

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032421\
 Data File : BF123442.D
 Acq On : 24 Mar 2021 16:46
 Operator : JU/CG
 Sample : M1777-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 248-250

Quant Time: Mar 25 00:39:30 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 24 12:51:15 2021
 Response via : Initial Calibration

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

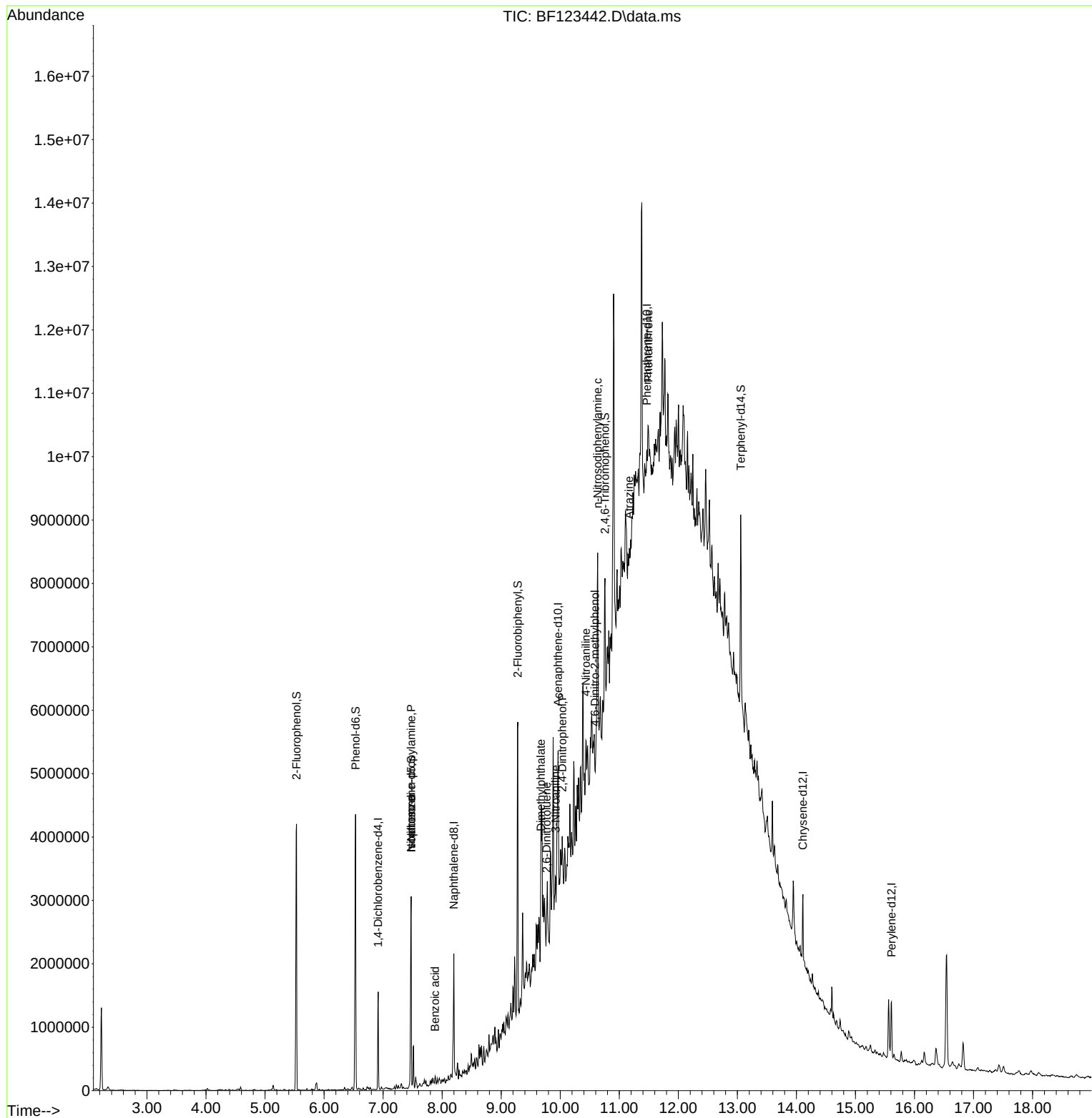
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	209666	20.00	ng	0.00
21) Naphthalene-d8	8.198	136	728278	20.00	ng	# 0.00
39) Acenaphthene-d10	9.963	164	311458	20.00	ng	0.00
64) Phenanthrene-d10	11.468	188	369689	20.00	ng	# 0.02
76) Chrysene-d12	14.110	240	358502	20.00	ng	0.00
86) Perylene-d12	15.609	264	441102	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1098457	85.71	ng	0.00
7) Phenol-d6	6.534	99	1382396	81.03	ng	0.00
23) Nitrobenzene-d5	7.475	82	920739	68.23	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	279047	80.14	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	1480274	67.90	ng	0.00
79) Terphenyl-d14	13.057	244	1014669	47.97	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.457	77	1737	Below Cal	#	87
19) n-Nitroso-di-n-propyla...	7.475	70	130936	11.87	ng	# 81
25) Isophorone	7.475	82	909971	31.37	ng	# 65
32) Benzoic acid	7.880	122	21730	3.11	ng	87
50) Dimethylphthalate	9.669	163	59806	2.70	ng	# 62
51) 2,6-Dinitrotoluene	9.769	165	10629	2.30	ng	# 47
53) 3-Nitroaniline	9.922	138	15854	3.25	ng	# 30
54) 2,4-Dinitrophenol	10.033	184	953	9.03	ng	# 1
62) 4-Nitroaniline	10.433	138	30679	6.63	ng	96
65) 4,6-Dinitro-2-methylph...	10.586	198	1869	5.96	ng	# 1
66) n-Nitrosodiphenylamine	10.633	169	45187	3.65	ng	# 52
69) Atrazine	11.163	200	9598	2.44	ng	# 1
71) Phenanthrene	11.492	178	54531	2.67	ng	# 1

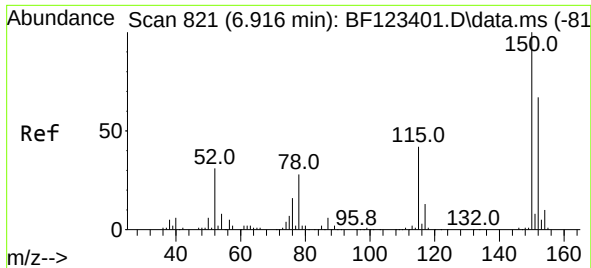
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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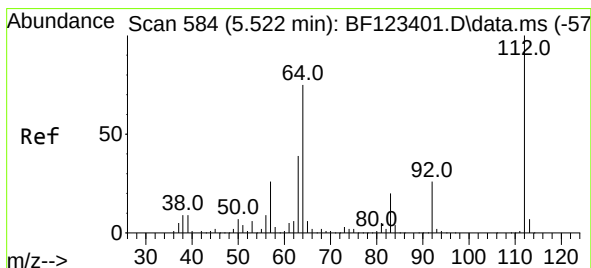
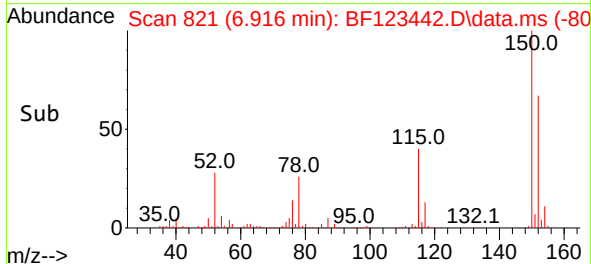
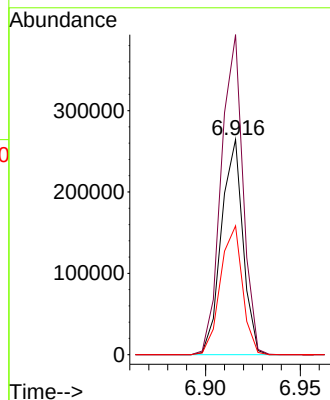
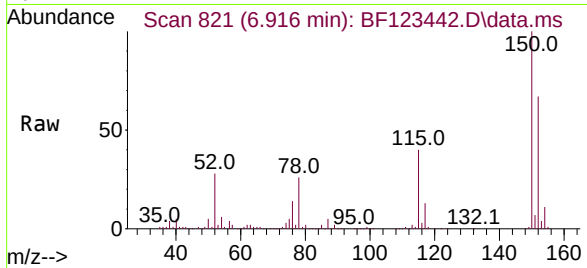




