

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021325\
 Data File : BF141623.D
 Acq On : 13 Feb 2025 19:01
 Operator : RC/JU
 Sample : Q1331-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW1R

Quant Time: Feb 14 00:37:14 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	71628	20.000	ng	0.00
21) Naphthalene-d8	8.087	136	196997	20.000	ng	# 0.01
39) Acenaphthene-d10	9.934	164	75171	20.000	ng	# 0.10
64) Phenanthrene-d10	11.428	188	109475	20.000	ng	# 0.11
76) Chrysene-d12	13.974	240	177815	20.000	ng	# 0.01
86) Perylene-d12	15.404	264	197579	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	172131	37.675	ng	-0.01
7) Phenol-d6	6.428	99	157584	27.289	ng	-0.01
23) Nitrobenzene-d5	7.357	82	460338	121.882	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	122597	162.353	ng	0.11
45) 2-Fluorobiphenyl	9.228	172	434024	88.954	ng	0.08
79) Terphenyl-d14	12.963	244	674235	64.012	ng	0.06
Target Compounds						Qvalue
9) Benzaldehyde	6.322	77	9664	3.149	ng	# 6
15) Benzyl Alcohol	6.951	79	8889	2.007	ng	# 39
18) Hexachloroethane	7.334	117	303377	153.940	ng	# 1
19) n-Nitroso-di-n-propyla...	7.222	70	66082	19.131	ng	# 65
22) Acetophenone	7.134	105	331187	67.584	ng	# 60
24) Nitrobenzene	7.340	77	139583	37.900	ng	# 51
25) Isophorone	7.616	82	193498	32.131	ng	# 1
26) 2-Nitrophenol	7.722	139	14938	8.152	ng	# 1
27) 2,4-Dimethylphenol	7.740	122	30336	14.172	ng	# 1
28) bis(2-Chloroethoxy)met...	7.893	93	28050	7.269	ng	# 1
29) 2,4-Dichlorophenol	7.940	162	41960	14.508	ng	# 1
30) 1,2,4-Trichlorobenzene	8.034	180	13134	4.170	ng	# 75
31) Naphthalene	8.087	128	150718	14.698	ng	# 1
32) Benzoic acid	7.893	122	42195	18.977	ng	# 1
33) 4-Chloroaniline	8.087	127	66727	18.638	ng	# 1
35) Caprolactam	8.587	113	487260	553.332	ng	# 1
36) 4-Chloro-3-methylphenol	8.628	107	29861	9.321	ng	# 42
37) 2-Methylnaphthalene	8.792	142	45280	6.786	ng	# 1
38) 1-Methylnaphthalene	8.969	142	327788	50.718	ng	# 58
43) 2,4,6-Trichlorophenol	9.163	196	18885	13.436	ng	# 16
44) 2,4,5-Trichlorophenol	9.328	196	20069	13.174	ng	# 1
46) 1,1'-Biphenyl	9.334	154	14664	2.516	ng	# 1
47) 2-Chloronaphthalene	9.404	162	14905	3.459	ng	# 1
48) 2-Nitroaniline	9.416	65	70322	48.622	ng	# 52
49) Acenaphthylene	9.798	152	40049	6.248	ng	# 1
50) Dimethylphthalate	9.645	163	11886	2.329	ng	# 1
51) 2,6-Dinitrotoluene	9.763	165	78446	70.318	ng	# 75
52) Acenaphthene	9.969	154	208149	48.302	ng	# 43
53) 3-Nitroaniline	9.845	138	25530	21.262	ng	# 57
54) 2,4-Dinitrophenol	9.922	184	4981	7.513	ng	# 1
55) Dibenzofuran	10.139	168	116839	18.472	ng	# 1
56) 4-Nitrophenol	10.051	139	64431	72.287	ng	# 20
57) 2,4-Dinitrotoluene	10.104	165	4643	3.126	ng	# 68
58) Fluorene	10.492	166	588051	120.238	ng	# 56
59) 2,3,4,6-Tetrachlorophenol	10.281	232	10655	8.124	ng	# 1
60) Diethylphthalate	10.392	149	56695	11.292	ng	# 1

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

61) 4-Chlorophenyl-phenyle...	10.410	204	42346	17.998	ng	# 1
62) 4-Nitroaniline	10.539	138	14990	12.295	ng	# 40
63) Azobenzene	10.639	77	79935	16.014	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.563	198	3654	4.805	ng	# 1
66) n-Nitrosodiphenylamine	10.604	169	769762	219.656	ng	# 63
67) 4-Bromophenyl-phenylether	10.998	248	10463	8.552	ng	# 1
69) Atrazine	11.139	200	51975	49.438	ng	# 42
70) Pentachlorophenol	11.263	266	4783	5.937	ng	# 18
71) Phenanthrene	11.457	178	1156013	191.834	ng	# 76
72) Anthracene	11.557	178	291279	48.084	ng	# 1
73) Carbazole	11.698	167	26899	4.935	ng	# 1
74) Di-n-butylphthalate	11.975	149	32815	5.214	ng	# 1
75) Fluoranthene	12.839	202	617521	96.656	ng	# 71
78) Pyrene	12.786	202	65806	4.347	ng	# 21
80) Butylbenzylphthalate	13.139	149	22984	4.384	ng	# 1
81) Benzo(a)anthracene	13.992	228	74344	6.290	ng	# 3
83) Chrysene	13.992	228	74344	6.812	ng	# 10
84) Bis(2-ethylhexyl)phtha...	13.939	149	61337	10.373	ng	# 86

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

Instrument :

BNA F

ClientSampleId :

MW1R

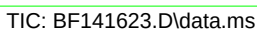
Quant Time: Feb 14 00:37:14 2025

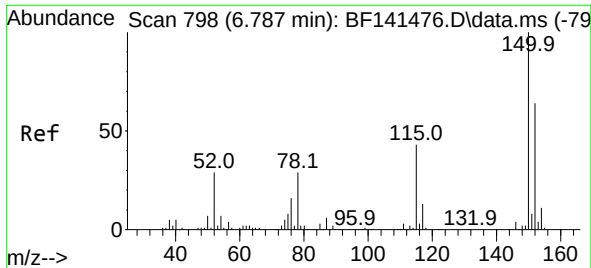
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Feb 06 16:58:59 2025

Response via : Initial Calibration

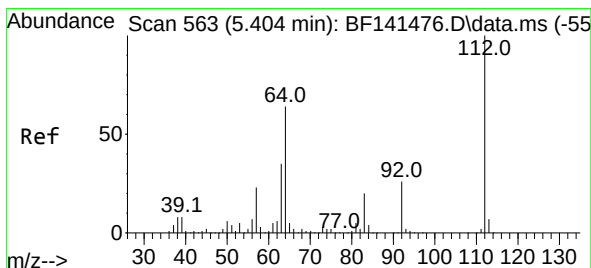
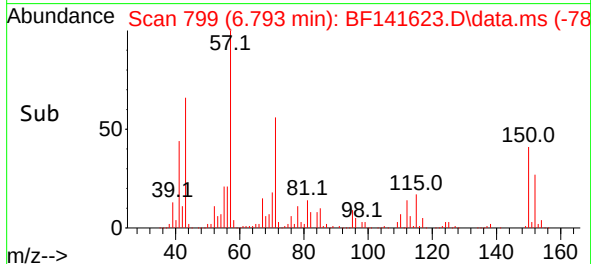
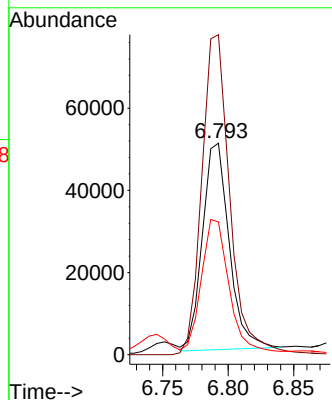
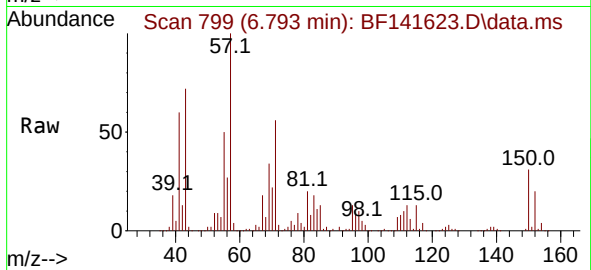




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 798
Delta R.T. 0.001 min
Lab File: BF141623.D
Acq: 13 Feb 2025 19:01

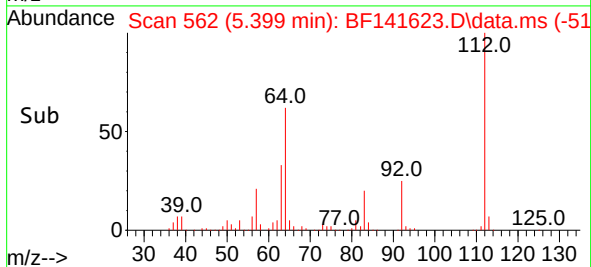
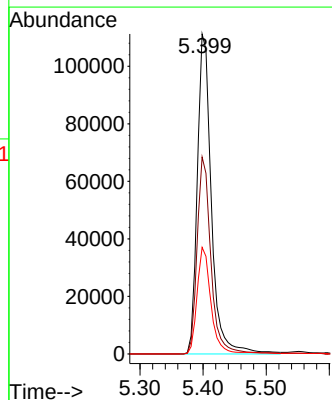
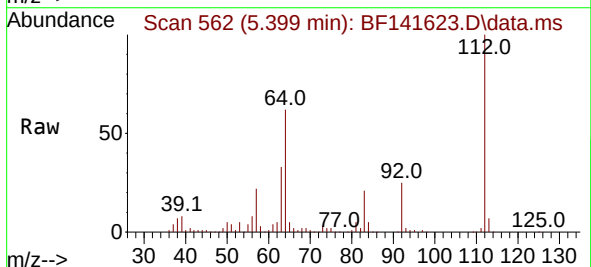
Instrument :
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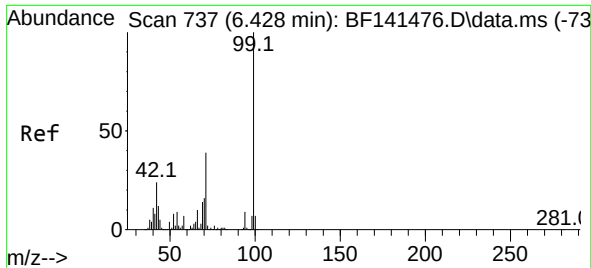
Tgt Ion:152 Resp: 71628
Ion Ratio Lower Upper
152 100
150 151.3 125.0 187.4
115 62.8 53.6 80.4



#5
2-Fluorophenol
Concen: 37.675 ng
RT: 5.399 min Scan# 562
Delta R.T. -0.012 min
Lab File: BF141623.D
Acq: 13 Feb 2025 19:01

Tgt Ion:112 Resp: 172131
Ion Ratio Lower Upper
112 100
64 61.6 51.1 76.7
63 33.3 28.4 42.6

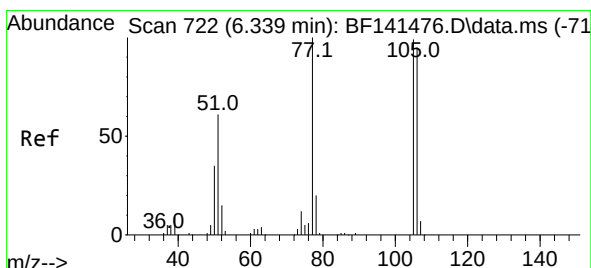
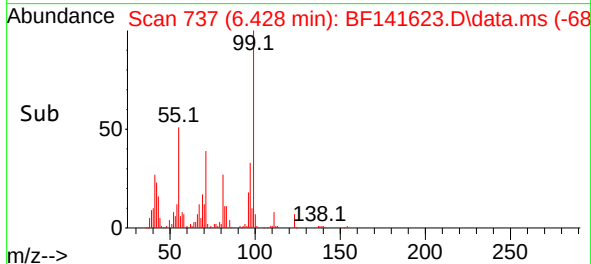
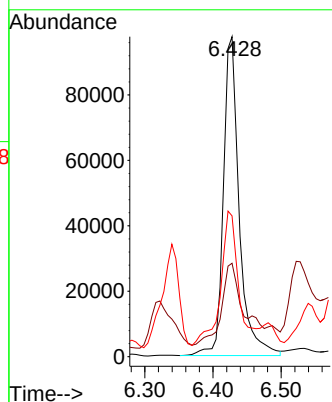
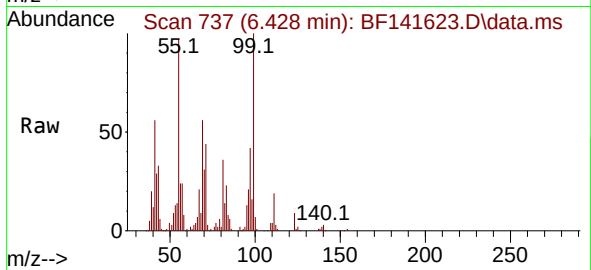




#7
Phenol-d6
Concen: 27.289 ng
RT: 6.428 min Scan# 719
Delta R.T. -0.012 min
Lab File: BF141623.D
Acq: 13 Feb 2025 19:01

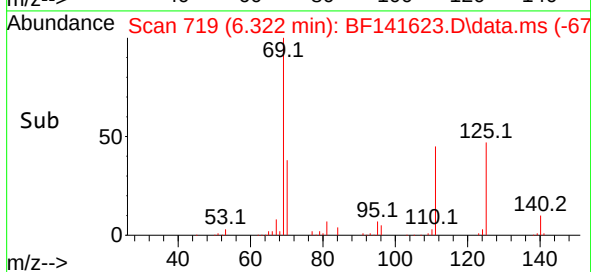
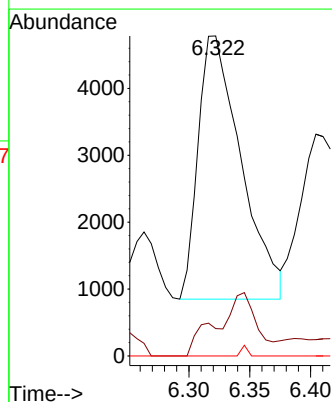
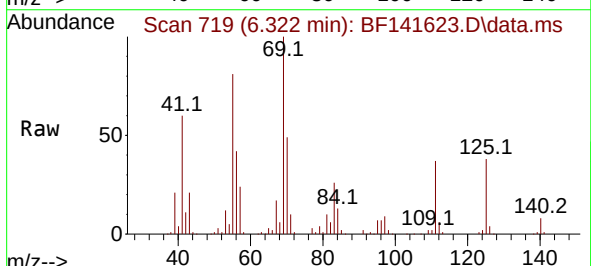
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BNA_F
ClientSampleId :
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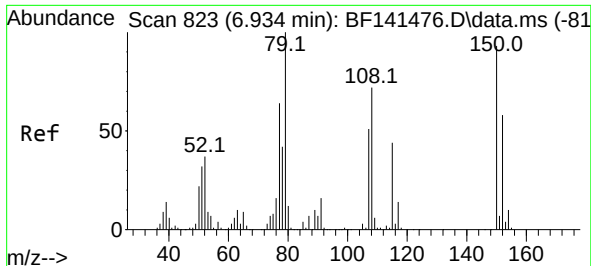
Tgt Ion: 99 Resp: 157584
Ion Ratio Lower Upper
99 100
42 29.2 19.1 28.7#
71 44.0 31.1 46.7



#9
Benzaldehyde
Concen: 3.149 ng
RT: 6.322 min Scan# 719
Delta R.T. -0.017 min
Lab File: BF141623.D
Acq: 13 Feb 2025 19:01

Tgt Ion: 77 Resp: 9664
Ion Ratio Lower Upper
77 100
105 8.5 79.4 119.4#
106 0.0 75.1 115.1#

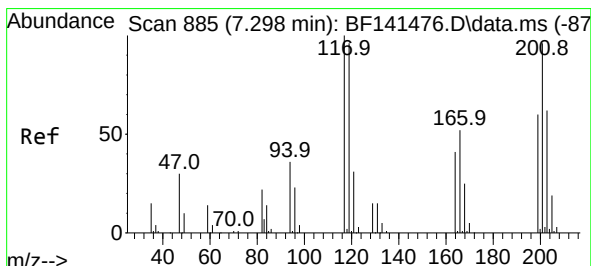
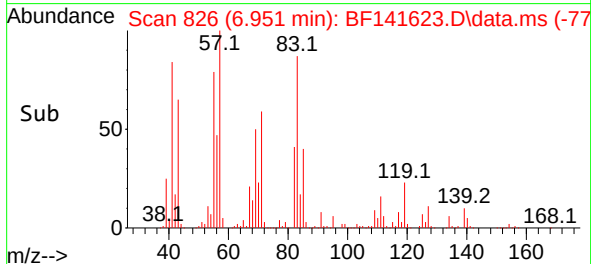
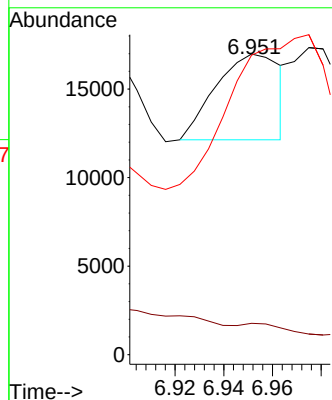
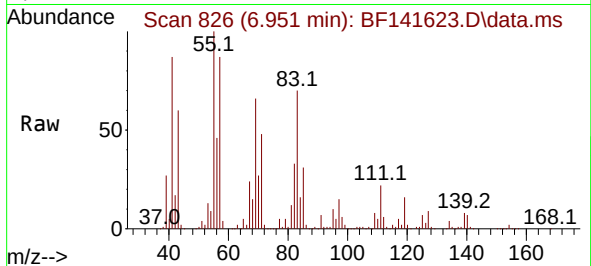




#15
Benzyl Alcohol
Concen: 2.007 ng
RT: 6.951 min Scan# 81
Delta R.T. 0.012 min
Lab File: BF141623.D
Acq: 13 Feb 2025 19:01

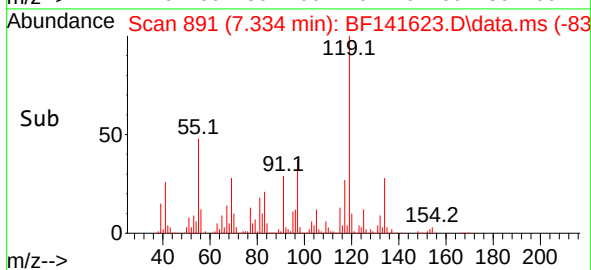
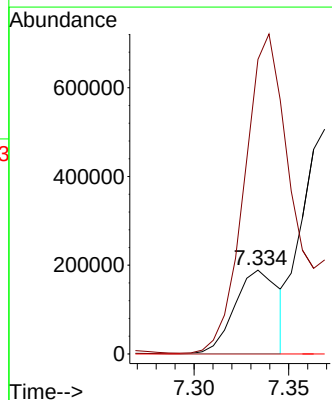
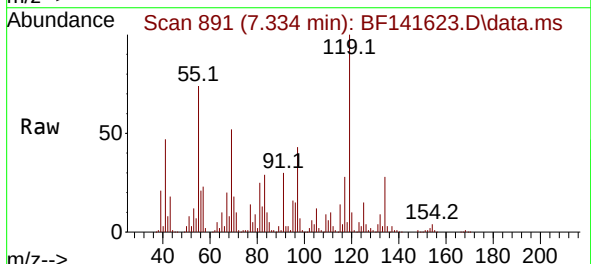
Instrument :
BNA_F
ClientSampleId :
MW1R

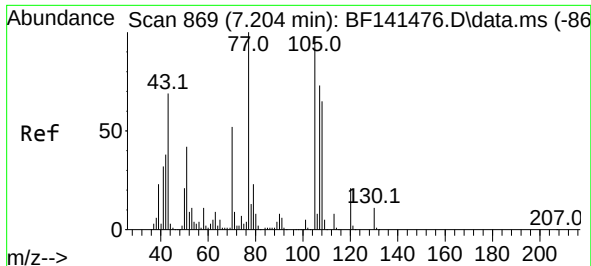
Tgt Ion: 79 Resp: 8889
Ion Ratio Lower Upper
79 100
108 10.4 57.4 86.2#
77 99.7 50.9 76.3#



#18
Hexachloroethane
Concen: 153.940 ng
RT: 7.334 min Scan# 891
Delta R.T. 0.030 min
Lab File: BF141623.D
Acq: 13 Feb 2025 19:01

