

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080921\
 Data File : BF125014.D
 Acq On : 9 Aug 2021 22:07
 Operator : JU/CG
 Sample : M3281-001
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TWP03

Quant Time: Aug 10 04:46:26 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 09 11:03:44 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	4870	20.00	ng	# 0.00
21) Naphthalene-d8	8.116	136	16154	20.00	ng	# 0.01
39) Acenaphthene-d10	9.886	164	7438	20.00	ng	0.02
64) Phenanthrene-d10	11.374	188	12627	20.00	ng	# 0.03
76) Chrysene-d12	13.980	240	12678	20.00	ng	0.00
86) Perylene-d12	15.439	264	9866	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	31963	107.51	ng	0.00
7) Phenol-d6	6.451	99	40872	109.03	ng	0.00
23) Nitrobenzene-d5	7.386	82	30200	97.80	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	5331	80.22	ng	0.02
45) 2-Fluorobiphenyl	9.204	172	37545	73.86	ng	0.02
79) Terphenyl-d14	12.933	244	43722	58.17	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.381	77	658	3.23	ng	# 1
15) Benzyl Alcohol	6.969	79	755	2.79	ng	# 51
18) Hexachloroethane	7.363	117	10605	76.34	ng	# 1
19) n-Nitroso-di-n-propyla...	7.222	70	910	4.09	ng	# 65
22) Acetophenone	7.228	105	933	2.36	ng	# 1
24) Nitrobenzene	7.398	77	3714	12.43	ng	# 66
25) Isophorone	7.645	82	15260	28.95	ng	# 1
26) 2-Nitrophenol	7.739	139	2397	15.80	ng	# 1
27) 2,4-Dimethylphenol	7.775	122	3375	15.69	ng	# 1
28) bis(2-Chloroethoxy)met...	7.863	93	1580	5.27	ng	# 1
29) 2,4-Dichlorophenol	7.963	162	1345	5.61	ng	# 1
31) Naphthalene	8.139	128	19558	23.56	ng	# 81
32) Benzoic acid	7.910	122	2539	24.27	ng	# 1
33) 4-Chloroaniline	8.198	127	847	2.74	ng	# 1
35) Caprolactam	8.563	113	22342	351.09	ng	# 1
36) 4-Chloro-3-methylphenol	8.657	107	3064	12.22	ng	# 17
37) 2-Methylnaphthalene	8.845	142	32822	58.82	ng	98
38) 1-Methylnaphthalene	8.939	142	21308	40.81	ng	92
43) 2,4,6-Trichlorophenol	9.116	196	1724	12.13	ng	# 13
44) 2,4,5-Trichlorophenol	9.169	196	1181	8.21	ng	# 1
46) 1,1'-Biphenyl	9.033	154	2066	3.73	ng	73
47) 2-Chloronaphthalene	9.122	162	2093	4.75	ng	93
48) 2-Nitroaniline	9.433	65	641	4.95	ng	# 9
49) Acenaphthylene	9.757	152	5907	8.82	ng	# 1
50) Dimethylphthalate	9.592	163	4035	8.01	ng	# 19
51) 2,6-Dinitrotoluene	9.663	165	1869	16.65	ng	# 51
52) Acenaphthene	9.922	154	8942	22.02	ng	# 65
53) 3-Nitroaniline	9.839	138	1818	15.38	ng	# 56
54) 2,4-Dinitrophenol	10.110	184	321	10.68	ng	# 1
55) Dibenzofuran	10.092	168	12401	19.54	ng	# 1
56) 4-Nitrophenol	10.004	139	9912	127.20	ng	# 65
57) 2,4-Dinitrotoluene	10.063	165	841	5.52	ng	# 68
58) Fluorene	10.439	166	24210	49.75	ng	# 92
59) 2,3,4,6-Tetrachlorophenol	10.333	232	383	3.55	ng	# 1
60) Diethylphthalate	10.310	149	1241	2.40	ng	# 15
61) 4-Chlorophenyl-phenyle...	10.445	204	763	3.32	ng	# 1

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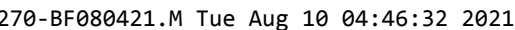
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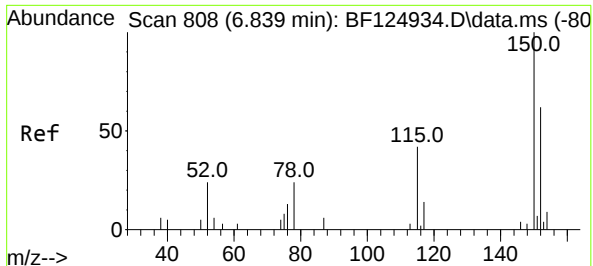
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

62) 4-Nitroaniline	10.439	138	353	3.08	ng	# 60
63) Azobenzene	10.586	77	2911	5.75	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.527	198	293	3.70	ng	# 1
66) n-Nitrosodiphenylamine	10.551	169	34588	84.51	ng	# 55
69) Atrazine	11.045	200	927	7.54	ng	# 19
70) Pentachlorophenol	11.004	266	114	5.12	ng	# 17
71) Phenanthrene	11.398	178	60576	88.44	ng	# 95
72) Anthracene	11.451	178	5610	8.16	ng	# 55
75) Fluoranthene	12.580	202	4826	6.81	ng	# 83
78) Pyrene	12.798	202	8464	8.48	ng	# 93
81) Benzo(a)anthracene	13.974	228	2000	2.42	ng	# 82
83) Chrysene	14.010	228	2880	3.61	ng	# 85
88) Benzo(b)fluoranthene	15.010	252	2629	3.80	ng	# 49
89) Benzo(k)fluoranthene	15.010	252	2629	4.17	ng	# 45
90) Benzo(a)pyrene	15.374	252	1201	2.04	ng	# 78

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

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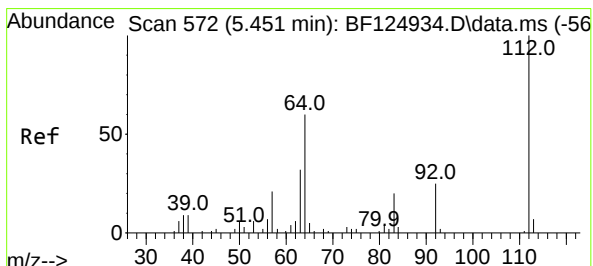
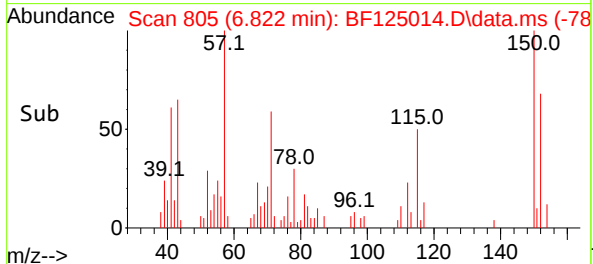
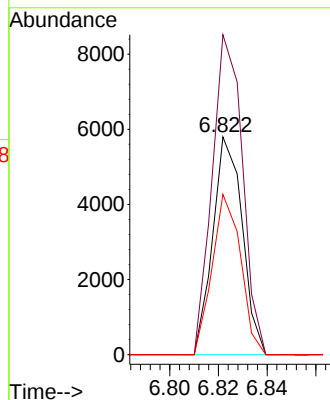
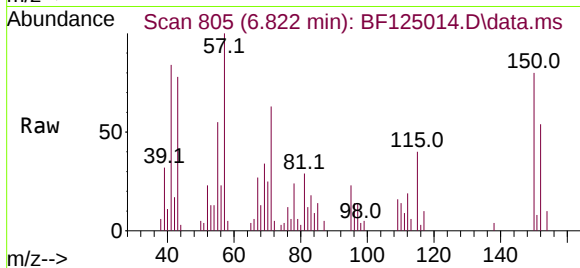




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF125014.D
Acq: 9 Aug 2021 22:07

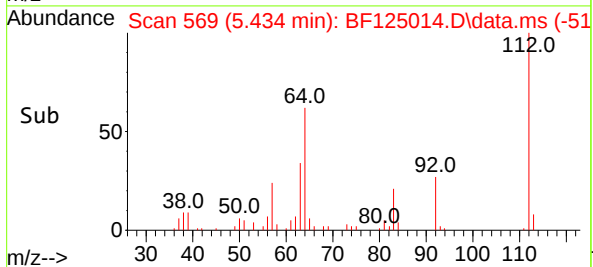
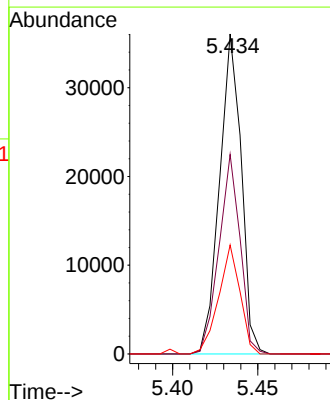
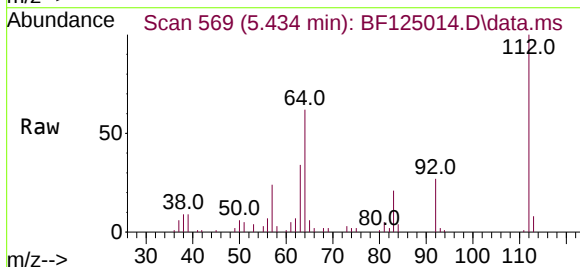
Instrument :
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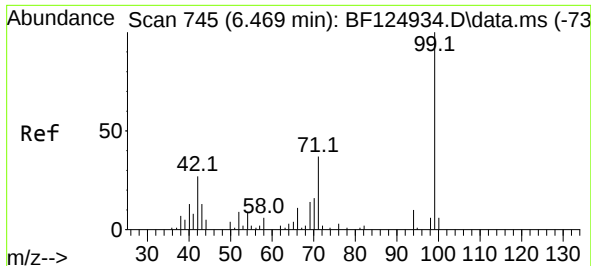
Tgt Ion:152 Resp: 4870
Ion Ratio Lower Upper
152 100
150 146.9 117.6 176.4
115 73.6 47.1 70.7#



#5
2-Fluorophenol
Concen: 107.51 ng
RT: 5.434 min Scan# 569
Delta R.T. -0.006 min
Lab File: BF125014.D
Acq: 9 Aug 2021 22:07

Tgt Ion:112 Resp: 31963
Ion Ratio Lower Upper
112 100
64 62.3 44.2 66.2
63 34.1 26.2 39.2

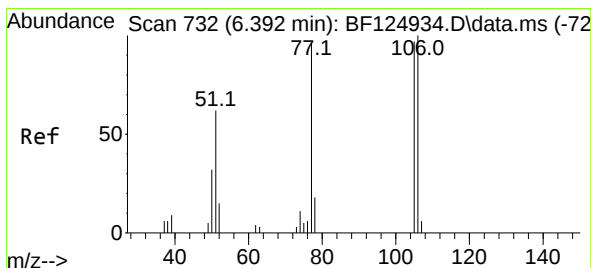
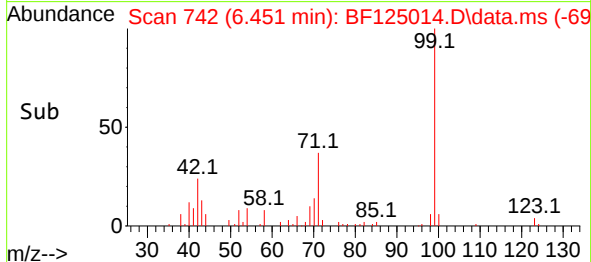
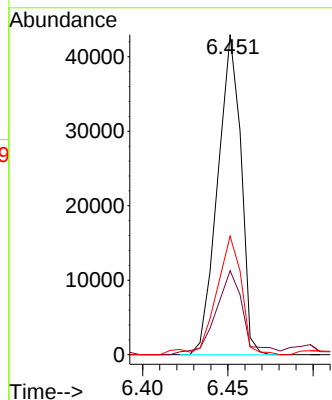
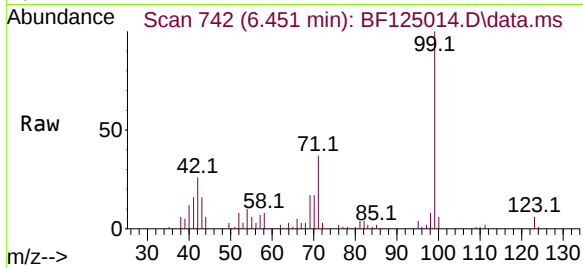




#7
Phenol-d6
Concen: 109.03 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF125014.D
Acq: 9 Aug 2021 22:07

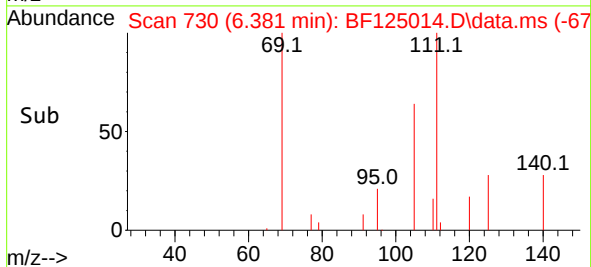
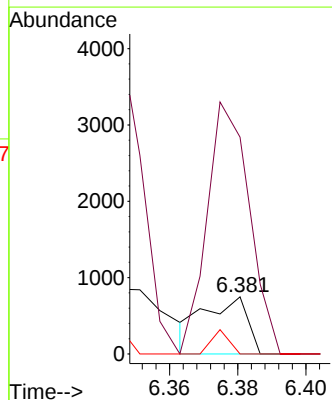
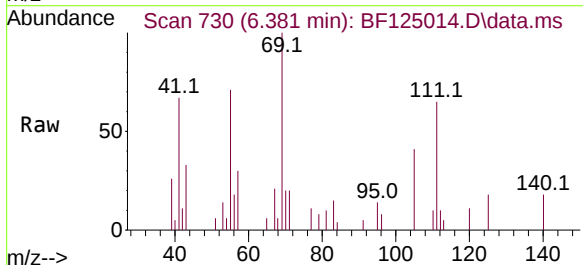
Instrument :
BNA_F
ClientSampleId :
TWP03

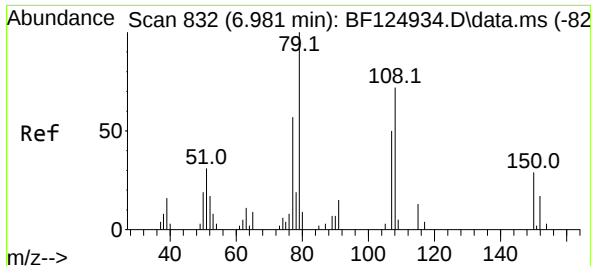
Tgt Ion:	99	Resp:	40872
Ion	Ratio	Lower	Upper
99	100		
42	26.3	23.5	35.3
71	37.0	25.6	38.4



#9
Benzaldehyde
Concen: 3.23 ng
RT: 6.381 min Scan# 730
Delta R.T. 0.006 min
Lab File: BF125014.D
Acq: 9 Aug 2021 22:07

Tgt Ion:	77	Resp:	658
Ion	Ratio	Lower	Upper
77	100		
105	379.2	75.9	115.9#
106	0.0	84.0	124.0#

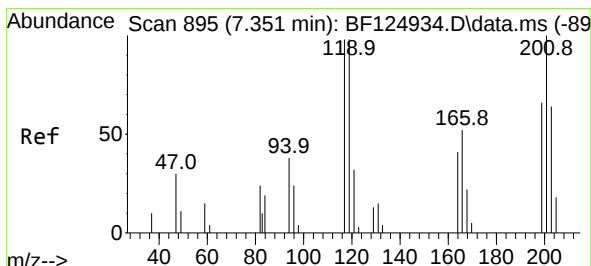
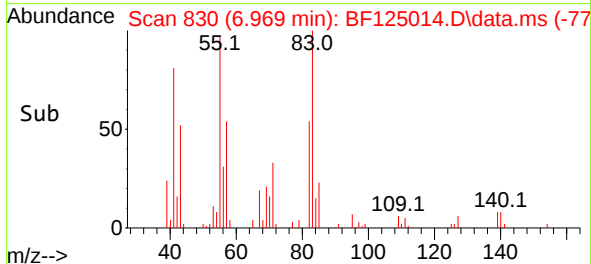
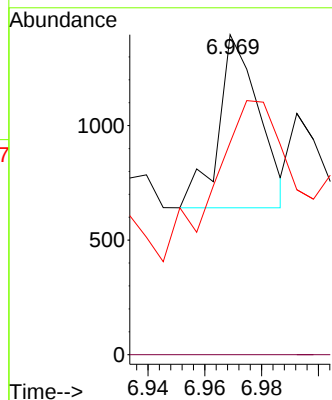
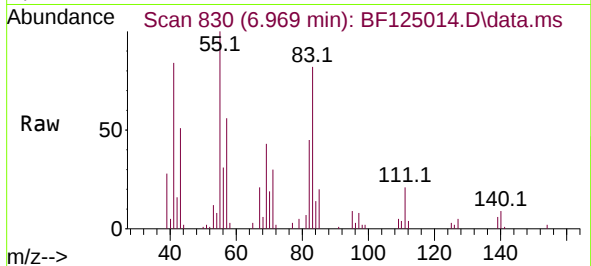




#15
Benzyl Alcohol
Concen: 2.79 ng
RT: 6.969 min Scan# 830
Delta R.T. 0.000 min
Lab File: BF125014.D
Acq: 9 Aug 2021 22:07

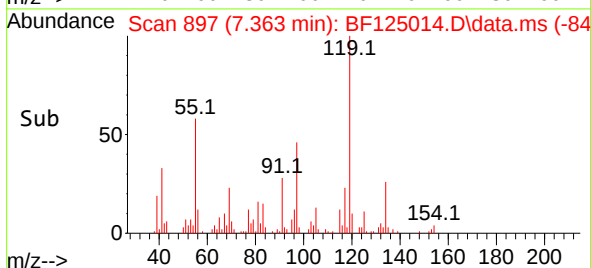
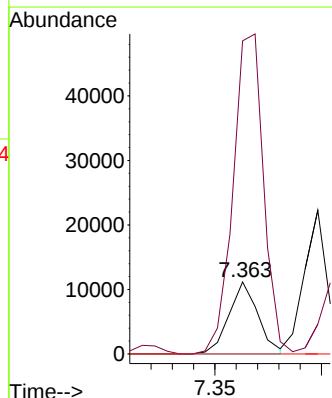
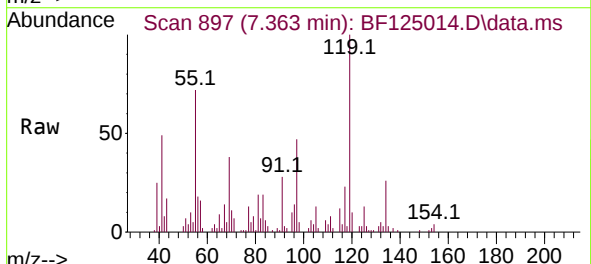
Instrument :
BNA_F
ClientSampleId :
TWP03

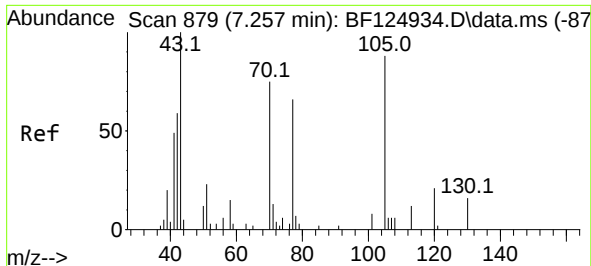
Tgt Ion: 79 Resp: 755
Ion Ratio Lower Upper
79 100
108 0.0 60.4 90.6#
77 66.3 51.5 77.3