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.000 min
Lab File: BF123442.D
Acq: 24 Mar 2021 16:46

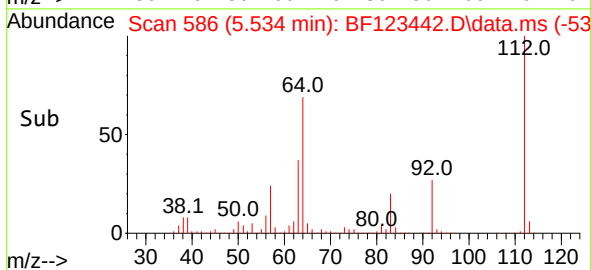
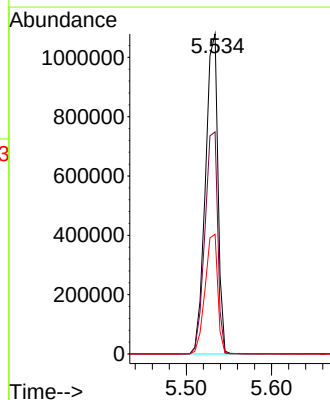
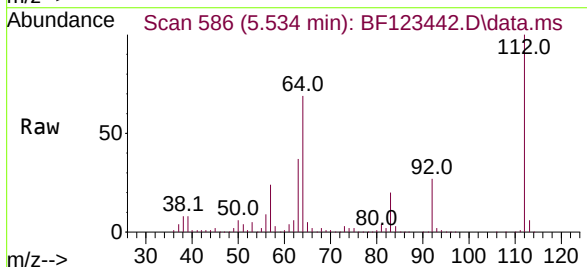
Instrument :
BNA_F
ClientSampleId :
248-250

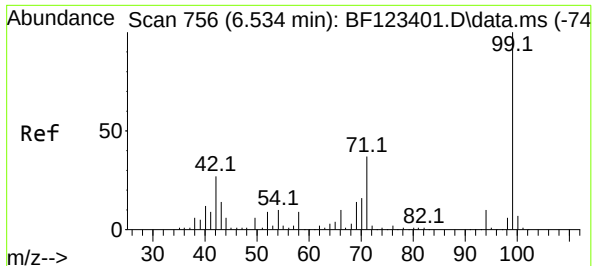
Tgt Ion:152 Resp: 209666
Ion Ratio Lower Upper
152 100
150 148.7 125.8 188.6
115 59.8 49.3 73.9



#5
2-Fluorophenol
Concen: 85.71 ng
RT: 5.534 min Scan# 586
Delta R.T. 0.006 min
Lab File: BF123442.D
Acq: 24 Mar 2021 16:46

Tgt Ion:112 Resp: 1098457
Ion Ratio Lower Upper
112 100
64 69.4 46.9 70.3
63 37.4 24.5 36.7#

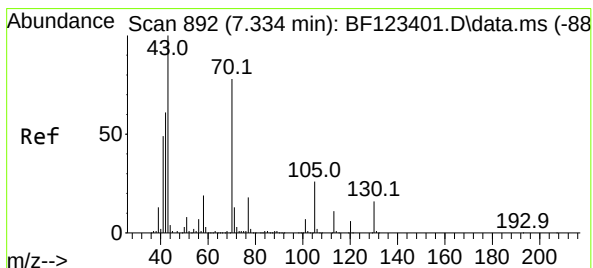
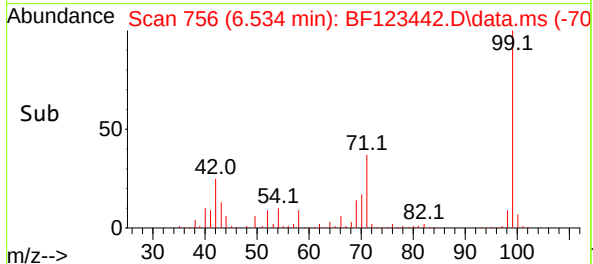
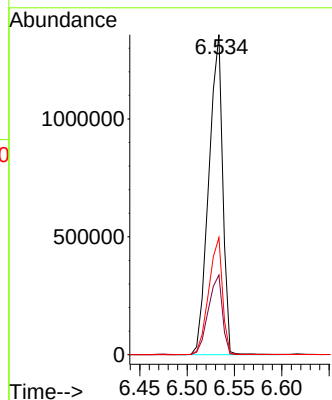
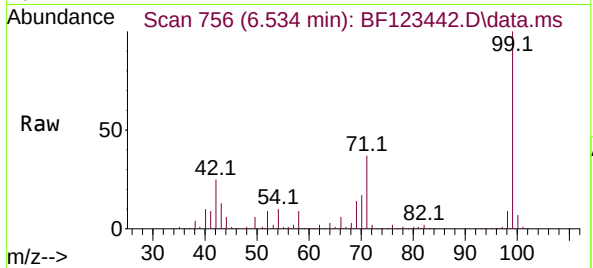




#7
Phenol-d6
Concen: 81.03 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF123442.D
Acq: 24 Mar 2021 16:46

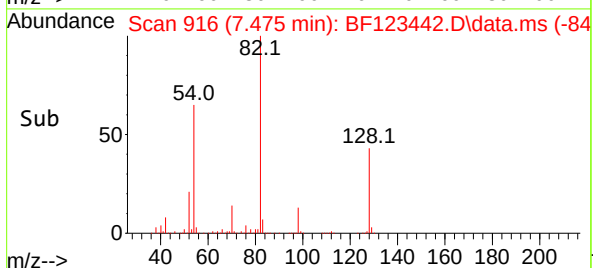
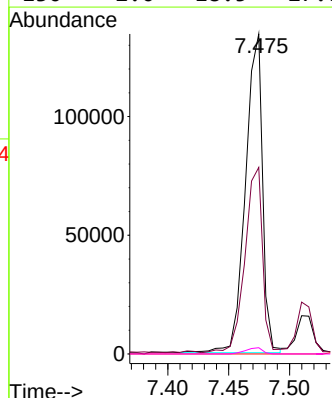
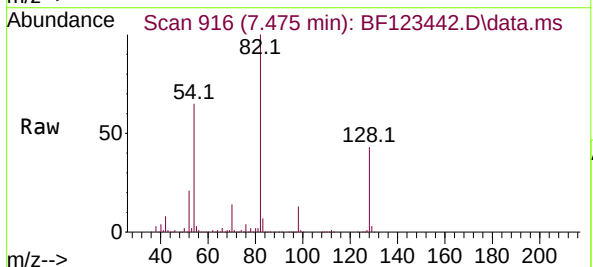
Instrument :
BNA_F
ClientSampleId :
248-250

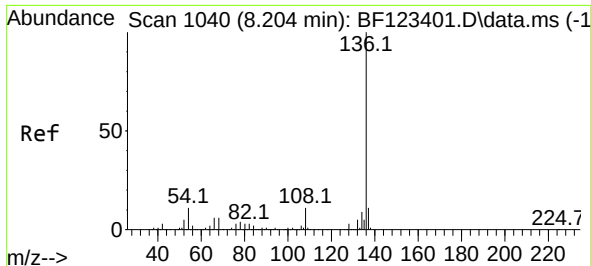
Tgt Ion: 99 Resp: 1382396
Ion Ratio Lower Upper
99 100
42 24.9 13.8 20.6#
71 36.6 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 11.87 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.141 min
Lab File: BF123442.D
Acq: 24 Mar 2021 16:46