Tgt Ion: 117 Resp: 303377
Ion Ratio Lower Upper
117 100
119 351.6 76.5 114.7#
201 0.0 76.7 115.1#

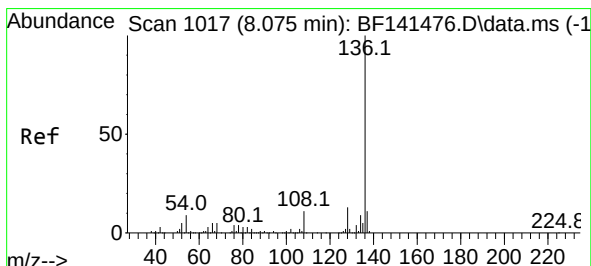
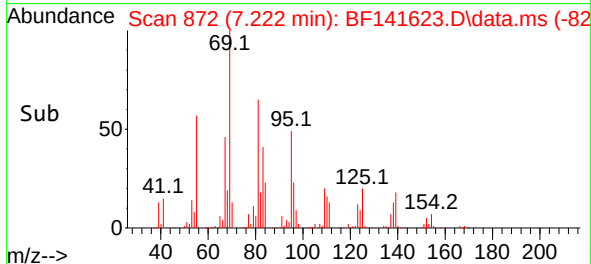
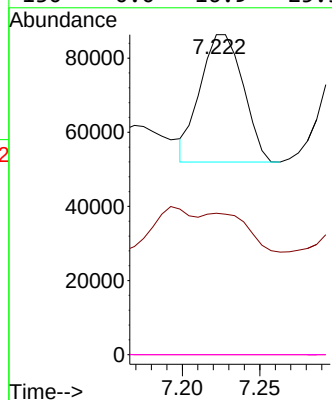
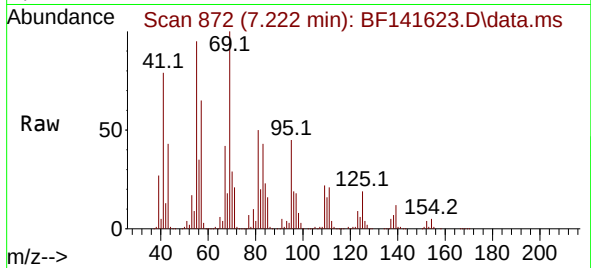




#19
n-Nitroso-di-n-propylamine
Concen: 19.131 ng
RT: 7.222 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF141623.D
Acq: 13 Feb 2025 19:01

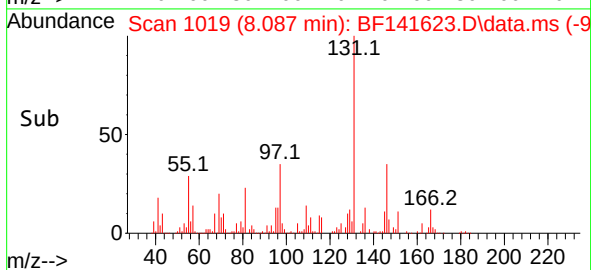
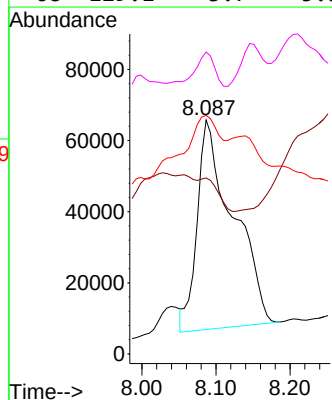
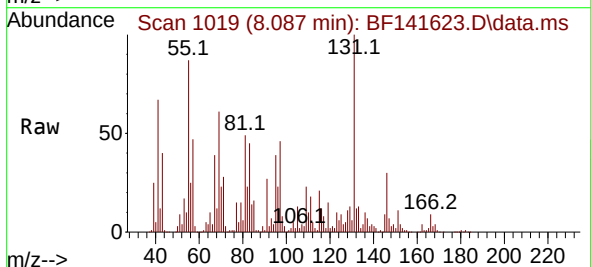
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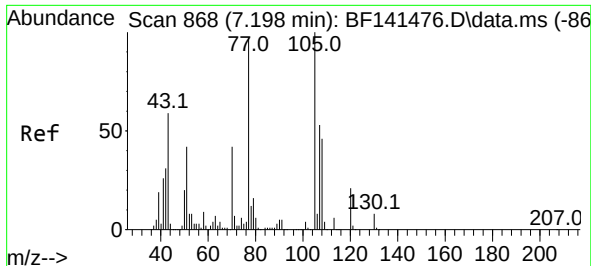
Tgt Ion: 70 Resp: 66082
Ion Ratio Lower Upper
70 100
42 44.2 57.4 86.2#
101 0.0 8.0 12.0#
130 0.0 16.9 25.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.087 min Scan# 1019
Delta R.T. 0.012 min
Lab File: BF141623.D
Acq: 13 Feb 2025 19:01

Tgt Ion: 136 Resp: 196997
Ion Ratio Lower Upper
136 100
137 75.2 8.6 13.0#
54 102.0 7.2 10.8#
68 129.1 3.7 5.5#

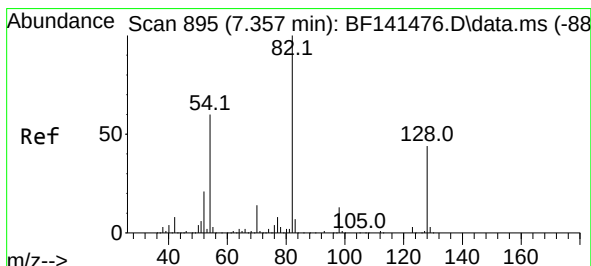
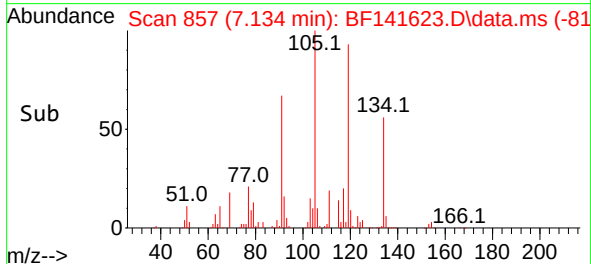
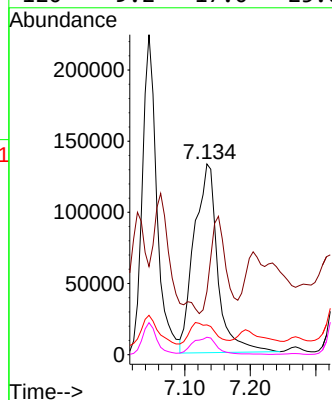
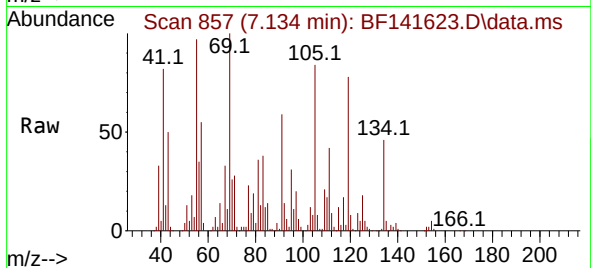




#22
Acetophenone
Concen: 67.584 ng
RT: 7.134 min Scan# 81
Delta R.T. -0.076 min
Lab File: BF141623.D
Acq: 13 Feb 2025 19:01

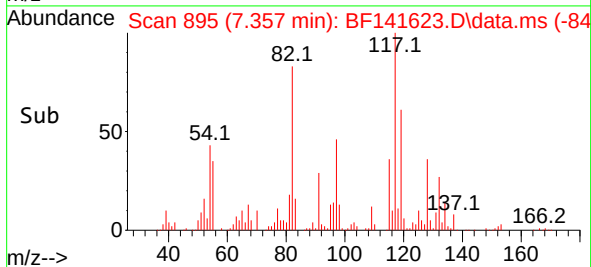
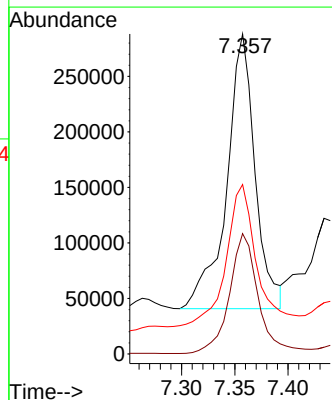
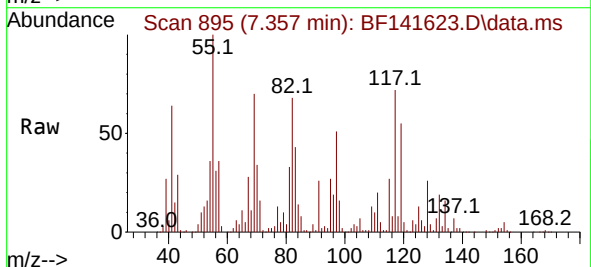
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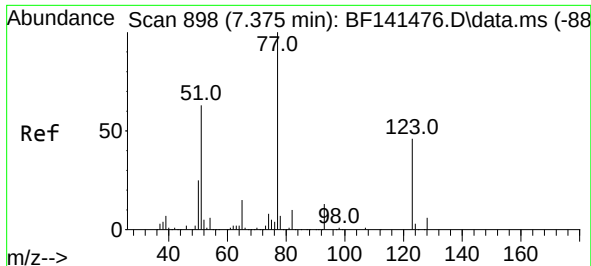
Tgt Ion:105 Resp: 331187
Ion Ratio Lower Upper
105 100
71 33.1 5.7 8.5#
51 15.6 33.7 50.5#
120 9.2 17.0 25.6#



#23
Nitrobenzene-d5
Concen: 121.882 ng
RT: 7.357 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF141623.D
Acq: 13 Feb 2025 19:01

Tgt Ion: 82 Resp: 460338
Ion Ratio Lower Upper
82 100
128 37.6 34.8 52.2
54 52.9 48.2 72.4

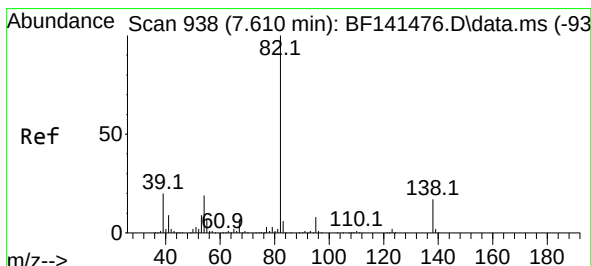
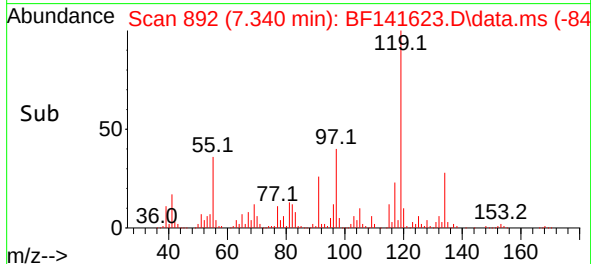
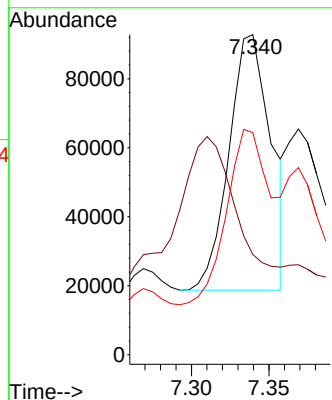
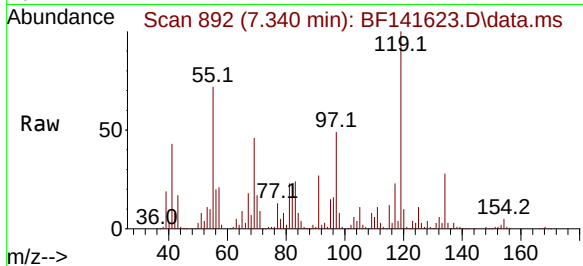




#24
Nitrobenzene
Concen: 37.900 ng
RT: 7.340 min Scan# 898
Delta R.T. -0.041 min
Lab File: BF141623.D
Acq: 13 Feb 2025 19:01

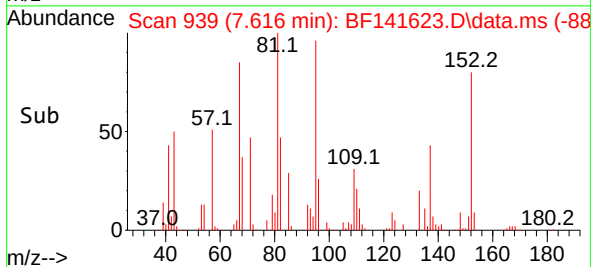
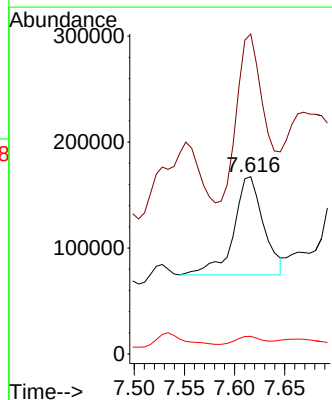
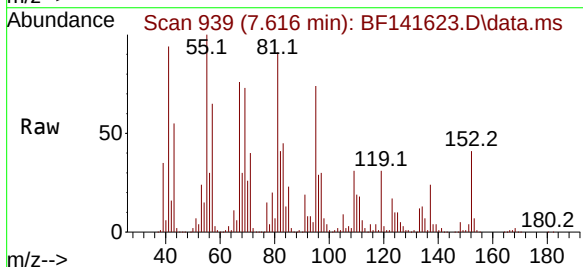
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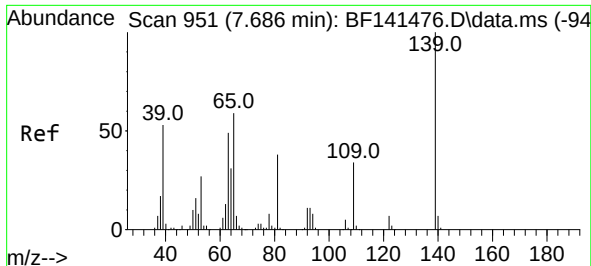
Tgt Ion: 77 Resp: 139583
Ion Ratio Lower Upper
77 100
123 31.3 36.9 55.3#
65 69.4 11.9 17.9#



#25
Isophorone
Concen: 32.131 ng
RT: 7.616 min Scan# 939
Delta R.T. -0.006 min
Lab File: BF141623.D
Acq: 13 Feb 2025 19:01

Tgt Ion: 82 Resp: 193498
Ion Ratio Lower Upper
82 100
95 180.4 6.4 9.6#
138 9.9 13.9 20.9#

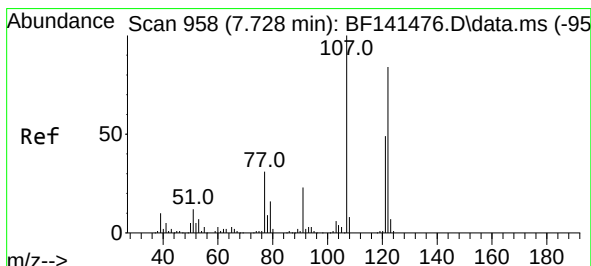
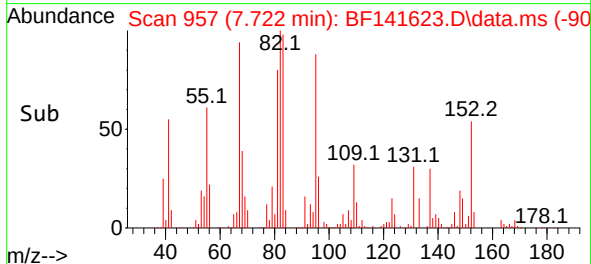
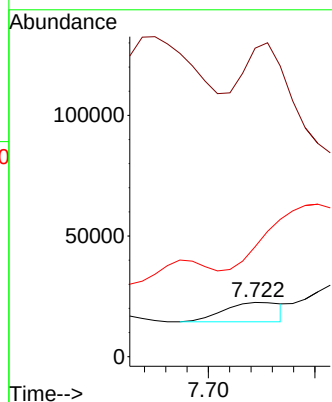
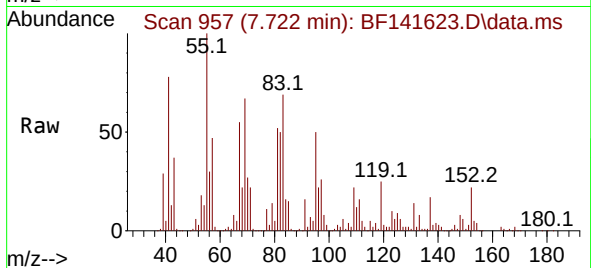




#26
2-Nitrophenol
Concen: 8.152 ng
RT: 7.722 min Scan# 91
Delta R.T. 0.030 min
Lab File: BF141623.D
Acq: 13 Feb 2025 19:01

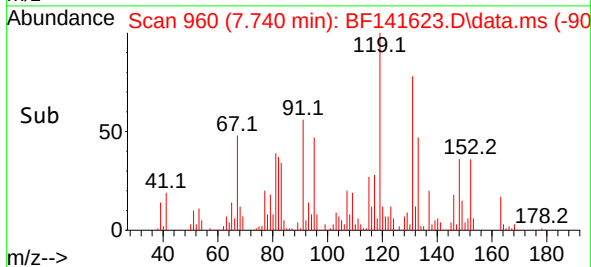
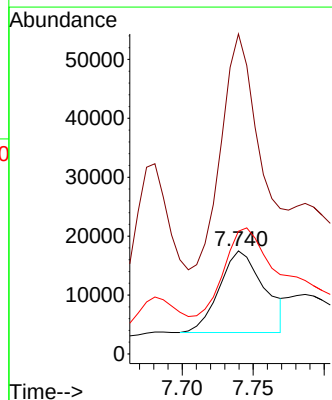
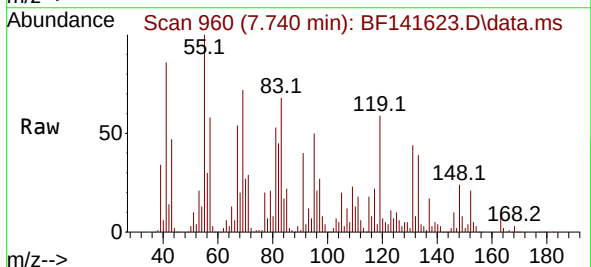
Instrument :
BNA_F
ClientSampleId :
MW1R

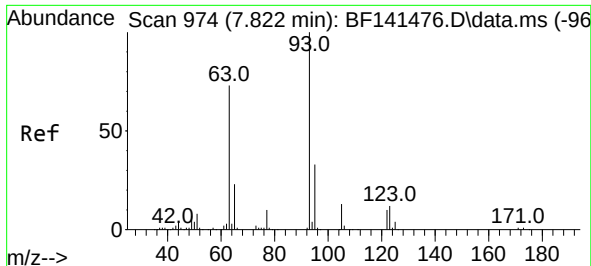
Tgt Ion:139 Resp: 14938
Ion Ratio Lower Upper
139 100
109 567.8 27.0 40.6#
65 202.3 47.1 70.7#



#27
2,4-Dimethylphenol
Concen: 14.172 ng
RT: 7.740 min Scan# 960
Delta R.T. 0.006 min
Lab File: BF141623.D
Acq: 13 Feb 2025 19:01

Tgt Ion:122 Resp: 30336
Ion Ratio Lower Upper
122 100
107 310.7 94.3 141.5#
121 119.2 46.0 69.0#

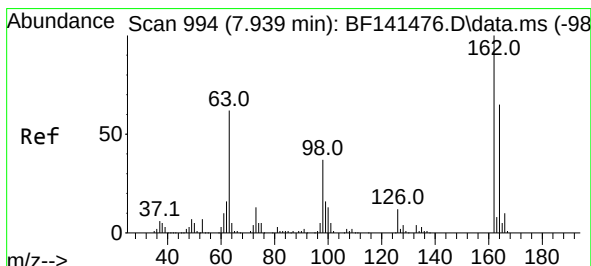
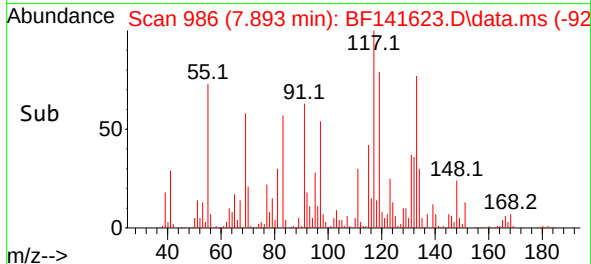
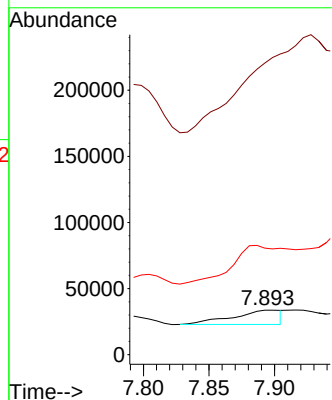
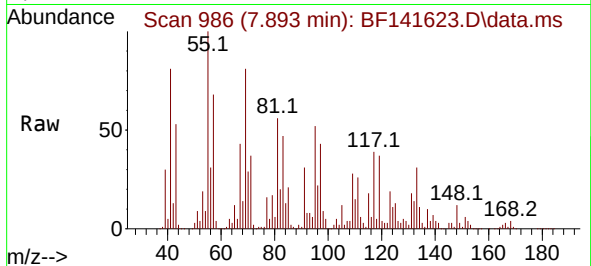




