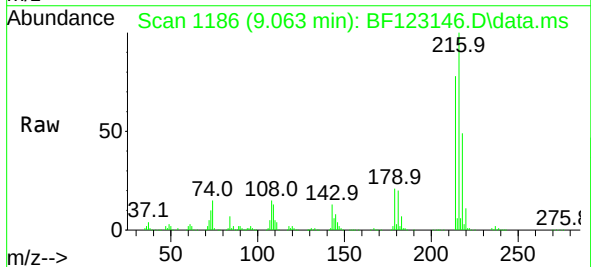
Instrument :
BNA_F
ClientSampleId :
PB134513BS

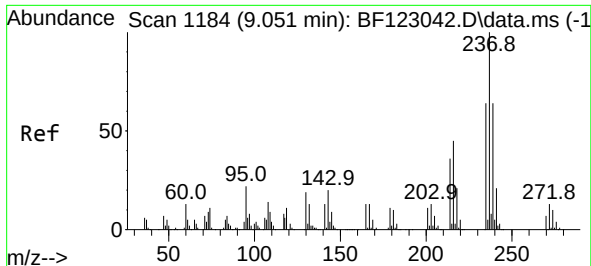
Tgt Ion:164 Resp: 489688
Ion Ratio Lower Upper
164 100
162 103.7 80.8 121.2
160 44.1 35.4 53.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.93 ng
RT: 9.063 min Scan# 1186
Delta R.T. -0.000 min
Lab File: BF123146.D
Acq: 8 Feb 2021 15:38

Tgt Ion:216 Resp: 653947
Ion Ratio Lower Upper
216 100
214 78.8 63.1 94.7
179 21.6 17.1 25.7
108 20.7 14.6 21.8

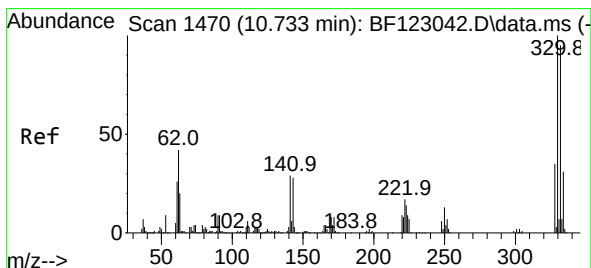
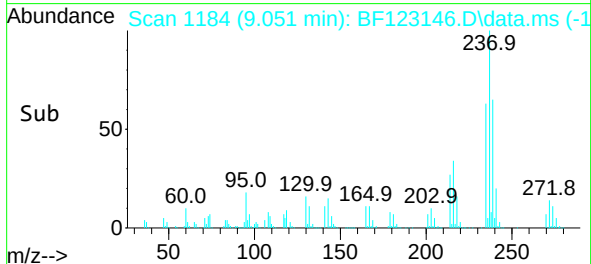
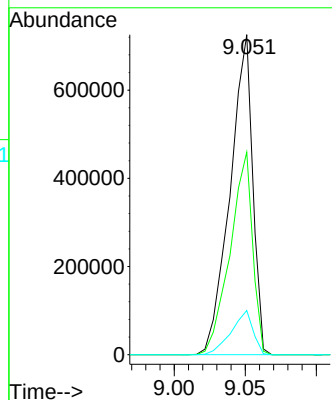
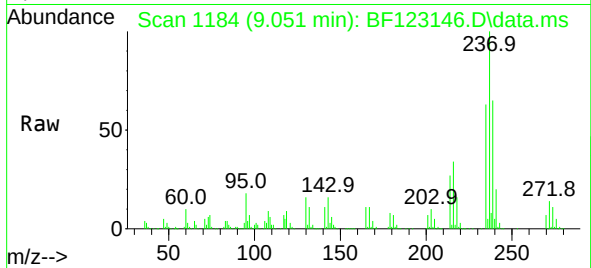




#41
Hexachlorocyclopentadiene
Concen: 111.10 ng
RT: 9.051 min Scan# 1184
Delta R.T. -0.000 min
Lab File: BF123146.D
Acq: 8 Feb 2021 15:38

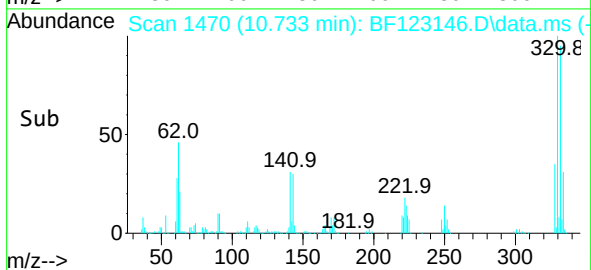
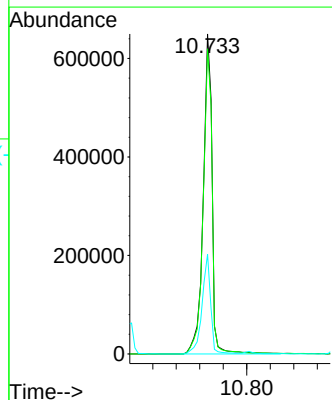
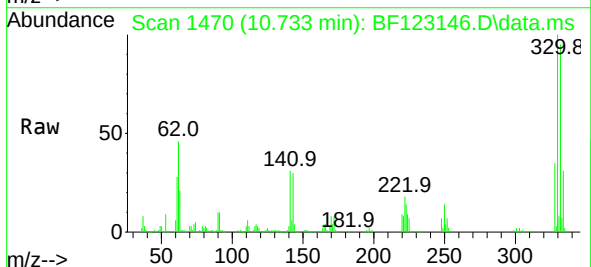
Instrument :
BNA_F
ClientSampleId :
PB134513BS

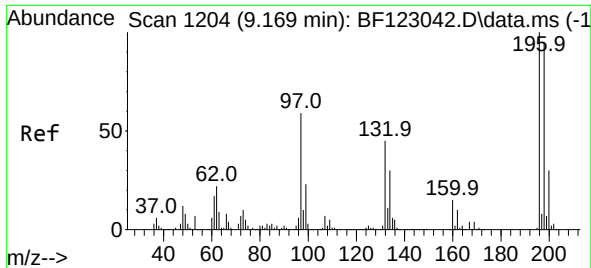
Tgt Ion:237 Resp: 803375
Ion Ratio Lower Upper
237 100
235 63.3 40.9 80.9
272 13.8 0.0 33.4



#42
2,4,6-Tribromophenol
Concen: 127.44 ng
RT: 10.733 min Scan# 1470
Delta R.T. -0.000 min
Lab File: BF123146.D
Acq: 8 Feb 2021 15:38

Tgt Ion:330 Resp: 677454
Ion Ratio Lower Upper
330 100
332 97.0 77.5 116.3
141 30.3 23.8 35.8

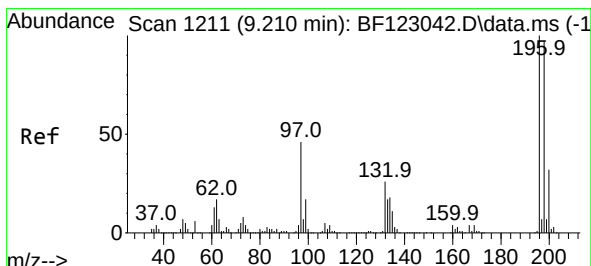
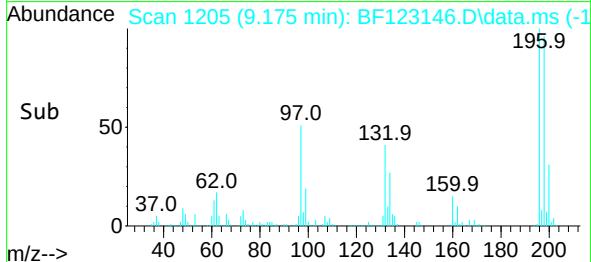
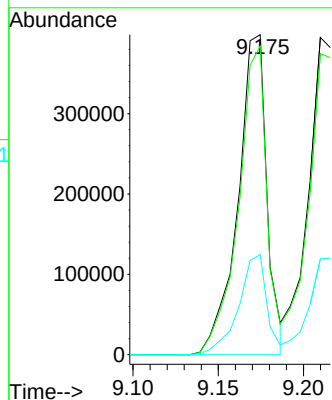
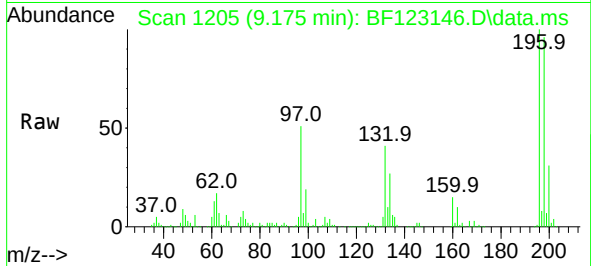




#43
2,4,6-Trichlorophenol
Concen: 45.09 ng
RT: 9.175 min Scan# 1205
Delta R.T. 0.006 min
Lab File: BF123146.D
Acq: 8 Feb 2021 15:38

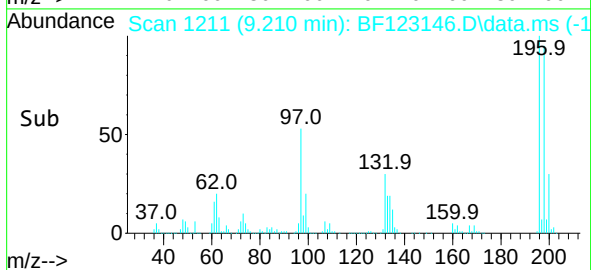
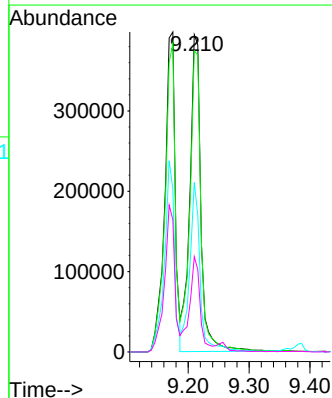
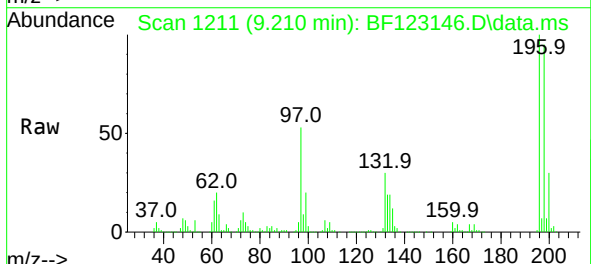
Instrument :
BNA_F
ClientSampleId :
PB134513BS

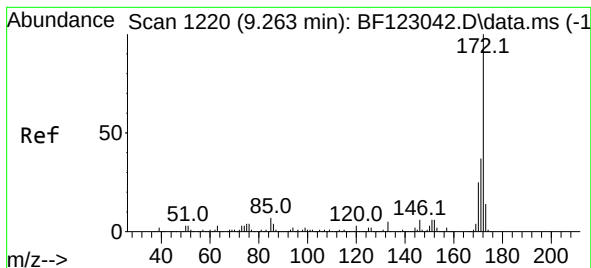
Tgt Ion:196 Resp: 470904
Ion Ratio Lower Upper
196 100
198 96.4 75.1 112.7
200 31.3 23.7 35.5



#44
2,4,5-Trichlorophenol
Concen: 45.94 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.000 min
Lab File: BF123146.D
Acq: 8 Feb 2021 15:38

Tgt Ion:196 Resp: 501701
Ion Ratio Lower Upper
196 100
198 94.9 76.5 114.7
97 53.4 40.1 60.1
132 30.0 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 69.60 ng

RT: 9.257 min Scan# 1219

Delta R.T. -0.006 min

Lab File: BF123146.D

Acq: 8 Feb 2021 15:38

Instrument :

BNA_F

ClientSampleId :

PB134513BS

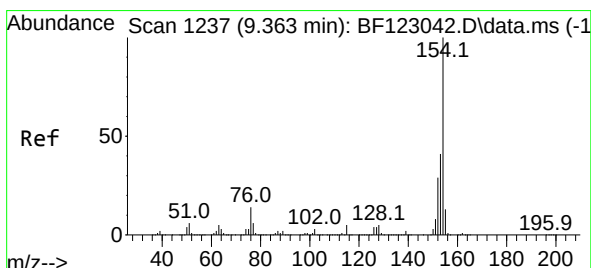
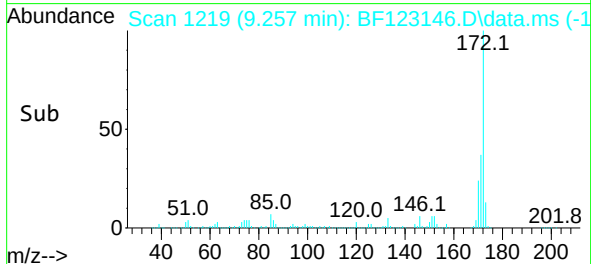
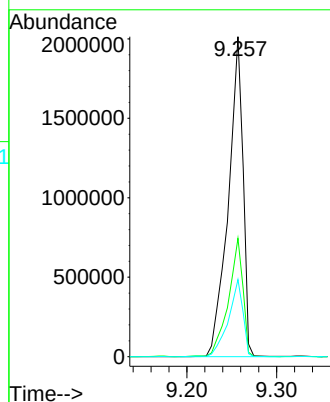
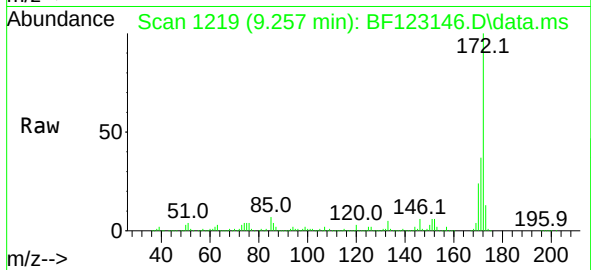
Tgt Ion:172 Resp: 2292716

Ion Ratio Lower Upper

172 100

171 37.0 29.6 44.4

170 24.1 19.5 29.3



#46

1,1'-Biphenyl

Concen: 42.34 ng

RT: 9.357 min Scan# 1236

Delta R.T. -0.006 min

Lab File: BF123146.D

Acq: 8 Feb 2021 15:38

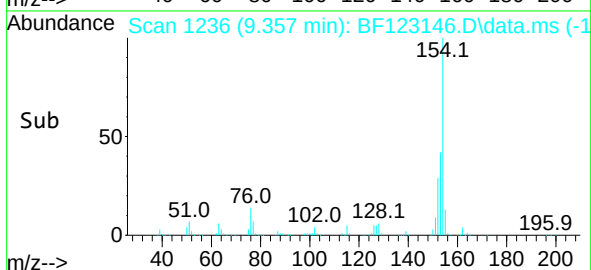
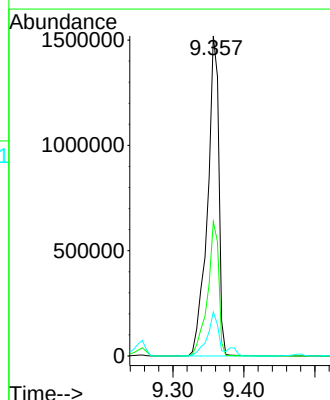
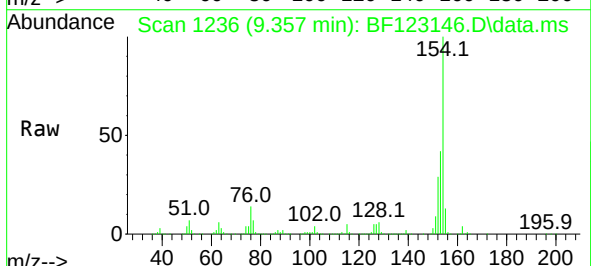
Tgt Ion:154 Resp: 1700750