Tgt Ion: 70 Resp: 130936
Ion Ratio Lower Upper
70 100
42 58.3 43.0 64.4
101 0.0 7.9 11.9#
130 2.0 18.5 27.7#

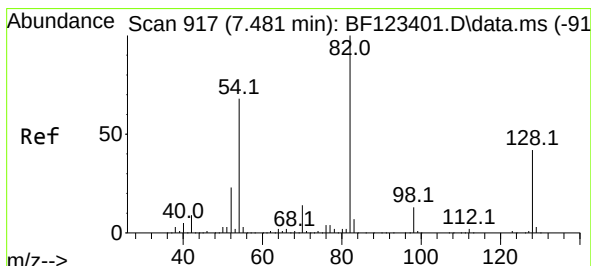
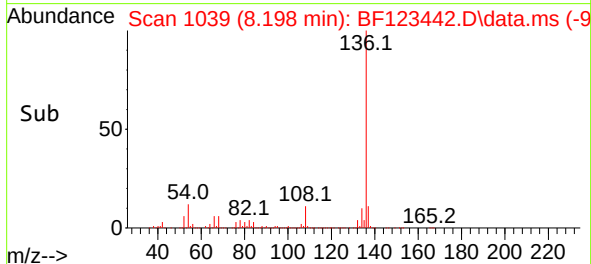
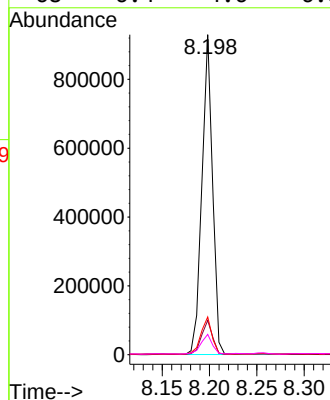
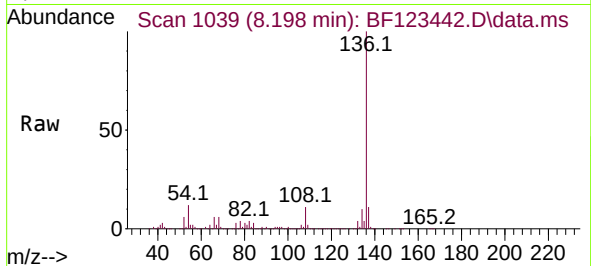




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.000 min
Lab File: BF123442.D
Acq: 24 Mar 2021 16:46

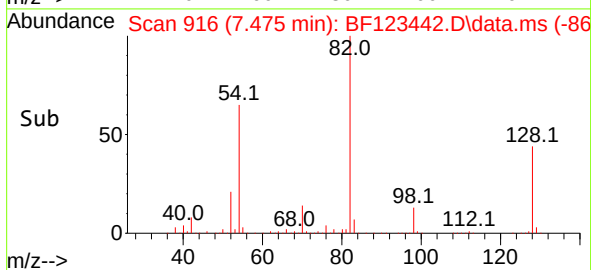
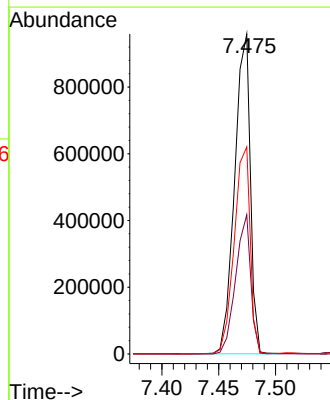
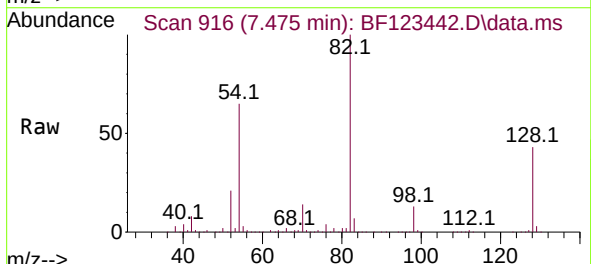
Instrument :
BNA_F
ClientSampleId :
248-250

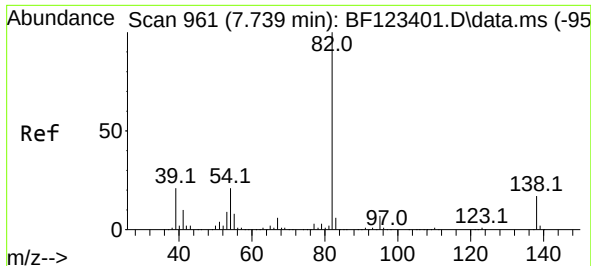
Tgt Ion:136 Resp: 728278
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 11.8 5.5 8.3#
68 6.4 4.6 6.8



#23
Nitrobenzene-d5
Concen: 68.23 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF123442.D
Acq: 24 Mar 2021 16:46

Tgt Ion: 82 Resp: 920739
Ion Ratio Lower Upper
82 100
128 43.5 37.0 55.4
54 64.7 38.4 57.6#

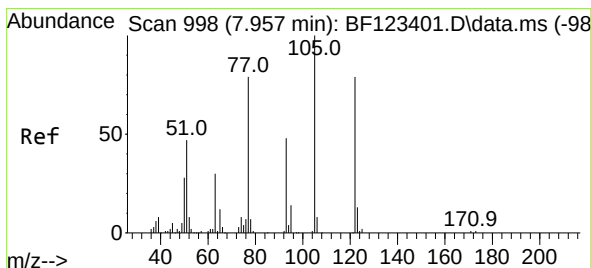
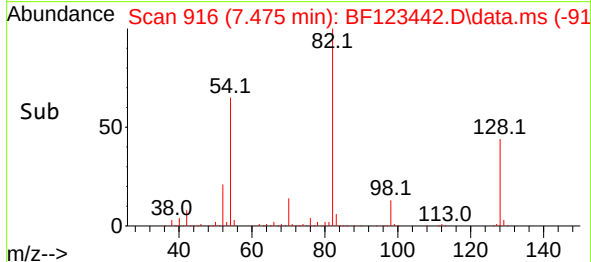
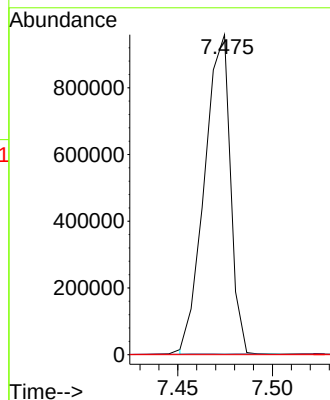
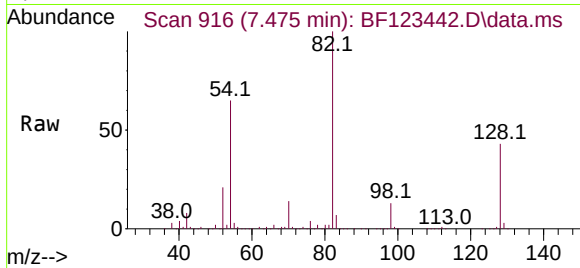




#25
Isophorone
Concen: 31.37 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.265 min
Lab File: BF123442.D
Acq: 24 Mar 2021 16:46