#28
bis(2-Chloroethoxy)methane
Concen: 7.269 ng
RT: 7.893 min Scan# 986
Delta R.T. 0.065 min
Lab File: BF141623.D
Acq: 13 Feb 2025 19:01

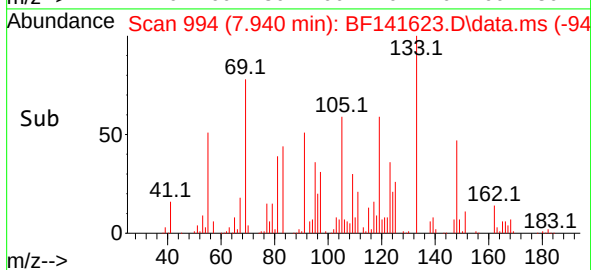
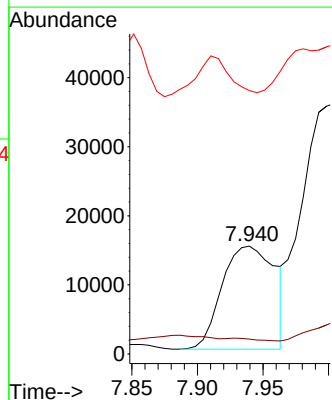
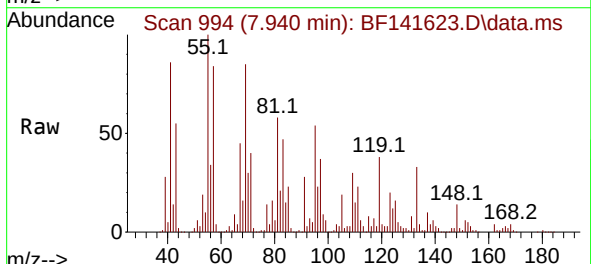
Instrument :
BNA_F
ClientSampleId :
MW1R

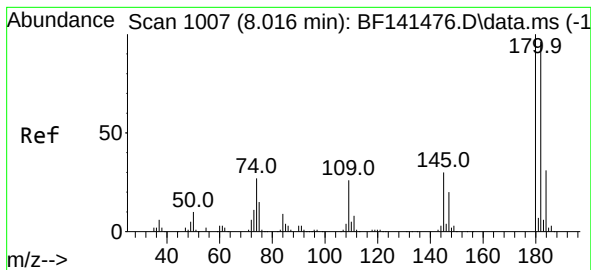
Tgt Ion: 93 Resp: 28050
Ion Ratio Lower Upper
93 100
95 654.8 26.1 39.1#
123 239.2 9.5 14.3#



#29
2,4-Dichlorophenol
Concen: 14.508 ng
RT: 7.940 min Scan# 994
Delta R.T. 0.000 min
Lab File: BF141623.D
Acq: 13 Feb 2025 19:01

Tgt Ion:162 Resp: 41960
Ion Ratio Lower Upper
162 100
164 13.8 44.6 84.6#
98 244.3 17.2 57.2#

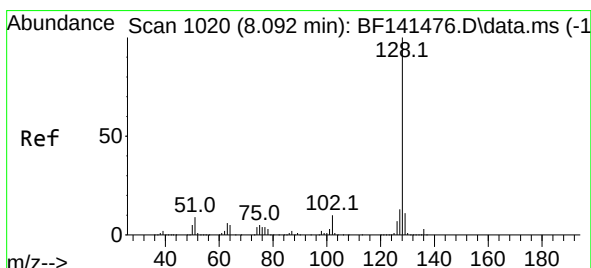
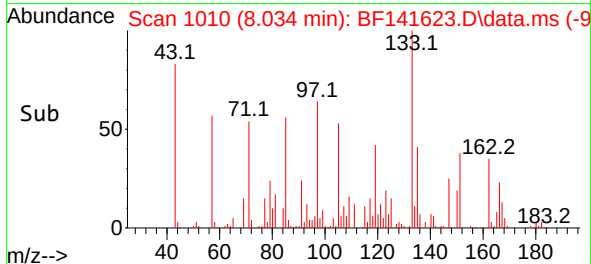
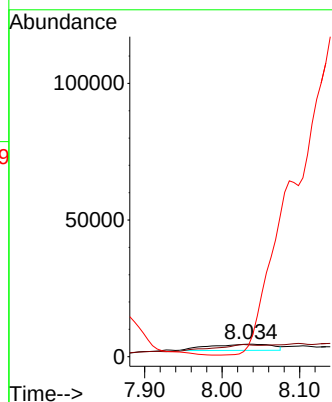
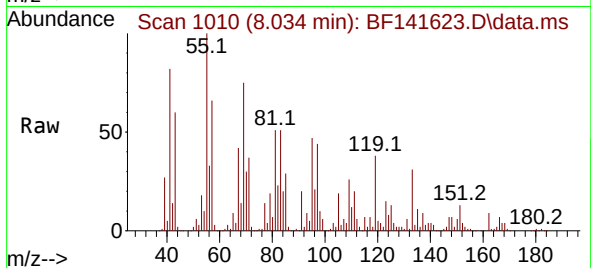




#30
1,2,4-Trichlorobenzene
Concen: 4.170 ng
RT: 8.034 min Scan# 1010
Delta R.T. 0.018 min
Lab File: BF141623.D
Acq: 13 Feb 2025 19:01

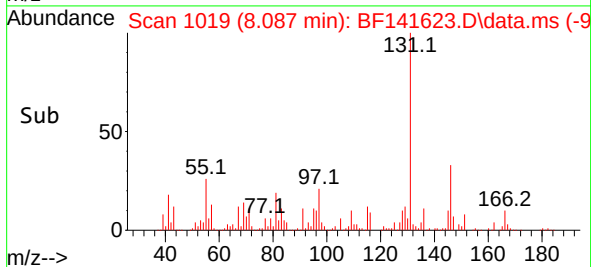
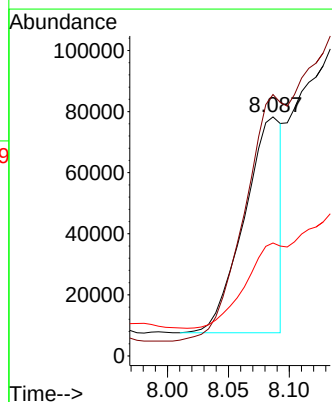
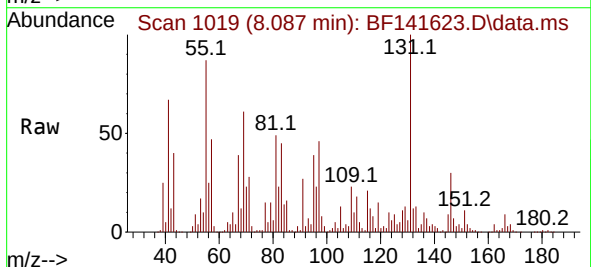
Instrument :
BNA_F
ClientSampleId :
MW1R

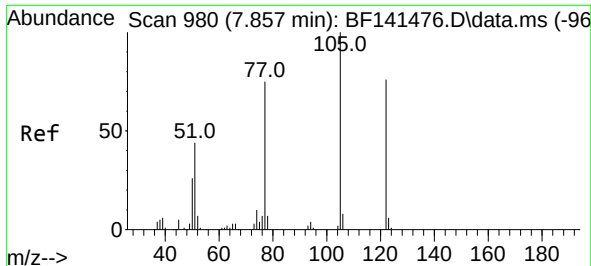
Tgt Ion:180 Resp: 13134
Ion Ratio Lower Upper
180 100
182 95.1 76.8 115.2
145 85.0 24.2 36.4#



#31
Naphthalene
Concen: 14.698 ng
RT: 8.087 min Scan# 1019
Delta R.T. -0.012 min
Lab File: BF141623.D
Acq: 13 Feb 2025 19:01

Tgt Ion:128 Resp: 150718
Ion Ratio Lower Upper
128 100
129 109.4 8.9 13.3#
127 47.2 10.7 16.1#

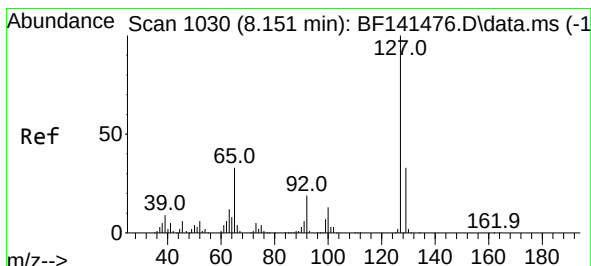
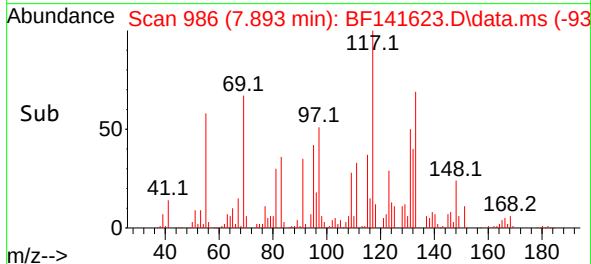
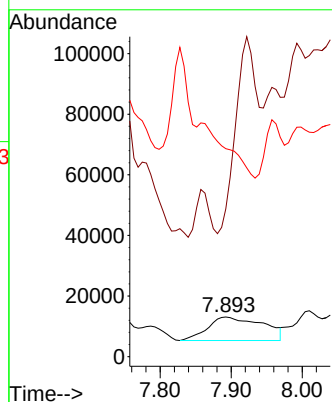
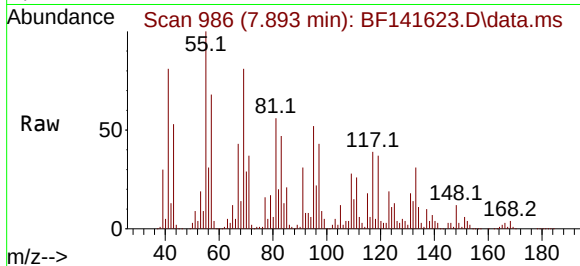




#32
Benzoic acid
Concen: 18.977 ng
RT: 7.893 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF141623.D
Acq: 13 Feb 2025 19:01

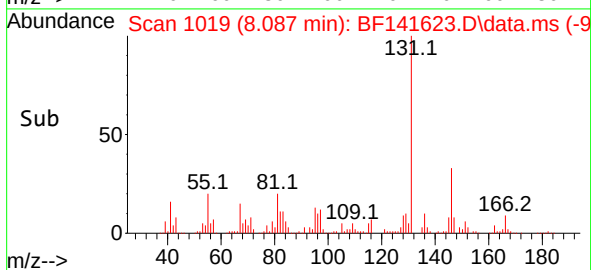
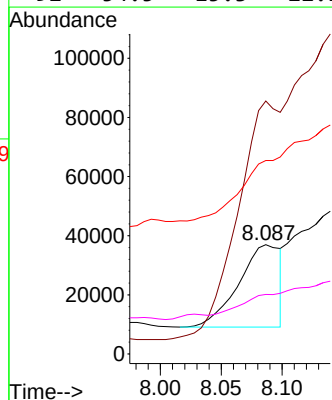
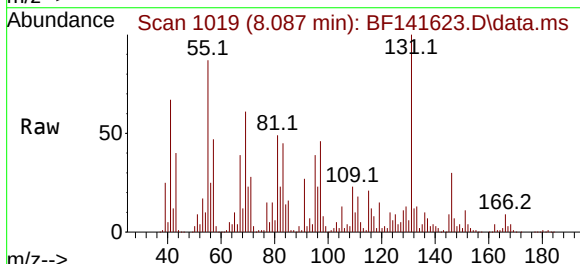
Instrument :
BNA_F
ClientSampleId :
MW1R

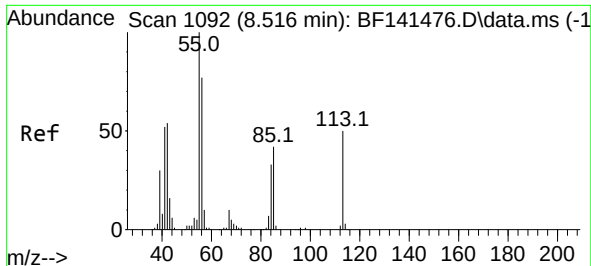
Tgt Ion:122 Resp: 42195
Ion Ratio Lower Upper
122 100
105 373.0 106.5 146.5#
77 524.7 76.3 116.3#



#33
4-Chloroaniline
Concen: 18.638 ng
RT: 8.087 min Scan# 1019
Delta R.T. -0.070 min
Lab File: BF141623.D
Acq: 13 Feb 2025 19:01

Tgt Ion:127 Resp: 66727
Ion Ratio Lower Upper
127 100
129 231.6 26.5 39.7#
65 177.1 26.4 39.6#
92 54.5 15.3 22.9#

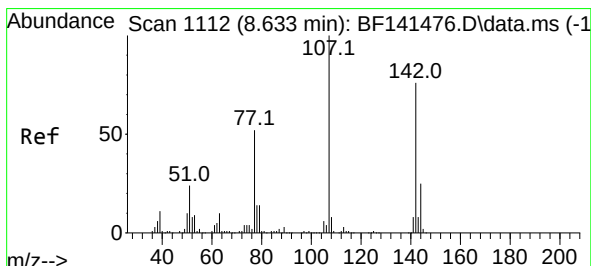
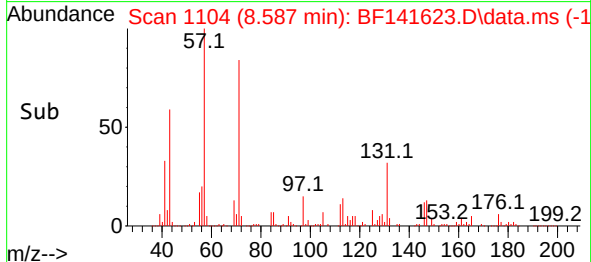
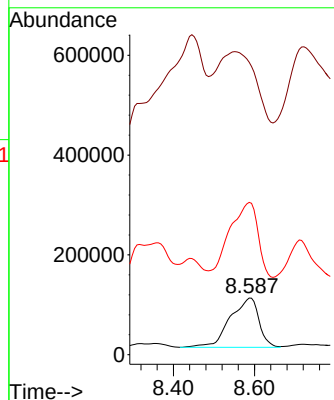
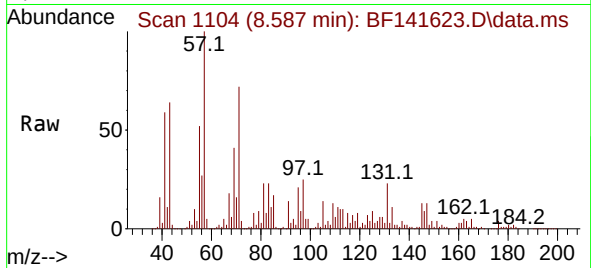




#35
 Caprolactam
 Concen: 553.332 ng
 RT: 8.587 min Scan# 1104
 Delta R.T. 0.041 min
 Lab File: BF141623.D
 Acq: 13 Feb 2025 19:01

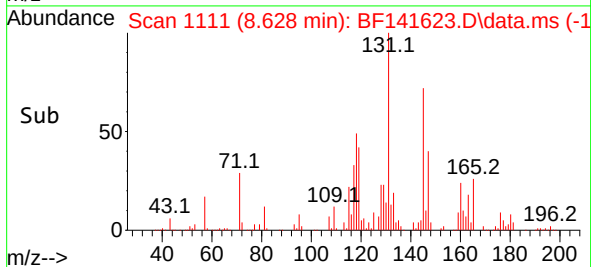
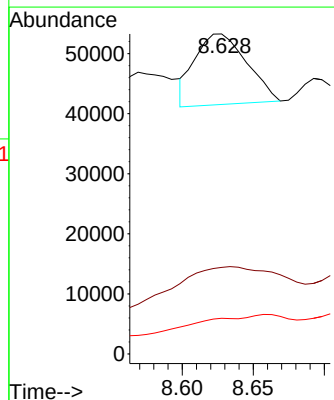
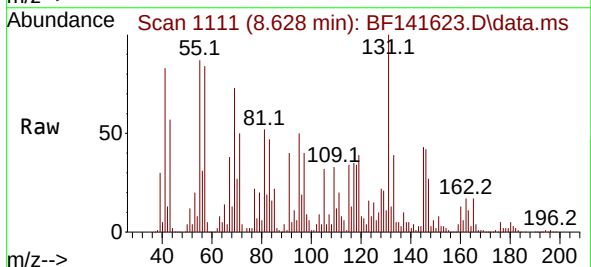
Instrument :
 BNA_F
 ClientSampleId :
 MW1R

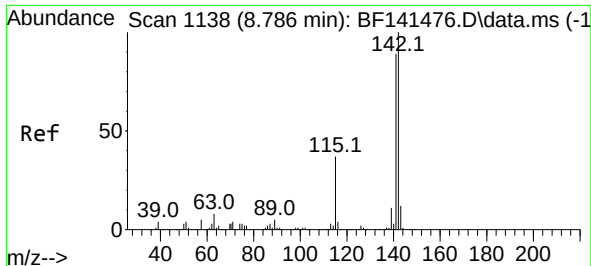
Tgt Ion:113 Resp: 487260
 Ion Ratio Lower Upper
 113 100
 55 516.9 180.8 220.8#
 56 269.3 133.6 173.6#



#36
 4-Chloro-3-methylphenol
 Concen: 9.321 ng
 RT: 8.628 min Scan# 1111
 Delta R.T. -0.012 min
 Lab File: BF141623.D
 Acq: 13 Feb 2025 19:01

Tgt Ion:107 Resp: 29861
 Ion Ratio Lower Upper
 107 100
 144 27.1 19.7 29.5
 142 11.1 60.8 91.2#





#37

2-Methylnaphthalene

Concen: 6.786 ng

RT: 8.792 min Scan# 1139

Delta R.T. 0.006 min

Lab File: BF141623.D

Acq: 13 Feb 2025 19:01

Instrument :

BNA_F

ClientSampleId :

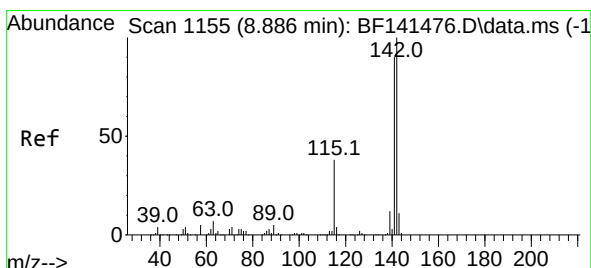
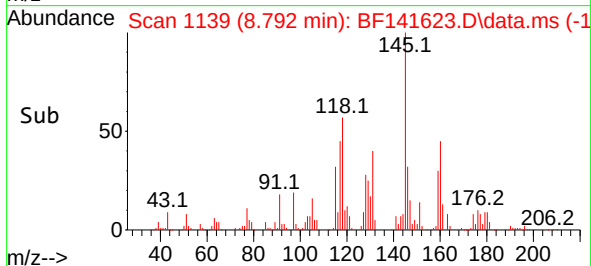
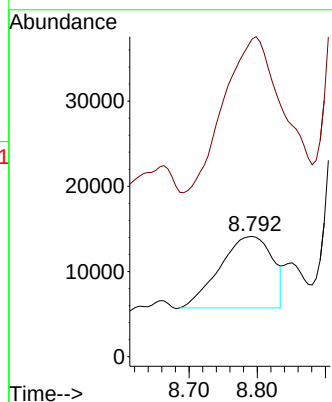
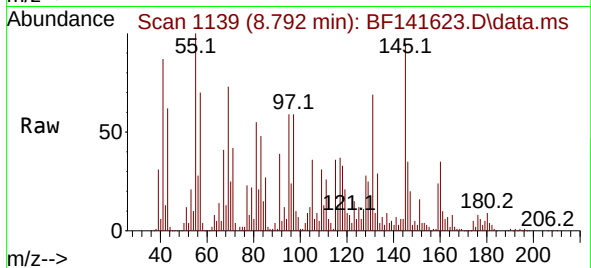
MW1R

