

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032321\
 Data File : BF123407.D
 Acq On : 23 Mar 2021 17:08
 Operator : JU/CG
 Sample : PB135297BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB135297BS

Quant Time: Mar 23 17:30:00 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 23 15:58:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	223623	20.00	ng	0.00
21) Naphthalene-d8	8.198	136	858202	20.00	ng	# 0.00
39) Acenaphthene-d10	9.963	164	488729	20.00	ng	0.00
64) Phenanthrene-d10	11.457	188	909800	20.00	ng	0.00
76) Chrysene-d12	14.110	240	673691	20.00	ng	0.00
86) Perylene-d12	15.609	264	536039	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1144468	83.73	ng	0.01
7) Phenol-d6	6.534	99	1508996	82.93	ng	0.00
23) Nitrobenzene-d5	7.475	82	1191229	74.91	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	475454	87.02	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	2231595	65.23	ng	0.00
79) Terphenyl-d14	13.045	244	2418216	60.83	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.822	88	268353	40.82	ng	# 66
3) Pyridine	3.563	79	730012	42.22	ng	# 62
4) n-Nitrosodimethylamine	3.516	42	454593	43.95	ng	# 65
6) Aniline	6.575	93	780460	35.05	ng	93
8) 2-Chlorophenol	6.698	128	668393	44.34	ng	88
9) Benzaldehyde	6.463	77	207331	20.04	ng	98
10) Phenol	6.551	94	845364	45.26	ng	95
11) bis(2-Chloroethyl)ether	6.651	93	672574	45.16	ng	86
12) 1,3-Dichlorobenzene	7.086	146	682108	41.94	ng	97
13) 1,4-Dichlorobenzene	6.934	146	704597	43.32	ng	98
14) 1,2-Dichlorobenzene	7.086	146	682108	45.14	ng	98
15) Benzyl Alcohol	7.051	79	628913	44.14	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.192	45	1492720	44.66	ng	85
17) 2-Methylphenol	7.163	107	577699	46.61	ng	98
18) Hexachloroethane	7.434	117	276584	45.38	ng	99
19) n-Nitroso-di-n-propyla...	7.328	70	524194	44.54	ng	# 72
20) 3+4-Methylphenols	7.316	107	695908	45.08	ng	90
22) Acetophenone	7.322	105	929975	43.17	ng	# 88
24) Nitrobenzene	7.498	77	756830	43.05	ng	95
25) Isophorone	7.739	82	1435571	41.99	ng	97
26) 2-Nitrophenol	7.810	139	330264	52.56	ng	# 87
27) 2,4-Dimethylphenol	7.845	122	656159	46.95	ng	99
28) bis(2-Chloroethoxy)met...	7.945	93	878677	47.69	ng	99
29) 2,4-Dichlorophenol	8.051	162	607955	44.32	ng	97
30) 1,2,4-Trichlorobenzene	8.139	180	617997	41.30	ng	98
31) Naphthalene	8.222	128	1917343	41.55	ng	99
32) Benzoic acid	7.969	122	454754	55.15	ng	98
33) 4-Chloroaniline	8.263	127	445870	23.55	ng	# 93
34) Hexachlorobutadiene	8.345	225	368642	40.39	ng	99
35) Caprolactam	8.639	113	100821	24.44	ng	# 45
36) 4-Chloro-3-methylphenol	8.745	107	652101	45.30	ng	97
37) 2-Methylnaphthalene	8.916	142	1358782	42.96	ng	100
38) 1-Methylnaphthalene	9.016	142	1280942	43.14	ng	99
40) 1,2,4,5-Tetrachloroben...	9.080	216	584162	40.17	ng	98
41) Hexachlorocyclopentadiene	9.075	237	787058	96.93	ng	97
43) 2,4,6-Trichlorophenol	9.192	196	438931	43.11	ng	96

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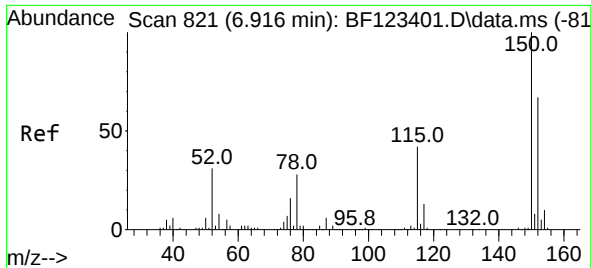
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.228	196	457484	42.75	ng	97
46) 1,1'-Biphenyl	9.380	154	1603047	42.56	ng	99
47) 2-Chloronaphthalene	9.404	162	1259222	40.98	ng	99
48) 2-Nitroaniline	9.498	65	468749	50.27	ng	# 72
49) Acenaphthylene	9.827	152	2002175	41.66	ng	99
50) Dimethylphthalate	9.686	163	1527575	44.01	ng	98
51) 2,6-Dinitrotoluene	9.745	165	343098	47.32	ng	# 85
52) Acenaphthene	9.998	154	1370339	45.68	ng	98
53) 3-Nitroaniline	9.910	138	265216	34.63	ng	84
54) 2,4-Dinitrophenol	10.016	184	326016	92.92	ng	# 80
55) Dibenzofuran	10.169	168	1762633	40.87	ng	98
56) 4-Nitrophenol	10.069	139	586741	95.00	ng	# 66
57) 2,4-Dinitrotoluene	10.151	165	455847	50.37	ng	93
58) Fluorene	10.516	166	1336355	41.04	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.286	232	395761	45.31	ng	92
60) Diethylphthalate	10.392	149	1519862	44.85	ng	99
61) 4-Chlorophenyl-phenyle...	10.504	204	670935	42.16	ng	96
62) 4-Nitroaniline	10.533	138	350185	48.25	ng	94
63) Azobenzene	10.669	77	1568013	42.05	ng	92
65) 4,6-Dinitro-2-methylph...	10.557	198	226015	46.38	ng	# 70
66) n-Nitrosodiphenylamine	10.627	169	1233846	40.47	ng	98
67) 4-Bromophenyl-phenylether	10.998	248	457189	42.43	ng	99
68) Hexachlorobenzene	11.063	284	500446	42.14	ng	96
69) Atrazine	11.151	200	383300	39.56	ng	98
70) Pentachlorophenol	11.257	266	608310	85.85	ng	98
71) Phenanthrene	11.480	178	2033578	40.43	ng	99
72) Anthracene	11.533	178	2083943	41.19	ng	99
73) Carbazole	11.686	167	1898311	39.72	ng	98
74) Di-n-butylphthalate	12.021	149	2382543	43.79	ng	99
75) Fluoranthene	12.674	202	2262673	41.55	ng	98
77) Benzidine	12.786	184	850212	42.37	ng	99
78) Pyrene	12.904	202	2283819	39.30	ng	100
80) Butylbenzylphthalate	13.527	149	989289	45.90	ng	98
81) Benzo(a)anthracene	14.098	228	1752863	39.75	ng	98
82) 3,3'-Dichlorobenzidine	14.057	252	437608	30.51	ng	98
83) Chrysene	14.133	228	1818053	39.94	ng	99
84) Bis(2-ethylhexyl)phtha...	14.092	149	1304107	45.96	ng	96
85) Di-n-octyl phthalate	14.710	149	2304180	51.37	ng	# 87
87) Indeno(1,2,3-cd)pyrene	17.133	276	1363603	40.94	ng	100
88) Benzo(b)fluoranthene	15.168	252	1585052	42.86	ng	97
89) Benzo(k)fluoranthene	15.168	252	1585052	45.34	ng	98
90) Benzo(a)pyrene	15.551	252	1343529	42.09	ng	98
91) Dibenzo(a,h)anthracene	17.156	278	1144058	40.46	ng	99
92) Benzo(g,h,i)perylene	17.598	276	1095178	38.69	ng	97

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

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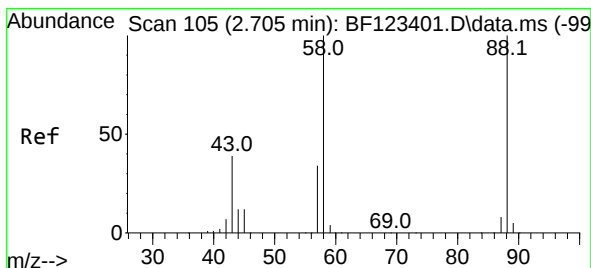
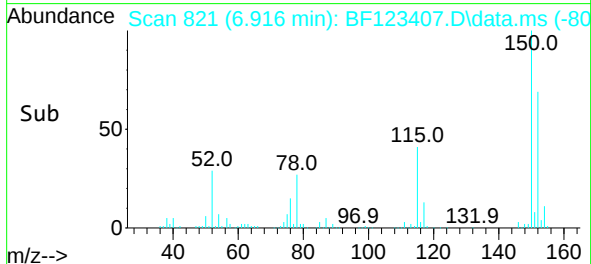
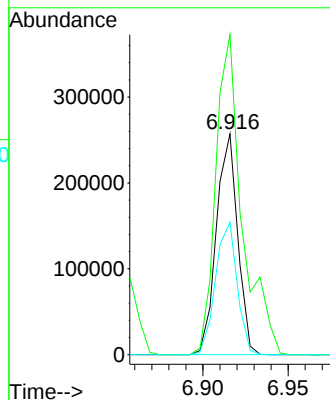
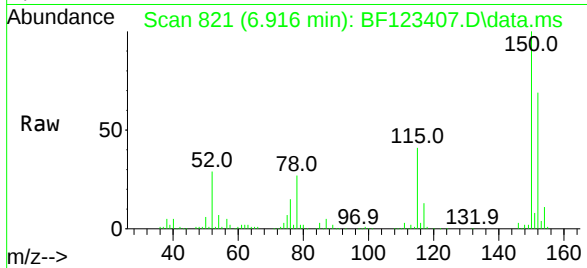




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.916 min Scan# 821
 Delta R.T. -0.000 min
 Lab File: BF123407.D
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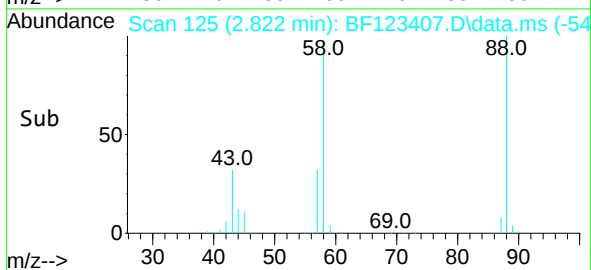
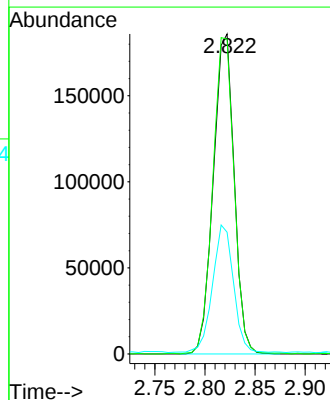
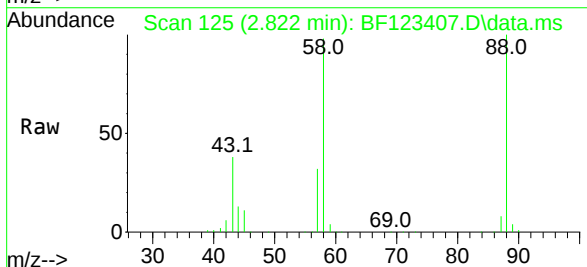
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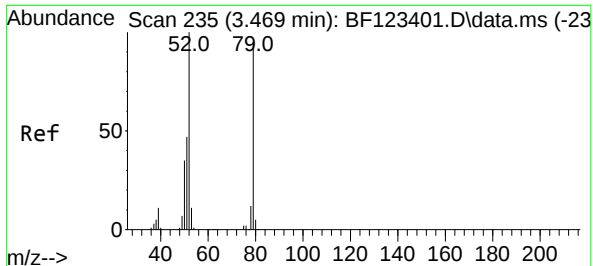
Tgt Ion:152 Resp: 223623
 Ion Ratio Lower Upper
 152 100
 150 145.0 125.8 188.6
 115 60.0 49.3 73.9



#2
 1,4-Dioxane
 Concen: 40.82 ng
 RT: 2.822 min Scan# 125
 Delta R.T. 0.118 min
 Lab File: BF123407.D
 Acq: 23 Mar 2021 17:08

Tgt Ion: 88 Resp: 268353
 Ion Ratio Lower Upper
 88 100
 58 101.1 56.2 84.2#
 43 40.0 21.8 32.6#

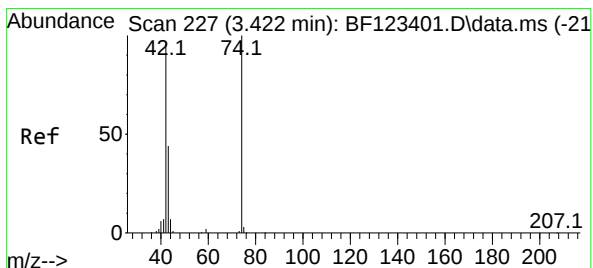
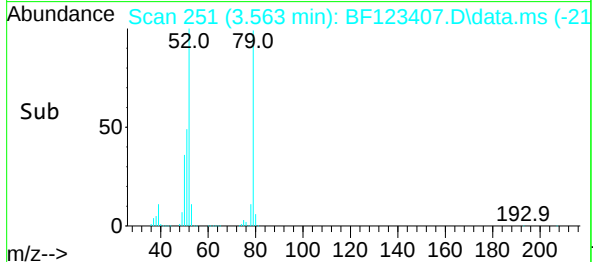
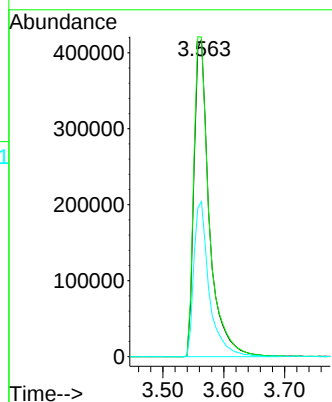
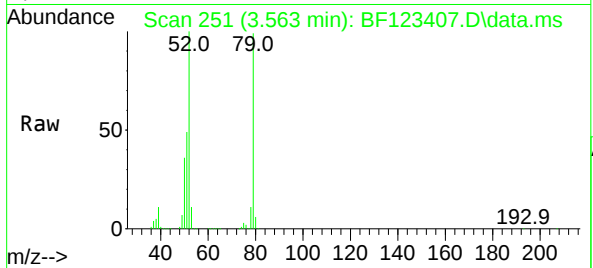




#3
Pyridine
Concen: 42.22 ng
RT: 3.563 min Scan# 251
Delta R.T. 0.094 min
Lab File: BF123407.D
Acq: 23 Mar 2021 17:08

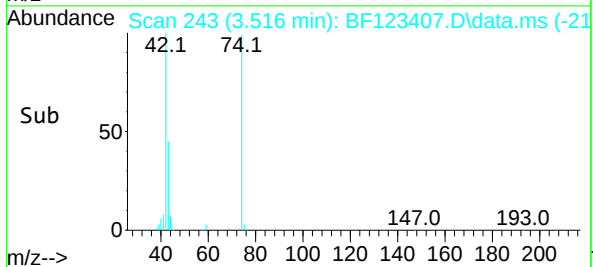
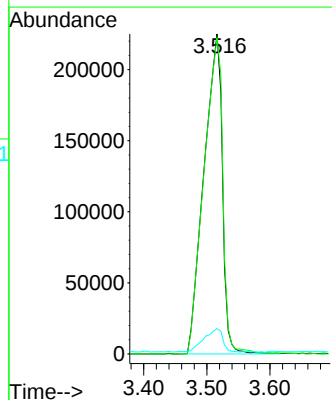
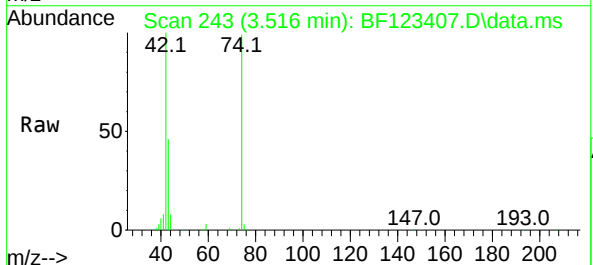
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ClientSampleId :
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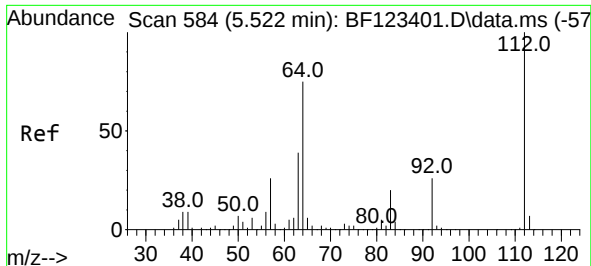
Tgt Ion: 79 Resp: 730012
Ion Ratio Lower Upper
79 100
52 100.8 53.0 79.4#
51 48.9 26.6 39.8#



#4
n-Nitrosodimethylamine
Concen: 43.95 ng
RT: 3.516 min Scan# 243
Delta R.T. 0.094 min
Lab File: BF123407.D
Acq: 23 Mar 2021 17:08

Tgt Ion: 42 Resp: 454593
Ion Ratio Lower Upper
42 100
74 98.7 115.2 172.8#
44 7.9 5.4 8.0

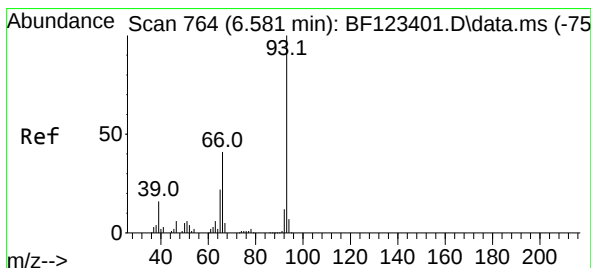
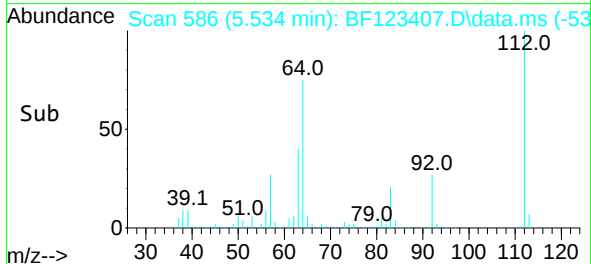
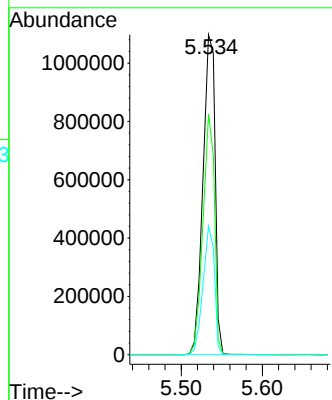
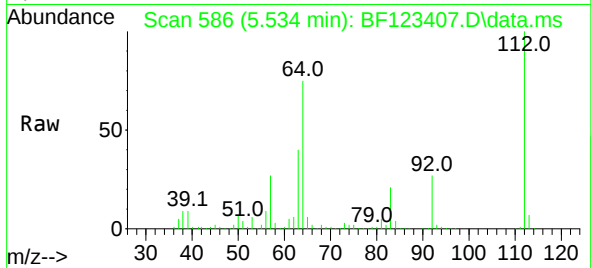




#5
2-Fluorophenol
Concen: 83.73 ng
RT: 5.534 min Scan# 586
Delta R.T. 0.012 min
Lab File: BF123407.D
Acq: 23 Mar 2021 17:08

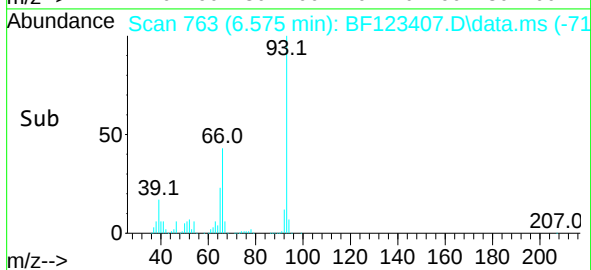
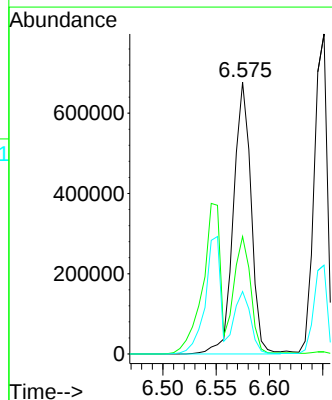
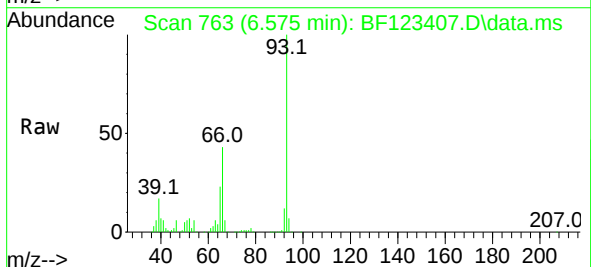
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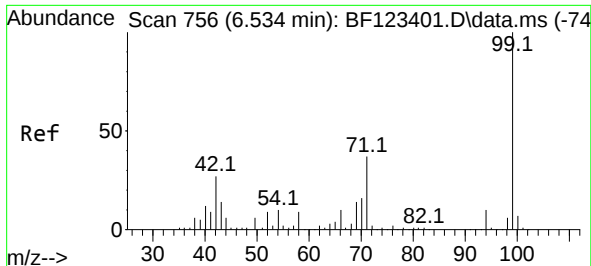
Tgt Ion:112 Resp: 1144468
Ion Ratio Lower Upper
112 100
64 75.2 46.9 70.3#
63 40.2 24.5 36.7#



#6
Aniline
Concen: 35.05 ng
RT: 6.575 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF123407.D
Acq: 23 Mar 2021 17:08

Tgt Ion: 93 Resp: 780460
Ion Ratio Lower Upper
93 100
66 43.2 31.3 46.9
65 23.0 15.6 23.4

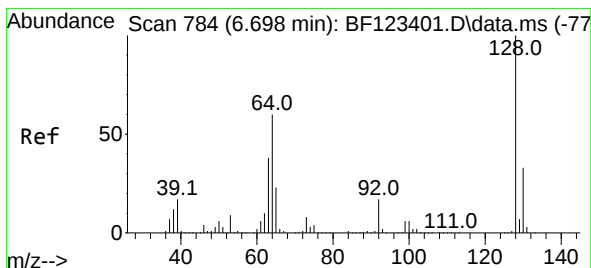
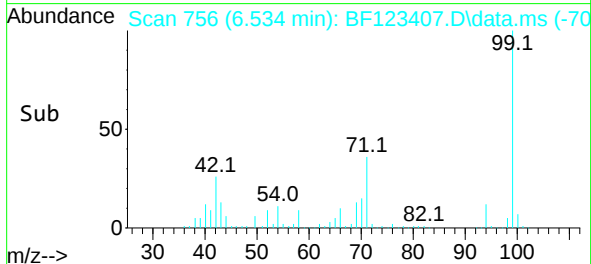
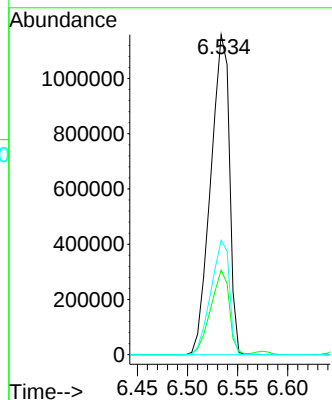
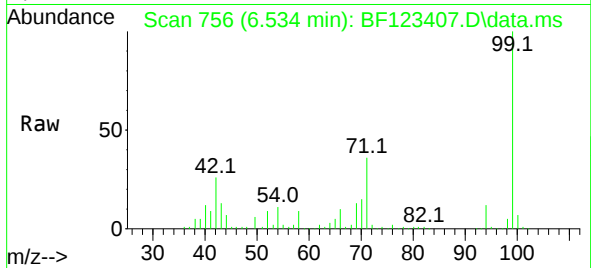




#7
Phenol-d6
Concen: 82.93 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.000 min
Lab File: BF123407.D
Acq: 23 Mar 2021 17:08

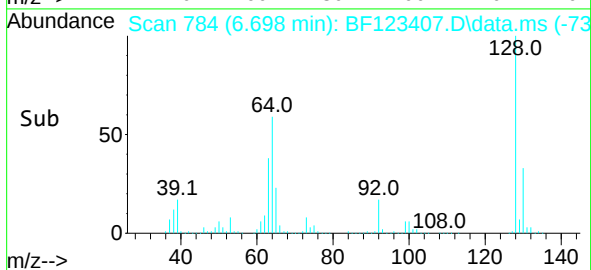
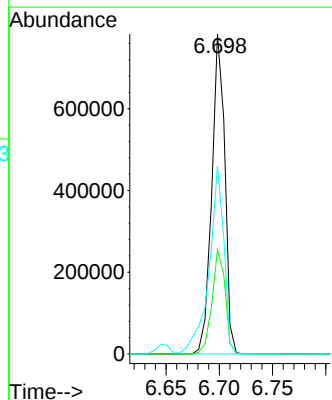
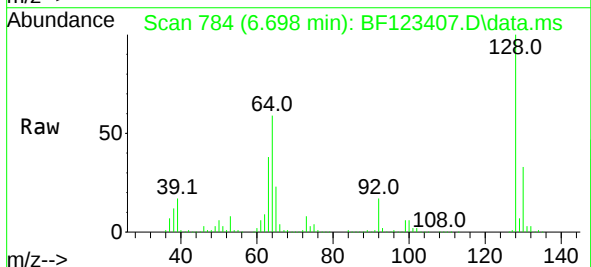
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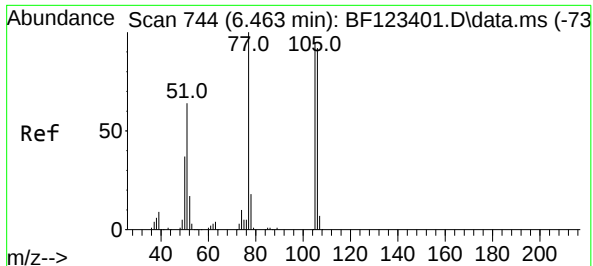
Tgt Ion: 99 Resp: 1508996
Ion Ratio Lower Upper
99 100
42 26.4 13.8 20.6#
71 35.8 26.9 40.3



#8
2-Chlorophenol
Concen: 44.34 ng
RT: 6.698 min Scan# 784
Delta R.T. -0.000 min
Lab File: BF123407.D
Acq: 23 Mar 2021 17:08

Tgt Ion: 128 Resp: 668393
Ion Ratio Lower Upper
128 100
130 32.6 12.3 52.3
64 58.7 25.5 65.5

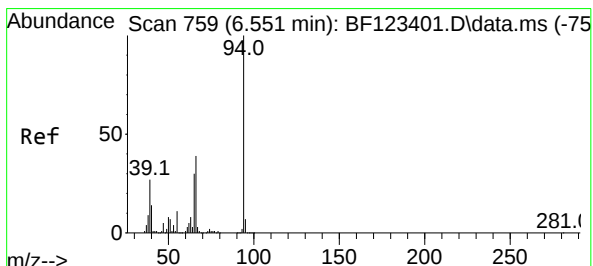
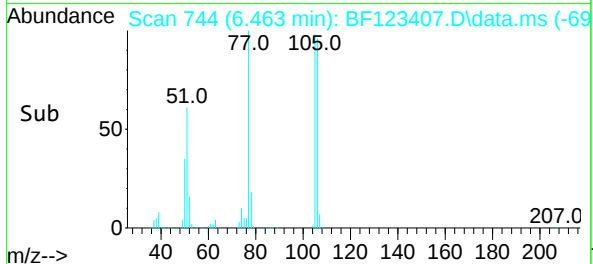
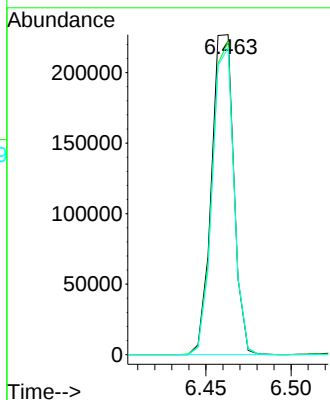
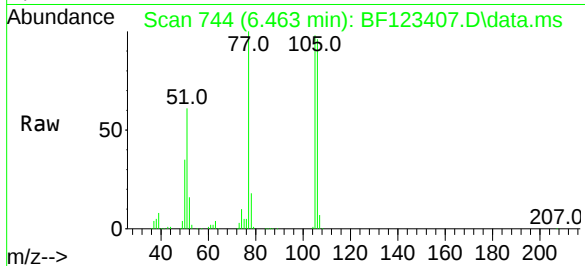