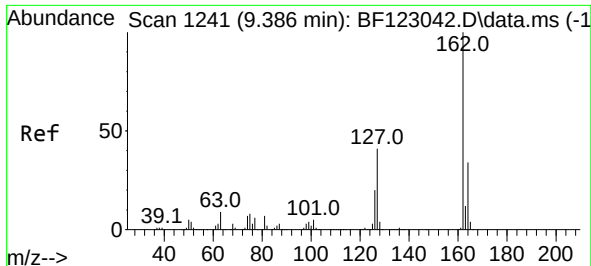
Ion Ratio Lower Upper

154 100

153 41.9 21.8 61.8

76 13.8 0.0 33.4

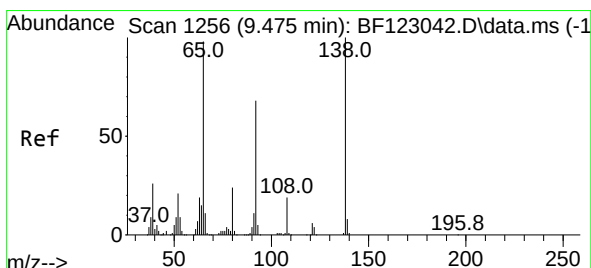
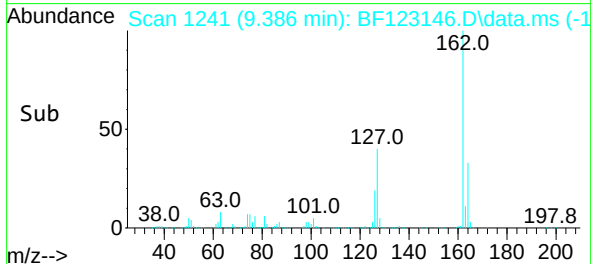
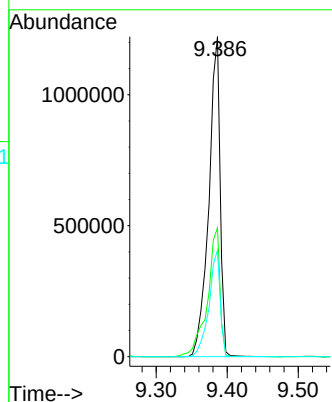
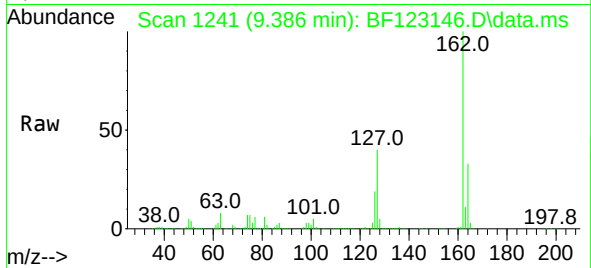




#47
2-Chloronaphthalene
Concen: 40.50 ng
RT: 9.386 min Scan# 1241
Delta R.T. -0.000 min
Lab File: BF123146.D
Acq: 8 Feb 2021 15:38

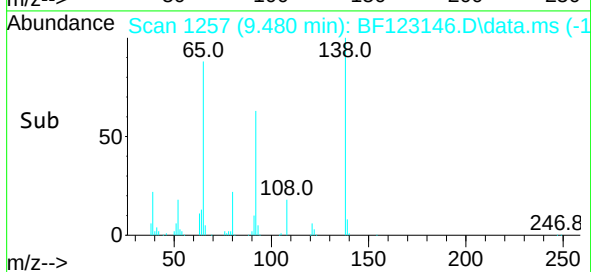
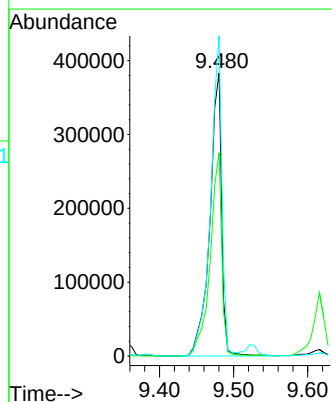
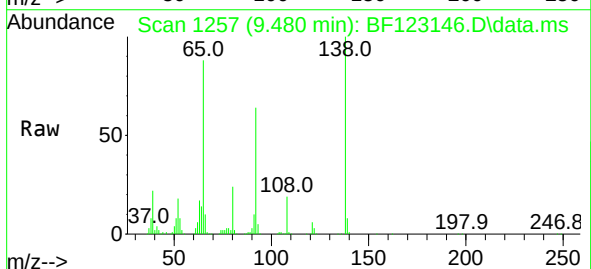
Instrument :
BNA_F
ClientSampleId :
PB134513BS

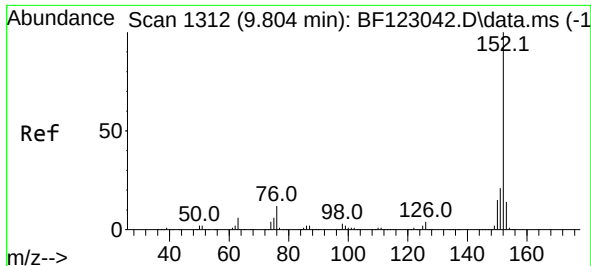
Tgt Ion:162 Resp: 1361863
Ion Ratio Lower Upper
162 100
127 40.2 33.8 50.8
164 33.2 26.5 39.7



#48
2-Nitroaniline
Concen: 41.73 ng
RT: 9.480 min Scan# 1257
Delta R.T. 0.006 min
Lab File: BF123146.D
Acq: 8 Feb 2021 15:38

Tgt Ion: 65 Resp: 425290
Ion Ratio Lower Upper
65 100
92 71.8 60.0 90.0
138 113.1 100.6 151.0

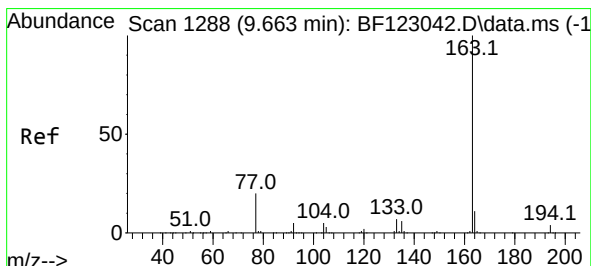
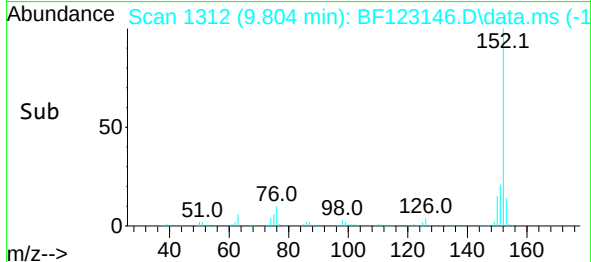
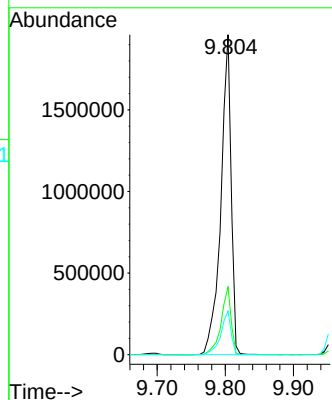
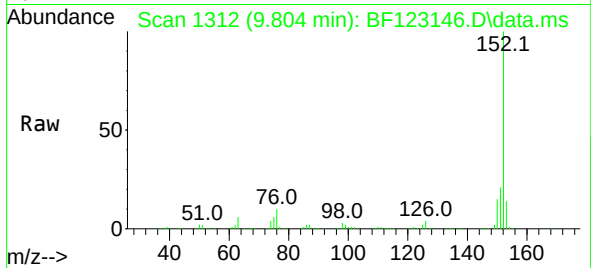




#49
Acenaphthylene
Concen: 41.85 ng
RT: 9.804 min Scan# 1312
Delta R.T. -0.000 min
Lab File: BF123146.D
Acq: 8 Feb 2021 15:38

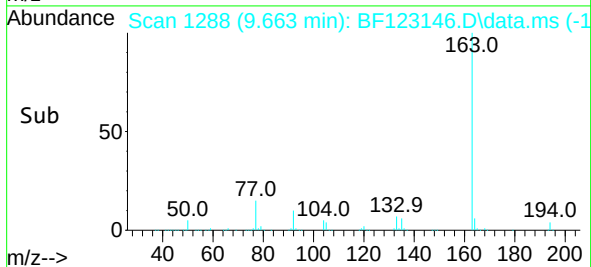
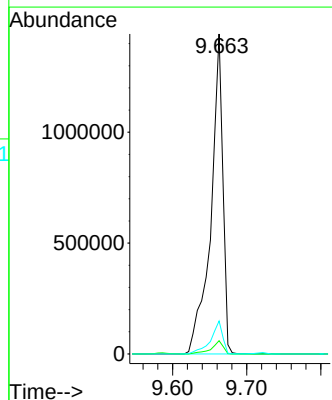
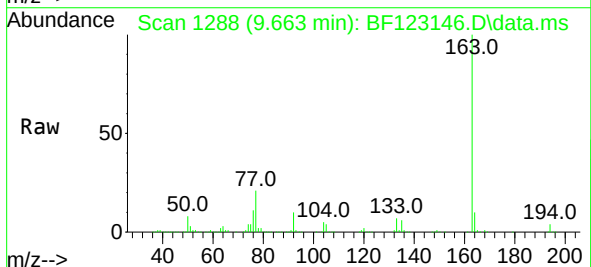
Instrument :
BNA_F
ClientSampleId :
PB134513BS

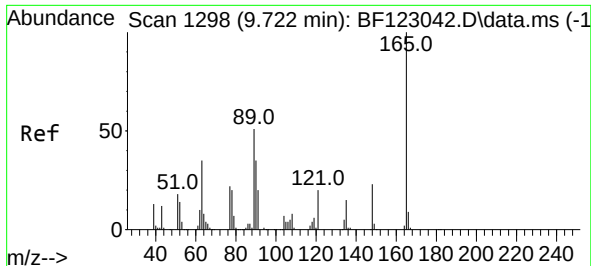
Tgt Ion:152 Resp: 2059613
Ion Ratio Lower Upper
152 100
151 21.1 16.6 25.0
153 13.6 10.9 16.3



#50
Dimethylphthalate
Concen: 42.10 ng
RT: 9.663 min Scan# 1288
Delta R.T. -0.000 min
Lab File: BF123146.D
Acq: 8 Feb 2021 15:38

Tgt Ion:163 Resp: 1617330
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.3 8.1 12.1

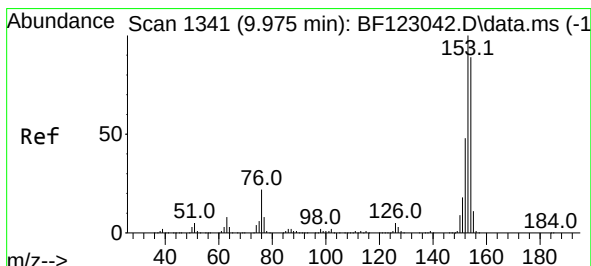
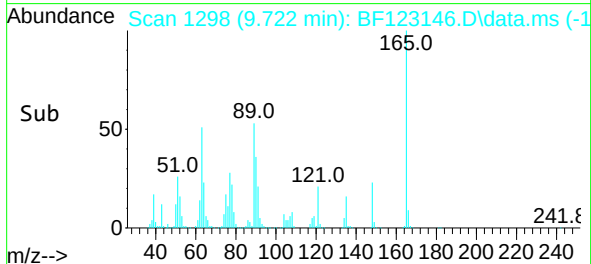
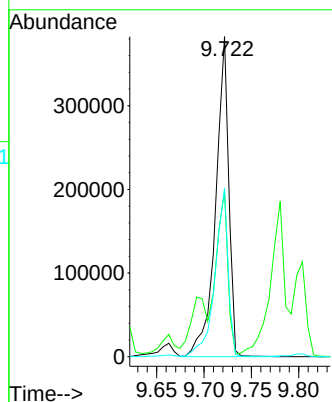
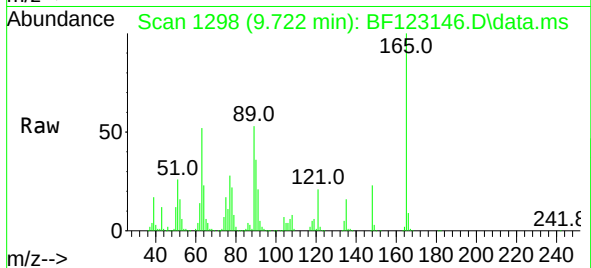




#51
2,6-Dinitrotoluene
Concen: 44.96 ng
RT: 9.722 min Scan# 1298
Delta R.T. -0.000 min
Lab File: BF123146.D
Acq: 8 Feb 2021 15:38

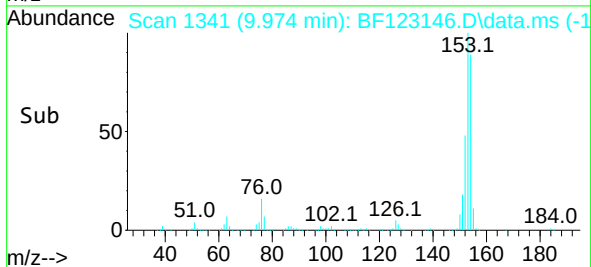
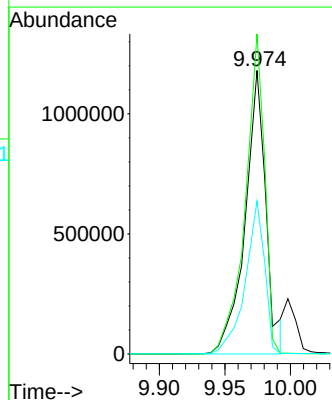
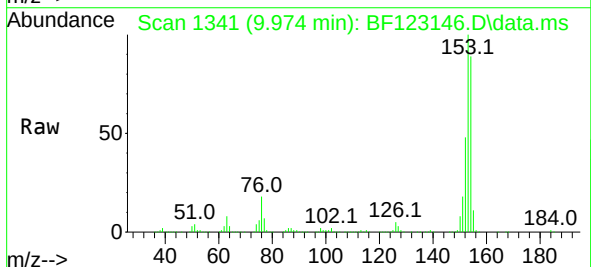
Instrument :
BNA_F
ClientSampleId :
PB134513BS

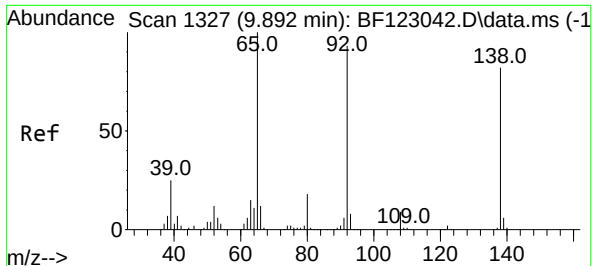
Tgt Ion:165 Resp: 367966
Ion Ratio Lower Upper
165 100
63 51.5 36.6 55.0
89 52.6 39.4 59.0



#52
Acenaphthene
Concen: 41.08 ng
RT: 9.974 min Scan# 1341
Delta R.T. -0.000 min
Lab File: BF123146.D
Acq: 8 Feb 2021 15:38

Tgt Ion:154 Resp: 1298606
Ion Ratio Lower Upper
154 100
153 112.9 89.0 133.6
152 54.0 42.7 64.1

