

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032621\
 Data File : BF123490.D
 Acq On : 26 Mar 2021 17:16
 Operator : JU/CG
 Sample : M1770-15
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-101S

Quant Time: Mar 26 22:57:58 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 26 12:51:59 2021
 Response via : Initial Calibration

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

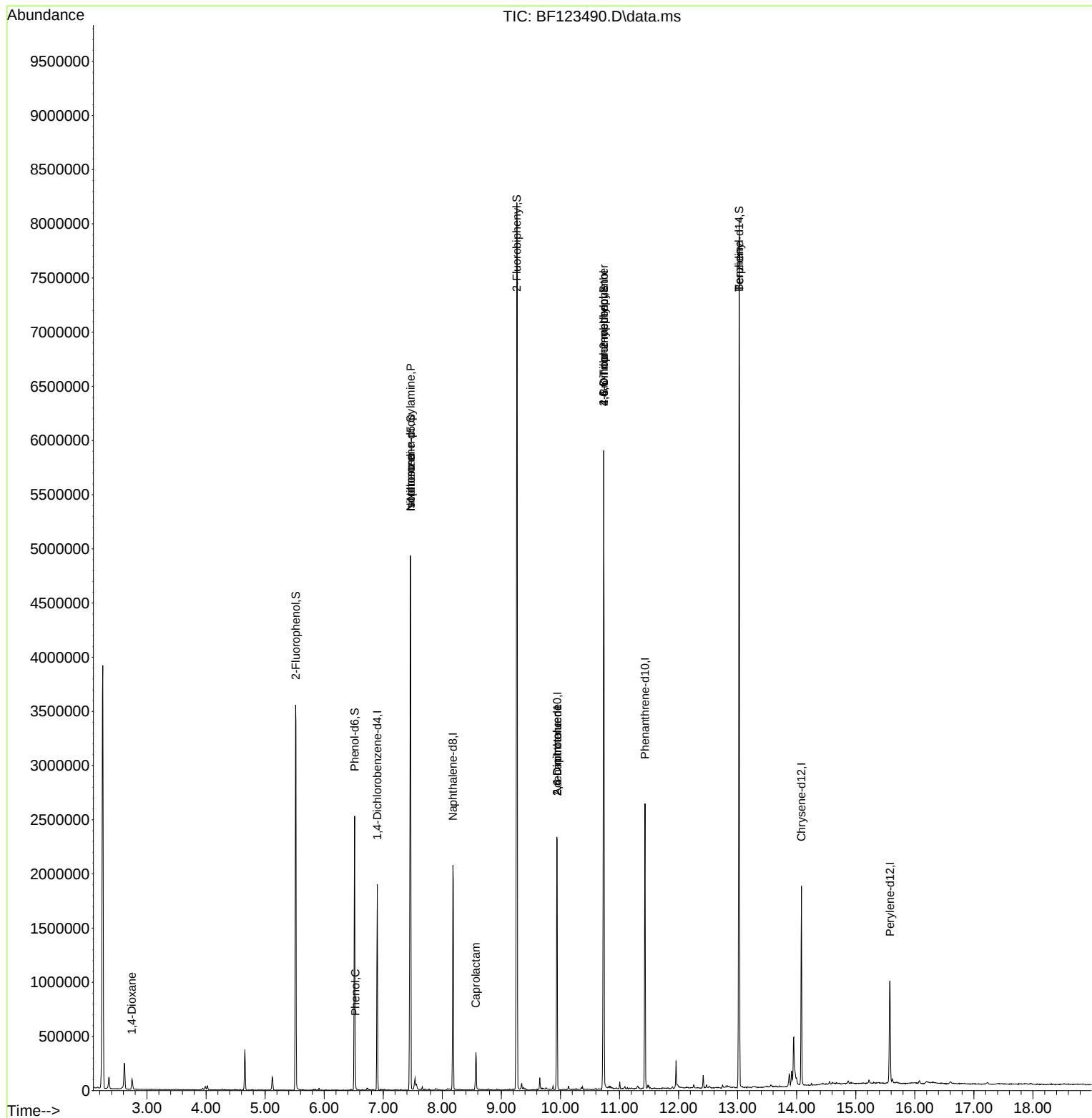
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	254308	20.00	ng	0.00
21) Naphthalene-d8	8.181	136	949119	20.00	ng	# 0.00
39) Acenaphthene-d10	9.945	164	526949	20.00	ng	0.00
64) Phenanthrene-d10	11.433	188	911478	20.00	ng	0.00
76) Chrysene-d12	14.080	240	599475	20.00	ng	0.00
86) Perylene-d12	15.580	264	467654	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	921400	59.27	ng	0.00
7) Phenol-d6	6.516	99	713015	34.46	ng	-0.01
23) Nitrobenzene-d5	7.463	82	1708505	97.15	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	815230	138.38	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	3028085	82.09	ng	0.00
79) Terphenyl-d14	13.027	244	2957360	83.61	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.746	88	41045	5.49	ng	# 71
9) Benzaldehyde	6.445	77	110	Below Cal		# 29
10) Phenol	6.528	94	46345	2.18	ng	95
19) n-Nitroso-di-n-propyla...	7.463	70	236988	17.71	ng	# 80
25) Isophorone	7.463	82	1704524	45.08	ng	# 65
35) Caprolactam	8.569	113	32351	7.09	ng	# 32
51) 2,6-Dinitrotoluene	9.945	165	67835	8.68	ng	# 31
57) 2,4-Dinitrotoluene	9.945	165	67835	6.95	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.733	198	1571	5.41	ng	# 1
67) 4-Bromophenyl-phenylether	10.733	248	47414	4.39	ng	# 1
77) Benzidine	13.027	184	38502	2.16	ng	# 95

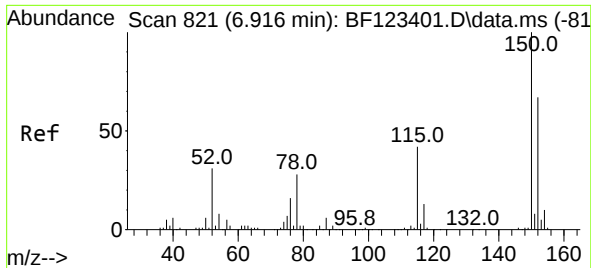
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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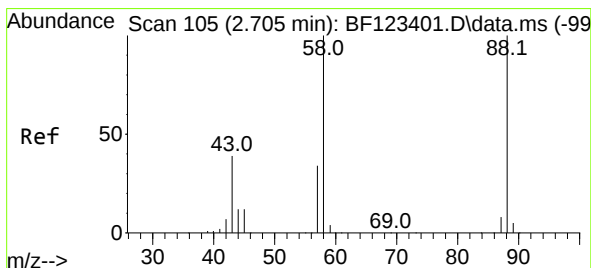
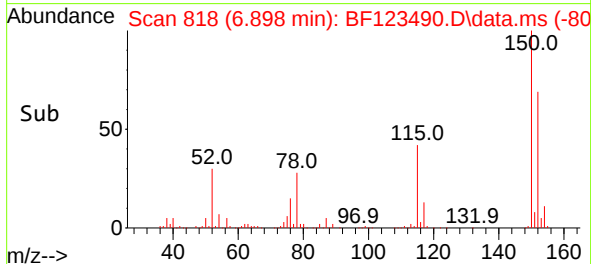
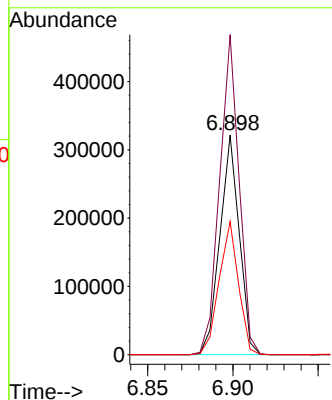
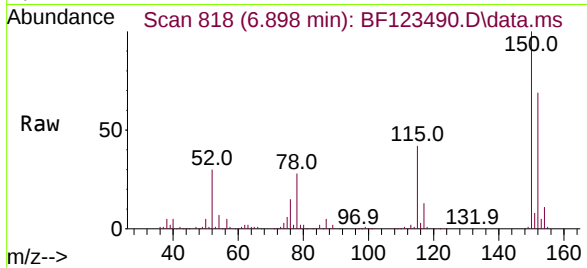




