

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020421\
 Data File : BF123120.D
 Acq On : 4 Feb 2021 18:51
 Operator : JU/CG
 Sample : PB134458BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB134458BL

Quant Time: Feb 04 23:31:52 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 29 12:29:00 2021
 Response via : Initial Calibration

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

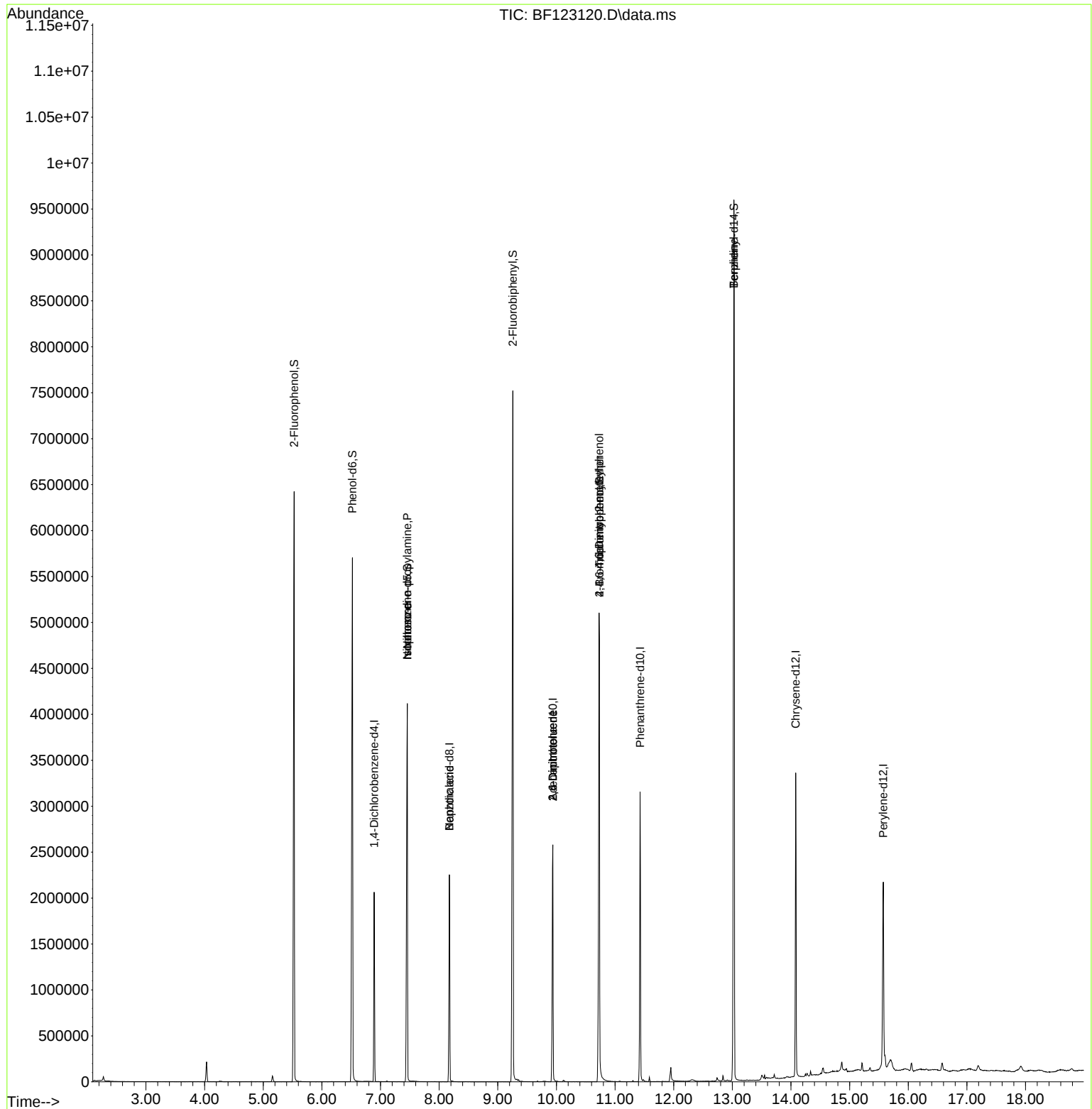
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	282875	20.00	ng	0.00
21) Naphthalene-d8	8.175	136	1124105	20.00	ng	# 0.00
39) Acenaphthene-d10	9.939	164	617708	20.00	ng	0.00
64) Phenanthrene-d10	11.427	188	1202828	20.00	ng	0.00
76) Chrysene-d12	14.080	240	1151744	20.00	ng	0.00
86) Perylene-d12	15.574	264	996327	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1959300	106.84	ng	0.02
7) Phenol-d6	6.522	99	2476704	99.64	ng	0.00
23) Nitrobenzene-d5	7.457	82	1621185	72.58	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	856116	127.67	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2949209	70.97	ng	0.00
79) Terphenyl-d14	13.027	244	3815303	65.08	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.457	70	220575	14.76	ng	# 77
25) Isophorone	7.457	82	1617203	39.53	ng	# 65
32) Benzoic acid	8.175	122	246	4.93	ng	# 1
51) 2,6-Dinitrotoluene	9.939	165	79031	7.66	ng	# 31
57) 2,4-Dinitrotoluene	9.939	165	79031	5.89	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.727	198	1627	5.20	ng	# 1
67) 4-Bromophenyl-phenylether	10.733	248	57585	3.76	ng	# 1
77) Benzidine	13.027	184	52698	2.02	ng	# 94