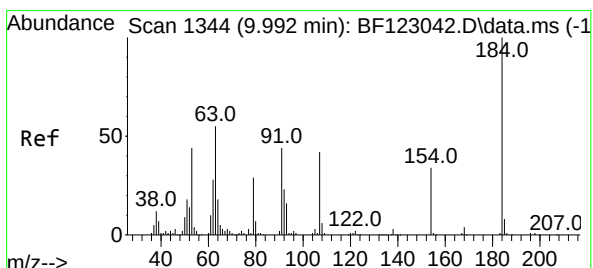
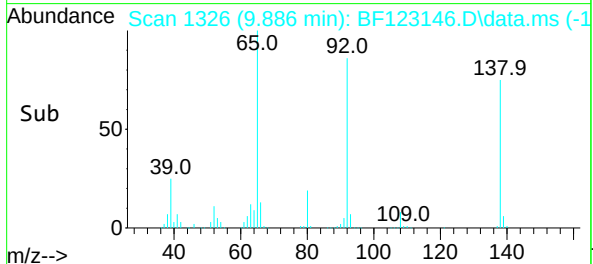
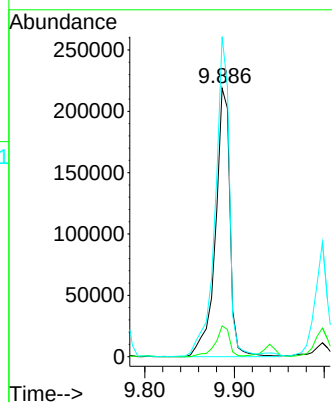
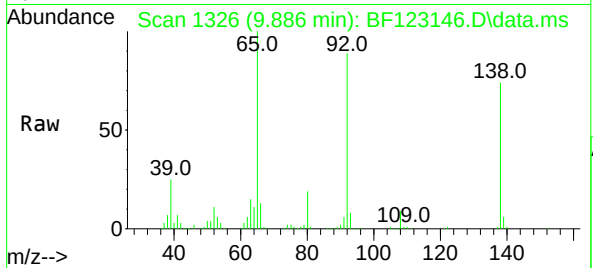




#53
3-Nitroaniline
Concen: 25.39 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF123146.D
Acq: 8 Feb 2021 15:38

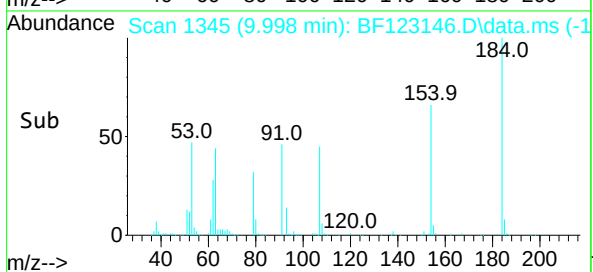
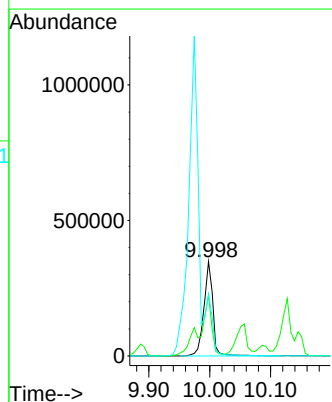
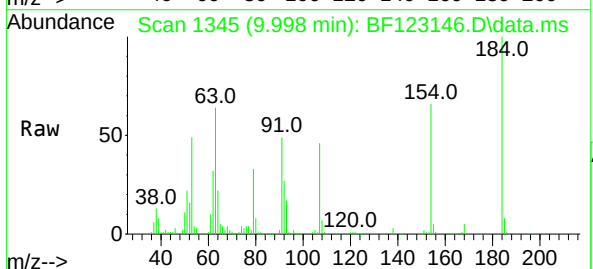
Instrument :
BNA_F
ClientSampleId :
PB134513BS

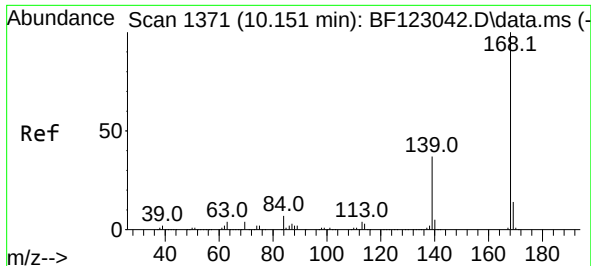
Tgt Ion:138 Resp: 245731
Ion Ratio Lower Upper
138 100
108 11.5 8.2 12.2
92 119.3 85.4 128.2



#54
2,4-Dinitrophenol
Concen: 94.01 ng
RT: 9.998 min Scan# 1345
Delta R.T. 0.006 min
Lab File: BF123146.D
Acq: 8 Feb 2021 15:38

Tgt Ion:184 Resp: 356730
Ion Ratio Lower Upper
184 100
63 64.3 51.4 77.2
154 65.9 49.7 74.5

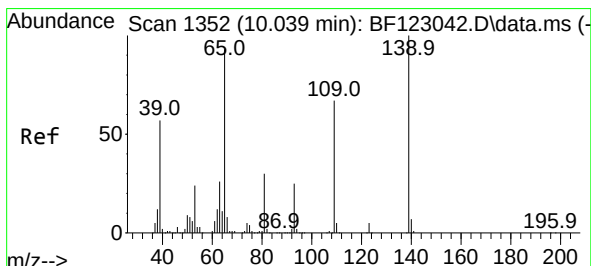
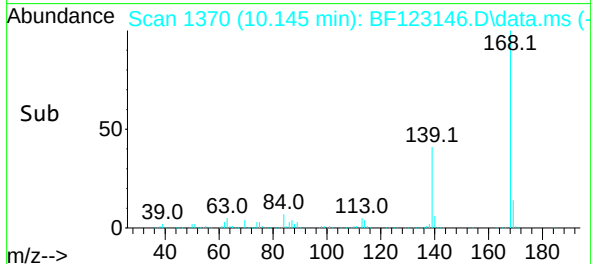
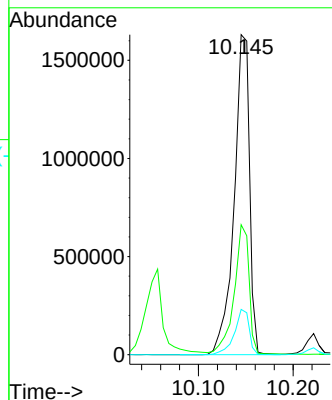
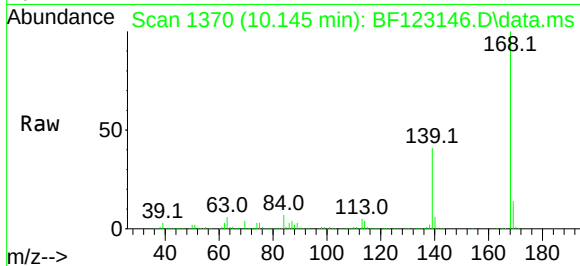




#55
Dibenzenofuran
Concen: 39.91 ng
RT: 10.145 min Scan# 1370
Delta R.T. -0.006 min
Lab File: BF123146.D
Acq: 8 Feb 2021 15:38

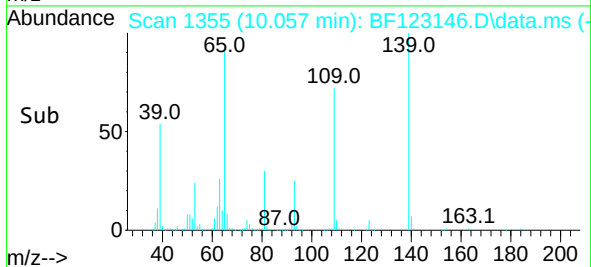
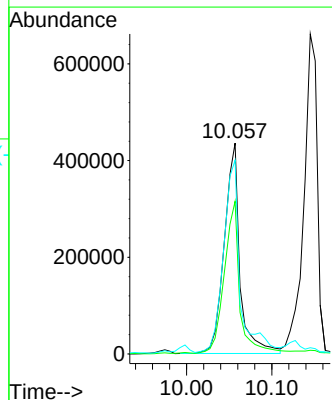
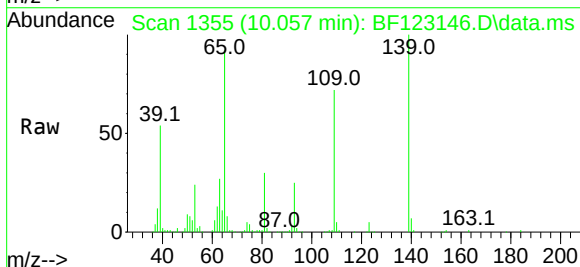
Instrument :
BNA_F
ClientSampleId :
PB134513BS

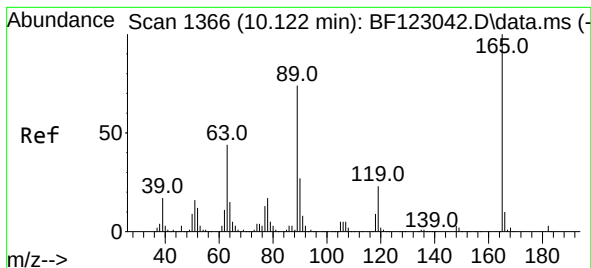
Tgt Ion:168 Resp: 1835871
Ion Ratio Lower Upper
168 100
139 40.6 31.3 46.9
169 14.1 11.2 16.8



#56
4-Nitrophenol
Concen: 79.64 ng
RT: 10.057 min Scan# 1355
Delta R.T. 0.018 min
Lab File: BF123146.D
Acq: 8 Feb 2021 15:38

Tgt Ion:139 Resp: 557114
Ion Ratio Lower Upper
139 100
109 72.3 45.1 85.1
65 91.8 59.2 99.2

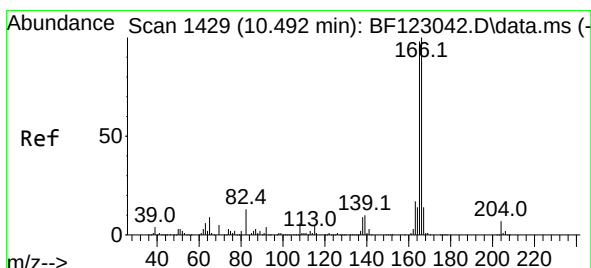
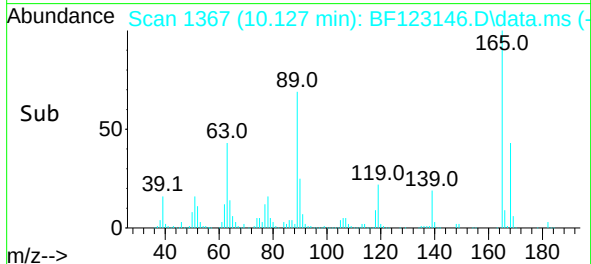
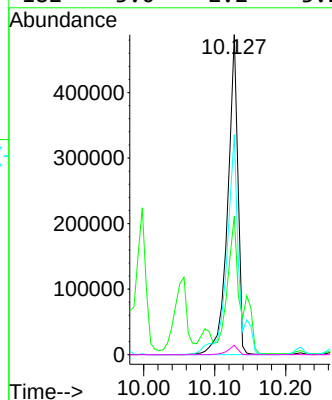
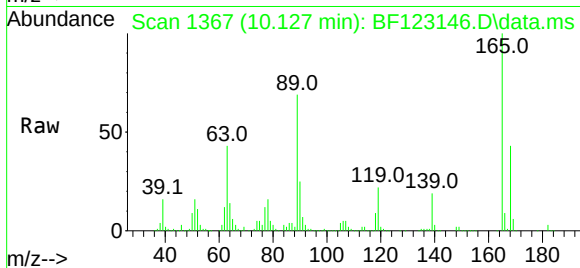




#57
2,4-Dinitrotoluene
Concen: 45.78 ng
RT: 10.127 min Scan# 1367
Delta R.T. 0.006 min
Lab File: BF123146.D
Acq: 8 Feb 2021 15:38

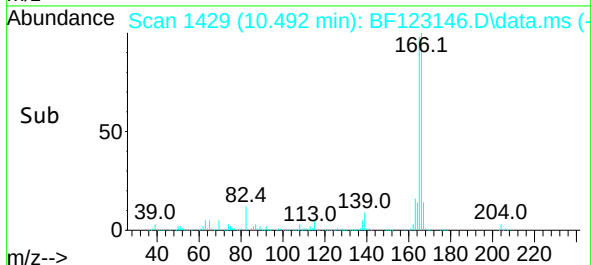
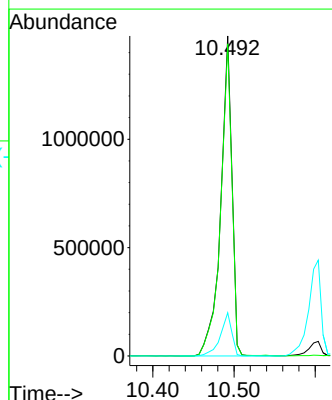
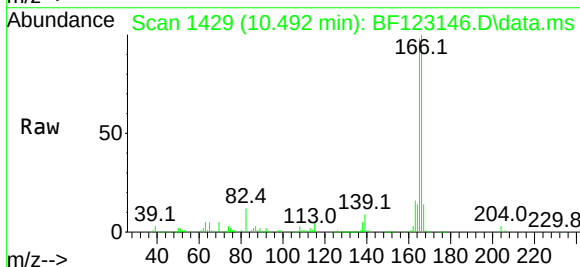
Instrument :
BNA_F
ClientSampleId :
PB134513BS

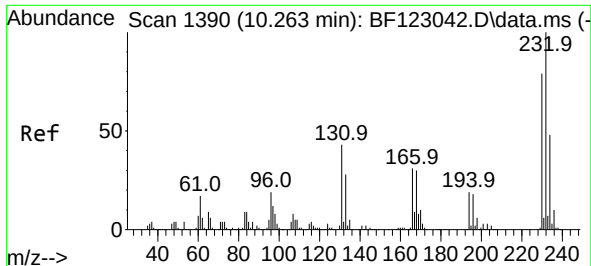
Tgt Ion:165 Resp: 487229
Ion Ratio Lower Upper
165 100
63 43.3 34.3 51.5
89 68.8 55.2 82.8
182 3.0 2.2 3.2



#58
Fluorene
Concen: 38.88 ng
RT: 10.492 min Scan# 1429
Delta R.T. -0.000 min
Lab File: BF123146.D
Acq: 8 Feb 2021 15:38

Tgt Ion:166 Resp: 1428658
Ion Ratio Lower Upper
166 100
165 97.5 79.4 119.0
167 13.5 10.9 16.3

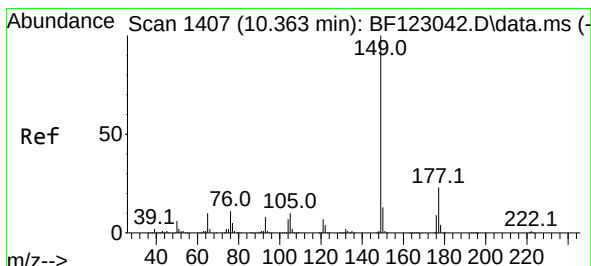
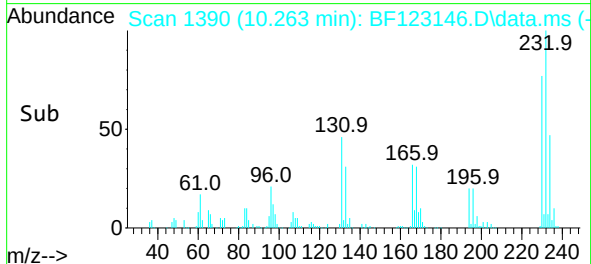
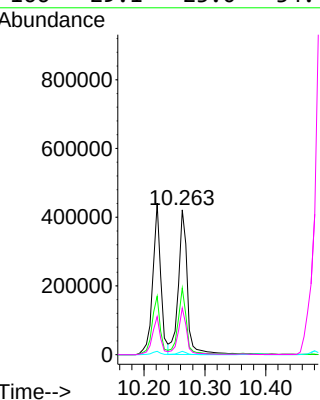
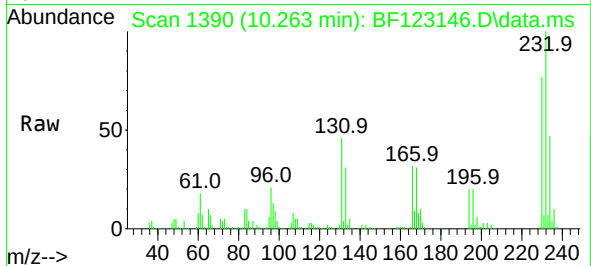