Tgt Ion:142 Resp: 45280

Ion Ratio Lower Upper

142 100

141 263.7 71.2 106.8#



#38

1-Methylnaphthalene

Concen: 50.718 ng

RT: 8.969 min Scan# 1169

Delta R.T. 0.083 min

Lab File: BF141623.D

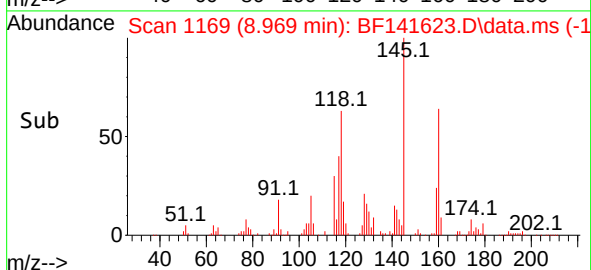
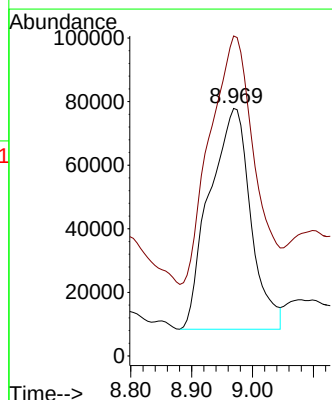
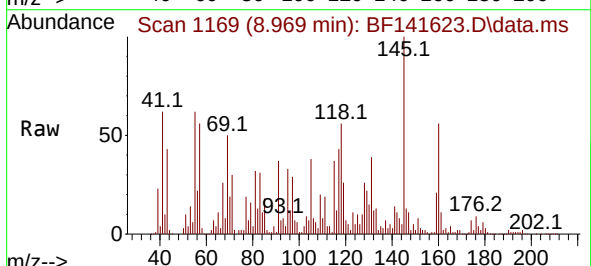
Acq: 13 Feb 2025 19:01

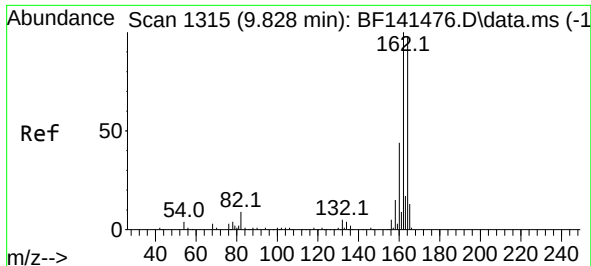
Tgt Ion:142 Resp: 327788

Ion Ratio Lower Upper

142 100

141 129.3 72.1 108.1#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.934 min Scan# 11

Delta R.T. 0.100 min

Lab File: BF141623.D

Acq: 13 Feb 2025 19:01

Instrument :

BNA_F

ClientSampleId :

MW1R

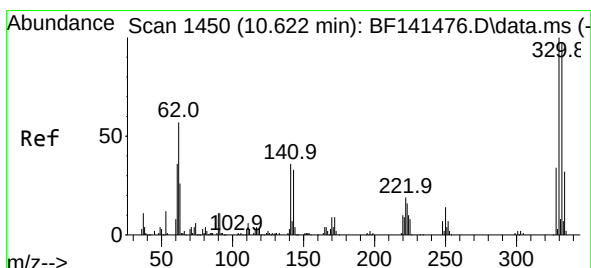
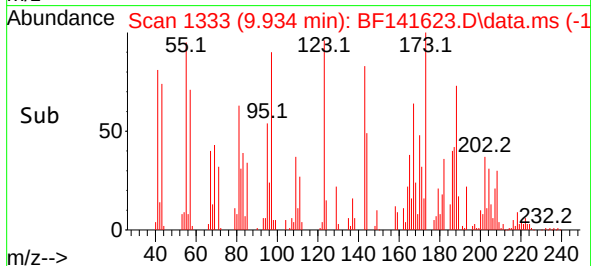
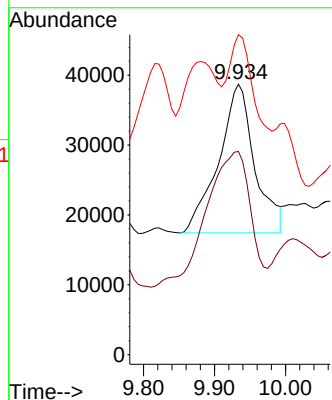
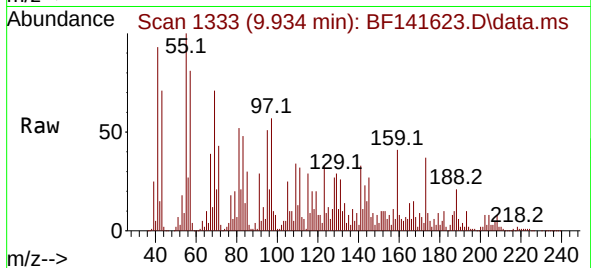
Tgt Ion:164 Resp: 75171

Ion Ratio Lower Upper

164 100

162 75.1 81.3 121.9#

160 118.3 35.9 53.9#



#42

2,4,6-Tribromophenol

Concen: 162.353 ng

RT: 10.733 min Scan# 1469

Delta R.T. 0.106 min

Lab File: BF141623.D

Acq: 13 Feb 2025 19:01

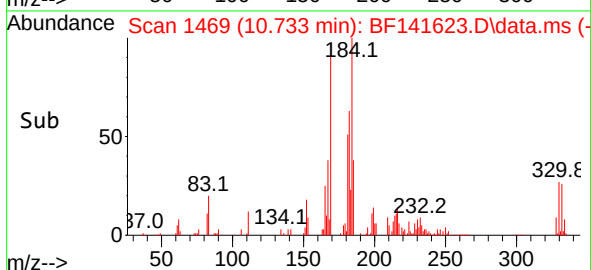
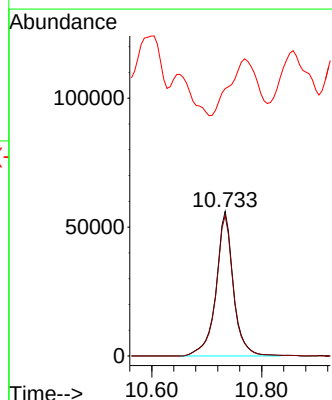
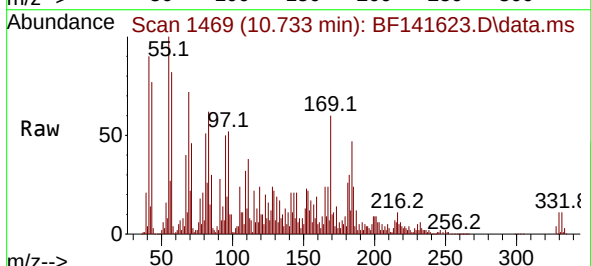
Tgt Ion:330 Resp: 122597

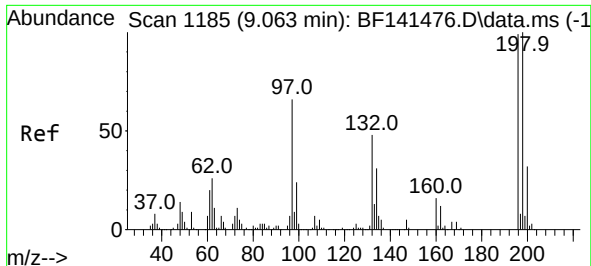
Ion Ratio Lower Upper

330 100

332 98.1 78.5 117.7

141 0.0 31.0 46.4#

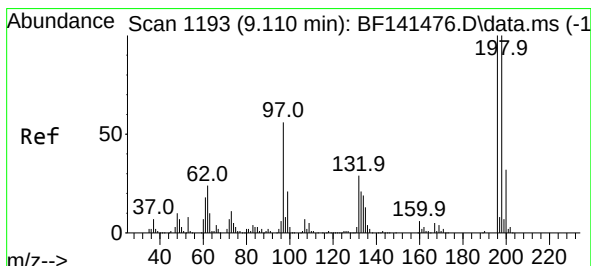
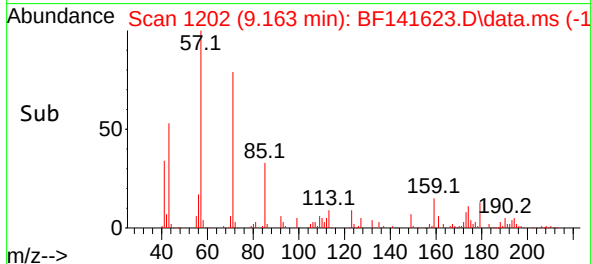
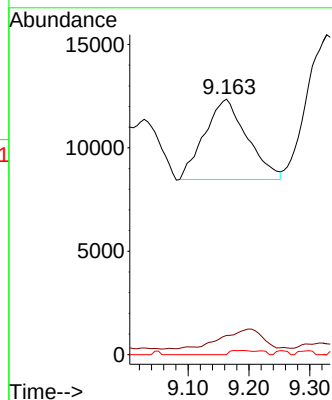
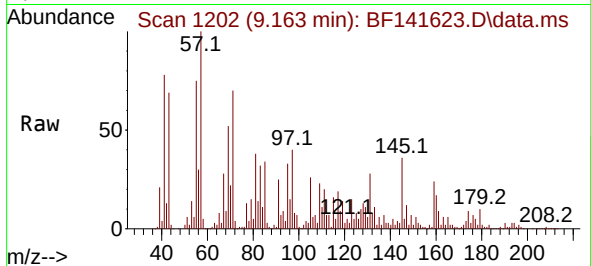




#43
2,4,6-Trichlorophenol
Concen: 13.436 ng
RT: 9.163 min Scan# 1185
Delta R.T. 0.094 min
Lab File: BF141623.D
Acq: 13 Feb 2025 19:01

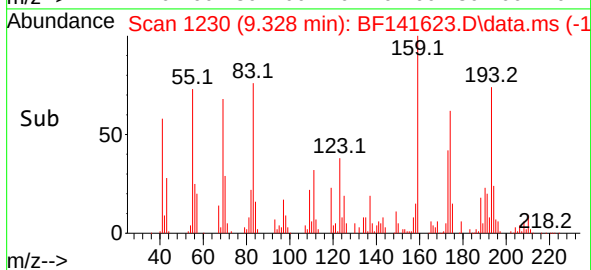
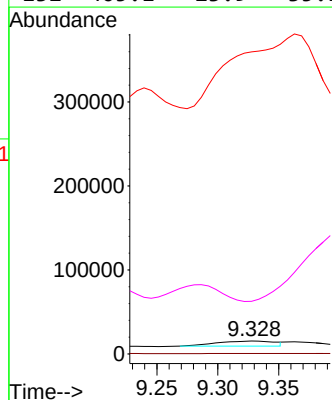
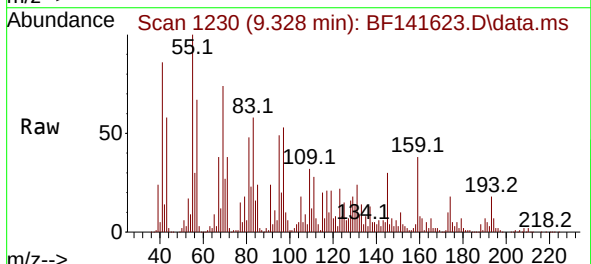
Instrument :
BNA_F
ClientSampleId :
MW1R

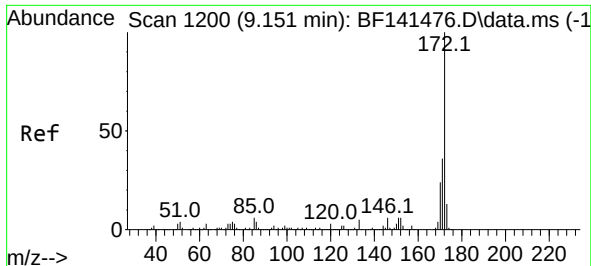
Tgt Ion:196 Resp: 18885
Ion Ratio Lower Upper
196 100
198 7.5 80.6 121.0#
200 0.0 25.5 38.3#



#44
2,4,5-Trichlorophenol
Concen: 13.174 ng
RT: 9.328 min Scan# 1230
Delta R.T. 0.212 min
Lab File: BF141623.D
Acq: 13 Feb 2025 19:01

Tgt Ion:196 Resp: 20069
Ion Ratio Lower Upper
196 100
198 3.4 79.8 119.8#
97 2325.5 44.8 67.2#
132 405.1 23.9 35.9#

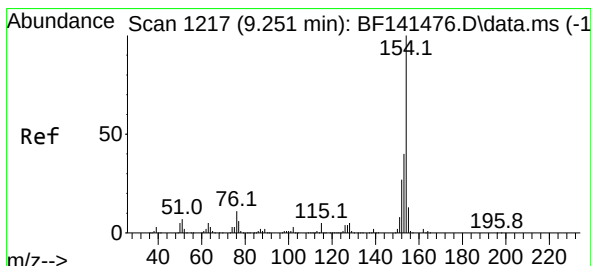
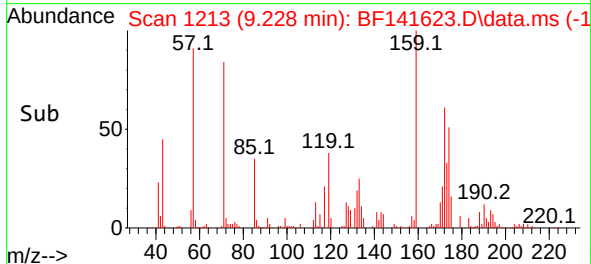
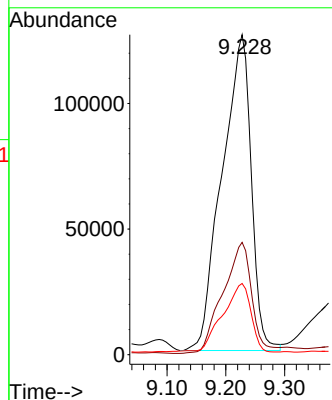
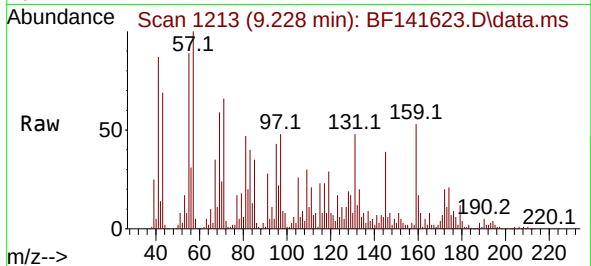




#45
2-Fluorobiphenyl
Concen: 88.954 ng
RT: 9.228 min Scan# 1213
Delta R.T. 0.077 min
Lab File: BF141623.D
Acq: 13 Feb 2025 19:01

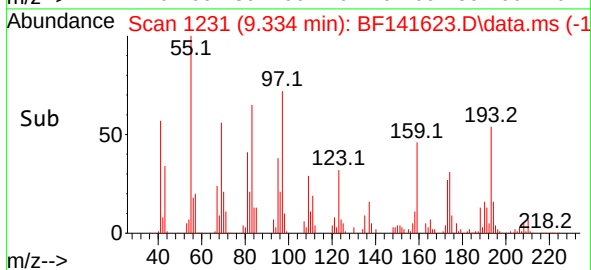
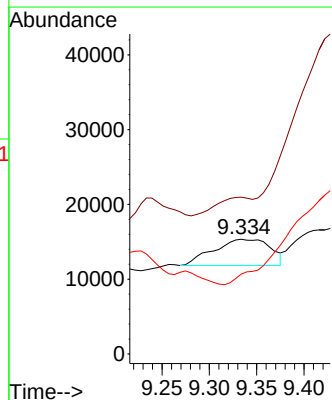
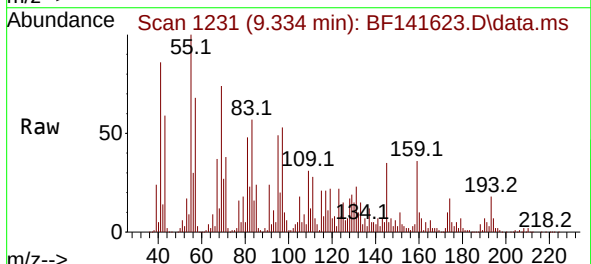
Instrument :
BNA_F
ClientSampleId :
MW1R

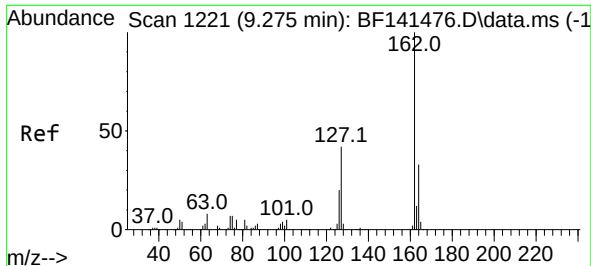
Tgt Ion:172 Resp: 434024
Ion Ratio Lower Upper
172 100
171 35.1 28.7 43.1
170 22.3 18.9 28.3



#46
1,1'-Biphenyl
Concen: 2.516 ng
RT: 9.334 min Scan# 1231
Delta R.T. 0.077 min
Lab File: BF141623.D
Acq: 13 Feb 2025 19:01

Tgt Ion:154 Resp: 14664
Ion Ratio Lower Upper
154 100
153 136.7 20.4 60.4#
76 69.6 0.0 30.8#

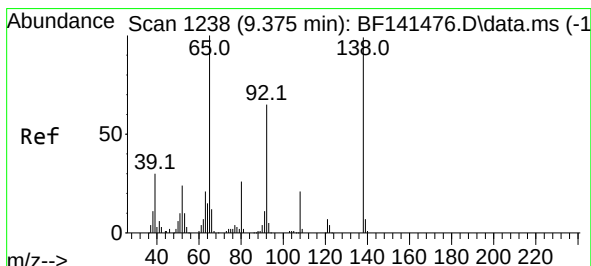
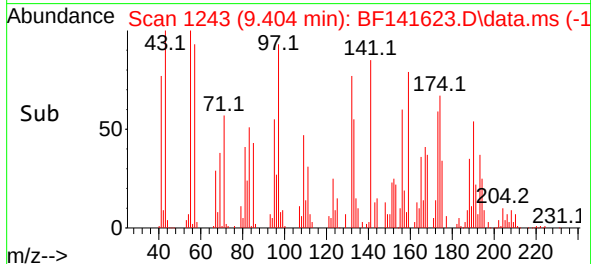
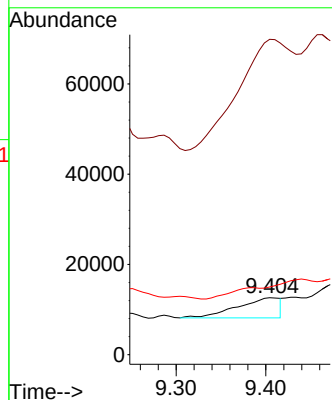
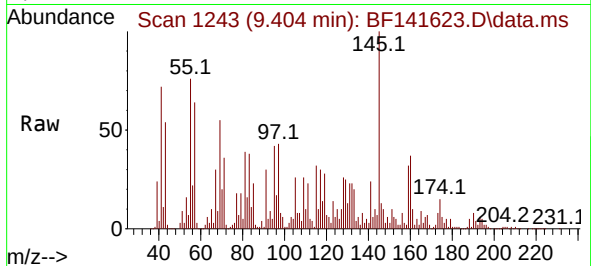




#47
2-Chloronaphthalene
Concen: 3.459 ng
RT: 9.404 min Scan# 1243
Delta R.T. 0.124 min
Lab File: BF141623.D
Acq: 13 Feb 2025 19:01

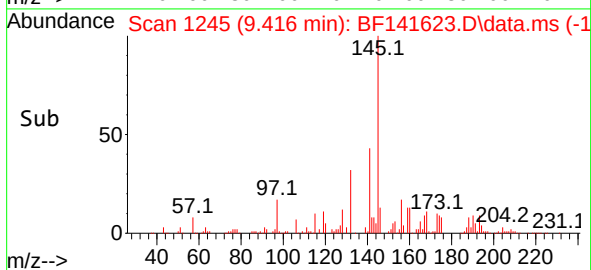
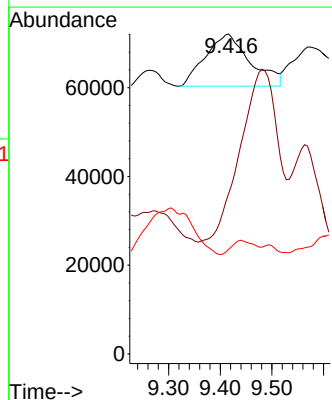
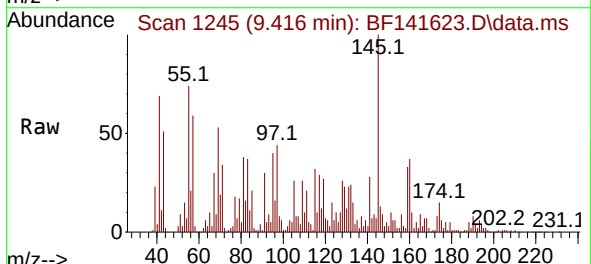
Instrument :
BNA_F
ClientSampleId :
MW1R