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

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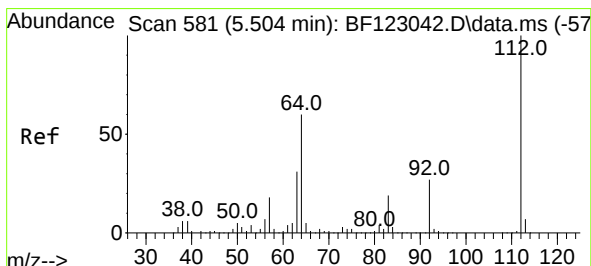
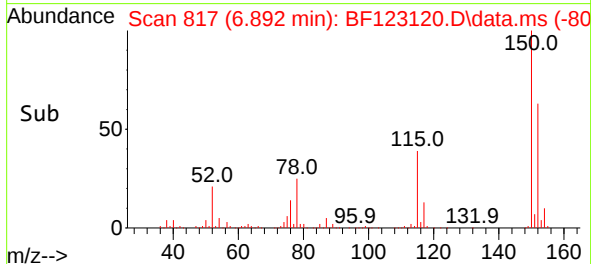
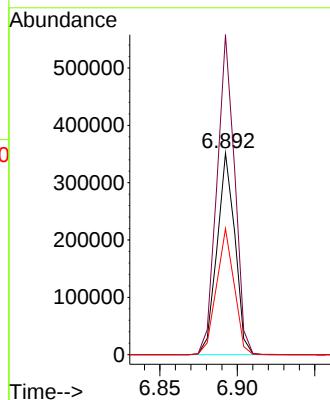
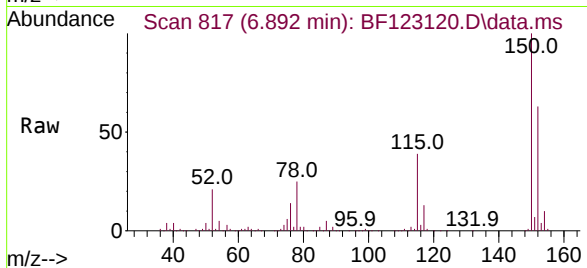




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.892 min Scan# 817
Delta R.T. 0.000 min
Lab File: BF123120.D
Acq: 4 Feb 2021 18:51

