

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021721\
 Data File : BF123220.D
 Acq On : 17 Feb 2021 19:23
 Operator : JU/CG
 Sample : M1426-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T1090-181468

Quant Time: Feb 18 06:37:47 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 12 16:59:49 2021
 Response via : Initial Calibration

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

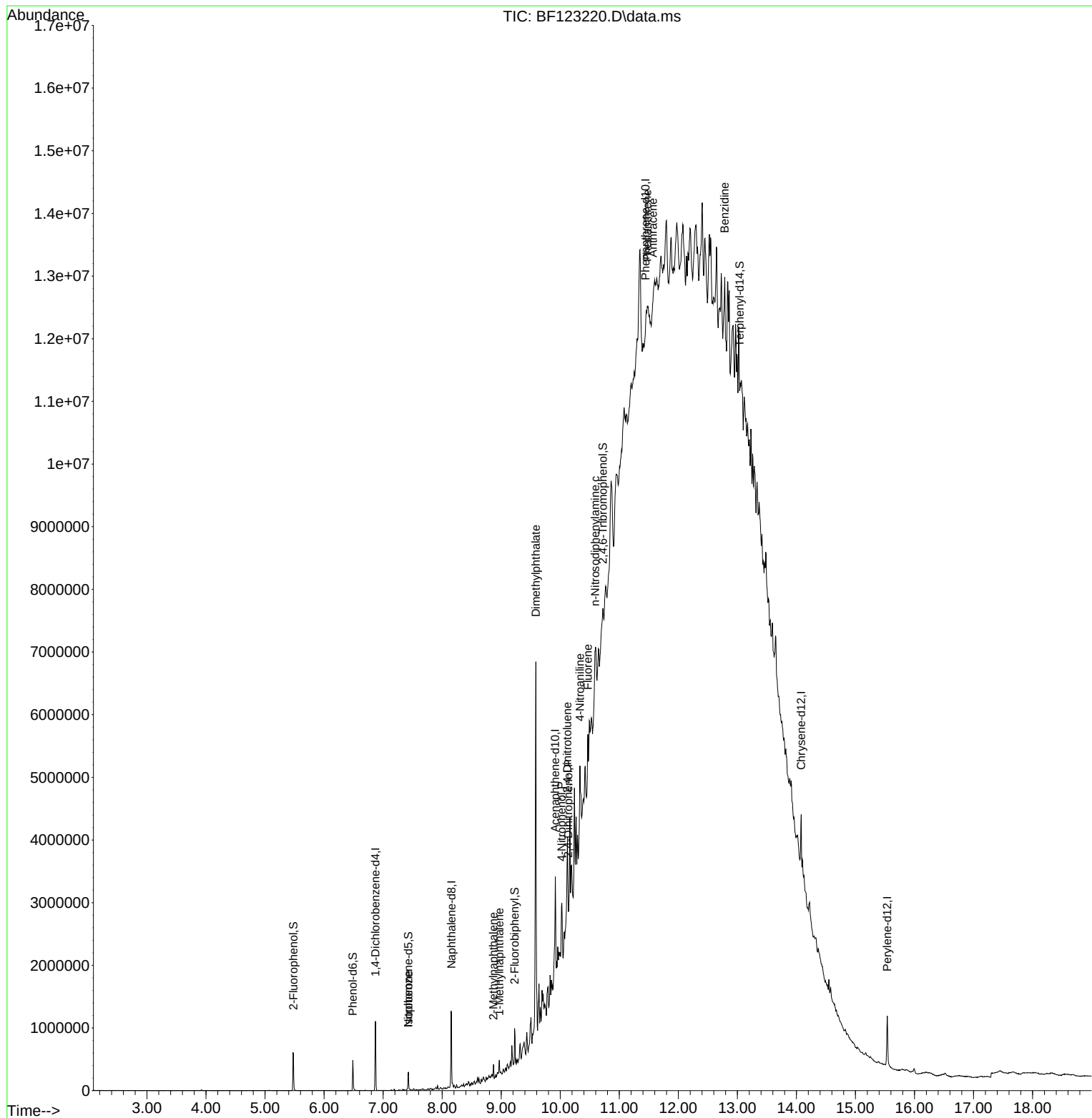
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	147227	20.00	ng	0.00
21) Naphthalene-d8	8.157	136	560657	20.00	ng	0.00
39) Acenaphthene-d10	9.916	164	235968	20.00	ng	0.00
64) Phenanthrene-d10	11.445	188	275636	20.00	ng	# 0.04
76) Chrysene-d12	14.080	240	297225	20.00	ng	# 0.02
86) Perylene-d12	15.539	264	331835	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	177793	18.30	ng	0.00
7) Phenol-d6	6.486	99	153705	11.98	ng	-0.01
23) Nitrobenzene-d5	7.428	82	90835	8.51	ng	0.00
42) 2,4,6-Tribromophenol	10.721	330	24700	9.69	ng	0.02
45) 2-Fluorobiphenyl	9.227	172	169950	10.76	ng	0.00
79) Terphenyl-d14	13.039	244	102623	6.92	ng	0.04
Target Compounds						Qvalue
25) Isophorone	7.428	82	90834	4.58	ng	# 65
37) 2-Methylnaphthalene	8.869	142	57881	2.90	ng	99
38) 1-Methylnaphthalene	8.969	142	58055	3.09	ng	98
50) Dimethylphthalate	9.586	163	257423	15.05	ng	# 94
54) 2,4-Dinitrophenol	10.133	184	5113	2.34	ng	# 1
56) 4-Nitrophenol	10.022	139	22408	5.58	ng	# 12
57) 2,4-Dinitrotoluene	10.121	165	22363	4.03	ng	# 59
58) Fluorene	10.469	166	54958	3.28	ng	# 68
62) 4-Nitroaniline	10.333	138	15245	3.09	ng	89
66) n-Nitrosodiphenylamine	10.592	169	356407	38.26	ng	# 42
71) Phenanthrene	11.474	178	473831	29.18	ng	# 61
72) Anthracene	11.568	178	82426	5.08	ng	# 1
77) Benzidine	12.786	184	24413	2.32	ng	# 1

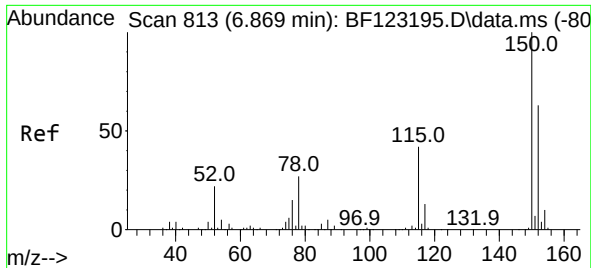
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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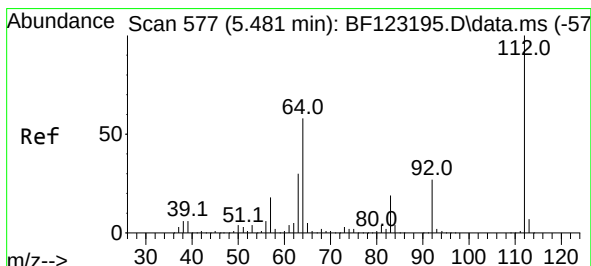
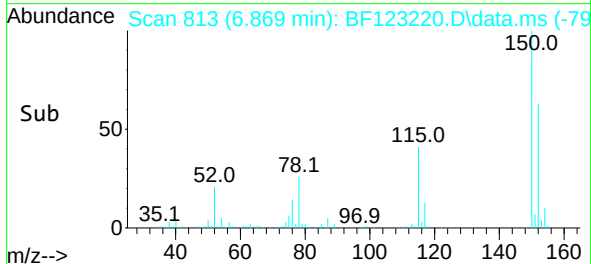
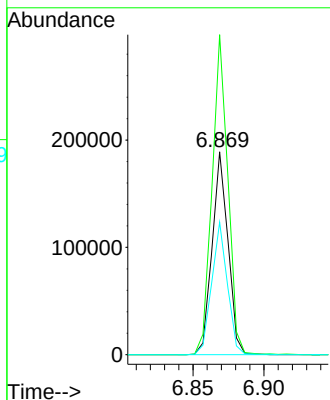
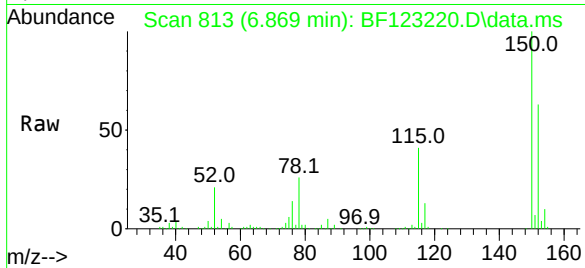