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.898 min Scan# 818
 Delta R.T. 0.000 min
 Lab File: BF123490.D
 Acq: 26 Mar 2021 17:16

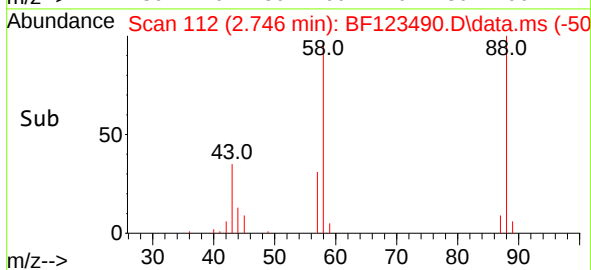
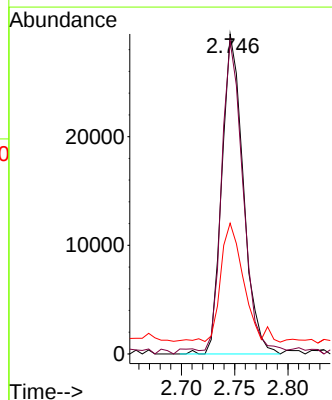
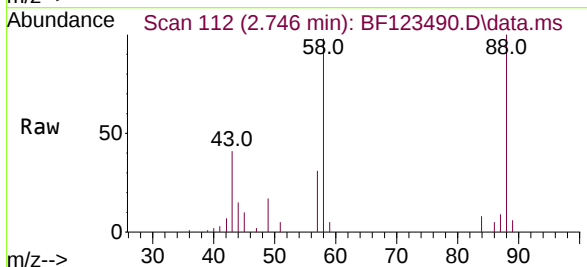
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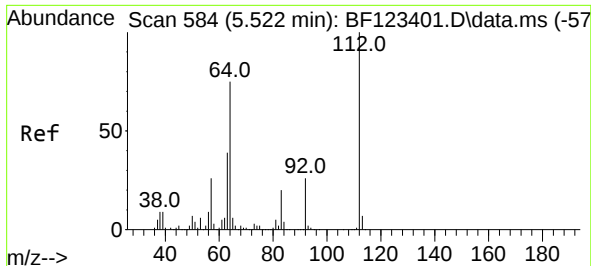
Tgt Ion:152 Resp: 254308
 Ion Ratio Lower Upper
 152 100
 150 145.7 125.8 188.6
 115 60.6 49.3 73.9



#2
 1,4-Dioxane
 Concen: 5.49 ng
 RT: 2.746 min Scan# 112
 Delta R.T. 0.065 min
 Lab File: BF123490.D
 Acq: 26 Mar 2021 17:16

Tgt Ion: 88 Resp: 41045
 Ion Ratio Lower Upper
 88 100
 58 95.2 56.2 84.2#
 43 40.7 21.8 32.6#

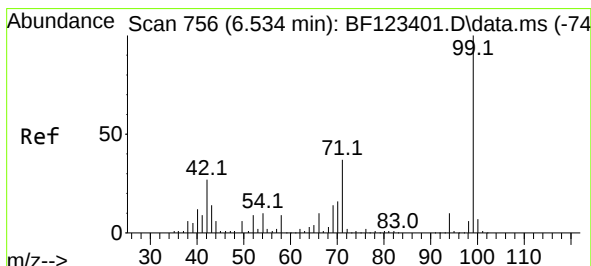
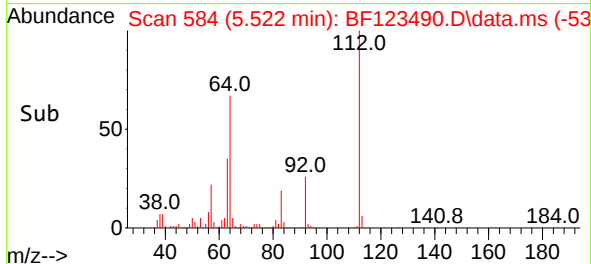
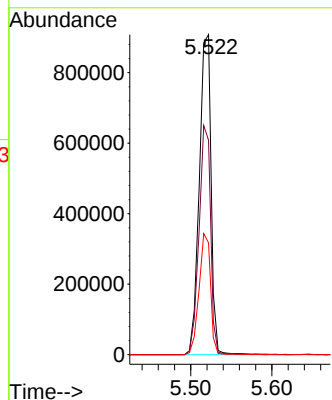
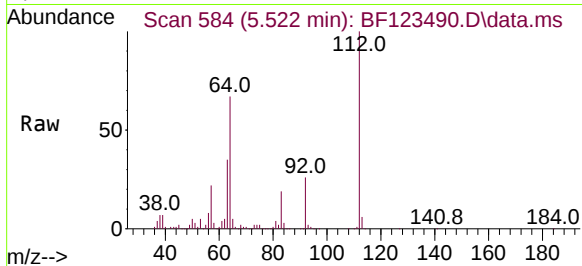




#5
2-Fluorophenol
Concen: 59.27 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.006 min
Lab File: BF123490.D
Acq: 26 Mar 2021 17:16