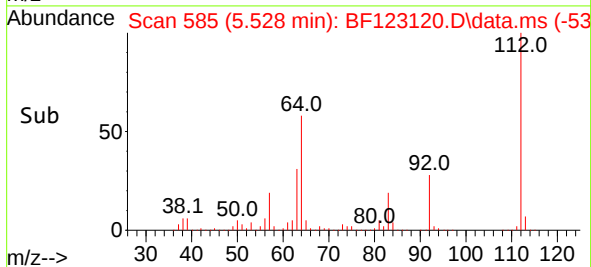
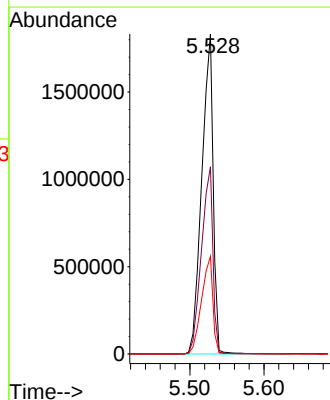
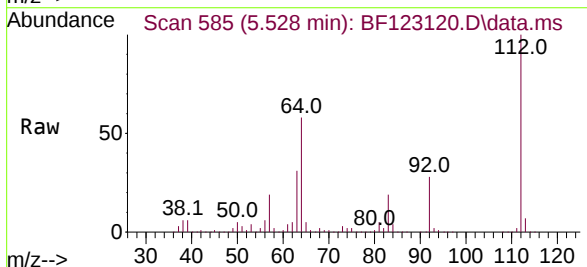
Instrument :
BNA_F
ClientSampleId :
PB134458BL

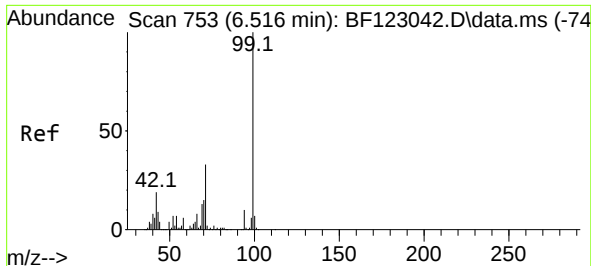
Tgt Ion:152 Resp: 282875
Ion Ratio Lower Upper
152 100
150 158.8 125.8 188.6
115 62.6 49.3 73.9



#5
2-Fluorophenol
Concen: 106.84 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.023 min
Lab File: BF123120.D
Acq: 4 Feb 2021 18:51

Tgt Ion:112 Resp: 1959300
Ion Ratio Lower Upper
112 100
64 58.5 46.9 70.3
63 30.5 24.5 36.7

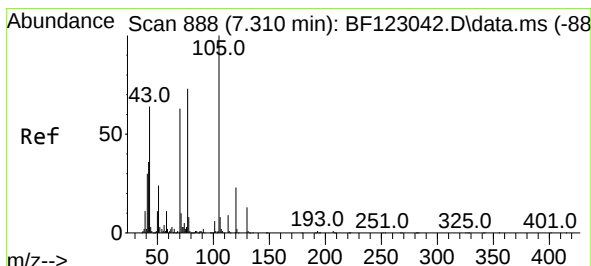
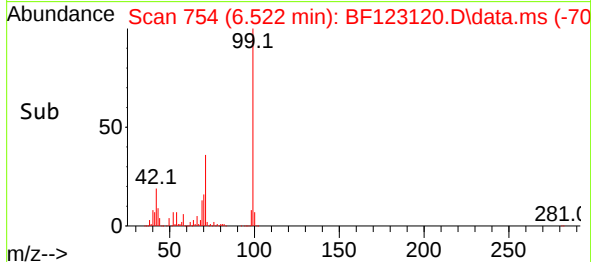
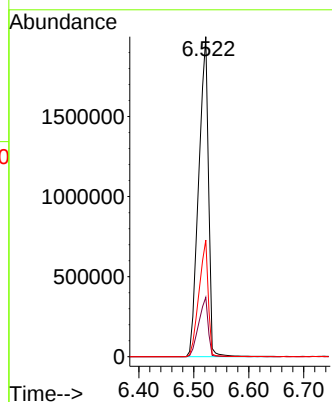
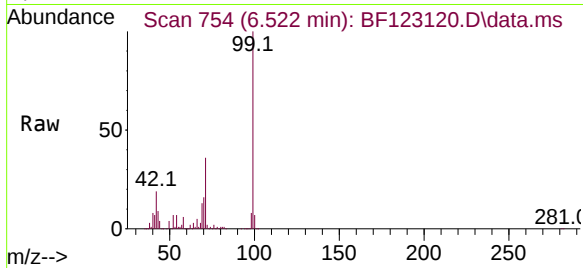