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.82 ng
RT: 10.263 min Scan# 1390
Delta R.T. -0.000 min
Lab File: BF123146.D
Acq: 8 Feb 2021 15:38

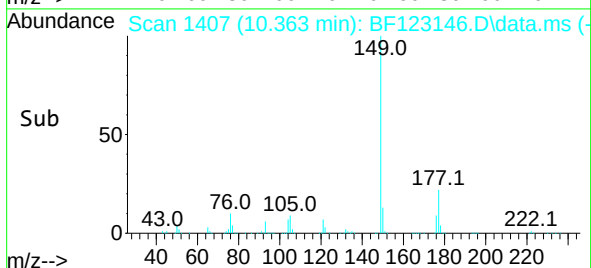
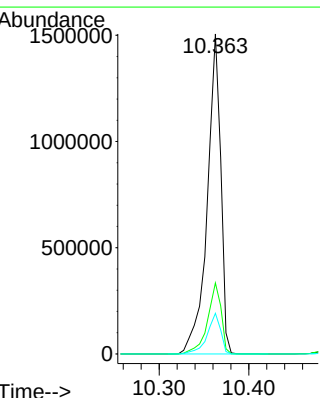
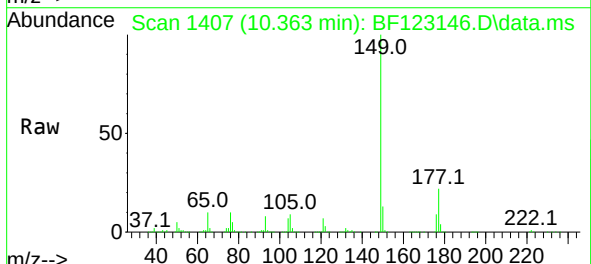
Instrument :
BNA_F
ClientSampleId :
PB134513BS

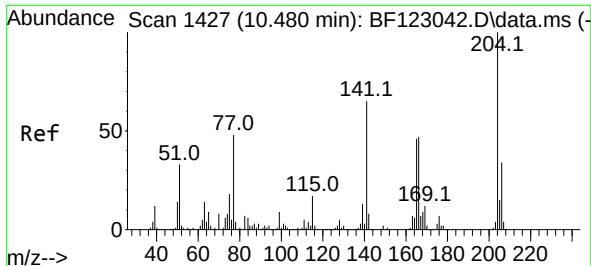
Tgt Ion:232 Resp: 433656
Ion Ratio Lower Upper
232 100
131 41.8 33.0 49.4
130 2.2 1.7 2.5
166 29.1 23.0 34.4



#60
Diethylphthalate
Concen: 41.61 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.000 min
Lab File: BF123146.D
Acq: 8 Feb 2021 15:38

Tgt Ion:149 Resp: 1572139
Ion Ratio Lower Upper
149 100
177 22.2 18.2 27.4
150 12.7 10.1 15.1

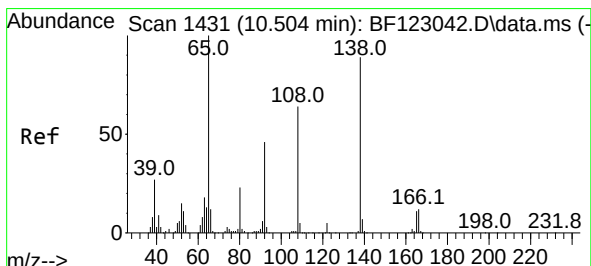
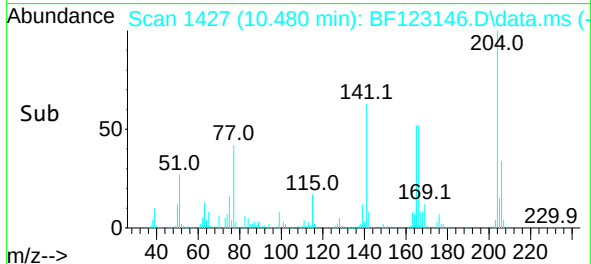
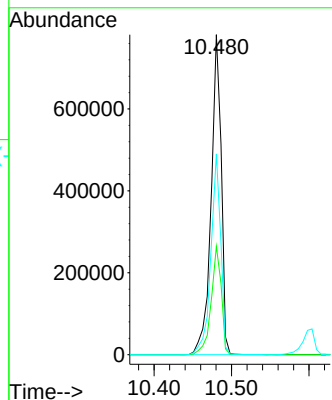
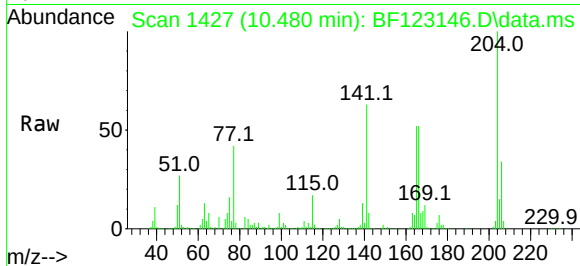




#61
4-Chlorophenyl-phenylether
Concen: 41.13 ng
RT: 10.480 min Scan# 1427
Delta R.T. -0.000 min
Lab File: BF123146.D
Acq: 8 Feb 2021 15:38

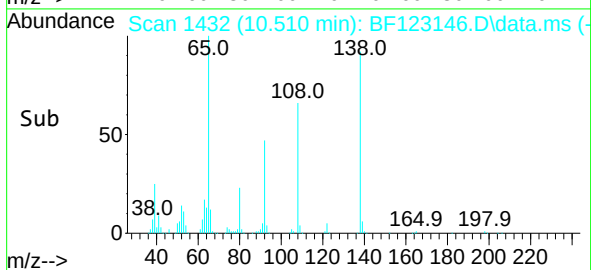
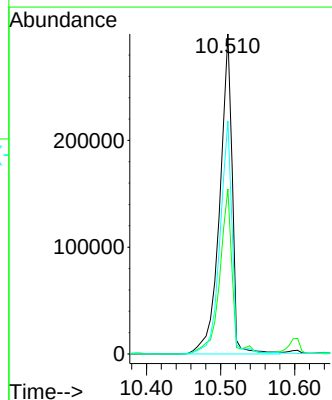
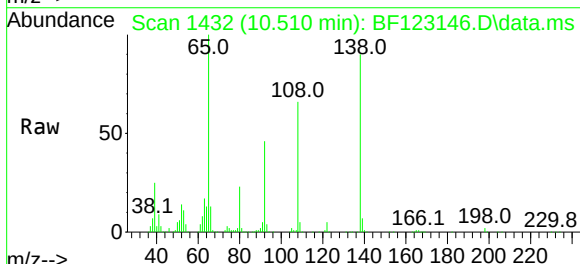
Instrument :
BNA_F
ClientSampleId :
PB134513BS

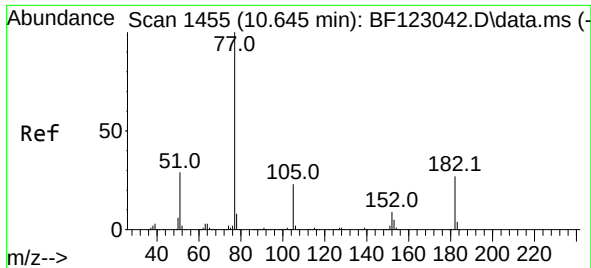
Tgt Ion:204 Resp: 710068
Ion Ratio Lower Upper
204 100
206 33.9 27.0 40.4
141 62.8 50.4 75.6



#62
4-Nitroaniline
Concen: 36.20 ng
RT: 10.510 min Scan# 1432
Delta R.T. 0.006 min
Lab File: BF123146.D
Acq: 8 Feb 2021 15:38

Tgt Ion:138 Resp: 351957
Ion Ratio Lower Upper
138 100
92 51.6 31.0 71.0
108 72.8 54.8 94.8



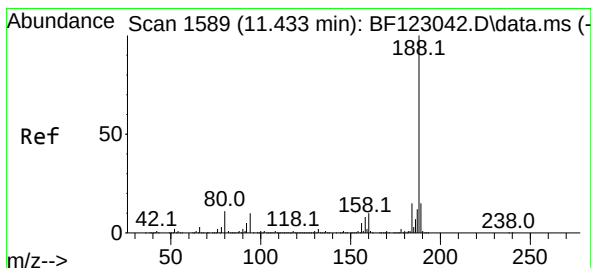
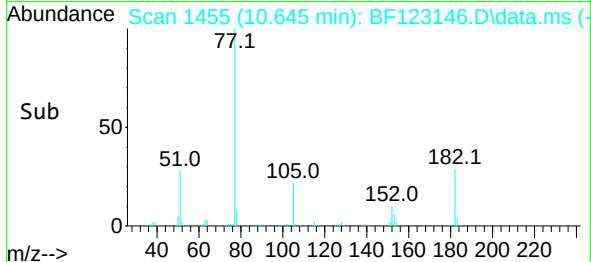
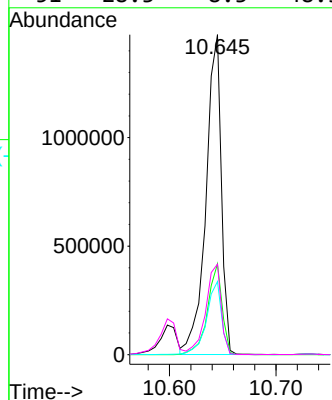
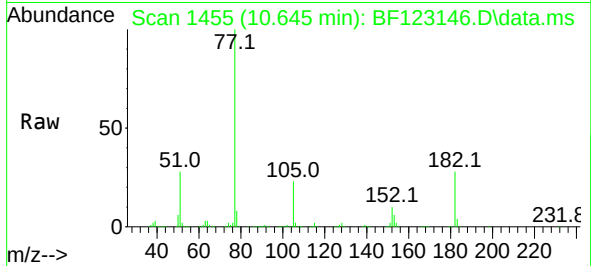


#63
Azobenzene
Concen: 40.03 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.000 min
Lab File: BF123146.D
Acq: 8 Feb 2021 15:38

Instrument :
BNA_F
ClientSampleId :
PB134513BS

Tgt Ion: 77 Resp: 1479893

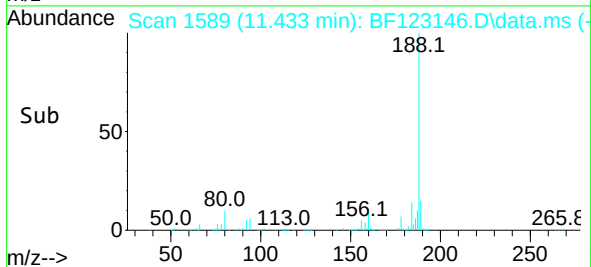
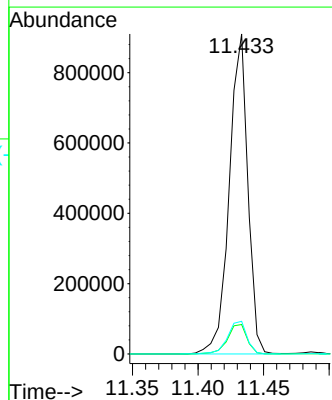
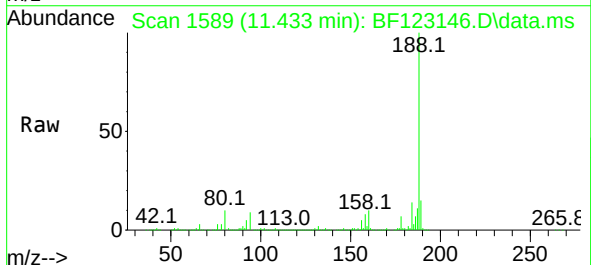
Ion	Ratio	Lower	Upper
77	100		
182	28.4	5.6	45.6
105	22.8	1.8	41.8
51	28.3	8.3	48.3

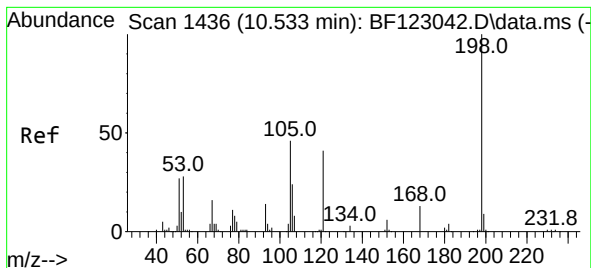


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.433 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BF123146.D
Acq: 8 Feb 2021 15:38

Tgt Ion: 188 Resp: 893460

Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.4	11.2
80	10.2	8.2	12.4

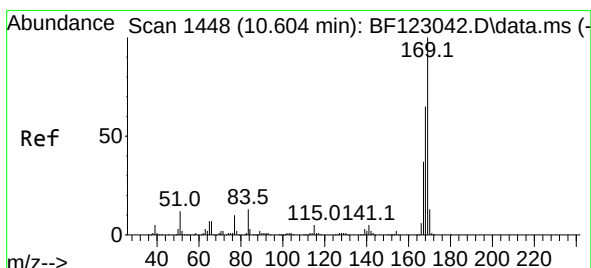
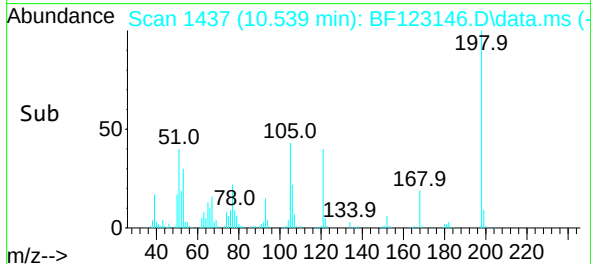
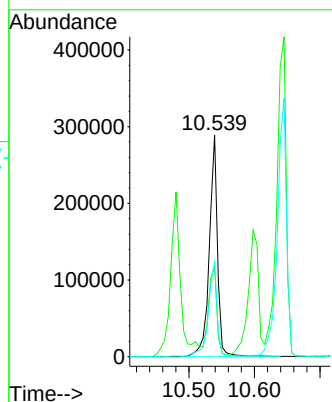
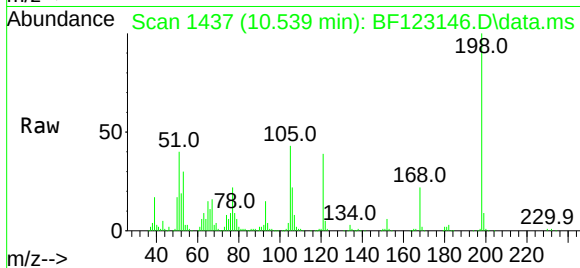




#65
4,6-Dinitro-2-methylphenol
Concen: 51.18 ng
RT: 10.539 min Scan# 1437
Delta R.T. 0.006 min
Lab File: BF123146.D
Acq: 8 Feb 2021 15:38