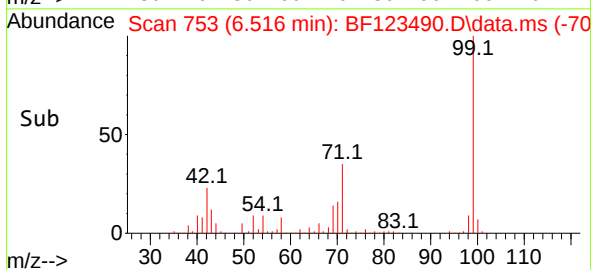
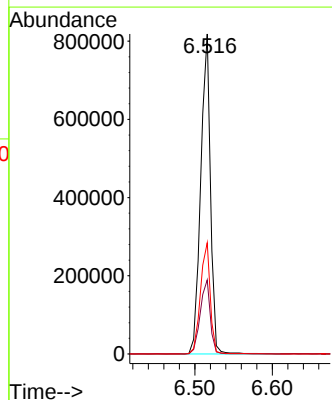
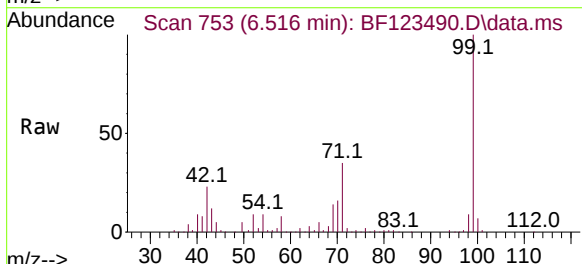
Instrument :
BNA_F
ClientSampleId :
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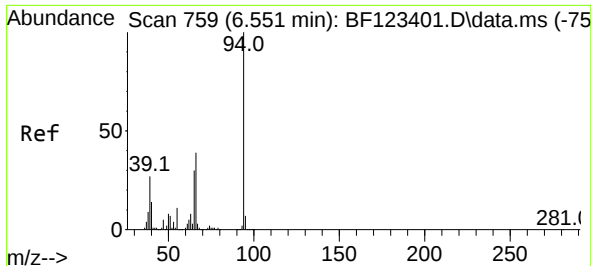
Tgt Ion:112 Resp: 921400
Ion Ratio Lower Upper
112 100
64 67.1 46.9 70.3
63 34.9 24.5 36.7



#7
Phenol-d6
Concen: 34.46 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.012 min
Lab File: BF123490.D
Acq: 26 Mar 2021 17:16

Tgt Ion: 99 Resp: 713015
Ion Ratio Lower Upper
99 100
42 23.1 13.8 20.6#
71 34.8 26.9 40.3

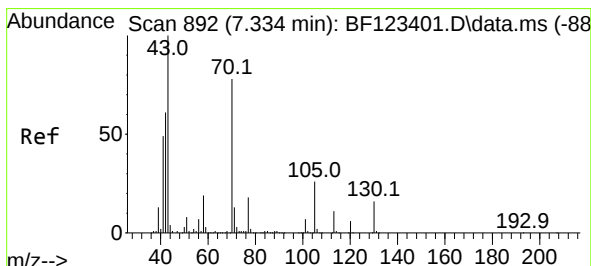
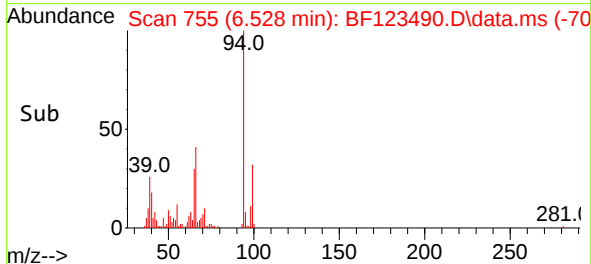
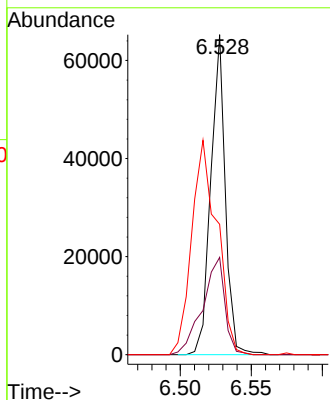
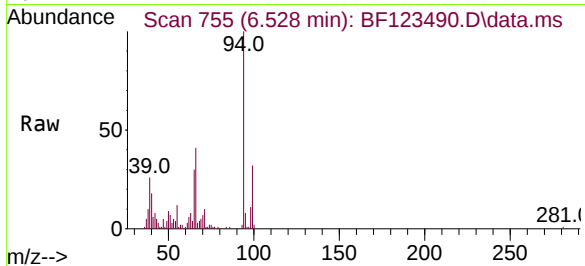




#10
Phenol
Concen: 2.18 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.012 min
Lab File: BF123490.D
Acq: 26 Mar 2021 17:16

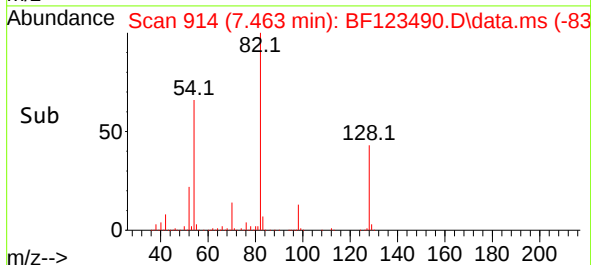
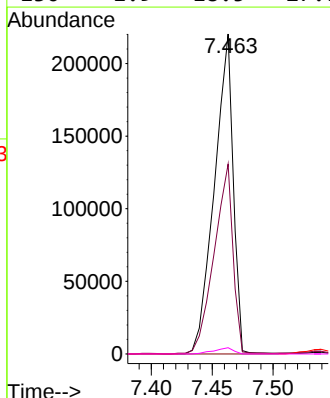
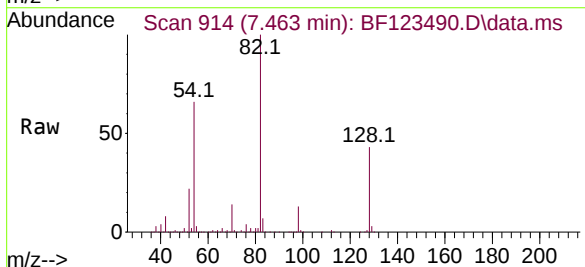
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ClientSampleId :
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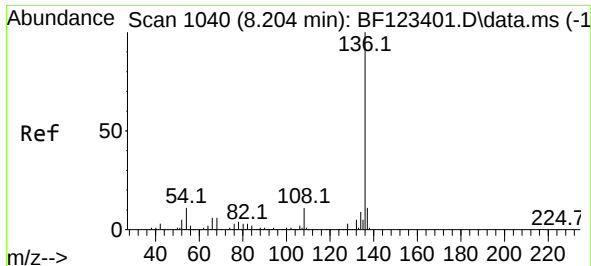
Tgt Ion: 94 Resp: 46345
Ion Ratio Lower Upper
94 100
65 30.4 11.2 51.2
66 40.8 25.8 65.8



#19
n-Nitroso-di-n-propylamine
Concen: 17.71 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.147 min
Lab File: BF123490.D
Acq: 26 Mar 2021 17:16

Tgt Ion: 70 Resp: 236988
Ion Ratio Lower Upper
70 100
42 59.3 43.0 64.4
101 0.0 7.9 11.9#
130 1.9 18.5 27.7#