#18
Hexachloroethane
Concen: 76.34 ng
RT: 7.363 min Scan# 897
Delta R.T. 0.029 min
Lab File: BF125014.D
Acq: 9 Aug 2021 22:07

Tgt Ion: 117 Resp: 10605
Ion Ratio Lower Upper
117 100
119 434.8 73.4 110.2#
201 0.0 64.9 97.3#



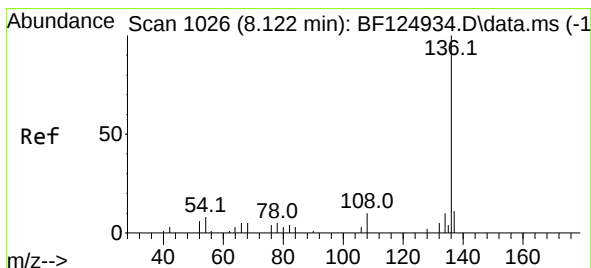
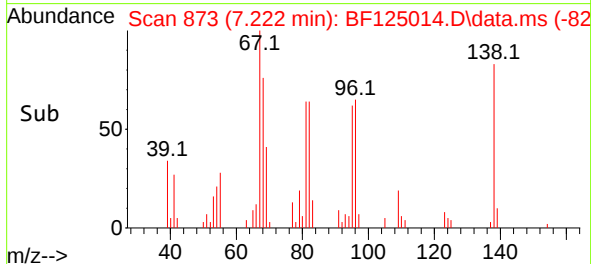
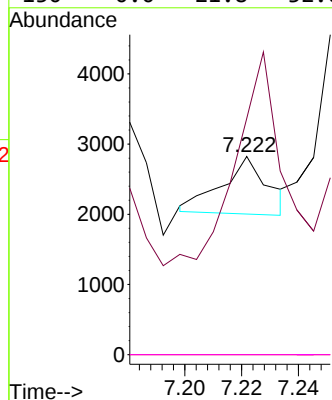
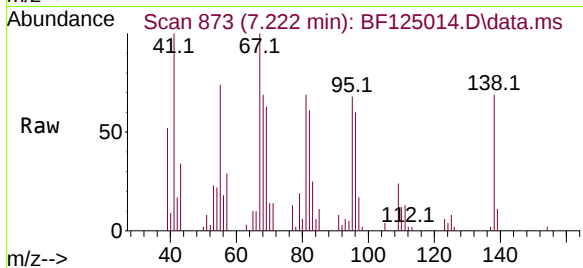


#19

n-Nitroso-di-n-propylamine
Concen: 4.09 ng
RT: 7.222 min Scan# 873
Delta R.T. -0.018 min
Lab File: BF125014.D
Acq: 9 Aug 2021 22:07

Instrument :
BNA_F
ClientSampled :
TWP03

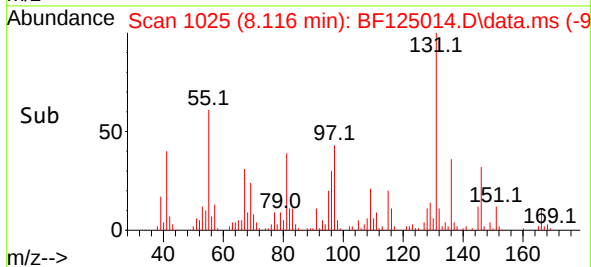
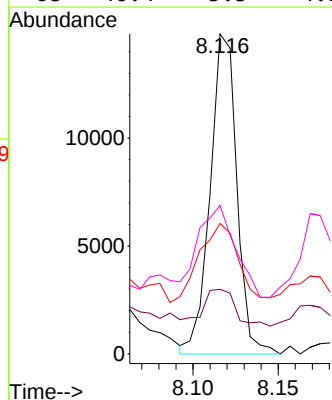
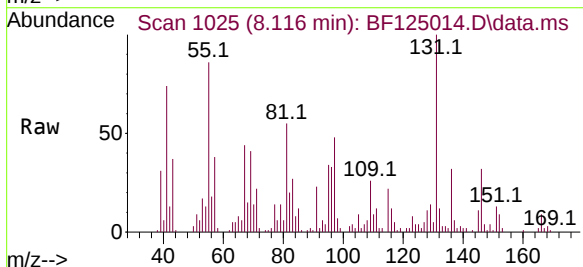
Tgt Ion:	70	Resp:	910
Ion	Ratio	Lower	Upper
70	100		
42	119.2	72.2	108.2#
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#

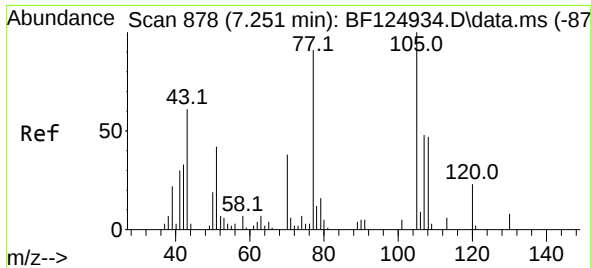


#21

Naphthalene-d8
Concen: 20.00 ng
RT: 8.116 min Scan# 1025
Delta R.T. 0.012 min
Lab File: BF125014.D
Acq: 9 Aug 2021 22:07

Tgt Ion:	136	Resp:	16154
Ion	Ratio	Lower	Upper
136	100		
137	20.2	9.8	14.6#
54	40.7	6.4	9.6#
68	46.4	3.3	4.9#

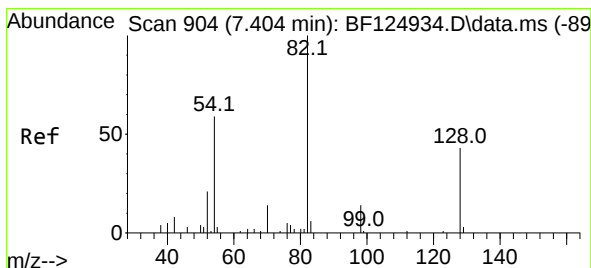
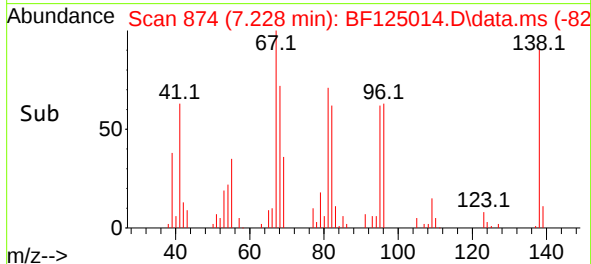
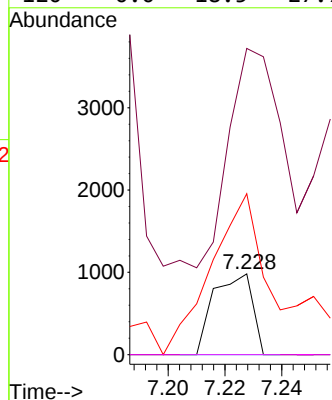
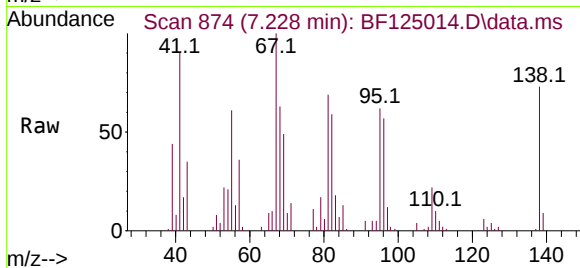




#22
Acetophenone
Concen: 2.36 ng
RT: 7.228 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF125014.D
Acq: 9 Aug 2021 22:07

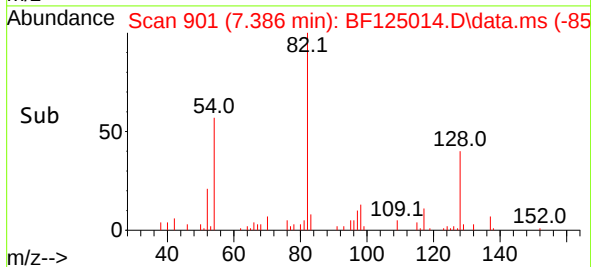
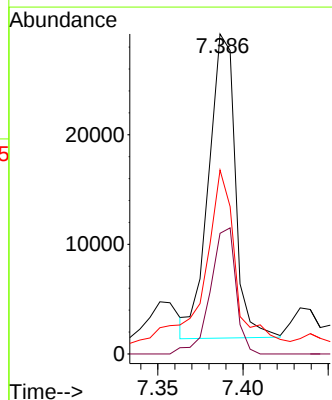
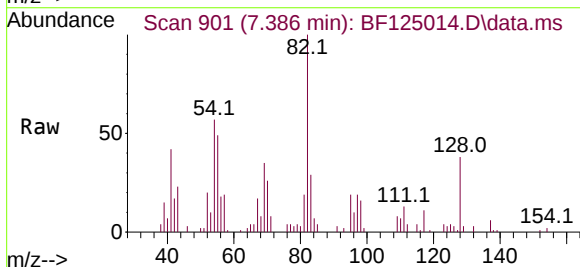
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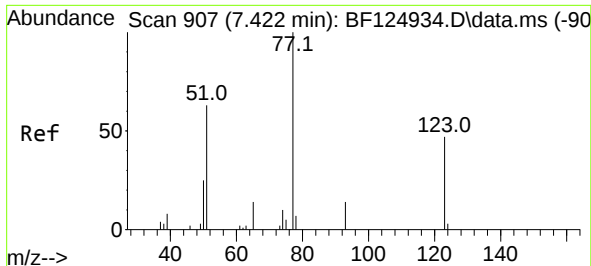
Tgt Ion:	105	Resp:	933
Ion	Ratio	Lower	Upper
105	100		
71	379.2	5.5	8.3#
51	199.4	26.0	39.0#
120	0.0	18.5	27.7#



#23
Nitrobenzene-d5
Concen: 97.80 ng
RT: 7.386 min Scan# 901
Delta R.T. -0.006 min
Lab File: BF125014.D
Acq: 9 Aug 2021 22:07

Tgt Ion:	82	Resp:	30200
Ion	Ratio	Lower	Upper
82	100		
128	37.7	40.6	60.8#
54	57.4	49.6	74.4





#24

Nitrobenzene

Concen: 12.43 ng

RT: 7.398 min Scan# 903

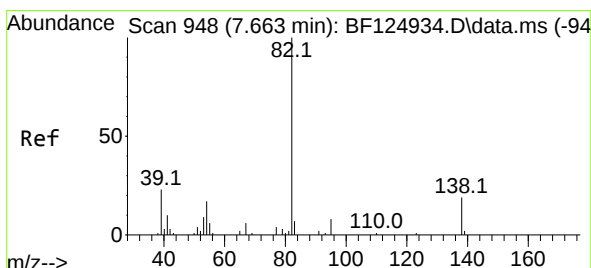
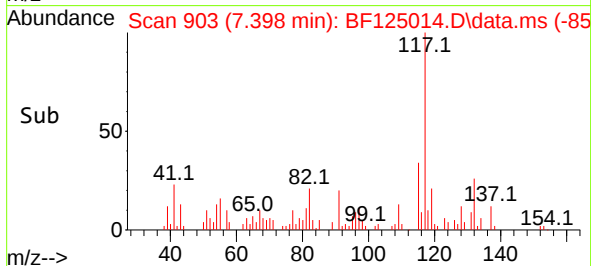
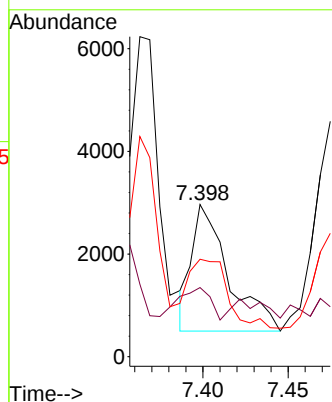
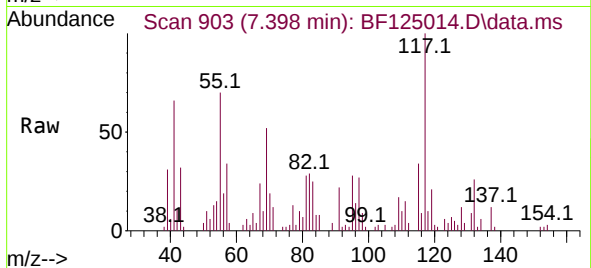
Delta R.T. -0.012 min

Lab File: BF125014.D

Acq: 9 Aug 2021 22:07

Tgt Ion:	77	Resp:	3714
Ion	Ratio	Lower	Upper
77	100		
123	45.4	42.3	63.5
65	64.0	12.4	18.6#

Instrument :
BNA_F
ClientSampleId :
TWP03



#25

Isophorone

Concen: 28.95 ng

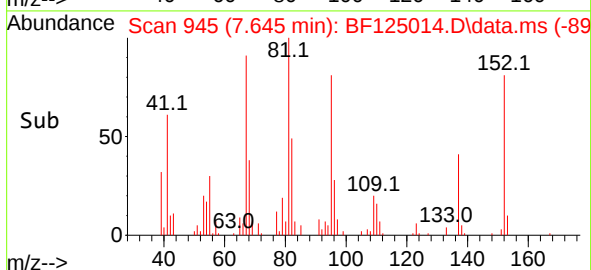
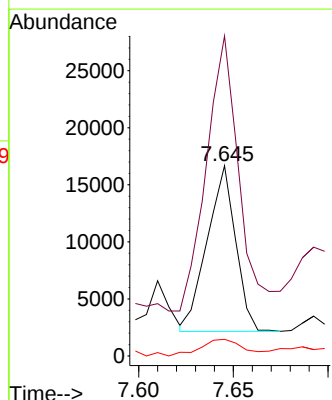
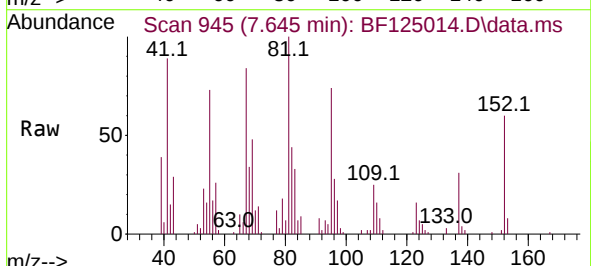
RT: 7.645 min Scan# 945

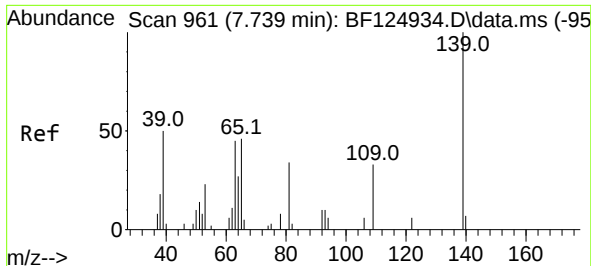
Delta R.T. 0.000 min

Lab File: BF125014.D

Acq: 9 Aug 2021 22:07

Tgt Ion:	82	Resp:	15260
Ion	Ratio	Lower	Upper
82	100		
95	168.2	6.5	9.7#
138	8.8	18.4	27.6#

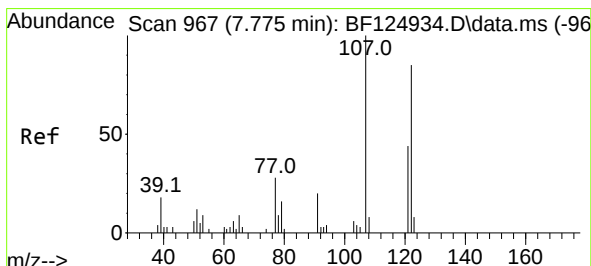
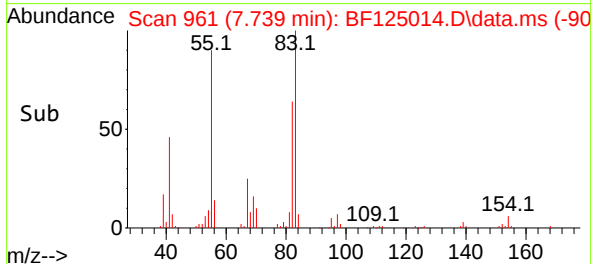
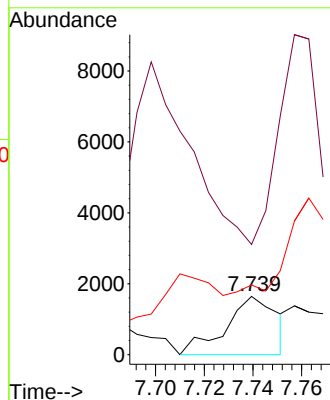
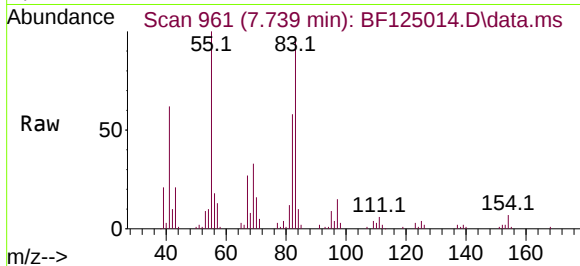




#26
2-Nitrophenol
Concen: 15.80 ng
RT: 7.739 min Scan# 961
Delta R.T. 0.018 min
Lab File: BF125014.D
Acq: 9 Aug 2021 22:07

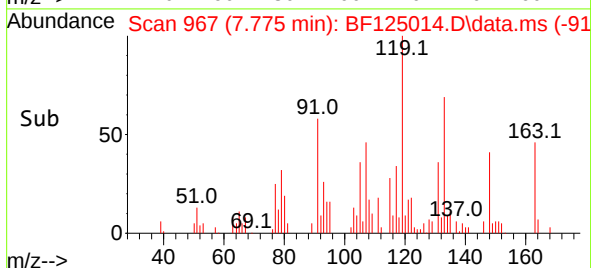
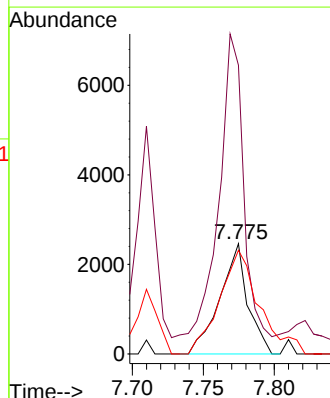
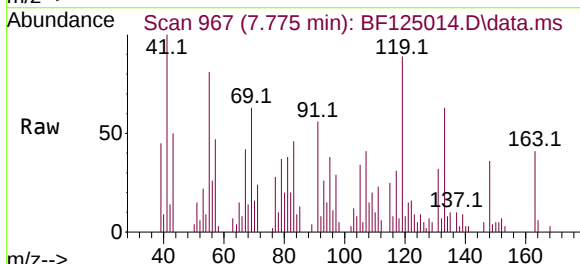
Instrument :
BNA_F
ClientSampled :
TWP03

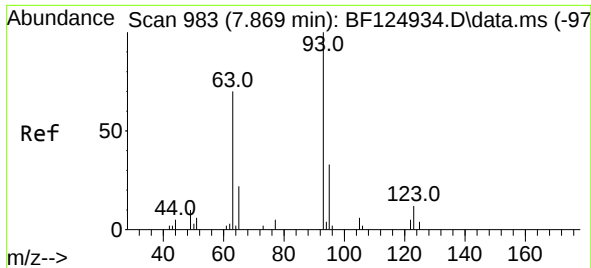
Tgt Ion:139 Resp: 2397
Ion Ratio Lower Upper
139 100
109 189.2 26.0 39.0#
65 119.7 31.0 46.4#