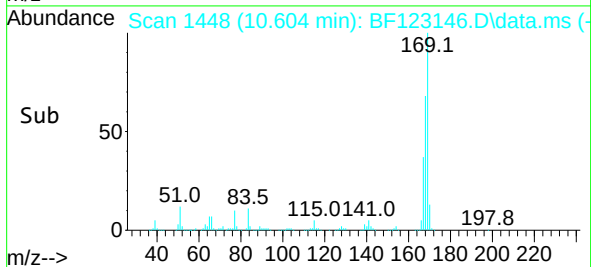
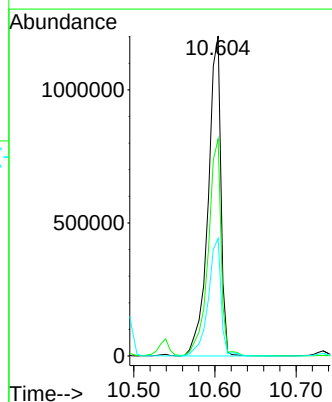
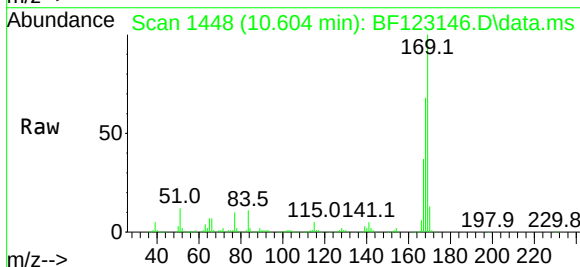
Instrument :
BNA_F
ClientSampleId :
PB134513BS

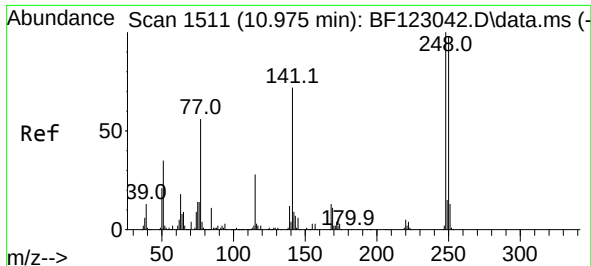
Tgt Ion:198 Resp: 254225
Ion Ratio Lower Upper
198 100
51 40.2 20.3 60.3
105 42.7 23.0 63.0



#66
n-Nitrosodiphenylamine
Concen: 40.43 ng
RT: 10.604 min Scan# 1448
Delta R.T. -0.000 min
Lab File: BF123146.D
Acq: 8 Feb 2021 15:38

Tgt Ion:169 Resp: 1301986
Ion Ratio Lower Upper
169 100
168 67.8 54.2 81.2
167 36.8 29.2 43.8

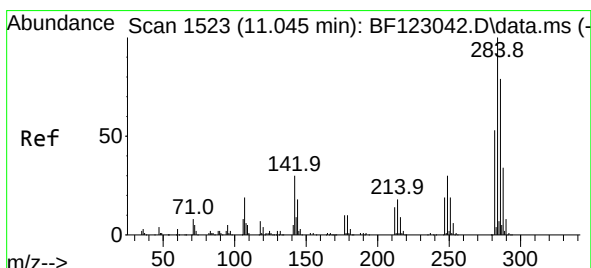
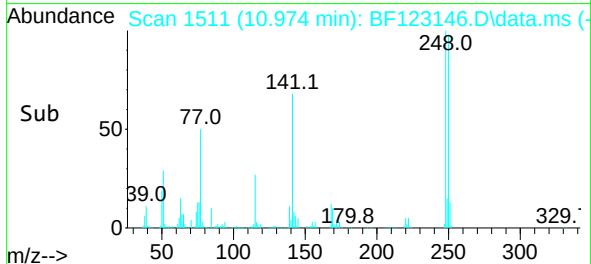
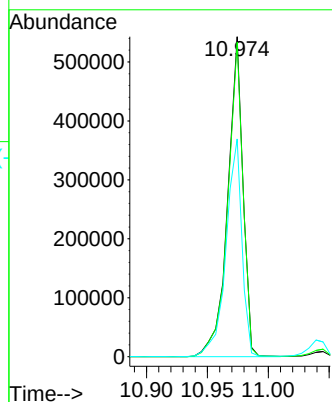
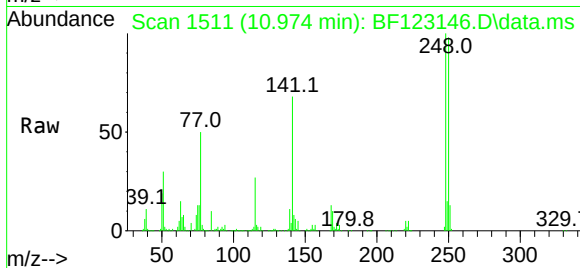




#67
4-Bromophenyl-phenylether
Concen: 41.82 ng
RT: 10.974 min Scan# 1511
Delta R.T. -0.000 min
Lab File: BF123146.D
Acq: 8 Feb 2021 15:38

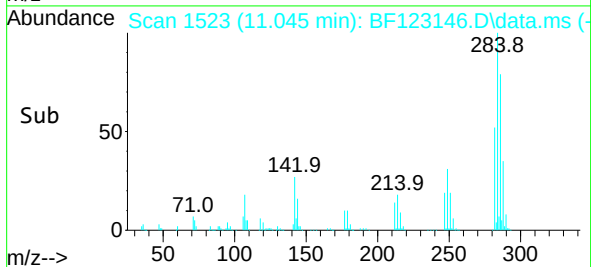
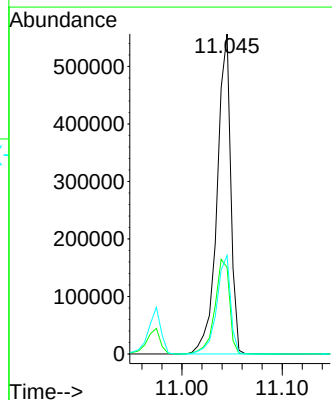
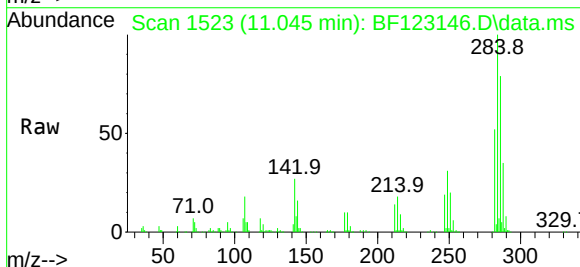
Instrument :
BNA_F
ClientSampleId :
PB134513BS

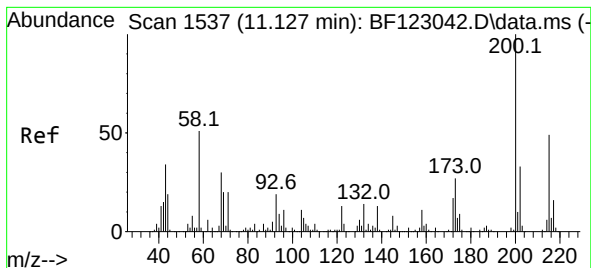
Tgt Ion:248 Resp: 475822
Ion Ratio Lower Upper
248 100
250 98.3 76.8 115.2
141 68.0 59.8 89.8



#68
Hexachlorobenzene
Concen: 42.99 ng
RT: 11.045 min Scan# 1523
Delta R.T. 0.000 min
Lab File: BF123146.D
Acq: 8 Feb 2021 15:38

Tgt Ion:284 Resp: 524674
Ion Ratio Lower Upper
284 100
142 27.0 25.6 38.4
249 30.8 25.1 37.7





#69

Atrazine

Concen: 43.26 ng

RT: 11.127 min Scan# 1537

Delta R.T. -0.000 min

Lab File: BF123146.D

Acq: 8 Feb 2021 15:38

Tgt Ion:200 Resp: 384742

Ion Ratio Lower Upper

200 100

173 26.8 6.6 46.6

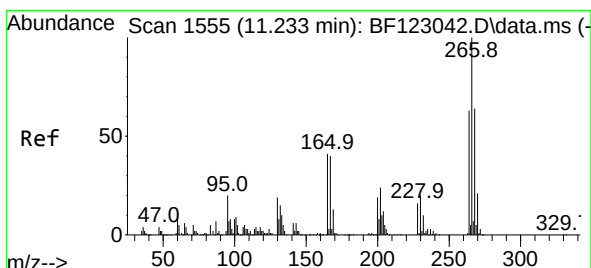
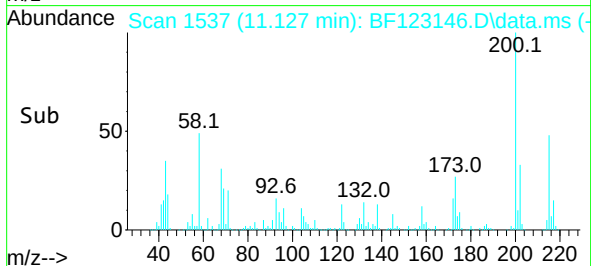
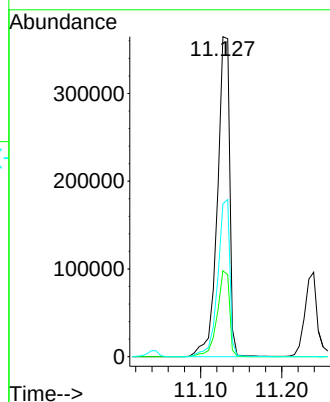
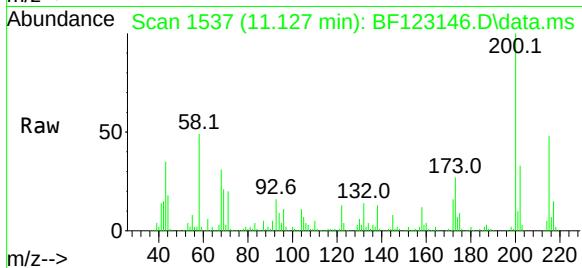
215 47.7 28.1 68.1

Instrument :

BNA_F

ClientSampleId :

PB134513BS



#70

Pentachlorophenol

Concen: 92.14 ng

RT: 11.239 min Scan# 1556

Delta R.T. 0.006 min

Lab File: BF123146.D

Acq: 8 Feb 2021 15:38

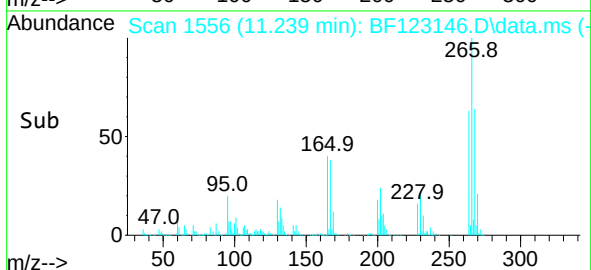
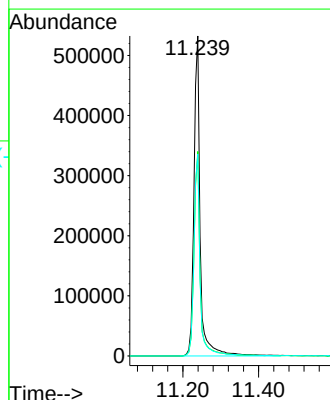
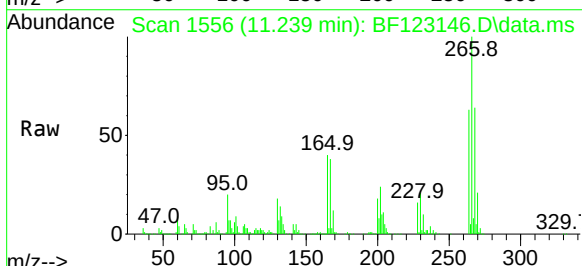
Tgt Ion:266 Resp: 609429

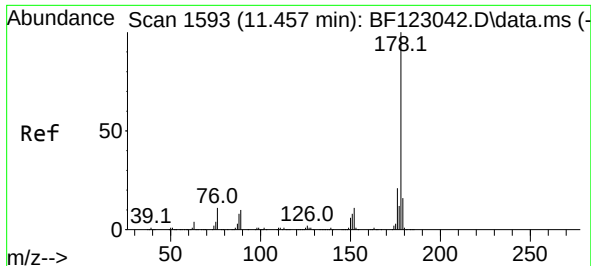
Ion Ratio Lower Upper

266 100

268 63.9 50.5 75.7

264 63.1 49.8 74.8

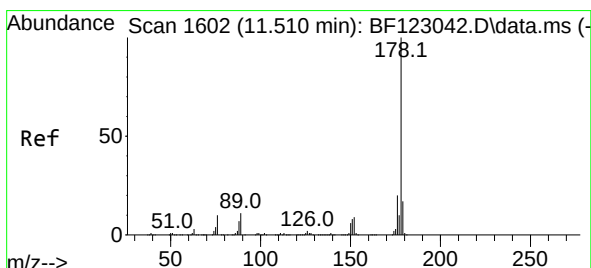
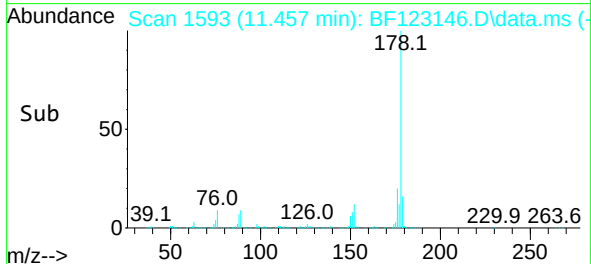
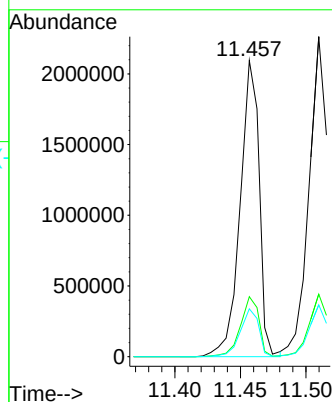
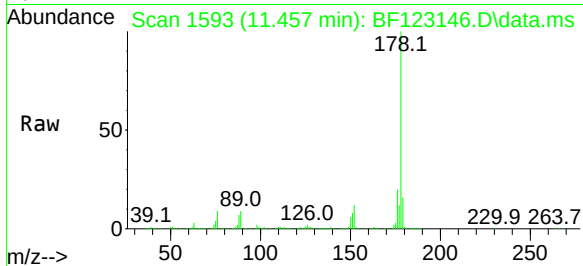




#71
Phenanthrene
Concen: 38.29 ng
RT: 11.457 min Scan# 1593
Delta R.T. -0.000 min
Lab File: BF123146.D
Acq: 8 Feb 2021 15:38

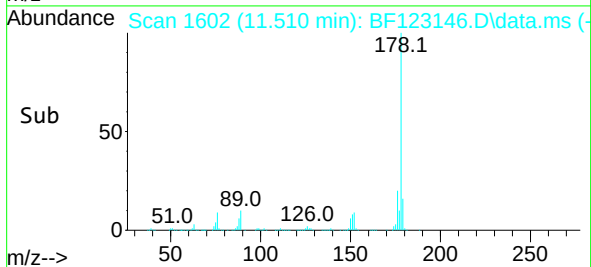
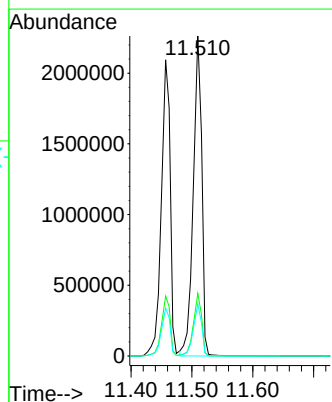
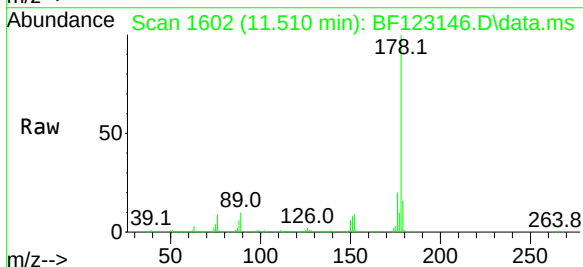
Instrument :
BNA_F
ClientSampleId :
PB134513BS