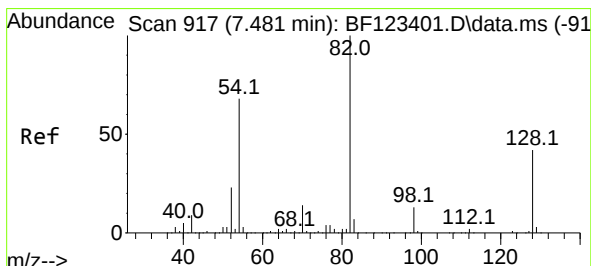
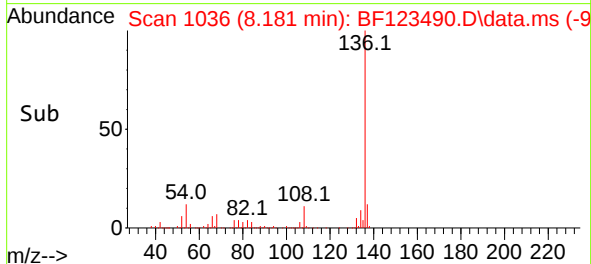
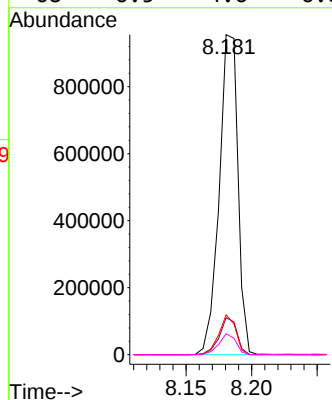
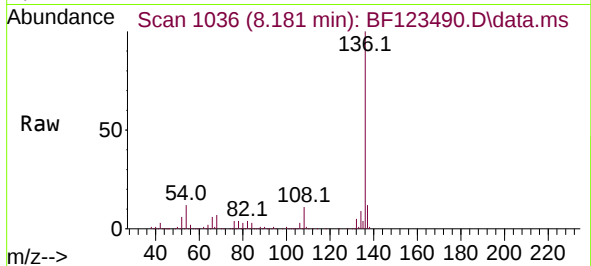




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.181 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF123490.D
Acq: 26 Mar 2021 17:16

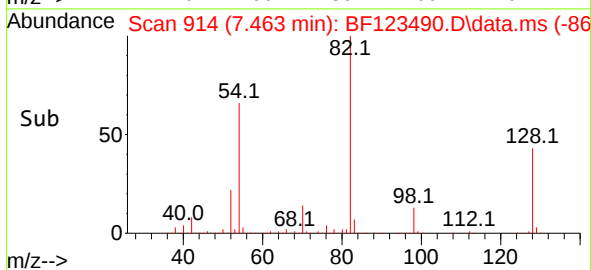
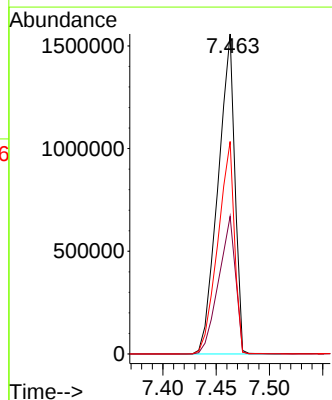
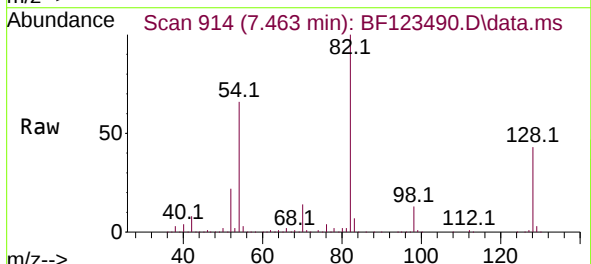
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ClientSampleId :
MW-101S

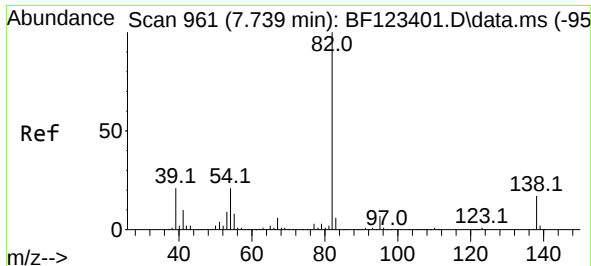
Tgt Ion:136	Resp: 949119
Ion Ratio	Lower Upper
136	100
137	11.6 8.8 13.2
54	12.5 5.5 8.3#
68	6.5 4.6 6.8



#23
Nitrobenzene-d5
Concen: 97.15 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.000 min
Lab File: BF123490.D
Acq: 26 Mar 2021 17:16

Tgt Ion: 82	Resp: 1708505
Ion Ratio	Lower Upper
82	100
128	43.0 37.0 55.4
54	66.4 38.4 57.6#

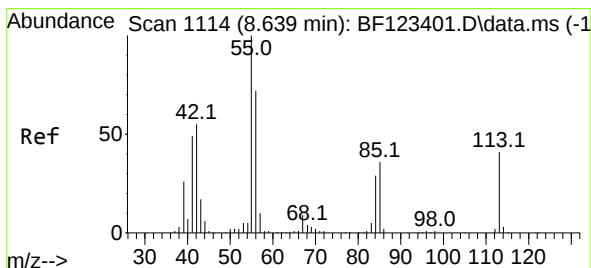
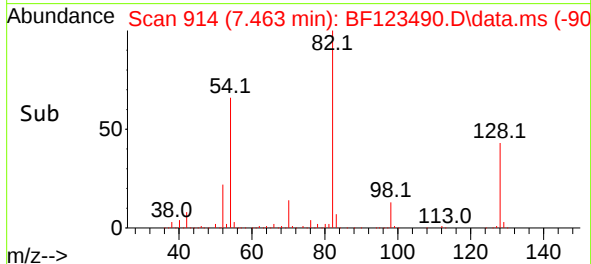
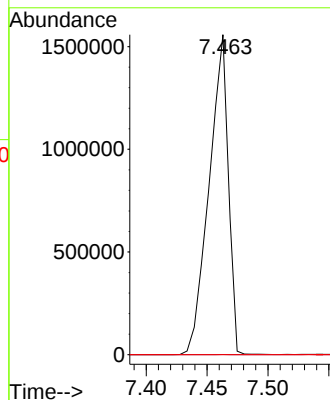
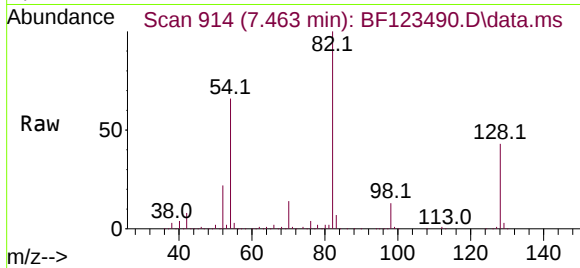




#25
Isophorone
Concen: 45.08 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.259 min
Lab File: BF123490.D
Acq: 26 Mar 2021 17:16