#7
Phenol-d6
Concen: 99.64 ng
RT: 6.522 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF123120.D
Acq: 4 Feb 2021 18:51

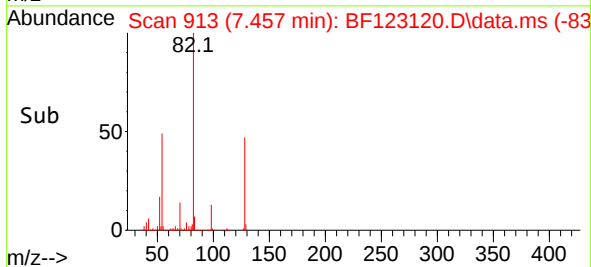
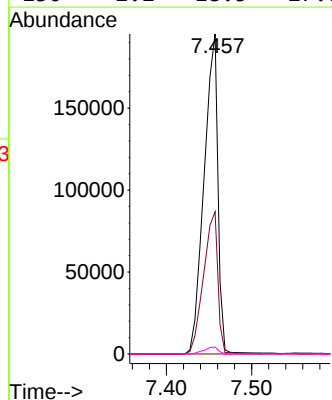
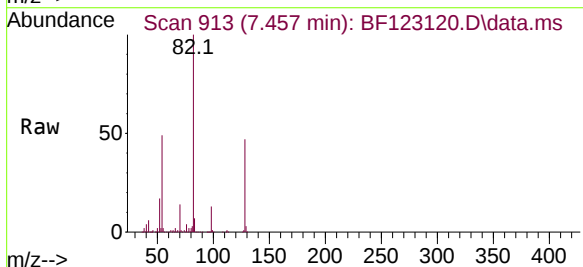
Instrument :
BNA_F
ClientSampleId :
PB134458BL

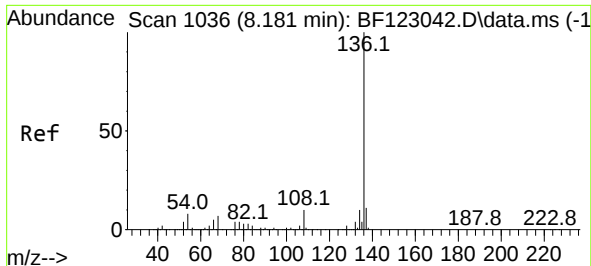
Tgt Ion: 99 Resp: 2476704
Ion Ratio Lower Upper
99 100
42 18.6 13.8 20.6
71 36.4 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 14.76 ng
RT: 7.457 min Scan# 913
Delta R.T. 0.147 min
Lab File: BF123120.D
Acq: 4 Feb 2021 18:51

Tgt Ion: 70 Resp: 220575
Ion Ratio Lower Upper
70 100
42 44.4 43.0 64.4
101 0.0 7.9 11.9#
130 2.2 18.5 27.7#