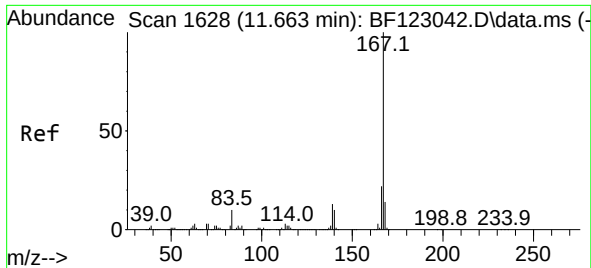
Tgt Ion:178 Resp: 2124479
Ion Ratio Lower Upper
178 100
176 20.3 16.2 24.2
179 16.2 12.7 19.1



#72
Anthracene
Concen: 41.09 ng
RT: 11.510 min Scan# 1602
Delta R.T. -0.000 min
Lab File: BF123146.D
Acq: 8 Feb 2021 15:38

Tgt Ion:178 Resp: 2187403
Ion Ratio Lower Upper
178 100
176 19.6 15.6 23.4
179 16.2 12.8 19.2

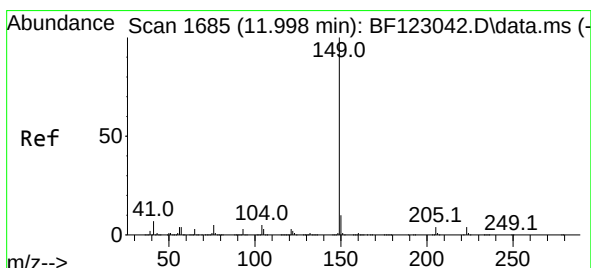
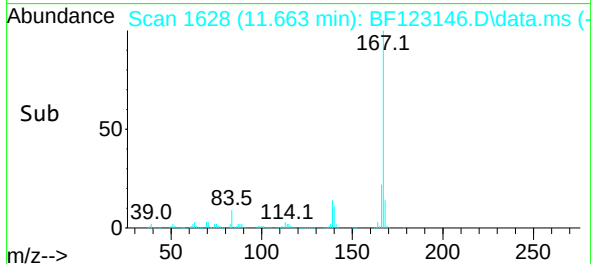
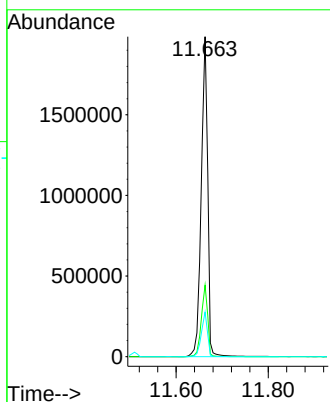
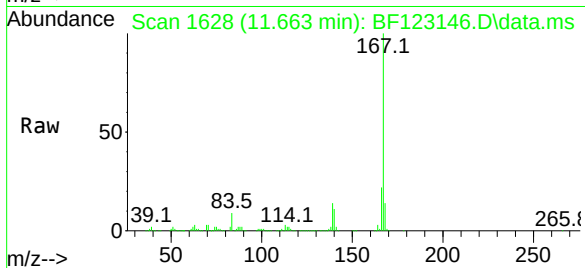




#73
 Carbazole
 Concen: 39.23 ng
 RT: 11.663 min Scan# 1628
 Delta R.T. -0.000 min
 Lab File: BF123146.D
 Acq: 8 Feb 2021 15:38

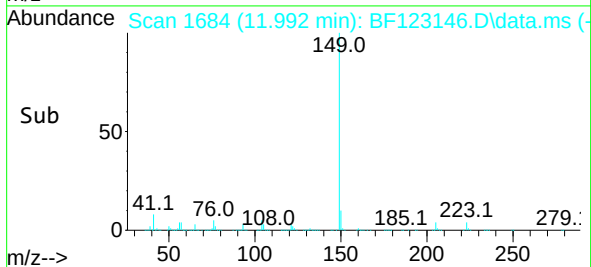
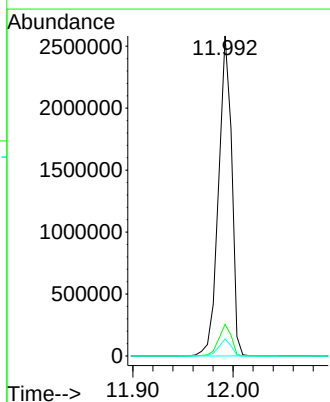
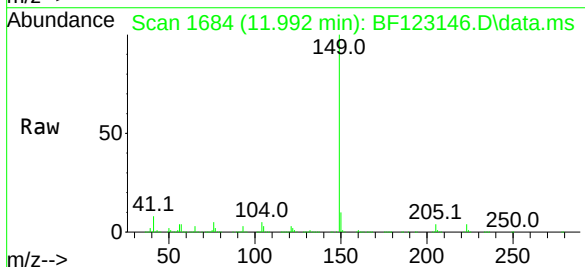
Instrument :
 BNA_F
 ClientSampleId :
 PB134513BS

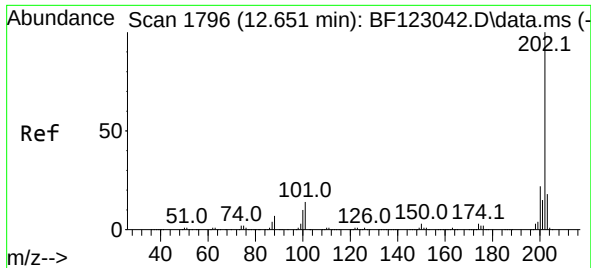
Tgt Ion:167 Resp: 1938150
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.0 27.0
 139 14.0 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 39.98 ng
 RT: 11.992 min Scan# 1684
 Delta R.T. -0.006 min
 Lab File: BF123146.D
 Acq: 8 Feb 2021 15:38

Tgt Ion:149 Resp: 2341789
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.8 11.6
 104 5.3 4.2 6.4

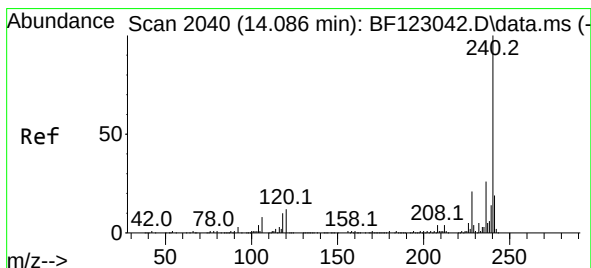
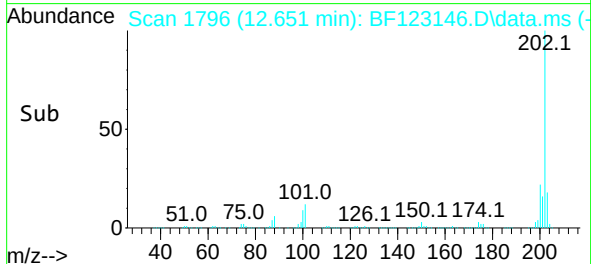
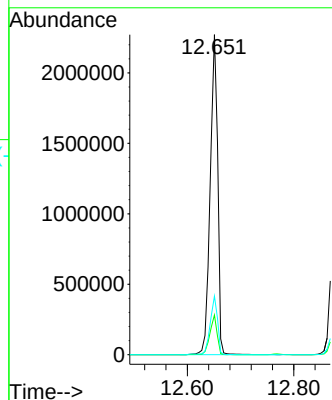
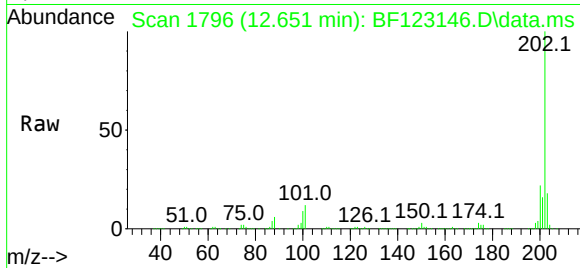




#75
Fluoranthene
Concen: 39.89 ng
RT: 12.651 min Scan# 1796
Delta R.T. -0.000 min
Lab File: BF123146.D
Acq: 8 Feb 2021 15:38

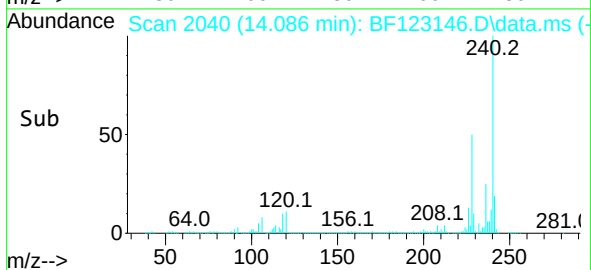
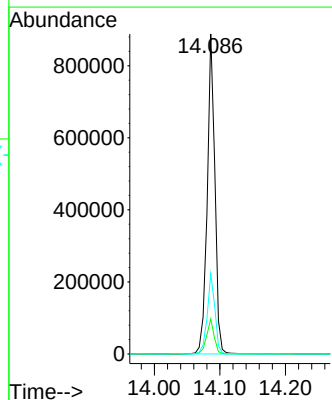
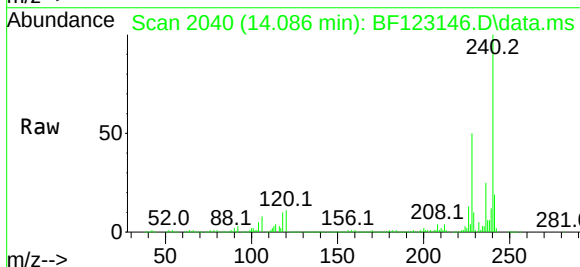
Instrument :
BNA_F
ClientSampleId :
PB134513BS

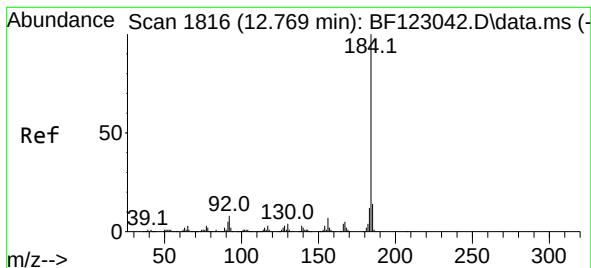
Tgt Ion:202 Resp: 2212113
Ion Ratio Lower Upper
202 100
101 12.4 0.0 32.2
203 18.3 0.0 38.1



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.086 min Scan# 2040
Delta R.T. -0.000 min
Lab File: BF123146.D
Acq: 8 Feb 2021 15:38

Tgt Ion:240 Resp: 726103
Ion Ratio Lower Upper
240 100
120 11.0 8.6 12.8
236 25.1 20.3 30.5





#77

Benzidine

Concen: 48.62 ng

RT: 12.768 min Scan# 1816

Delta R.T. -0.000 min

Lab File: BF123146.D

Acq: 8 Feb 2021 15:38

Tgt Ion:184 Resp: 798948

Ion Ratio Lower Upper

184 100

185 15.1 11.8 17.6

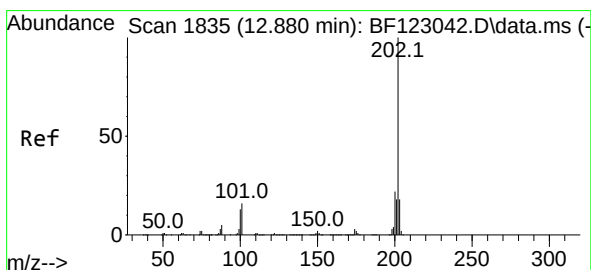
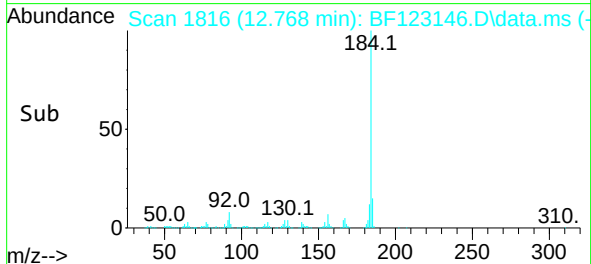
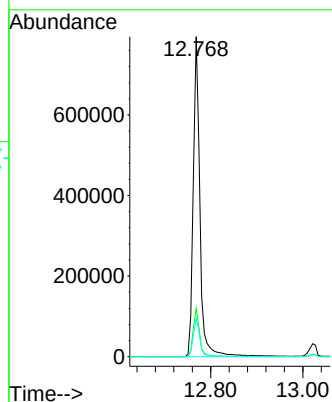
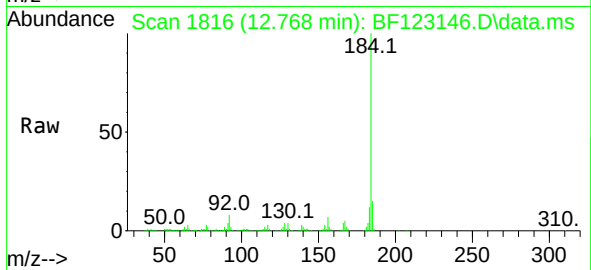
183 12.0 9.7 14.5

Instrument :

BNA_F

ClientSampleId :

PB134513BS



#78

Pyrene

Concen: 40.75 ng

RT: 12.880 min Scan# 1835

Delta R.T. -0.000 min

Lab File: BF123146.D

Acq: 8 Feb 2021 15:38

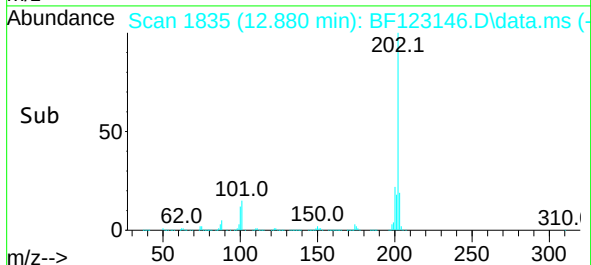
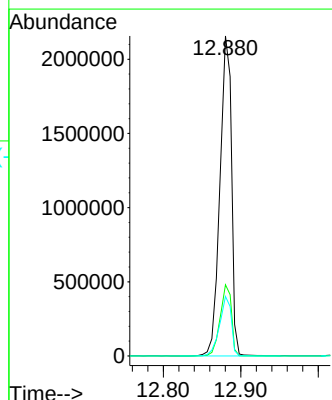
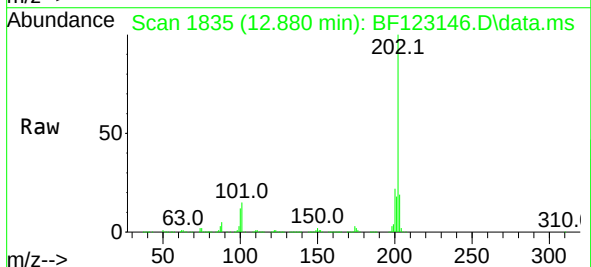
Tgt Ion:202 Resp: 2233870

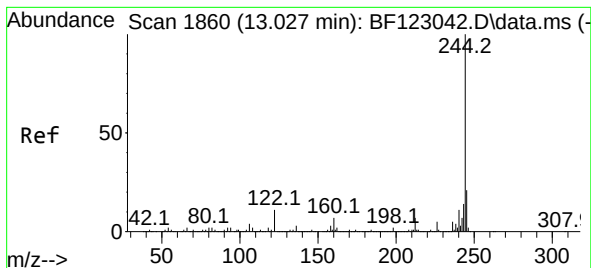
Ion Ratio Lower Upper

202 100

200 22.3 17.6 26.4

203 18.6 14.6 21.8





#79

Terphenyl-d14

Concen: 66.97 ng

RT: 13.021 min Scan# 1859

Delta R.T. -0.006 min

Lab File: BF123146.D

Acq: 8 Feb 2021 15:38

Instrument :