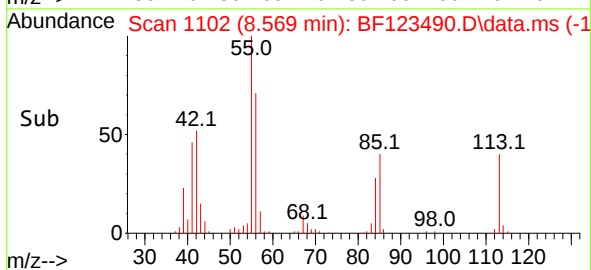
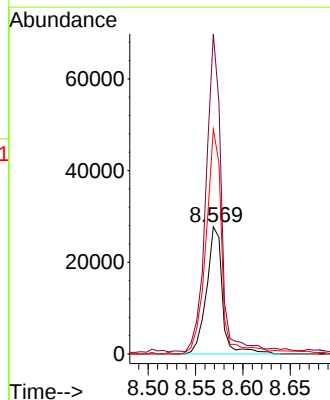
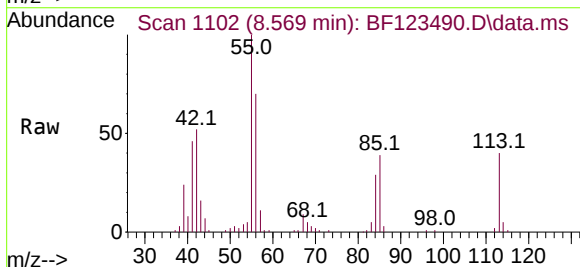
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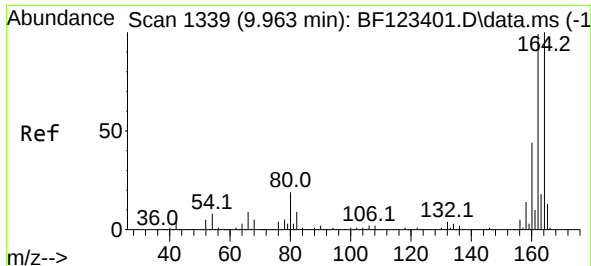
Tgt Ion: 82 Resp: 1704524
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#35
Caprolactam
Concen: 7.09 ng
RT: 8.569 min Scan# 1102
Delta R.T. -0.053 min
Lab File: BF123490.D
Acq: 26 Mar 2021 17:16

Tgt Ion: 113 Resp: 32351
Ion Ratio Lower Upper
113 100
55 251.7 133.7 173.7#
56 176.7 95.3 135.3#

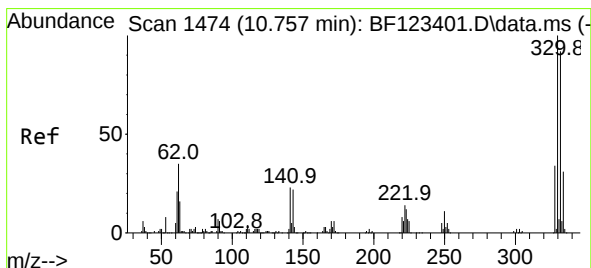
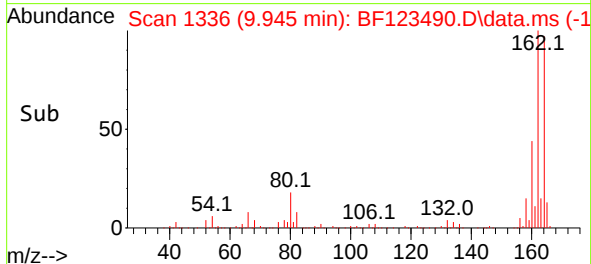
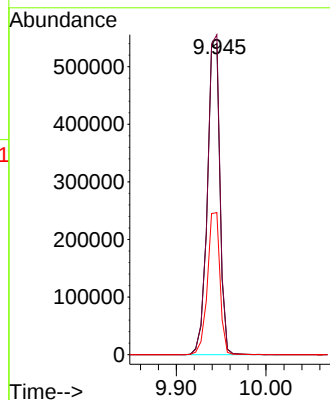
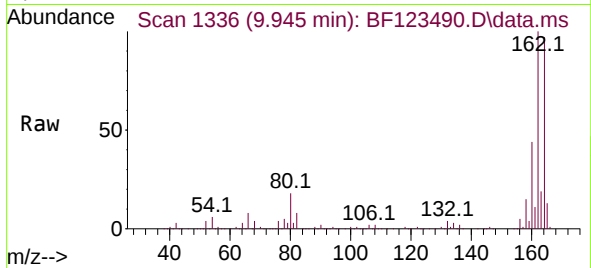




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF123490.D
Acq: 26 Mar 2021 17:16

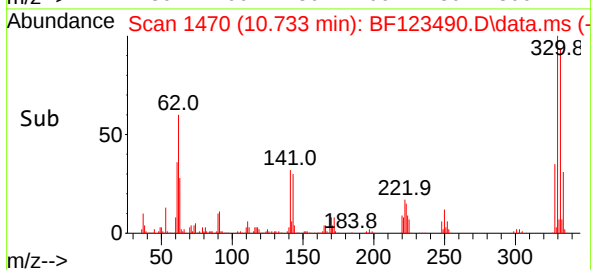
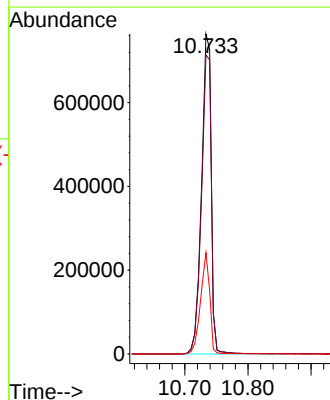
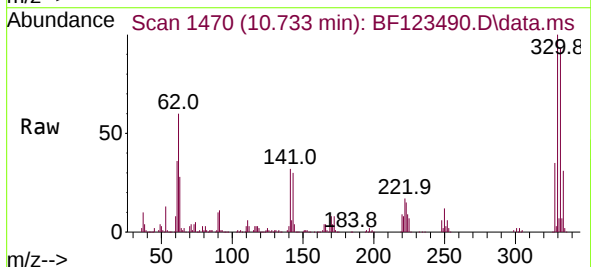
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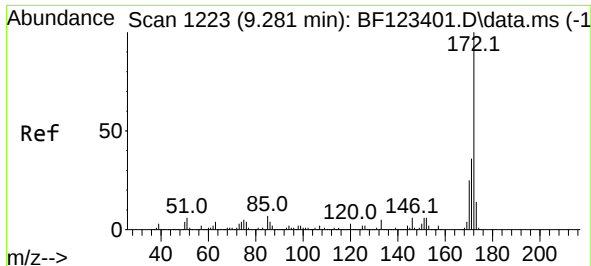
Tgt Ion:164 Resp: 526949
Ion Ratio Lower Upper
164 100
162 102.9 80.8 121.2
160 45.7 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 138.38 ng
RT: 10.733 min Scan# 1470
Delta R.T. -0.006 min
Lab File: BF123490.D
Acq: 26 Mar 2021 17:16

Tgt Ion:330 Resp: 815230
Ion Ratio Lower Upper
330 100
332 94.8 77.5 116.3
141 29.9 23.8 35.8