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF123220.D
Acq: 17 Feb 2021 19:23

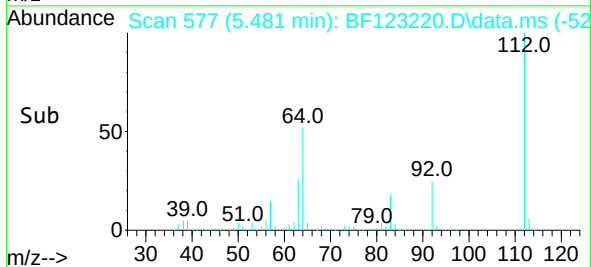
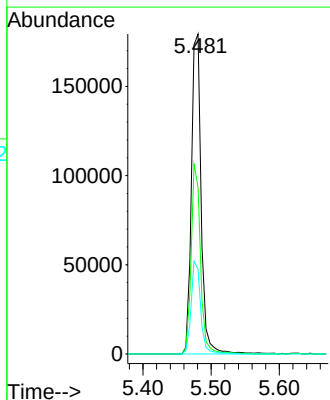
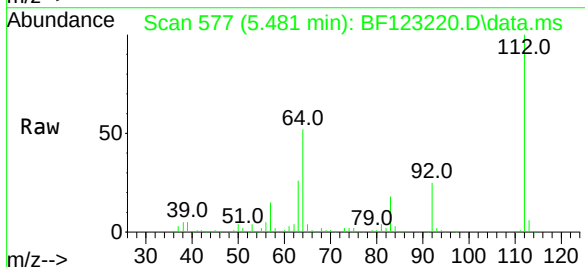
Instrument :
BNA_F
ClientSampleId :
T1090-181468

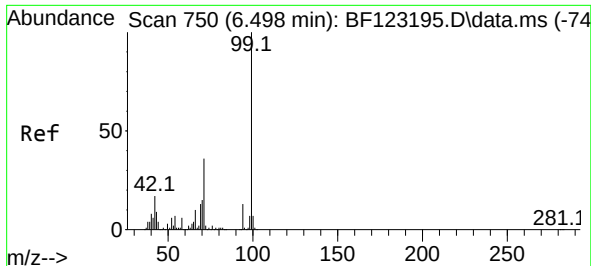
Tgt Ion:152 Resp: 147227
Ion Ratio Lower Upper
152 100
150 157.8 125.8 188.6
115 65.3 49.3 73.9



#5
2-Fluorophenol
Concen: 18.30 ng
RT: 5.481 min Scan# 577
Delta R.T. -0.000 min
Lab File: BF123220.D
Acq: 17 Feb 2021 19:23

Tgt Ion:112 Resp: 177793
Ion Ratio Lower Upper
112 100
64 52.2 46.9 70.3
63 26.5 24.5 36.7

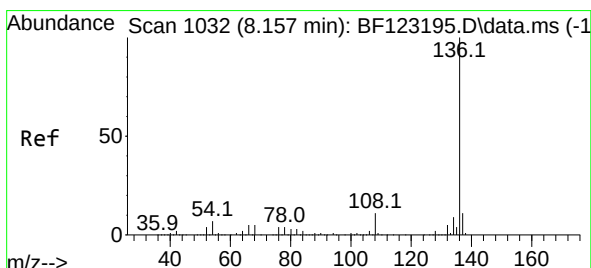
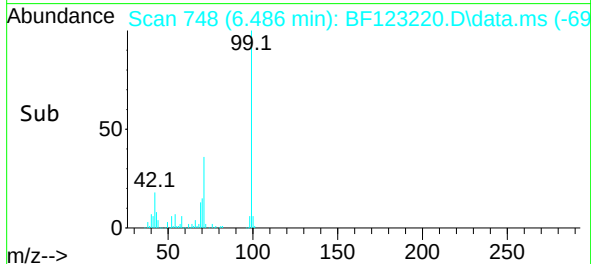
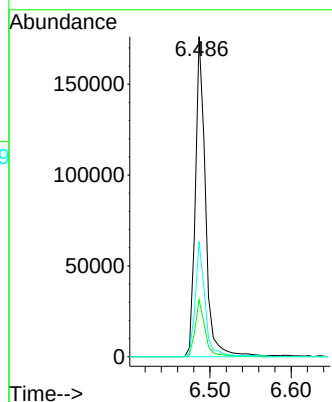
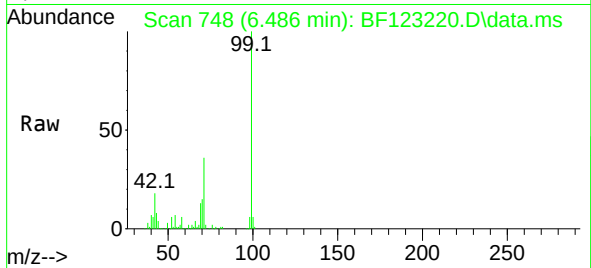




#7
Phenol-d6
Concen: 11.98 ng
RT: 6.486 min Scan# 748
Delta R.T. -0.012 min
Lab File: BF123220.D
Acq: 17 Feb 2021 19:23

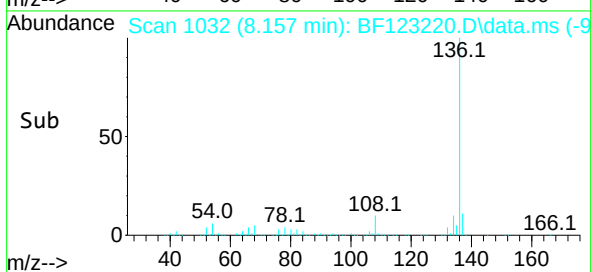
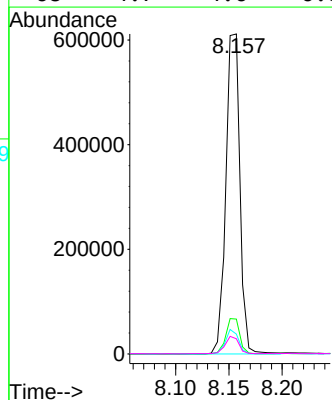
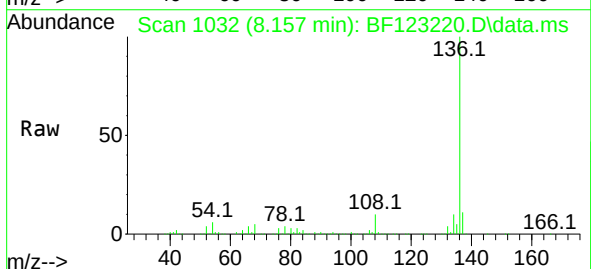
Instrument :
BNA_F
ClientSampleId :
T1090-181468

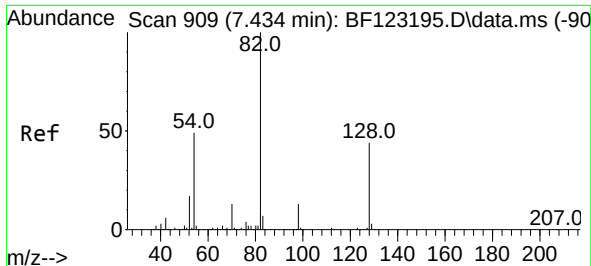
Tgt Ion: 99 Resp: 153705
Ion Ratio Lower Upper
99 100
42 17.8 13.8 20.6
71 36.0 26.9 40.3



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF123220.D
Acq: 17 Feb 2021 19:23

Tgt Ion: 136 Resp: 560657
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 6.2 5.5 8.3
68 4.7 4.6 6.8