#27
2,4-Dimethylphenol
Concen: 15.69 ng
RT: 7.775 min Scan# 967
Delta R.T. 0.018 min
Lab File: BF125014.D
Acq: 9 Aug 2021 22:07

Tgt Ion:122 Resp: 3375
Ion Ratio Lower Upper
122 100
107 262.0 85.0 127.6#
121 94.1 43.3 64.9#

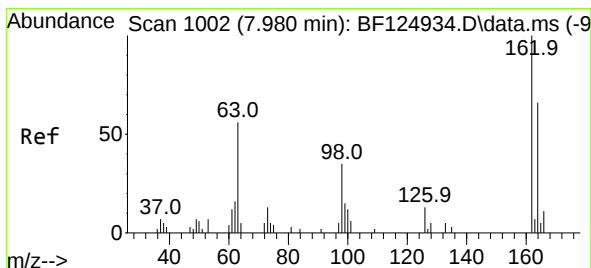
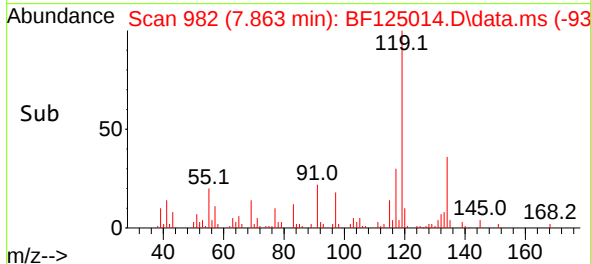
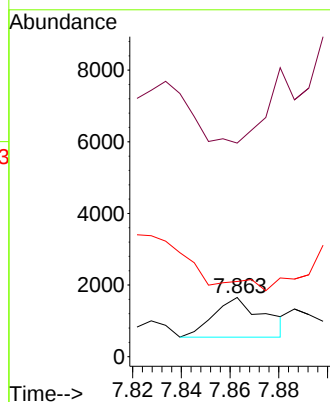
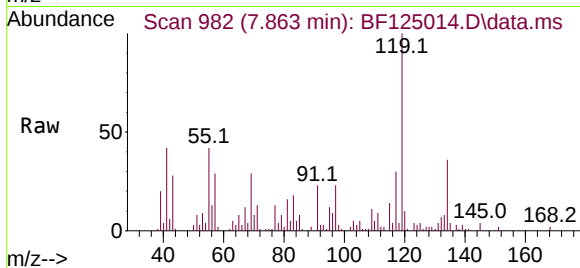




#28
bis(2-Chloroethoxy)methane
Concen: 5.27 ng
RT: 7.863 min Scan# 982
Delta R.T. 0.006 min
Lab File: BF125014.D
Acq: 9 Aug 2021 22:07

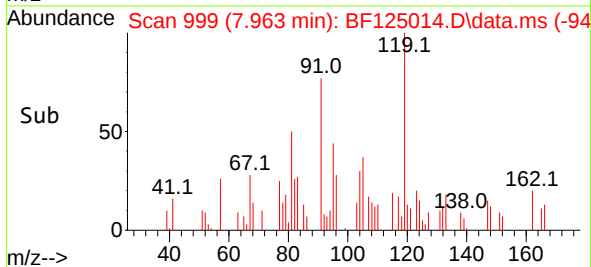
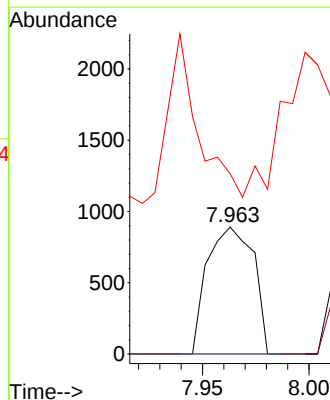
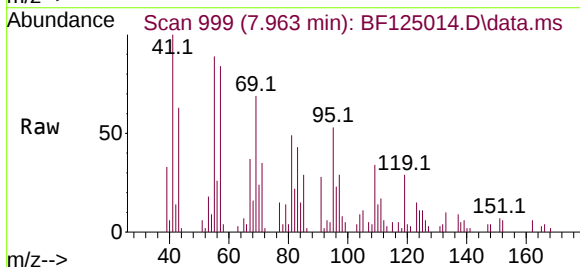
Instrument :
BNA_F
ClientSampleId :
TWP03

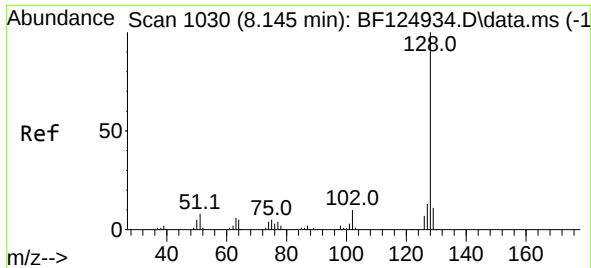
Tgt Ion: 93 Resp: 1580
Ion Ratio Lower Upper
93 100
95 361.1 26.1 39.1#
123 127.1 11.7 17.5#



#29
2,4-Dichlorophenol
Concen: 5.61 ng
RT: 7.963 min Scan# 999
Delta R.T. 0.000 min
Lab File: BF125014.D
Acq: 9 Aug 2021 22:07

Tgt Ion: 162 Resp: 1345
Ion Ratio Lower Upper
162 100
164 0.0 44.5 84.5#
98 142.1 13.0 53.0#

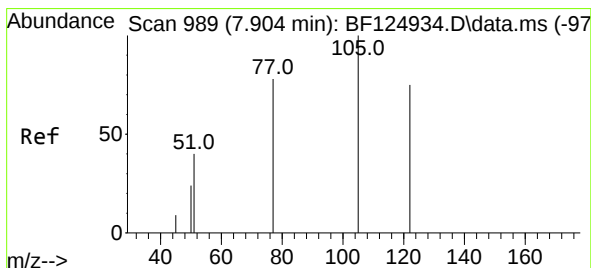
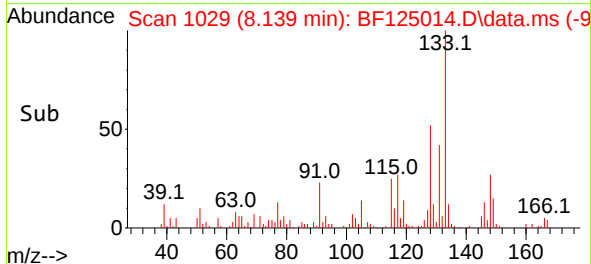
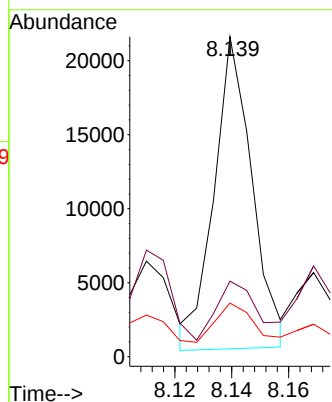
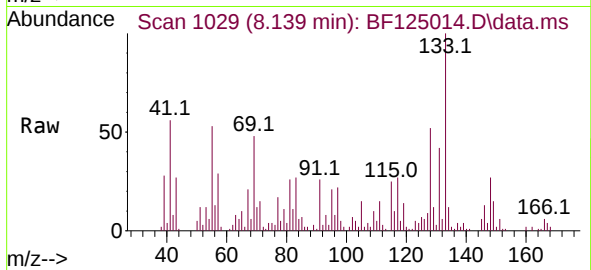




#31
Naphthalene
Concen: 23.56 ng
RT: 8.139 min Scan# 1029
Delta R.T. 0.012 min
Lab File: BF125014.D
Acq: 9 Aug 2021 22:07

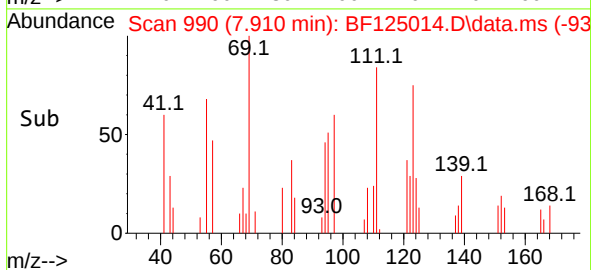
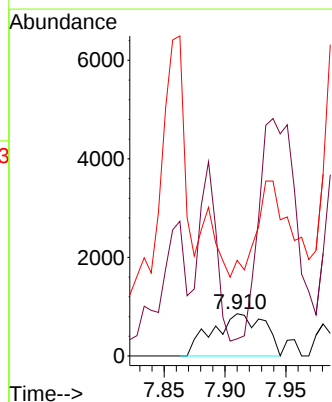
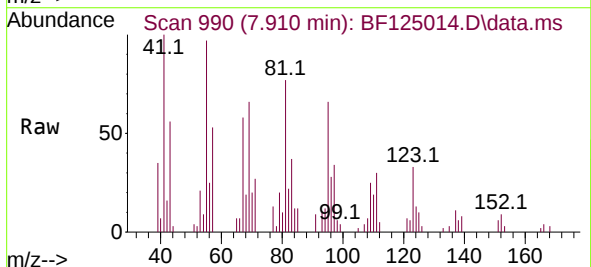
Instrument :
BNA_F
ClientSampleId :
TWP03

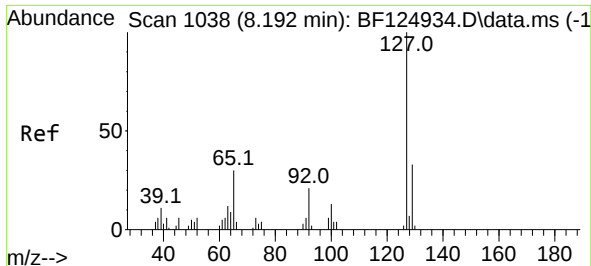
Tgt Ion:128 Resp: 19558
Ion Ratio Lower Upper
128 100
129 23.6 9.4 14.0#
127 16.8 10.9 16.3#



#32
Benzoic acid
Concen: 24.27 ng
RT: 7.910 min Scan# 990
Delta R.T. 0.018 min
Lab File: BF125014.D
Acq: 9 Aug 2021 22:07

Tgt Ion:122 Resp: 2539
Ion Ratio Lower Upper
122 100
105 40.7 97.6 137.6#
77 226.9 59.6 99.6#

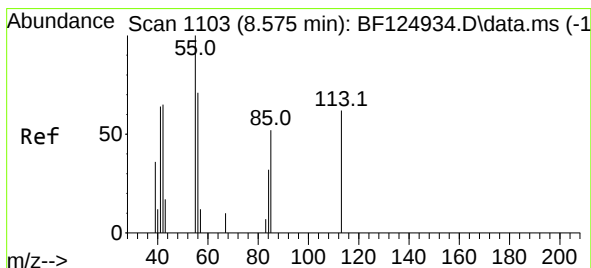
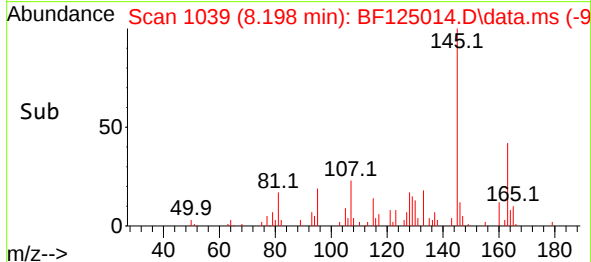
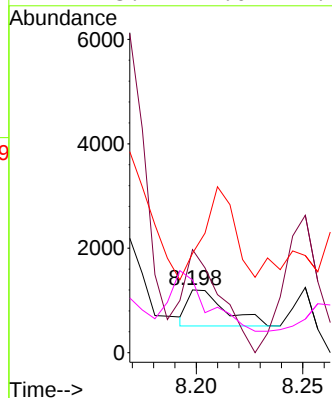
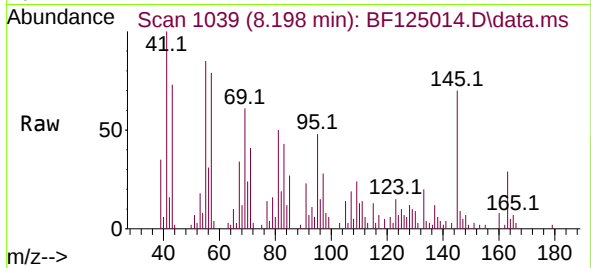




#33
4-Chloroaniline
Concen: 2.74 ng
RT: 8.198 min Scan# 1039
Delta R.T. 0.024 min
Lab File: BF125014.D
Acq: 9 Aug 2021 22:07

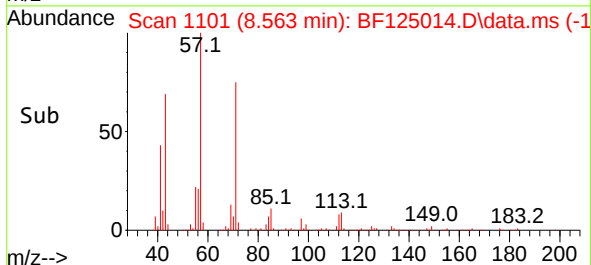
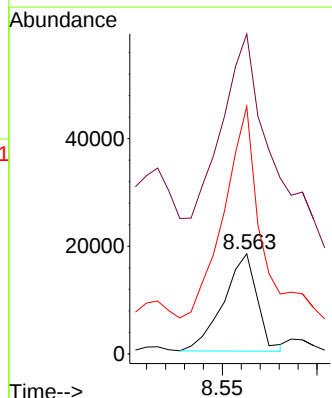
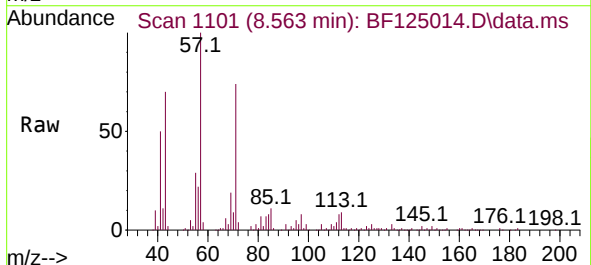
Instrument :
BNA_F
ClientSampleId :
TWP03

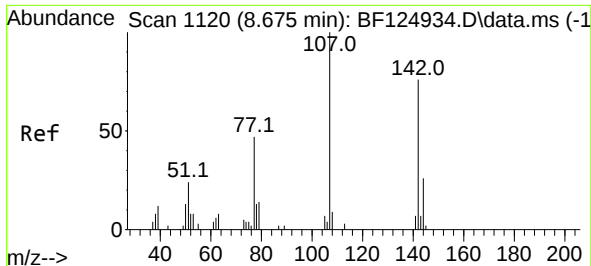
Tgt Ion:127	Resp:	847
Ion	Ratio	Lower Upper
127	100	
129	164.5	25.7 38.5#
65	158.7	21.2 31.8#
92	115.9	14.0 21.0#



#35
Caprolactam
Concen: 351.09 ng
RT: 8.563 min Scan# 1101
Delta R.T. 0.012 min
Lab File: BF125014.D
Acq: 9 Aug 2021 22:07

Tgt Ion:113	Resp:	22342
Ion	Ratio	Lower Upper
113	100	
55	319.5	154.1 194.1#
56	247.1	108.7 148.7#

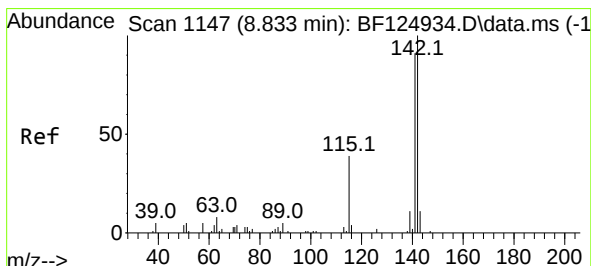
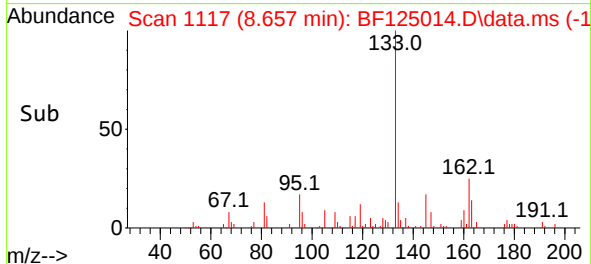
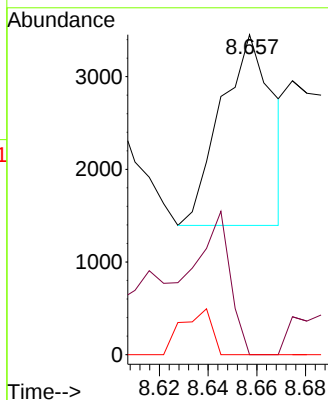
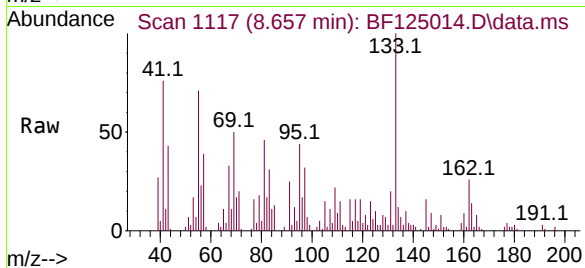




#36
 4-Chloro-3-methylphenol
 Concen: 12.22 ng
 RT: 8.657 min Scan# 1117
 Delta R.T. 0.000 min
 Lab File: BF125014.D
 Acq: 9 Aug 2021 22:07

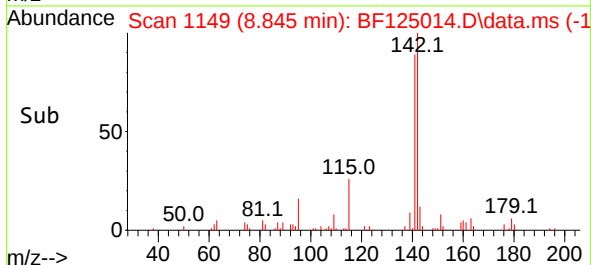
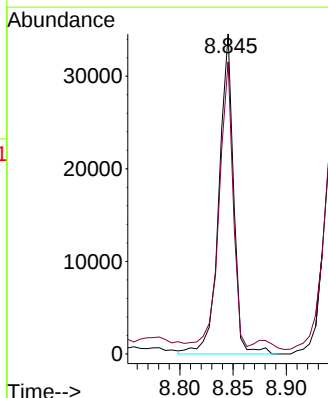
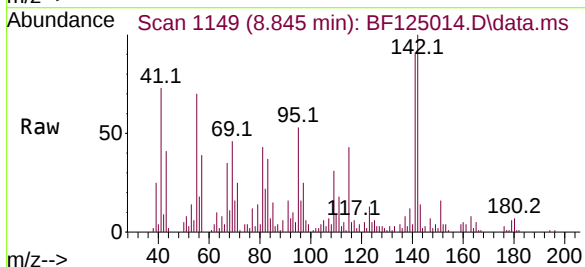
Instrument :
 BNA_F
 ClientSampleId :
 TWP03

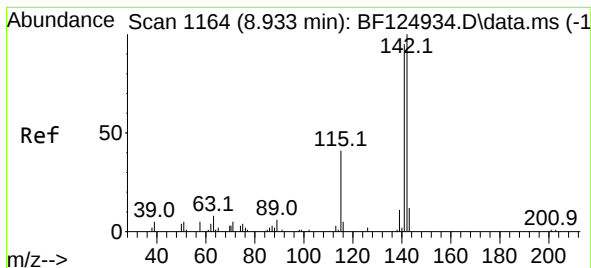
Tgt Ion:107 Resp: 3064
 Ion Ratio Lower Upper
 107 100
 144 0.0 21.9 32.9#
 142 0.0 67.1 100.7#