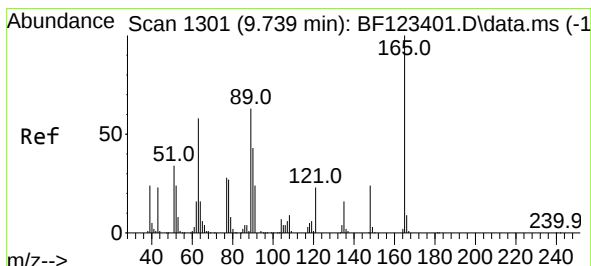
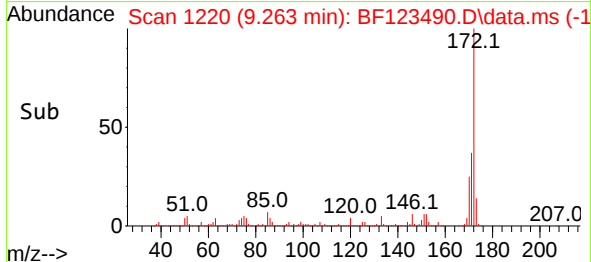
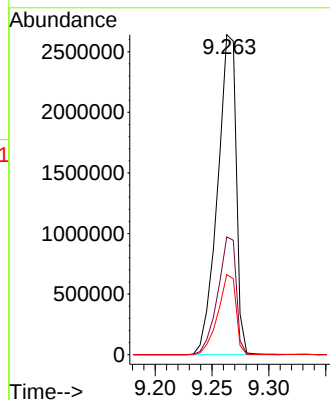
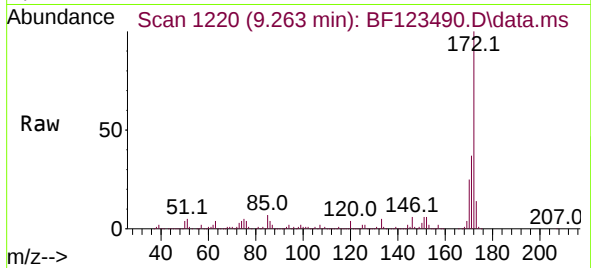




#45
2-Fluorobiphenyl
Concen: 82.09 ng
RT: 9.263 min Scan# 1220
Delta R.T. 0.000 min
Lab File: BF123490.D
Acq: 26 Mar 2021 17:16

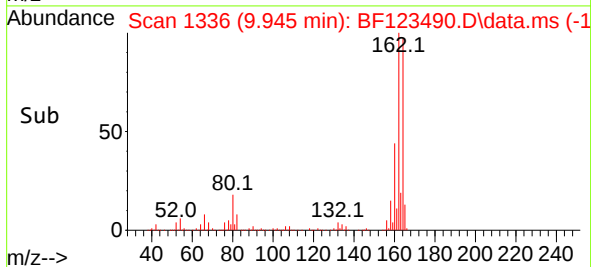
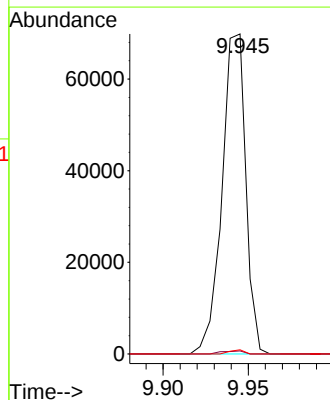
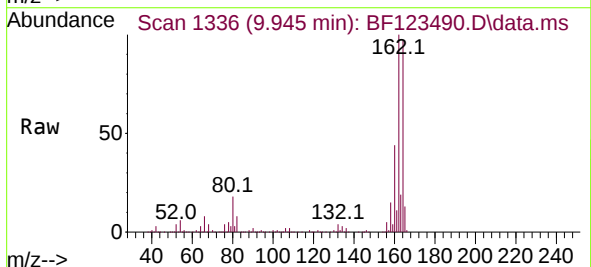
Instrument :
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ClientSampled :
MW-101S

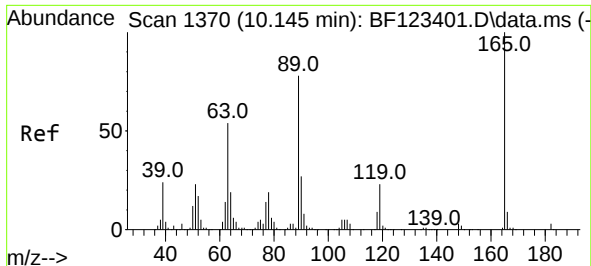
Tgt Ion:172 Resp: 3028085
Ion Ratio Lower Upper
172 100
171 36.8 29.6 44.4
170 25.0 19.5 29.3



#51
2,6-Dinitrotoluene
Concen: 8.68 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.218 min
Lab File: BF123490.D
Acq: 26 Mar 2021 17:16

Tgt Ion:165 Resp: 67835
Ion Ratio Lower Upper
165 100
63 1.0 36.6 55.0#
89 1.3 39.4 59.0#

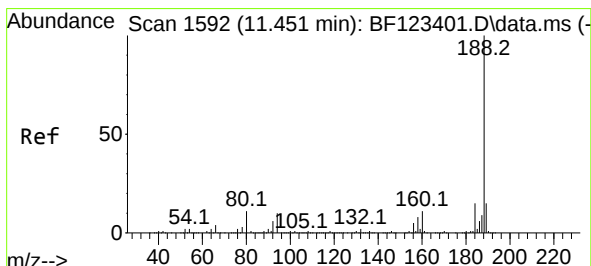
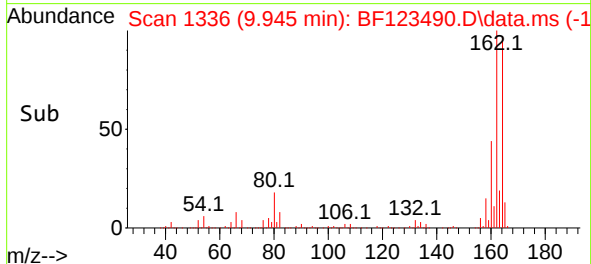
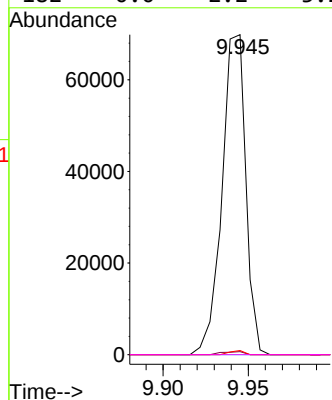
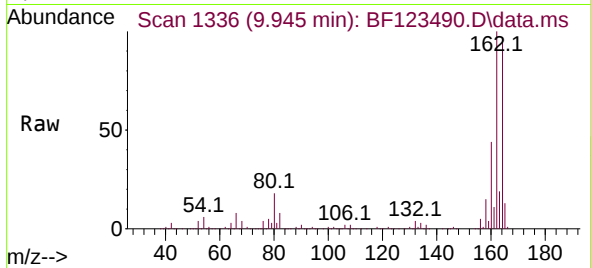




#57
2,4-Dinitrotoluene
Concen: 6.95 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.182 min
Lab File: BF123490.D
Acq: 26 Mar 2021 17:16

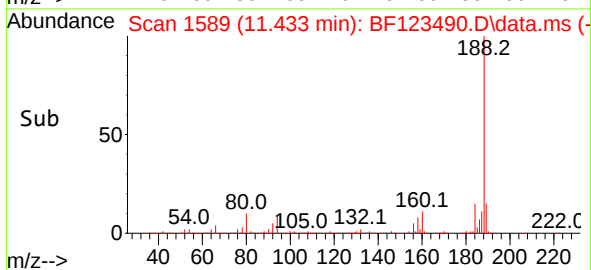
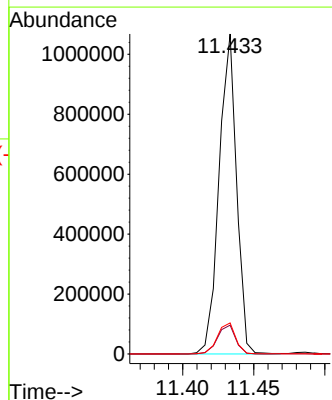
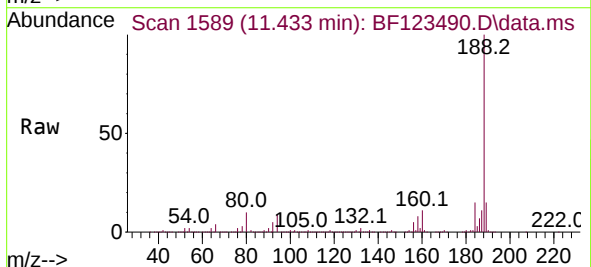
Instrument :
BNA_F
ClientSampled :
MW-101S