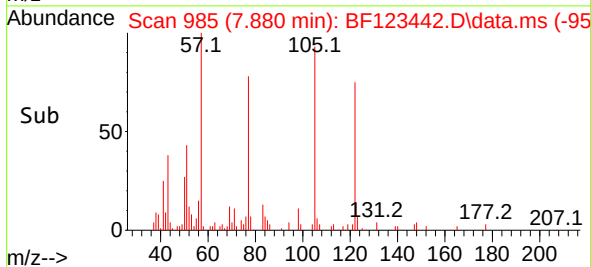
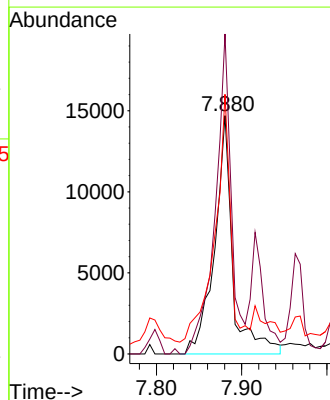
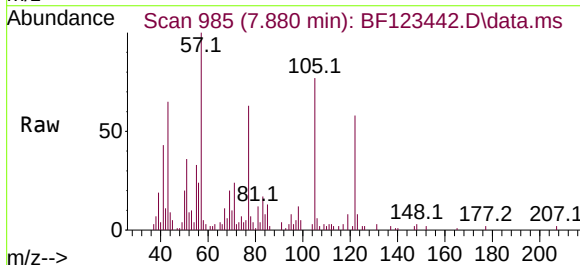
Instrument :
BNA_F
ClientSampleId :
248-250

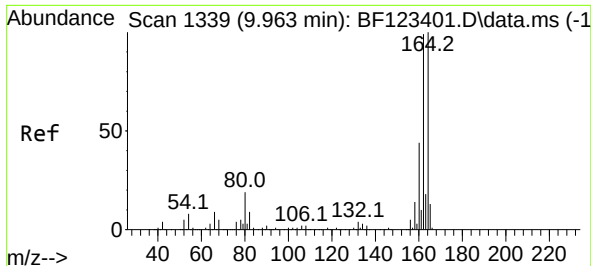
Tgt Ion: 82 Resp: 909971
Ion Ratio Lower Upper
82 100
95 0.1 5.8 8.6#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 3.11 ng
RT: 7.880 min Scan# 985
Delta R.T. -0.094 min
Lab File: BF123442.D
Acq: 24 Mar 2021 16:46

Tgt Ion: 122 Resp: 21730
Ion Ratio Lower Upper
122 100
105 134.2 104.8 144.8
77 108.9 71.0 111.0

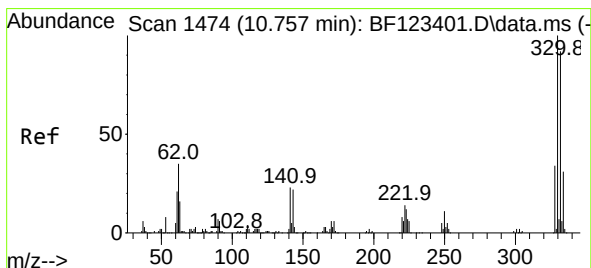
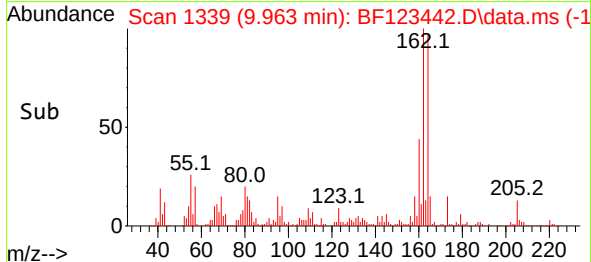
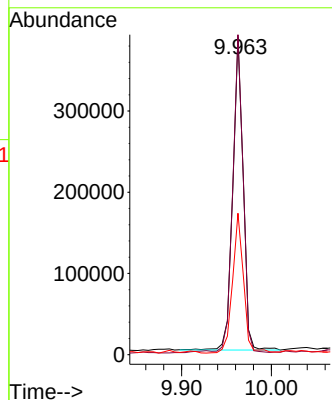
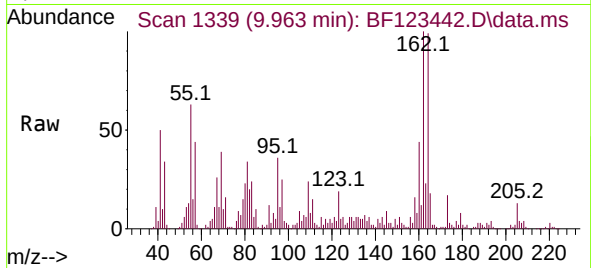




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF123442.D
Acq: 24 Mar 2021 16:46

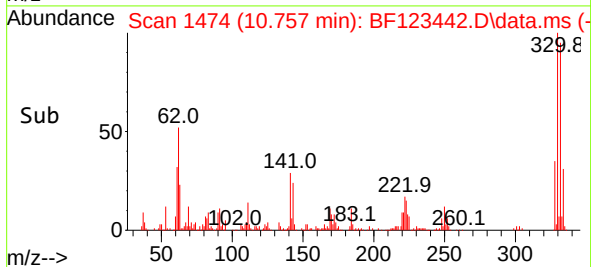
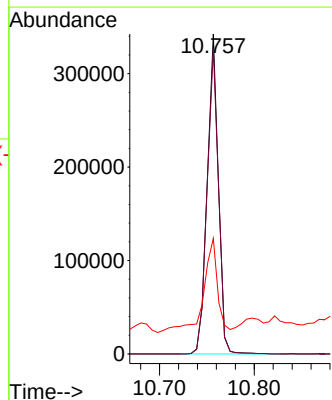
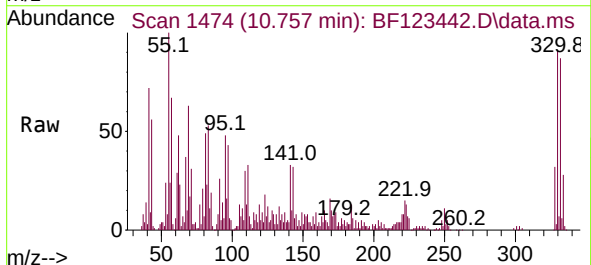
Instrument :
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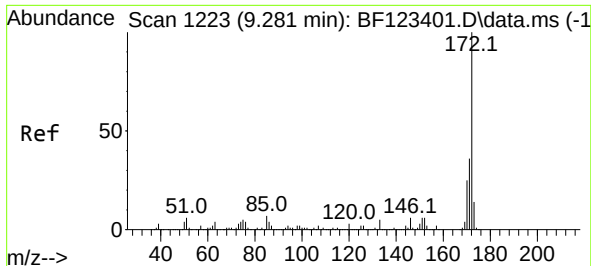
Tgt Ion:164 Resp: 311458
Ion Ratio Lower Upper
164 100
162 100.8 80.8 121.2
160 44.5 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 80.14 ng
RT: 10.757 min Scan# 1474
Delta R.T. -0.000 min
Lab File: BF123442.D
Acq: 24 Mar 2021 16:46

Tgt Ion:330 Resp: 279047
Ion Ratio Lower Upper
330 100
332 97.4 77.5 116.3
141 37.2 23.8 35.8#