#9
Benzaldehyde
Concen: 20.04 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF123407.D
Acq: 23 Mar 2021 17:08

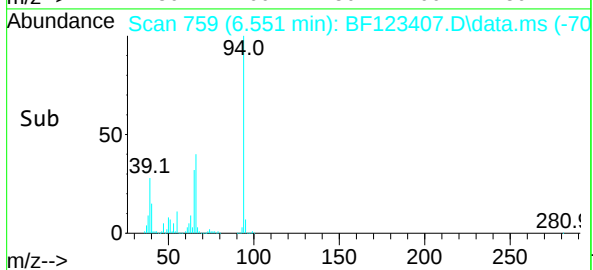
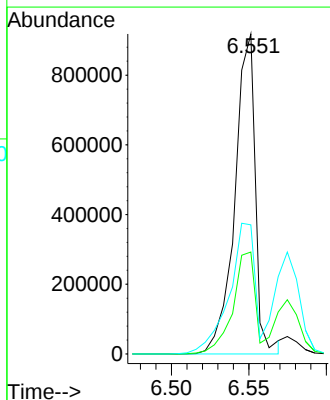
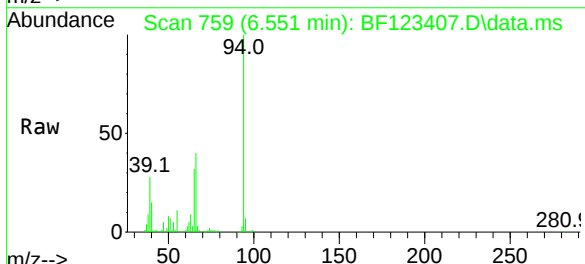
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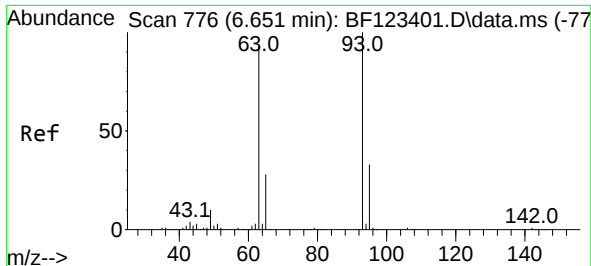
Tgt Ion: 77 Resp: 207331
Ion Ratio Lower Upper
77 100
105 97.7 80.6 120.6
106 95.9 77.2 117.2



#10
Phenol
Concen: 45.26 ng
RT: 6.551 min Scan# 759
Delta R.T. -0.000 min
Lab File: BF123407.D
Acq: 23 Mar 2021 17:08

Tgt Ion: 94 Resp: 845364
Ion Ratio Lower Upper
94 100
65 31.9 11.2 51.2
66 40.3 25.8 65.8

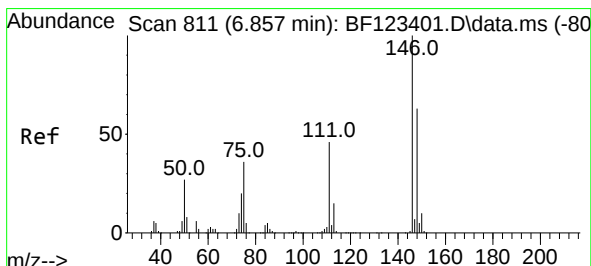
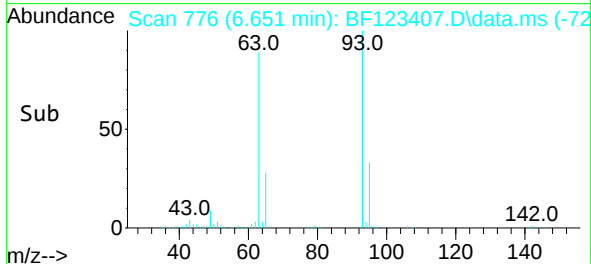
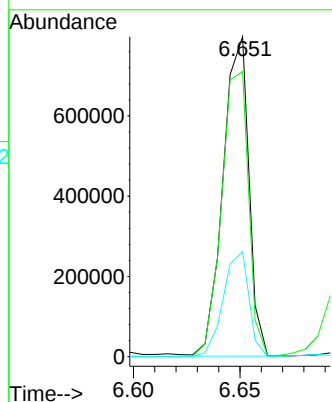
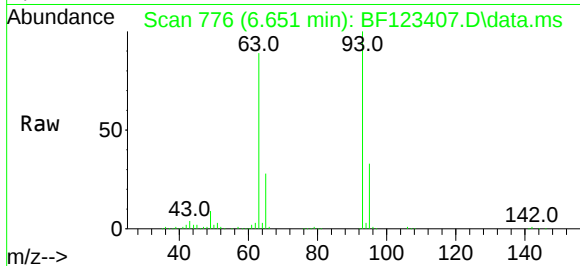




#11
bis(2-Chloroethyl)ether
Concen: 45.16 ng
RT: 6.651 min Scan# 776
Delta R.T. -0.000 min
Lab File: BF123407.D
Acq: 23 Mar 2021 17:08

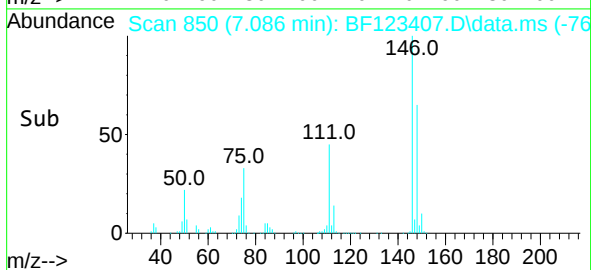
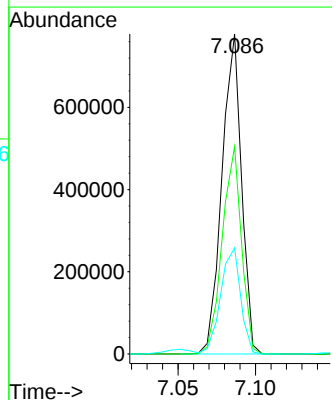
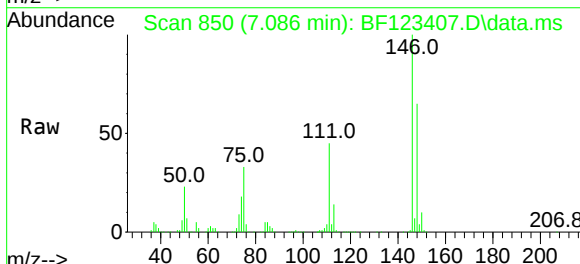
Instrument :
BNA_F
ClientSampleId :
PB135297BS

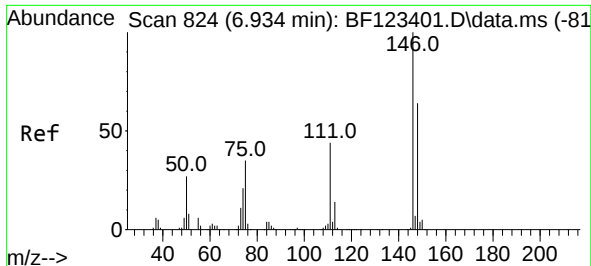
Tgt Ion: 93	Resp: 672574
Ion Ratio	Lower Upper
93 100	
63 89.2	52.6 92.6
95 32.8	12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 41.94 ng
RT: 7.086 min Scan# 850
Delta R.T. 0.229 min
Lab File: BF123407.D
Acq: 23 Mar 2021 17:08

Tgt Ion:146	Resp: 682108		
Ion Ratio	Lower	Upper	
146 100			
148 64.8	51.8	77.8	
75 33.1	22.5	33.7	





#13

1,4-Dichlorobenzene

Concen: 43.32 ng

RT: 6.934 min Scan# 824

Delta R.T. -0.000 min

Lab File: BF123407.D

Acq: 23 Mar 2021 17:08

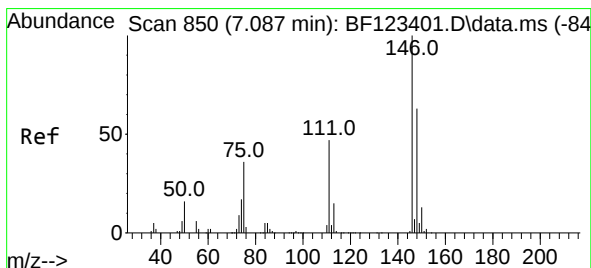
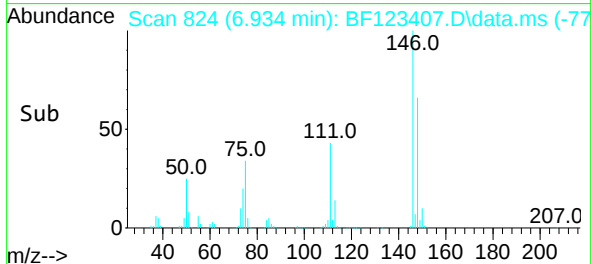
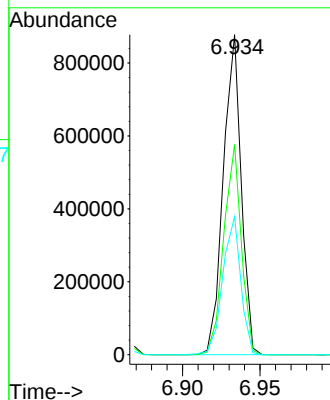
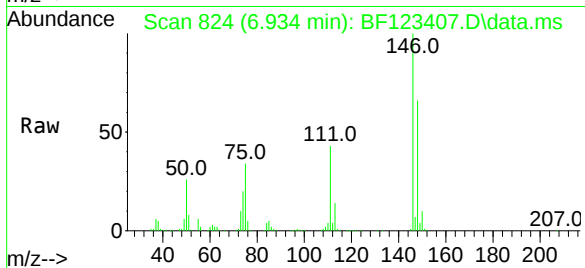
Tgt Ion:146 Resp: 704597

Ion Ratio Lower Upper

146 100

148 65.7 52.0 78.0

111 43.1 32.3 48.5



#14

1,2-Dichlorobenzene

Concen: 45.14 ng

RT: 7.086 min Scan# 850

Delta R.T. -0.000 min

Lab File: BF123407.D

Acq: 23 Mar 2021 17:08

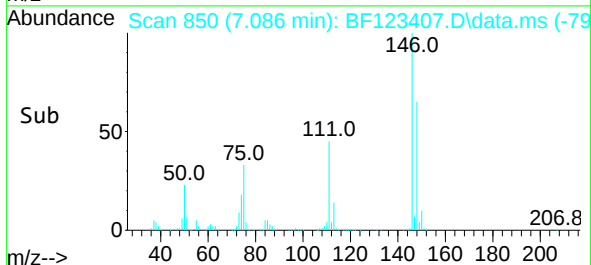
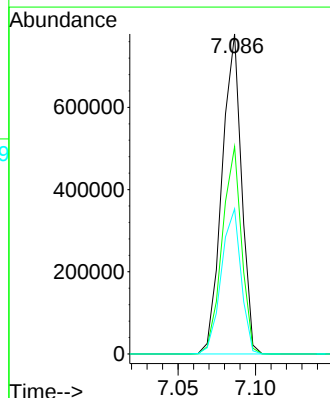
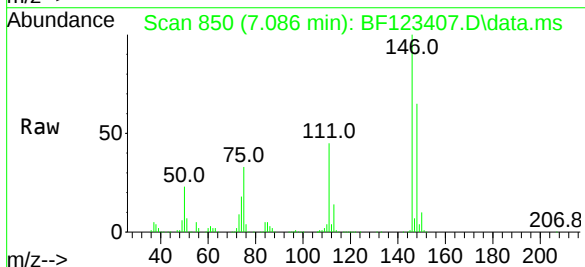
Tgt Ion:146 Resp: 682108

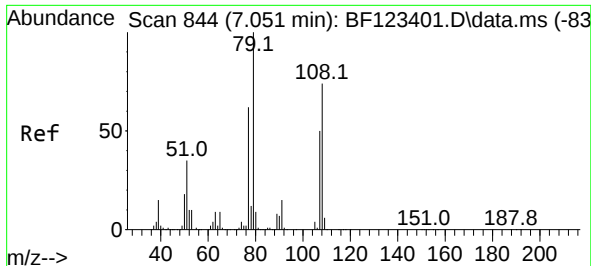
Ion Ratio Lower Upper

146 100

148 64.8 51.5 77.3

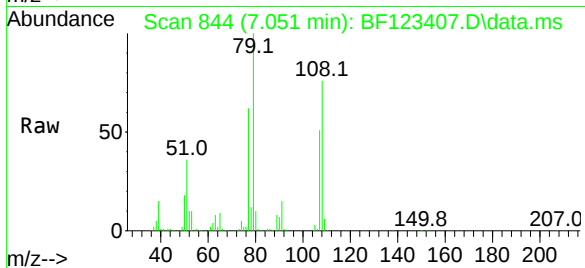
111 45.3 34.2 51.2



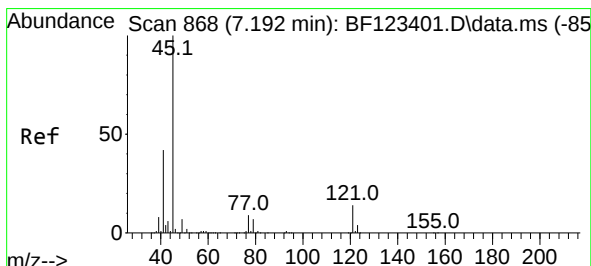
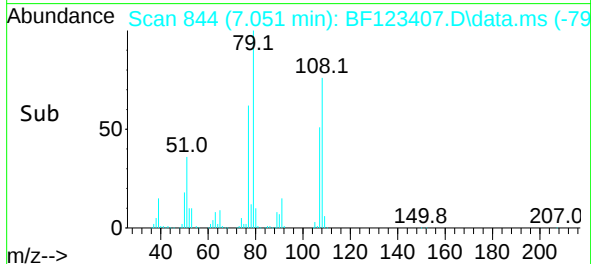
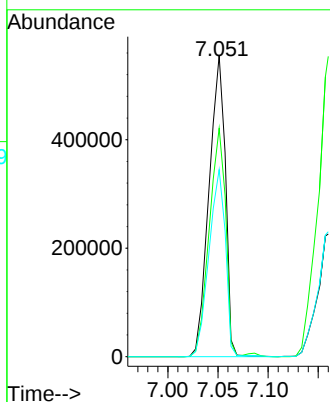


#15
Benzyl Alcohol
Concen: 44.14 ng
RT: 7.051 min Scan# 844
Delta R.T. -0.000 min
Lab File: BF123407.D
Acq: 23 Mar 2021 17:08

Instrument :
BNA_F
ClientSampleId :
PB135297BS

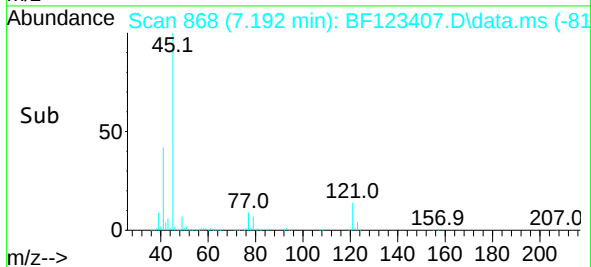
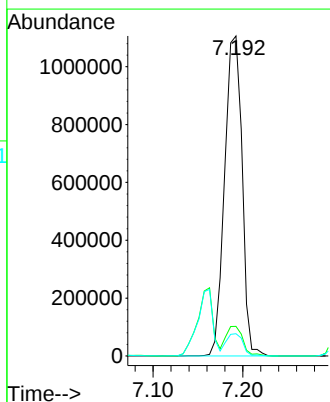
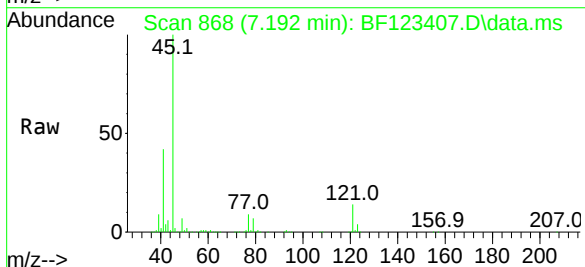


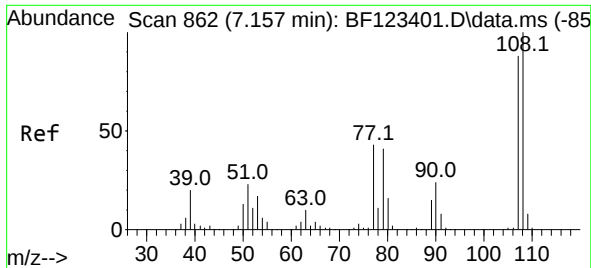
Tgt Ion: 79 Resp: 628913
Ion Ratio Lower Upper
79 100
108 75.8 62.4 93.6
77 62.1 49.0 73.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.66 ng
RT: 7.192 min Scan# 868
Delta R.T. -0.000 min
Lab File: BF123407.D
Acq: 23 Mar 2021 17:08

Tgt Ion: 45 Resp: 1492720
Ion Ratio Lower Upper
45 100
77 9.2 0.0 35.6
79 7.0 0.0 32.4

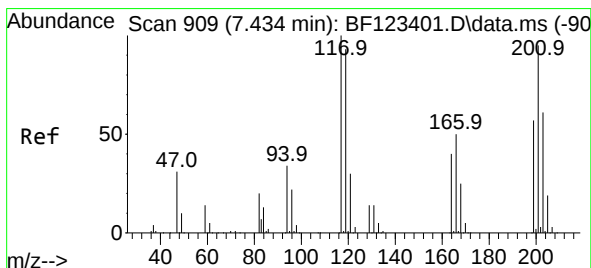
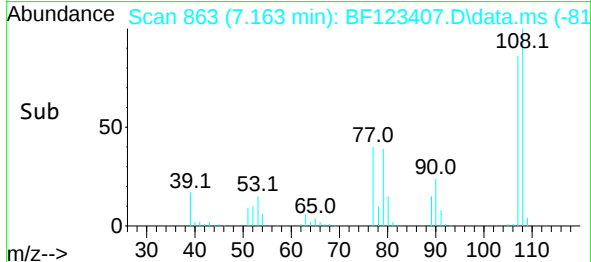
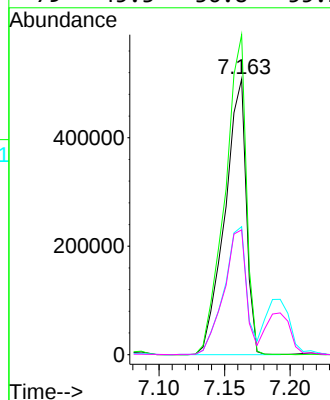
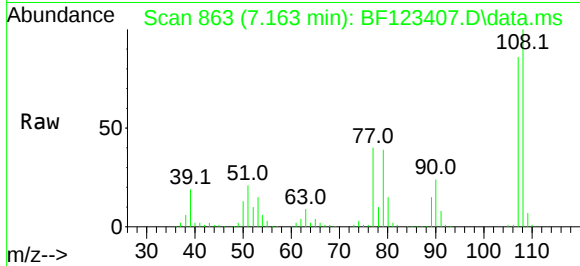




#17
2-Methylphenol
Concen: 46.61 ng
RT: 7.163 min Scan# 863
Delta R.T. 0.006 min
Lab File: BF123407.D
Acq: 23 Mar 2021 17:08

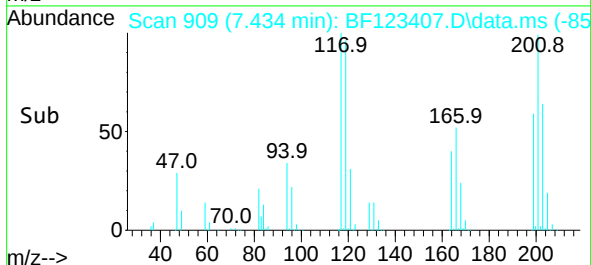
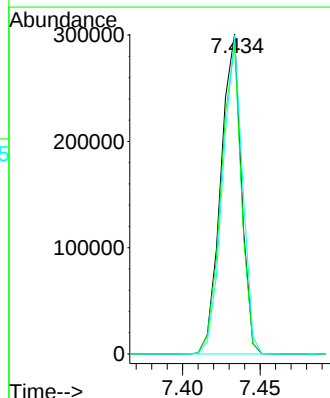
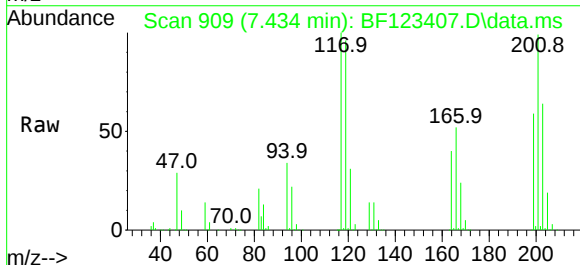
Instrument :
BNA_F
ClientSampleId :
PB135297BS

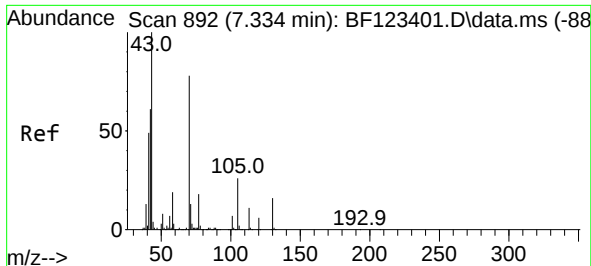
Tgt Ion:	107	Resp:	577699
Ion	Ratio	Lower	Upper
107	100		
108	116.2	91.1	136.7
77	46.5	36.3	54.5
79	45.3	36.8	55.2



#18
Hexachloroethane
Concen: 45.38 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.000 min
Lab File: BF123407.D
Acq: 23 Mar 2021 17:08

Tgt Ion:	117	Resp:	276584
Ion	Ratio	Lower	Upper
117	100		
119	96.4	78.4	117.6
201	99.5	79.6	119.4



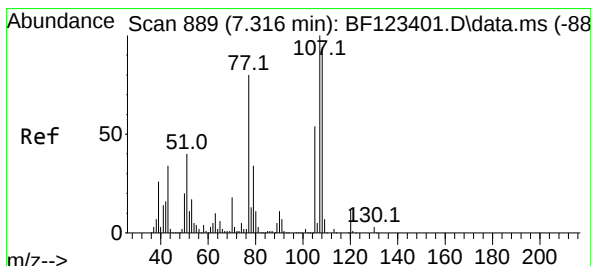
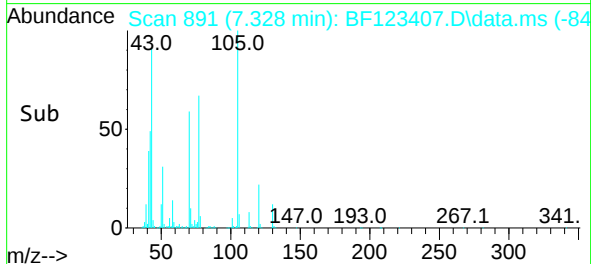
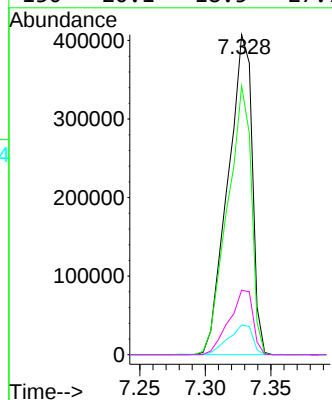
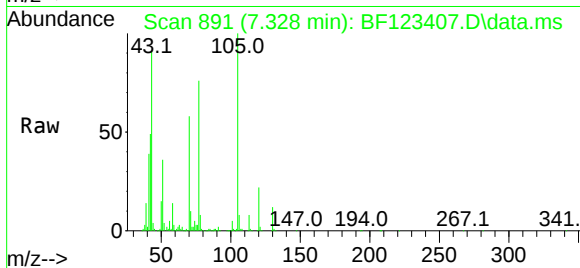


#19

n-Nitroso-di-n-propylamine
Concen: 44.54 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF123407.D
Acq: 23 Mar 2021 17:08

Instrument :
BNA_F
ClientSampleId :
PB135297BS

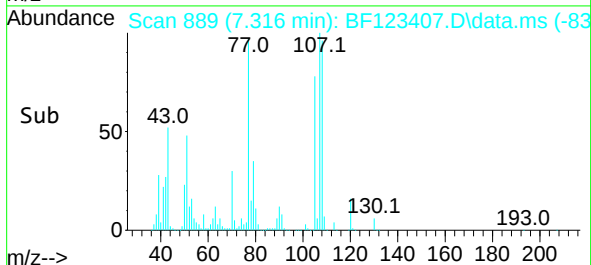
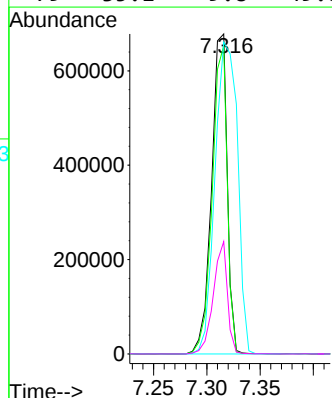
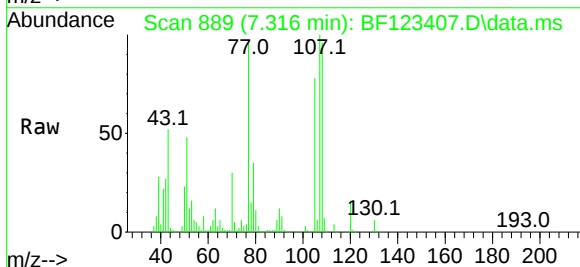
Tgt Ion: 70 Resp: 524194
Ion Ratio Lower Upper
70 100
42 84.0 43.0 64.4#
101 9.3 7.9 11.9
130 20.1 18.5 27.7

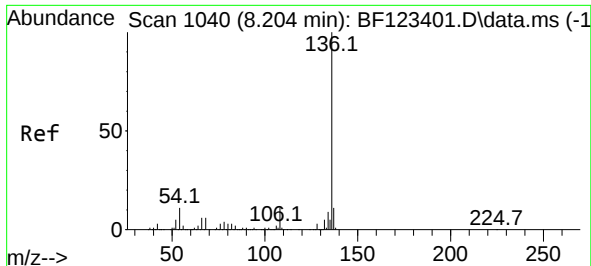


#20

3+4-Methylphenols
Concen: 45.08 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.000 min
Lab File: BF123407.D
Acq: 23 Mar 2021 17:08

Tgt Ion: 107 Resp: 695908
Ion Ratio Lower Upper
107 100
108 96.3 68.7 108.7
77 97.4 89.8 129.8
79 35.1 9.8 49.8

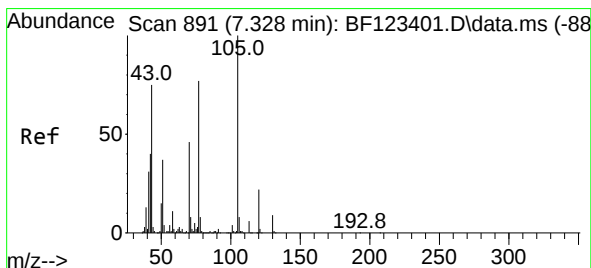
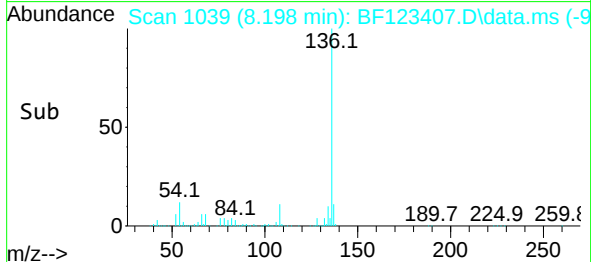
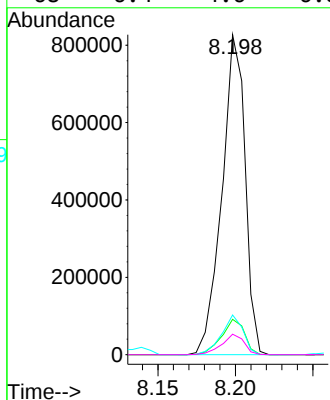
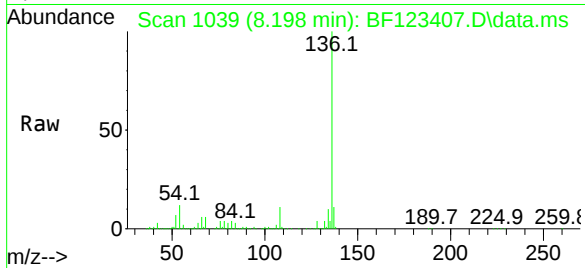