#37
 2-Methylnaphthalene
 Concen: 58.82 ng
 RT: 8.845 min Scan# 1149
 Delta R.T. 0.030 min
 Lab File: BF125014.D
 Acq: 9 Aug 2021 22:07

Tgt Ion:142 Resp: 32822
 Ion Ratio Lower Upper
 142 100
 141 91.3 71.2 106.8





#38

1-Methylnaphthalene

Concen: 40.81 ng

RT: 8.939 min Scan# 1165

Delta R.T. 0.024 min

Lab File: BF125014.D

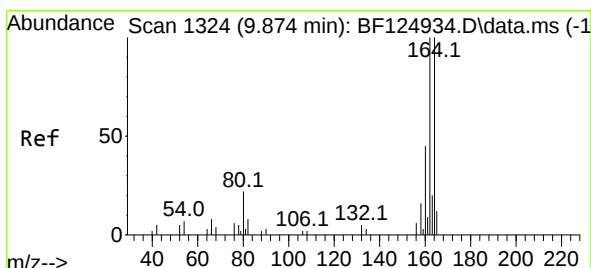
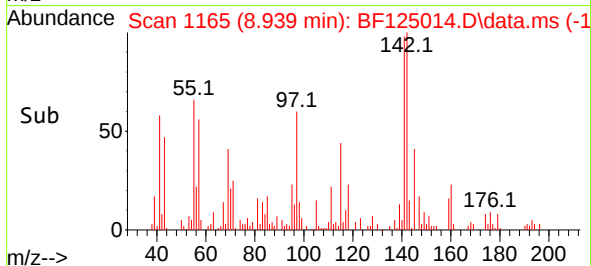
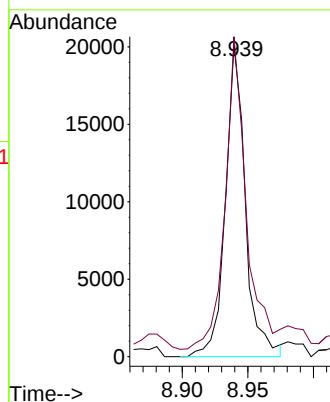
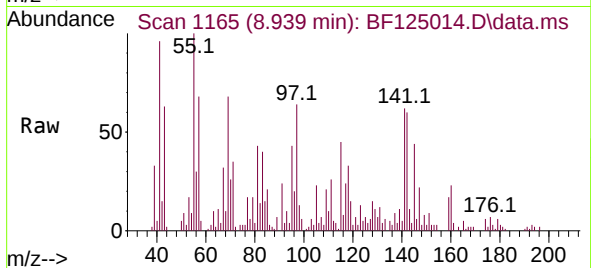
Acq: 9 Aug 2021 22:07

Tgt Ion:142 Resp: 21308

Ion Ratio Lower Upper

142 100

141 102.8 76.0 114.0



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.886 min Scan# 1326

Delta R.T. 0.024 min

Lab File: BF125014.D

Acq: 9 Aug 2021 22:07

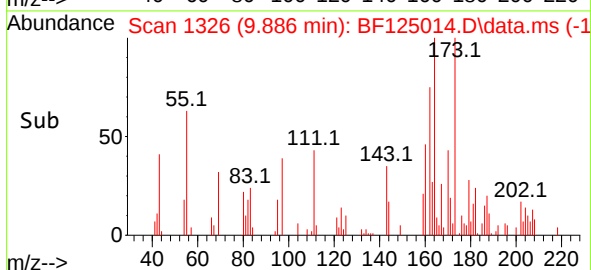
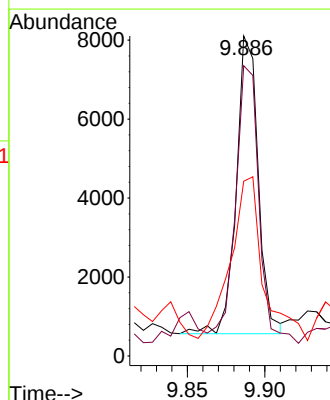
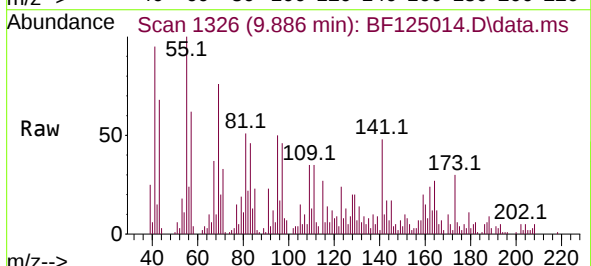
Tgt Ion:164 Resp: 7438

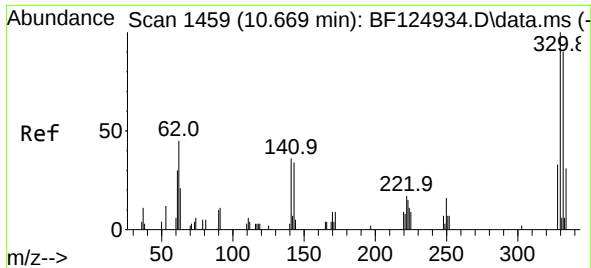
Ion Ratio Lower Upper

164 100

162 90.7 81.3 121.9

160 54.6 38.0 57.0

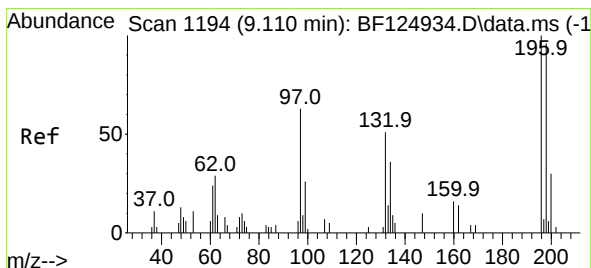
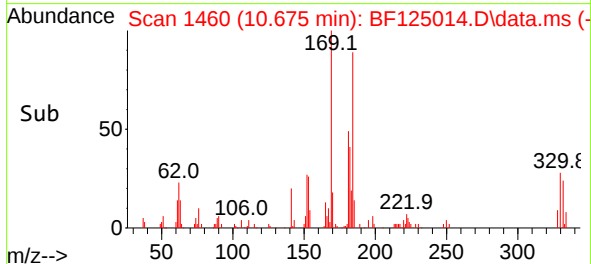
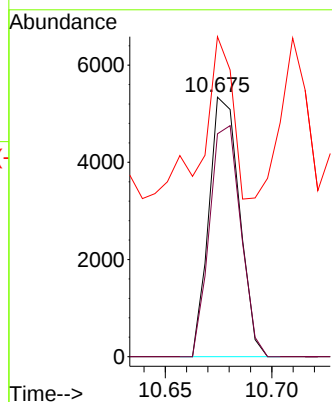
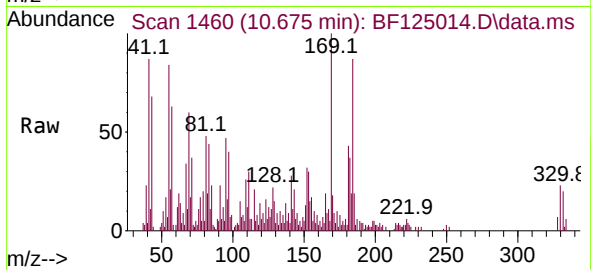




#42
2,4,6-Tribromophenol
Concen: 80.22 ng
RT: 10.675 min Scan# 1460
Delta R.T. 0.024 min
Lab File: BF125014.D
Acq: 9 Aug 2021 22:07

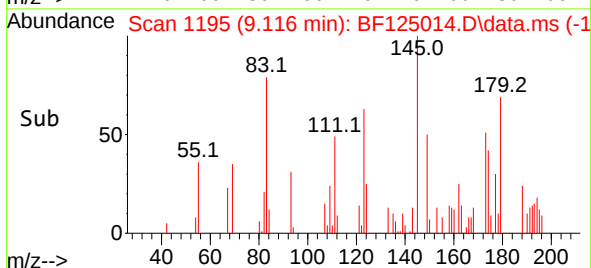
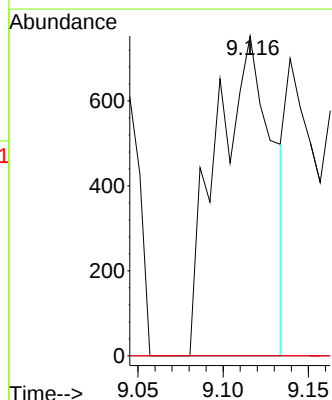
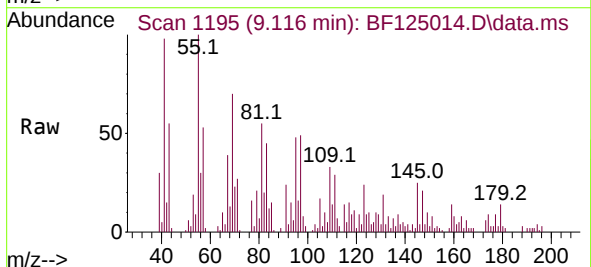
Instrument :
BNA_F
ClientSampleId :
TWP03

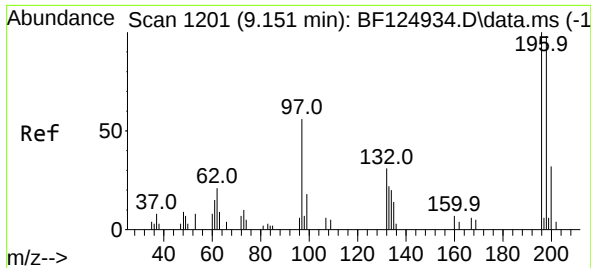
Tgt Ion:330 Resp: 5331
Ion Ratio Lower Upper
330 100
332 91.0 76.2 114.4
141 57.4 44.6 66.8



#43
2,4,6-Trichlorophenol
Concen: 12.13 ng
RT: 9.116 min Scan# 1195
Delta R.T. 0.018 min
Lab File: BF125014.D
Acq: 9 Aug 2021 22:07

Tgt Ion:196 Resp: 1724
Ion Ratio Lower Upper
196 100
198 0.0 74.9 112.3#
200 0.0 27.0 40.4#

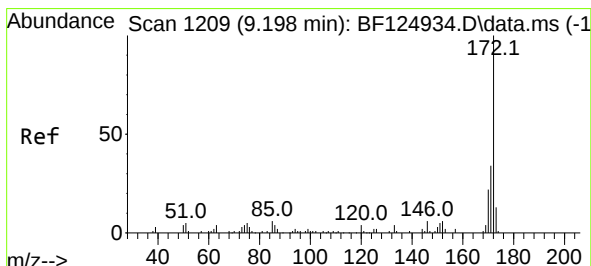
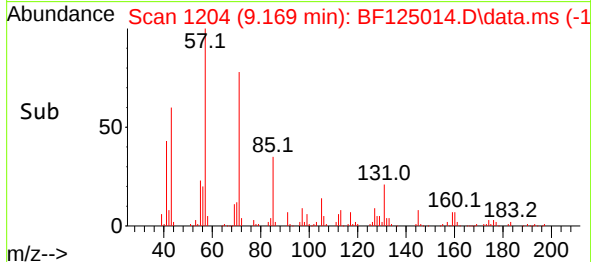
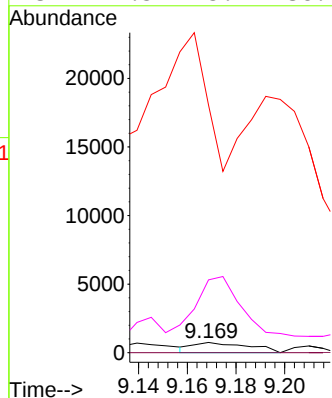
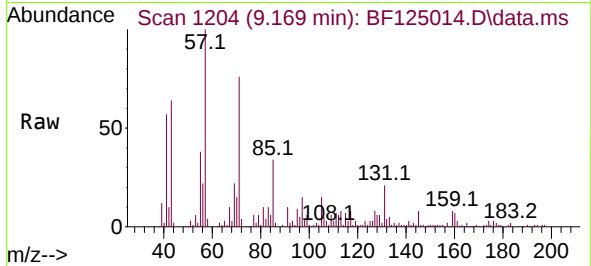




#44
2,4,5-Trichlorophenol
Concen: 8.21 ng
RT: 9.169 min Scan# 1204
Delta R.T. 0.030 min
Lab File: BF125014.D
Acq: 9 Aug 2021 22:07

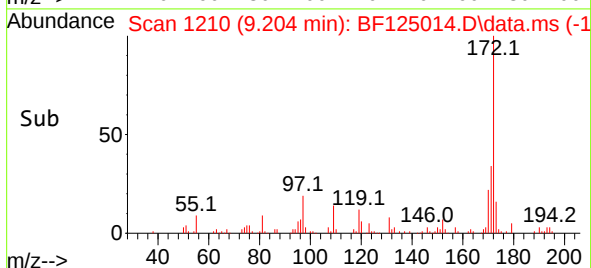
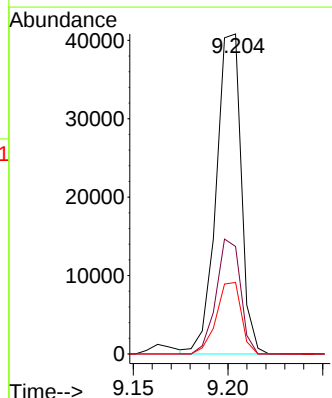
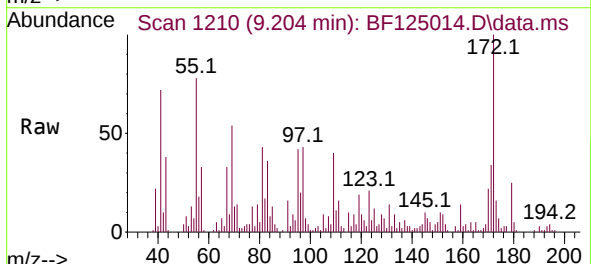
Instrument :
BNA_F
ClientSampled :
TWP03

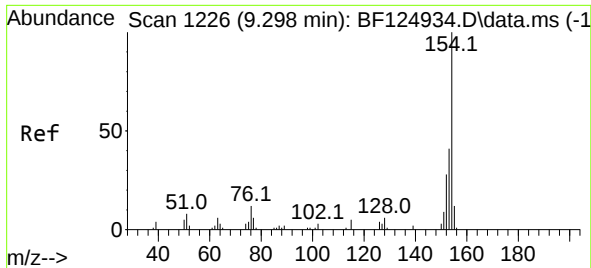
Tgt Ion:196 Resp: 1181
Ion Ratio Lower Upper
196 100
198 0.0 80.2 120.2#
97 2431.2 44.0 66.0#
132 714.5 25.4 38.0#



#45
2-Fluorobiphenyl
Concen: 73.86 ng
RT: 9.204 min Scan# 1210
Delta R.T. 0.024 min
Lab File: BF125014.D
Acq: 9 Aug 2021 22:07

Tgt Ion:172 Resp: 37545
Ion Ratio Lower Upper
172 100
171 33.6 26.5 39.7
170 22.4 18.8 28.2

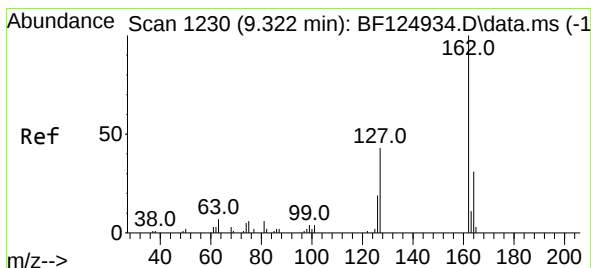
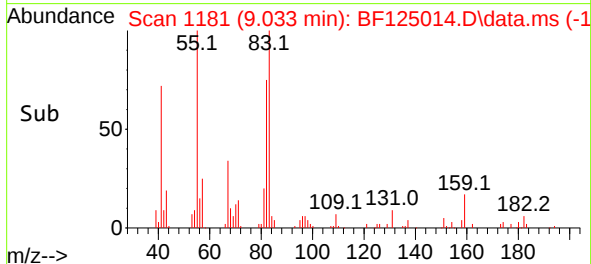
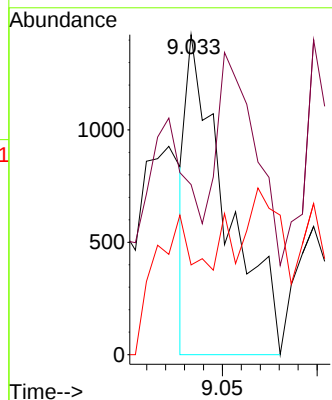
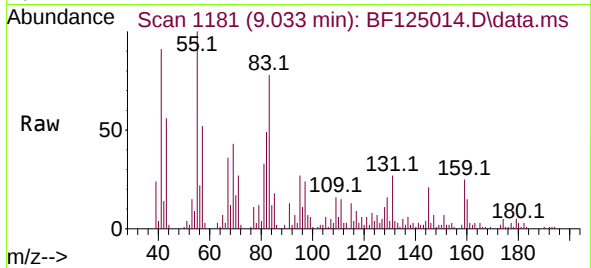




#46
1,1'-Biphenyl
Concen: 3.73 ng
RT: 9.033 min Scan# 1181
Delta R.T. -0.247 min
Lab File: BF125014.D
Acq: 9 Aug 2021 22:07

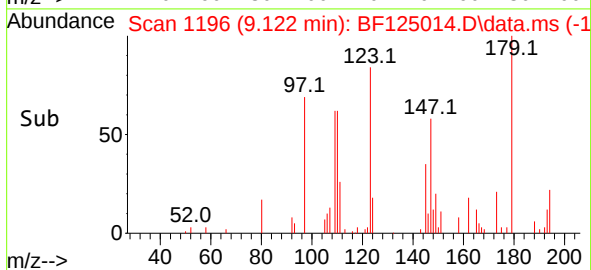
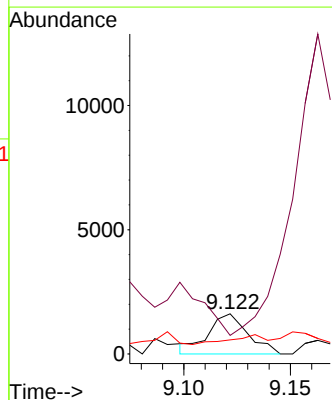
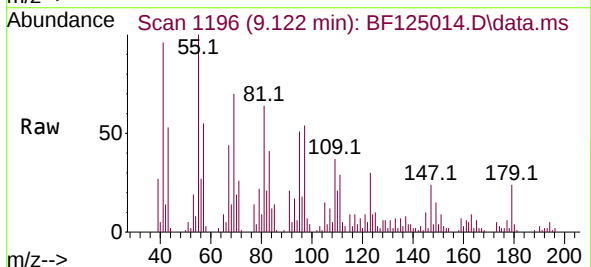
Instrument :
BNA_F
ClientSampleId :
TWP03

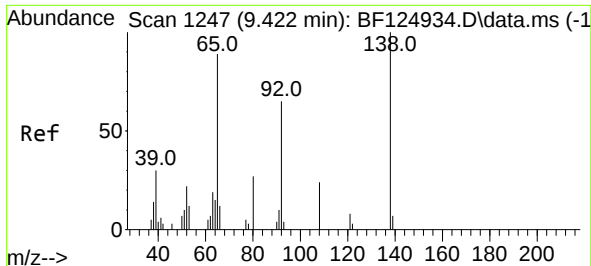
Tgt Ion:154	Resp:	2066
Ion Ratio	Lower	Upper
154	100	
153	53.2	20.0 60.0
76	28.0	0.0 30.3