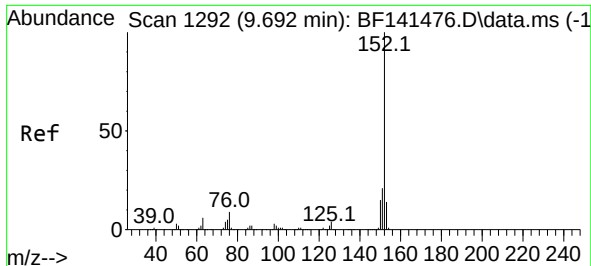
Tgt Ion:162 Resp: 14905
Ion Ratio Lower Upper
162 100
127 553.6 34.1 51.1#
164 119.0 26.3 39.5#



#48
2-Nitroaniline
Concen: 48.622 ng
RT: 9.416 min Scan# 1245
Delta R.T. 0.036 min
Lab File: BF141623.D
Acq: 13 Feb 2025 19:01

Tgt Ion: 65 Resp: 70322
Ion Ratio Lower Upper
65 100
92 50.0 52.2 78.2#
138 32.6 79.5 119.3#





#49

Acenaphthylene

Concen: 6.248 ng

RT: 9.798 min Scan# 11

Delta R.T. 0.106 min

Lab File: BF141623.D

Acq: 13 Feb 2025 19:01

Instrument :

BNA_F

ClientSampleId :

MW1R

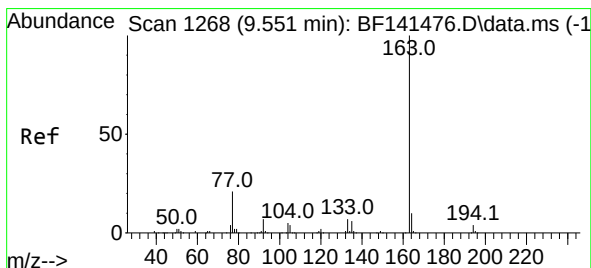
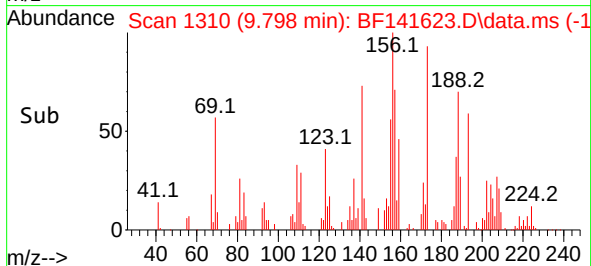
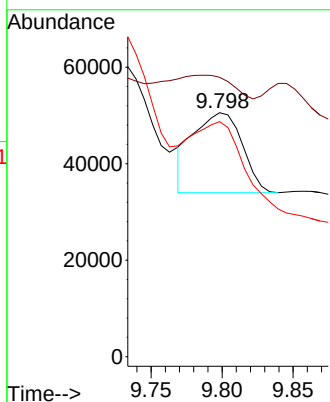
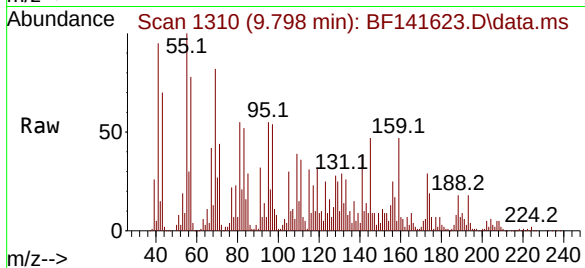
Tgt Ion:152 Resp: 40049

Ion Ratio Lower Upper

152 100

151 114.5 16.4 24.6#

153 96.3 10.9 16.3#



#50

Dimethylphthalate

Concen: 2.329 ng

RT: 9.645 min Scan# 1284

Delta R.T. 0.083 min

Lab File: BF141623.D

Acq: 13 Feb 2025 19:01

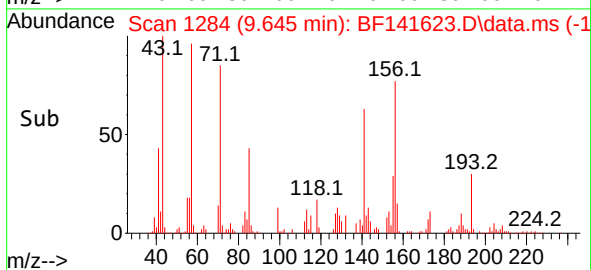
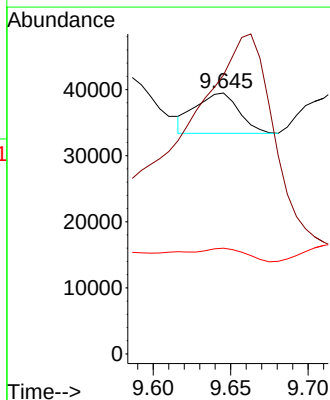
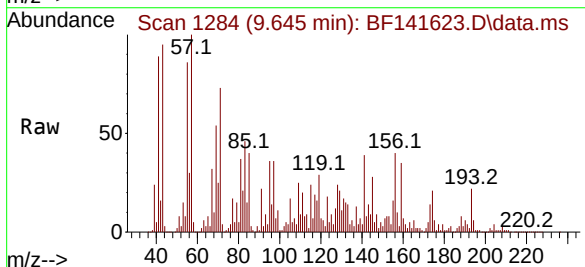
Tgt Ion:163 Resp: 11886

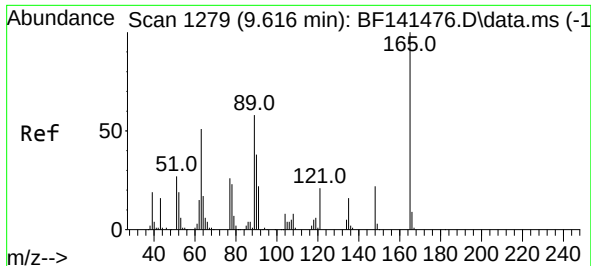
Ion Ratio Lower Upper

163 100

194 106.9 3.0 4.4#

164 40.5 7.9 11.9#





#51

2,6-Dinitrotoluene

Concen: 70.318 ng

RT: 9.763 min Scan# 1

Delta R.T. 0.141 min

Lab File: BF141623.D

Acq: 13 Feb 2025 19:01

Instrument :

BNA_F

ClientSampleId :

MW1R

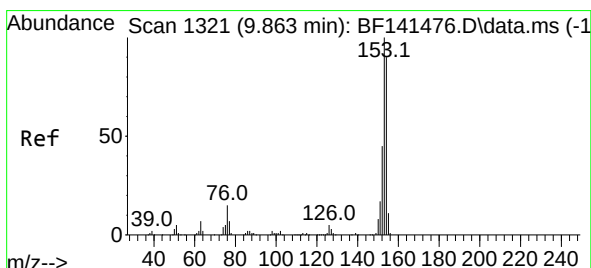
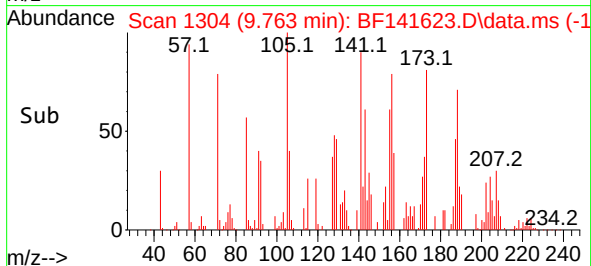
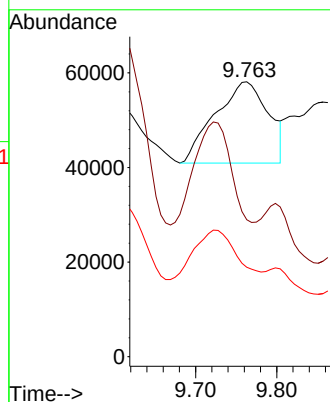
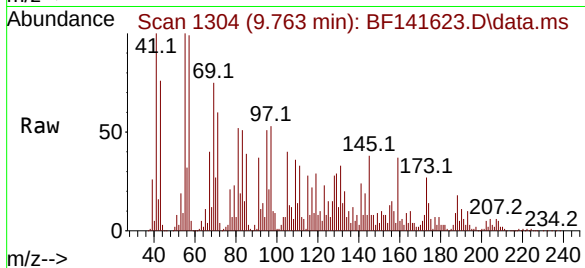
Tgt Ion:165 Resp: 78446

Ion Ratio Lower Upper

165 100

63 49.8 49.4 74.0

89 32.6 46.5 69.7#



#52

Acenaphthene

Concen: 48.302 ng

RT: 9.969 min Scan# 1339

Delta R.T. 0.100 min

Lab File: BF141623.D

Acq: 13 Feb 2025 19:01

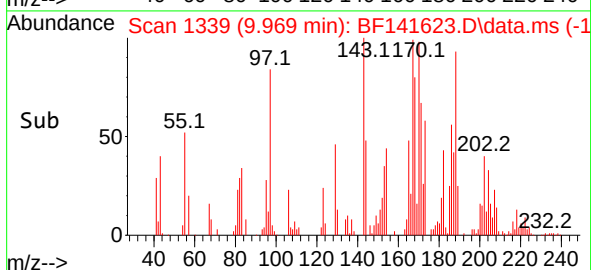
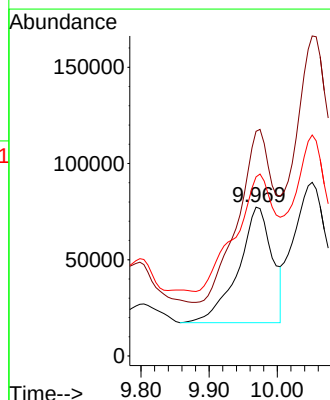
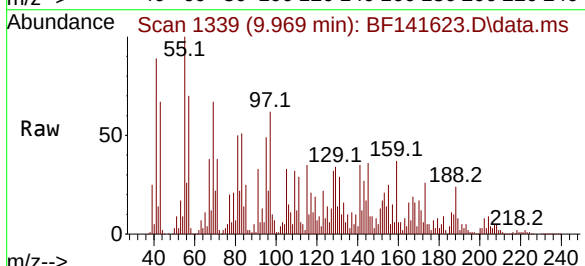
Tgt Ion:154 Resp: 208149

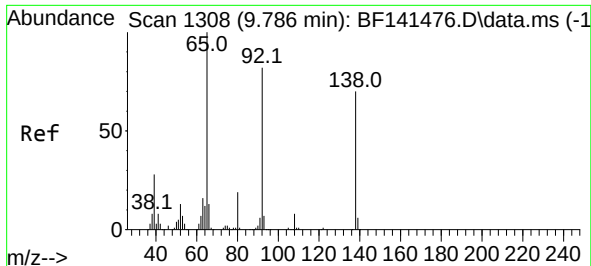
Ion Ratio Lower Upper

154 100

153 150.9 89.2 133.8#

152 120.3 39.8 59.8#

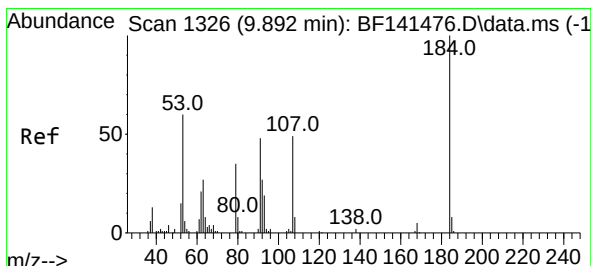
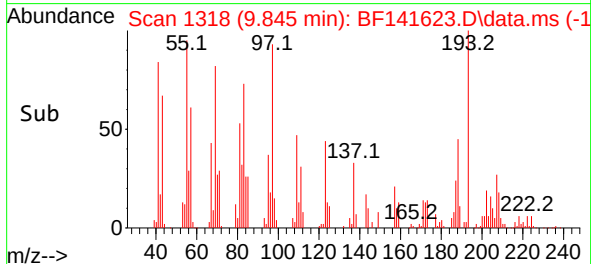
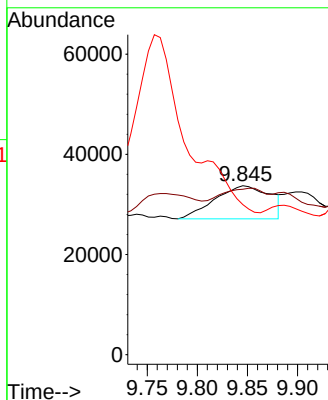
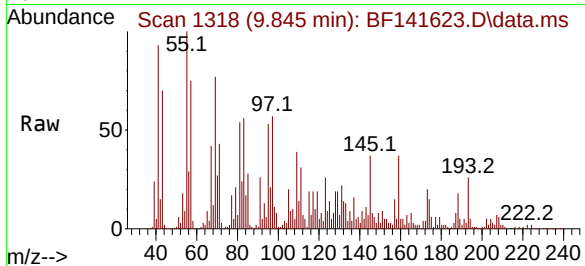




#53
3-Nitroaniline
Concen: 21.262 ng
RT: 9.845 min Scan# 111
Delta R.T. 0.053 min
Lab File: BF141623.D
Acq: 13 Feb 2025 19:01

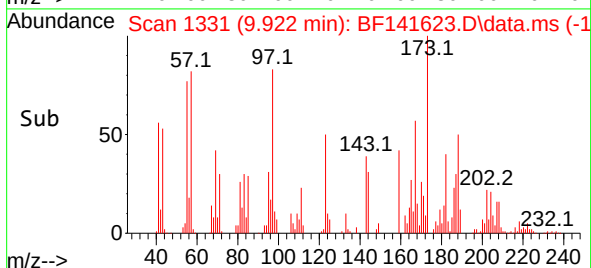
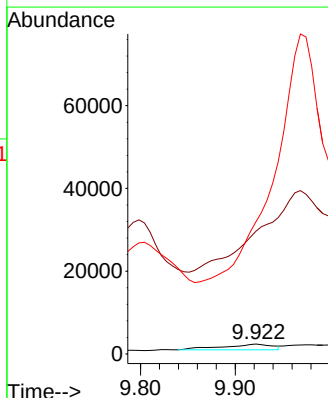
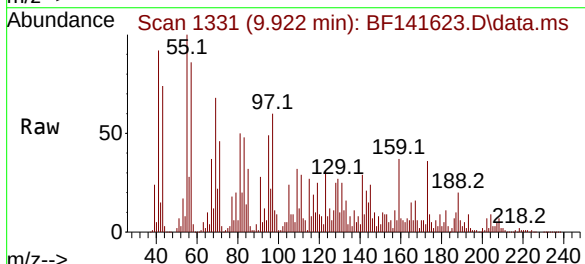
Instrument :
BNA_F
ClientSampleId :
MW1R

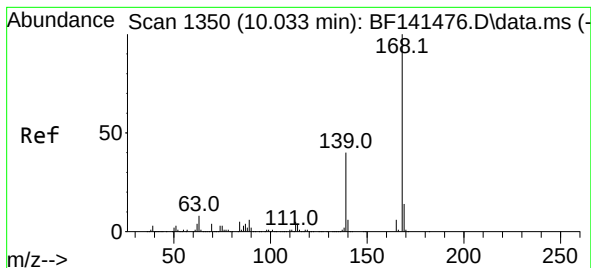
Tgt Ion:138 Resp: 25530
Ion Ratio Lower Upper
138 100
108 98.0 9.0 13.4#
92 88.9 93.7 140.5#



#54
2,4-Dinitrophenol
Concen: 7.513 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.018 min
Lab File: BF141623.D
Acq: 13 Feb 2025 19:01

Tgt Ion:184 Resp: 4981
Ion Ratio Lower Upper
184 100
63 1245.7 61.0 91.6#
154 1342.2 59.9 89.9#

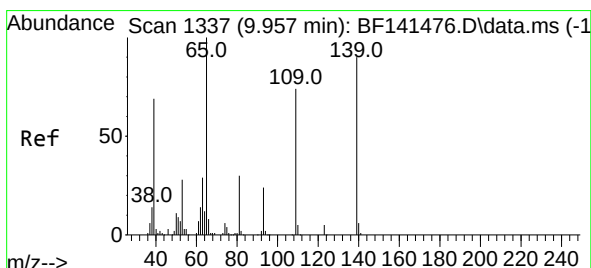
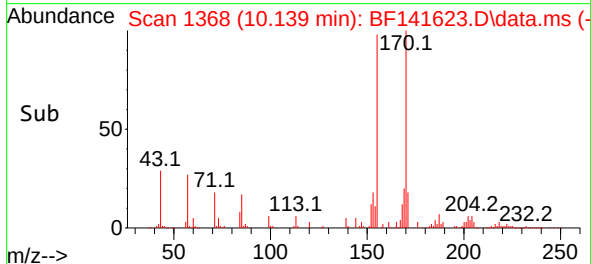
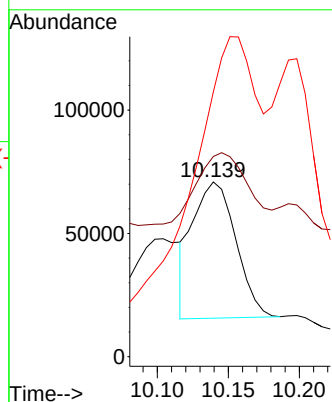
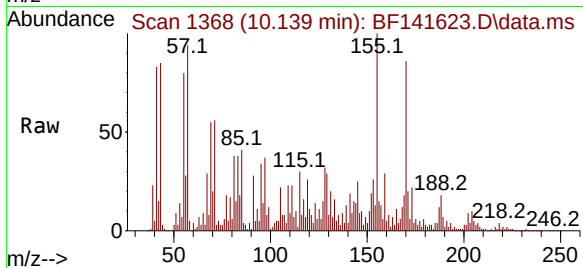




#55
Dibenzenofuran
Concen: 18.472 ng
RT: 10.139 min Scan# 11
Delta R.T. 0.100 min
Lab File: BF141623.D
Acq: 13 Feb 2025 19:01

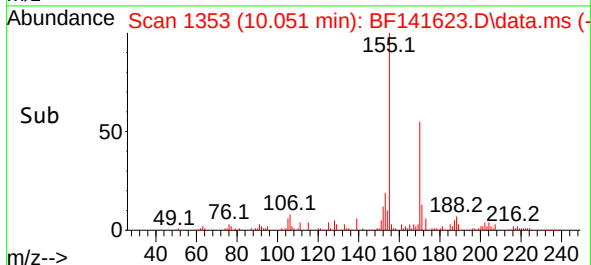
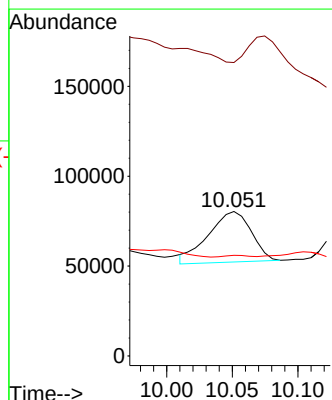
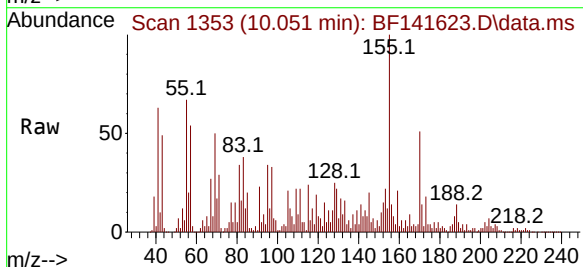
Instrument :
BNA_F
ClientSampleId :
MW1R

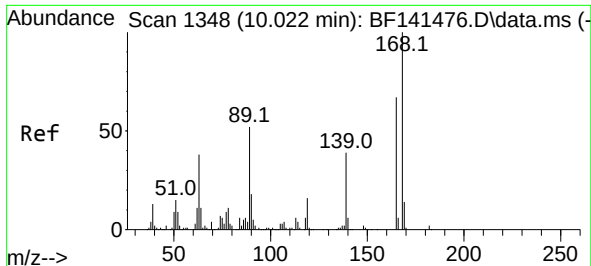
Tgt Ion:168 Resp: 116839
Ion Ratio Lower Upper
168 100
139 114.5 32.7 49.1#
169 151.4 10.8 16.2#