#23

Nitrobenzene-d5

Concen: 8.51 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.006 min

Lab File: BF123220.D

Acq: 17 Feb 2021 19:23

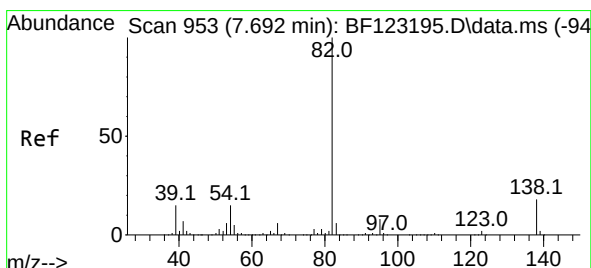
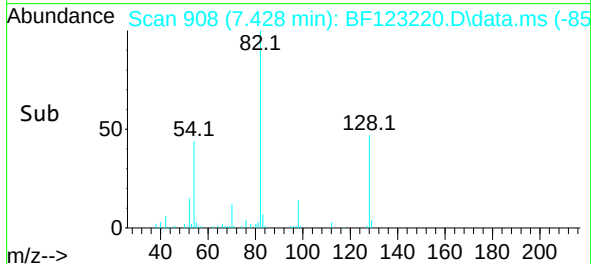
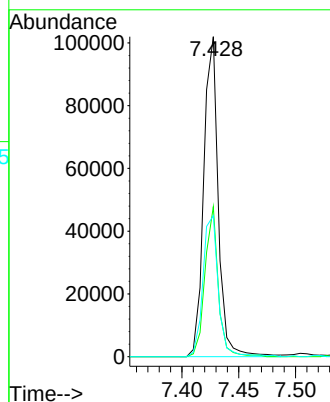
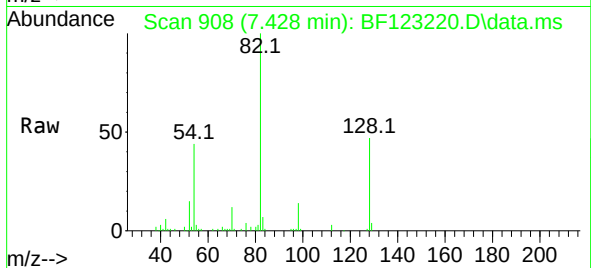
Instrument :

BNA_F

ClientSampleId :

T1090-181468

Tgt Ion:	82	Resp:	90835
Ion	Ratio	Lower	Upper
82	100		
128	46.8	37.0	55.4
54	44.1	38.4	57.6



#25

Isophorone

Concen: 4.58 ng

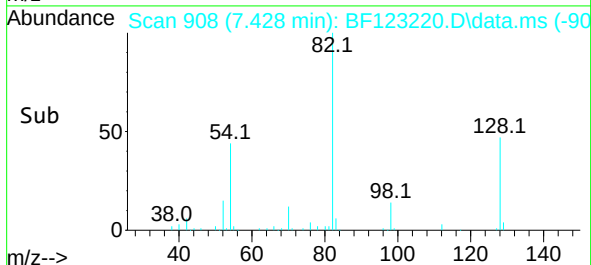
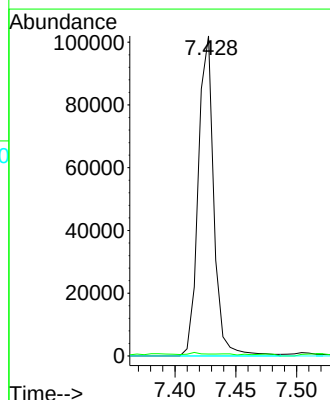
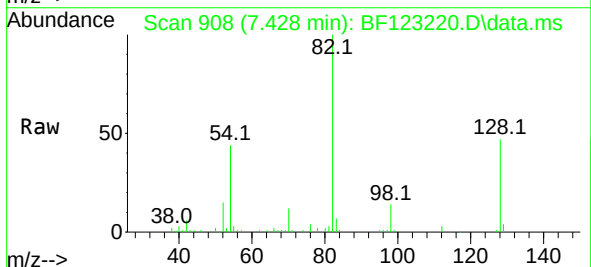
RT: 7.428 min Scan# 908

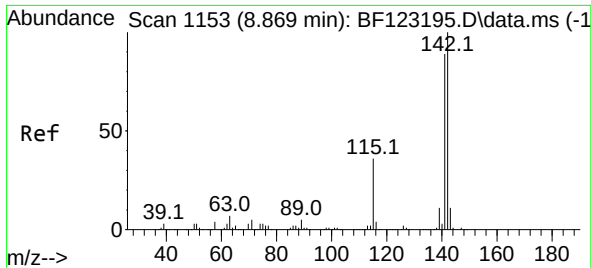
Delta R.T. -0.265 min

Lab File: BF123220.D

Acq: 17 Feb 2021 19:23

Tgt Ion:	82	Resp:	90834
Ion	Ratio	Lower	Upper
82	100		
95	0.6	5.8	8.6#
138	0.0	14.6	21.8#

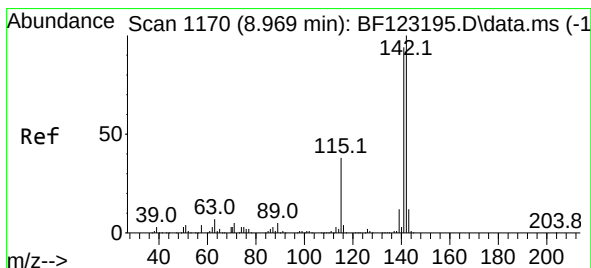
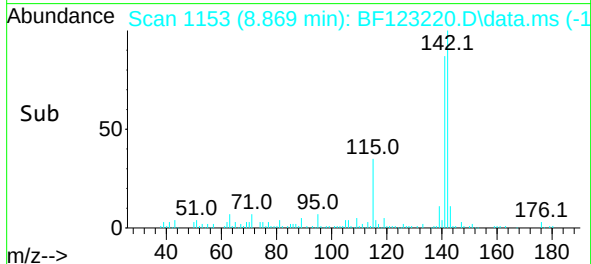
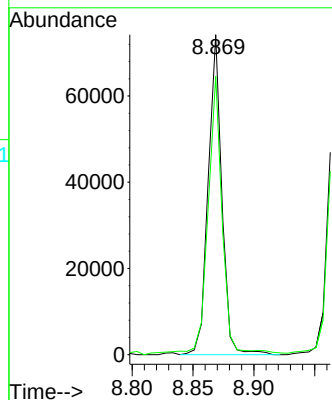
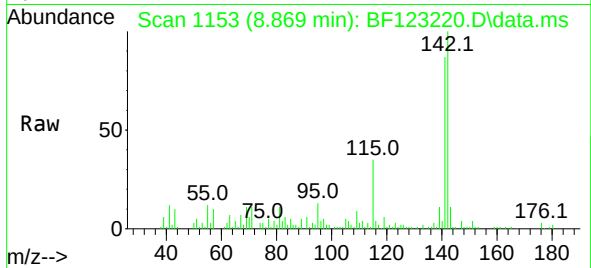




#37
2-Methylnaphthalene
Concen: 2.90 ng
RT: 8.869 min Scan# 1153
Delta R.T. -0.000 min
Lab File: BF123220.D
Acq: 17 Feb 2021 19:23

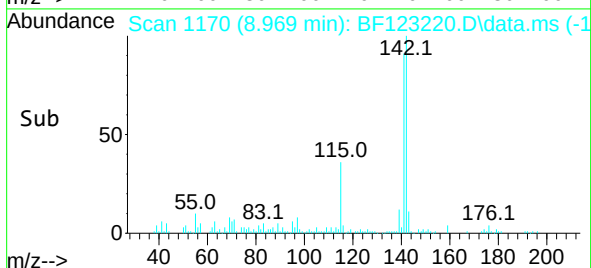
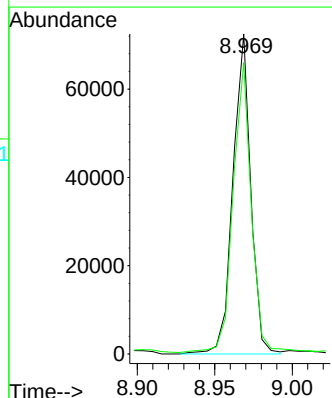
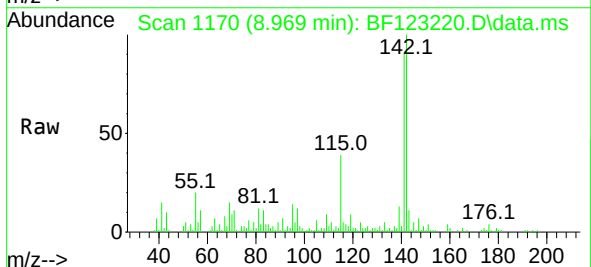
Instrument :
BNA_F
ClientSampleId :
T1090-181468