BNA_F

ClientSampleId :

PB134513BS

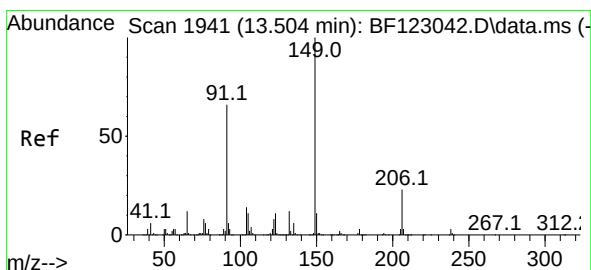
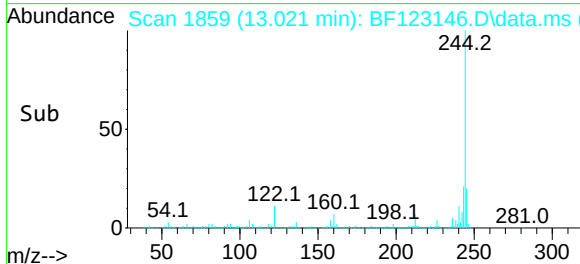
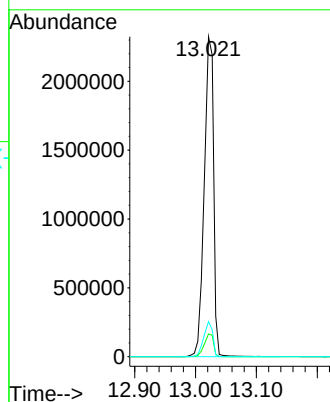
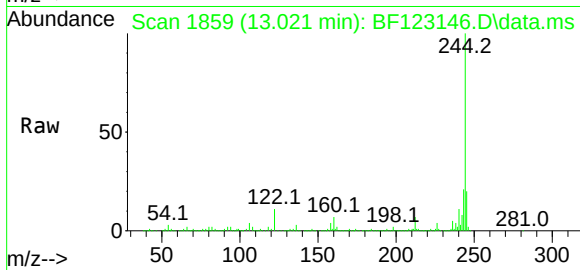
Tgt Ion:244 Resp: 2474939

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

122 10.9 8.3 12.5



#80

Butylbenzylphthalate

Concen: 43.31 ng

RT: 13.498 min Scan# 1940

Delta R.T. -0.006 min

Lab File: BF123146.D

Acq: 8 Feb 2021 15:38

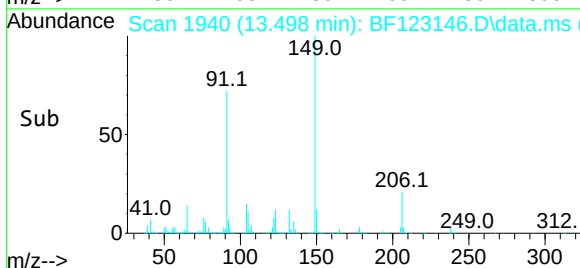
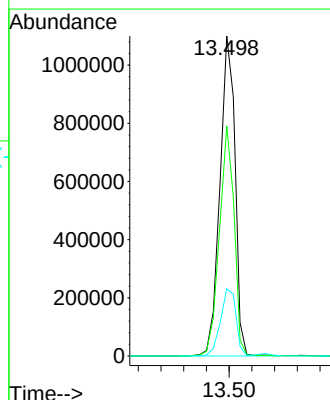
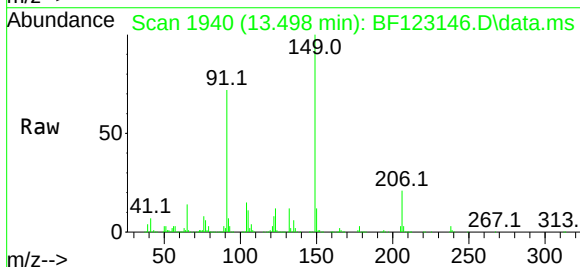
Tgt Ion:149 Resp: 1021426

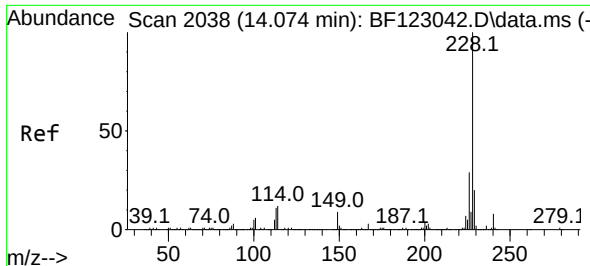
Ion Ratio Lower Upper

149 100

91 71.9 56.5 84.7

206 21.0 17.0 25.6

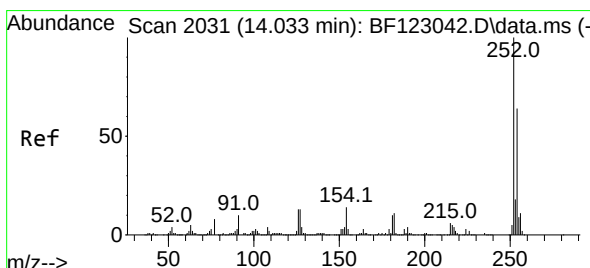
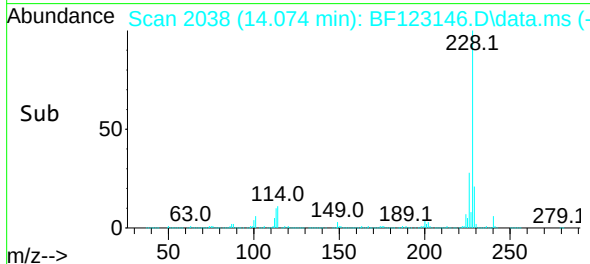
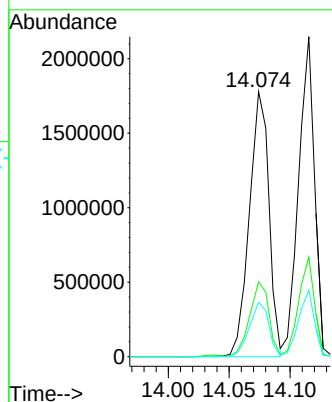
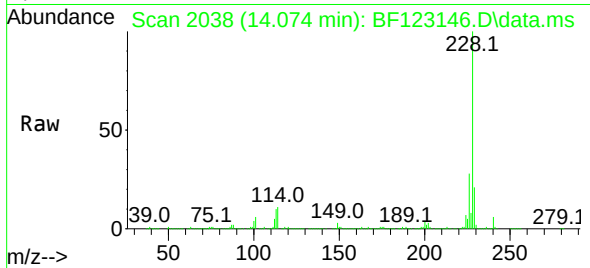




#81
Benzo(a)anthracene
Concen: 40.53 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.000 min
Lab File: BF123146.D
Acq: 8 Feb 2021 15:38

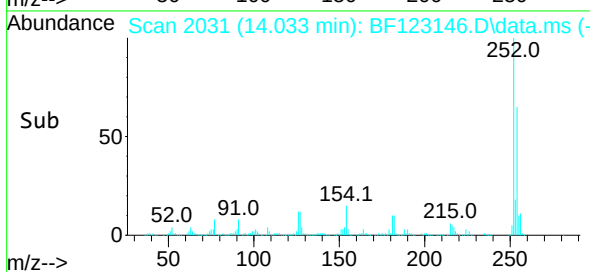
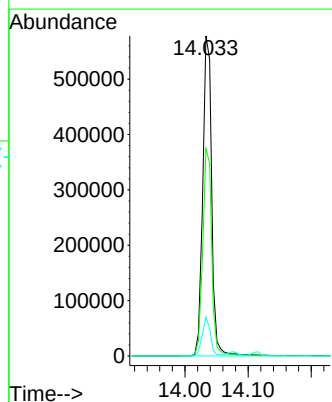
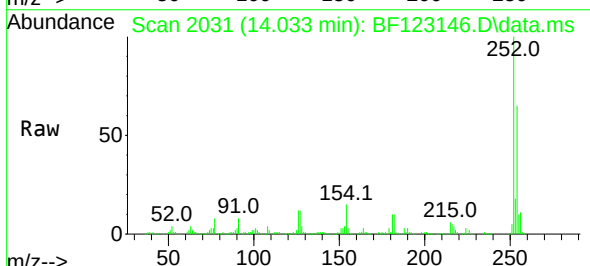
Instrument :
BNA_F
ClientSampleId :
PB134513BS

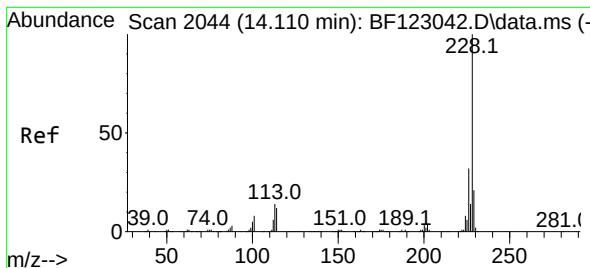
Tgt Ion:228 Resp: 1991767
Ion Ratio Lower Upper
228 100
226 28.2 23.0 34.4
229 20.5 16.6 24.8



#82
3,3'-Dichlorobenzidine
Concen: 36.84 ng
RT: 14.033 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF123146.D
Acq: 8 Feb 2021 15:38

Tgt Ion:252 Resp: 569752
Ion Ratio Lower Upper
252 100
254 64.8 52.7 79.1
126 12.1 8.0 12.0#





#83

Chrysene

Concen: 40.14 ng

RT: 14.115 min Scan# 2045

Delta R.T. 0.006 min

Lab File: BF123146.D

Acq: 8 Feb 2021 15:38

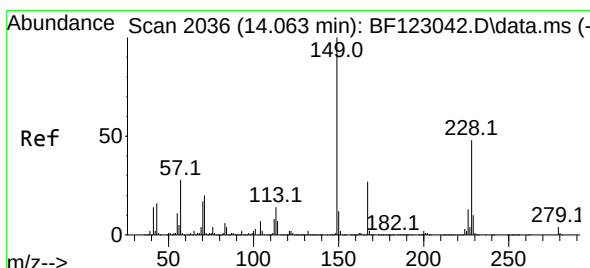
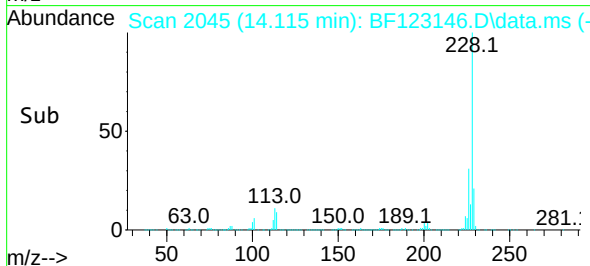
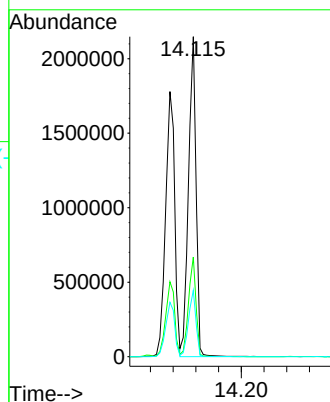
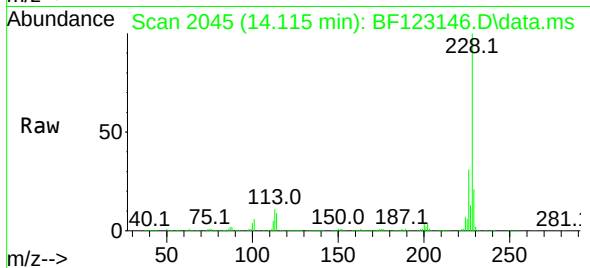
Tgt Ion:228 Resp: 1974165

Ion Ratio Lower Upper

228 100

226 31.2 24.6 36.8

229 20.8 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.73 ng

RT: 14.062 min Scan# 2036

Delta R.T. -0.000 min

Lab File: BF123146.D

Acq: 8 Feb 2021 15:38

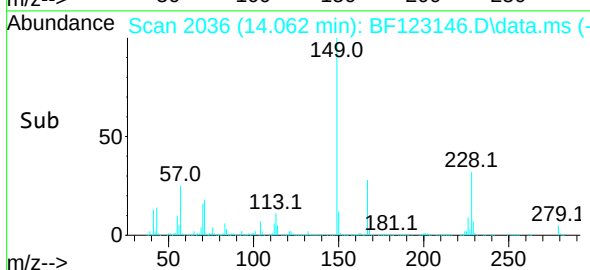
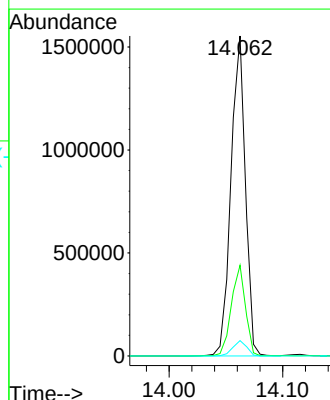
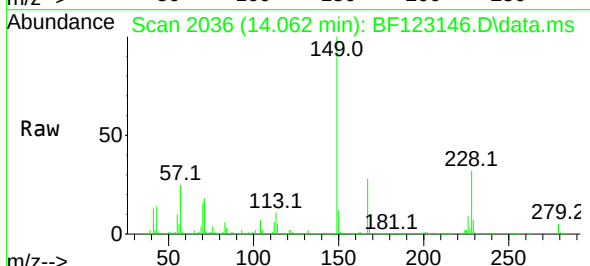
Tgt Ion:149 Resp: 1370532

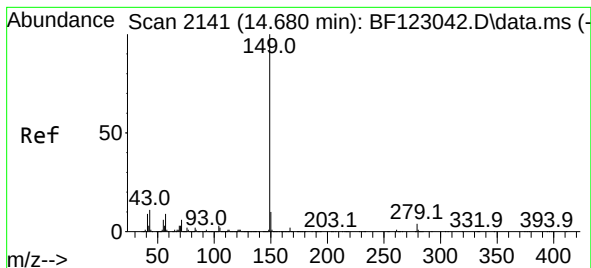
Ion Ratio Lower Upper

149 100

167 28.4 21.4 32.2

279 4.8 3.4 5.0

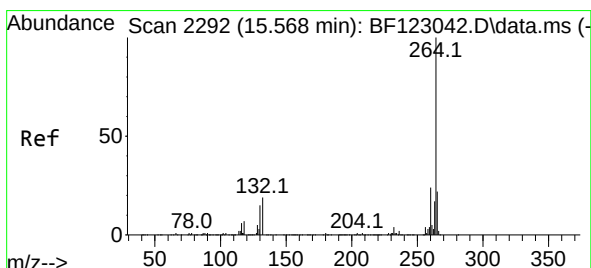
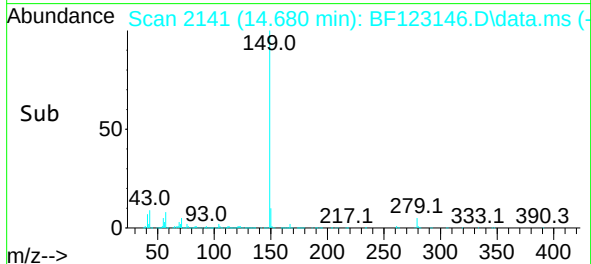
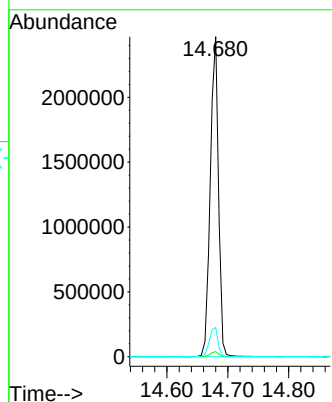
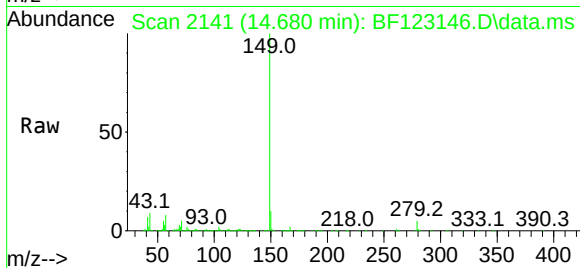