#56
4-Nitrophenol
Concen: 72.287 ng
RT: 10.051 min Scan# 1353
Delta R.T. 0.083 min
Lab File: BF141623.D
Acq: 13 Feb 2025 19:01

Tgt Ion:139 Resp: 64431
Ion Ratio Lower Upper
139 100
109 203.2 62.0 102.0#
65 69.7 91.2 131.2#

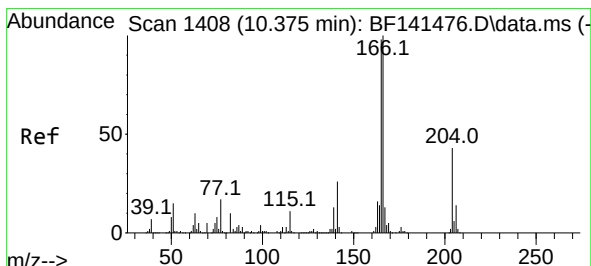
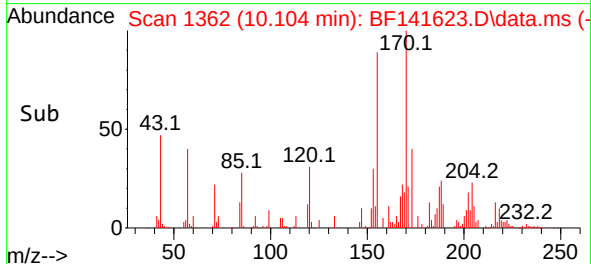
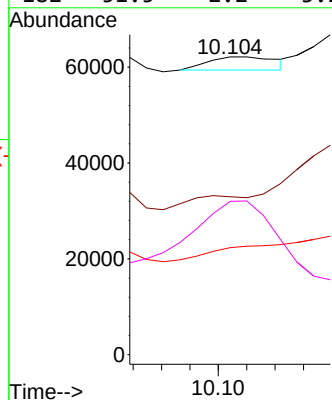
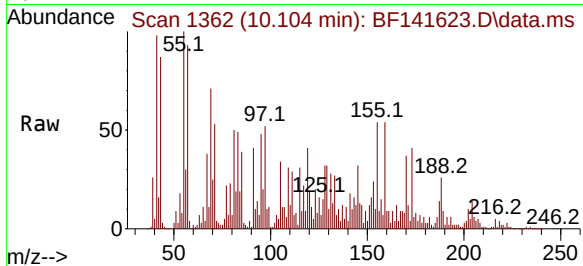




#57
2,4-Dinitrotoluene
Concen: 3.126 ng
RT: 10.104 min Scan# 11
Delta R.T. 0.077 min
Lab File: BF141623.D
Acq: 13 Feb 2025 19:01

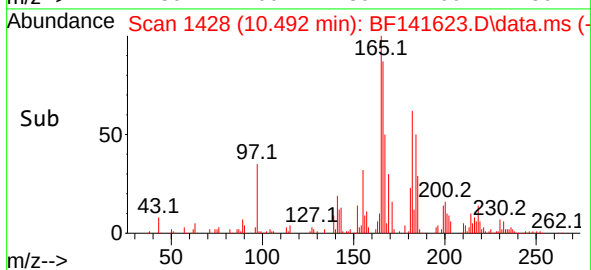
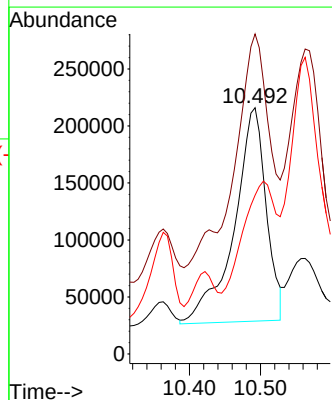
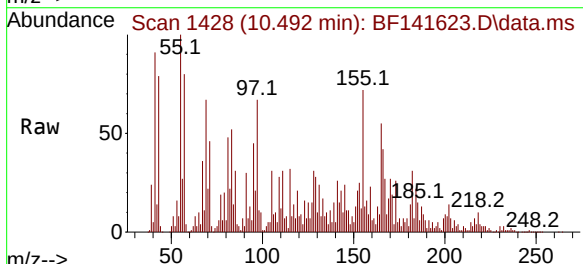
Instrument :
BNA_F
ClientSampleId :
MW1R

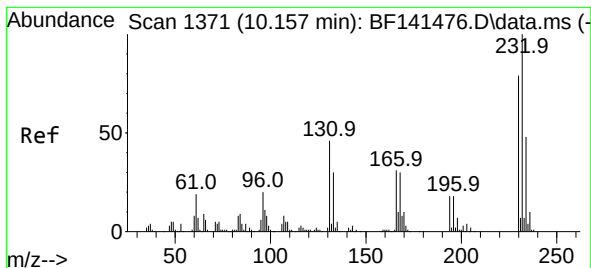
Tgt Ion:165 Resp: 4643
Ion Ratio Lower Upper
165 100
63 53.0 46.4 69.6
89 36.0 61.8 92.6#
182 51.5 2.2 3.2#



#58
Fluorene
Concen: 120.238 ng
RT: 10.492 min Scan# 1428
Delta R.T. 0.112 min
Lab File: BF141623.D
Acq: 13 Feb 2025 19:01

Tgt Ion:166 Resp: 588051
Ion Ratio Lower Upper
166 100
165 130.0 78.2 117.2#
167 64.5 10.7 16.1#

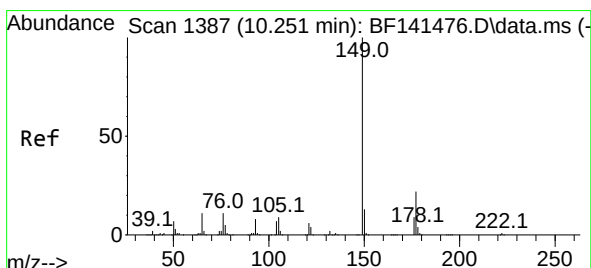
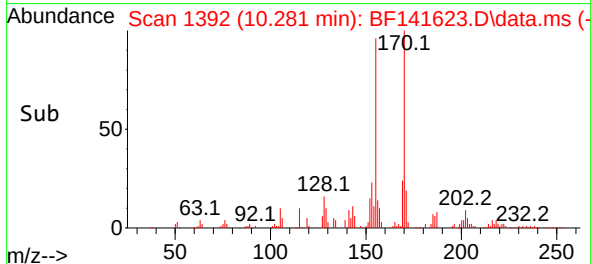
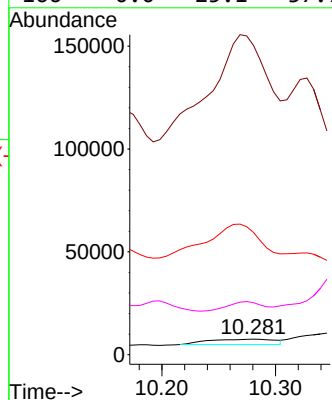
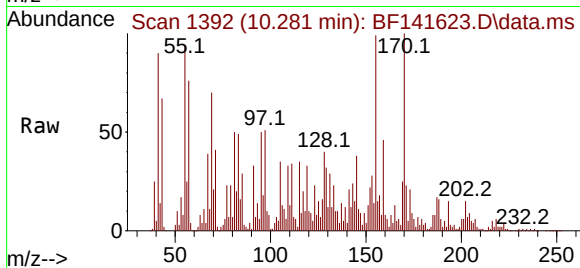




#59
2,3,4,6-Tetrachlorophenol
Concen: 8.124 ng
RT: 10.281 min Scan# 1410
Delta R.T. 0.118 min
Lab File: BF141623.D
Acq: 13 Feb 2025 19:01

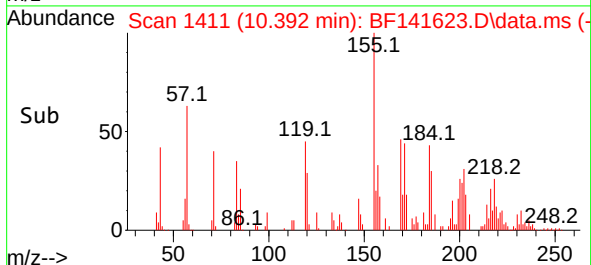
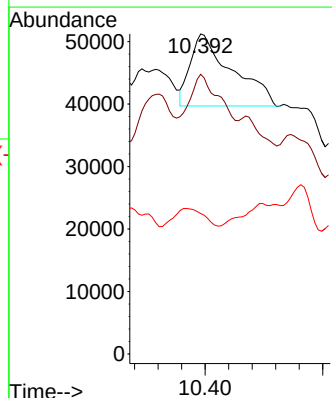
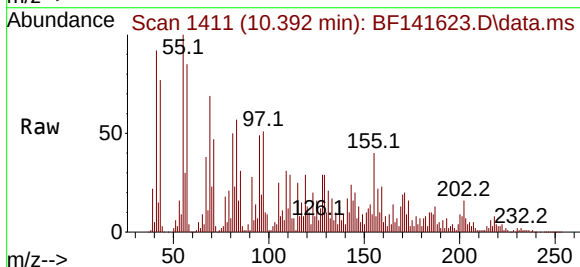
Instrument :
BNA_F
ClientSampleId :
MW1R

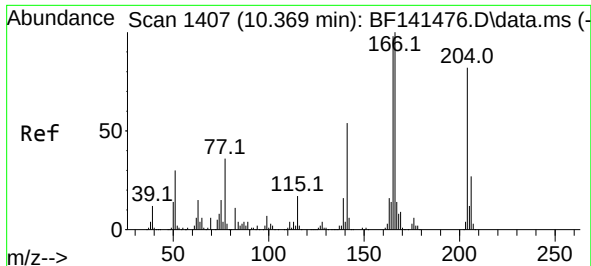
Tgt Ion:232 Resp: 10655
Ion Ratio Lower Upper
232 100
131 1698.6 39.2 58.8#
130 492.0 2.1 3.1#
166 0.0 25.1 37.7#



#60
Diethylphthalate
Concen: 11.292 ng
RT: 10.392 min Scan# 1411
Delta R.T. 0.136 min
Lab File: BF141623.D
Acq: 13 Feb 2025 19:01

Tgt Ion:149 Resp: 56695
Ion Ratio Lower Upper
149 100
177 87.4 17.8 26.6#
150 43.9 10.1 15.1#

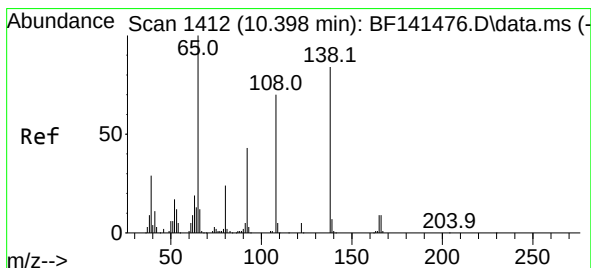
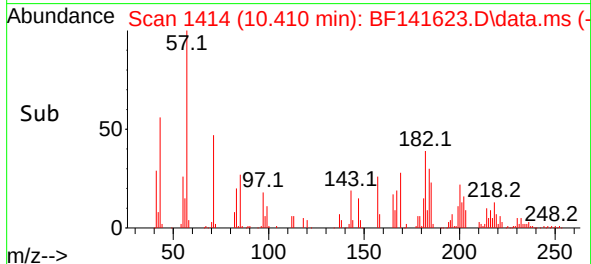
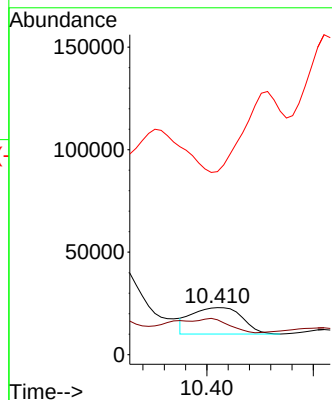
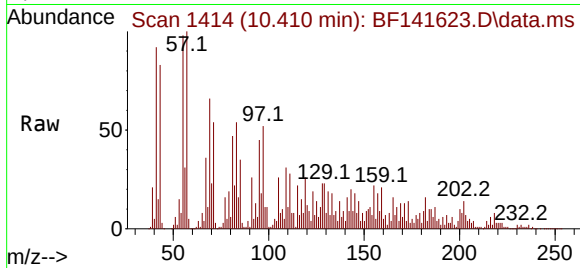




#61
4-Chlorophenyl-phenylether
Concen: 17.998 ng
RT: 10.410 min Scan# 1414
Delta R.T. 0.036 min
Lab File: BF141623.D
Acq: 13 Feb 2025 19:01

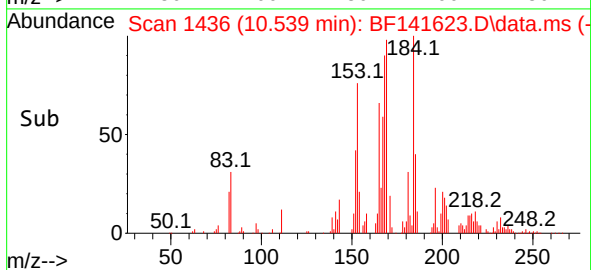
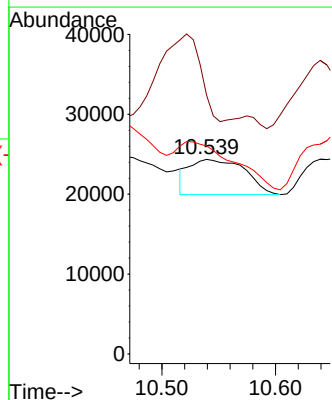
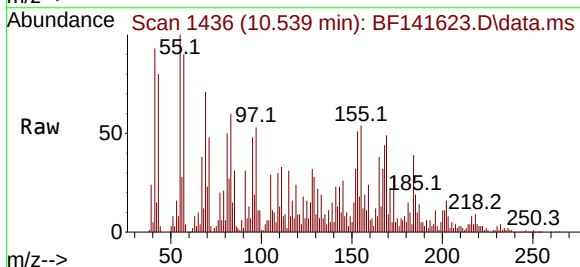
Instrument :
BNA_F
ClientSampleId :
MW1R

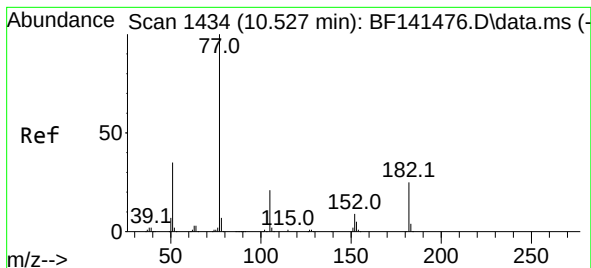
Tgt Ion:204 Resp: 42346
Ion Ratio Lower Upper
204 100
206 74.3 26.6 40.0#
141 389.2 51.9 77.9#



#62
4-Nitroaniline
Concen: 12.295 ng
RT: 10.539 min Scan# 1436
Delta R.T. 0.124 min
Lab File: BF141623.D
Acq: 13 Feb 2025 19:01

Tgt Ion:138 Resp: 14990
Ion Ratio Lower Upper
138 100
92 132.9 31.3 71.3#
108 106.9 63.7 103.7#





#63

Azobenzene

Concen: 16.014 ng

RT: 10.639 min Scan# 1434

Delta R.T. 0.106 min

Lab File: BF141623.D

Acq: 13 Feb 2025 19:01

Instrument :

BNA_F

ClientSampleId :

MW1R

Tgt Ion: 77 Resp: 79935

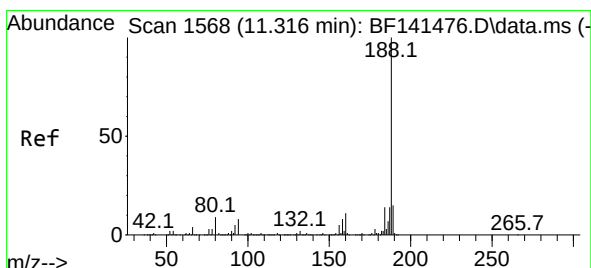
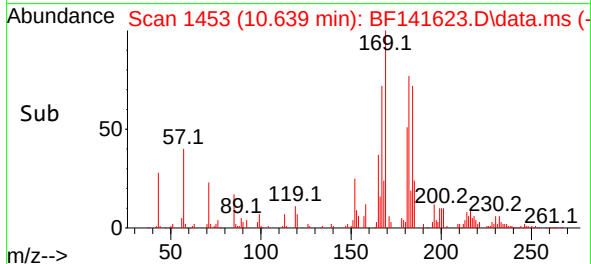
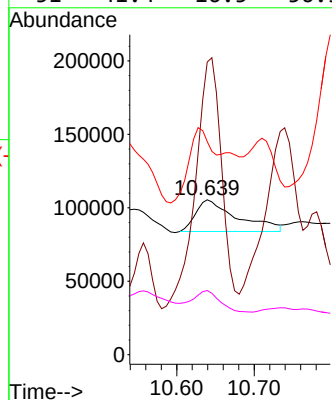
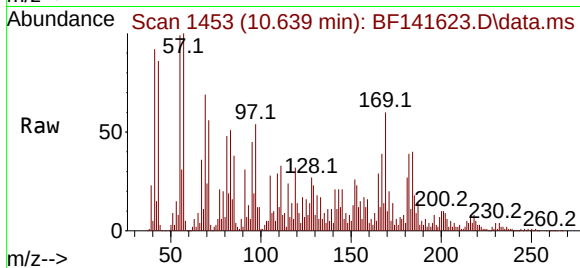
Ion Ratio Lower Upper

77 100

182 188.9 4.7 44.7#

105 137.5 0.4 40.4#

51 41.4 16.5 56.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.428 min Scan# 1587

Delta R.T. 0.112 min

Lab File: BF141623.D

Acq: 13 Feb 2025 19:01

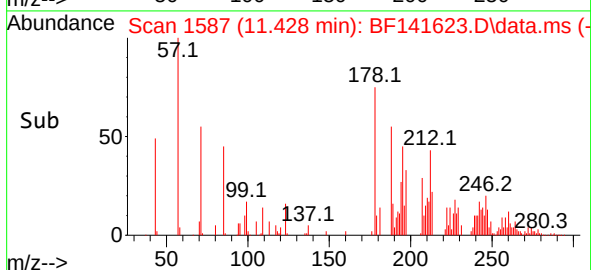
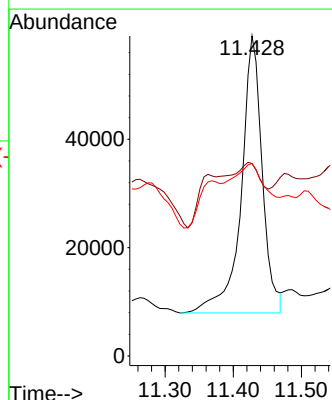
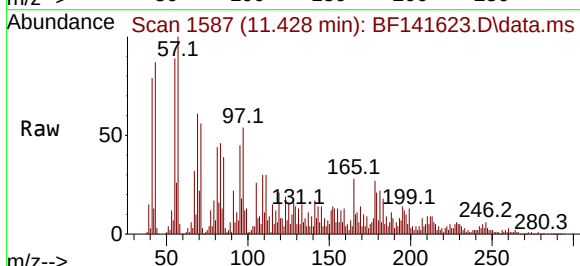
Tgt Ion:188 Resp: 109475