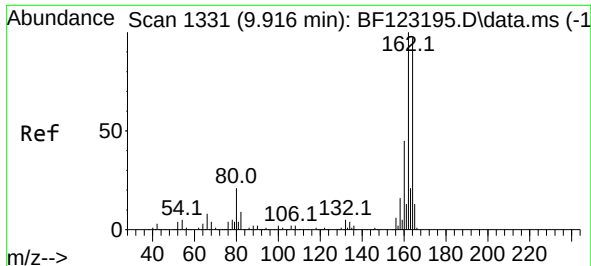
Tgt Ion:142 Resp: 57881
Ion Ratio Lower Upper
142 100
141 87.0 70.6 106.0



#38
1-Methylnaphthalene
Concen: 3.09 ng
RT: 8.969 min Scan# 1170
Delta R.T. -0.000 min
Lab File: BF123220.D
Acq: 17 Feb 2021 19:23

Tgt Ion:142 Resp: 58055
Ion Ratio Lower Upper
142 100
141 91.1 74.5 111.7

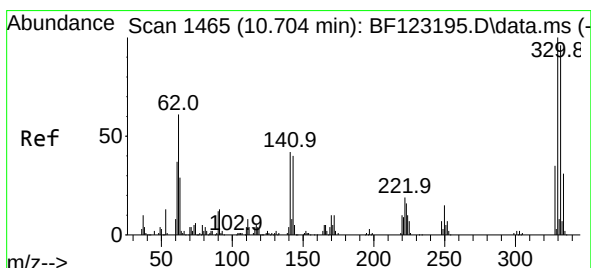
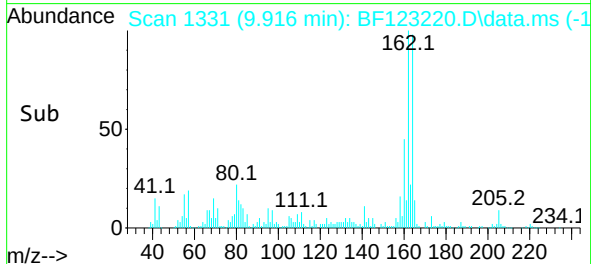
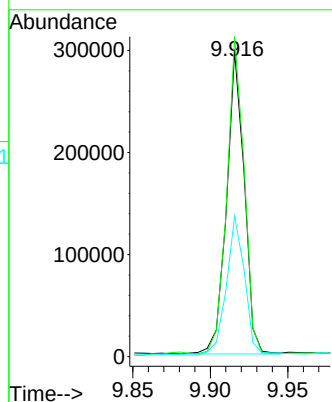
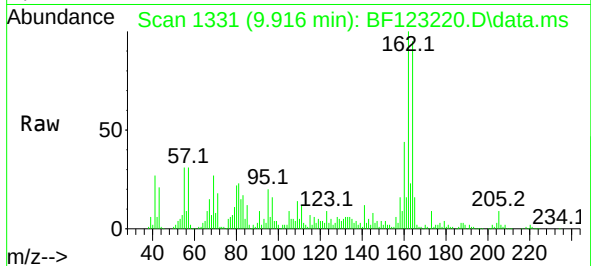




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.000 min
Lab File: BF123220.D
Acq: 17 Feb 2021 19:23

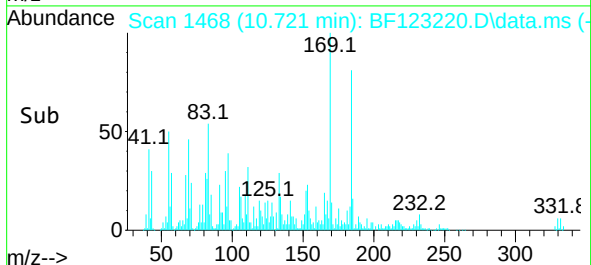
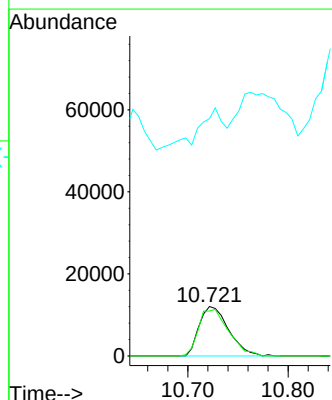
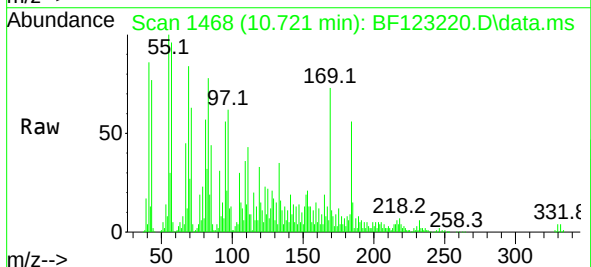
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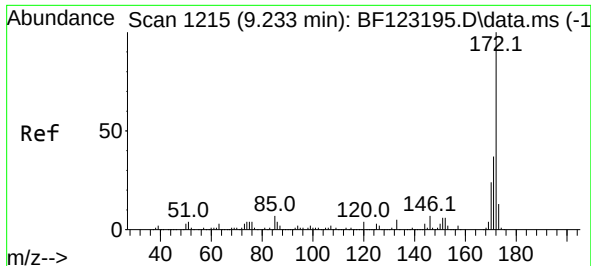
Tgt Ion:164 Resp: 235968
Ion Ratio Lower Upper
164 100
162 104.8 80.8 121.2
160 46.0 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 9.69 ng
RT: 10.721 min Scan# 1468
Delta R.T. 0.018 min
Lab File: BF123220.D
Acq: 17 Feb 2021 19:23

Tgt Ion:330 Resp: 24700
Ion Ratio Lower Upper
330 100
332 96.3 77.5 116.3
141 50.3 23.8 35.8#

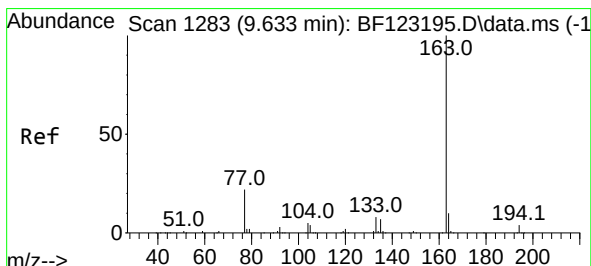
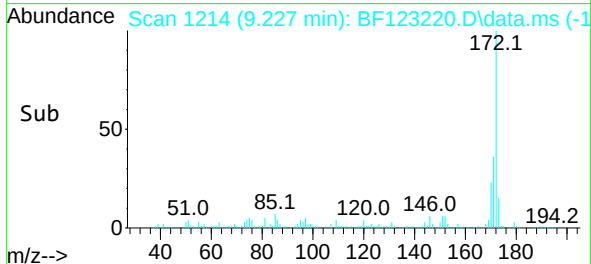
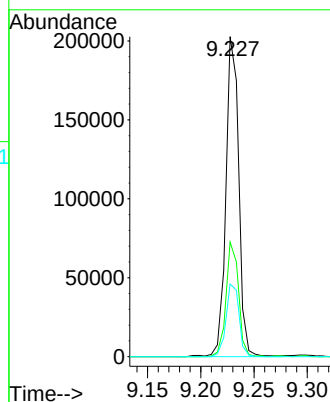
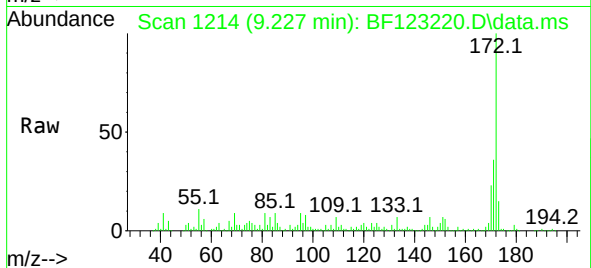