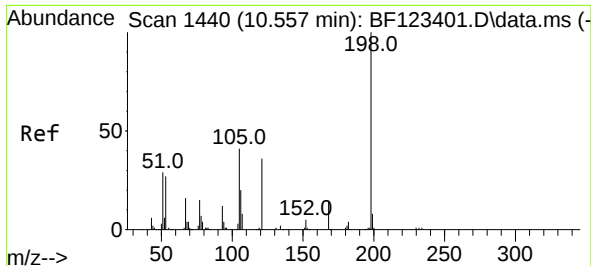
Tgt Ion:165 Resp: 67835
Ion Ratio Lower Upper
165 100
63 1.0 34.3 51.5#
89 1.3 55.2 82.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.433 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BF123490.D
Acq: 26 Mar 2021 17:16

Tgt Ion:188 Resp: 911478
Ion Ratio Lower Upper
188 100
94 9.0 7.4 11.2
80 9.7 8.2 12.4

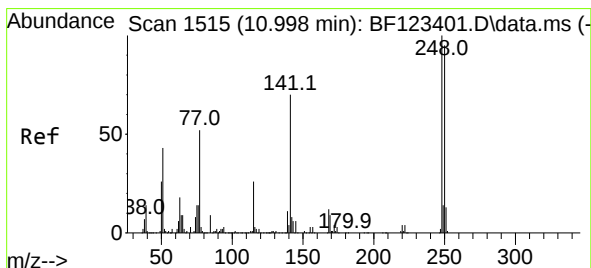
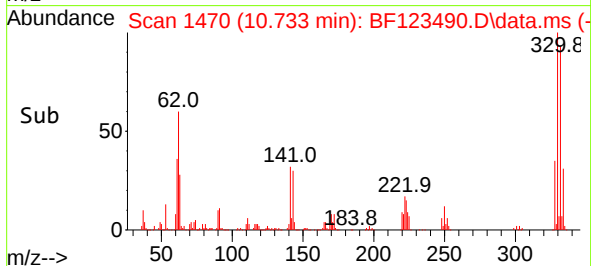
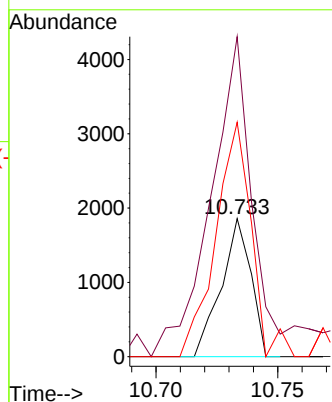
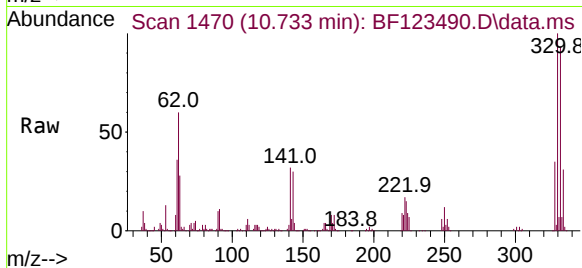




#65
4,6-Dinitro-2-methylphenol
Concen: 5.41 ng
RT: 10.733 min Scan# 1470
Delta R.T. 0.194 min
Lab File: BF123490.D
Acq: 26 Mar 2021 17:16

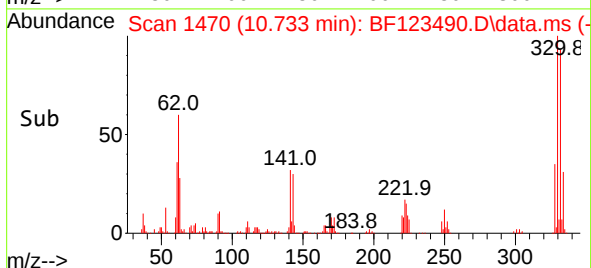
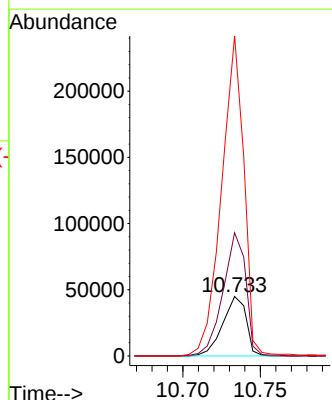
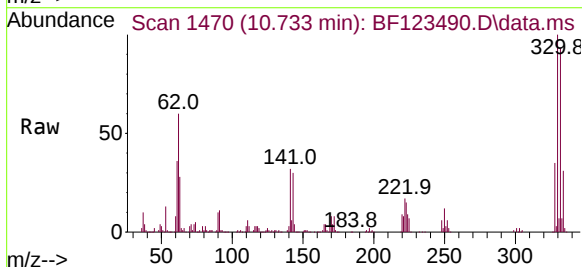
Instrument :
BNA_F
ClientSampled :
MW-101S

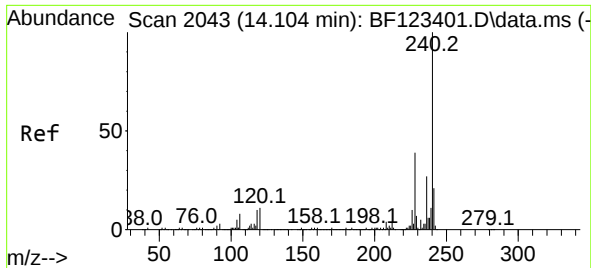
Tgt Ion:198 Resp: 1571
Ion Ratio Lower Upper
198 100
51 231.8 20.3 60.3#
105 169.8 23.0 63.0#



#67
4-Bromophenyl-phenylether
Concen: 4.39 ng
RT: 10.733 min Scan# 1470
Delta R.T. -0.247 min
Lab File: BF123490.D
Acq: 26 Mar 2021 17:16

Tgt Ion:248 Resp: 47414
Ion Ratio Lower Upper
248 100
250 207.3 76.8 115.2#
141 538.0 59.8 89.8#