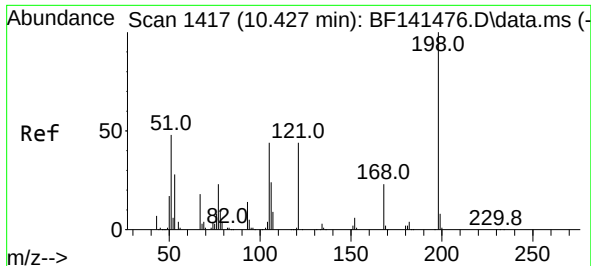
Ion Ratio Lower Upper

188 100

94 60.2 6.6 10.0#

80 60.1 7.3 10.9#

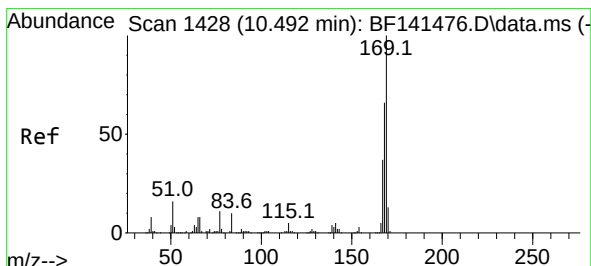
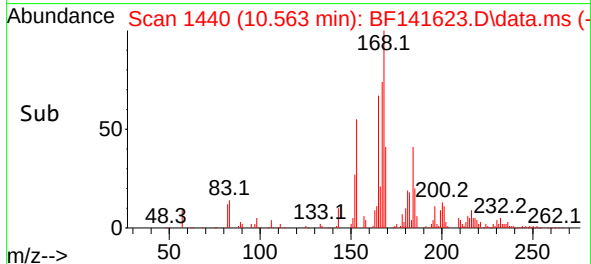
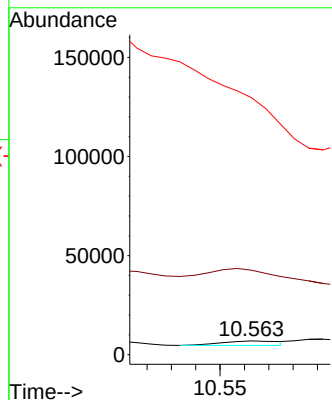
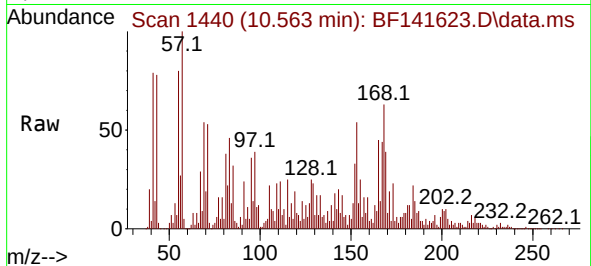




#65
4,6-Dinitro-2-methylphenol
Concen: 4.805 ng
RT: 10.563 min Scan# 1417
Delta R.T. 0.124 min
Lab File: BF141623.D
Acq: 13 Feb 2025 19:01

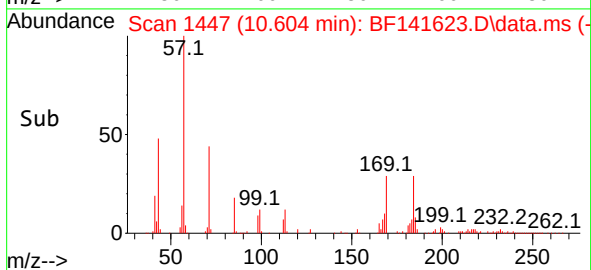
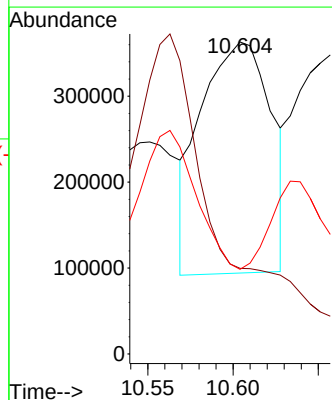
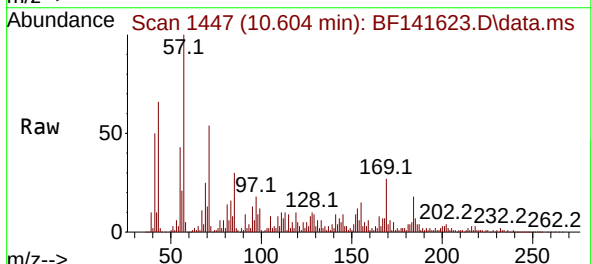
Instrument :
BNA_F
ClientSampleId :
MW1R

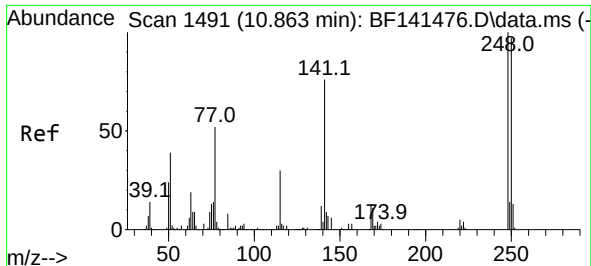
Tgt Ion:198 Resp: 3654
Ion Ratio Lower Upper
198 100
51 614.5 37.4 77.4#
105 1867.9 25.2 65.2#



#66
n-Nitrosodiphenylamine
Concen: 219.656 ng
RT: 10.604 min Scan# 1447
Delta R.T. 0.106 min
Lab File: BF141623.D
Acq: 13 Feb 2025 19:01

Tgt Ion:169 Resp: 769762
Ion Ratio Lower Upper
169 100
168 27.4 53.3 79.9#
167 27.1 29.4 44.2#

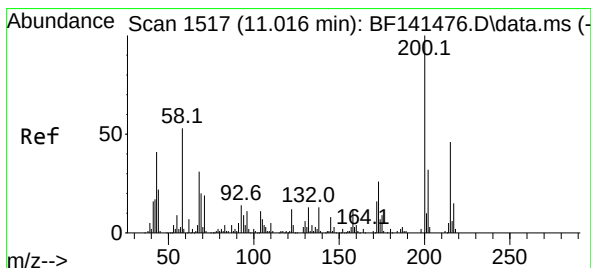
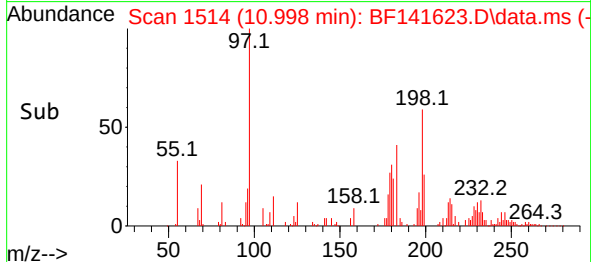
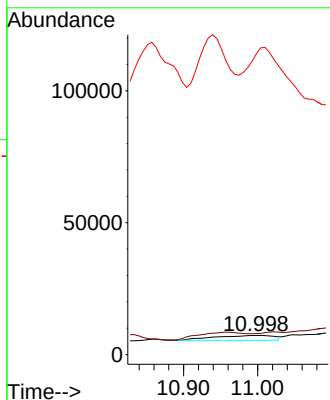
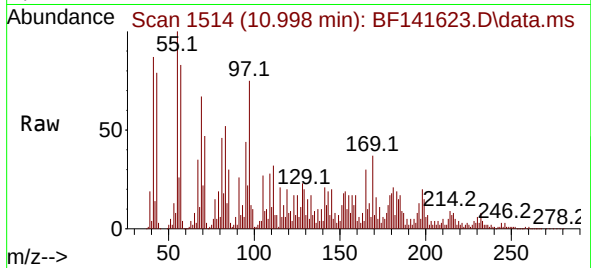




#67
4-Bromophenyl-phenylether
Concen: 8.552 ng
RT: 10.998 min Scan# 1514
Delta R.T. 0.136 min
Lab File: BF141623.D
Acq: 13 Feb 2025 19:01

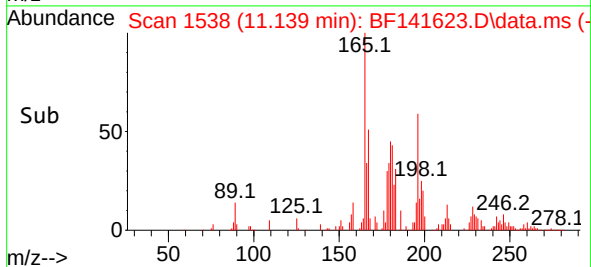
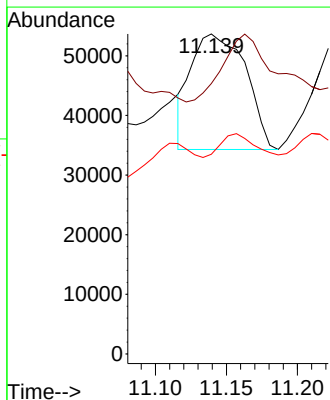
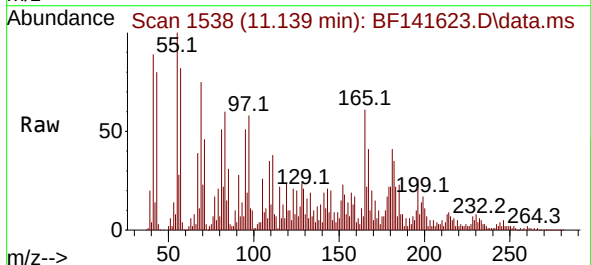
Instrument :
BNA_F
ClientSampleId :
MW1R

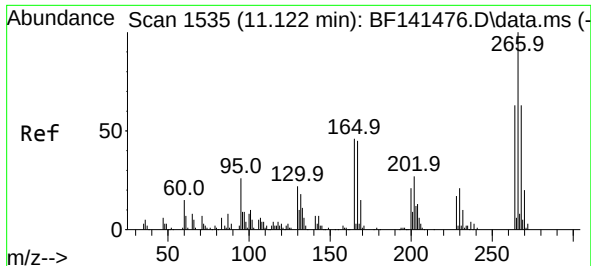
Tgt Ion:248 Resp: 10463
Ion Ratio Lower Upper
248 100
250 109.6 77.8 116.6
141 1566.7 60.6 90.8#



#69
Atrazine
Concen: 49.438 ng
RT: 11.139 min Scan# 1538
Delta R.T. 0.118 min
Lab File: BF141623.D
Acq: 13 Feb 2025 19:01

Tgt Ion:200 Resp: 51975
Ion Ratio Lower Upper
200 100
173 84.5 5.9 45.9#
215 62.4 25.9 65.9

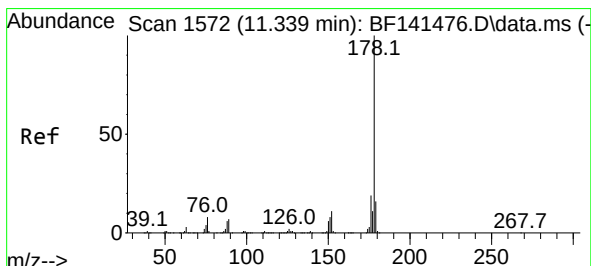
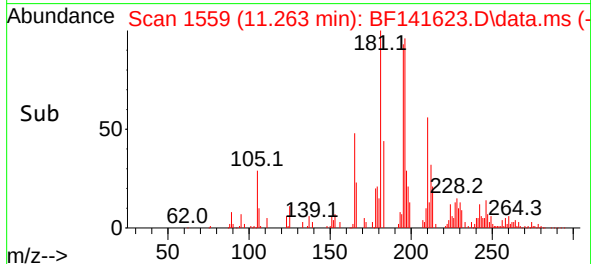
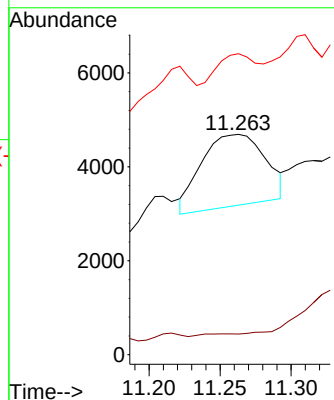
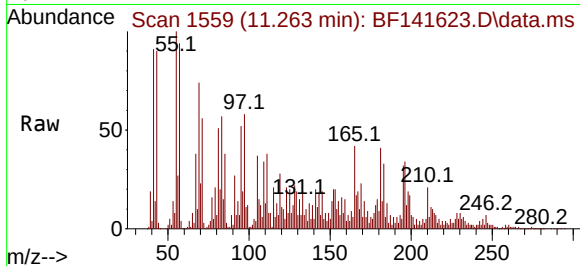




#70
Pentachlorophenol
Concen: 5.937 ng
RT: 11.263 min Scan# 1559
Delta R.T. 0.136 min
Lab File: BF141623.D
Acq: 13 Feb 2025 19:01

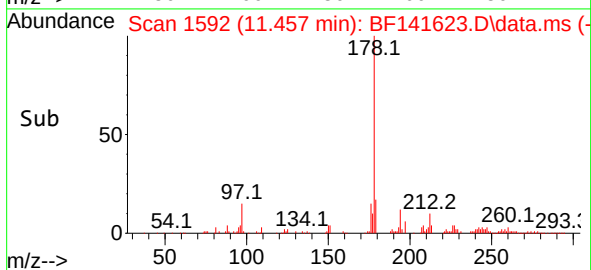
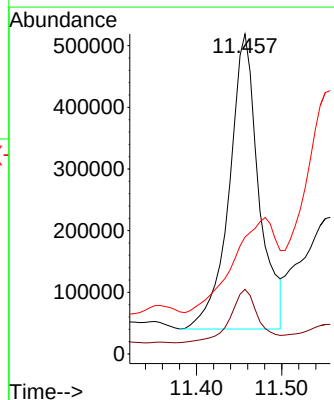
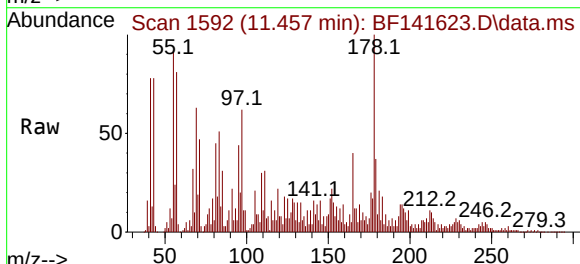
Instrument :
BNA_F
ClientSampleId :
MW1R

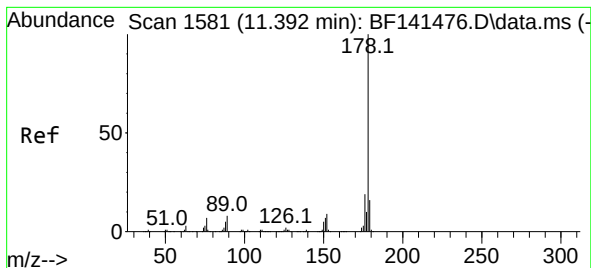
Tgt Ion:266 Resp: 4783
Ion Ratio Lower Upper
266 100
268 9.4 50.1 75.1#
264 136.6 50.1 75.1#



#71
Phenanthrene
Concen: 191.834 ng
RT: 11.457 min Scan# 1592
Delta R.T. 0.112 min
Lab File: BF141623.D
Acq: 13 Feb 2025 19:01

Tgt Ion:178 Resp: 1156013
Ion Ratio Lower Upper
178 100
176 20.2 15.4 23.0
179 36.5 12.4 18.6#





#72

Anthracene

Concen: 48.084 ng

RT: 11.557 min Scan# 1

Delta R.T. 0.159 min

Lab File: BF141623.D

Acq: 13 Feb 2025 19:01

Instrument :

BNA_F

ClientSampleId :

MW1R

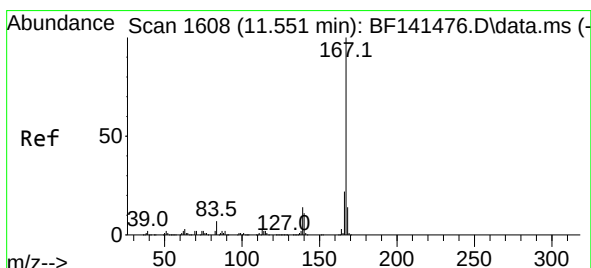
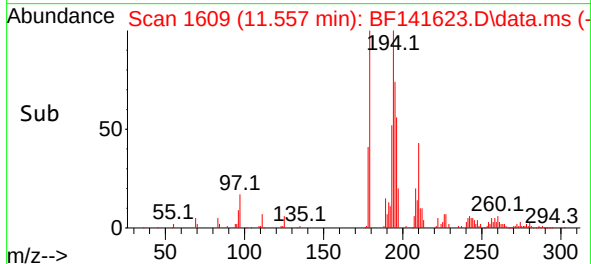
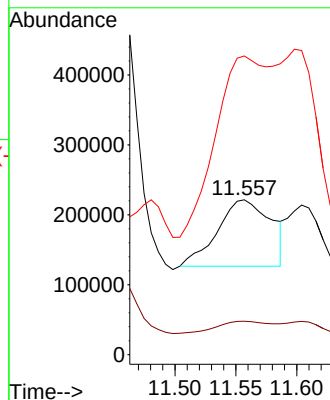
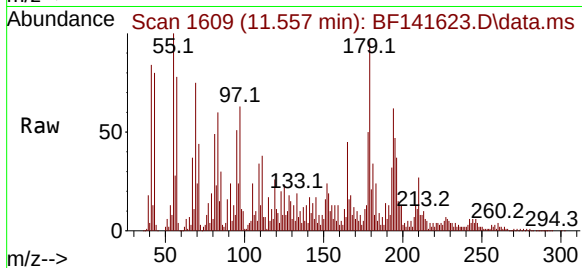
Tgt Ion:178 Resp: 291279

Ion Ratio Lower Upper

178 100

176 21.6 14.8 22.2

179 192.8 12.4 18.6#



#73

Carbazole

Concen: 4.935 ng

RT: 11.698 min Scan# 1633

Delta R.T. 0.147 min

Lab File: BF141623.D

Acq: 13 Feb 2025 19:01

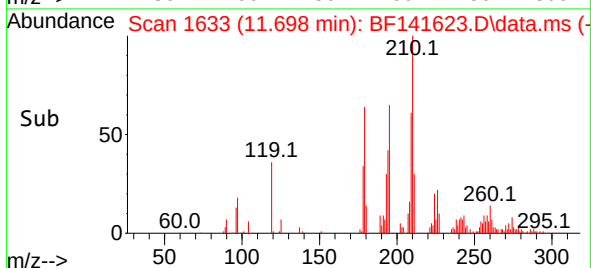
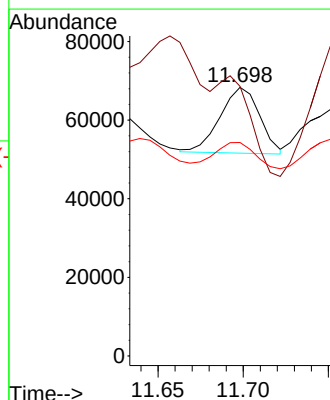
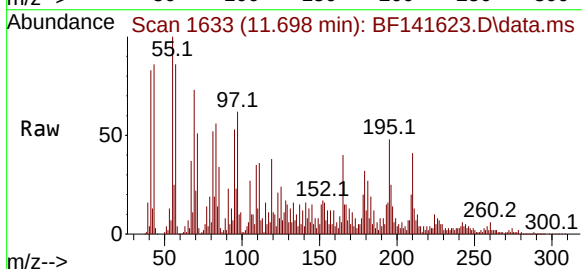
Tgt Ion:167 Resp: 26899

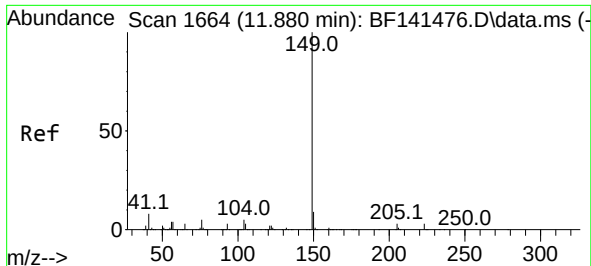
Ion Ratio Lower Upper

167 100

166 100.3 17.4 26.2#

139 79.4 10.9 16.3#

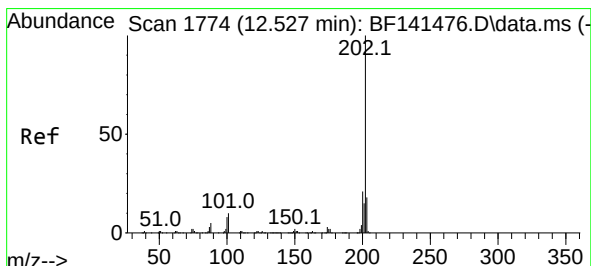
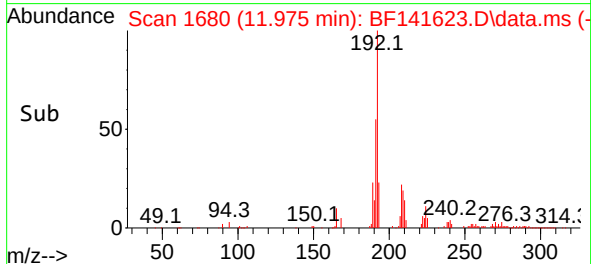
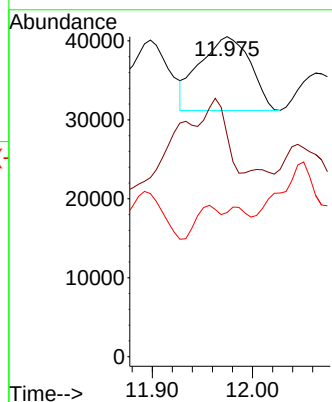
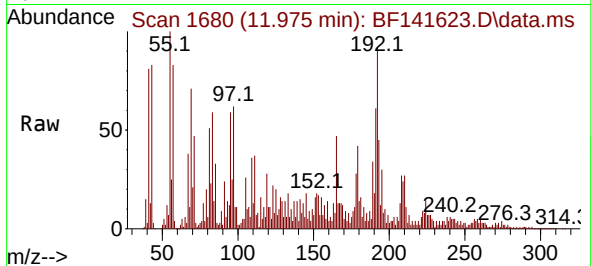