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF123407.D
Acq: 23 Mar 2021 17:08

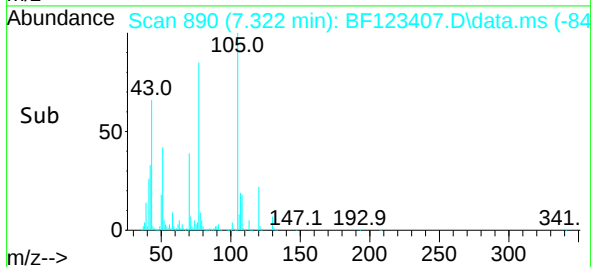
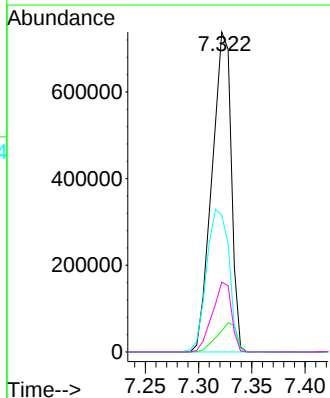
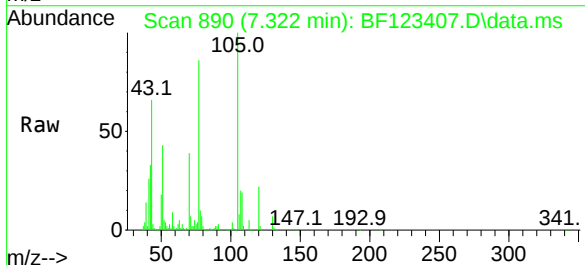
Instrument :
BNA_F
ClientSampleId :
PB135297BS

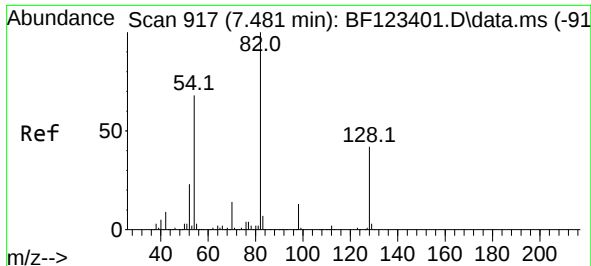
Tgt Ion:136	Resp: 858202
Ion Ratio	Lower Upper
136 100	
137 11.0	8.8 13.2
54 12.4	5.5 8.3#
68 6.4	4.6 6.8



#22
Acetophenone
Concen: 43.17 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.006 min
Lab File: BF123407.D
Acq: 23 Mar 2021 17:08

Tgt	Ion:105	Resp:	929975
Ion	Ratio	Lower	Upper
105	100		
71	6.6	6.5	9.7
51	42.8	24.3	36.5#
120	21.8	18.1	27.1

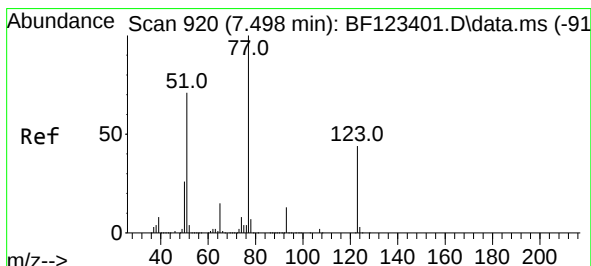
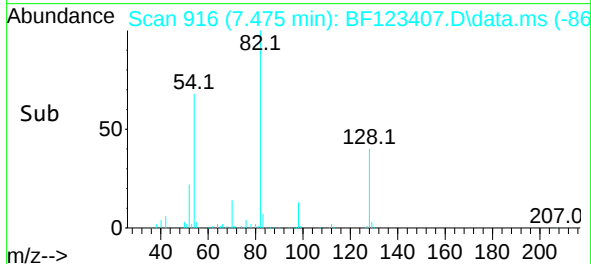
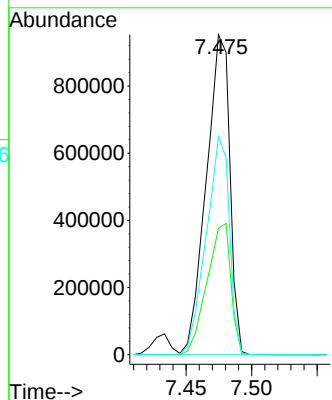
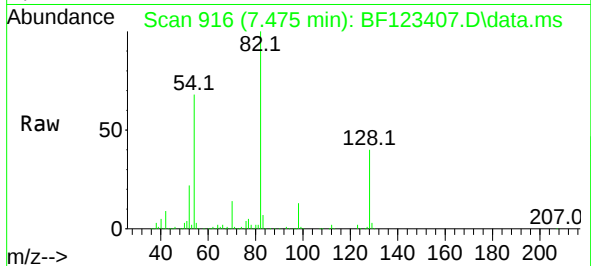




#23
Nitrobenzene-d5
Concen: 74.91 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF123407.D
Acq: 23 Mar 2021 17:08

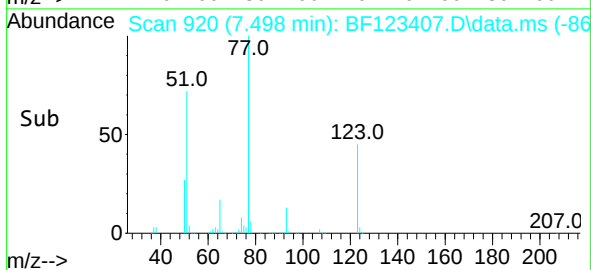
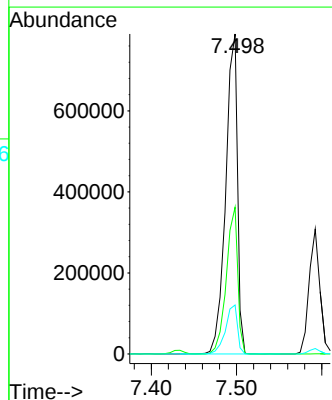
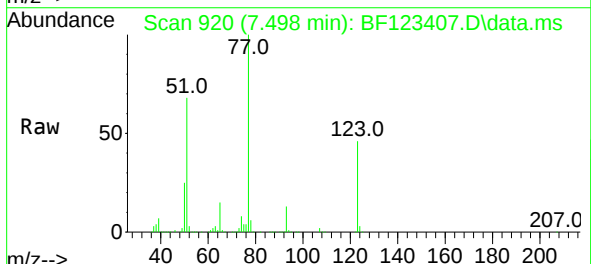
Instrument :
BNA_F
ClientSampleId :
PB135297BS

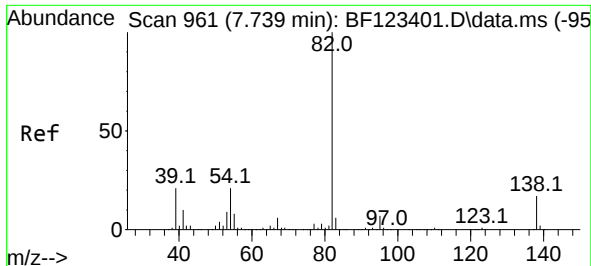
Tgt Ion: 82 Resp: 1191229
Ion Ratio Lower Upper
82 100
128 39.5 37.0 55.4
54 68.1 38.4 57.6#



#24
Nitrobenzene
Concen: 43.05 ng
RT: 7.498 min Scan# 920
Delta R.T. -0.000 min
Lab File: BF123407.D
Acq: 23 Mar 2021 17:08

Tgt Ion: 77 Resp: 756830
Ion Ratio Lower Upper
77 100
123 45.9 39.3 58.9
65 15.3 10.6 15.8

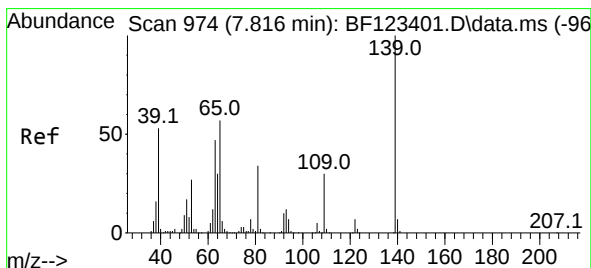
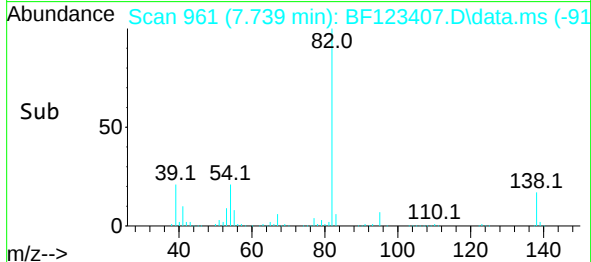
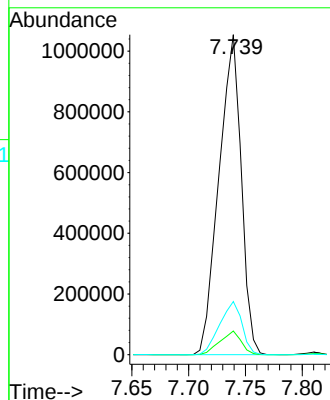
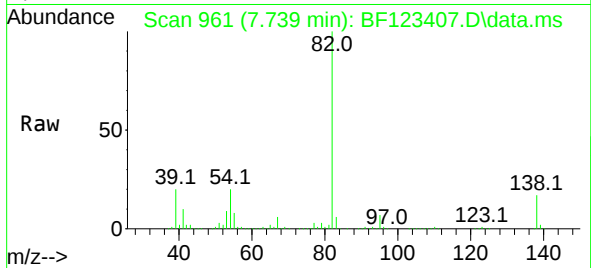




#25
Isophorone
Concen: 41.99 ng
RT: 7.739 min Scan# 961
Delta R.T. -0.000 min
Lab File: BF123407.D
Acq: 23 Mar 2021 17:08

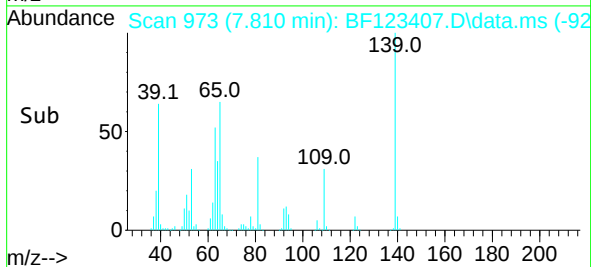
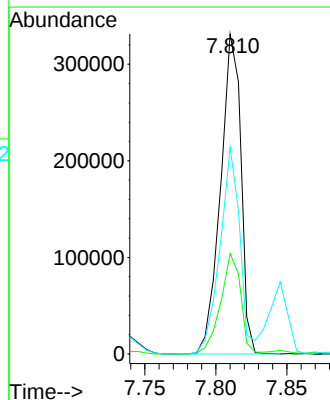
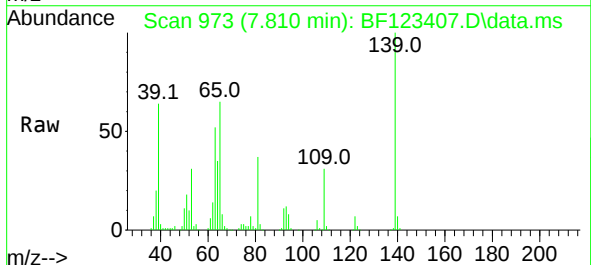
Instrument :
BNA_F
ClientSampleId :
PB135297BS

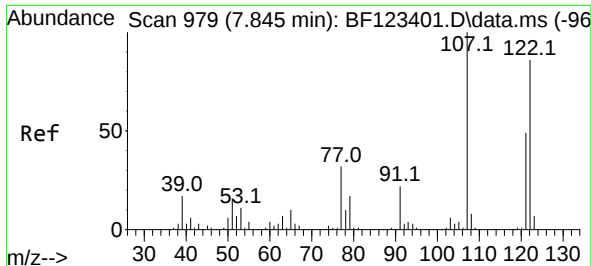
Tgt Ion: 82 Resp: 1435571
Ion Ratio Lower Upper
82 100
95 7.4 5.8 8.6
138 16.6 14.6 21.8



#26
2-Nitrophenol
Concen: 52.56 ng
RT: 7.810 min Scan# 973
Delta R.T. -0.006 min
Lab File: BF123407.D
Acq: 23 Mar 2021 17:08

Tgt Ion:139 Resp: 330264
Ion Ratio Lower Upper
139 100
109 31.3 24.0 36.0
65 64.6 40.9 61.3#

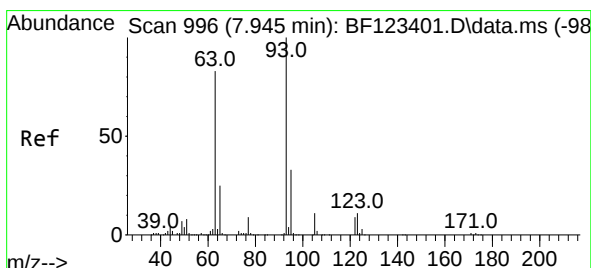
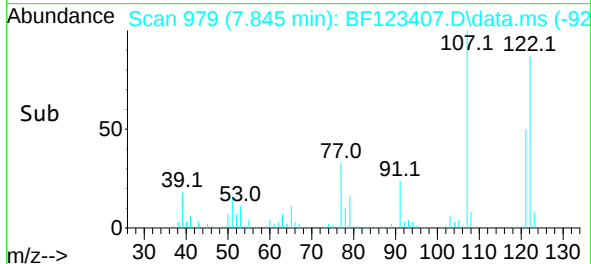
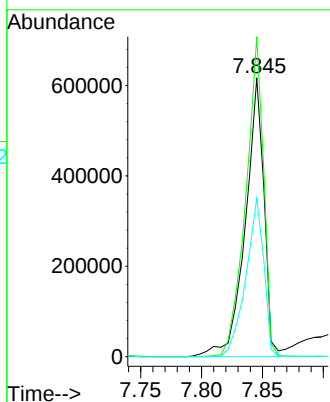
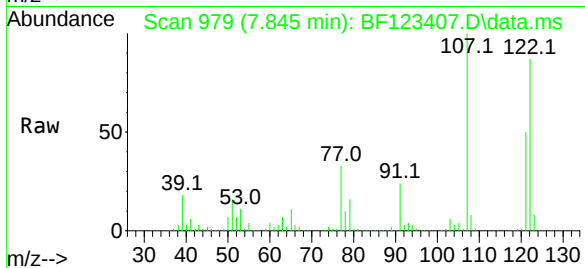




#27
2,4-Dimethylphenol
Concen: 46.95 ng
RT: 7.845 min Scan# 979
Delta R.T. -0.000 min
Lab File: BF123407.D
Acq: 23 Mar 2021 17:08

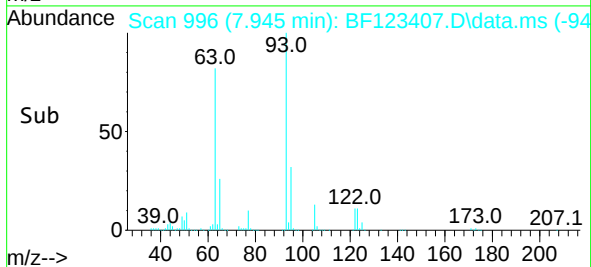
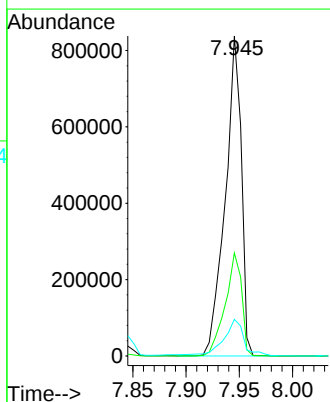
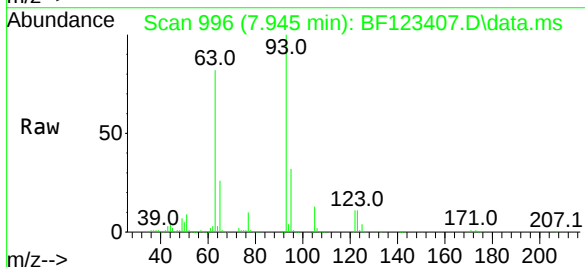
Instrument :
BNA_F
ClientSampleId :
PB135297BS

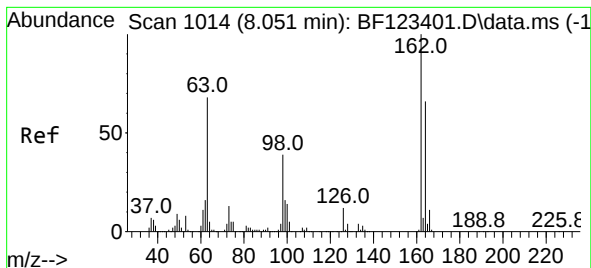
Tgt Ion:122 Resp: 656159
Ion Ratio Lower Upper
122 100
107 114.7 91.8 137.8
121 56.8 47.3 70.9



#28
bis(2-Chloroethoxy)methane
Concen: 47.69 ng
RT: 7.945 min Scan# 996
Delta R.T. -0.000 min
Lab File: BF123407.D
Acq: 23 Mar 2021 17:08

Tgt Ion: 93 Resp: 878677
Ion Ratio Lower Upper
93 100
95 32.2 26.2 39.2
123 11.5 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 44.32 ng

RT: 8.051 min Scan# 1014

Delta R.T. -0.000 min

Lab File: BF123407.D

Acq: 23 Mar 2021 17:08

Instrument :

BNA_F

ClientSampleId :

PB135297BS

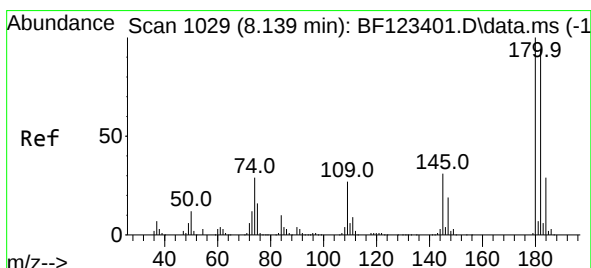
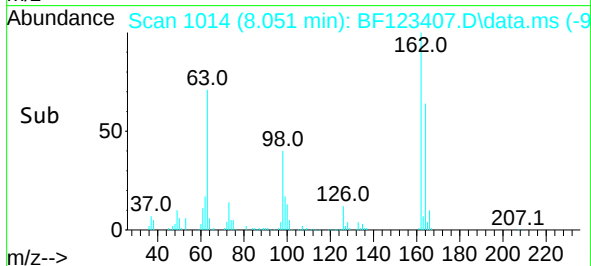
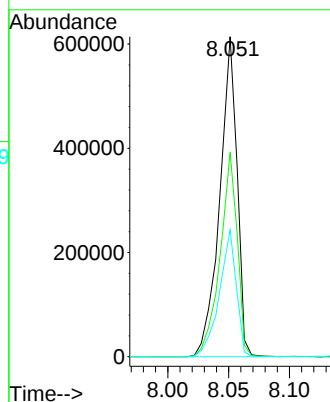
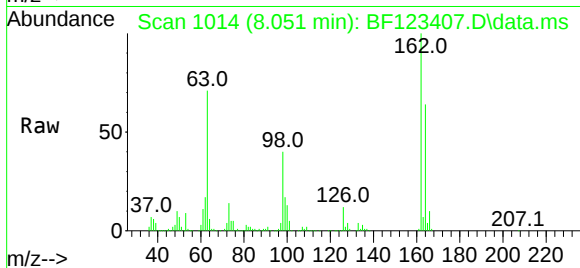
Tgt Ion:162 Resp: 607955

Ion Ratio Lower Upper

162 100

164 63.8 43.2 83.2

98 39.6 15.2 55.2



#30

1,2,4-Trichlorobenzene

Concen: 41.30 ng

RT: 8.139 min Scan# 1029

Delta R.T. -0.000 min

Lab File: BF123407.D

Acq: 23 Mar 2021 17:08

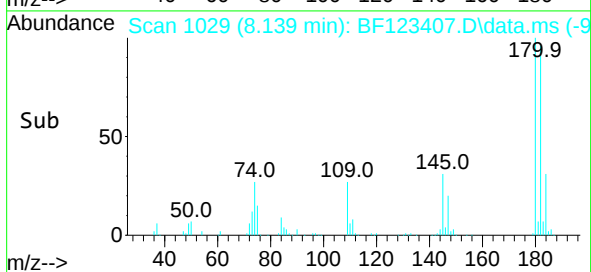
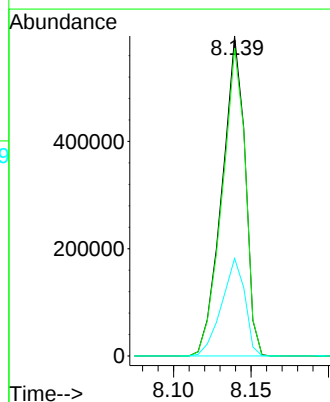
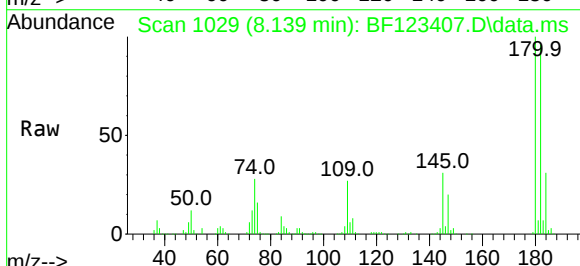
Tgt Ion:180 Resp: 617997

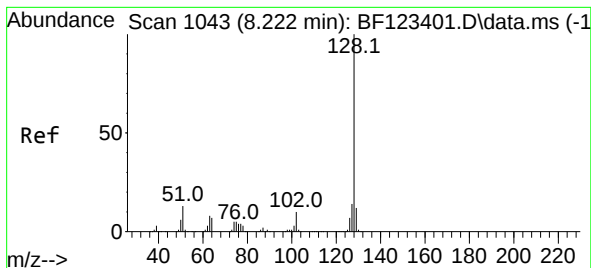
Ion Ratio Lower Upper

180 100

182 96.2 75.7 113.5

145 30.5 25.0 37.4

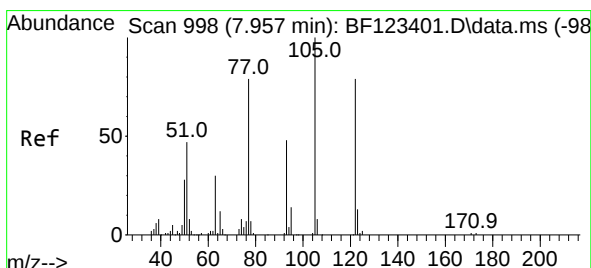
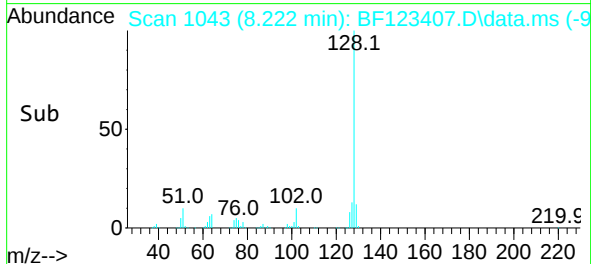
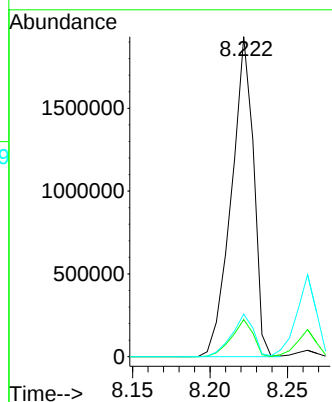
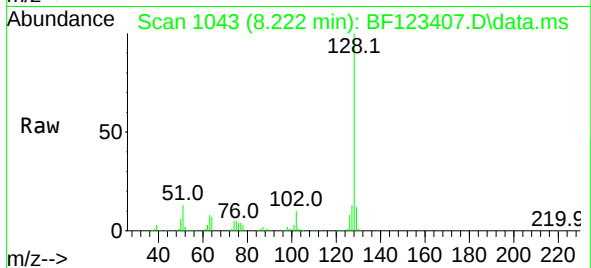




#31
Naphthalene
Concen: 41.55 ng
RT: 8.222 min Scan# 1043
Delta R.T. -0.000 min
Lab File: BF123407.D
Acq: 23 Mar 2021 17:08

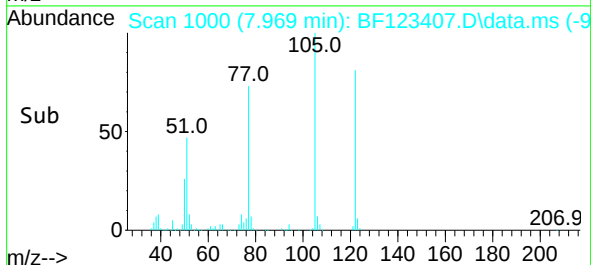
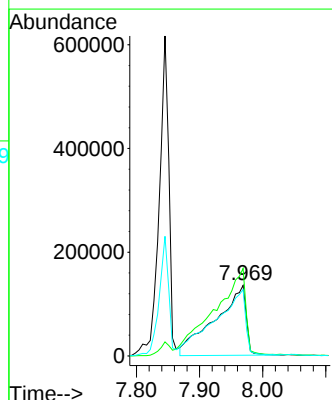
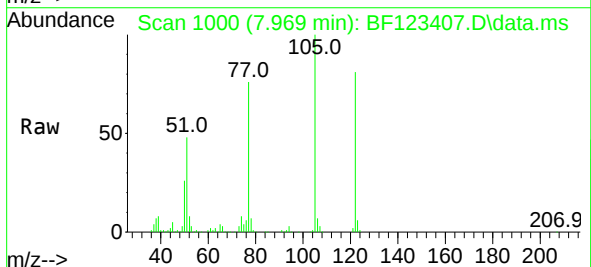
Instrument :
BNA_F
ClientSampleId :
PB135297BS

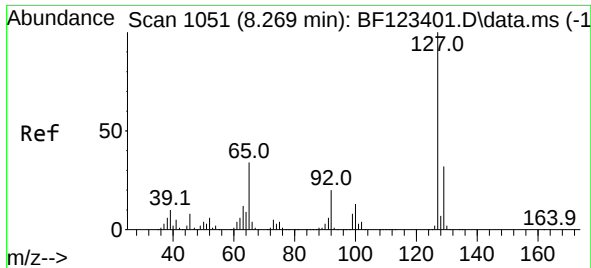
Tgt Ion:128 Resp: 1917343
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.6
127 13.3 10.7 16.1



#32
Benzoic acid
Concen: 55.15 ng
RT: 7.969 min Scan# 1000
Delta R.T. 0.012 min
Lab File: BF123407.D
Acq: 23 Mar 2021 17:08

Tgt Ion:122 Resp: 454754
Ion Ratio Lower Upper
122 100
105 124.0 104.8 144.8
77 94.1 71.0 111.0