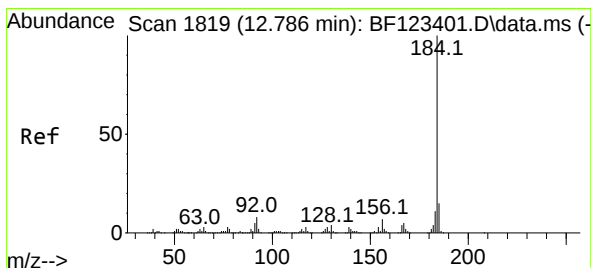
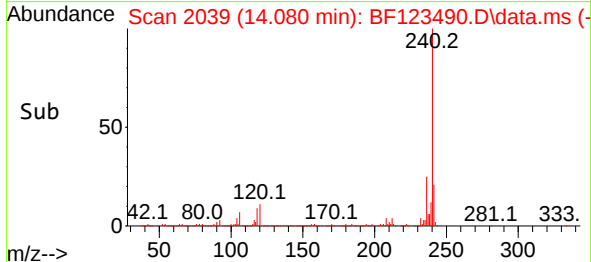
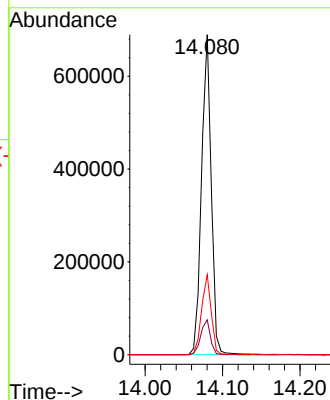
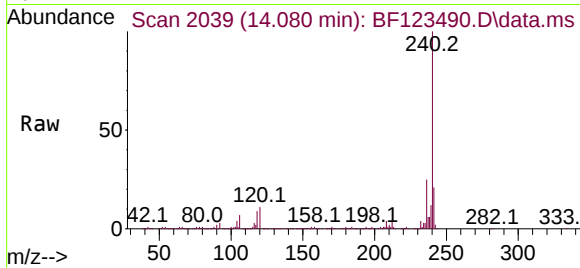




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF123490.D
Acq: 26 Mar 2021 17:16

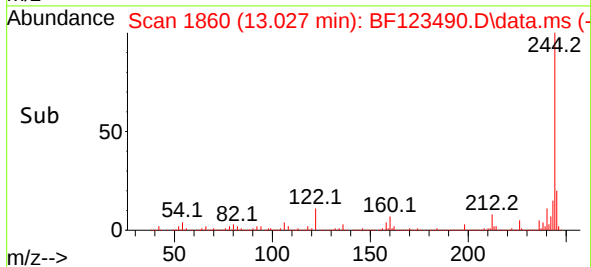
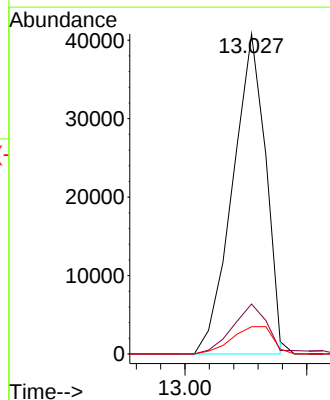
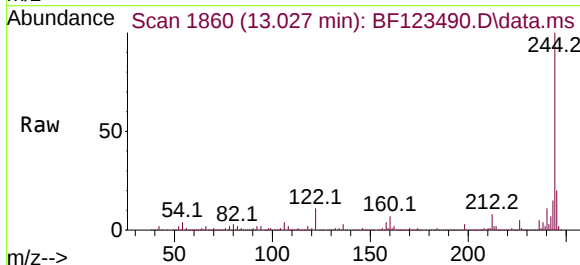
Instrument :
BNA_F
ClientSampleId :
MW-101S

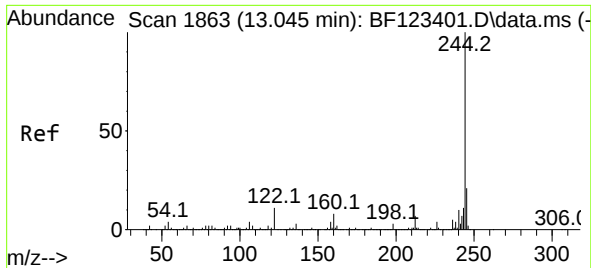
Tgt Ion:240 Resp: 599475
Ion Ratio Lower Upper
240 100
120 10.9 8.6 12.8
236 25.0 20.3 30.5



#77
Benzidine
Concen: 2.16 ng
RT: 13.027 min Scan# 1860
Delta R.T. 0.259 min
Lab File: BF123490.D
Acq: 26 Mar 2021 17:16

Tgt Ion:184 Resp: 38502
Ion Ratio Lower Upper
184 100
185 15.6 11.8 17.6
183 8.5 9.7 14.5#

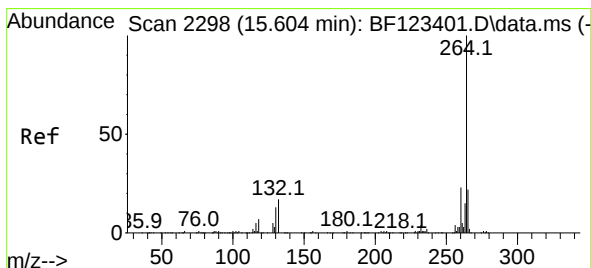
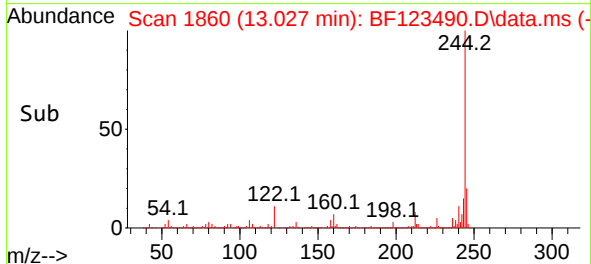
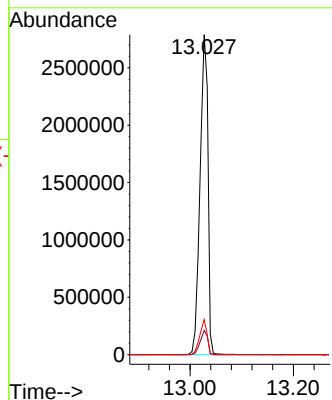
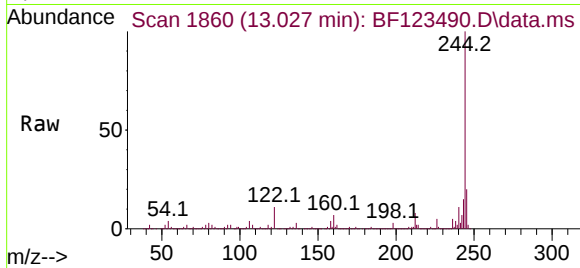




#79
Terphenyl-d14
Concen: 83.61 ng
RT: 13.027 min Scan# 1860
Delta R.T. 0.000 min
Lab File: BF123490.D
Acq: 26 Mar 2021 17:16

Instrument :
BNA_F
ClientSampleId :
MW-101S

Tgt Ion:244 Resp: 2957360
Ion Ratio Lower Upper
244 100
212 7.6 5.7 8.5
122 10.9 8.3 12.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.580 min Scan# 2294
Delta R.T. 0.000 min
Lab File: BF123490.D
Acq: 26 Mar 2021 17:16

Tgt Ion:264 Resp: 467654
Ion Ratio Lower Upper
264 100
260 22.4 18.6 28.0
265 22.1 17.0 25.6