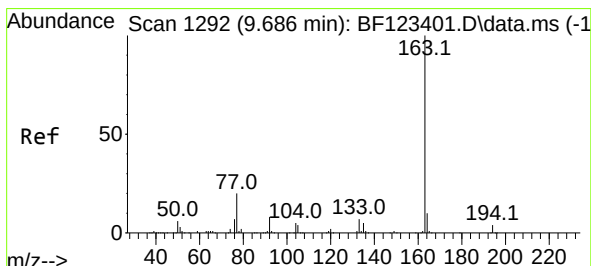
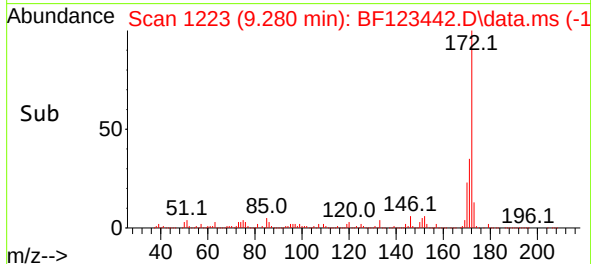
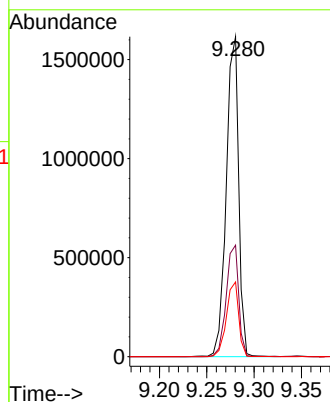
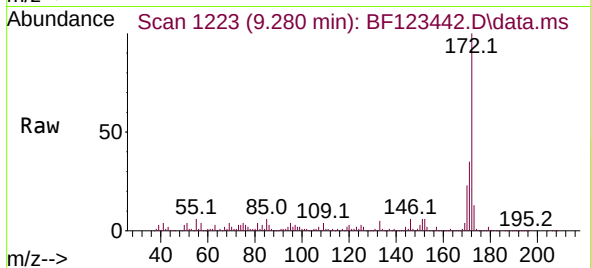




#45
2-Fluorobiphenyl
Concen: 67.90 ng
RT: 9.280 min Scan# 1223
Delta R.T. -0.000 min
Lab File: BF123442.D
Acq: 24 Mar 2021 16:46

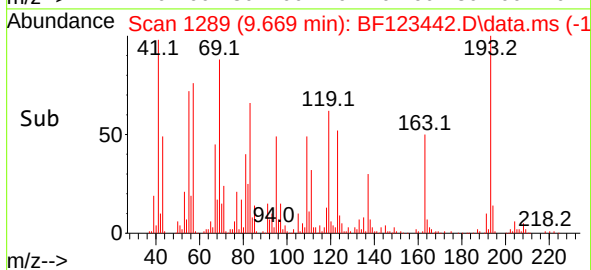
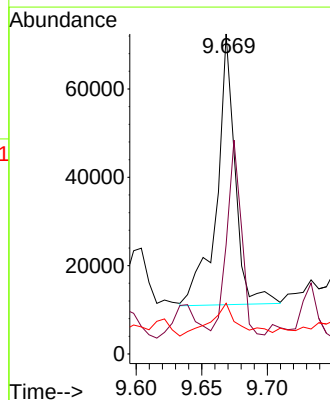
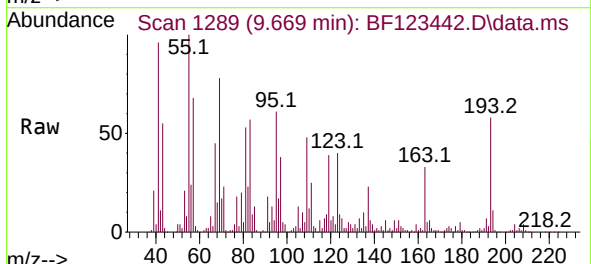
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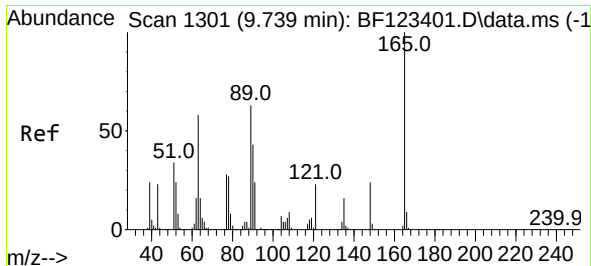
Tgt Ion:172 Resp: 1480274
Ion Ratio Lower Upper
172 100
171 34.8 29.6 44.4
170 23.3 19.5 29.3



#50
Dimethylphthalate
Concen: 2.70 ng
RT: 9.669 min Scan# 1289
Delta R.T. -0.018 min
Lab File: BF123442.D
Acq: 24 Mar 2021 16:46

Tgt Ion:163 Resp: 59806
Ion Ratio Lower Upper
163 100
194 34.2 3.4 5.0#
164 15.8 8.1 12.1#

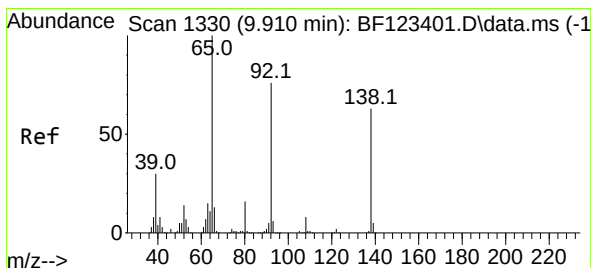
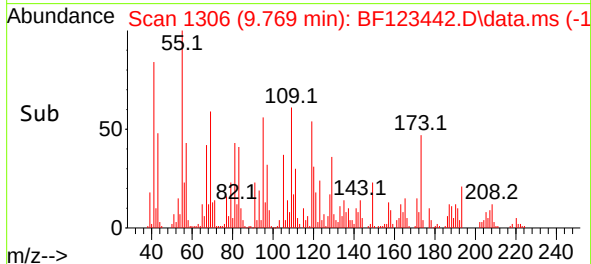
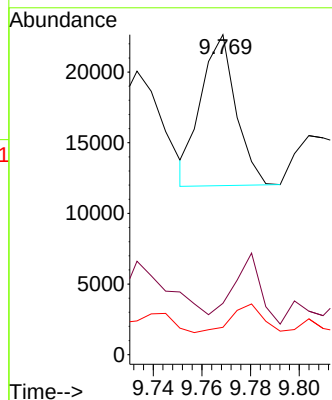
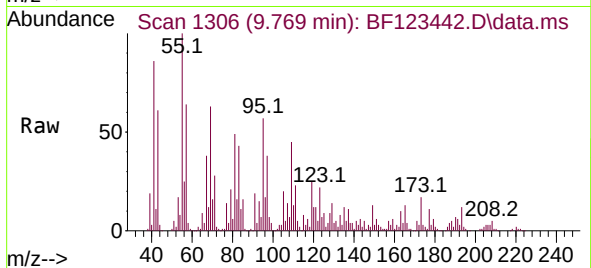




#51
2,6-Dinitrotoluene
Concen: 2.30 ng
RT: 9.769 min Scan# 1306
Delta R.T. 0.023 min
Lab File: BF123442.D
Acq: 24 Mar 2021 16:46

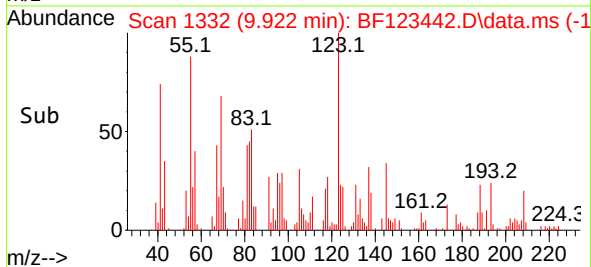
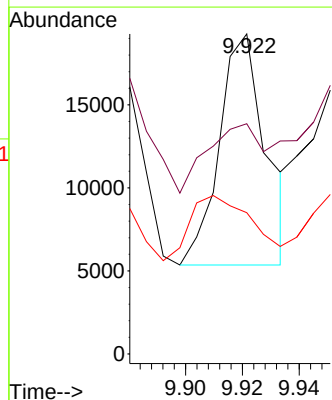
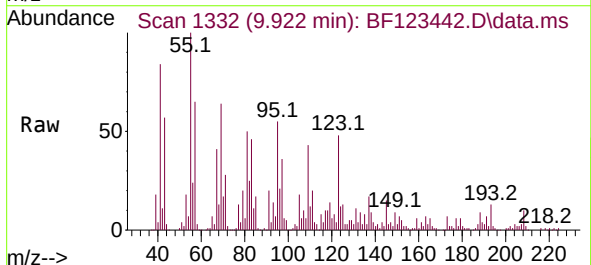
Instrument :
BNA_F
ClientSampleId :
248-250