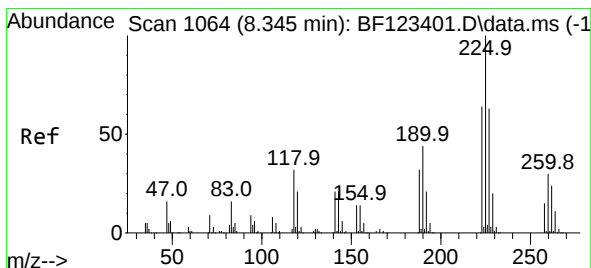
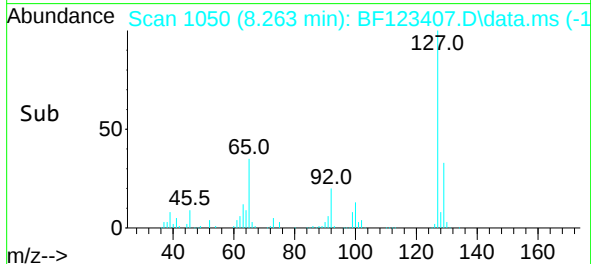
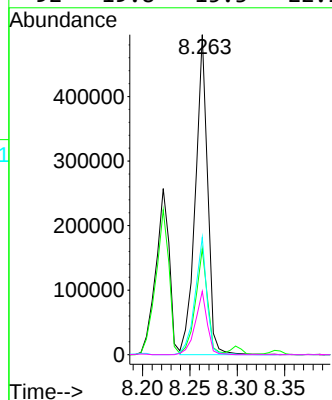
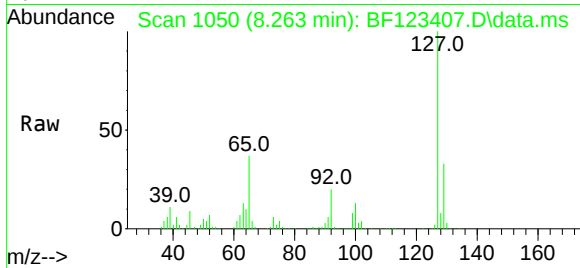




#33
4-Chloroaniline
Concen: 23.55 ng
RT: 8.263 min Scan# 1050
Delta R.T. -0.006 min
Lab File: BF123407.D
Acq: 23 Mar 2021 17:08

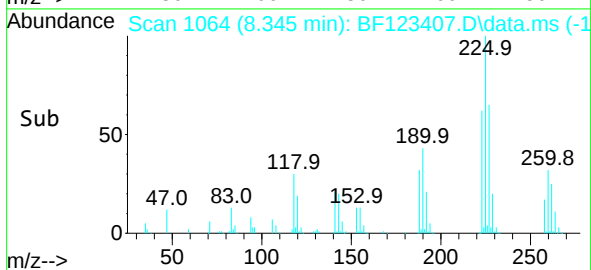
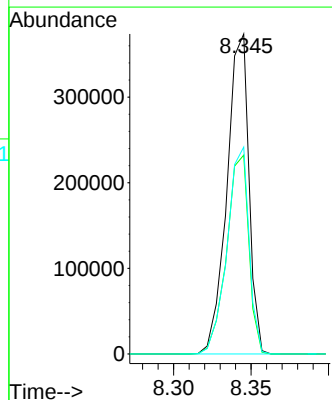
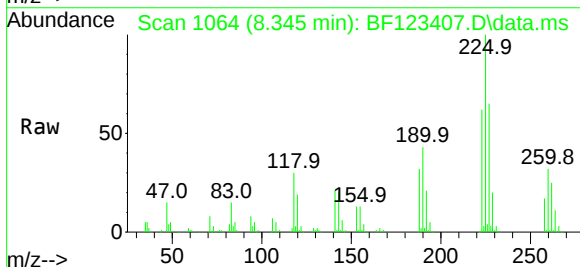
Instrument :
BNA_F
ClientSampleId :
PB135297BS

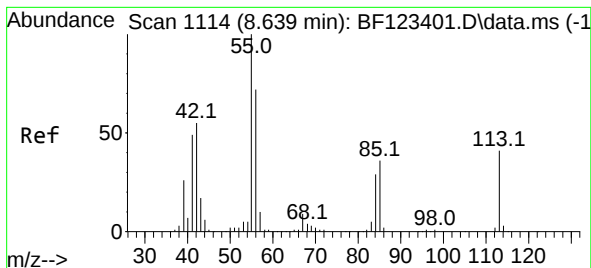
Tgt Ion:	127	Resp:	445870
Ion Ratio	Lower	Upper	
127	100		
129	33.1	26.2	39.2
65	36.6	22.2	33.2#
92	19.8	15.3	22.9



#34
Hexachlorobutadiene
Concen: 40.39 ng
RT: 8.345 min Scan# 1064
Delta R.T. -0.000 min
Lab File: BF123407.D
Acq: 23 Mar 2021 17:08

Tgt Ion:	225	Resp:	368642
Ion Ratio	Lower	Upper	
225	100		
223	62.2	50.7	76.1
227	64.6	51.7	77.5

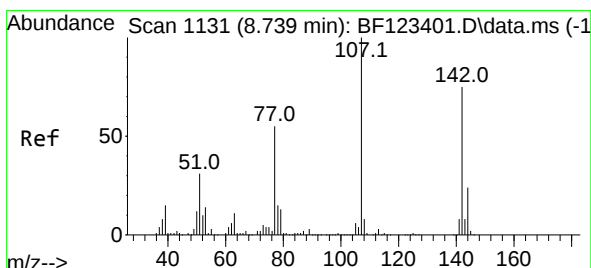
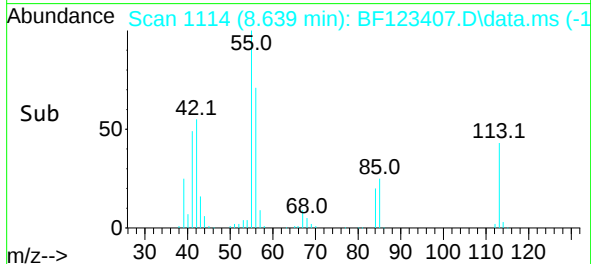
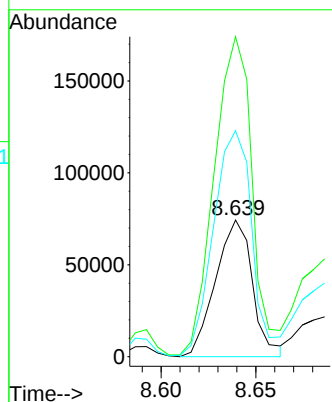
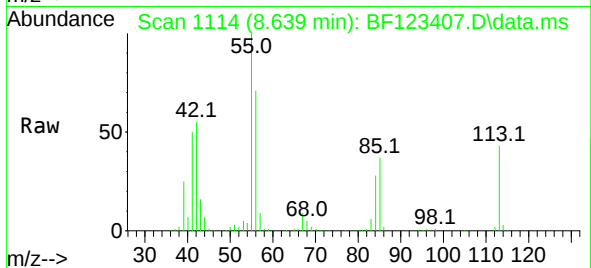




#35
 Caprolactam
 Concen: 24.44 ng
 RT: 8.639 min Scan# 1114
 Delta R.T. -0.000 min
 Lab File: BF123407.D
 Acq: 23 Mar 2021 17:08

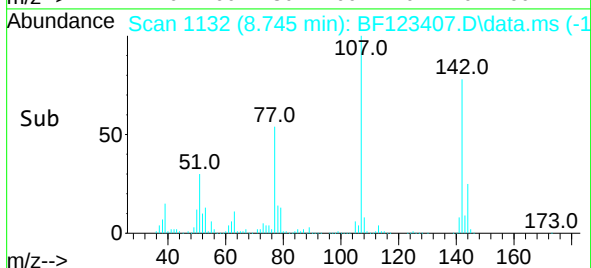
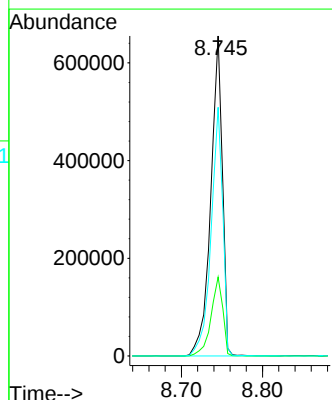
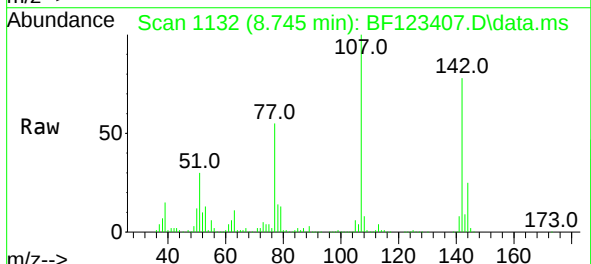
Instrument :
 BNA_F
 ClientSampleId :
 PB135297BS

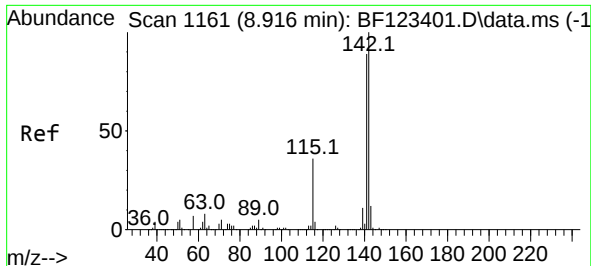
Tgt Ion:113 Resp: 100821
 Ion Ratio Lower Upper
 113 100
 55 234.1 133.7 173.7#
 56 165.3 95.3 135.3#



#36
 4-Chloro-3-methylphenol
 Concen: 45.30 ng
 RT: 8.745 min Scan# 1132
 Delta R.T. 0.006 min
 Lab File: BF123407.D
 Acq: 23 Mar 2021 17:08

Tgt Ion:107 Resp: 652101
 Ion Ratio Lower Upper
 107 100
 144 24.7 20.2 30.2
 142 77.7 64.4 96.6

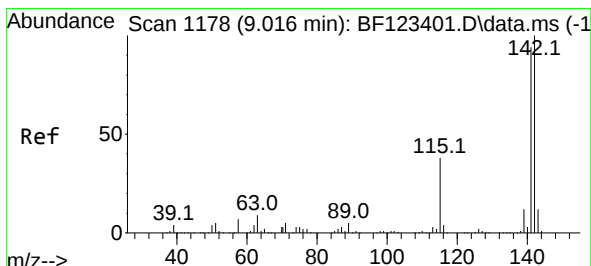
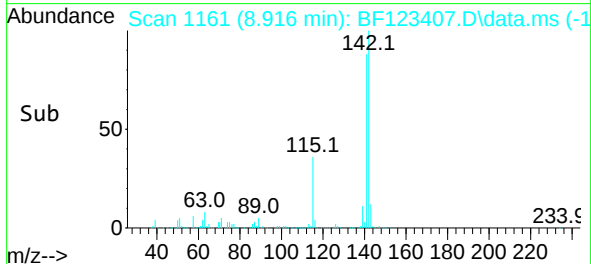
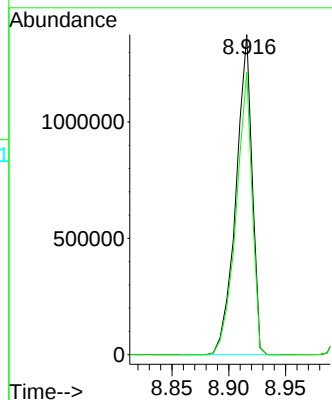
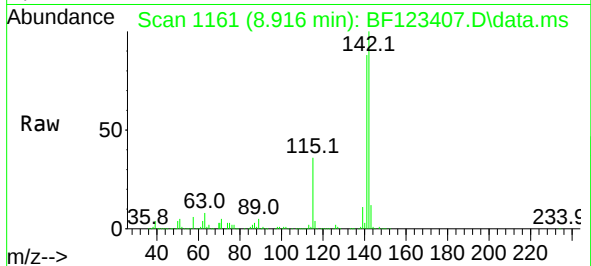




#37
2-Methylnaphthalene
Concen: 42.96 ng
RT: 8.916 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BF123407.D
Acq: 23 Mar 2021 17:08

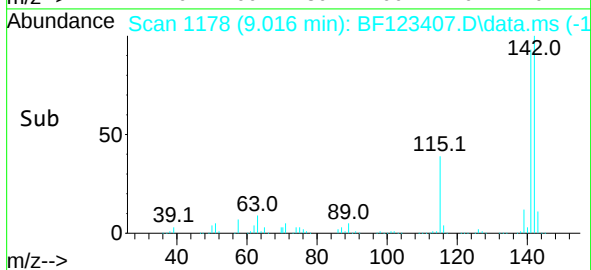
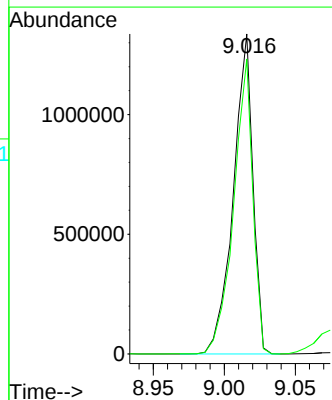
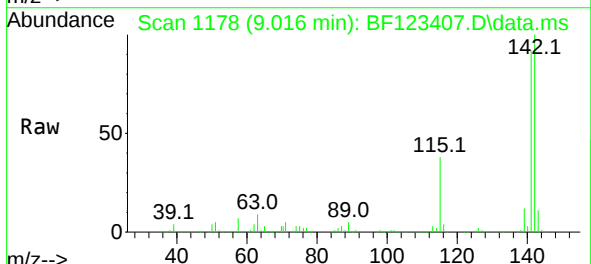
Instrument :
BNA_F
ClientSampleId :
PB135297BS

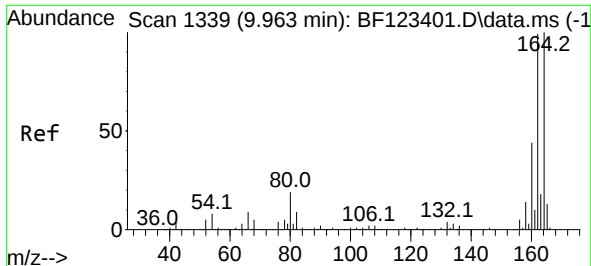
Tgt Ion:142 Resp: 1358782
Ion Ratio Lower Upper
142 100
141 88.4 70.6 106.0



#38
1-Methylnaphthalene
Concen: 43.14 ng
RT: 9.016 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BF123407.D
Acq: 23 Mar 2021 17:08

Tgt Ion:142 Resp: 1280942
Ion Ratio Lower Upper
142 100
141 92.2 74.5 111.7





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.963 min Scan# 1339

Delta R.T. -0.000 min

Lab File: BF123407.D

Acq: 23 Mar 2021 17:08

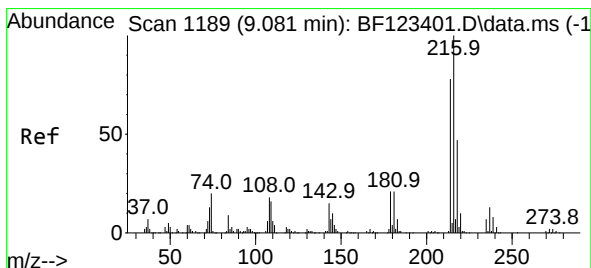
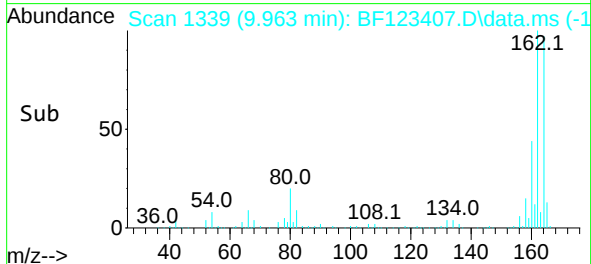
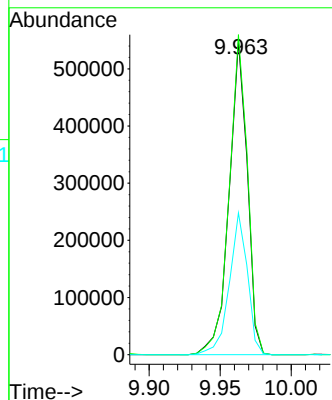
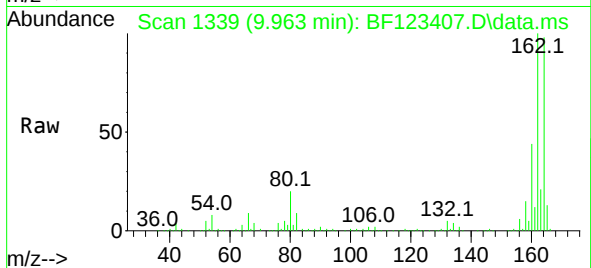
Tgt Ion:164 Resp: 488729

Ion Ratio Lower Upper

164 100

162 102.1 80.8 121.2

160 45.2 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.17 ng

RT: 9.080 min Scan# 1189

Delta R.T. -0.000 min

Lab File: BF123407.D

Acq: 23 Mar 2021 17:08

Tgt Ion:216 Resp: 584162

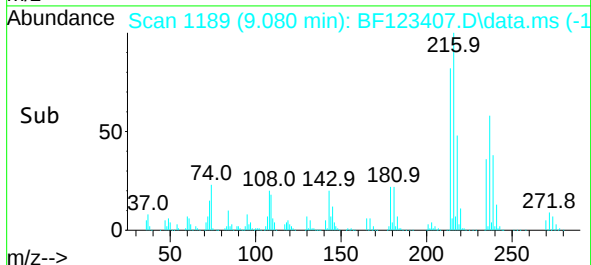
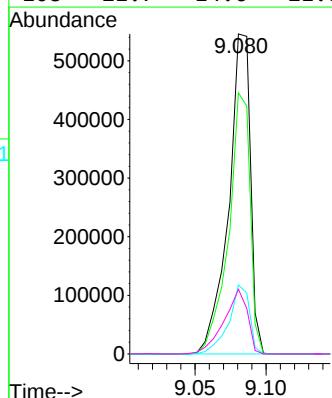
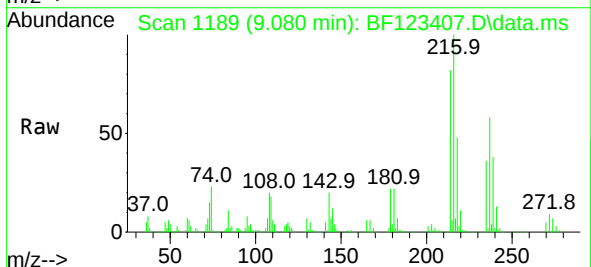
Ion Ratio Lower Upper

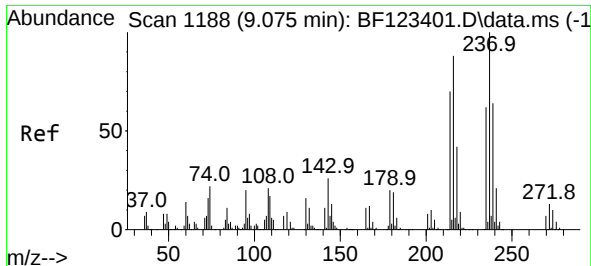
216 100

214 79.9 63.1 94.7

179 20.5 17.1 25.7

108 21.7 14.6 21.8

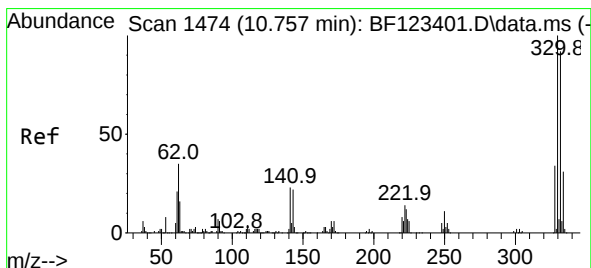
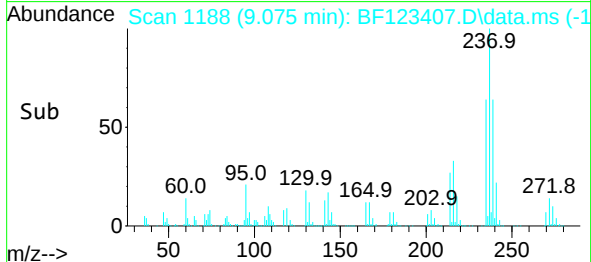
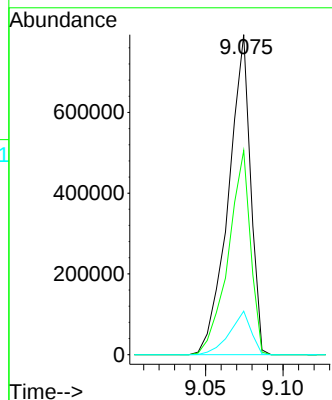
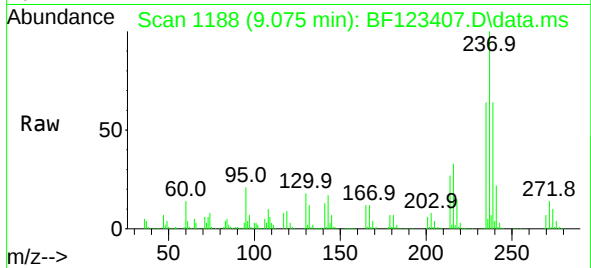




#41
Hexachlorocyclopentadiene
Concen: 96.93 ng
RT: 9.075 min Scan# 1188
Delta R.T. -0.000 min
Lab File: BF123407.D
Acq: 23 Mar 2021 17:08

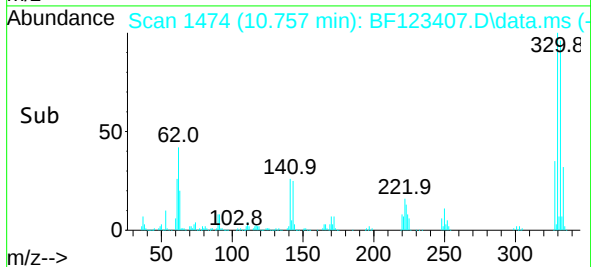
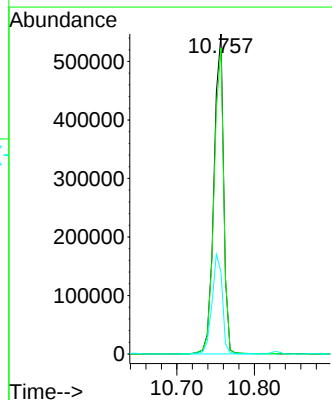
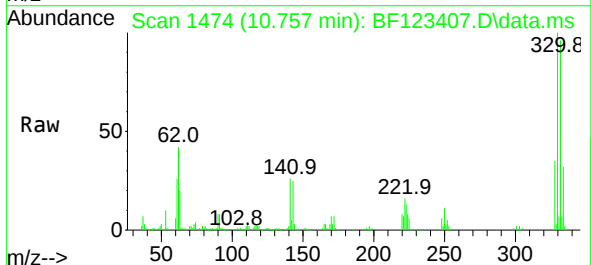
Instrument :
BNA_F
ClientSampleId :
PB135297BS

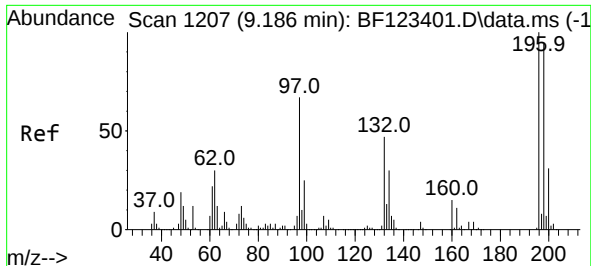
Tgt Ion:237 Resp: 787058
Ion Ratio Lower Upper
237 100
235 63.8 40.9 80.9
272 13.6 0.0 33.4



#42
2,4,6-Tribromophenol
Concen: 87.02 ng
RT: 10.757 min Scan# 1474
Delta R.T. -0.000 min
Lab File: BF123407.D
Acq: 23 Mar 2021 17:08

Tgt Ion:330 Resp: 475454
Ion Ratio Lower Upper
330 100
332 95.7 77.5 116.3
141 33.1 23.8 35.8

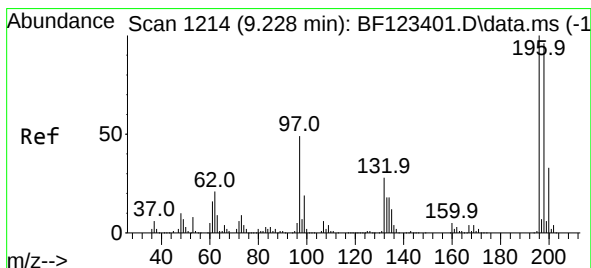
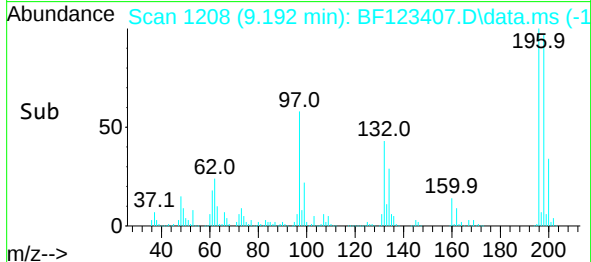
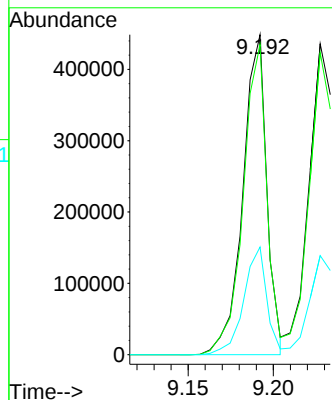
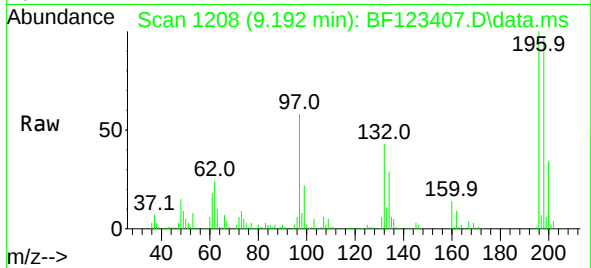




#43
2,4,6-Trichlorophenol
Concen: 43.11 ng
RT: 9.192 min Scan# 1208
Delta R.T. 0.006 min
Lab File: BF123407.D
Acq: 23 Mar 2021 17:08

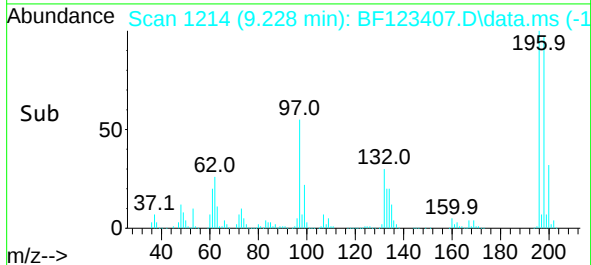
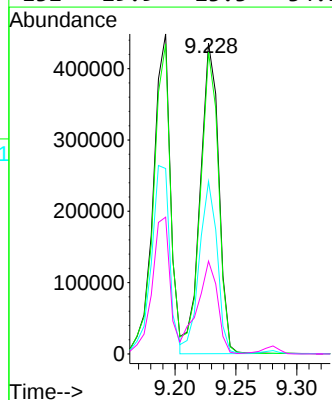
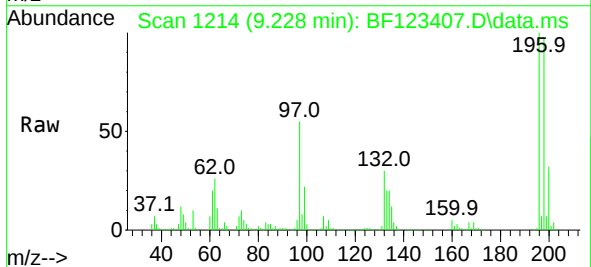
Instrument :
BNA_F
ClientSampleId :
PB135297BS

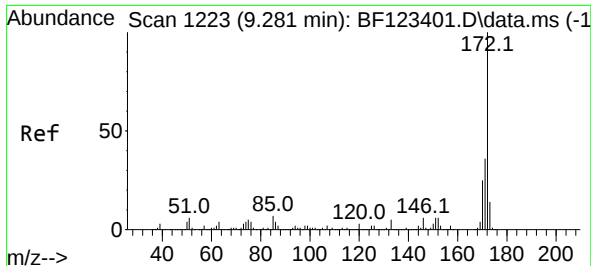
Tgt Ion:196 Resp: 438931
Ion Ratio Lower Upper
196 100
198 96.9 75.1 112.7
200 33.7 23.7 35.5



#44
2,4,5-Trichlorophenol
Concen: 42.75 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.000 min
Lab File: BF123407.D
Acq: 23 Mar 2021 17:08

Tgt Ion:196 Resp: 457484
Ion Ratio Lower Upper
196 100
198 97.1 76.5 114.7
97 55.5 40.1 60.1
132 29.9 23.3 34.9