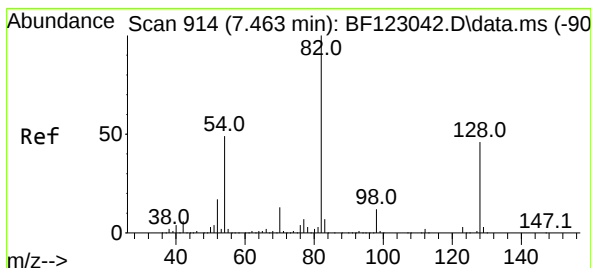
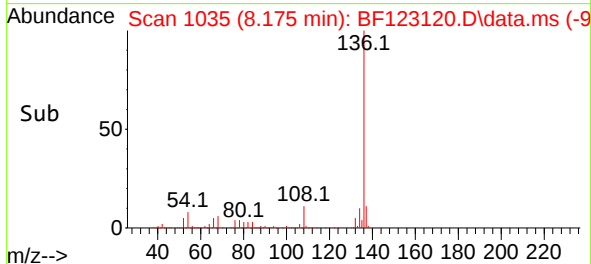
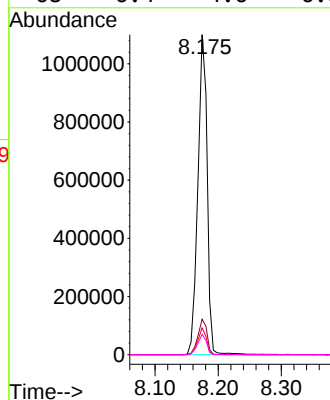
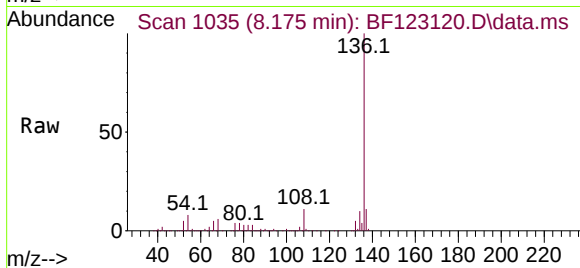




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF123120.D
Acq: 4 Feb 2021 18:51

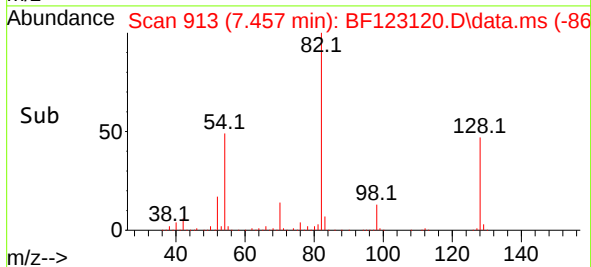
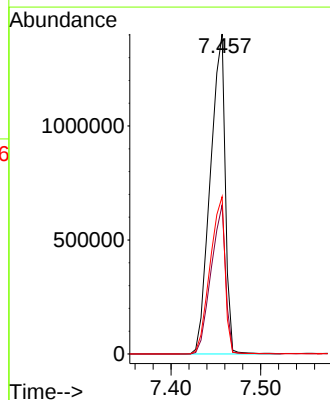
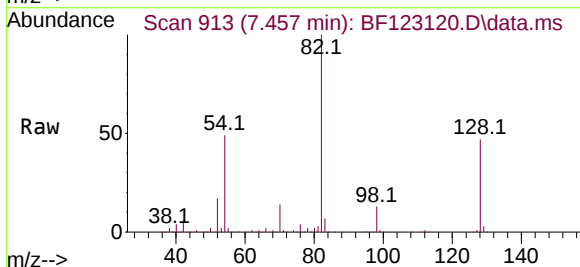
Instrument :
BNA_F
ClientSampleId :
PB134458BL