#85
Di-n-octyl phthalate
Concen: 43.96 ng
RT: 14.680 min Scan# 2141
Delta R.T. -0.000 min
Lab File: BF123146.D
Acq: 8 Feb 2021 15:38

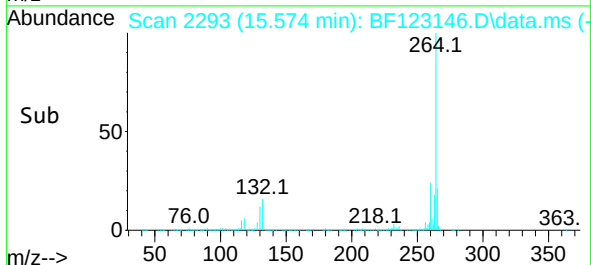
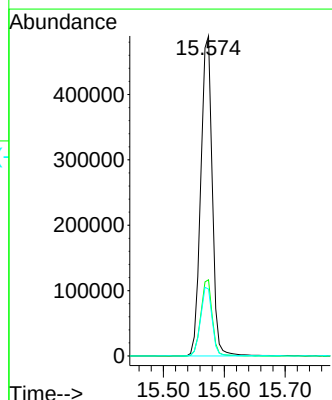
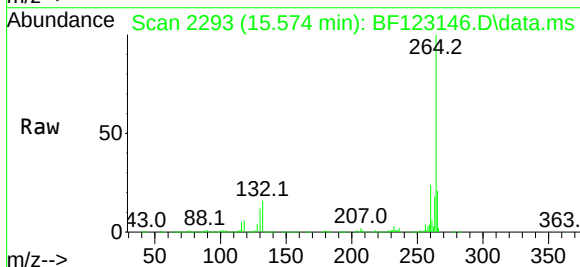
Instrument :
BNA_F
ClientSampleId :
PB134513BS

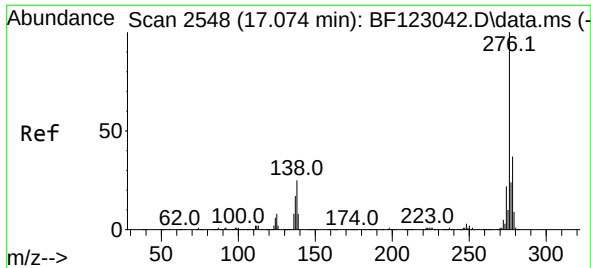
Tgt Ion:149 Resp: 2313756
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.5 7.6 11.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.574 min Scan# 2293
Delta R.T. 0.006 min
Lab File: BF123146.D
Acq: 8 Feb 2021 15:38

Tgt Ion:264 Resp: 641170
Ion Ratio Lower Upper
264 100
260 23.8 18.6 28.0
265 20.9 17.0 25.6

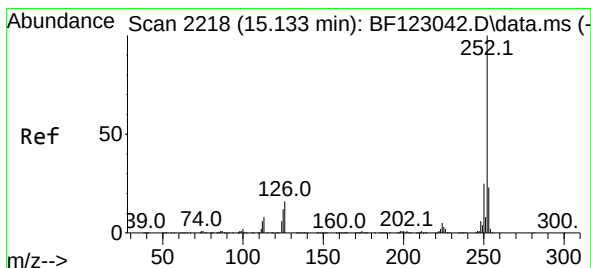
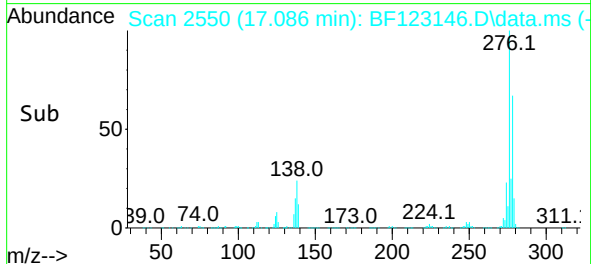
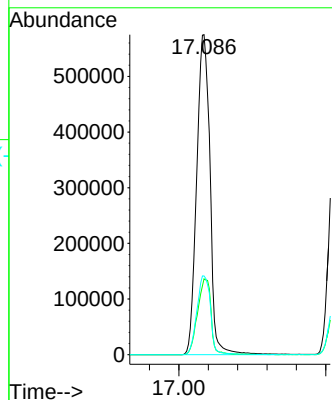
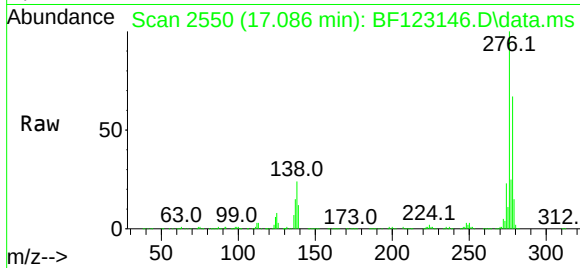




#87
Indeno(1,2,3-cd)pyrene
Concen: 42.35 ng
RT: 17.086 min Scan# 2550
Delta R.T. 0.012 min
Lab File: BF123146.D
Acq: 8 Feb 2021 15:38

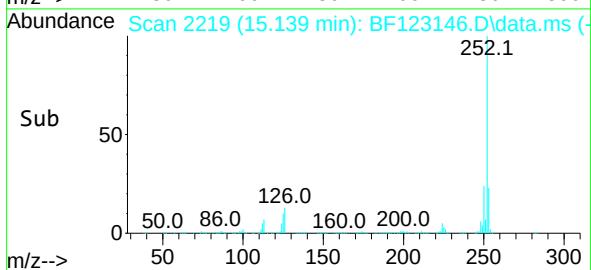
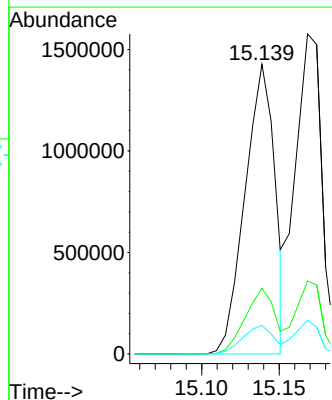
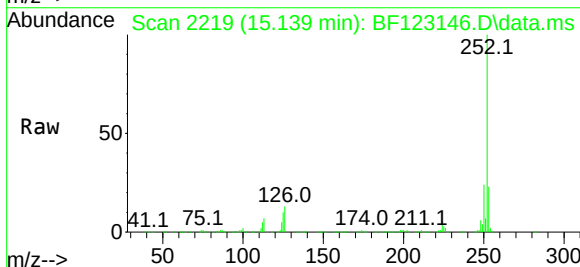
Instrument :
BNA_F
ClientSampleId :
PB134513BS

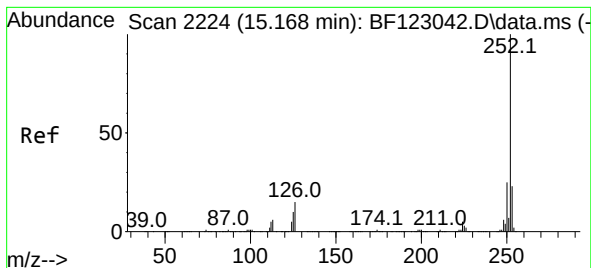
Tgt Ion:276 Resp: 1808069
Ion Ratio Lower Upper
276 100
138 23.8 18.7 28.1
277 25.2 20.2 30.4



#88
Benzo(b)fluoranthene
Concen: 41.39 ng
RT: 15.139 min Scan# 2219
Delta R.T. 0.006 min
Lab File: BF123146.D
Acq: 8 Feb 2021 15:38

Tgt Ion:252 Resp: 1915583
Ion Ratio Lower Upper
252 100
253 22.6 18.3 27.5
125 9.9 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 43.95 ng

RT: 15.168 min Scan# 2224

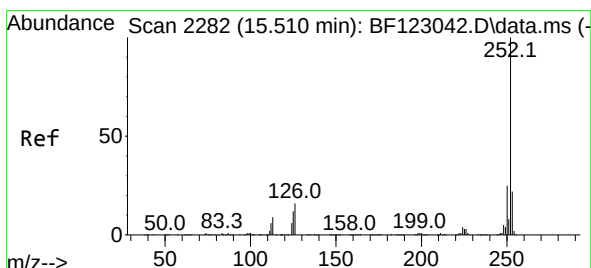
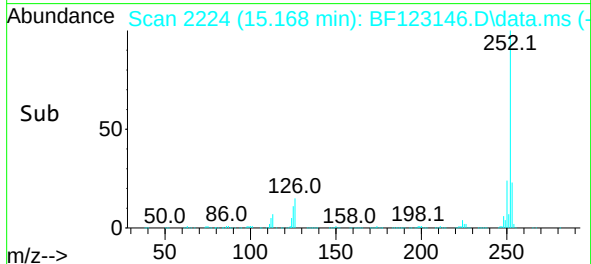
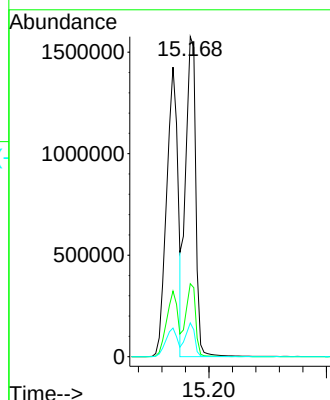
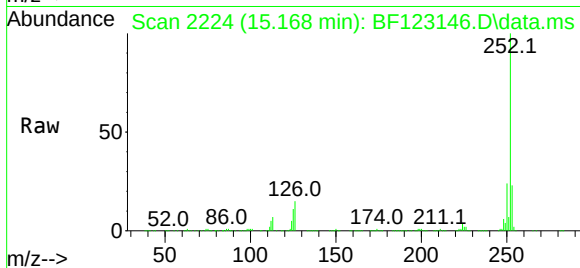
Delta R.T. -0.000 min

Lab File: BF123146.D

Acq: 8 Feb 2021 15:38

Tgt Ion:252 Resp: 1890020

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.8
125	10.5	8.4	12.6



#90

Benzo(a)pyrene

Concen: 41.30 ng

RT: 15.515 min Scan# 2283

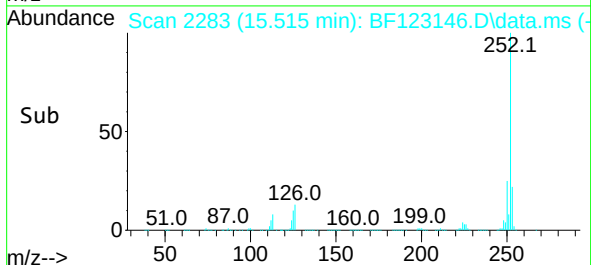
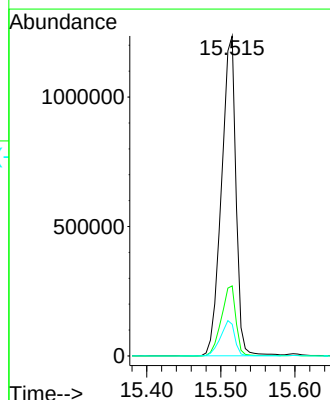
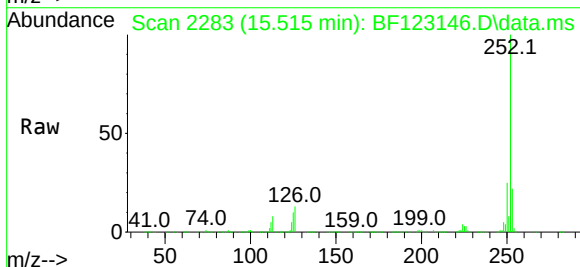
Delta R.T. 0.006 min

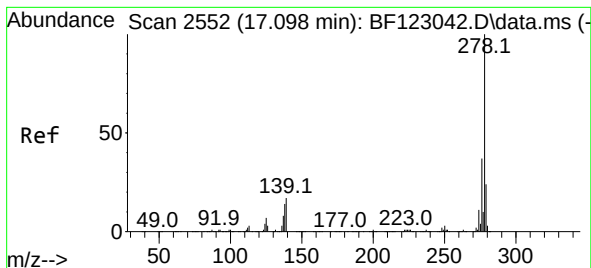
Lab File: BF123146.D

Acq: 8 Feb 2021 15:38

Tgt Ion:252 Resp: 1678815

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	9.9	8.6	12.8

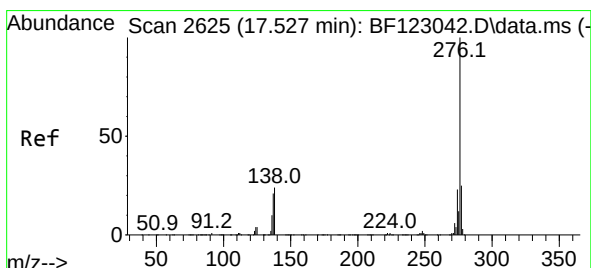
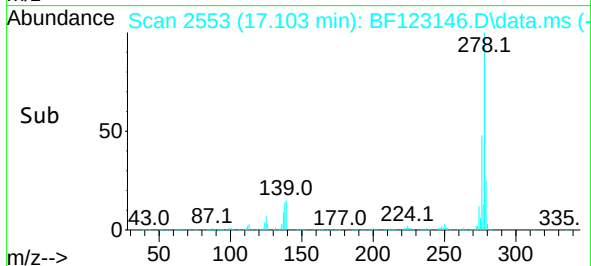
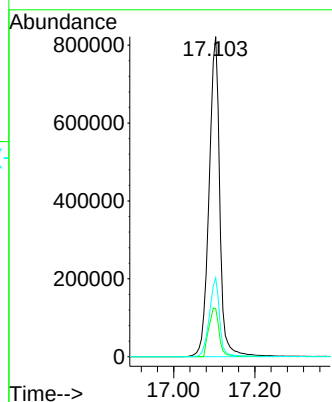
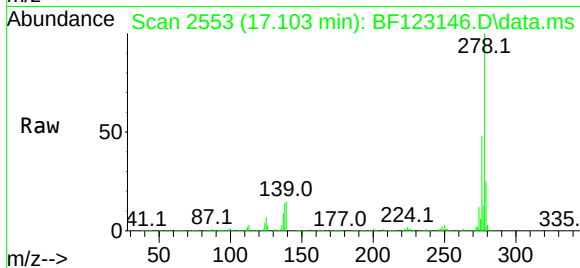




#91
Dibenzo(a,h)anthracene
Concen: 42.77 ng
RT: 17.103 min Scan# 2553
Delta R.T. 0.006 min
Lab File: BF123146.D
Acq: 8 Feb 2021 15:38

Instrument :
BNA_F
ClientSampleId :
PB134513BS

Tgt Ion:278 Resp: 1503056
Ion Ratio Lower Upper
278 100
139 15.0 12.0 18.0
279 24.7 19.4 29.2



#92
Benzo(g,h,i)perylene
Concen: 41.67 ng
RT: 17.539 min Scan# 2627
Delta R.T. 0.012 min
Lab File: BF123146.D
Acq: 8 Feb 2021 15:38

Tgt Ion:276 Resp: 1418984
Ion Ratio Lower Upper
276 100
277 23.9 19.3 28.9
138 20.4 16.6 24.8