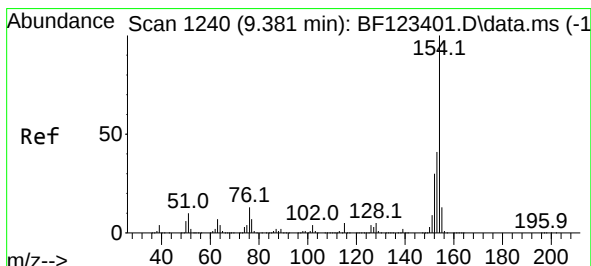
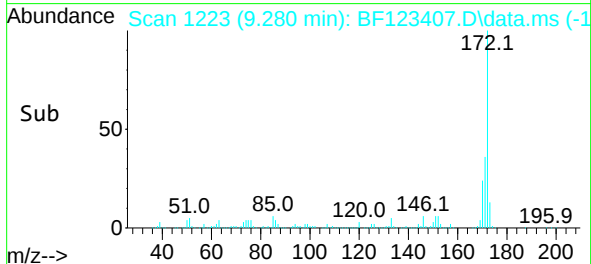
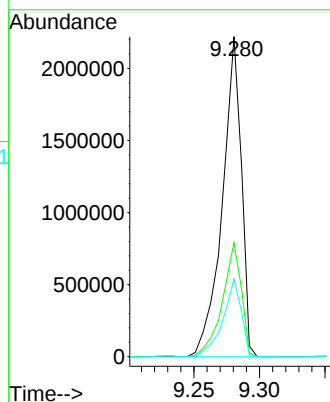
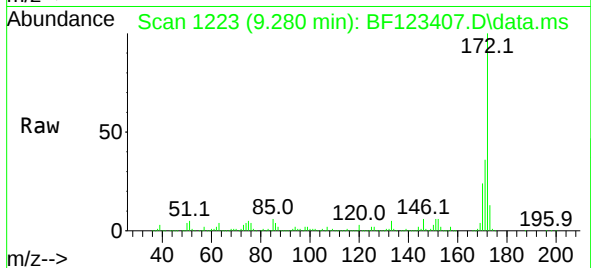




#45
2-Fluorobiphenyl
Concen: 65.23 ng
RT: 9.280 min Scan# 1223
Delta R.T. -0.001 min
Lab File: BF123407.D
Acq: 23 Mar 2021 17:08

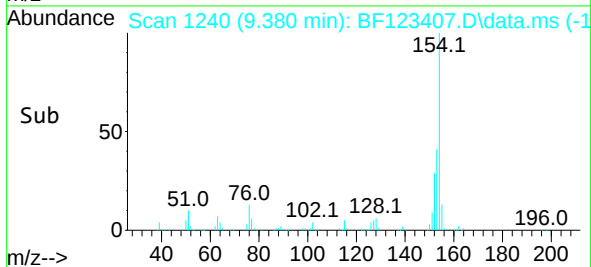
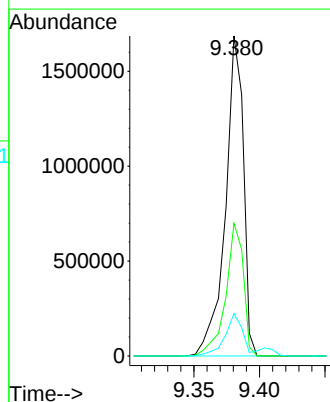
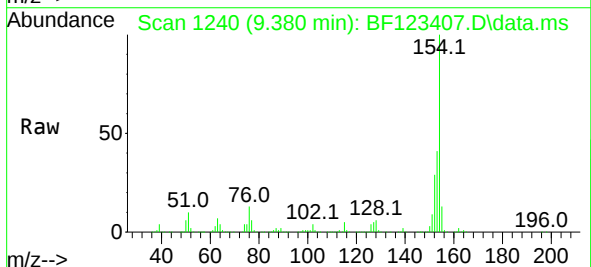
Instrument :
BNA_F
ClientSampleId :
PB135297BS

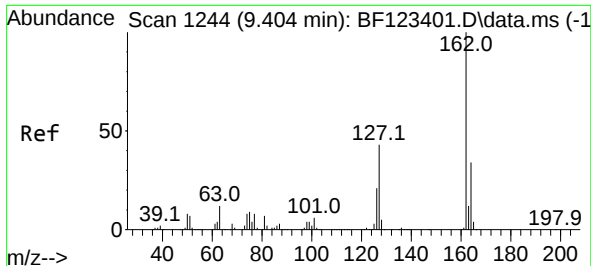
Tgt Ion:172 Resp: 2231595
Ion Ratio Lower Upper
172 100
171 35.6 29.6 44.4
170 24.3 19.5 29.3



#46
1,1'-Biphenyl
Concen: 42.56 ng
RT: 9.380 min Scan# 1240
Delta R.T. -0.000 min
Lab File: BF123407.D
Acq: 23 Mar 2021 17:08

Tgt Ion:154 Resp: 1603047
Ion Ratio Lower Upper
154 100
153 41.4 21.8 61.8
76 13.3 0.0 33.4

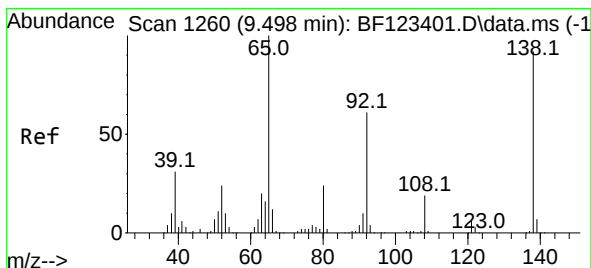
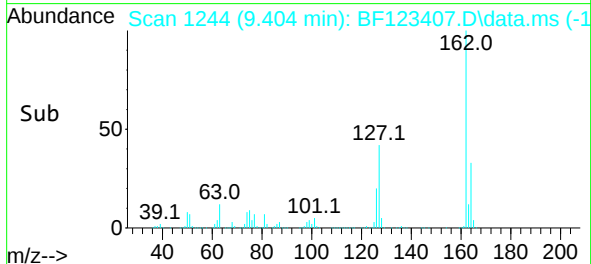
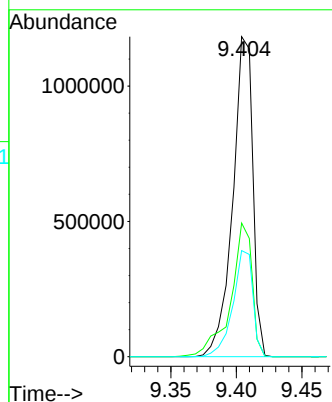
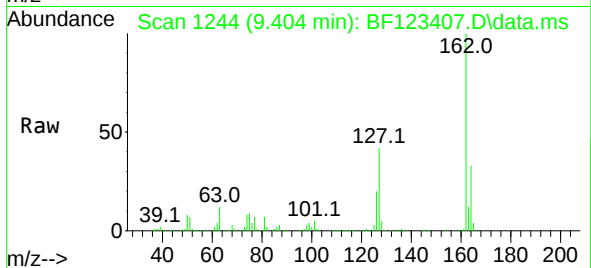




#47
2-Chloronaphthalene
Concen: 40.98 ng
RT: 9.404 min Scan# 1244
Delta R.T. -0.000 min
Lab File: BF123407.D
Acq: 23 Mar 2021 17:08

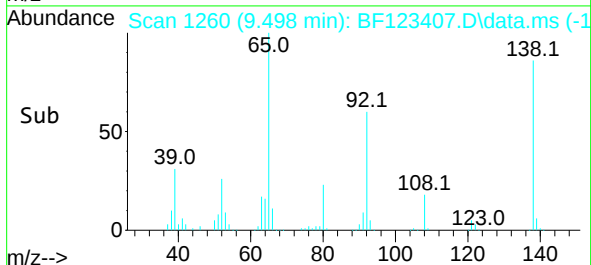
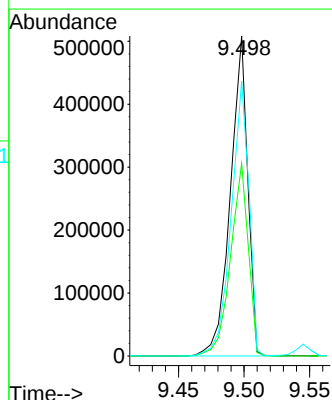
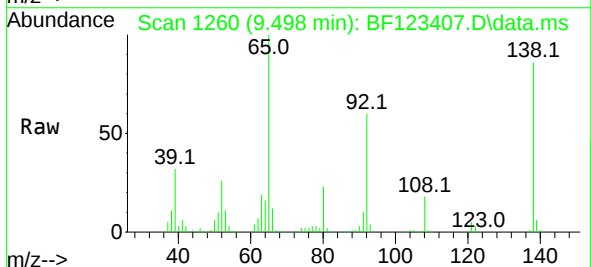
Instrument :
BNA_F
ClientSampled :
PB135297BS

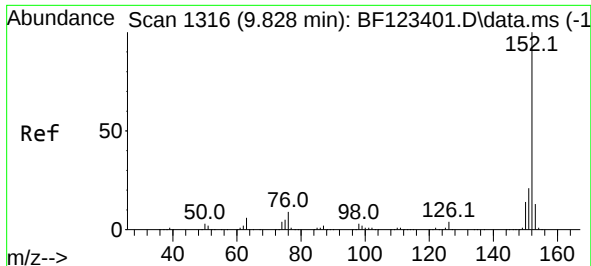
Tgt Ion:162 Resp: 1259222
Ion Ratio Lower Upper
162 100
127 41.7 33.8 50.8
164 33.2 26.5 39.7



#48
2-Nitroaniline
Concen: 50.27 ng
RT: 9.498 min Scan# 1260
Delta R.T. -0.000 min
Lab File: BF123407.D
Acq: 23 Mar 2021 17:08

Tgt Ion: 65 Resp: 468749
Ion Ratio Lower Upper
65 100
92 60.2 60.0 90.0
138 85.9 100.6 151.0#





#49

Acenaphthylene

Concen: 41.66 ng

RT: 9.827 min Scan# 1316

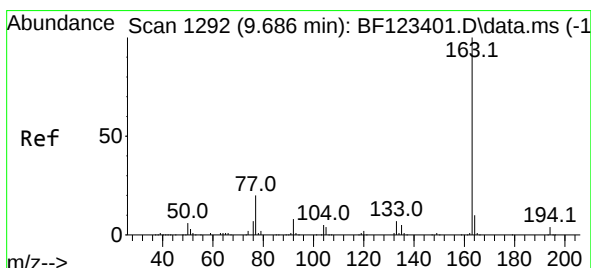
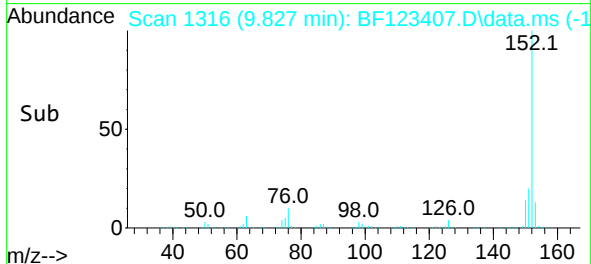
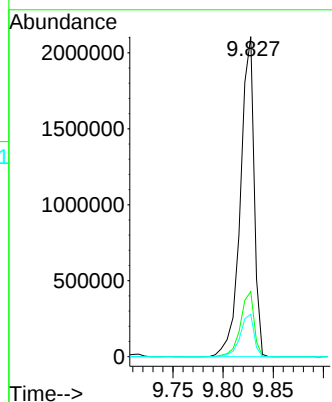
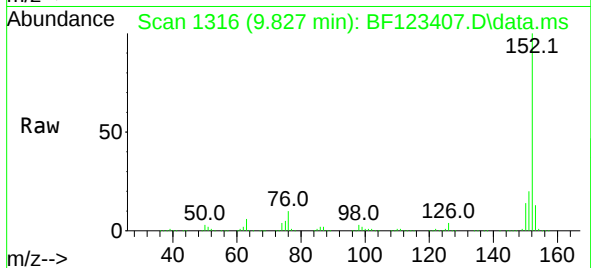
Delta R.T. -0.000 min

Lab File: BF123407.D

Acq: 23 Mar 2021 17:08

Tgt Ion:152 Resp: 2002175

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.6	25.0
153	13.3	10.9	16.3



#50

Dimethylphthalate

Concen: 44.01 ng

RT: 9.686 min Scan# 1292

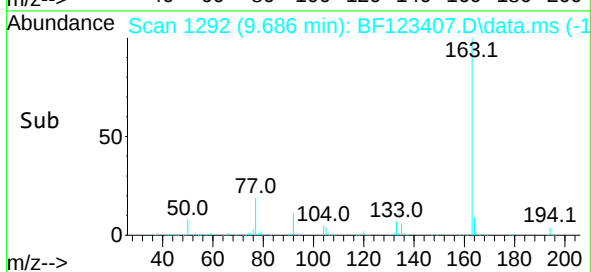
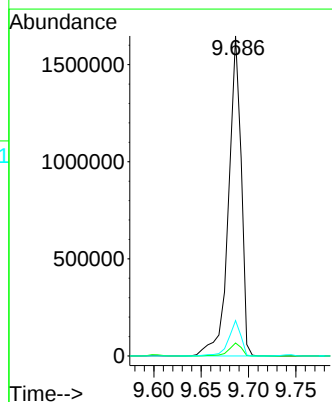
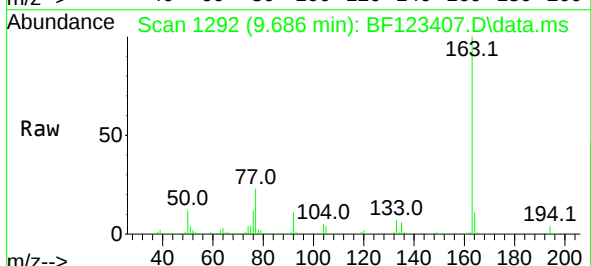
Delta R.T. -0.000 min

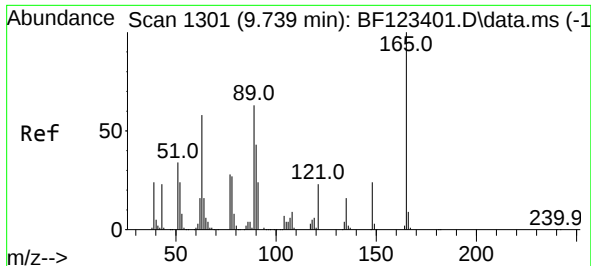
Lab File: BF123407.D

Acq: 23 Mar 2021 17:08

Tgt Ion:163 Resp: 1527575

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	11.1	8.1	12.1

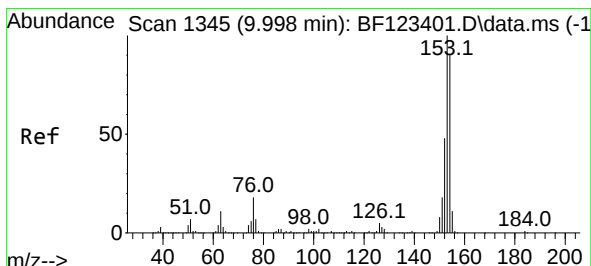
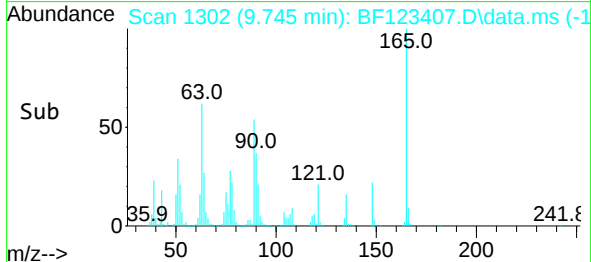
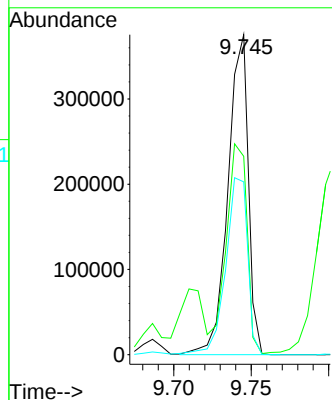
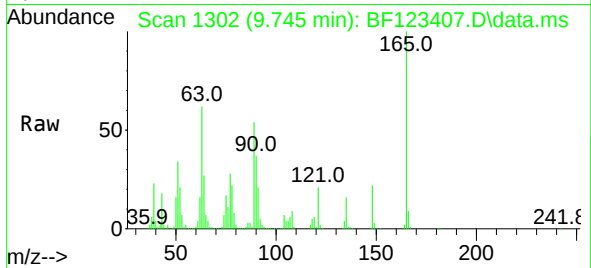




#51
2,6-Dinitrotoluene
Concen: 47.32 ng
RT: 9.745 min Scan# 1302
Delta R.T. 0.006 min
Lab File: BF123407.D
Acq: 23 Mar 2021 17:08

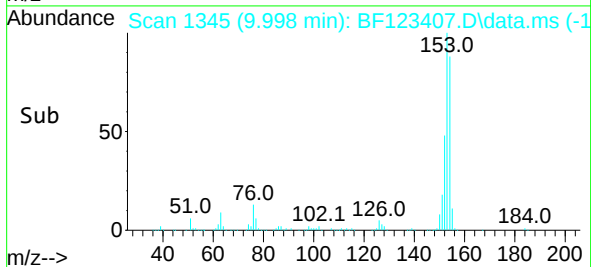
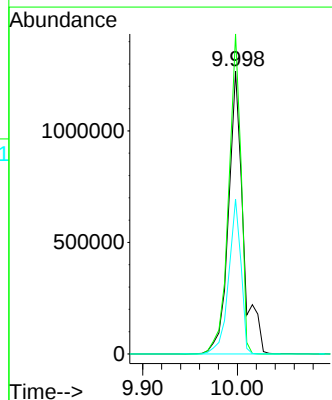
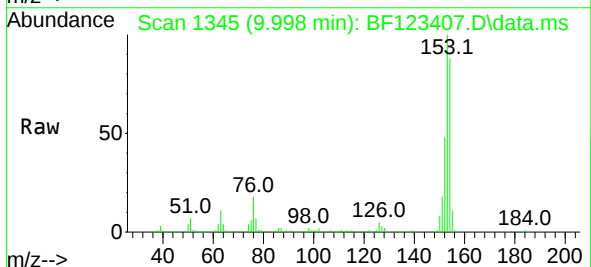
Instrument :
BNA_F
ClientSampleId :
PB135297BS

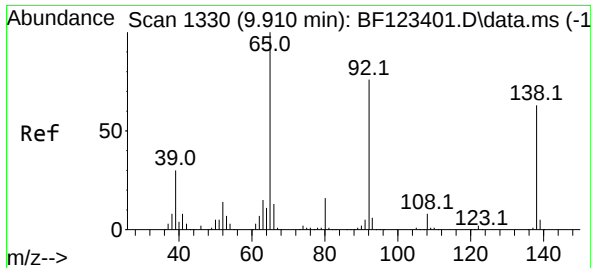
Tgt Ion:165 Resp: 343098
Ion Ratio Lower Upper
165 100
63 62.0 36.6 55.0#
89 54.0 39.4 59.0



#52
Acenaphthene
Concen: 45.68 ng
RT: 9.998 min Scan# 1345
Delta R.T. -0.000 min
Lab File: BF123407.D
Acq: 23 Mar 2021 17:08

Tgt Ion:154 Resp: 1370339
Ion Ratio Lower Upper
154 100
153 113.2 89.0 133.6
152 54.8 42.7 64.1

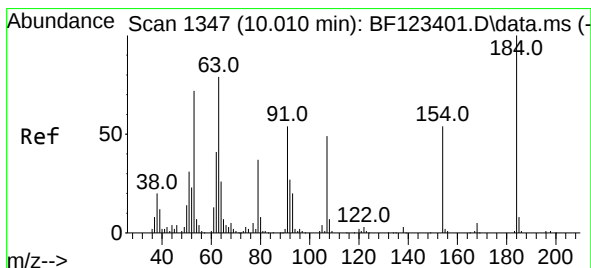
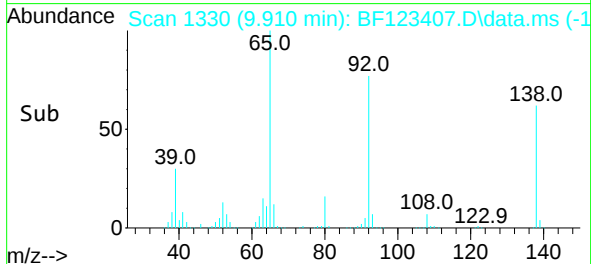
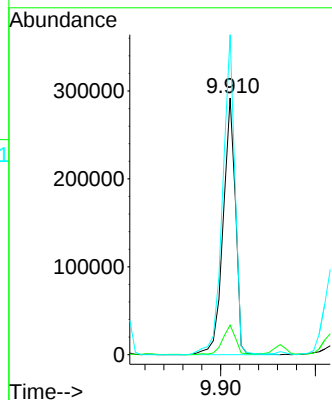
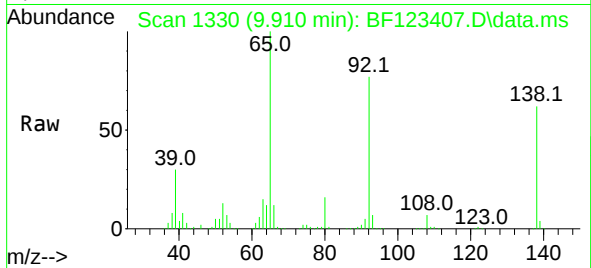




#53
3-Nitroaniline
Concen: 34.63 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.000 min
Lab File: BF123407.D
Acq: 23 Mar 2021 17:08

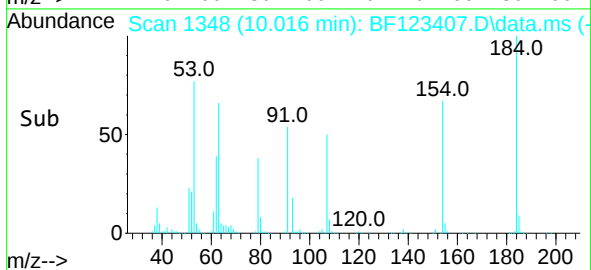
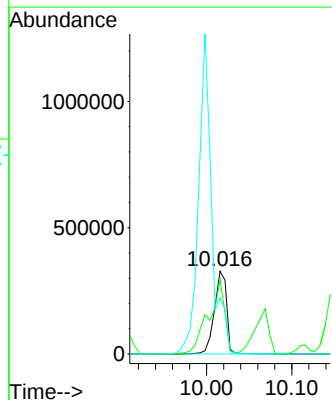
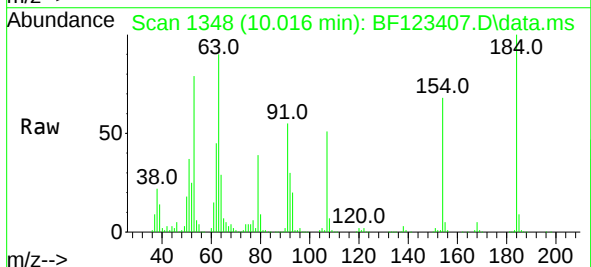
Instrument :
BNA_F
ClientSampleId :
PB135297BS

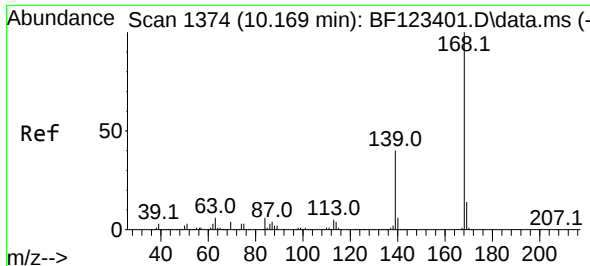
Tgt Ion:138 Resp: 265216
Ion Ratio Lower Upper
138 100
108 11.5 8.2 12.2
92 124.7 85.4 128.2



#54
2,4-Dinitrophenol
Concen: 92.92 ng
RT: 10.016 min Scan# 1348
Delta R.T. 0.006 min
Lab File: BF123407.D
Acq: 23 Mar 2021 17:08

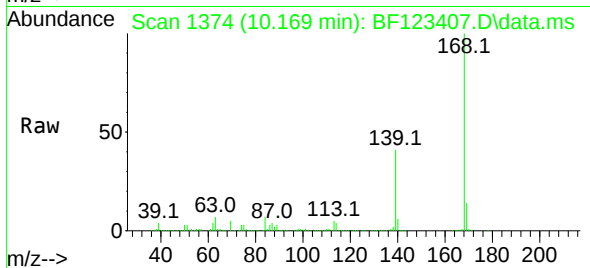
Tgt Ion:184 Resp: 326016
Ion Ratio Lower Upper
184 100
63 89.9 51.4 77.2#
154 67.5 49.7 74.5



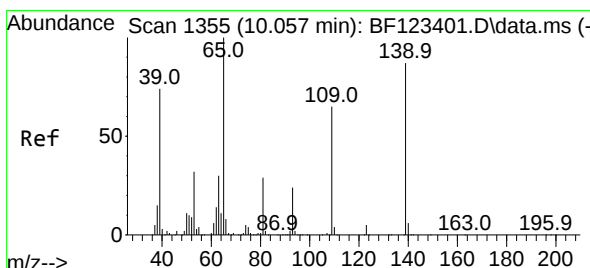
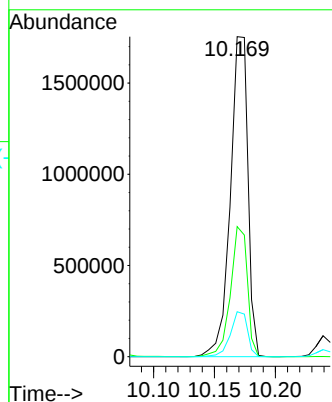
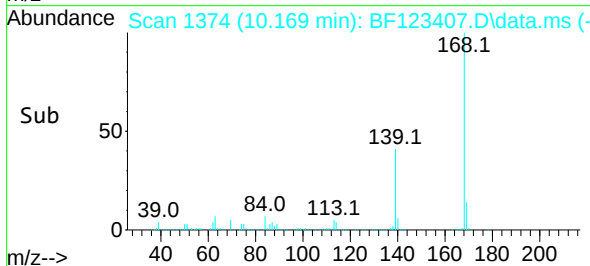


#55
Dibenzenofuran
Concen: 40.87 ng
RT: 10.169 min Scan# 1374
Delta R.T. -0.000 min
Lab File: BF123407.D
Acq: 23 Mar 2021 17:08

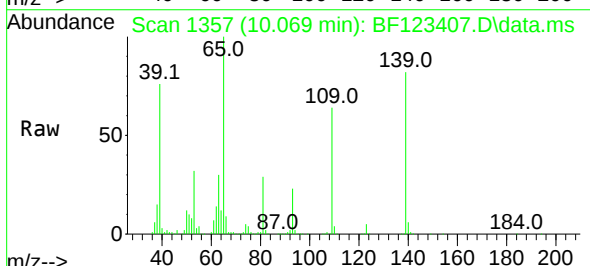
Instrument :
BNA_F
ClientSampleId :
PB135297BS



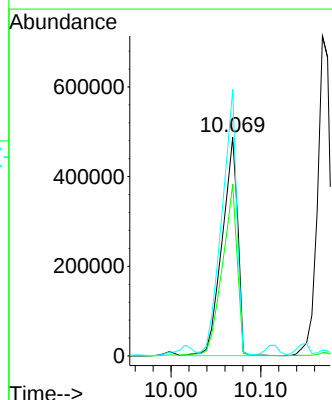
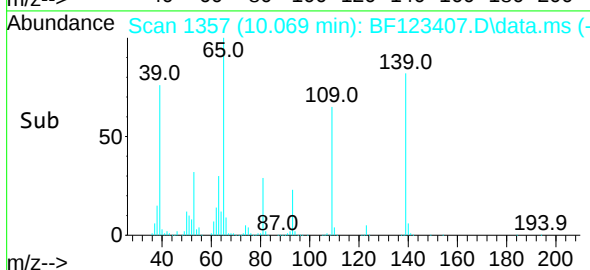
Tgt Ion:168 Resp: 1762633
Ion Ratio Lower Upper
168 100
139 40.7 31.3 46.9
169 14.1 11.2 16.8

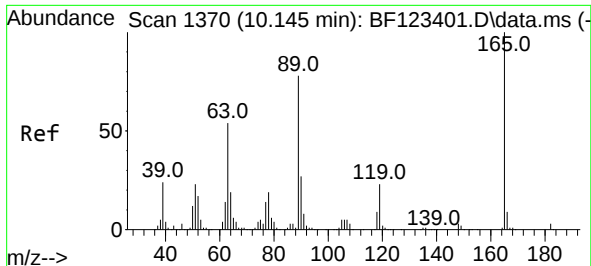


#56
4-Nitrophenol
Concen: 95.00 ng
RT: 10.069 min Scan# 1357
Delta R.T. 0.012 min
Lab File: BF123407.D
Acq: 23 Mar 2021 17:08