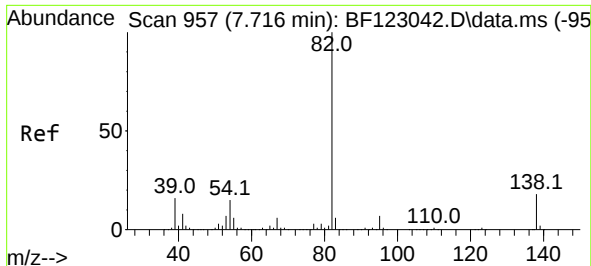
Tgt Ion:136 Resp: 1124105
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.4 5.5 8.3#
68 6.4 4.6 6.8



#23
Nitrobenzene-d5
Concen: 72.58 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF123120.D
Acq: 4 Feb 2021 18:51

Tgt Ion: 82 Resp: 1621185
Ion Ratio Lower Upper
82 100
128 46.5 37.0 55.4
54 49.2 38.4 57.6

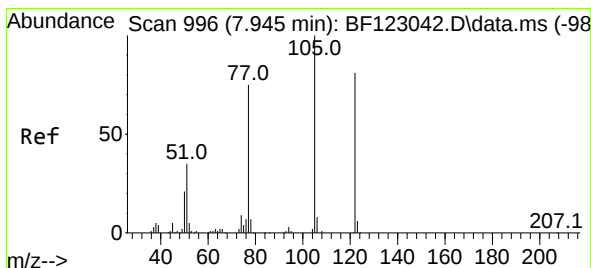
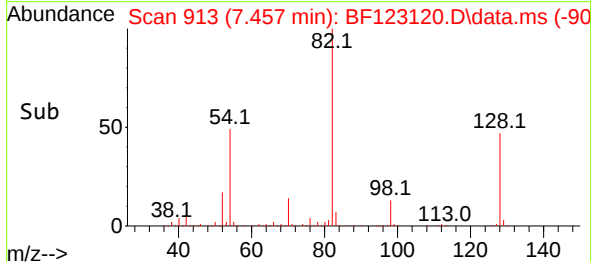
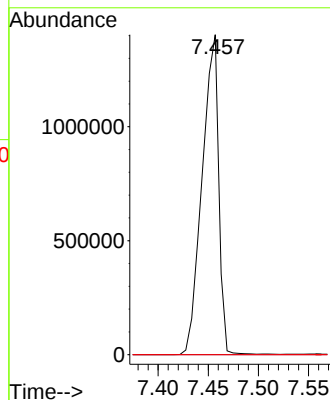
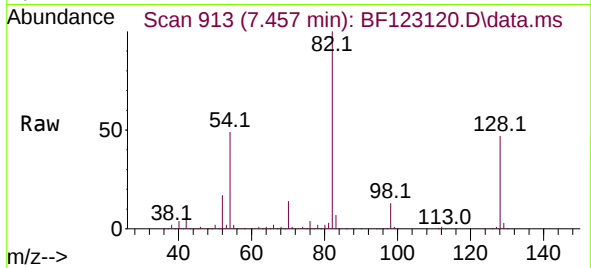




#25
Isophorone
Concen: 39.53 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.259 min
Lab File: BF123120.D
Acq: 4 Feb 2021 18:51