#47
2-Chloronaphthalene
Concen: 4.75 ng
RT: 9.122 min Scan# 1196
Delta R.T. -0.188 min
Lab File: BF125014.D
Acq: 9 Aug 2021 22:07

Tgt Ion:162	Resp:	2093
Ion Ratio	Lower	Upper
162	100	
127	46.2	33.0 49.4
164	35.3	25.8 38.8

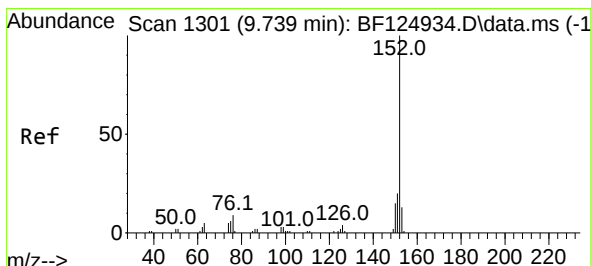
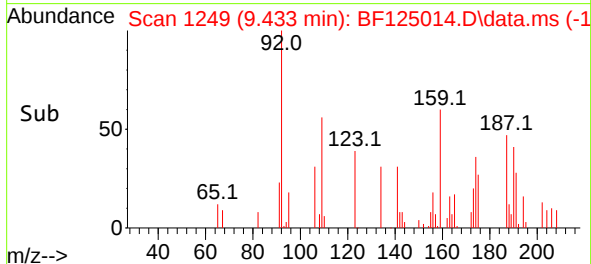
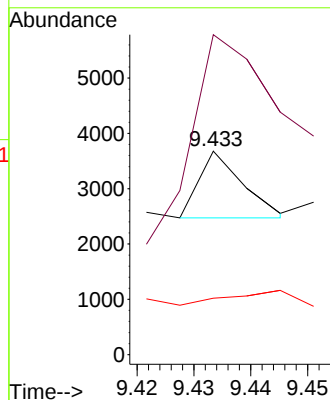
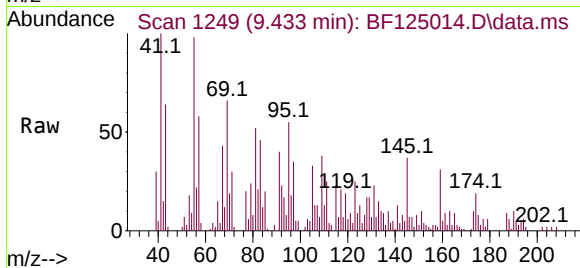




#48
2-Nitroaniline
Concen: 4.95 ng
RT: 9.433 min Scan# 1249
Delta R.T. 0.030 min
Lab File: BF125014.D
Acq: 9 Aug 2021 22:07

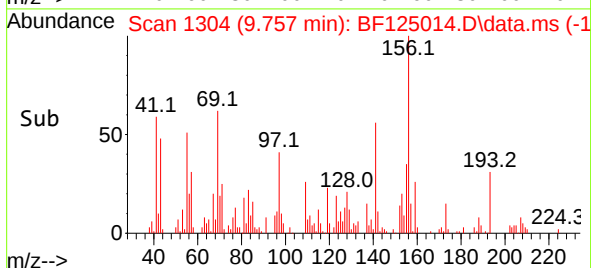
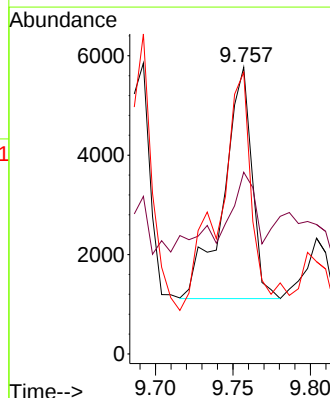
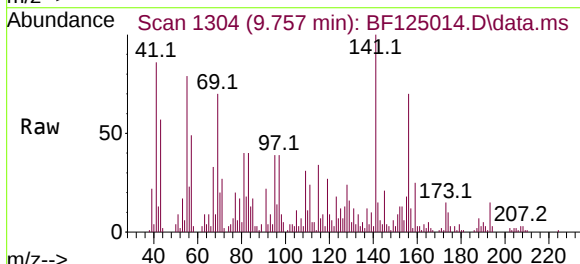
Instrument :
BNA_F
ClientSampled :
TWP03

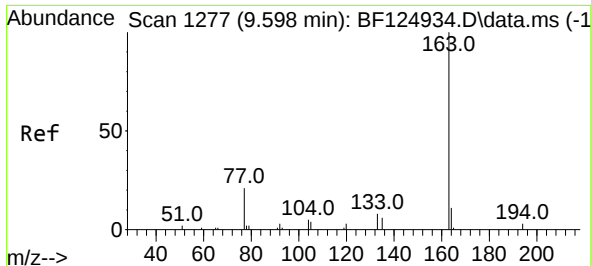
Tgt Ion: 65 Resp: 641
Ion Ratio Lower Upper
65 100
92 157.3 55.5 83.3#
138 27.8 93.5 140.3#



#49
Acenaphthylene
Concen: 8.82 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.035 min
Lab File: BF125014.D
Acq: 9 Aug 2021 22:07

Tgt Ion: 152 Resp: 5907
Ion Ratio Lower Upper
152 100
151 63.4 15.7 23.5#
153 98.2 9.8 14.8#

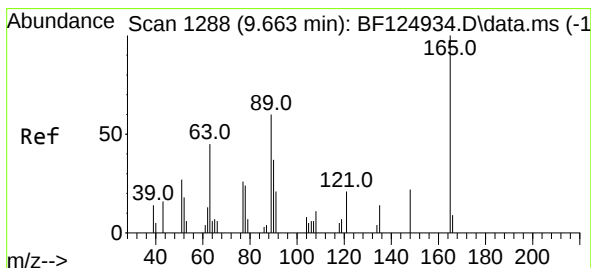
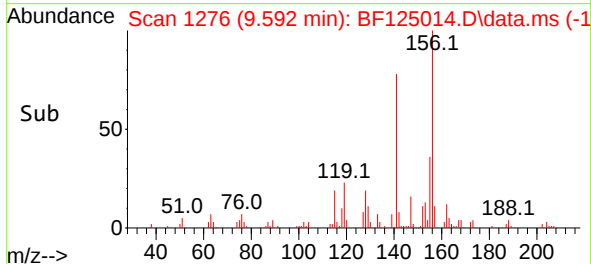
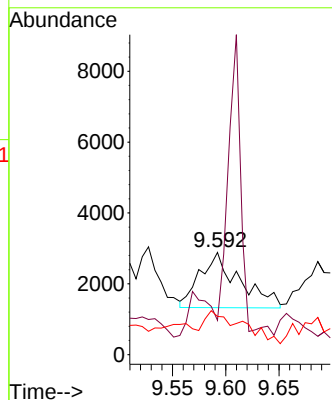
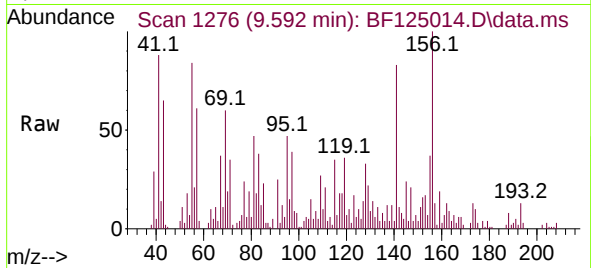




#50
Dimethylphthalate
Concen: 8.01 ng
RT: 9.592 min Scan# 1276
Delta R.T. 0.006 min
Lab File: BF125014.D
Acq: 9 Aug 2021 22:07

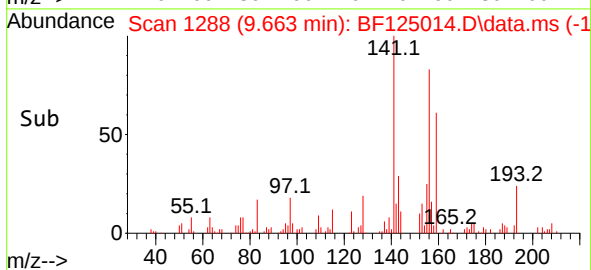
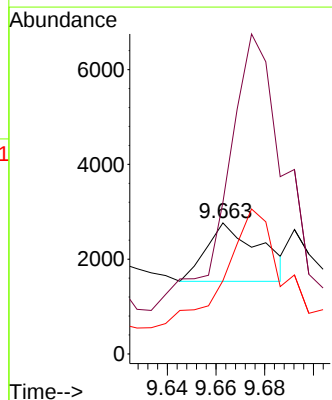
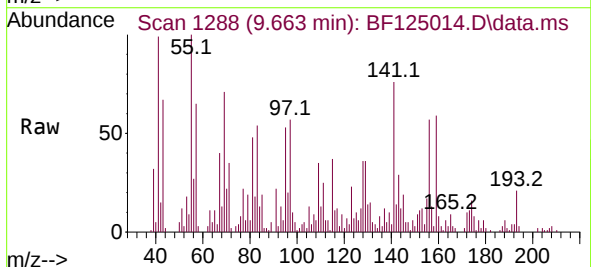
Instrument :
BNA_F
ClientSampled :
TWP03

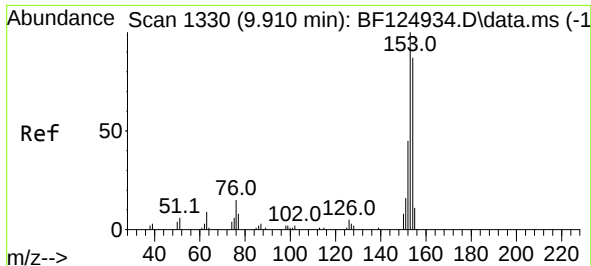
Tgt Ion:163 Resp: 4035
Ion Ratio Lower Upper
163 100
194 33.7 2.6 3.8#
164 37.4 7.4 11.0#



#51
2,6-Dinitrotoluene
Concen: 16.65 ng
RT: 9.663 min Scan# 1288
Delta R.T. 0.018 min
Lab File: BF125014.D
Acq: 9 Aug 2021 22:07

Tgt Ion:165 Resp: 1869
Ion Ratio Lower Upper
165 100
63 115.8 42.6 63.8#
89 55.9 40.6 60.8

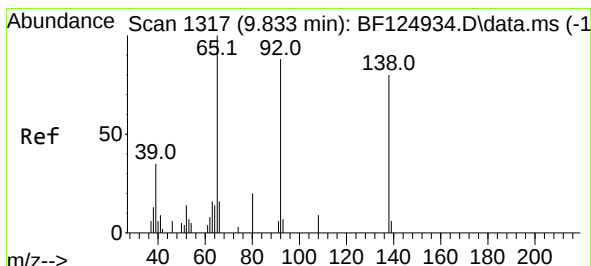
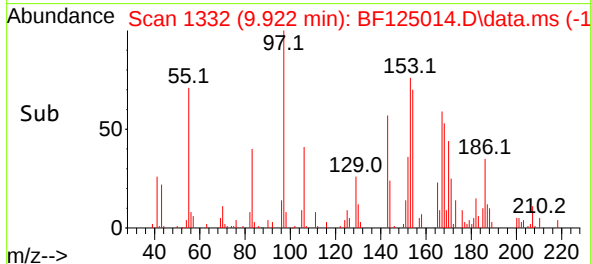
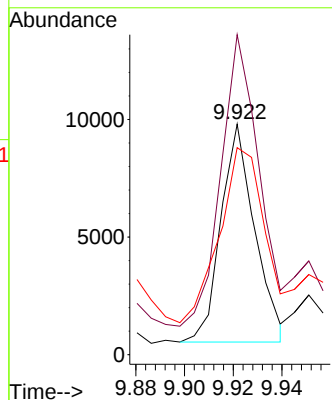
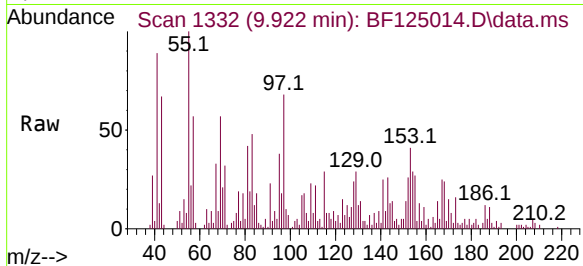




#52
Acenaphthene
Concen: 22.02 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.030 min
Lab File: BF125014.D
Acq: 9 Aug 2021 22:07

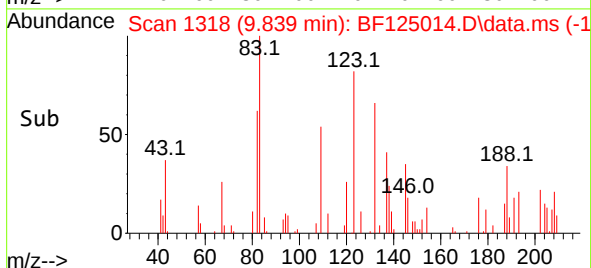
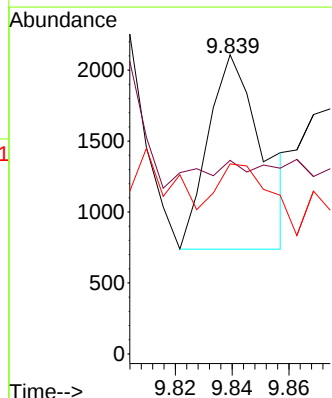
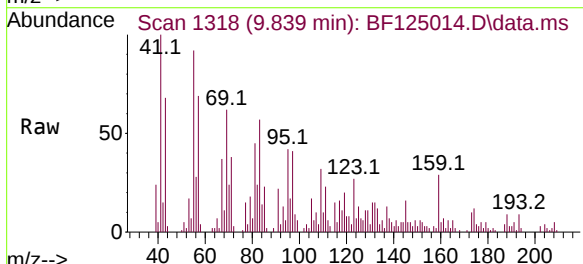
Instrument :
BNA_F
ClientSampled :
TWP03

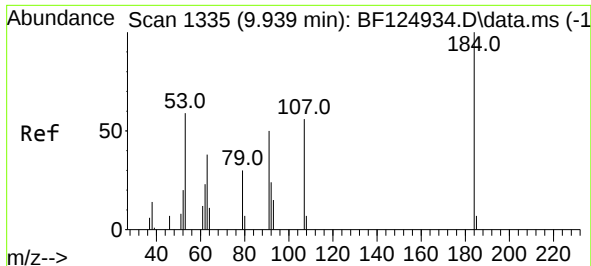
Tgt Ion:154 Resp: 8942
Ion Ratio Lower Upper
154 100
153 138.8 89.4 134.2#
152 89.8 40.5 60.7#



#53
3-Nitroaniline
Concen: 15.38 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.024 min
Lab File: BF125014.D
Acq: 9 Aug 2021 22:07

Tgt Ion:138 Resp: 1818
Ion Ratio Lower Upper
138 100
108 64.7 9.3 13.9#
92 63.5 76.5 114.7#

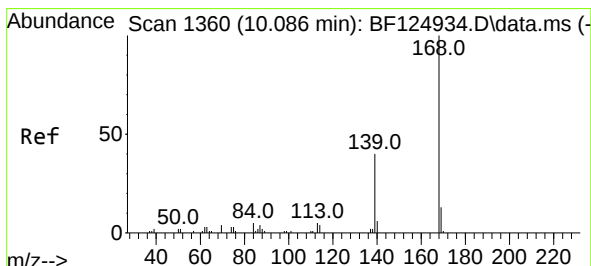
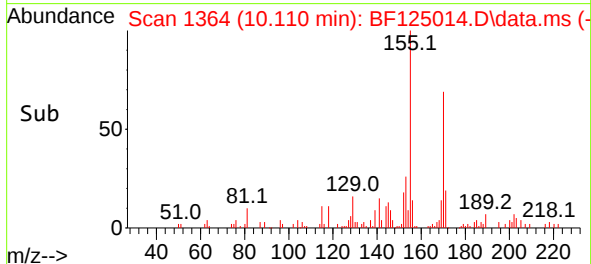
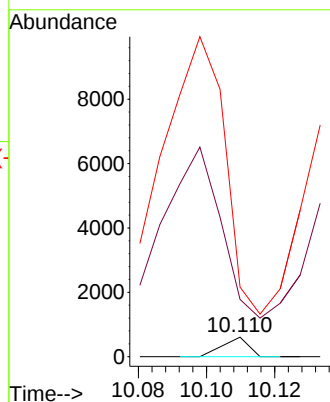
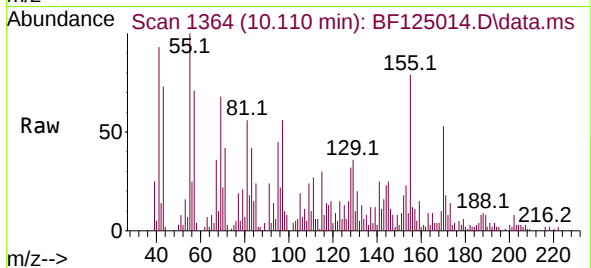




#54
2,4-Dinitrophenol
Concen: 10.68 ng
RT: 10.110 min Scan# 1364
Delta R.T. 0.182 min
Lab File: BF125014.D
Acq: 9 Aug 2021 22:07

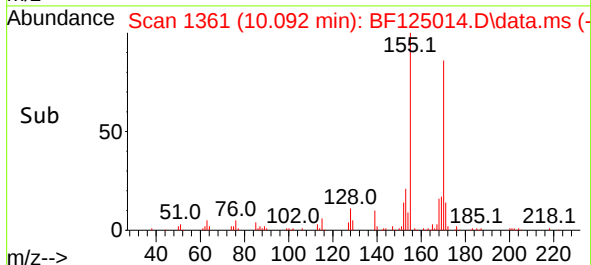
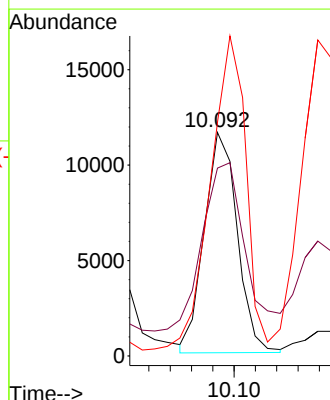
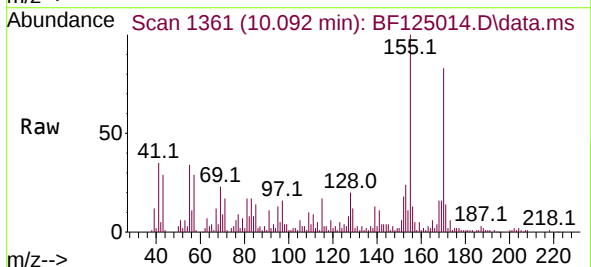
Instrument :
BNA_F
ClientSampled :
TWP03

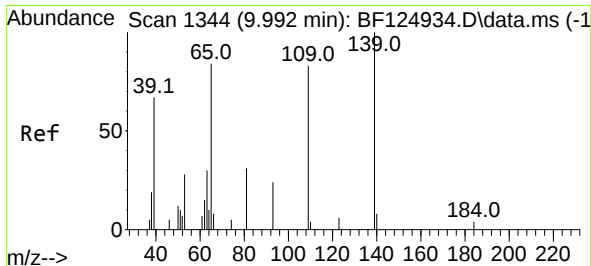
Tgt Ion:184 Resp: 321
Ion Ratio Lower Upper
184 100
63 293.1 59.3 88.9#
154 356.0 68.6 102.8#



#55
Dibenzofuran
Concen: 19.54 ng
RT: 10.092 min Scan# 1361
Delta R.T. 0.029 min
Lab File: BF125014.D
Acq: 9 Aug 2021 22:07

Tgt Ion:168 Resp: 12401
Ion Ratio Lower Upper
168 100
139 84.0 32.7 49.1#
169 104.5 11.2 16.8#