#74
Di-n-butylphthalate
Concen: 5.214 ng
RT: 11.975 min Scan# 1180
Delta R.T. 0.094 min
Lab File: BF141623.D
Acq: 13 Feb 2025 19:01

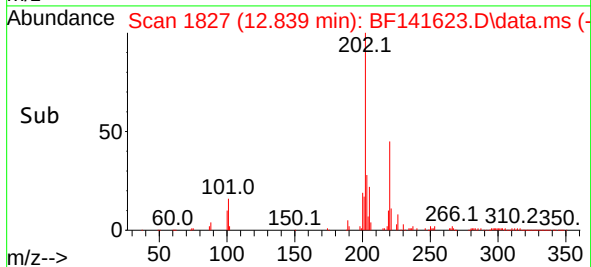
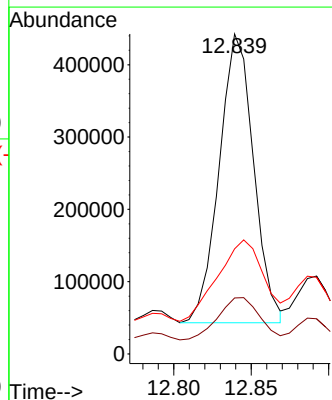
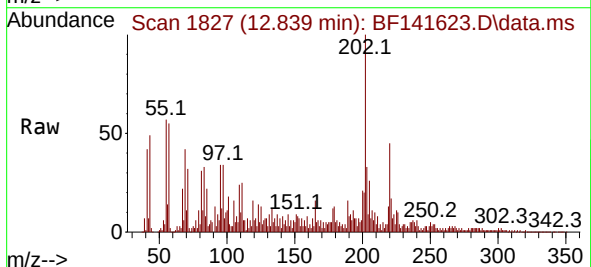
Instrument :
BNA_F
ClientSampleId :
MW1R

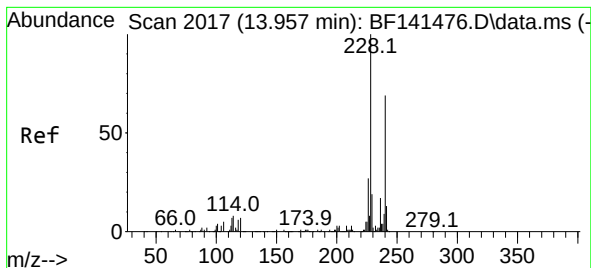
Tgt Ion:149 Resp: 32815
Ion Ratio Lower Upper
149 100
150 69.3 7.4 11.0#
104 45.1 4.2 6.2#



#75
Fluoranthene
Concen: 96.656 ng
RT: 12.839 min Scan# 1827
Delta R.T. 0.306 min
Lab File: BF141623.D
Acq: 13 Feb 2025 19:01

Tgt Ion:202 Resp: 617521
Ion Ratio Lower Upper
202 100
101 17.5 0.0 30.2
203 32.8 0.0 37.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 20

Delta R.T. 0.012 min

Lab File: BF141623.D

Acq: 13 Feb 2025 19:01

Instrument :

BNA_F

ClientSampleId :

MW1R

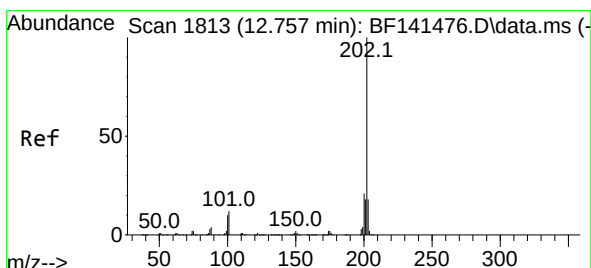
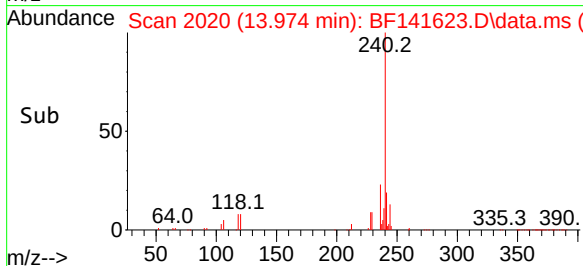
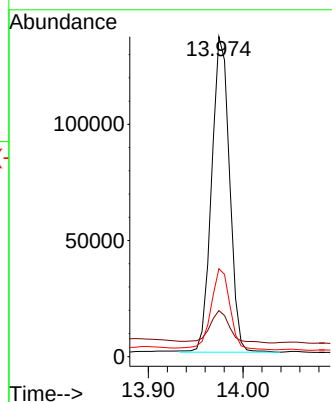
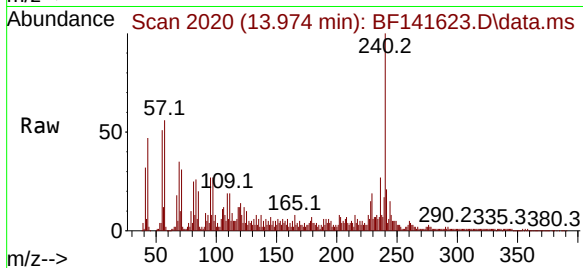
Tgt Ion:240 Resp: 177815

Ion Ratio Lower Upper

240 100

120 14.4 8.0 12.0#

236 27.5 19.8 29.8



#78

Pyrene

Concen: 4.347 ng

RT: 12.786 min Scan# 1818

Delta R.T. 0.024 min

Lab File: BF141623.D

Acq: 13 Feb 2025 19:01

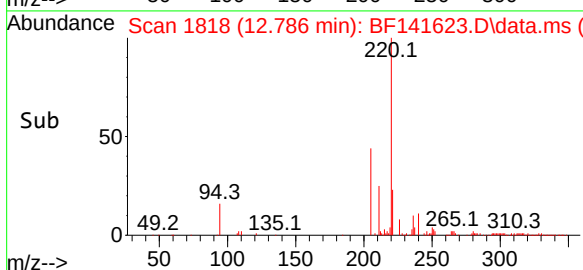
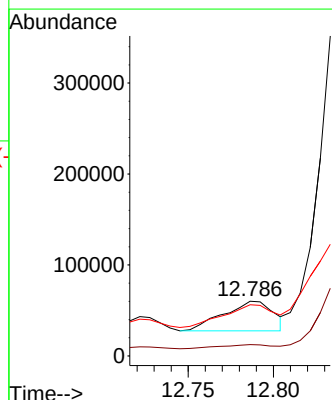
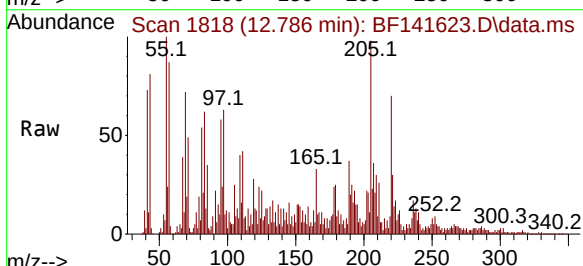
Tgt Ion:202 Resp: 65806

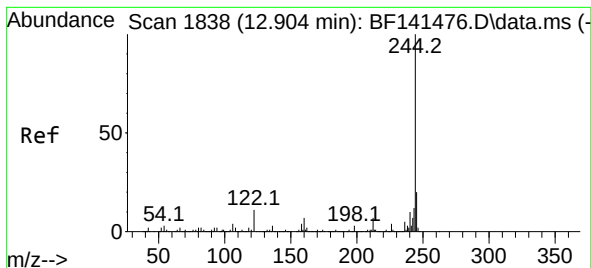
Ion Ratio Lower Upper

202 100

200 20.9 17.0 25.4

203 93.7 14.3 21.5#





#79

Terphenyl-d14

Concen: 64.012 ng

RT: 12.963 min Scan# 1848

Delta R.T. 0.059 min

Lab File: BF141623.D

Acq: 13 Feb 2025 19:01

Instrument :

BNA_F

ClientSampleId :

MW1R

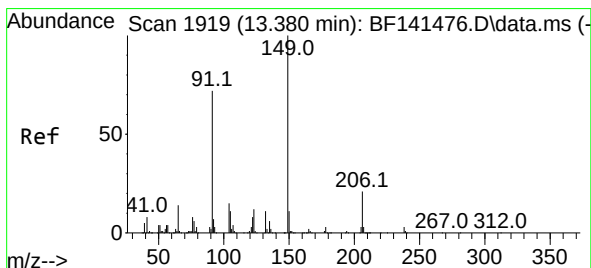
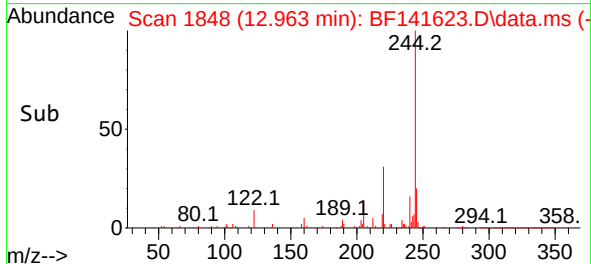
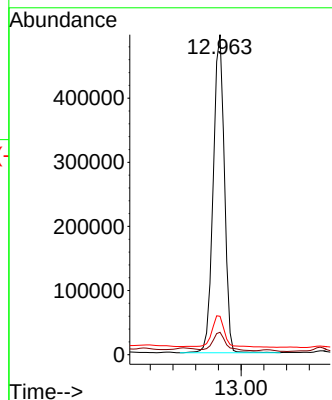
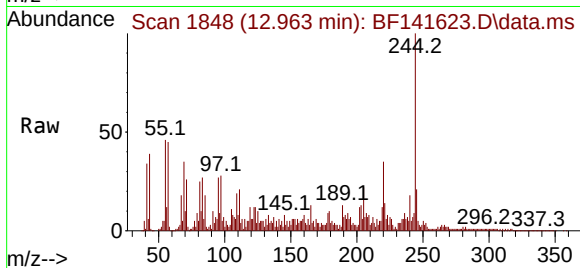
Tgt Ion:244 Resp: 674235

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 12.0 8.4 12.6



#80

Butylbenzylphthalate

Concen: 4.384 ng

RT: 13.139 min Scan# 1878

Delta R.T. -0.241 min

Lab File: BF141623.D

Acq: 13 Feb 2025 19:01

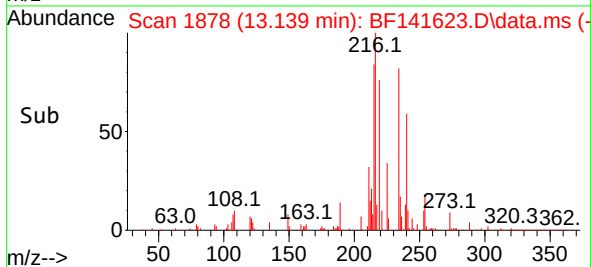
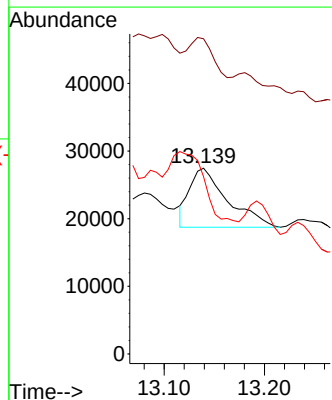
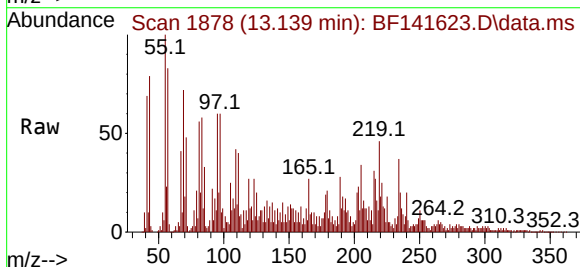
Tgt Ion:149 Resp: 22984

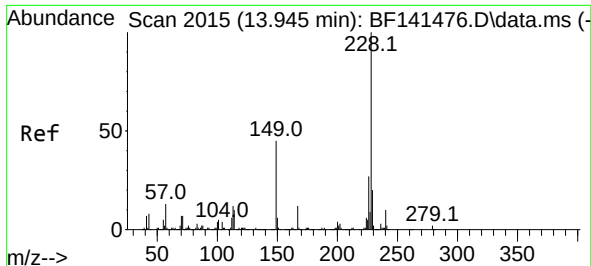
Ion Ratio Lower Upper

149 100

91 169.6 57.8 86.8#

206 95.4 16.7 25.1#

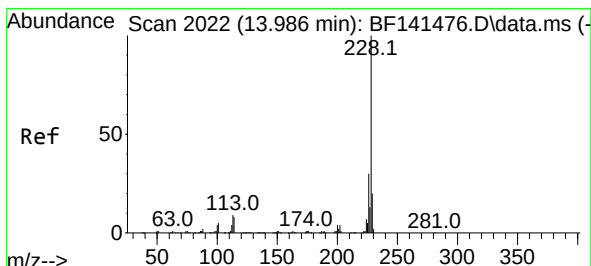
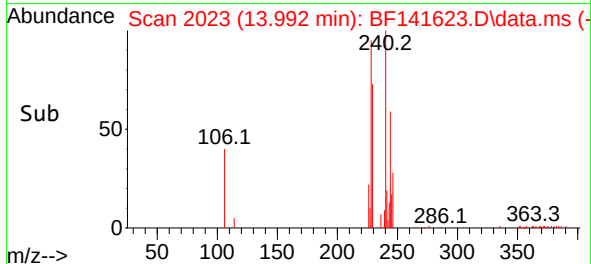
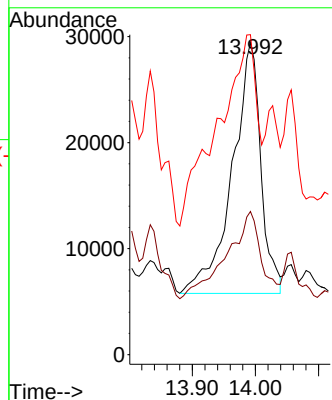
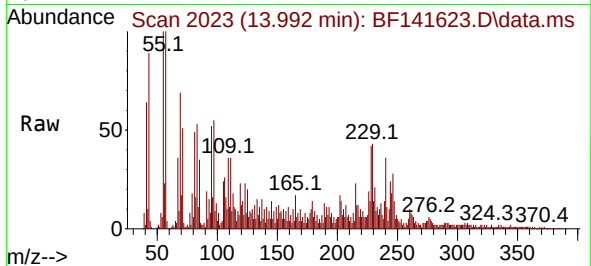




#81
Benzo(a)anthracene
Concen: 6.290 ng
RT: 13.992 min Scan# 2015
Delta R.T. 0.041 min
Lab File: BF141623.D
Acq: 13 Feb 2025 19:01

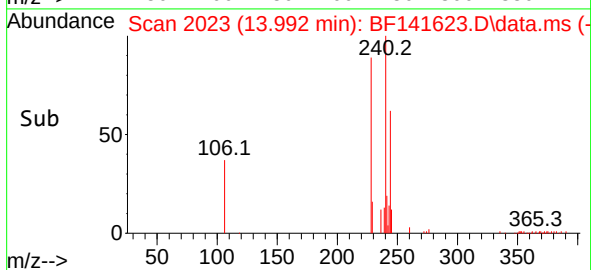
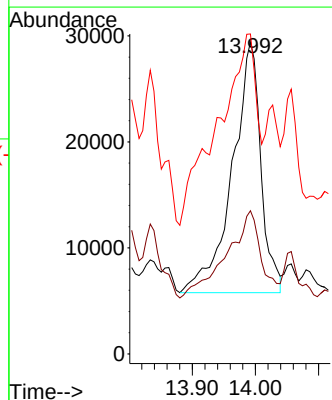
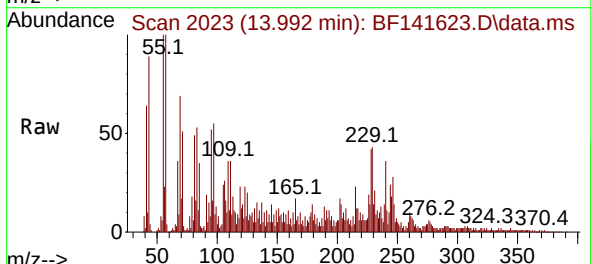
Instrument :
BNA_F
ClientSampleId :
MW1R

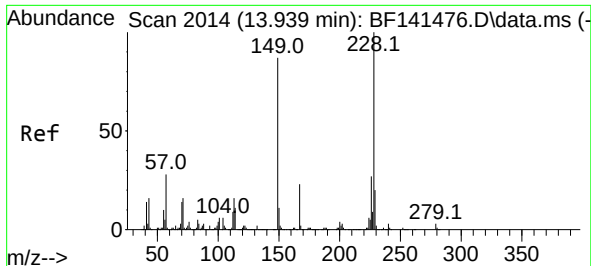
Tgt Ion:228 Resp: 74344
Ion Ratio Lower Upper
228 100
226 45.9 21.8 32.8#
229 102.6 15.8 23.6#



#83
Chrysene
Concen: 6.812 ng
RT: 13.992 min Scan# 2023
Delta R.T. 0.000 min
Lab File: BF141623.D
Acq: 13 Feb 2025 19:01

Tgt Ion:228 Resp: 74344
Ion Ratio Lower Upper
228 100
226 45.9 24.0 36.0#
229 102.6 15.7 23.5#

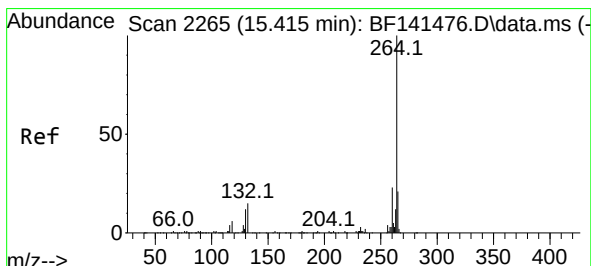
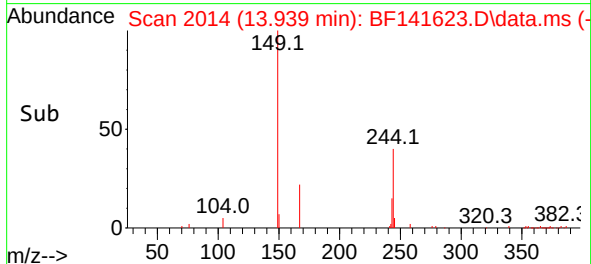
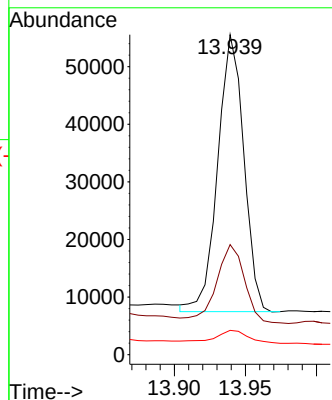
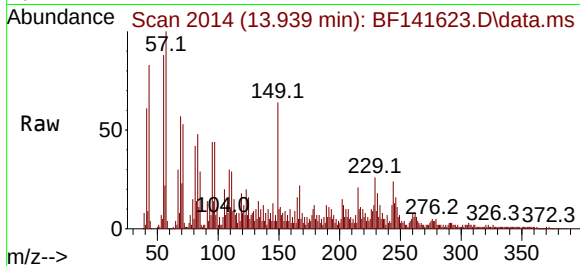




#84
Bis(2-ethylhexyl)phthalate
Concen: 10.373 ng
RT: 13.939 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF141623.D
Acq: 13 Feb 2025 19:01

Instrument :
BNA_F
ClientSampleId :
MW1R

Tgt Ion:149 Resp: 61337
Ion Ratio Lower Upper
149 100
167 34.4 21.4 32.0#
279 7.6 3.1 4.7#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.404 min Scan# 2263
Delta R.T. -0.012 min
Lab File: BF141623.D
Acq: 13 Feb 2025 19:01

Tgt Ion:264 Resp: 197579
Ion Ratio Lower Upper
264 100
260 23.0 18.6 28.0
265 22.3 17.0 25.4