#45
2-Fluorobiphenyl
Concen: 10.76 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF123220.D
Acq: 17 Feb 2021 19:23

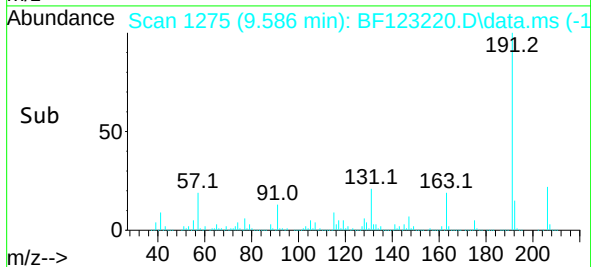
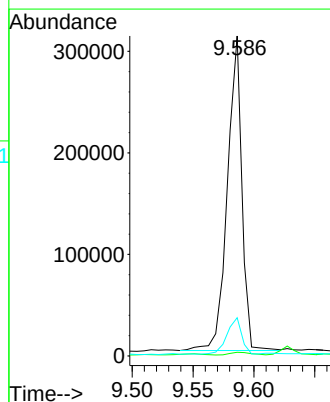
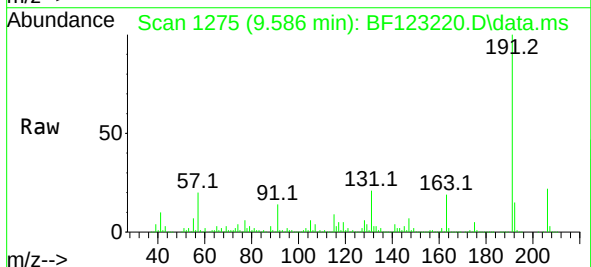
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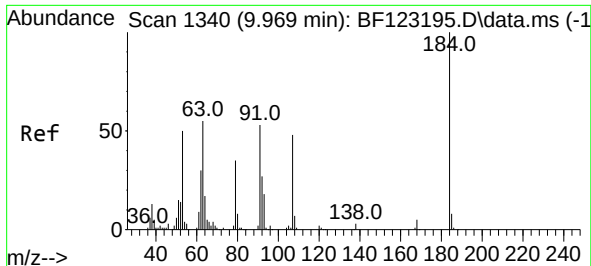
Tgt Ion:172 Resp: 169950
Ion Ratio Lower Upper
172 100
171 35.8 29.6 44.4
170 22.7 19.5 29.3



#50
Dimethylphthalate
Concen: 15.05 ng
RT: 9.586 min Scan# 1275
Delta R.T. -0.047 min
Lab File: BF123220.D
Acq: 17 Feb 2021 19:23

Tgt Ion:163 Resp: 257423
Ion Ratio Lower Upper
163 100
194 1.2 3.4 5.0#
164 11.9 8.1 12.1

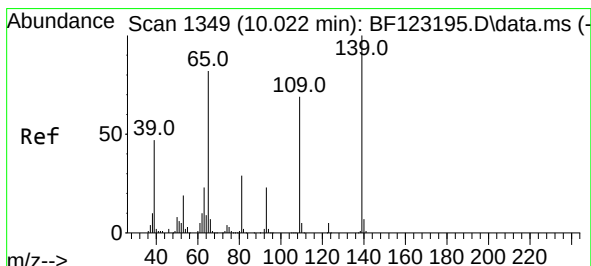
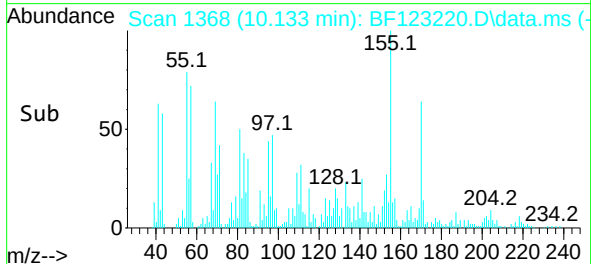
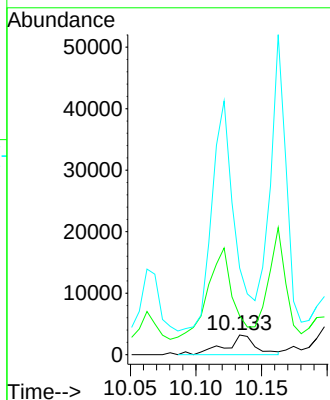
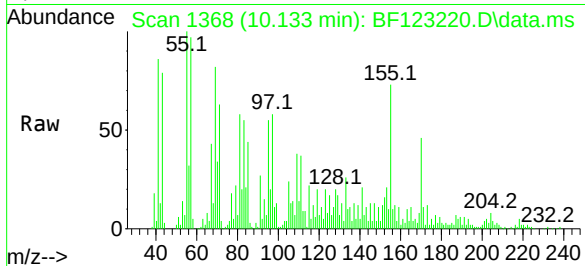




#54
2,4-Dinitrophenol
Concen: 2.34 ng
RT: 10.133 min Scan# 1368
Delta R.T. 0.164 min
Lab File: BF123220.D
Acq: 17 Feb 2021 19:23

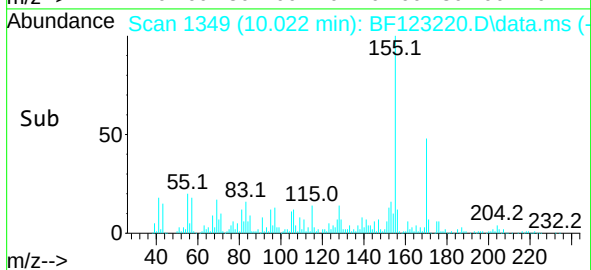
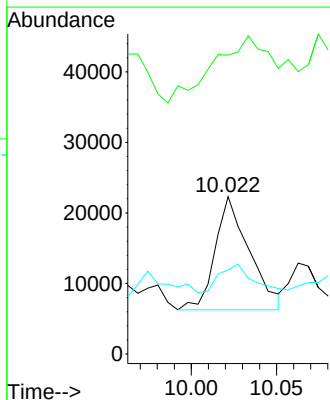
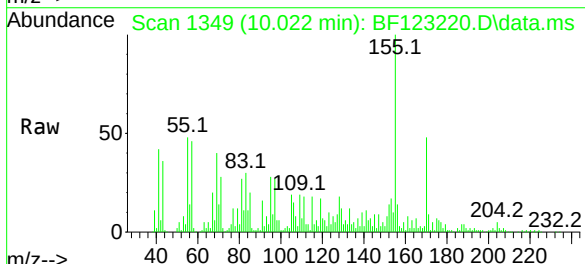
Instrument :
BNA_F
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T1090-181468

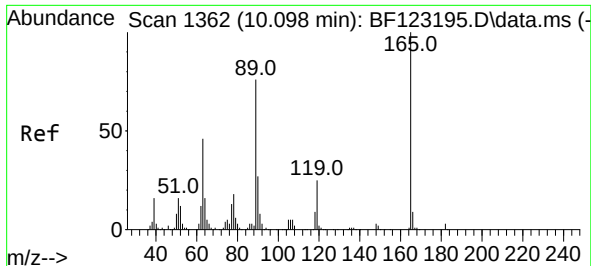
Tgt Ion:184 Resp: 5113
Ion Ratio Lower Upper
184 100
63 197.1 51.4 77.2#
154 440.2 49.7 74.5#



#56
4-Nitrophenol
Concen: 5.58 ng
RT: 10.022 min Scan# 1349
Delta R.T. -0.000 min
Lab File: BF123220.D
Acq: 17 Feb 2021 19:23

Tgt Ion:139 Resp: 22408
Ion Ratio Lower Upper
139 100
109 190.1 45.1 85.1#
65 53.4 59.2 99.2#