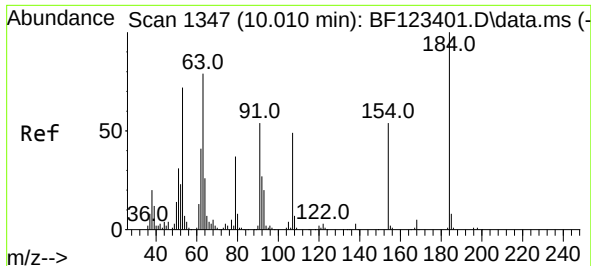
Tgt Ion:165 Resp: 10629
Ion Ratio Lower Upper
165 100
63 16.1 36.6 55.0#
89 8.6 39.4 59.0#



#53
3-Nitroaniline
Concen: 3.25 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.006 min
Lab File: BF123442.D
Acq: 24 Mar 2021 16:46

Tgt Ion:138 Resp: 15854
Ion Ratio Lower Upper
138 100
108 72.0 8.2 12.2#
92 44.1 85.4 128.2#

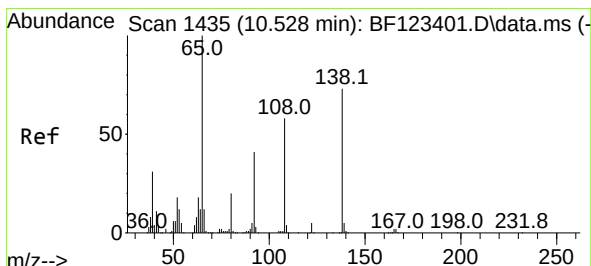
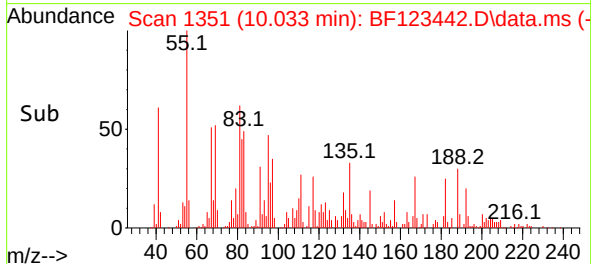
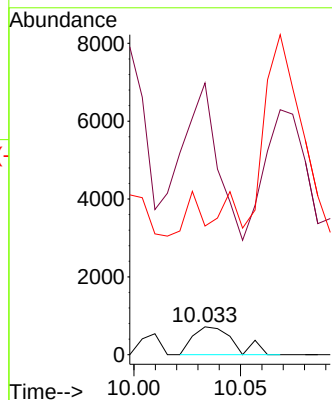
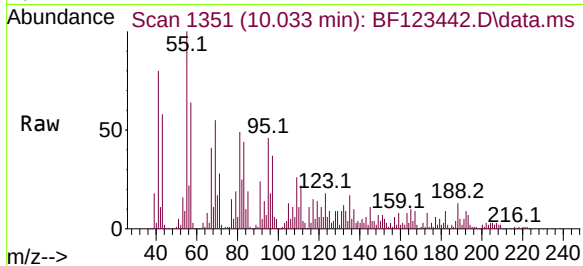




#54
2,4-Dinitrophenol
Concen: 9.03 ng
RT: 10.033 min Scan# 1351
Delta R.T. 0.017 min
Lab File: BF123442.D
Acq: 24 Mar 2021 16:46

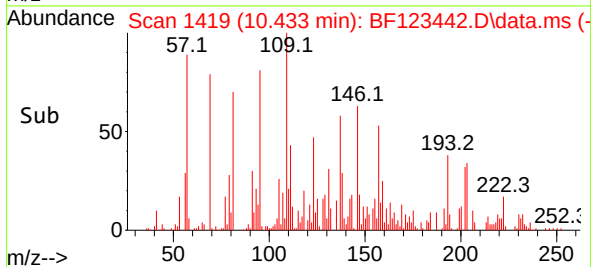
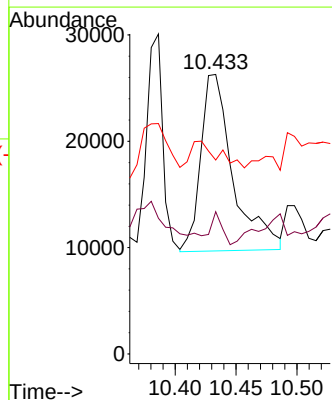
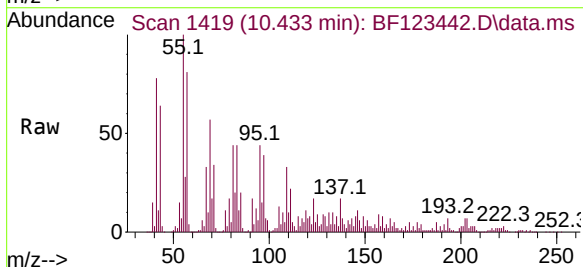
Instrument :
BNA_F
ClientSampleId :
248-250

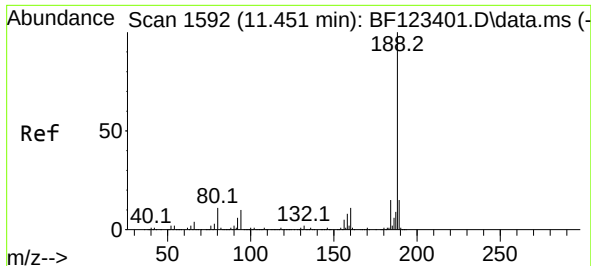
Tgt Ion:184 Resp: 953
Ion Ratio Lower Upper
184 100
63 975.3 51.4 77.2#
154 461.5 49.7 74.5#



#62
4-Nitroaniline
Concen: 6.63 ng
RT: 10.433 min Scan# 1419
Delta R.T. -0.100 min
Lab File: BF123442.D
Acq: 24 Mar 2021 16:46

Tgt Ion:138 Resp: 30679
Ion Ratio Lower Upper
138 100
92 50.9 31.0 71.0
108 69.4 54.8 94.8

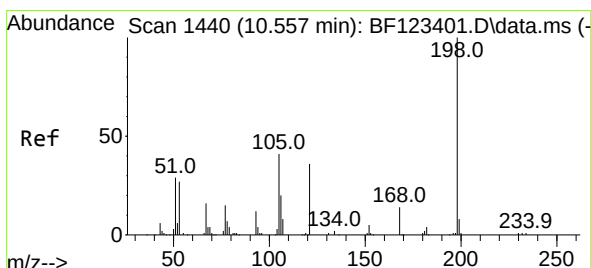
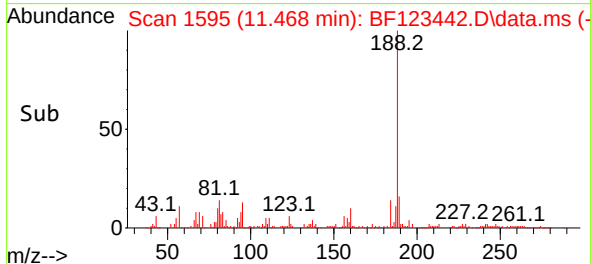
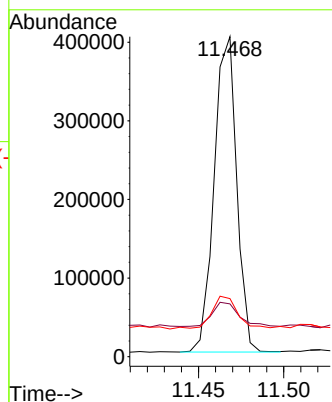
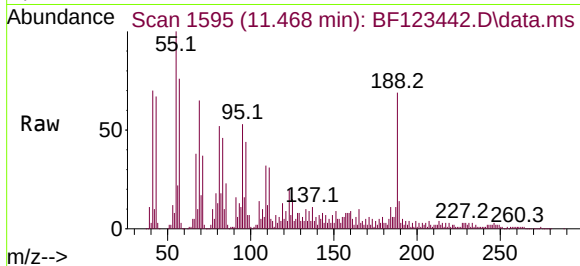