Tgt Ion:139 Resp: 586741
Ion Ratio Lower Upper
139 100
109 78.6 45.1 85.1
65 121.9 59.2 99.2#

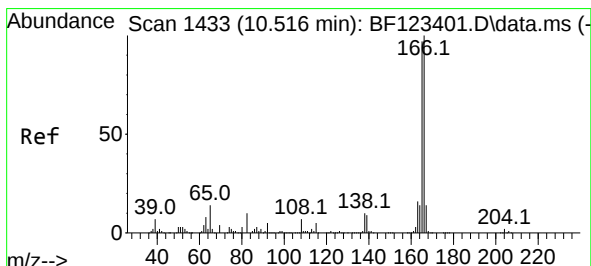
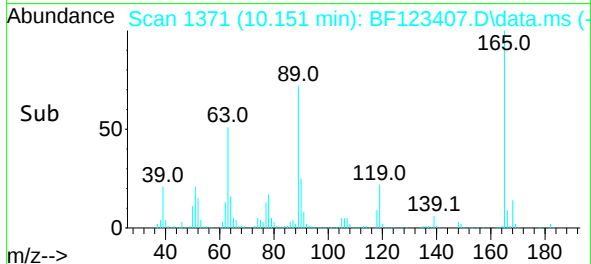
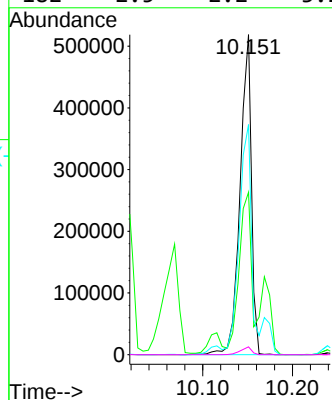
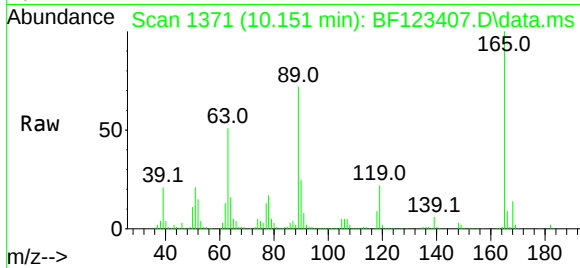




#57
2,4-Dinitrotoluene
Concen: 50.37 ng
RT: 10.151 min Scan# 1371
Delta R.T. 0.006 min
Lab File: BF123407.D
Acq: 23 Mar 2021 17:08

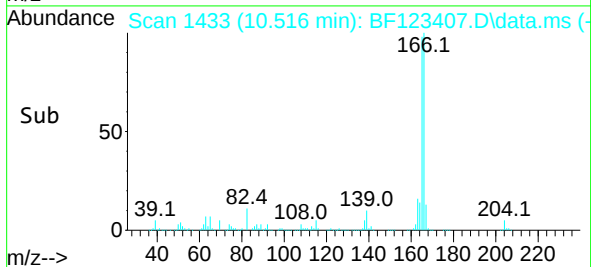
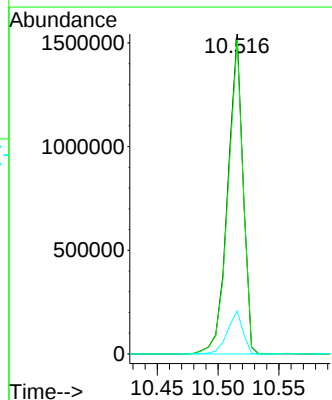
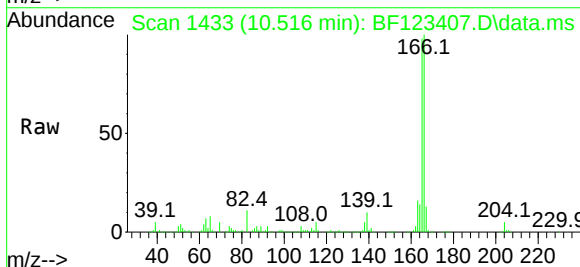
Instrument :
BNA_F
ClientSampleId :
PB135297BS

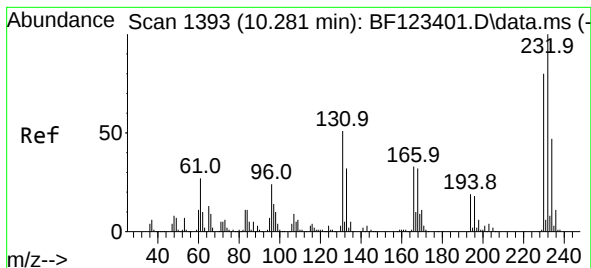
Tgt Ion:165 Resp: 455847
Ion Ratio Lower Upper
165 100
63 50.7 34.3 51.5
89 71.9 55.2 82.8
182 2.5 2.2 3.2



#58
Fluorene
Concen: 41.04 ng
RT: 10.516 min Scan# 1433
Delta R.T. -0.000 min
Lab File: BF123407.D
Acq: 23 Mar 2021 17:08

Tgt Ion:166 Resp: 1336355
Ion Ratio Lower Upper
166 100
165 98.2 79.4 119.0
167 13.4 10.9 16.3

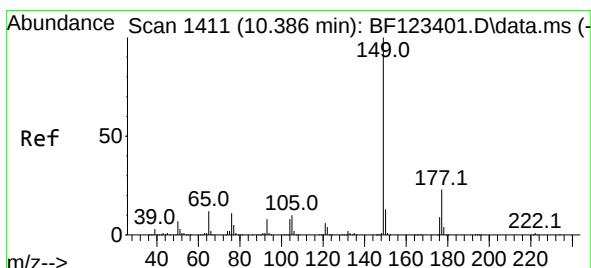
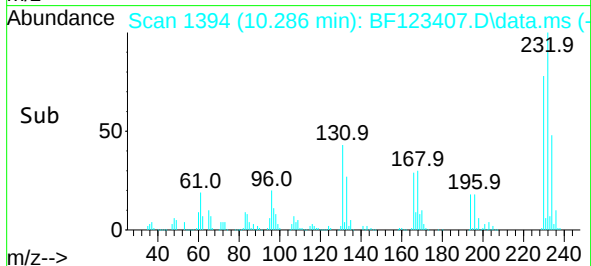
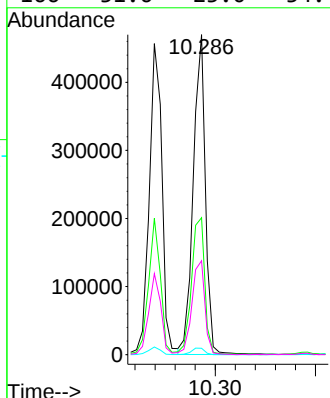
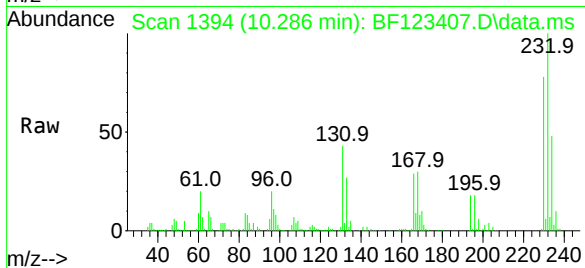




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.31 ng
RT: 10.286 min Scan# 1394
Delta R.T. 0.006 min
Lab File: BF123407.D
Acq: 23 Mar 2021 17:08

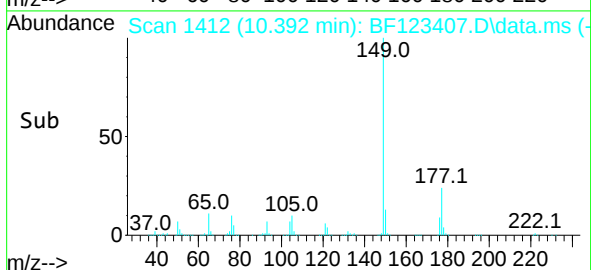
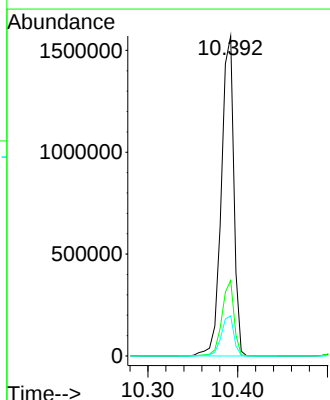
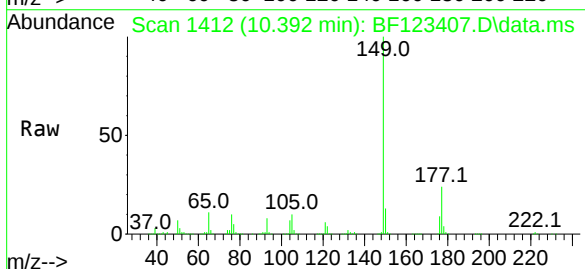
Instrument :
BNA_F
ClientSampleId :
PB135297BS

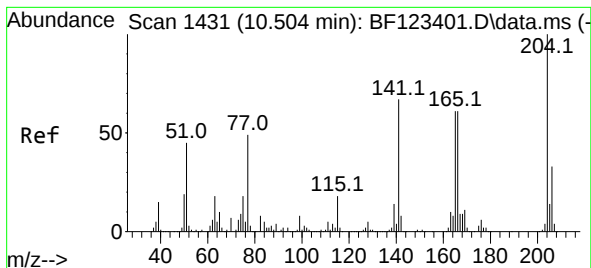
Tgt Ion:232 Resp: 395761
Ion Ratio Lower Upper
232 100
131 47.3 33.0 49.4
130 2.3 1.7 2.5
166 31.6 23.0 34.4



#60
Diethylphthalate
Concen: 44.85 ng
RT: 10.392 min Scan# 1412
Delta R.T. 0.006 min
Lab File: BF123407.D
Acq: 23 Mar 2021 17:08

Tgt Ion:149 Resp: 1519862
Ion Ratio Lower Upper
149 100
177 23.6 18.2 27.4
150 12.6 10.1 15.1

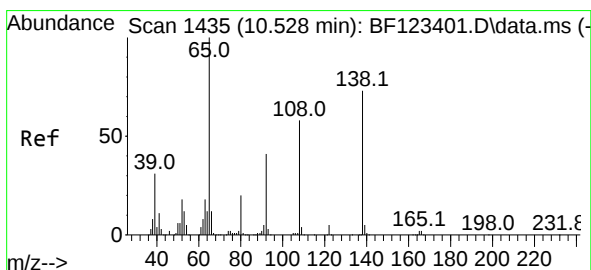
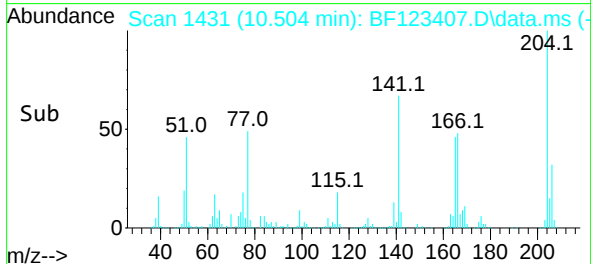
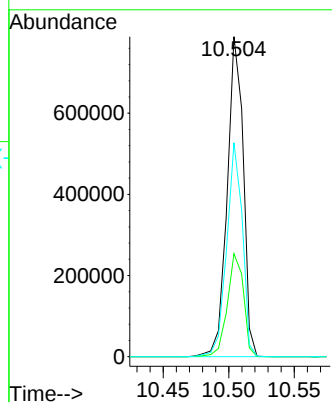
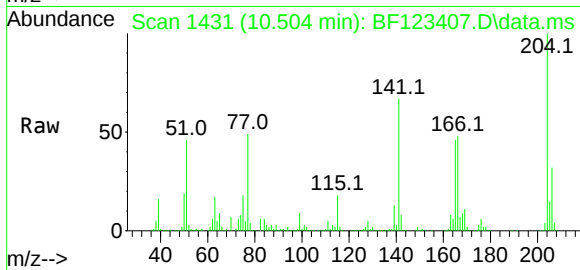




#61
4-Chlorophenyl-phenylether
Concen: 42.16 ng
RT: 10.504 min Scan# 1431
Delta R.T. -0.000 min
Lab File: BF123407.D
Acq: 23 Mar 2021 17:08

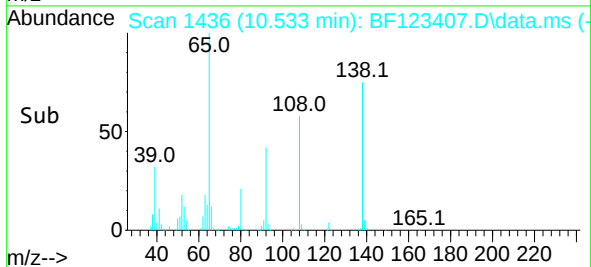
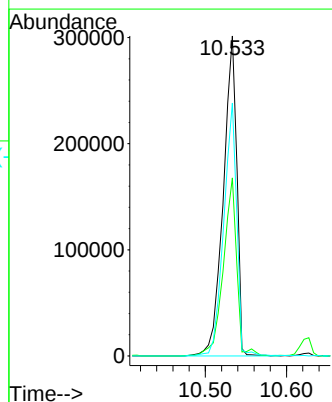
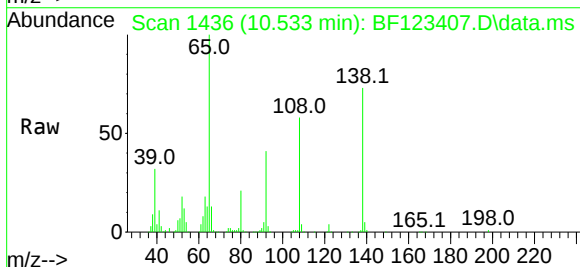
Instrument :
BNA_F
ClientSampleId :
PB135297BS

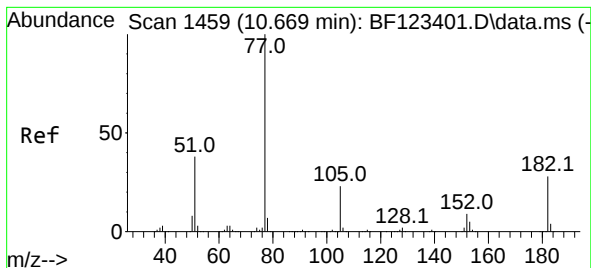
Tgt Ion:204 Resp: 670935
Ion Ratio Lower Upper
204 100
206 32.2 27.0 40.4
141 66.8 50.4 75.6



#62
4-Nitroaniline
Concen: 48.25 ng
RT: 10.533 min Scan# 1436
Delta R.T. 0.006 min
Lab File: BF123407.D
Acq: 23 Mar 2021 17:08

Tgt Ion:138 Resp: 350185
Ion Ratio Lower Upper
138 100
92 55.6 31.0 71.0
108 79.0 54.8 94.8



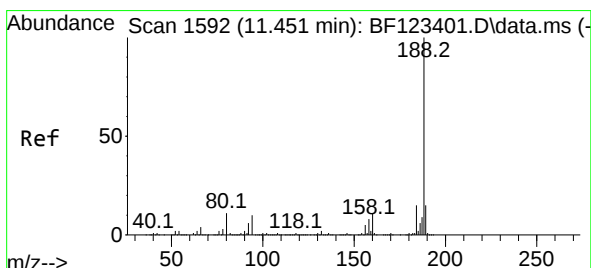
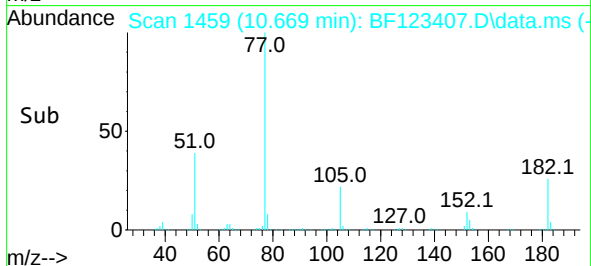
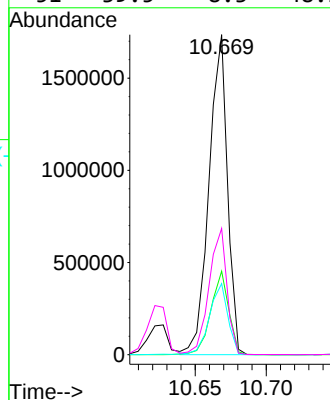
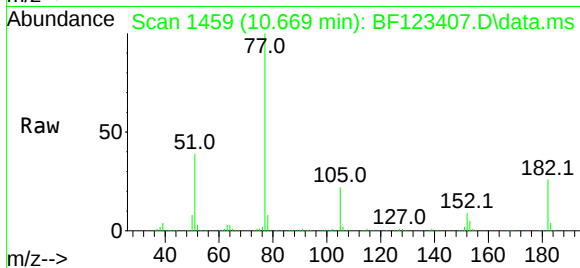


#63
Azobenzene
Concen: 42.05 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.000 min
Lab File: BF123407.D
Acq: 23 Mar 2021 17:08

Instrument :
BNA_F
ClientSampleId :
PB135297BS

Tgt Ion: 77 Resp: 1568013

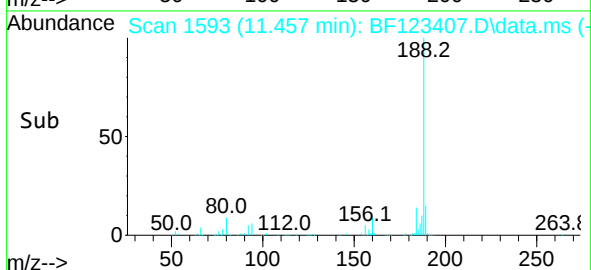
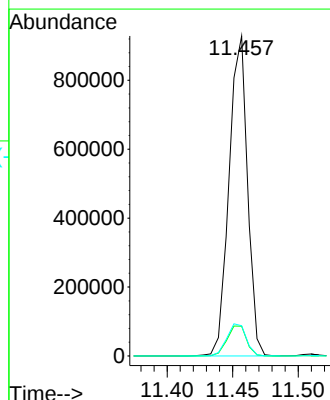
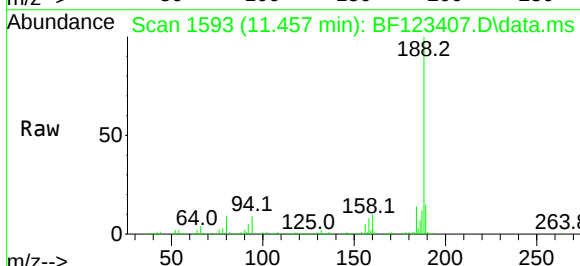
Ion	Ratio	Lower	Upper
77	100		
182	26.1	5.6	45.6
105	22.2	1.8	41.8
51	39.5	8.3	48.3

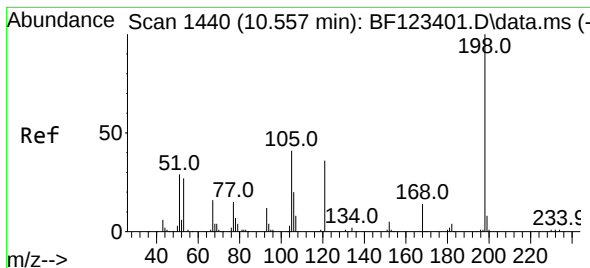


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.457 min Scan# 1593
Delta R.T. 0.006 min
Lab File: BF123407.D
Acq: 23 Mar 2021 17:08

Tgt Ion: 188 Resp: 909800

Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.4	11.2
80	9.4	8.2	12.4

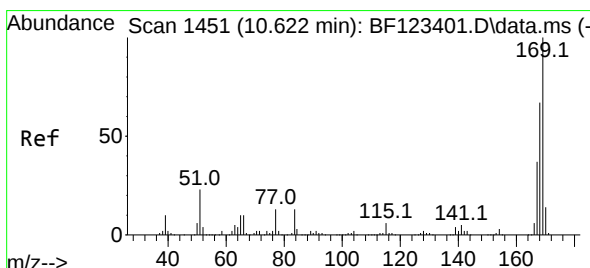
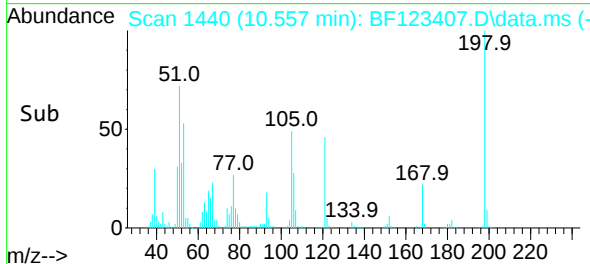
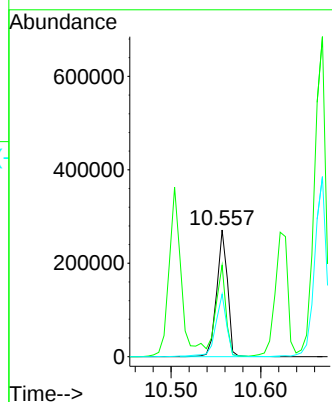
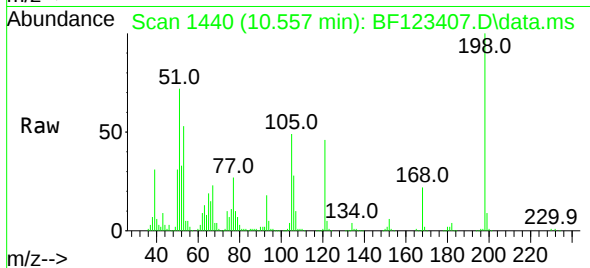




#65
4,6-Dinitro-2-methylphenol
Concen: 46.38 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BF123407.D
Acq: 23 Mar 2021 17:08

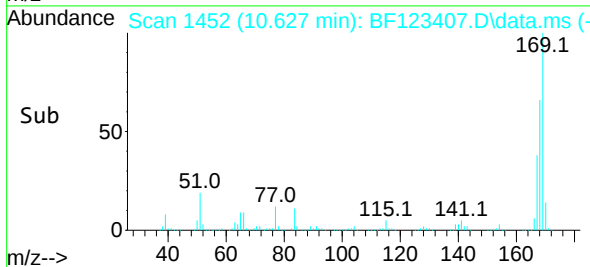
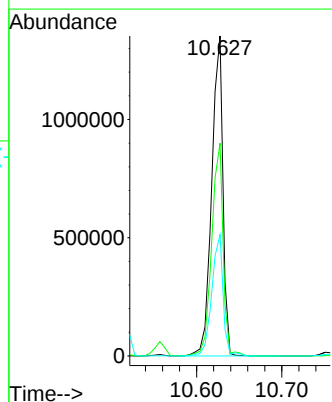
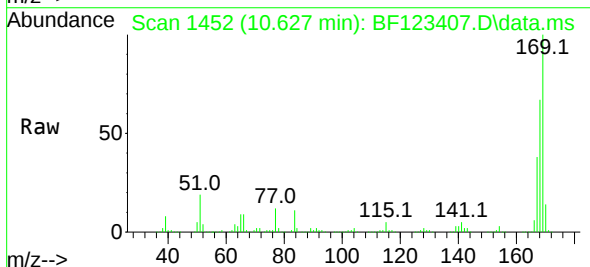
Instrument :
BNA_F
ClientSampleId :
PB135297BS

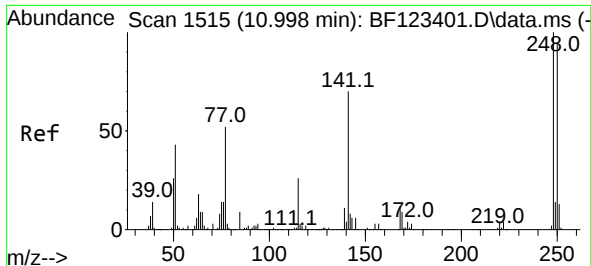
Tgt Ion:198 Resp: 226015
Ion Ratio Lower Upper
198 100
51 72.2 20.3 60.3#
105 49.4 23.0 63.0



#66
n-Nitrosodiphenylamine
Concen: 40.47 ng
RT: 10.627 min Scan# 1452
Delta R.T. 0.006 min
Lab File: BF123407.D
Acq: 23 Mar 2021 17:08

Tgt Ion:169 Resp: 1233846
Ion Ratio Lower Upper
169 100
168 66.5 54.2 81.2
167 37.9 29.2 43.8

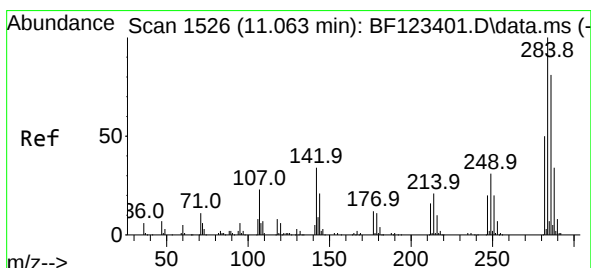
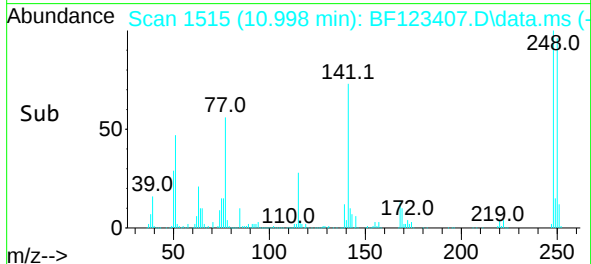
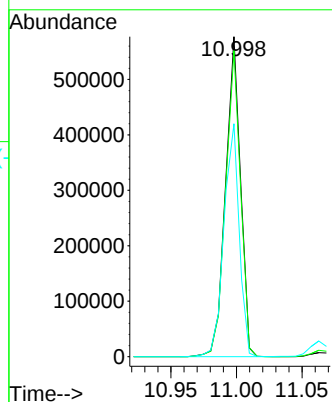
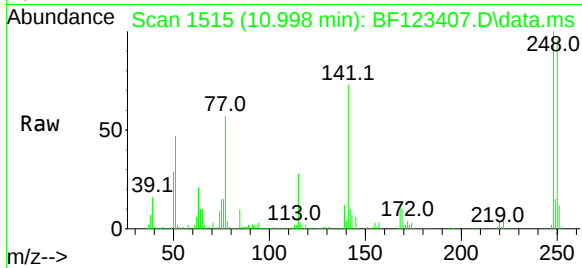




#67
4-Bromophenyl-phenylether
Concen: 42.43 ng
RT: 10.998 min Scan# 1515
Delta R.T. -0.000 min
Lab File: BF123407.D
Acq: 23 Mar 2021 17:08

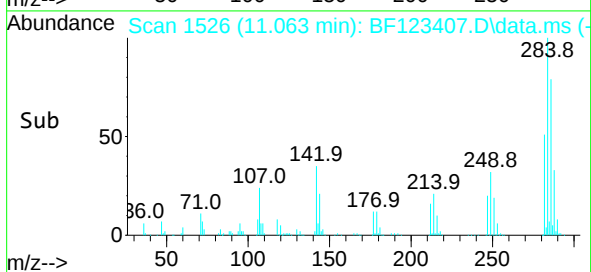
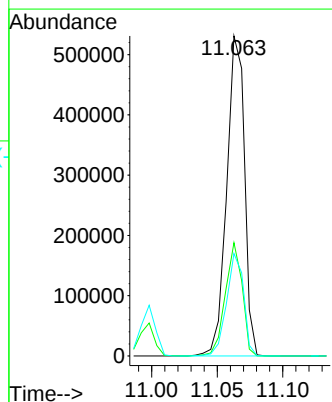
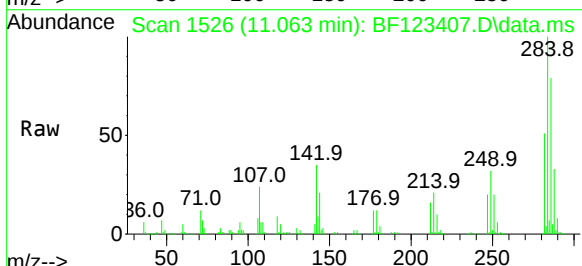
Instrument :
BNA_F
ClientSampleId :
PB135297BS