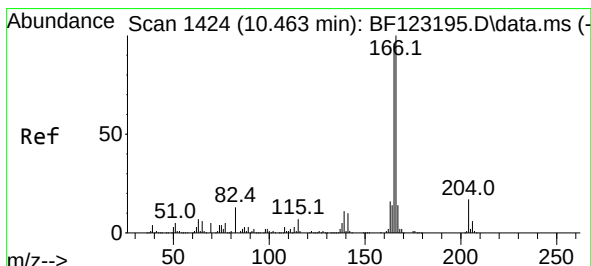
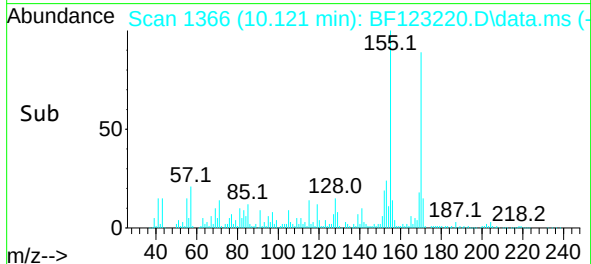
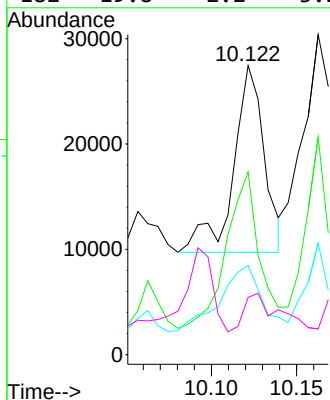
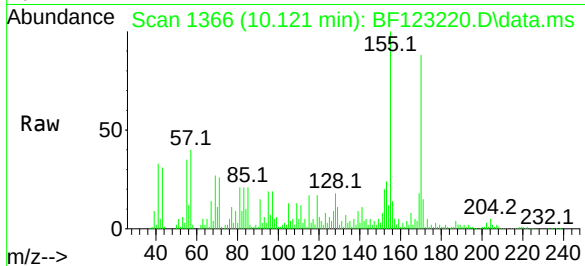


#57
2,4-Dinitrotoluene
Concen: 4.03 ng
RT: 10.121 min Scan# 1366
Delta R.T. 0.023 min
Lab File: BF123220.D
Acq: 17 Feb 2021 19:23

Instrument :
BNA_F
ClientSampleId :
T1090-181468

Tgt Ion:165 Resp: 22363

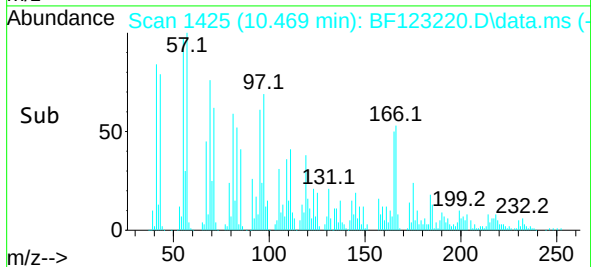
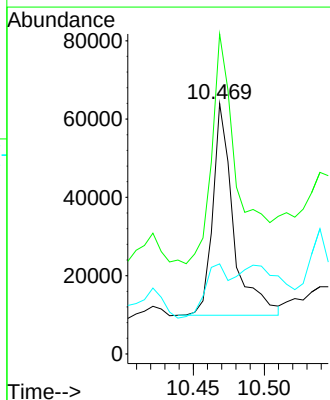
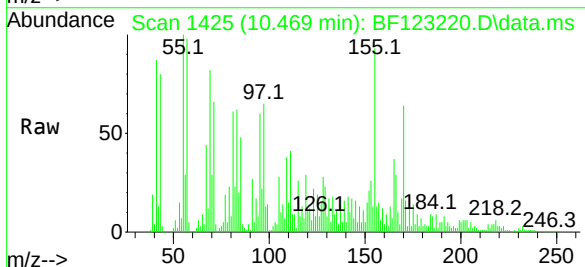
Ion	Ratio	Lower	Upper
165	100		
63	63.2	34.3	51.5#
89	30.8	55.2	82.8#
182	19.8	2.2	3.2#

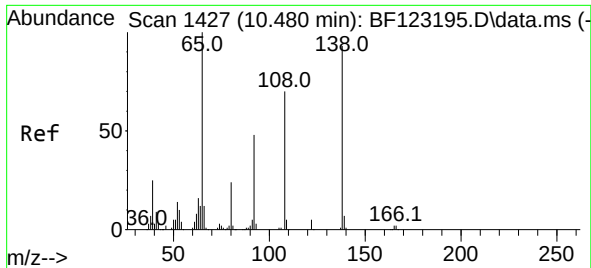


#58
Fluorene
Concen: 3.28 ng
RT: 10.469 min Scan# 1425
Delta R.T. 0.006 min
Lab File: BF123220.D
Acq: 17 Feb 2021 19:23

Tgt Ion:166 Resp: 54958

Ion	Ratio	Lower	Upper
166	100		
165	127.8	79.4	119.0#
167	35.9	10.9	16.3#

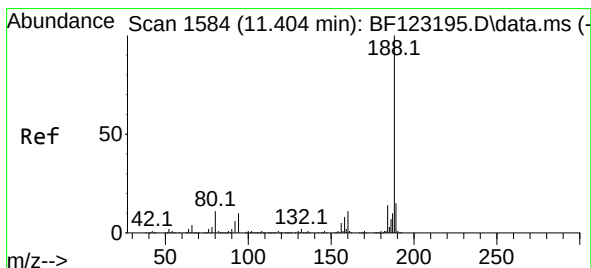
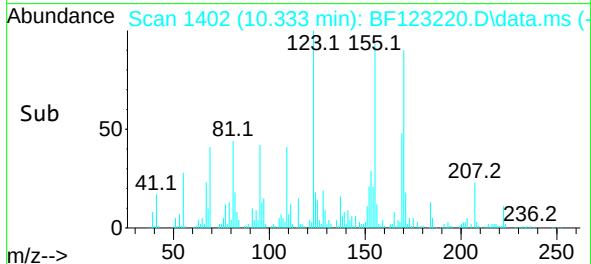
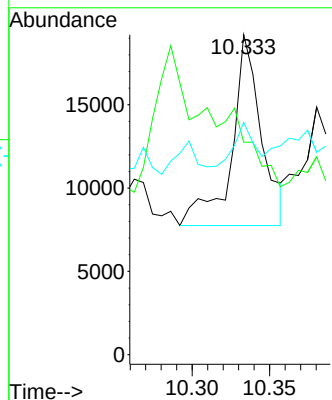
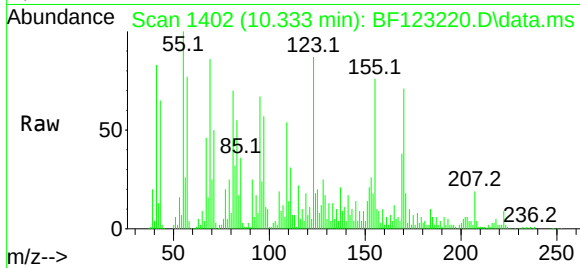




#62
4-Nitroaniline
Concen: 3.09 ng
RT: 10.333 min Scan# 1402
Delta R.T. -0.147 min
Lab File: BF123220.D
Acq: 17 Feb 2021 19:23

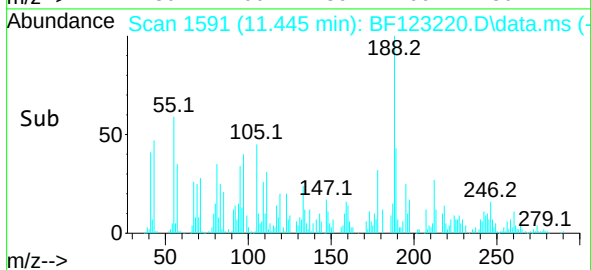
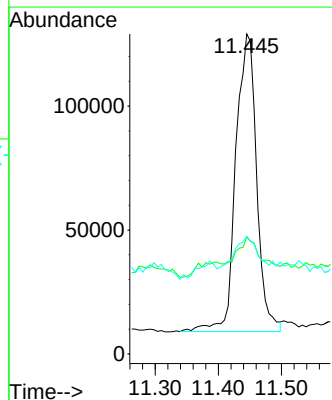
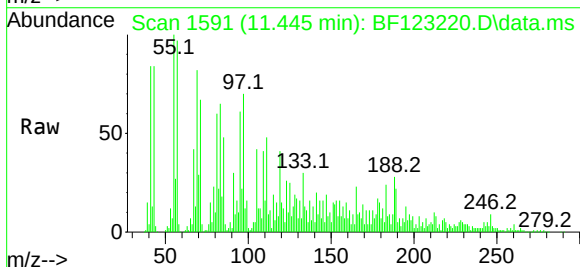
Instrument :
BNA_F
ClientSampleId :
T1090-181468