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.468 min Scan# 1595
Delta R.T. 0.017 min
Lab File: BF123442.D
Acq: 24 Mar 2021 16:46

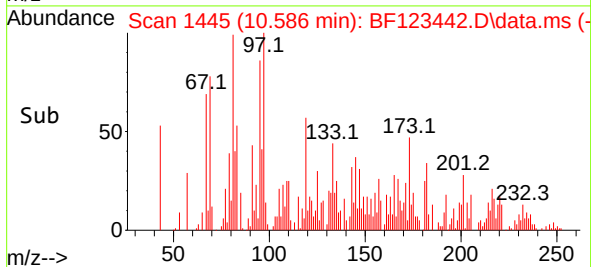
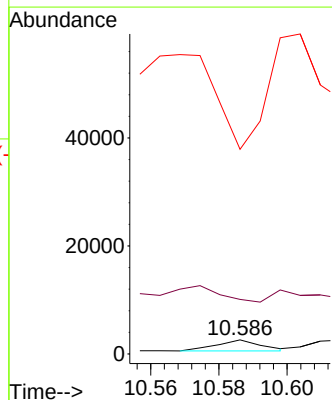
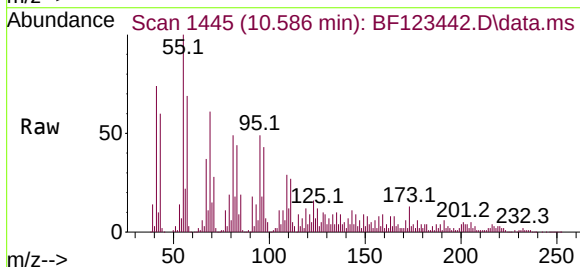
Instrument :
BNA_F
ClientSampleId :
248-250

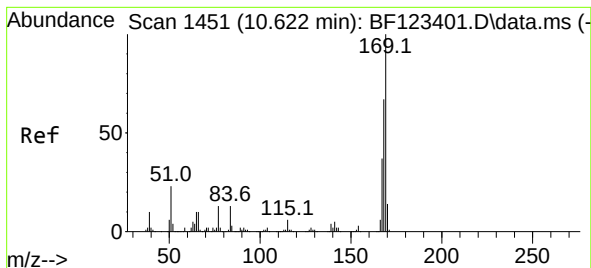
Tgt Ion:188 Resp: 369689
Ion Ratio Lower Upper
188 100
94 16.5 7.4 11.2#
80 18.1 8.2 12.4#



#65
4,6-Dinitro-2-methylphenol
Concen: 5.96 ng
RT: 10.586 min Scan# 1445
Delta R.T. 0.029 min
Lab File: BF123442.D
Acq: 24 Mar 2021 16:46

Tgt Ion:198 Resp: 1869
Ion Ratio Lower Upper
198 100
51 388.9 20.3 60.3#
105 1458.9 23.0 63.0#

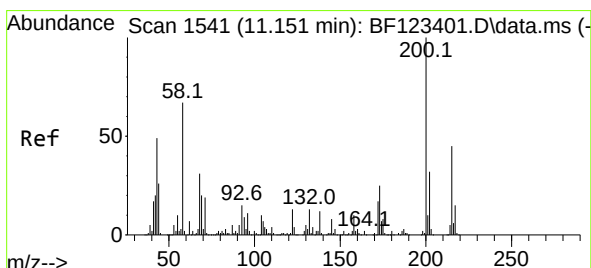
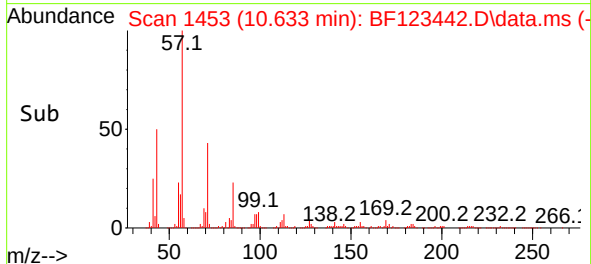
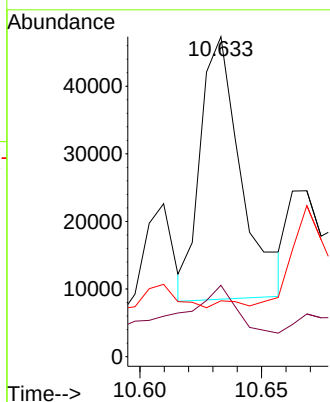
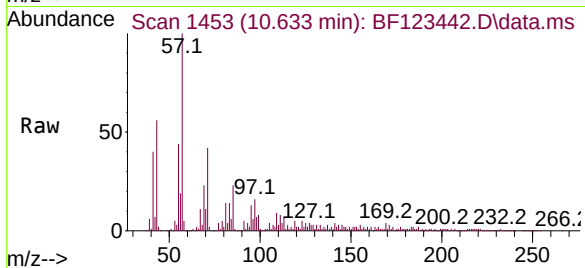




#66
n-Nitrosodiphenylamine
Concen: 3.65 ng
RT: 10.633 min Scan# 1453
Delta R.T. 0.006 min
Lab File: BF123442.D
Acq: 24 Mar 2021 16:46

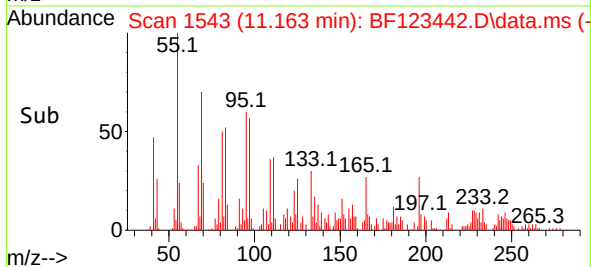
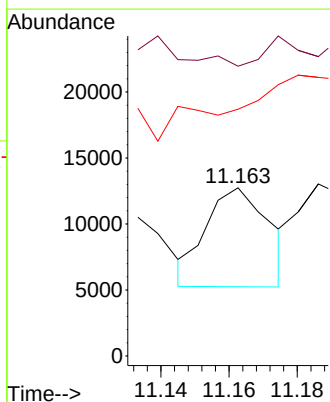
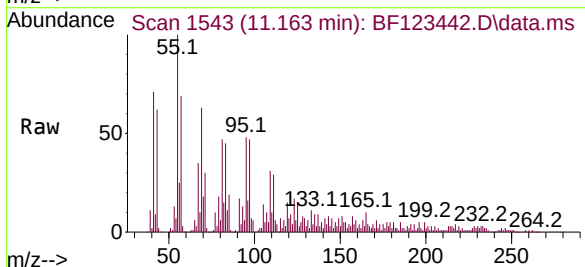
Instrument :
BNA_F
ClientSampled :
248-250

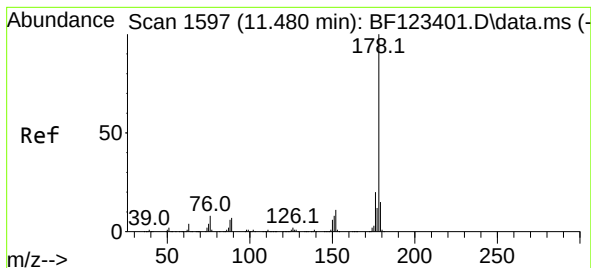
Tgt Ion:169 Resp: 45187
Ion Ratio Lower Upper
169 100
168 22.3 54.2 81.2#
167 17.4 29.2 43.8#



#69
Atrazine
Concen: 2.44 ng
RT: 11.163 min Scan# 1543
Delta R.T. 0.006 min
Lab File: BF123442.D
Acq: 24 Mar 2021 16:46