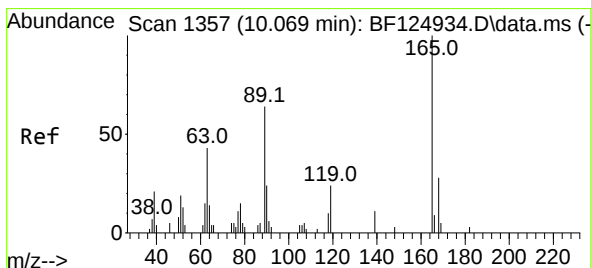
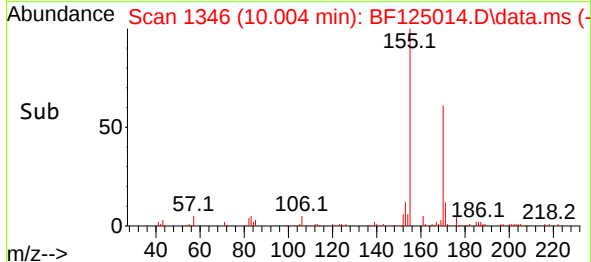
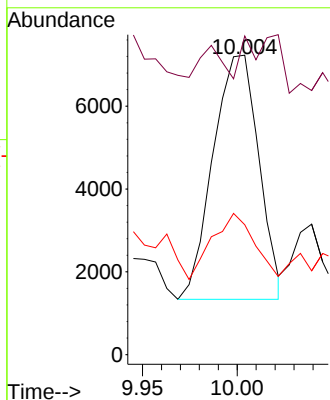
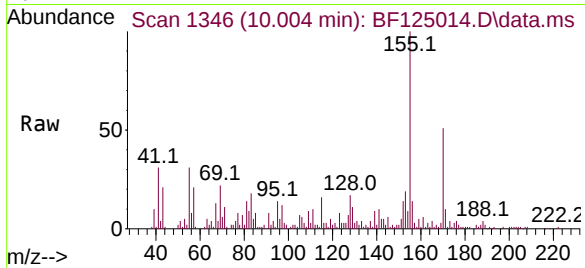




#56
4-Nitrophenol
Concen: 127.20 ng
RT: 10.004 min Scan# 1346
Delta R.T. 0.024 min
Lab File: BF125014.D
Acq: 9 Aug 2021 22:07

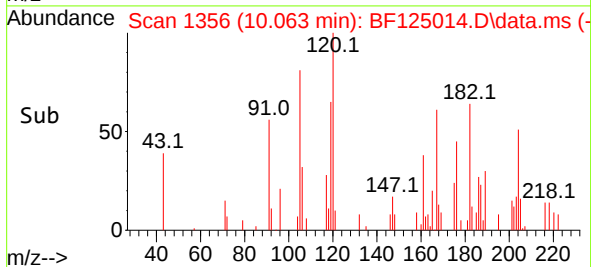
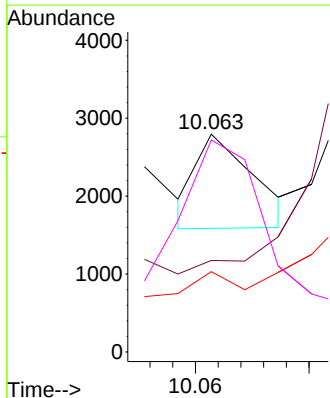
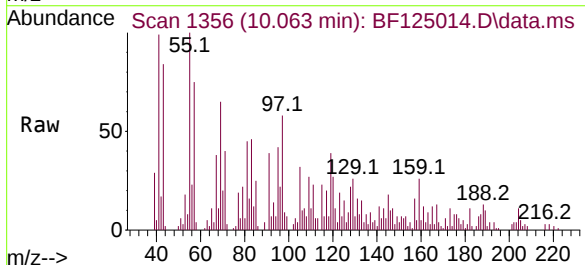
Instrument :
BNA_F
ClientSampleId :
TWP03

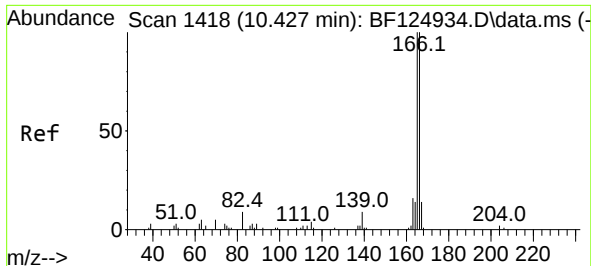
Tgt Ion:139 Resp: 9912
Ion Ratio Lower Upper
139 100
109 106.4 60.4 100.4#
65 43.4 58.4 98.4#



#57
2,4-Dinitrotoluene
Concen: 5.52 ng
RT: 10.063 min Scan# 1356
Delta R.T. 0.012 min
Lab File: BF125014.D
Acq: 9 Aug 2021 22:07

Tgt Ion:165 Resp: 841
Ion Ratio Lower Upper
165 100
63 42.1 40.9 61.3
89 36.9 59.7 89.5#
182 97.4 0.0 0.0#

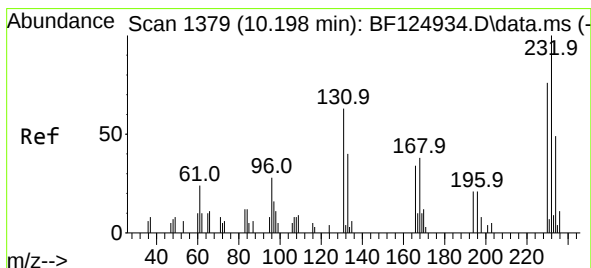
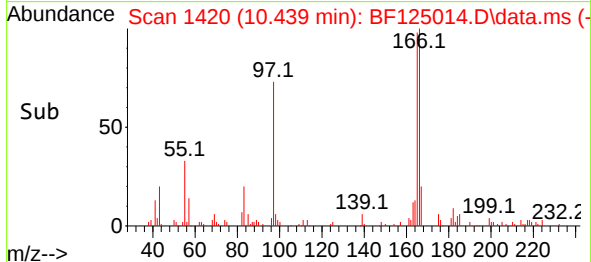
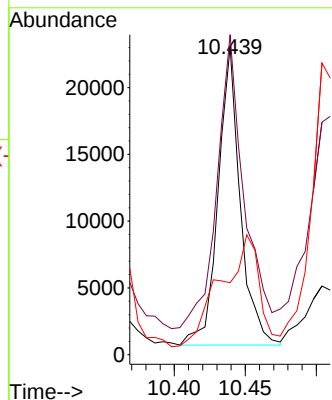
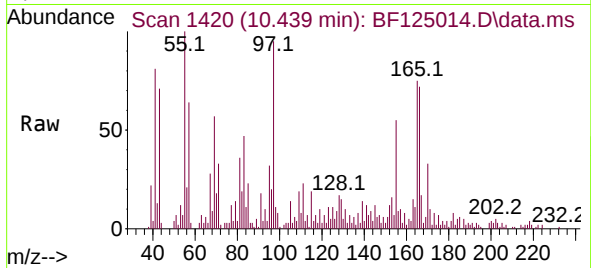




#58
Fluorene
Concen: 49.75 ng
RT: 10.439 min Scan# 1420
Delta R.T. 0.030 min
Lab File: BF125014.D
Acq: 9 Aug 2021 22:07

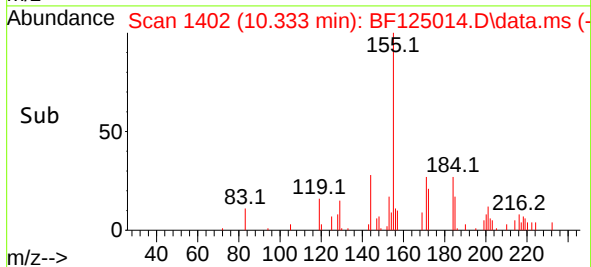
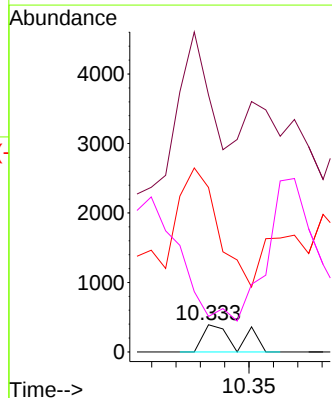
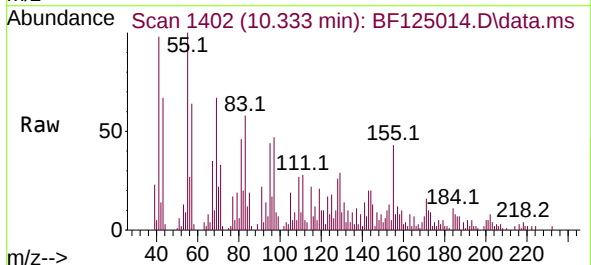
Instrument :
BNA_F
ClientSampled :
TWP03

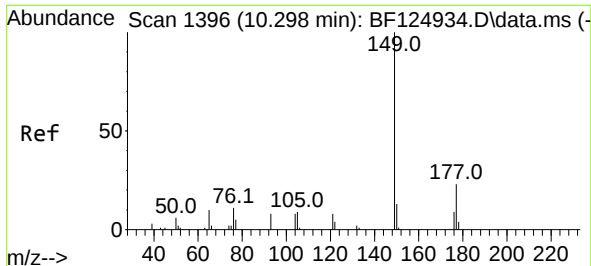
Tgt Ion:166 Resp: 24210
Ion Ratio Lower Upper
166 100
165 103.8 78.1 117.1
167 23.4 11.1 16.7#



#59
2,3,4,6-Tetrachlorophenol
Concen: 3.55 ng
RT: 10.333 min Scan# 1402
Delta R.T. 0.147 min
Lab File: BF125014.D
Acq: 9 Aug 2021 22:07

Tgt Ion:232 Resp: 383
Ion Ratio Lower Upper
232 100
131 574.9 45.4 68.0#
130 492.4 0.0 0.0#
166 0.0 28.5 42.7#

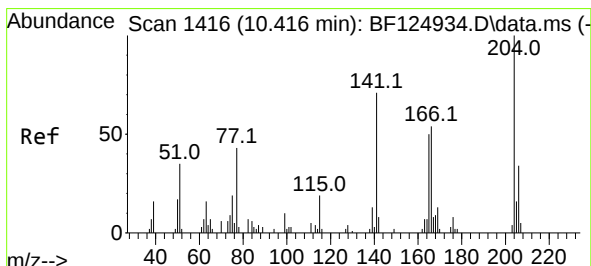
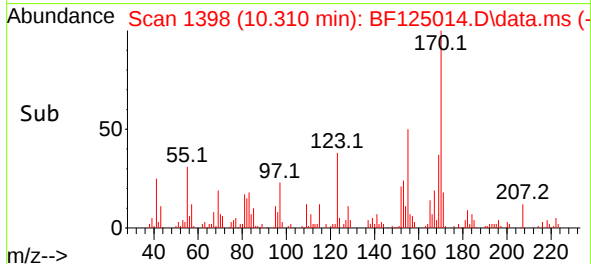
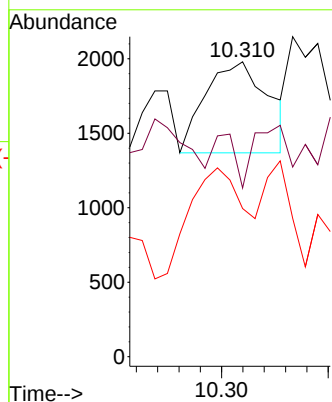
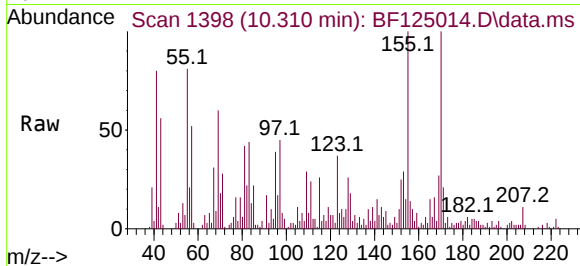




#60
Diethylphthalate
Concen: 2.40 ng
RT: 10.310 min Scan# 1398
Delta R.T. 0.030 min
Lab File: BF125014.D
Acq: 9 Aug 2021 22:07

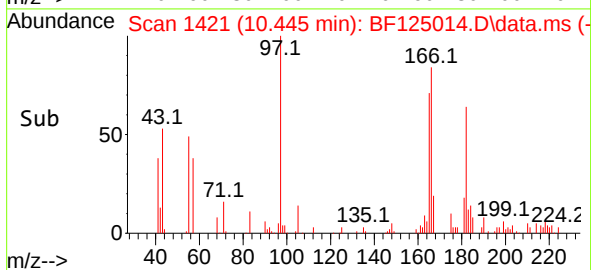
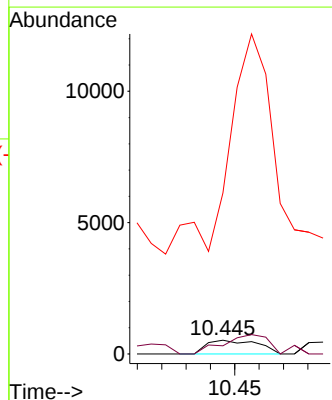
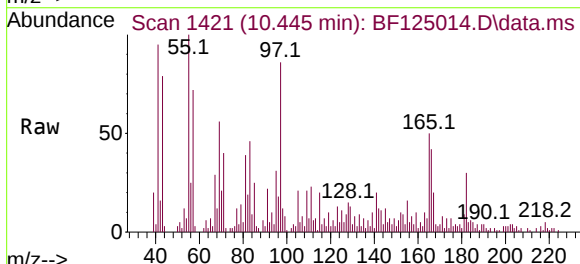
Instrument :
BNA_F
ClientSampled :
TWP03

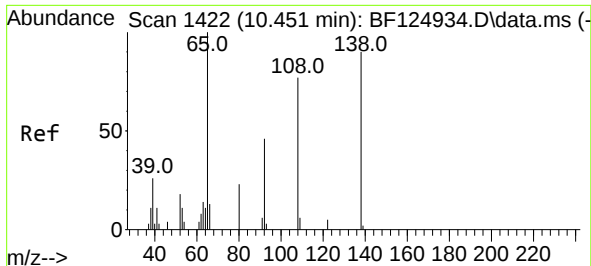
Tgt Ion:149 Resp: 1241
Ion Ratio Lower Upper
149 100
177 57.2 16.5 24.7#
150 50.3 10.1 15.1#



#61
4-Chlorophenyl-phenylether
Concen: 3.32 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.047 min
Lab File: BF125014.D
Acq: 9 Aug 2021 22:07

Tgt Ion:204 Resp: 763
Ion Ratio Lower Upper
204 100
206 59.4 27.6 41.4#
141 1167.2 58.6 88.0#

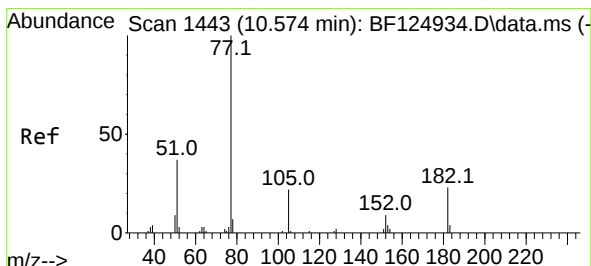
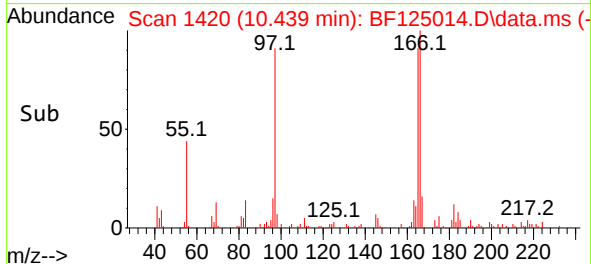
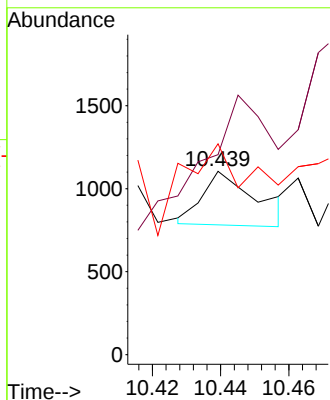
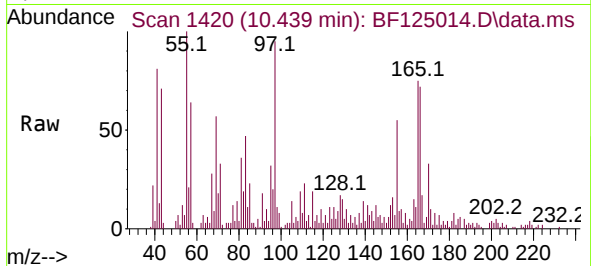




#62
4-Nitroaniline
Concen: 3.08 ng
RT: 10.439 min Scan# 1420
Delta R.T. 0.006 min
Lab File: BF125014.D
Acq: 9 Aug 2021 22:07

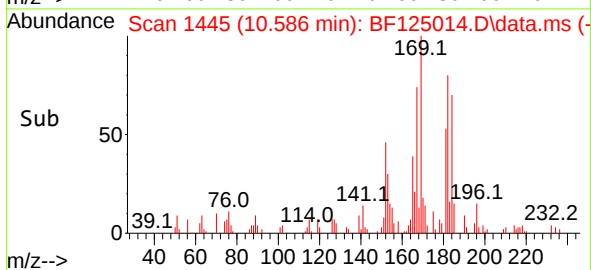
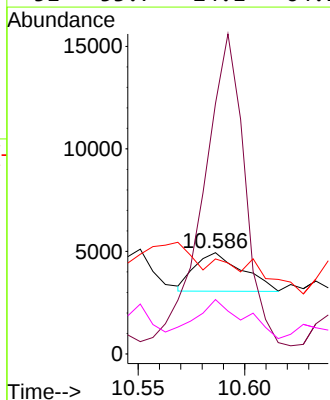
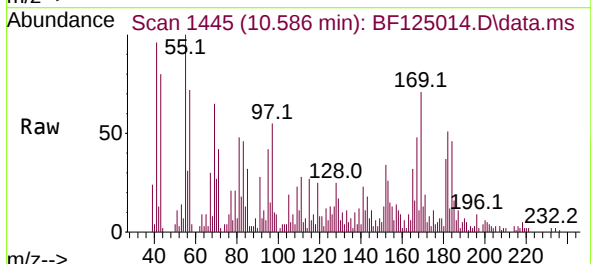
Instrument :
BNA_F
ClientSampleId :
TWP03

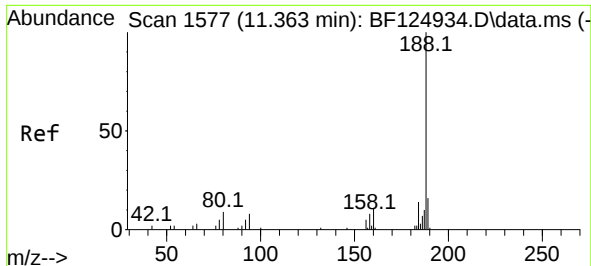
Tgt Ion:138 Resp: 353
Ion Ratio Lower Upper
138 100
92 109.0 29.6 69.6#
108 115.0 78.1 118.1



#63
Azobenzene
Concen: 5.75 ng
RT: 10.586 min Scan# 1445
Delta R.T. 0.024 min
Lab File: BF125014.D
Acq: 9 Aug 2021 22:07

Tgt Ion: 77 Resp: 2911
Ion Ratio Lower Upper
77 100
182 247.0 6.3 46.3#
105 93.7 2.9 42.9#
51 53.7 24.1 64.1