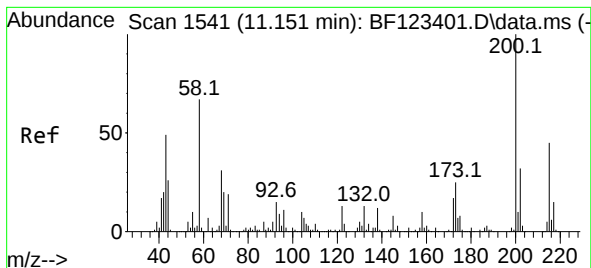
Tgt Ion:248 Resp: 457189
Ion Ratio Lower Upper
248 100
250 95.6 76.8 115.2
141 72.8 59.8 89.8



#68
Hexachlorobenzene
Concen: 42.14 ng
RT: 11.063 min Scan# 1526
Delta R.T. -0.000 min
Lab File: BF123407.D
Acq: 23 Mar 2021 17:08

Tgt Ion:284 Resp: 500446
Ion Ratio Lower Upper
284 100
142 35.4 25.6 38.4
249 32.0 25.1 37.7





#69

Atrazine

Concen: 39.56 ng

RT: 11.151 min Scan# 1541

Delta R.T. -0.000 min

Lab File: BF123407.D

Acq: 23 Mar 2021 17:08

Tgt Ion:200 Resp: 383300

Ion Ratio Lower Upper

200 100

173 28.1 6.6 46.6

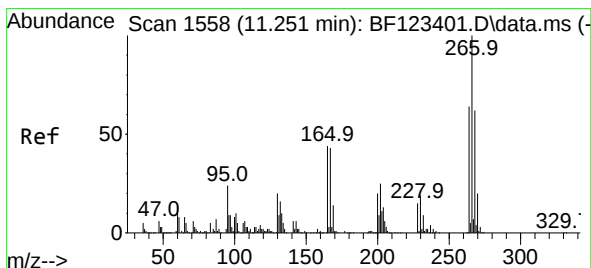
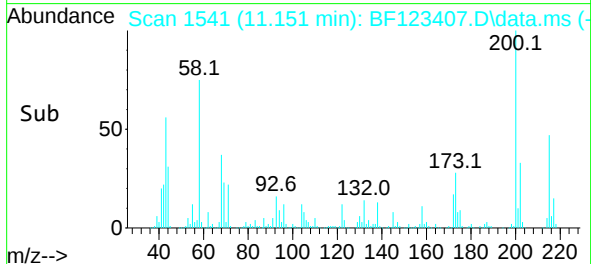
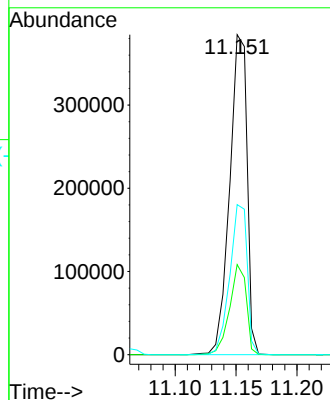
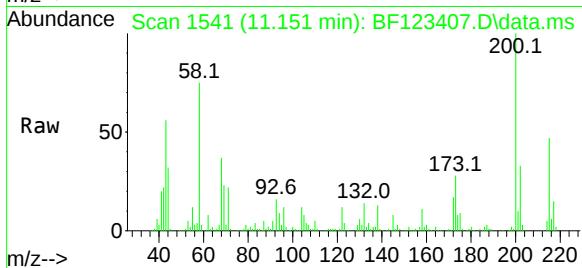
215 46.9 28.1 68.1

Instrument :

BNA_F

ClientSampleId :

PB135297BS



#70

Pentachlorophenol

Concen: 85.85 ng

RT: 11.257 min Scan# 1559

Delta R.T. 0.006 min

Lab File: BF123407.D

Acq: 23 Mar 2021 17:08

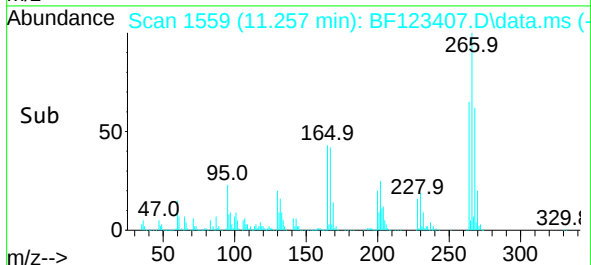
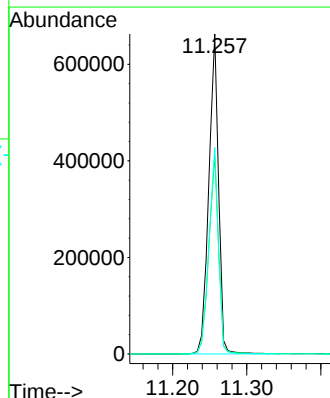
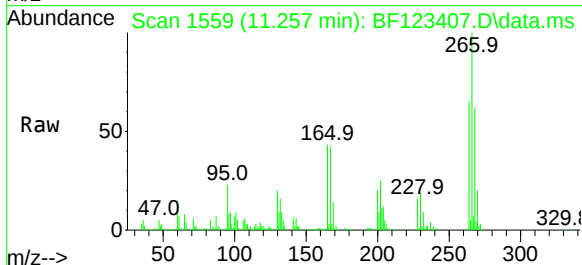
Tgt Ion:266 Resp: 608310

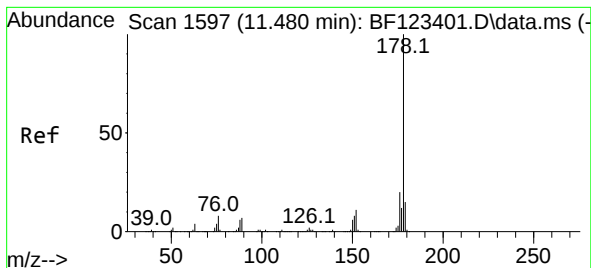
Ion Ratio Lower Upper

266 100

268 61.9 50.5 75.7

264 64.5 49.8 74.8





#71

Phenanthrene

Concen: 40.43 ng

RT: 11.480 min Scan# 1597

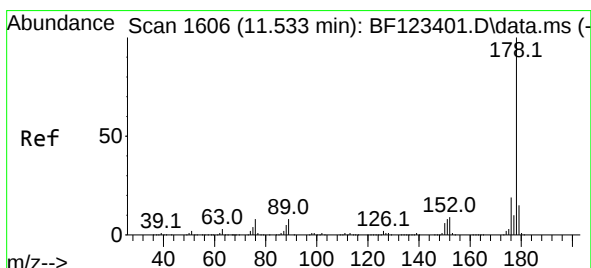
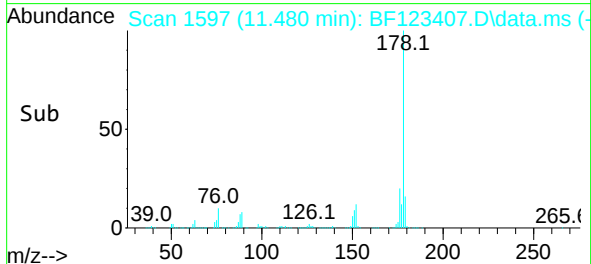
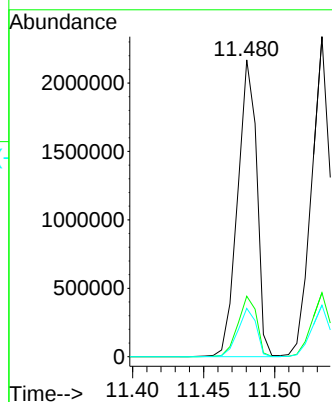
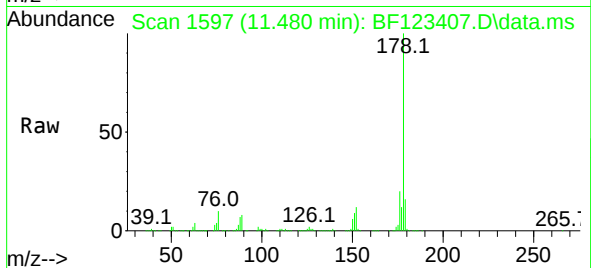
Delta R.T. -0.000 min

Lab File: BF123407.D

Acq: 23 Mar 2021 17:08

Tgt Ion:178 Resp: 2033578

Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.2	24.2
179	16.3	12.7	19.1



#72

Anthracene

Concen: 41.19 ng

RT: 11.533 min Scan# 1606

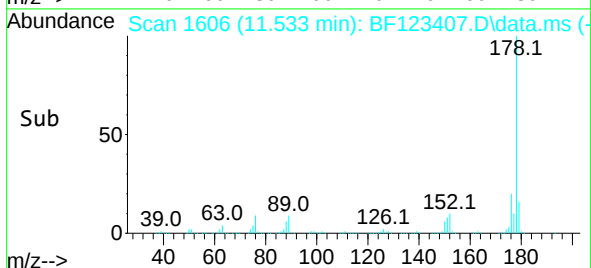
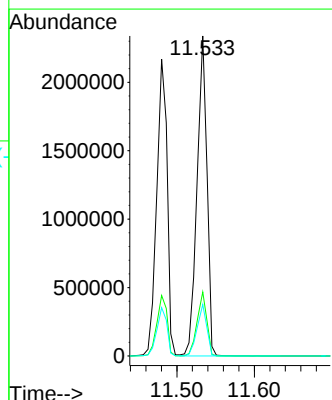
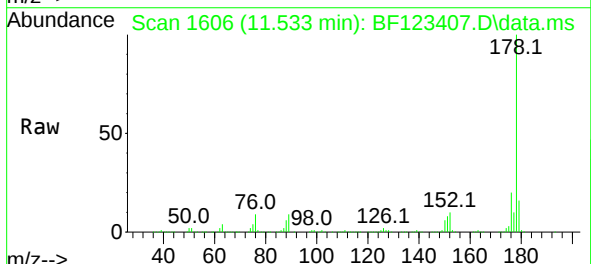
Delta R.T. -0.000 min

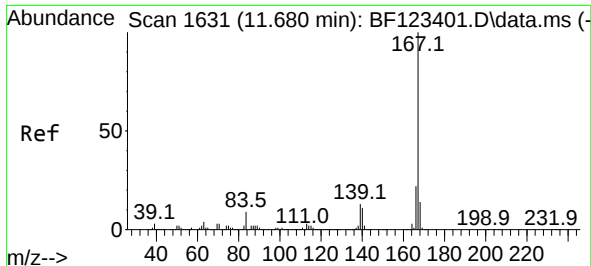
Lab File: BF123407.D

Acq: 23 Mar 2021 17:08

Tgt Ion:178 Resp: 2083943

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.6	23.4
179	16.1	12.8	19.2

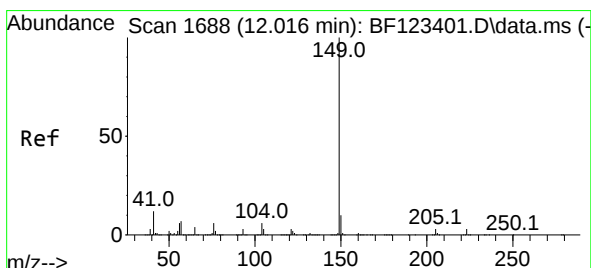
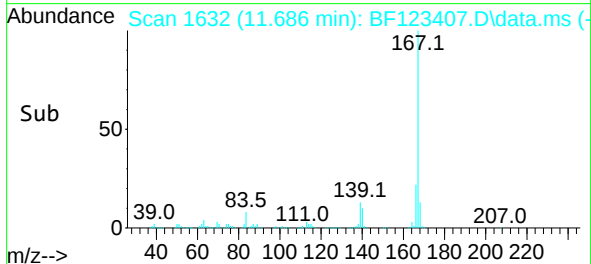
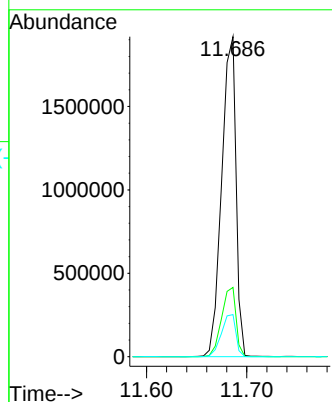
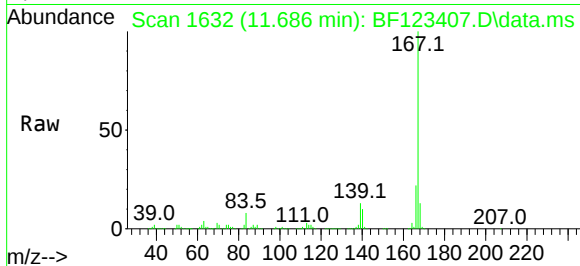




#73
Carbazole
Concen: 39.72 ng
RT: 11.686 min Scan# 1632
Delta R.T. 0.006 min
Lab File: BF123407.D
Acq: 23 Mar 2021 17:08

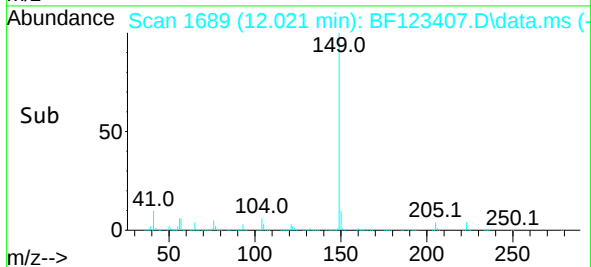
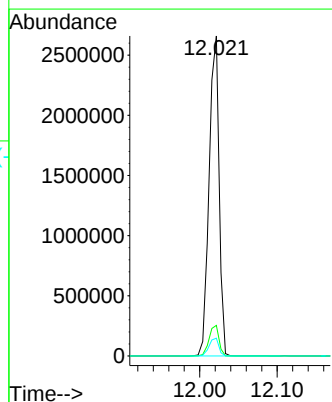
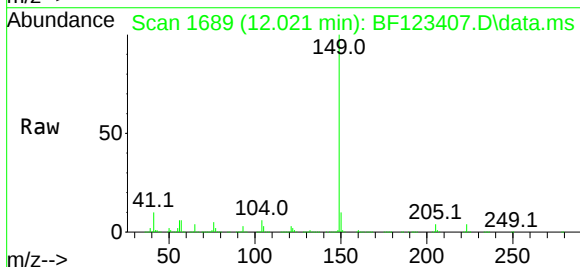
Instrument :
BNA_F
ClientSampleId :
PB135297BS

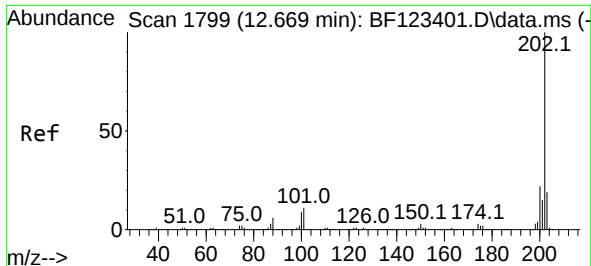
Tgt Ion:167 Resp: 1898311
Ion Ratio Lower Upper
167 100
166 21.6 18.0 27.0
139 13.2 10.9 16.3



#74
Di-n-butylphthalate
Concen: 43.79 ng
RT: 12.021 min Scan# 1689
Delta R.T. 0.006 min
Lab File: BF123407.D
Acq: 23 Mar 2021 17:08

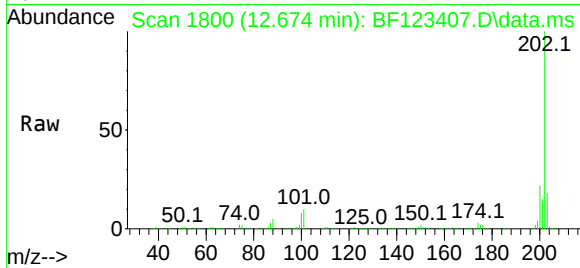
Tgt Ion:149 Resp: 2382543
Ion Ratio Lower Upper
149 100
150 9.6 7.8 11.6
104 5.5 4.2 6.4



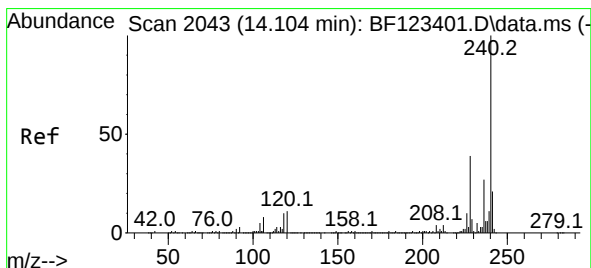
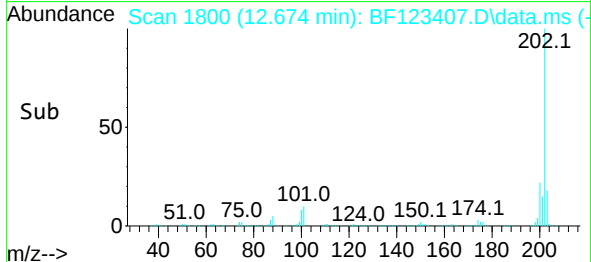
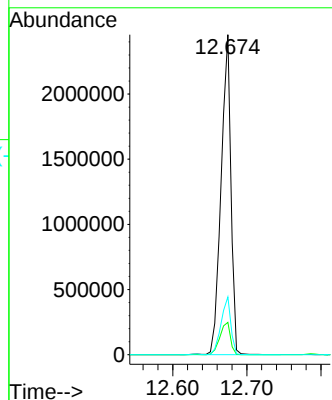


#75
Fluoranthene
Concen: 41.55 ng
RT: 12.674 min Scan# 1800
Delta R.T. 0.006 min
Lab File: BF123407.D
Acq: 23 Mar 2021 17:08

Instrument :
BNA_F
ClientSampleId :
PB135297BS

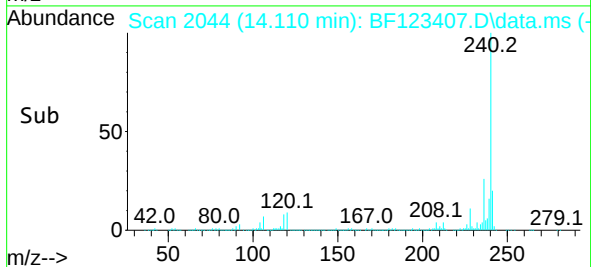
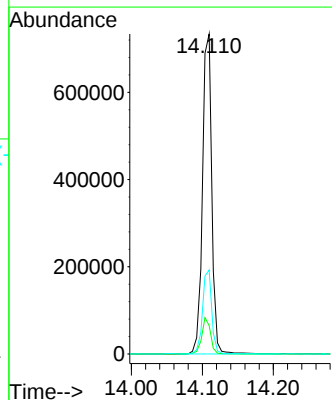
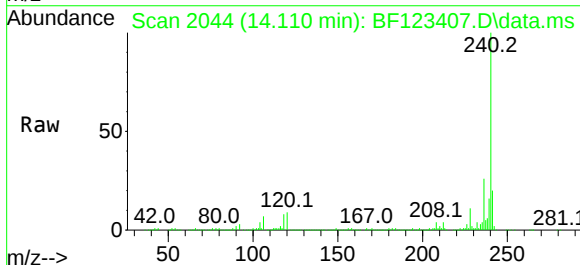


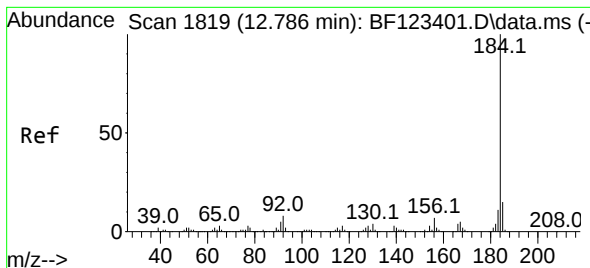
Tgt Ion:202 Resp: 2262673
Ion Ratio Lower Upper
202 100
101 10.1 0.0 32.2
203 18.1 0.0 38.1



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.110 min Scan# 2044
Delta R.T. 0.006 min
Lab File: BF123407.D
Acq: 23 Mar 2021 17:08

Tgt Ion:240 Resp: 673691
Ion Ratio Lower Upper
240 100
120 8.8 8.6 12.8
236 26.3 20.3 30.5





#77

Benzidine

Concen: 42.37 ng

RT: 12.786 min Scan# 1819

Delta R.T. -0.000 min

Lab File: BF123407.D

Acq: 23 Mar 2021 17:08

Instrument :

BNA_F

ClientSampleId :

PB135297BS

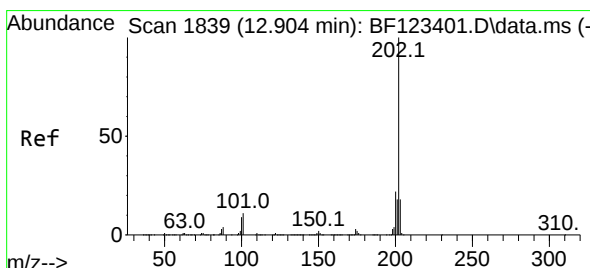
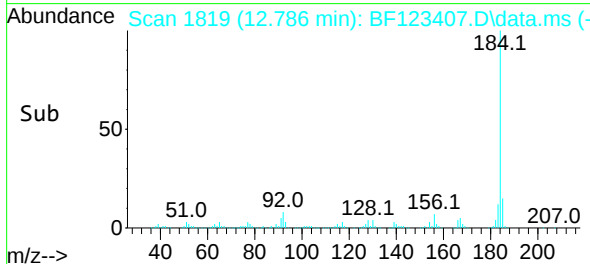
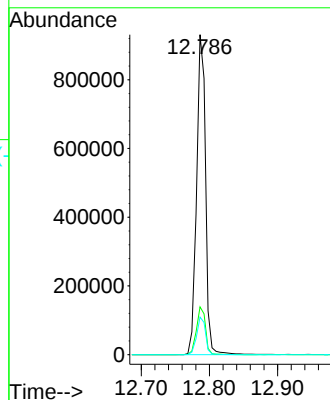
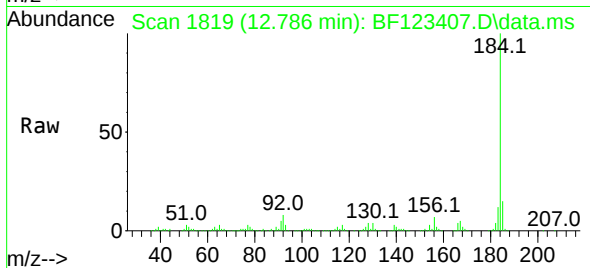
Tgt Ion:184 Resp: 850212

Ion Ratio Lower Upper

184 100

185 14.9 11.8 17.6

183 11.8 9.7 14.5



#78

Pyrene

Concen: 39.30 ng

RT: 12.904 min Scan# 1839

Delta R.T. -0.000 min

Lab File: BF123407.D

Acq: 23 Mar 2021 17:08

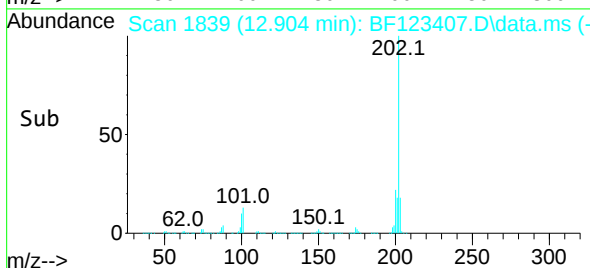
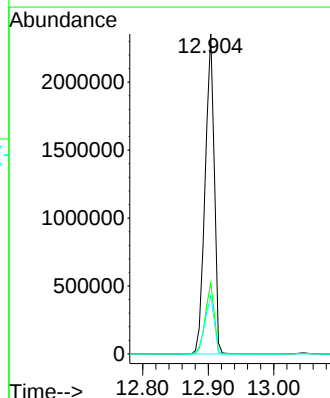
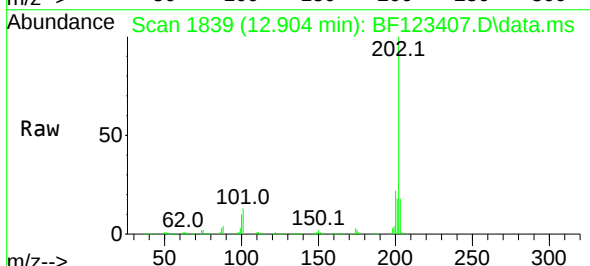
Tgt Ion:202 Resp: 2283819

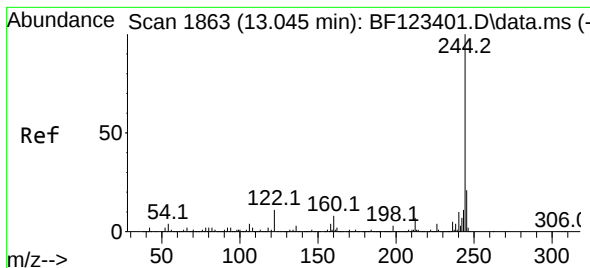
Ion Ratio Lower Upper

202 100

200 22.2 17.6 26.4

203 18.0 14.6 21.8





#79

Terphenyl-d14

Concen: 60.83 ng

RT: 13.045 min Scan# 1863

Delta R.T. -0.000 min

Lab File: BF123407.D

Acq: 23 Mar 2021 17:08

Instrument :

BNA_F

ClientSampleId :

PB135297BS

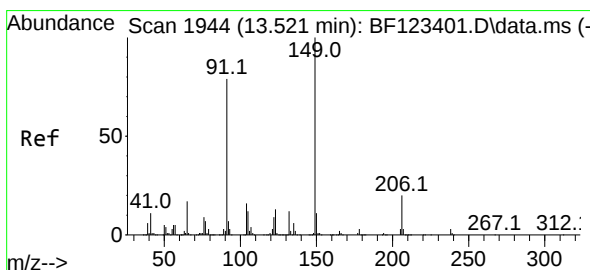
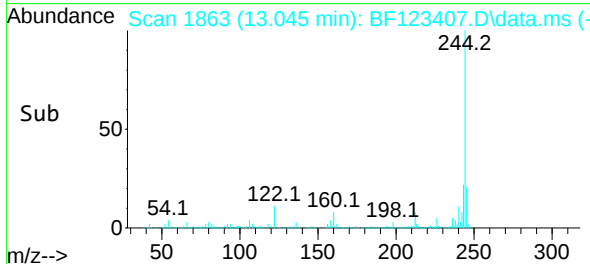
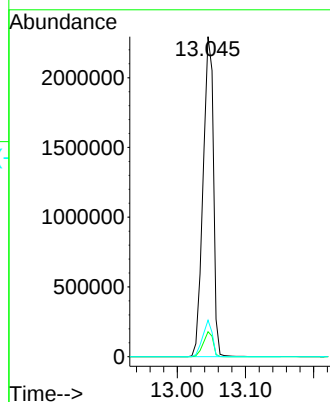
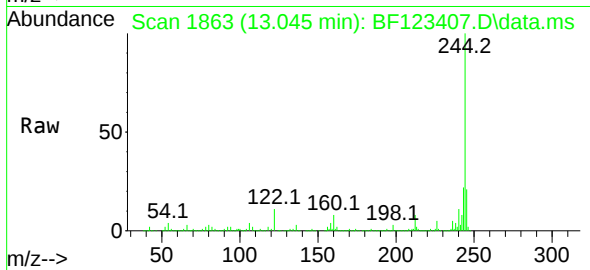
Tgt Ion:244 Resp: 2418216