Tgt Ion:200 Resp: 9598
Ion Ratio Lower Upper
200 100
173 172.3 6.6 46.6#
215 146.7 28.1 68.1#

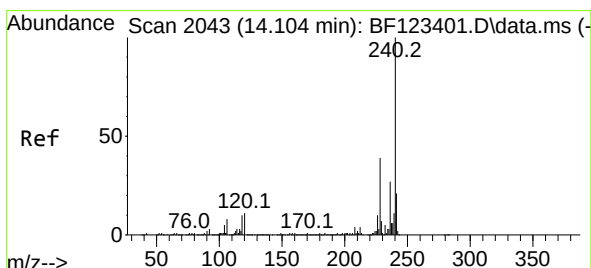
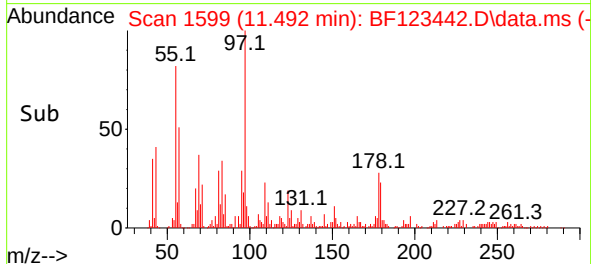
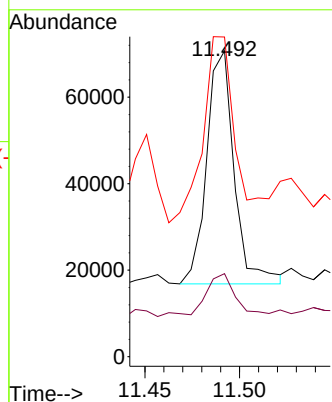
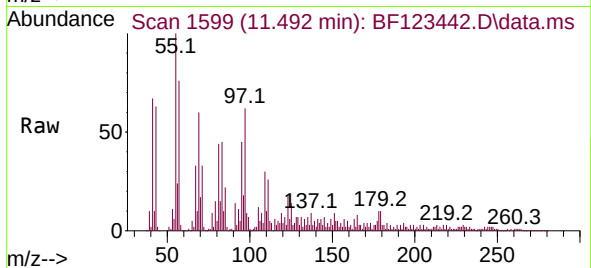




#71
Phenanthrene
Concen: 2.67 ng
RT: 11.492 min Scan# 1599
Delta R.T. 0.012 min
Lab File: BF123442.D
Acq: 24 Mar 2021 16:46

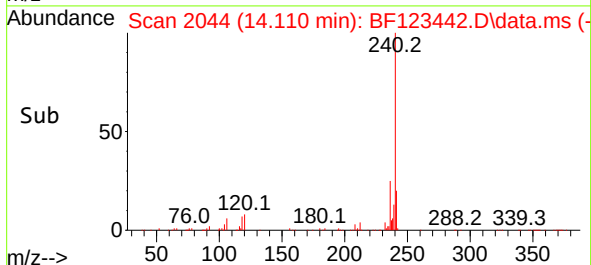
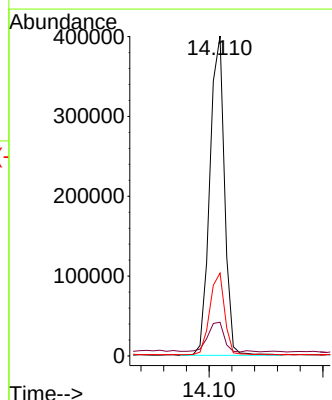
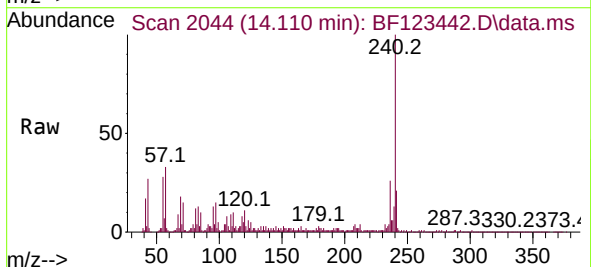
Instrument :
BNA_F
ClientSampleId :
248-250

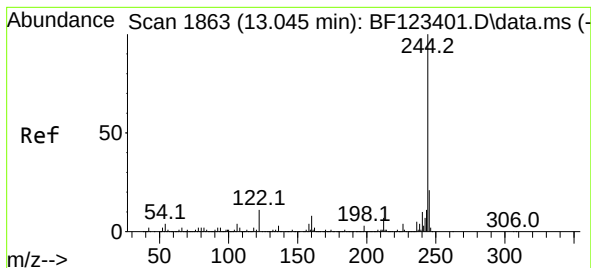
Tgt Ion:178 Resp: 54531
Ion Ratio Lower Upper
178 100
176 27.2 16.2 24.2#
179 104.5 12.7 19.1#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.110 min Scan# 2044
Delta R.T. -0.000 min
Lab File: BF123442.D
Acq: 24 Mar 2021 16:46

Tgt Ion:240 Resp: 358502
Ion Ratio Lower Upper
240 100
120 10.6 8.6 12.8
236 25.9 20.3 30.5





#79

Terphenyl-d14

Concen: 47.97 ng

RT: 13.057 min Scan# 1865

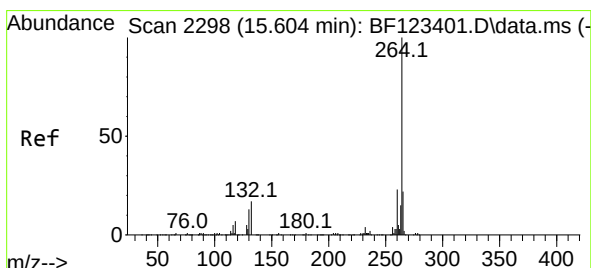
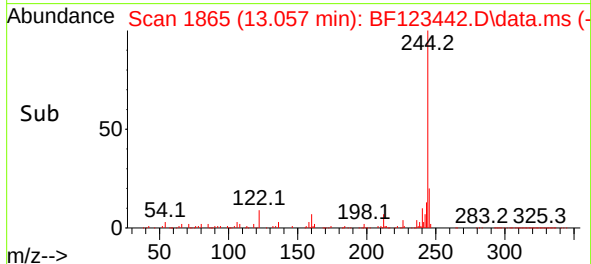
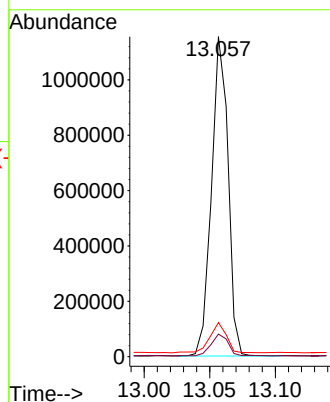
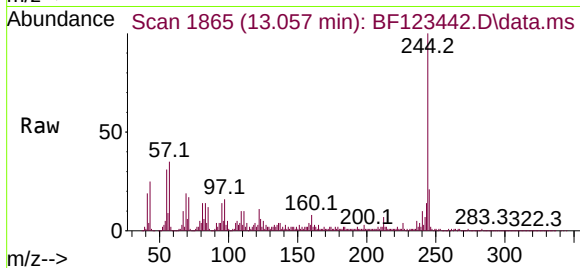
Delta R.T. 0.006 min

Lab File: BF123442.D

Acq: 24 Mar 2021 16:46

Tgt Ion:244 Resp: 1014669

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	10.7	8.3	12.5



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.609 min Scan# 2299

Delta R.T. -0.000 min

Lab File: BF123442.D

Acq: 24 Mar 2021 16:46

Tgt Ion:264 Resp: 441102

Ion	Ratio	Lower	Upper
264	100		
260	22.0	18.6	28.0
265	22.0	17.0	25.6