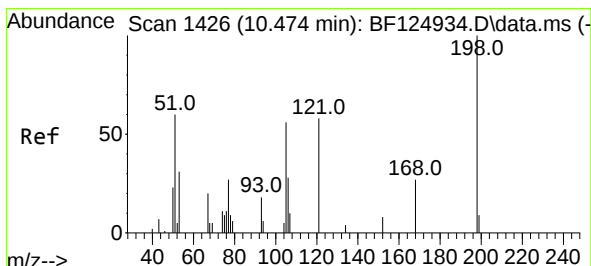
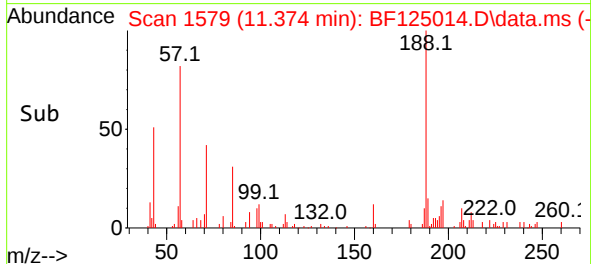
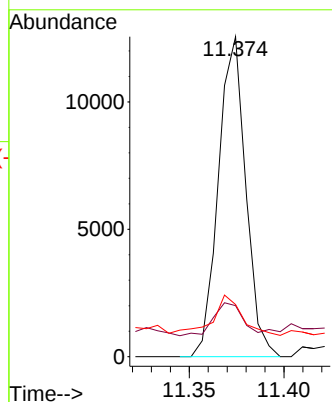
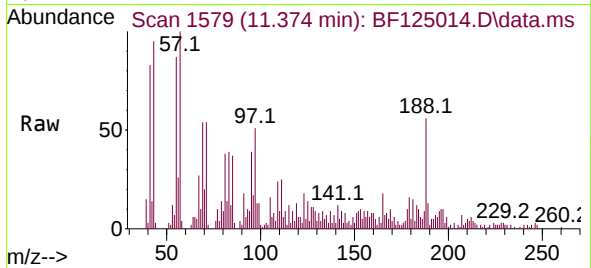




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.374 min Scan# 1579
Delta R.T. 0.030 min
Lab File: BF125014.D
Acq: 9 Aug 2021 22:07

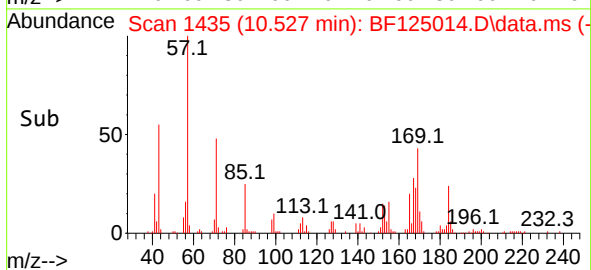
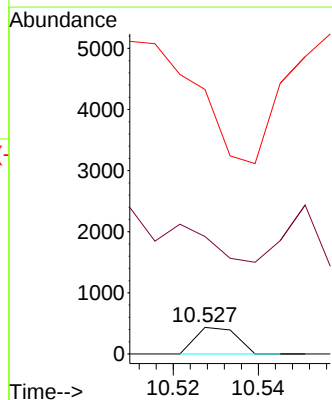
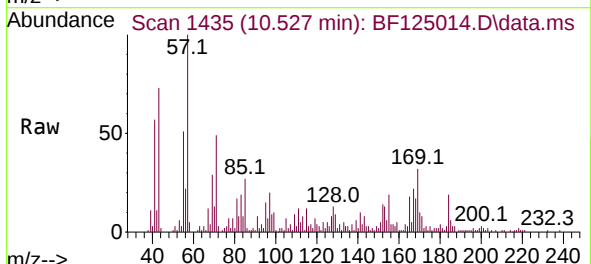
Instrument :
BNA_F
ClientSampled :
TWP03

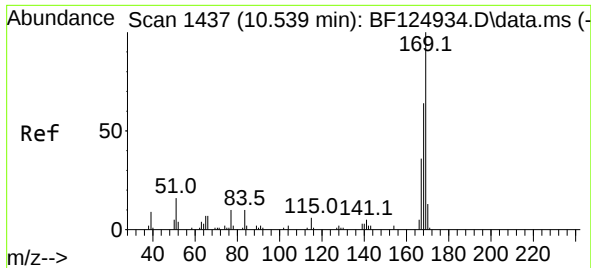
Tgt Ion:188 Resp: 12627
Ion Ratio Lower Upper
188 100
94 15.9 6.7 10.1#
80 16.3 7.5 11.3#



#65
4,6-Dinitro-2-methylphenol
Concen: 3.70 ng
RT: 10.527 min Scan# 1435
Delta R.T. 0.065 min
Lab File: BF125014.D
Acq: 9 Aug 2021 22:07

Tgt Ion:198 Resp: 293
Ion Ratio Lower Upper
198 100
51 441.6 45.3 85.3#
105 994.7 30.6 70.6#

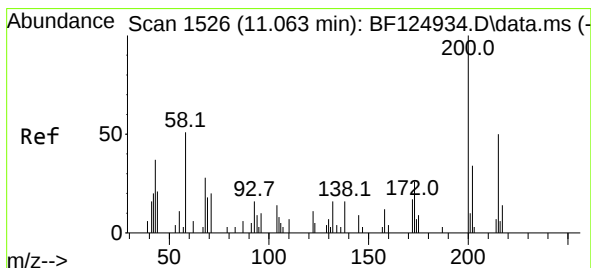
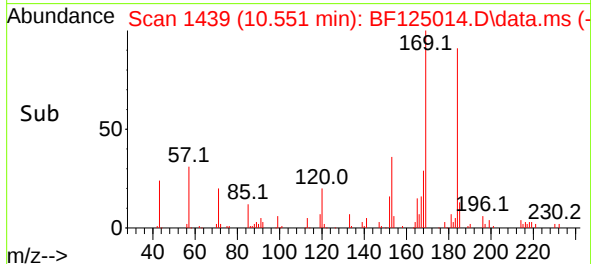
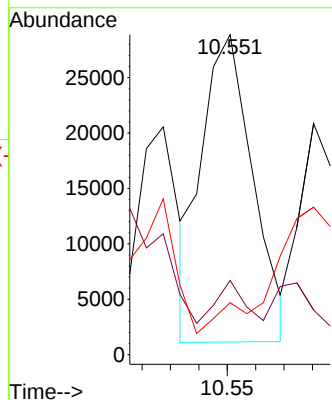
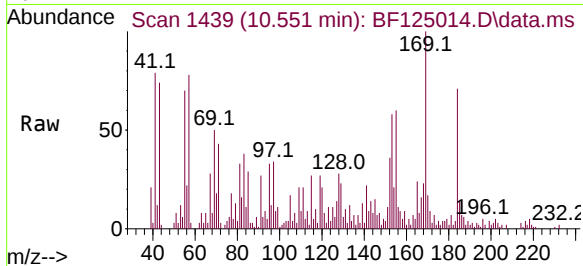




#66
n-Nitrosodiphenylamine
Concen: 84.51 ng
RT: 10.551 min Scan# 1439
Delta R.T. 0.029 min
Lab File: BF125014.D
Acq: 9 Aug 2021 22:07

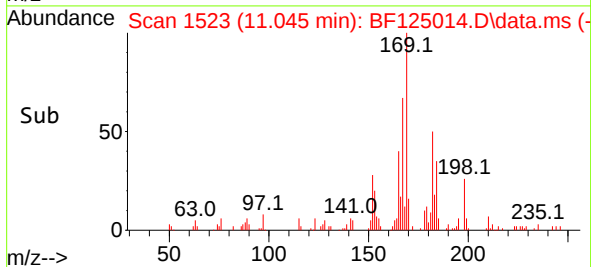
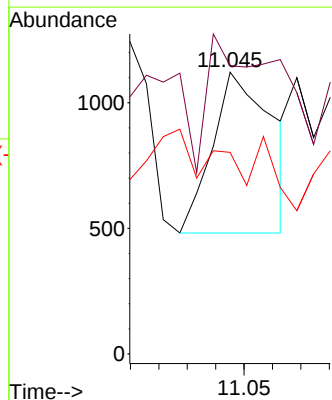
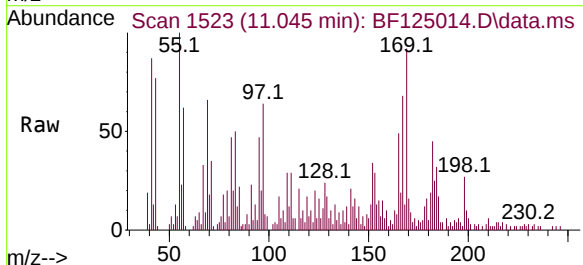
Instrument :
BNA_F
ClientSampleId :
TWP03

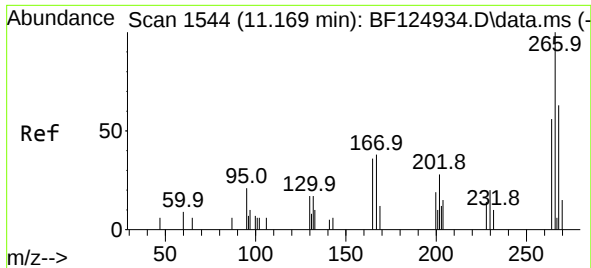
Tgt Ion:169 Resp: 34588
Ion Ratio Lower Upper
169 100
168 23.2 50.8 76.2#
167 16.3 28.8 43.2#



#69
Atrazine
Concen: 7.54 ng
RT: 11.045 min Scan# 1523
Delta R.T. 0.000 min
Lab File: BF125014.D
Acq: 9 Aug 2021 22:07

Tgt Ion:200 Resp: 927
Ion Ratio Lower Upper
200 100
173 102.2 11.1 51.1#
215 71.6 22.7 62.7#

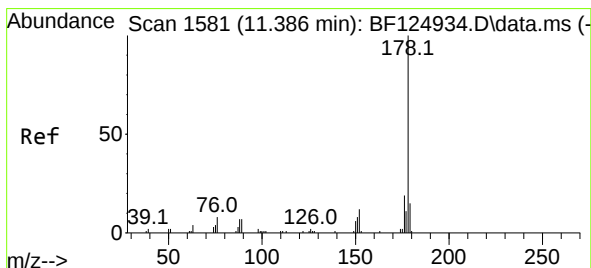
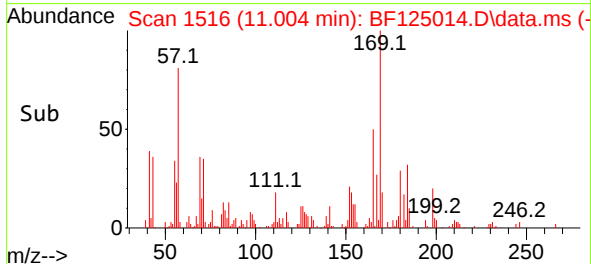
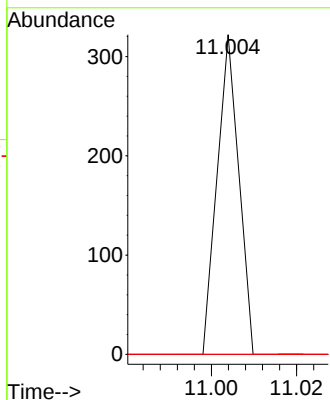
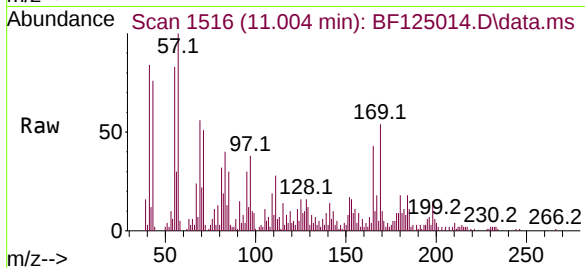




#70
Pentachlorophenol
Concen: 5.12 ng
RT: 11.004 min Scan# 1516
Delta R.T. -0.147 min
Lab File: BF125014.D
Acq: 9 Aug 2021 22:07

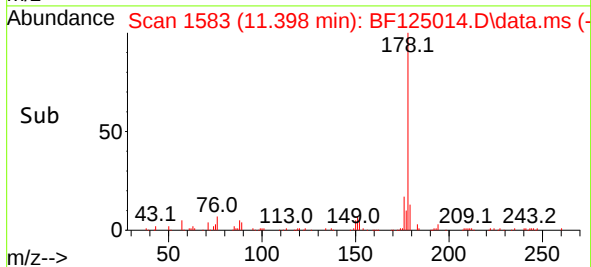
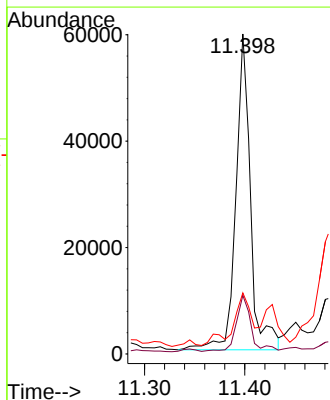
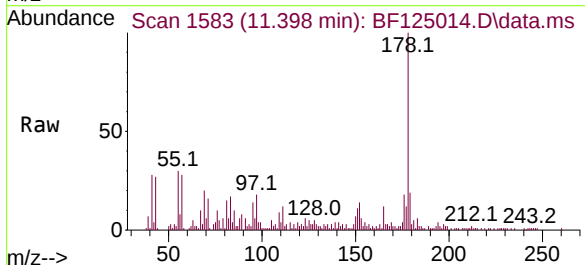
Instrument :
BNA_F
ClientSampled :
TWP03

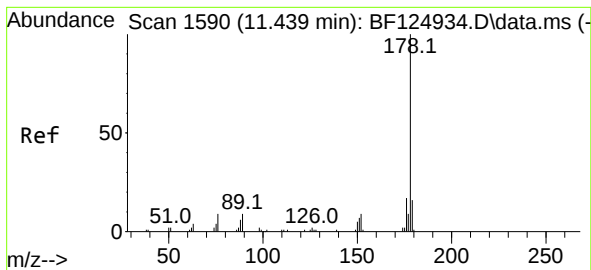
Tgt Ion:266 Resp: 114
Ion Ratio Lower Upper
266 100
268 0.0 48.9 73.3#
264 0.0 55.9 83.9#



#71
Phenanthrene
Concen: 88.44 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.029 min
Lab File: BF125014.D
Acq: 9 Aug 2021 22:07

Tgt Ion:178 Resp: 60576
Ion Ratio Lower Upper
178 100
176 18.3 14.7 22.1
179 19.1 11.5 17.3#

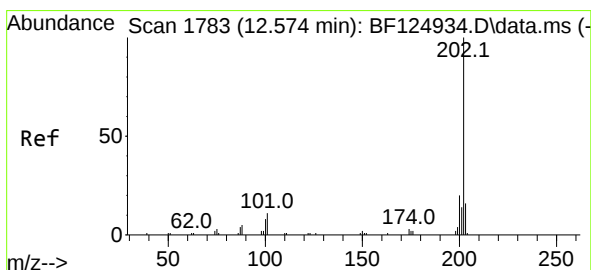
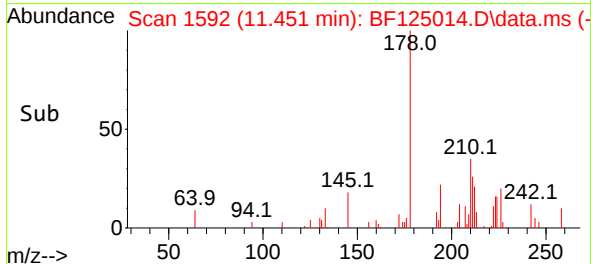
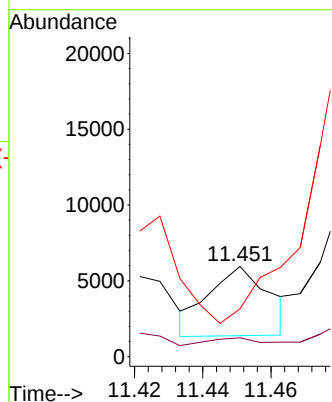
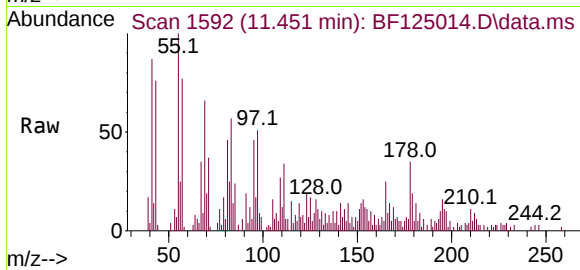




#72
 Anthracene
 Concen: 8.16 ng
 RT: 11.451 min Scan# 1592
 Delta R.T. 0.029 min
 Lab File: BF125014.D
 Acq: 9 Aug 2021 22:07

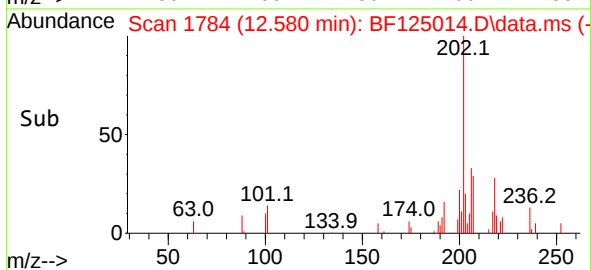
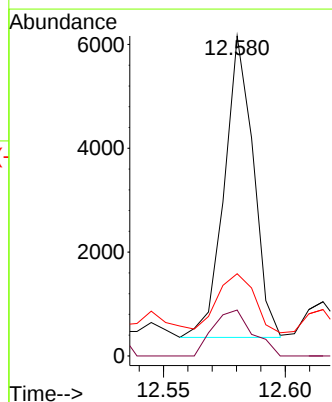
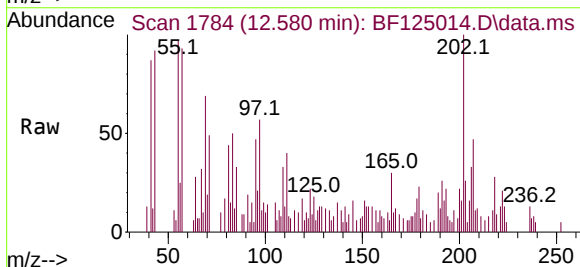
Instrument :
 BNA_F
 ClientSampleId :
 TWP03

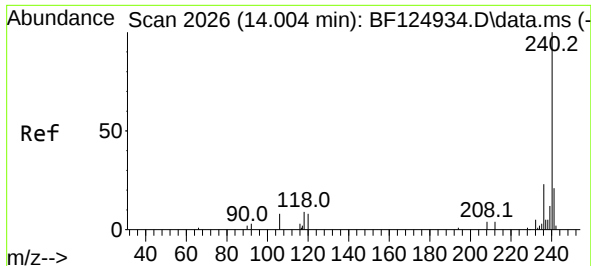
Tgt Ion:178 Resp: 5610
 Ion Ratio Lower Upper
 178 100
 176 20.9 14.3 21.5
 179 53.0 12.2 18.4#



#75
 Fluoranthene
 Concen: 6.81 ng
 RT: 12.580 min Scan# 1784
 Delta R.T. 0.024 min
 Lab File: BF125014.D
 Acq: 9 Aug 2021 22:07

Tgt Ion:202 Resp: 4826
 Ion Ratio Lower Upper
 202 100
 101 14.3 0.0 30.7
 203 25.7 0.0 36.3