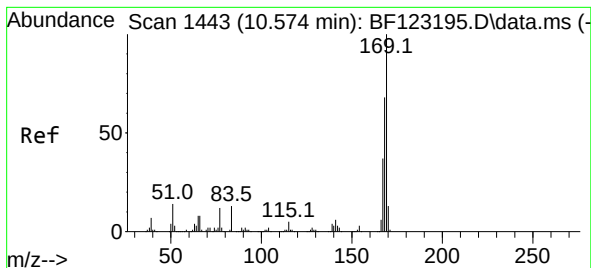
Tgt Ion:138 Resp: 15245
Ion Ratio Lower Upper
138 100
92 66.4 31.0 71.0
108 72.6 54.8 94.8



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.445 min Scan# 1591
Delta R.T. 0.041 min
Lab File: BF123220.D
Acq: 17 Feb 2021 19:23

Tgt Ion:188 Resp: 275636
Ion Ratio Lower Upper
188 100
94 36.6 7.4 11.2#
80 36.7 8.2 12.4#

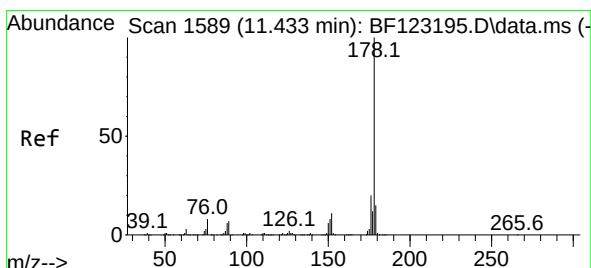
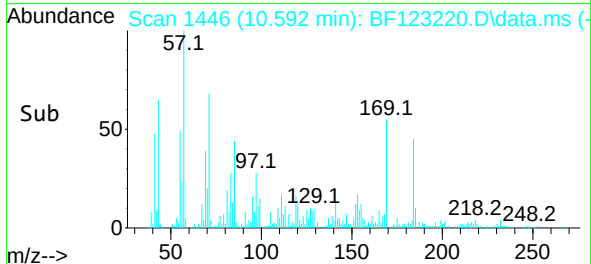
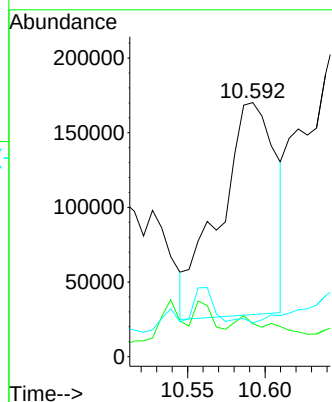
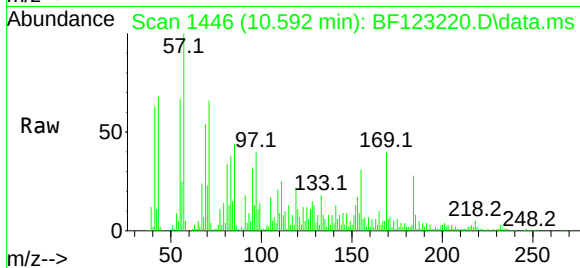




#66
n-Nitrosodiphenylamine
Concen: 38.26 ng
RT: 10.592 min Scan# 1446
Delta R.T. 0.018 min
Lab File: BF123220.D
Acq: 17 Feb 2021 19:23

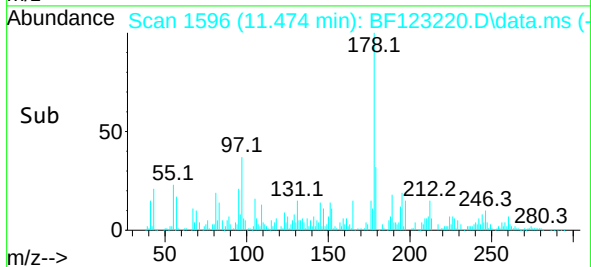
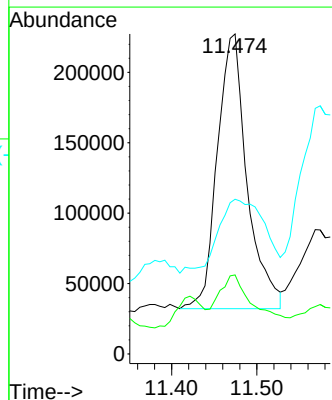
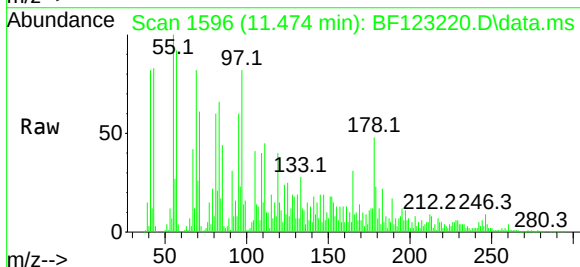
Instrument :
BNA_F
ClientSampleId :
T1090-181468

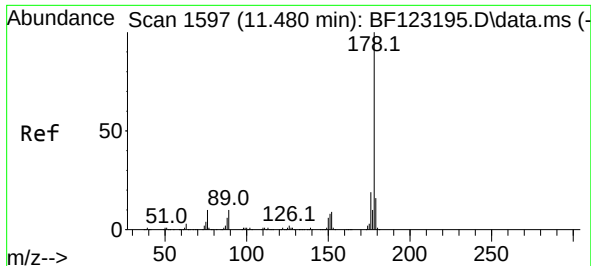
Tgt Ion:169 Resp: 356407
Ion Ratio Lower Upper
169 100
168 13.0 54.2 81.2#
167 13.4 29.2 43.8#



#71
Phenanthrene
Concen: 29.18 ng
RT: 11.474 min Scan# 1596
Delta R.T. 0.041 min
Lab File: BF123220.D
Acq: 17 Feb 2021 19:23

Tgt Ion:178 Resp: 473831
Ion Ratio Lower Upper
178 100
176 24.7 16.2 24.2#
179 48.4 12.7 19.1#

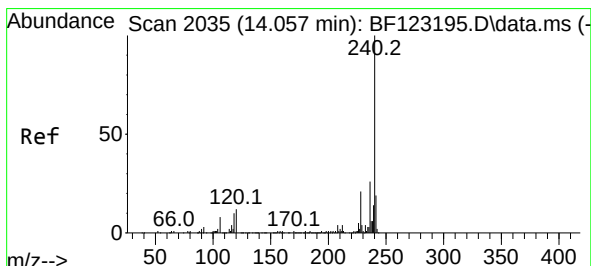
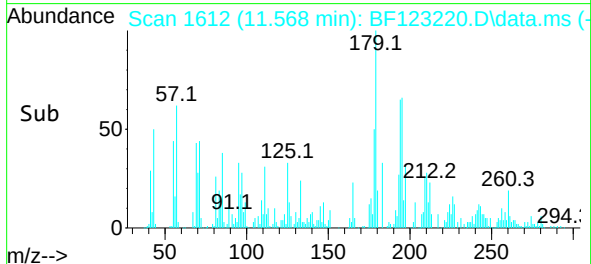
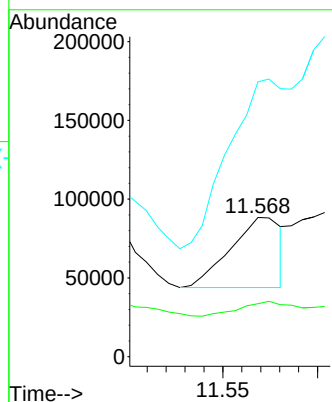
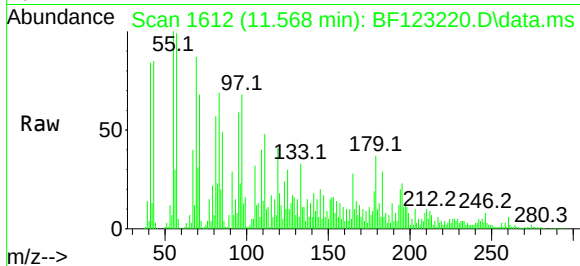