Ion Ratio Lower Upper

244 100

212 7.8 5.7 8.5

122 11.4 8.3 12.5



#80

Butylbenzylphthalate

Concen: 45.90 ng

RT: 13.527 min Scan# 1945

Delta R.T. 0.006 min

Lab File: BF123407.D

Acq: 23 Mar 2021 17:08

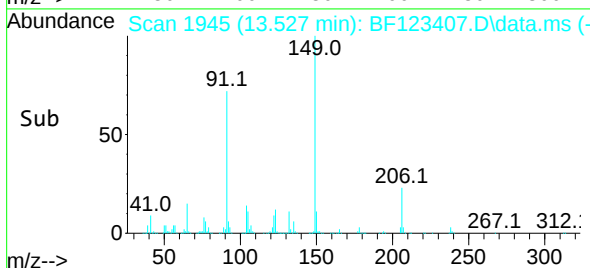
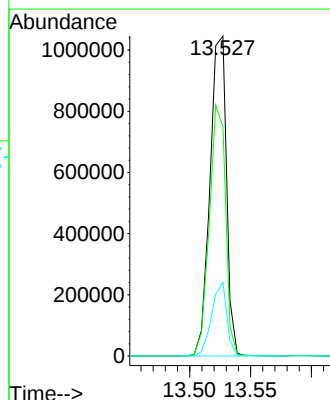
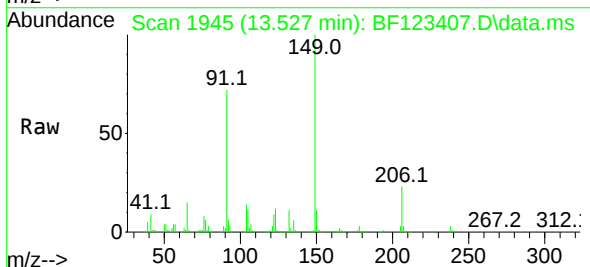
Tgt Ion:149 Resp: 989289

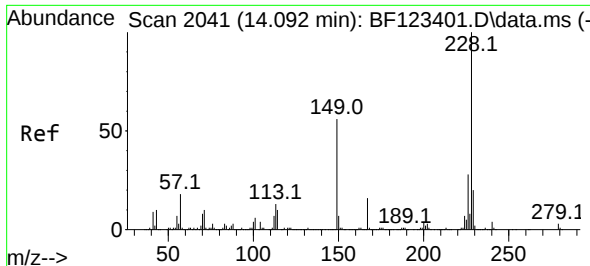
Ion Ratio Lower Upper

149 100

91 71.6 56.5 84.7

206 23.0 17.0 25.6

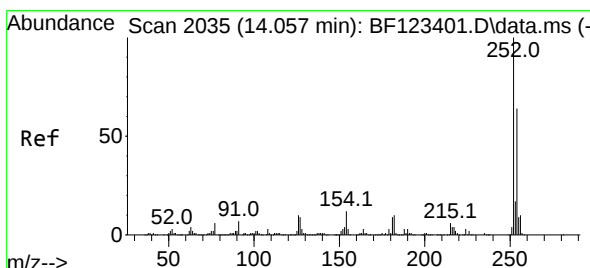
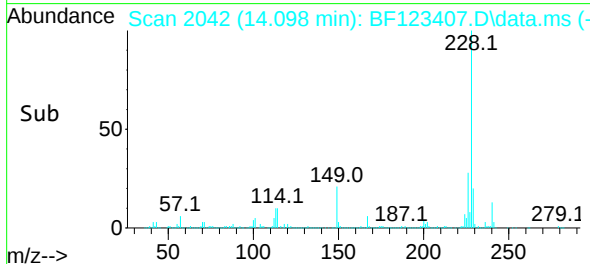
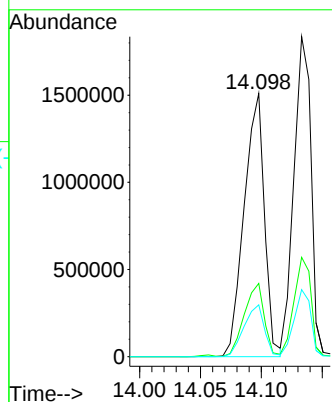
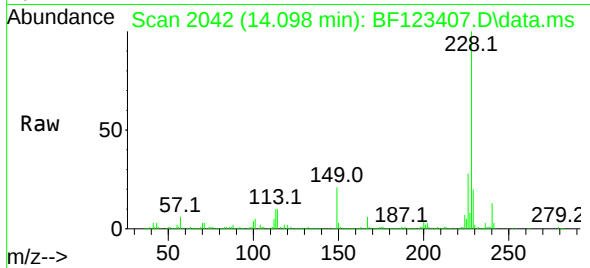




#81
Benzo(a)anthracene
Concen: 39.75 ng
RT: 14.098 min Scan# 2042
Delta R.T. 0.006 min
Lab File: BF123407.D
Acq: 23 Mar 2021 17:08

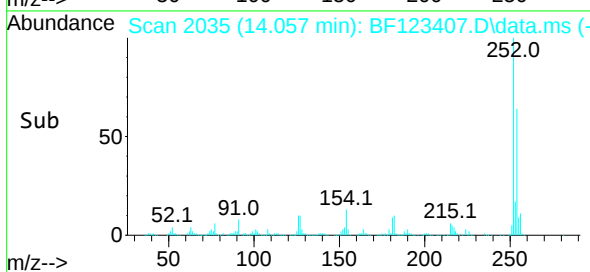
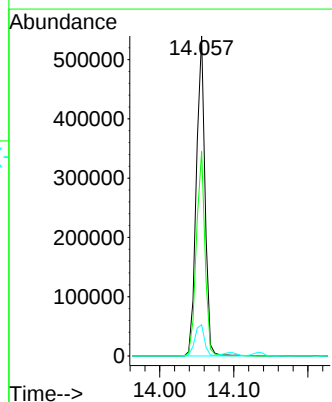
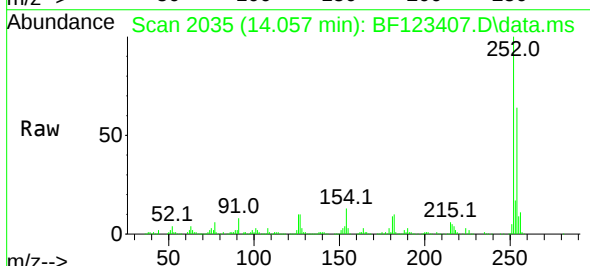
Instrument :
BNA_F
ClientSampleId :
PB135297BS

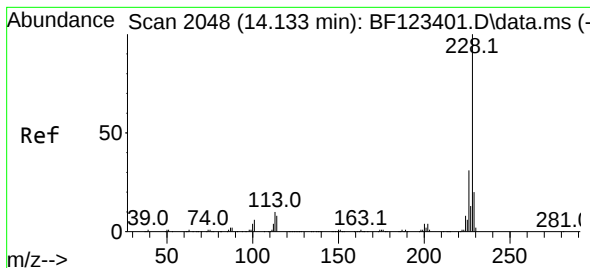
Tgt Ion:228 Resp: 1752863
Ion Ratio Lower Upper
228 100
226 27.8 23.0 34.4
229 19.7 16.6 24.8



#82
3,3'-Dichlorobenzidine
Concen: 30.51 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.000 min
Lab File: BF123407.D
Acq: 23 Mar 2021 17:08

Tgt Ion:252 Resp: 437608
Ion Ratio Lower Upper
252 100
254 63.9 52.7 79.1
126 9.7 8.0 12.0





#83

Chrysene

Concen: 39.94 ng

RT: 14.133 min Scan# 2048

Delta R.T. -0.000 min

Lab File: BF123407.D

Acq: 23 Mar 2021 17:08

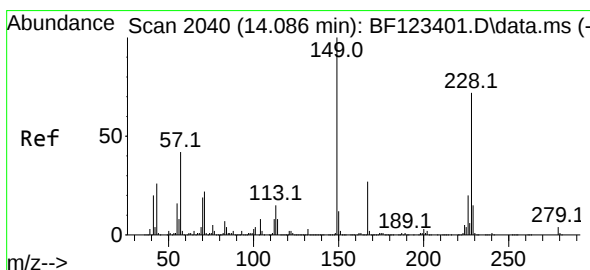
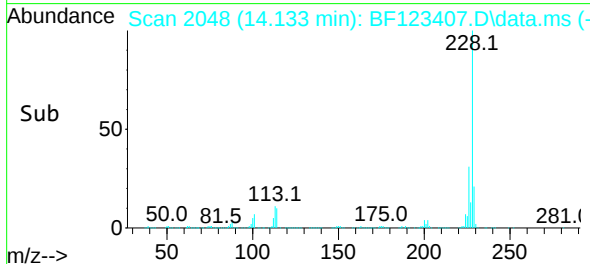
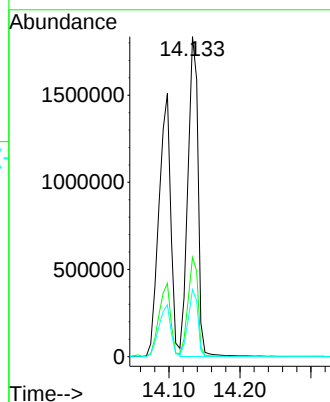
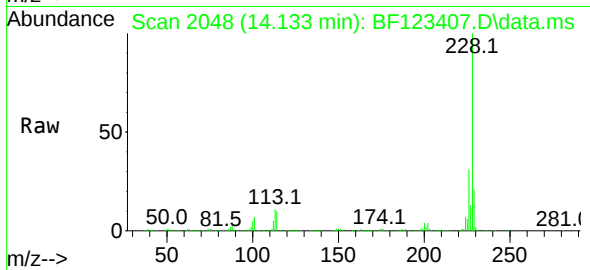
Tgt Ion:228 Resp: 1818053

Ion Ratio Lower Upper

228 100

226 31.1 24.6 36.8

229 20.9 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.96 ng

RT: 14.092 min Scan# 2041

Delta R.T. 0.006 min

Lab File: BF123407.D

Acq: 23 Mar 2021 17:08

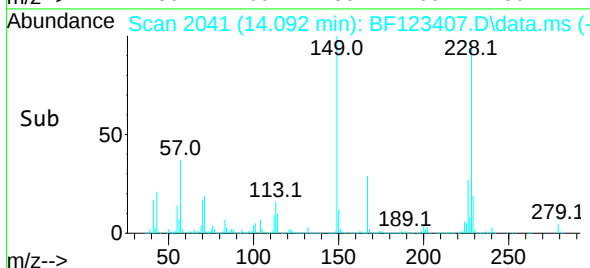
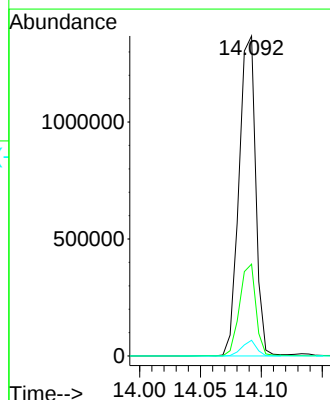
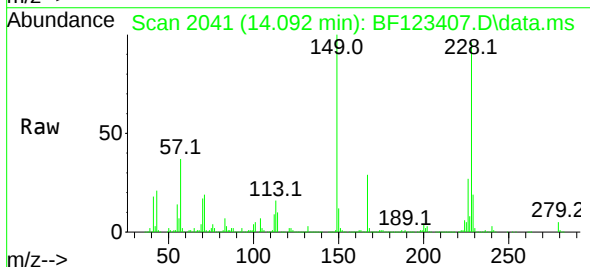
Tgt Ion:149 Resp: 1304107

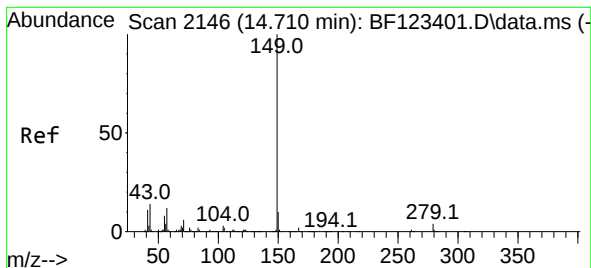
Ion Ratio Lower Upper

149 100

167 28.7 21.4 32.2

279 4.9 3.4 5.0

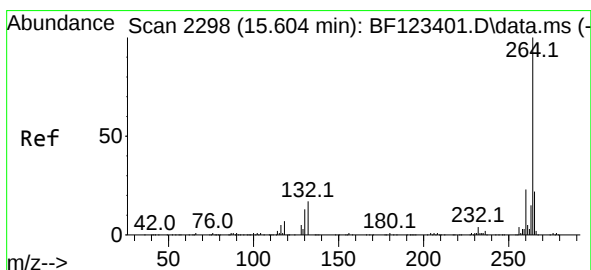
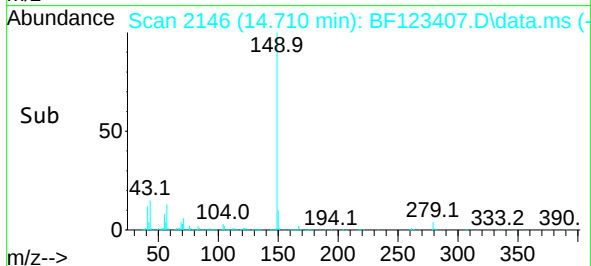
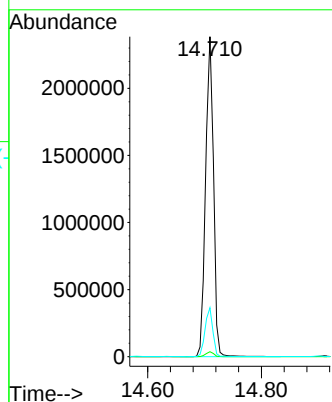
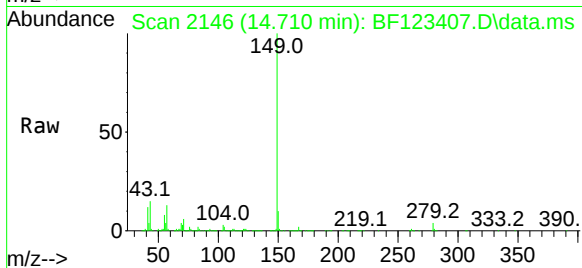




#85
Di-n-octyl phthalate
Concen: 51.37 ng
RT: 14.710 min Scan# 2146
Delta R.T. -0.000 min
Lab File: BF123407.D
Acq: 23 Mar 2021 17:08

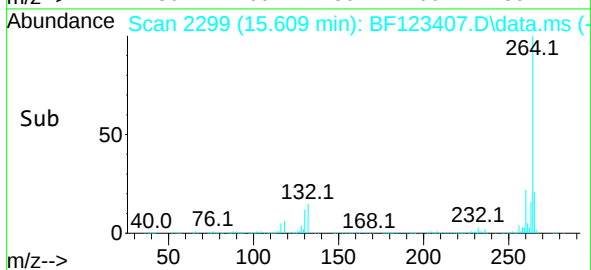
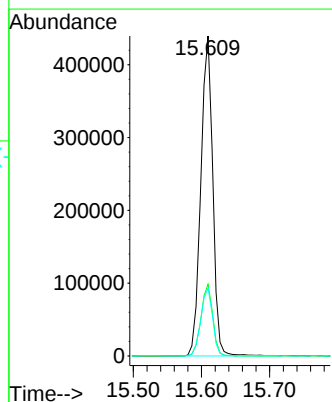
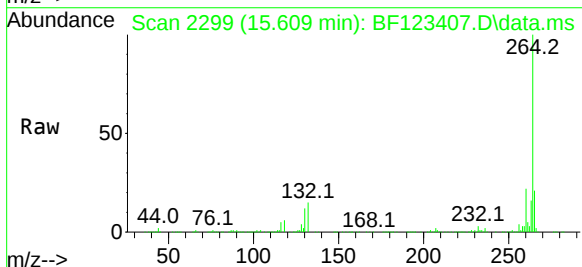
Instrument :
BNA_F
ClientSampleId :
PB135297BS

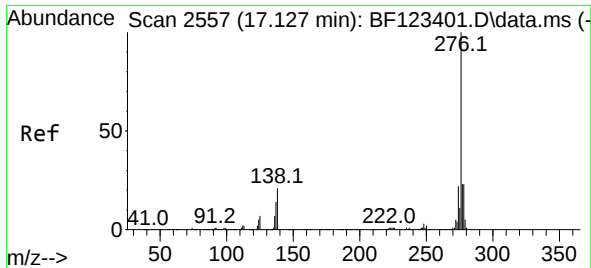
Tgt Ion:149 Resp: 2304180
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 14.9 7.6 11.4#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.609 min Scan# 2299
Delta R.T. 0.006 min
Lab File: BF123407.D
Acq: 23 Mar 2021 17:08

Tgt Ion:264 Resp: 536039
Ion Ratio Lower Upper
264 100
260 22.4 18.6 28.0
265 21.2 17.0 25.6

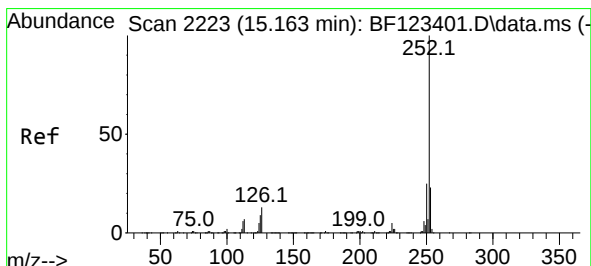
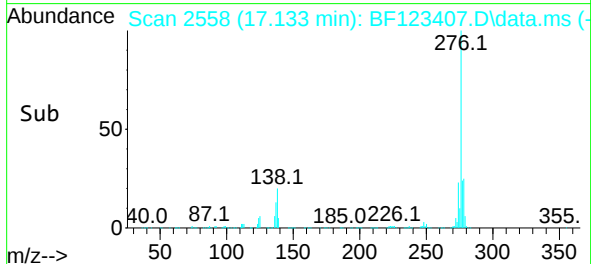
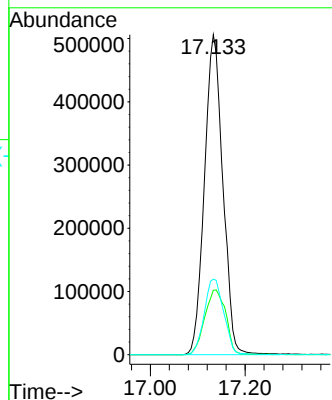
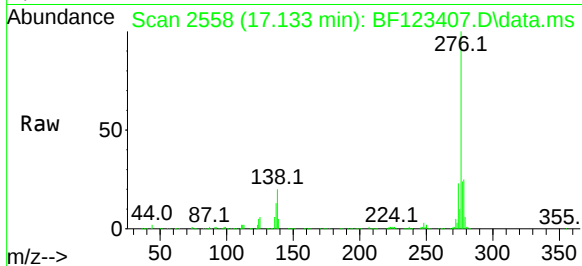




#87
Indeno(1,2,3-cd)pyrene
Concen: 40.94 ng
RT: 17.133 min Scan# 2558
Delta R.T. 0.006 min
Lab File: BF123407.D
Acq: 23 Mar 2021 17:08

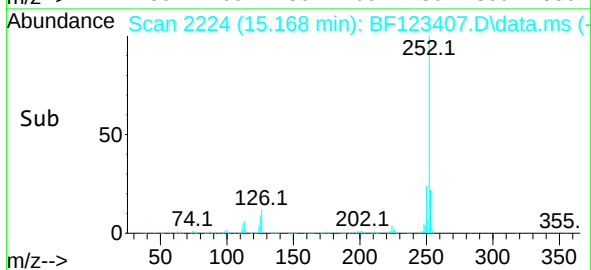
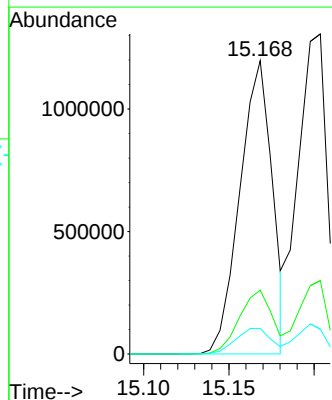
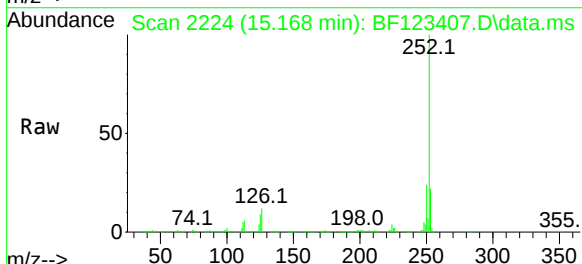
Instrument :
BNA_F
ClientSampleId :
PB135297BS

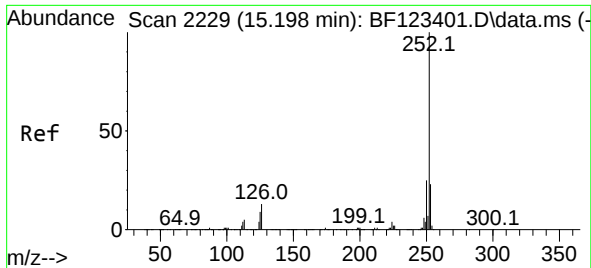
Tgt Ion:276 Resp: 1363603
Ion Ratio Lower Upper
276 100
138 23.2 18.7 28.1
277 25.1 20.2 30.4



#88
Benzo(b)fluoranthene
Concen: 42.86 ng
RT: 15.168 min Scan# 2224
Delta R.T. 0.006 min
Lab File: BF123407.D
Acq: 23 Mar 2021 17:08

Tgt Ion:252 Resp: 1585052
Ion Ratio Lower Upper
252 100
253 21.8 18.3 27.5
125 8.7 8.1 12.1

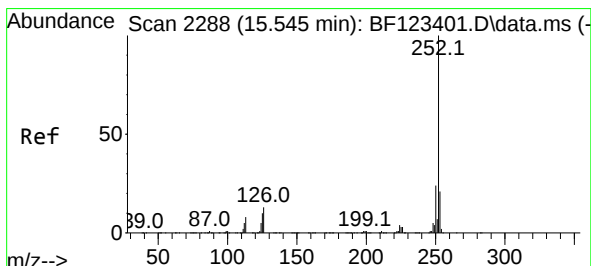
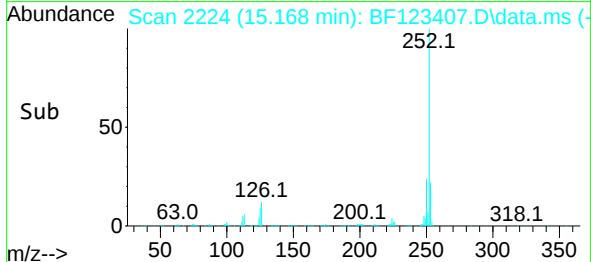
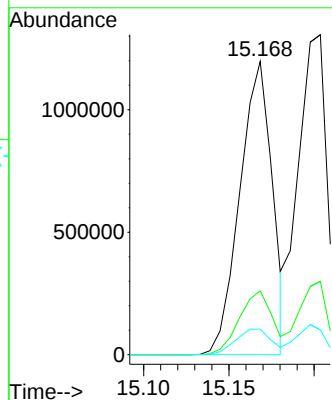
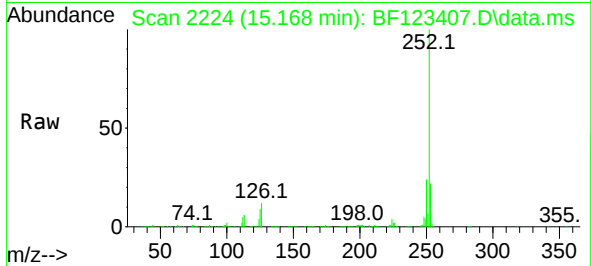




#89
Benzo(k)fluoranthene
Concen: 45.34 ng
RT: 15.168 min Scan# 2224
Delta R.T. -0.030 min
Lab File: BF123407.D
Acq: 23 Mar 2021 17:08

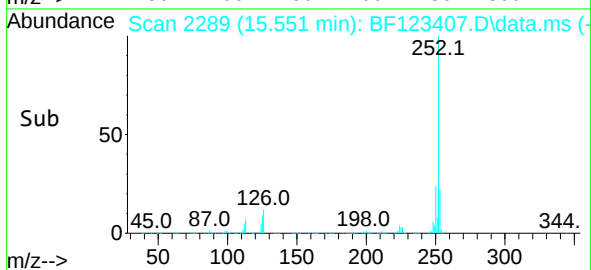
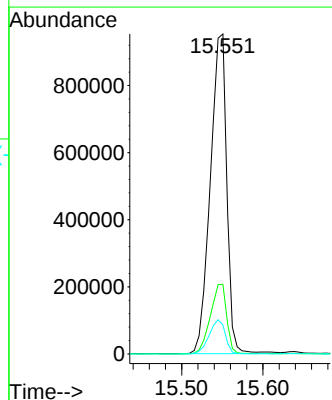
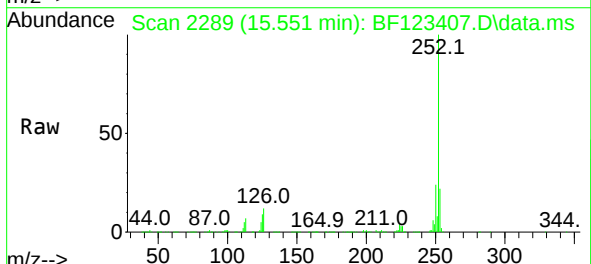
Instrument :
BNA_F
ClientSampleId :
PB135297BS

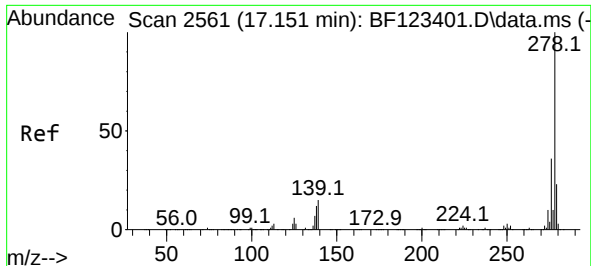
Tgt Ion:252 Resp: 1585052
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.8
125 8.7 8.4 12.6



#90
Benzo(a)pyrene
Concen: 42.09 ng
RT: 15.551 min Scan# 2289
Delta R.T. 0.006 min
Lab File: BF123407.D
Acq: 23 Mar 2021 17:08

Tgt Ion:252 Resp: 1343529
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 9.1 8.6 12.8

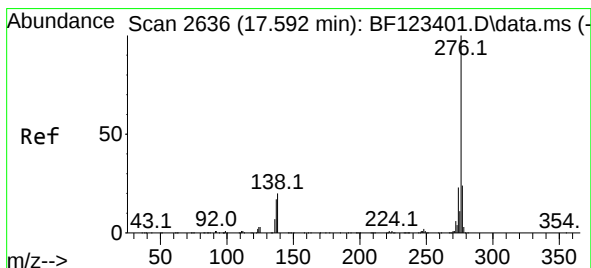
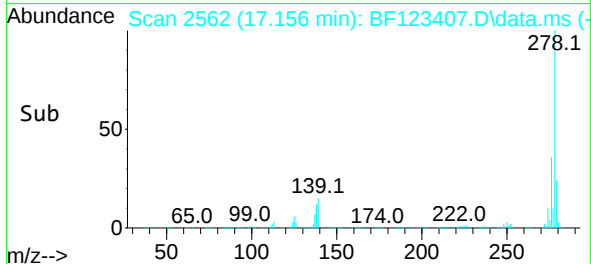
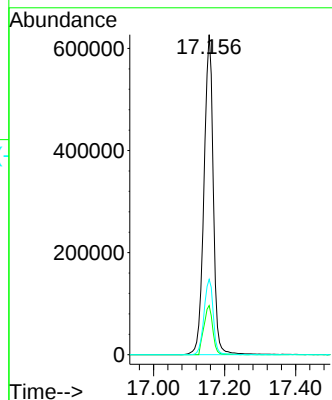
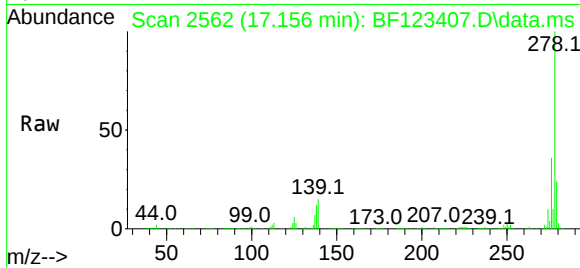




#91
Dibenzo(a,h)anthracene
Concen: 40.46 ng
RT: 17.156 min Scan# 2562
Delta R.T. 0.006 min
Lab File: BF123407.D
Acq: 23 Mar 2021 17:08

Instrument :
BNA_F
ClientSampleId :
PB135297BS

Tgt Ion:278 Resp: 1144058
Ion Ratio Lower Upper
278 100
139 15.3 12.0 18.0
279 23.5 19.4 29.2



#92
Benzo(g,h,i)perylene
Concen: 38.69 ng
RT: 17.598 min Scan# 2637
Delta R.T. 0.006 min
Lab File: BF123407.D
Acq: 23 Mar 2021 17:08

Tgt Ion:276 Resp: 1095178
Ion Ratio Lower Upper
276 100
277 23.1 19.3 28.9
138 18.8 16.6 24.8