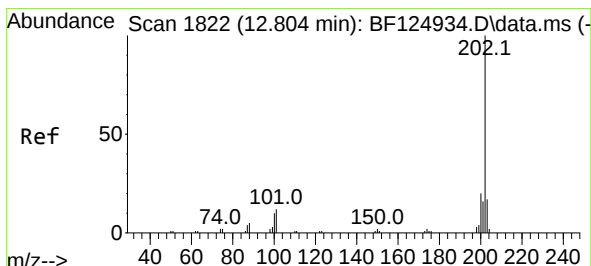
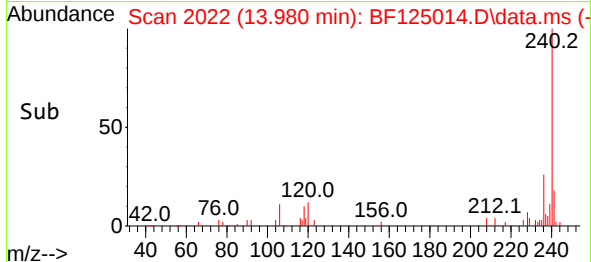
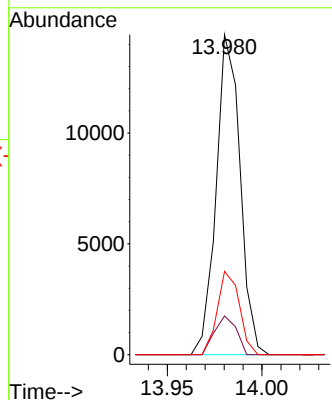
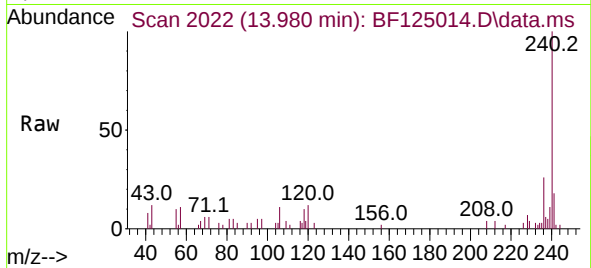




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF125014.D
Acq: 9 Aug 2021 22:07

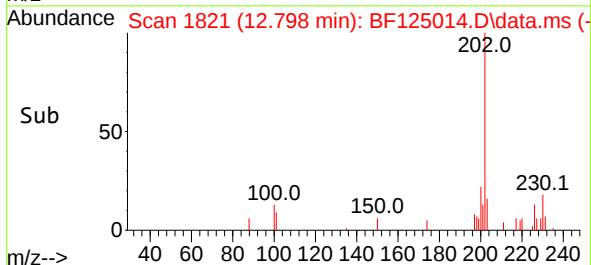
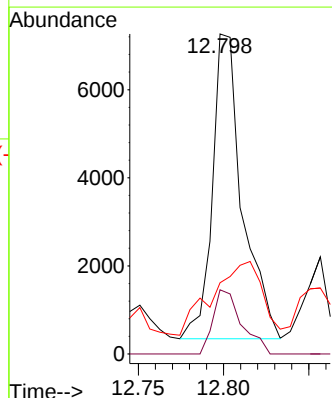
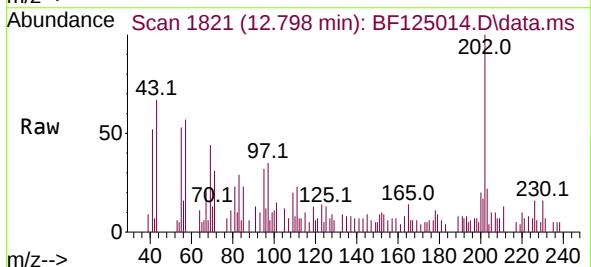
Instrument :
BNA_F
ClientSampled :
TWP03

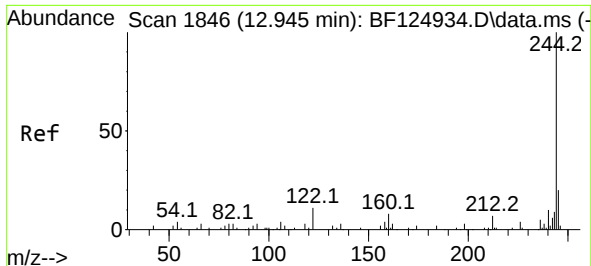
Tgt Ion:240 Resp: 12678
Ion Ratio Lower Upper
240 100
120 12.1 10.8 16.2
236 26.0 21.6 32.4



#78
Pyrene
Concen: 8.48 ng
RT: 12.798 min Scan# 1821
Delta R.T. 0.012 min
Lab File: BF125014.D
Acq: 9 Aug 2021 22:07

Tgt Ion:202 Resp: 8464
Ion Ratio Lower Upper
202 100
200 20.0 15.3 22.9
203 22.3 13.4 20.0#

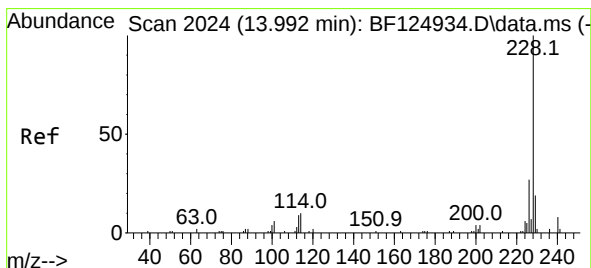
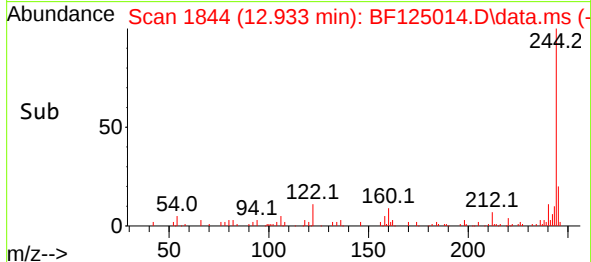
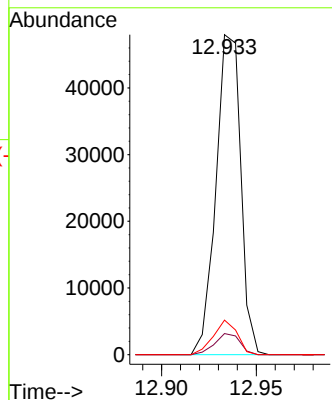
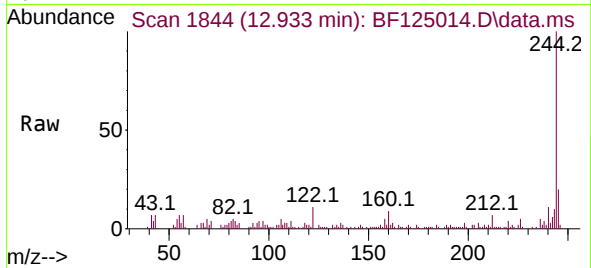




#79
 Terphenyl-d14
 Concen: 58.17 ng
 RT: 12.933 min Scan# 1844
 Delta R.T. 0.006 min
 Lab File: BF125014.D
 Acq: 9 Aug 2021 22:07

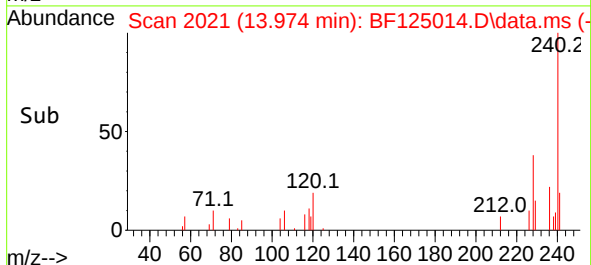
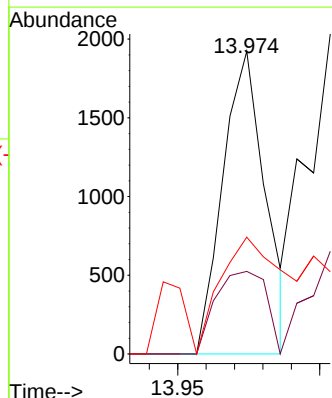
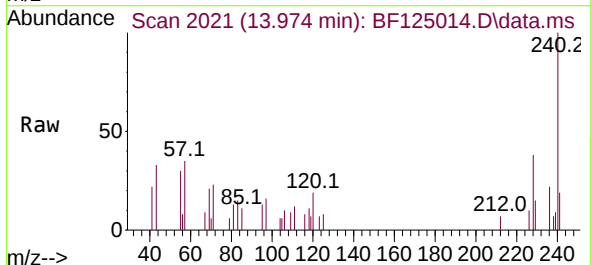
Instrument :
 BNA_F
 ClientSampleId :
 TWP03

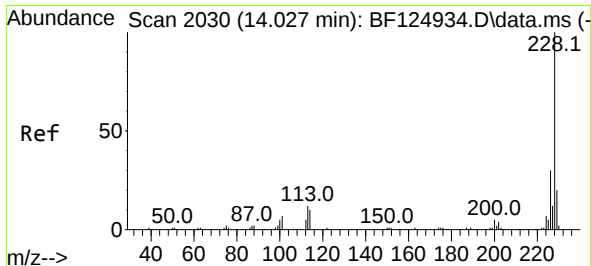
Tgt Ion:244 Resp: 43722
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.9 8.9
 122 10.8 9.0 13.4



#81
 Benzo(a)anthracene
 Concen: 2.42 ng
 RT: 13.974 min Scan# 2021
 Delta R.T. 0.000 min
 Lab File: BF125014.D
 Acq: 9 Aug 2021 22:07

Tgt Ion:228 Resp: 2000
 Ion Ratio Lower Upper
 228 100
 226 27.3 21.6 32.4
 229 38.6 15.6 23.4#

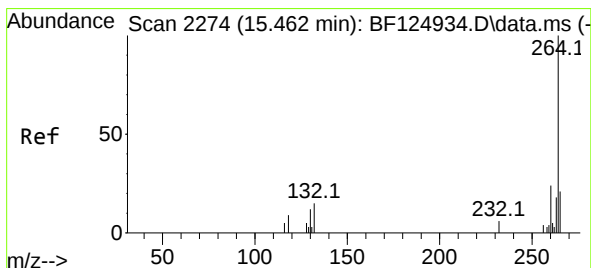
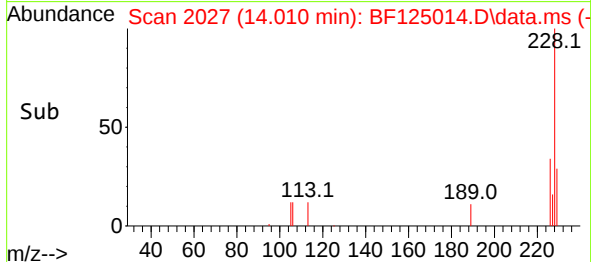
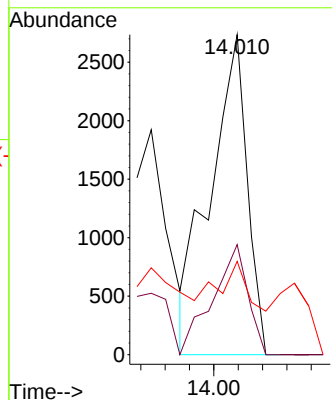
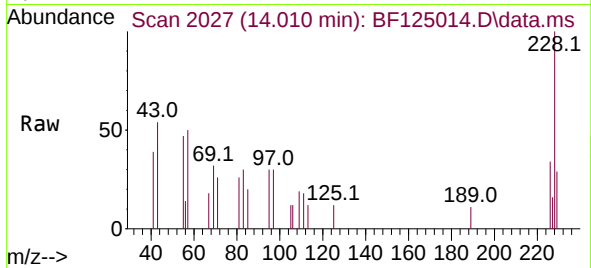




#83
Chrysene
Concen: 3.61 ng
RT: 14.010 min Scan# 2027
Delta R.T. 0.000 min
Lab File: BF125014.D
Acq: 9 Aug 2021 22:07

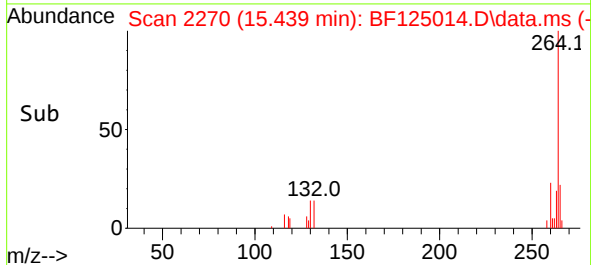
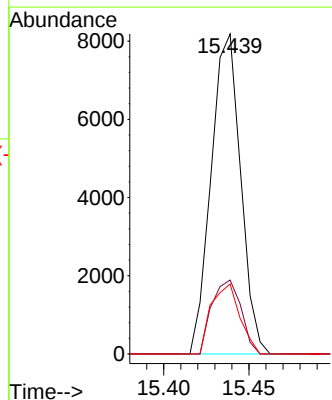
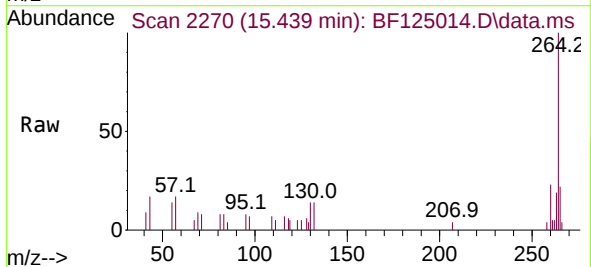
Instrument :
BNA_F
ClientSampled :
TWP03

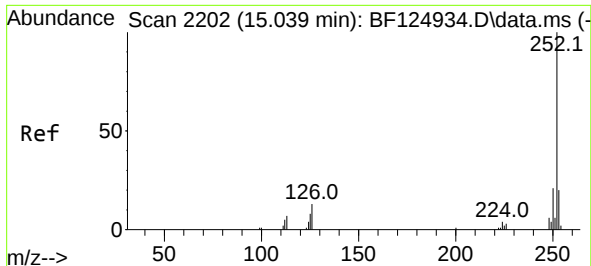
Tgt Ion:228 Resp: 2880
Ion Ratio Lower Upper
228 100
226 34.4 22.6 34.0#
229 29.2 15.9 23.9#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.439 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF125014.D
Acq: 9 Aug 2021 22:07

Tgt Ion:264 Resp: 9866
Ion Ratio Lower Upper
264 100
260 23.1 19.6 29.4
265 21.9 17.2 25.8

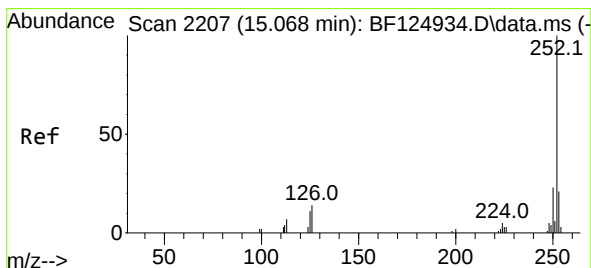
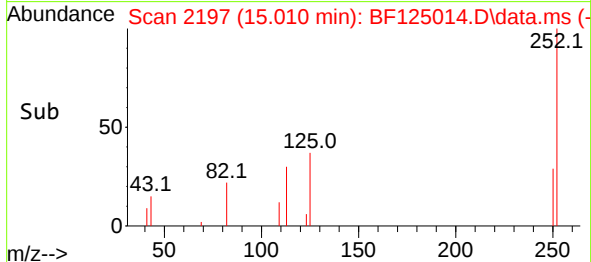
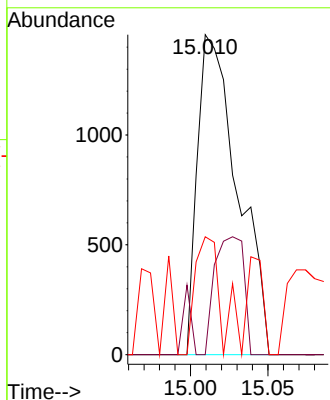
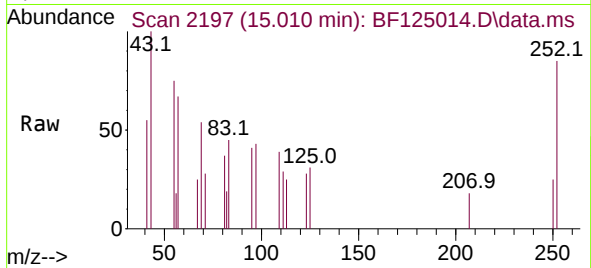




#88
Benzo(b)fluoranthene
Concen: 3.80 ng
RT: 15.010 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BF125014.D
Acq: 9 Aug 2021 22:07

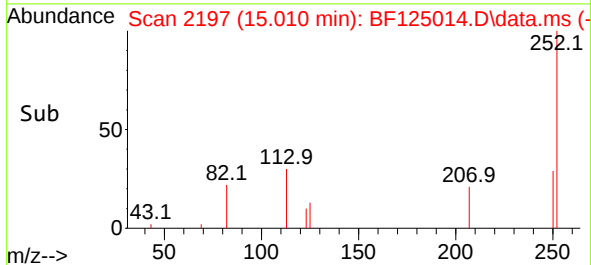
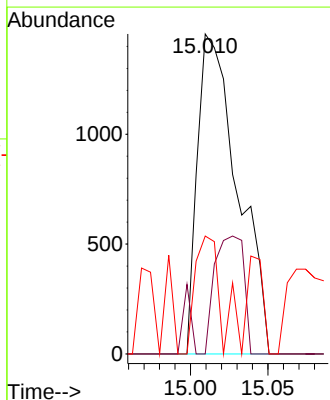
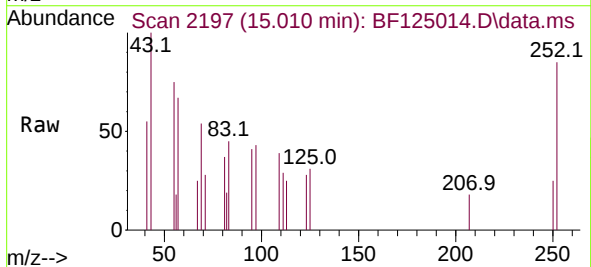
Instrument :
BNA_F
ClientSampleId :
TWP03

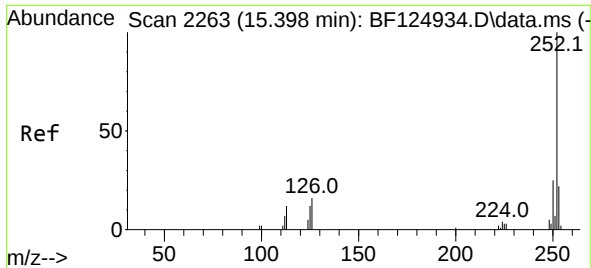
Tgt Ion:252 Resp: 2629
Ion Ratio Lower Upper
252 100
253 0.0 16.8 25.2#
125 36.9 9.8 14.8#



#89
Benzo(k)fluoranthene
Concen: 4.17 ng
RT: 15.010 min Scan# 2197
Delta R.T. -0.035 min
Lab File: BF125014.D
Acq: 9 Aug 2021 22:07

Tgt Ion:252 Resp: 2629
Ion Ratio Lower Upper
252 100
253 0.0 17.8 26.8#
125 36.9 7.2 10.8#





#90
Benzo(a)pyrene
Concen: 2.04 ng
RT: 15.374 min Scan# 2259
Delta R.T. 0.000 min
Lab File: BF125014.D
Acq: 9 Aug 2021 22:07

Instrument :
BNA_F
ClientSampleId :
TWP03

Tgt Ion:252 Resp: 1201
Ion Ratio Lower Upper
252 100
253 31.3 18.4 27.6#
125 0.0 9.9 14.9#