#72
 Anthracene
 Concen: 5.08 ng
 RT: 11.568 min Scan# 1612
 Delta R.T. 0.088 min
 Lab File: BF123220.D
 Acq: 17 Feb 2021 19:23

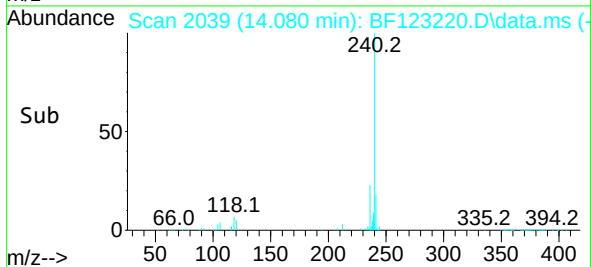
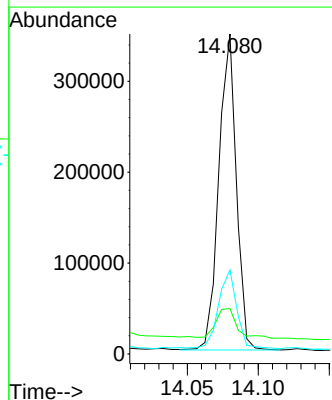
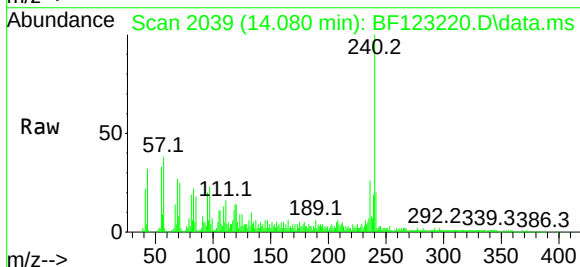
Instrument :
 BNA_F
 ClientSampleId :
 T1090-181468

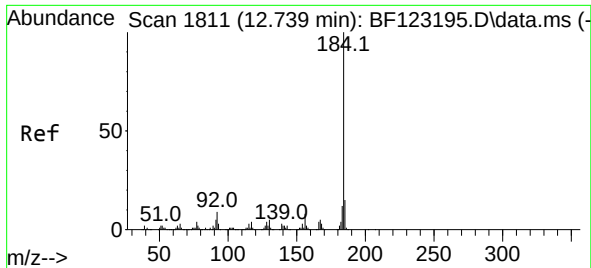
Tgt Ion:178 Resp: 82426
 Ion Ratio Lower Upper
 178 100
 176 38.0 15.6 23.4#
 179 197.6 12.8 19.2#



#76
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.080 min Scan# 2039
 Delta R.T. 0.023 min
 Lab File: BF123220.D
 Acq: 17 Feb 2021 19:23

Tgt Ion:240 Resp: 297225
 Ion Ratio Lower Upper
 240 100
 120 14.2 8.6 12.8#
 236 26.3 20.3 30.5

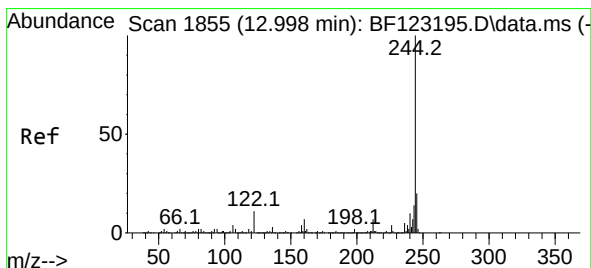
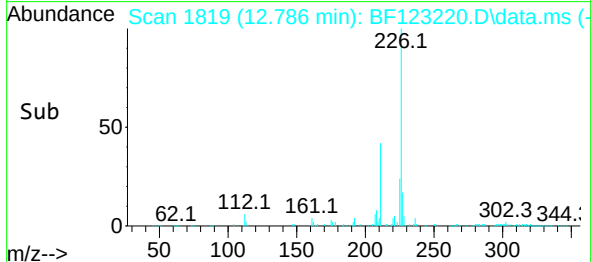
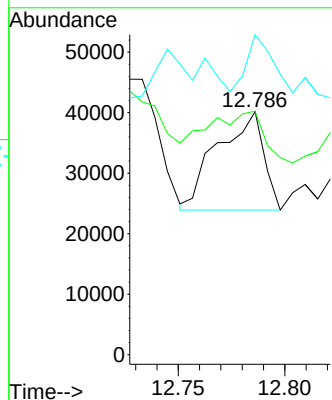
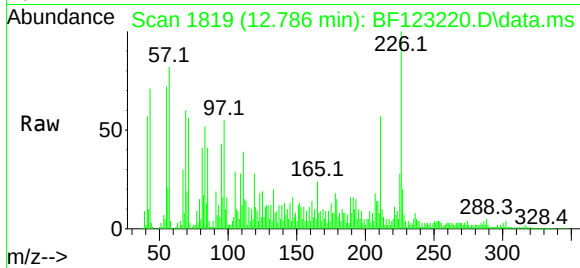




#77
Benzidine
Concen: 2.32 ng
RT: 12.786 min Scan# 1819
Delta R.T. 0.047 min
Lab File: BF123220.D
Acq: 17 Feb 2021 19:23

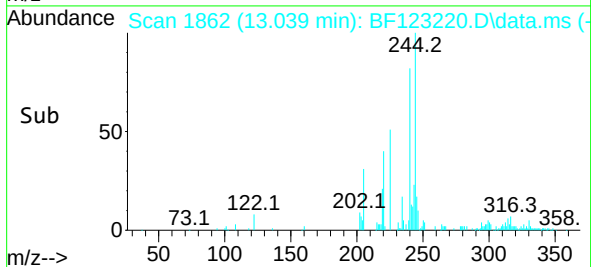
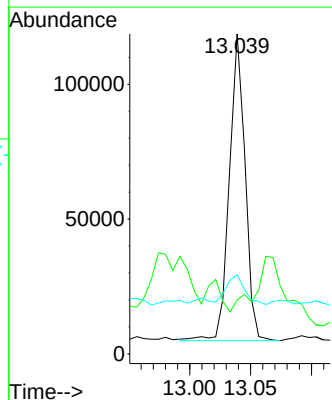
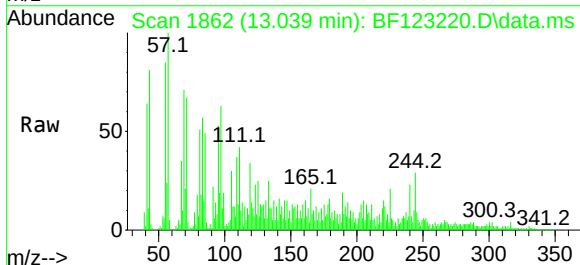
Instrument :
BNA_F
ClientSampleId :
T1090-181468

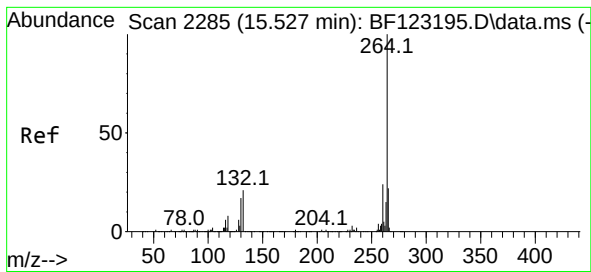
Tgt Ion:184 Resp: 24413
Ion Ratio Lower Upper
184 100
185 100.2 11.8 17.6#
183 131.7 9.7 14.5#



#79
Terphenyl-d14
Concen: 6.92 ng
RT: 13.039 min Scan# 1862
Delta R.T. 0.041 min
Lab File: BF123220.D
Acq: 17 Feb 2021 19:23

Tgt Ion:244 Resp: 102623
Ion Ratio Lower Upper
244 100
212 16.9 5.7 8.5#
122 24.7 8.3 12.5#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.539 min Scan# 2287
 Delta R.T. 0.012 min
 Lab File: BF123220.D
 Acq: 17 Feb 2021 19:23

Instrument :
 BNA_F
 ClientSampleId :
 T1090-181468

Tgt Ion:264 Resp: 331835
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.6 28.0
 265 21.9 17.0 25.6