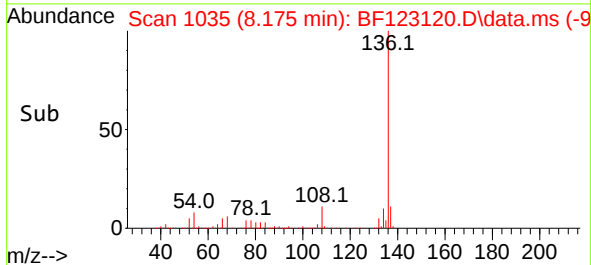
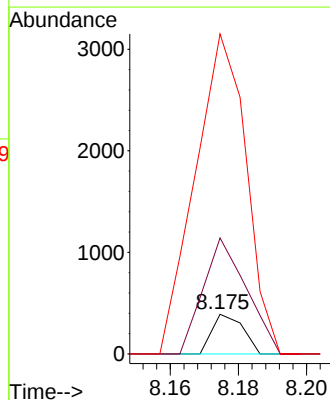
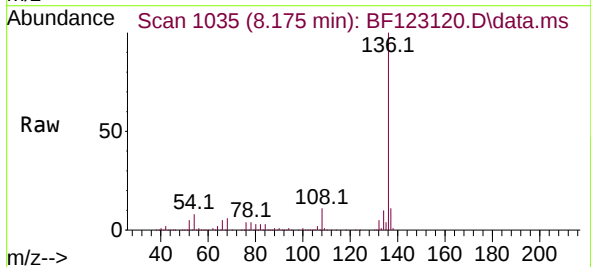
Instrument :
BNA_F
ClientSampleId :
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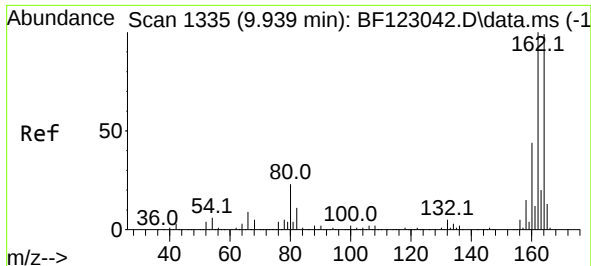
Tgt Ion: 82 Resp: 1617203
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 4.93 ng
RT: 8.175 min Scan# 1035
Delta R.T. 0.230 min
Lab File: BF123120.D
Acq: 4 Feb 2021 18:51

Tgt Ion:122 Resp: 246
Ion Ratio Lower Upper
122 100
105 292.1 104.8 144.8#
77 805.9 71.0 111.0#

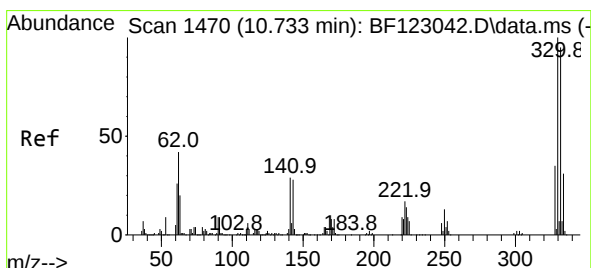
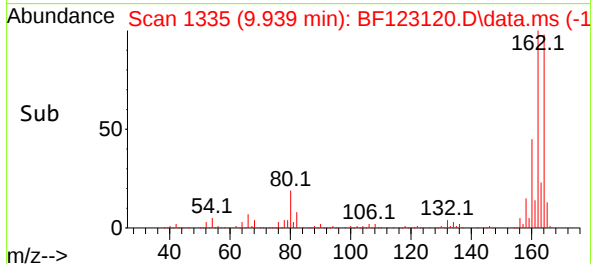
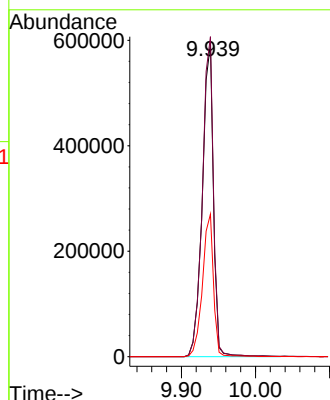
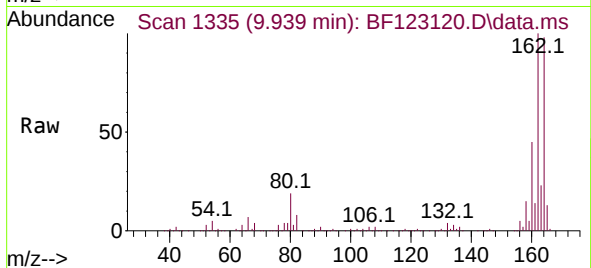




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF123120.D
Acq: 4 Feb 2021 18:51

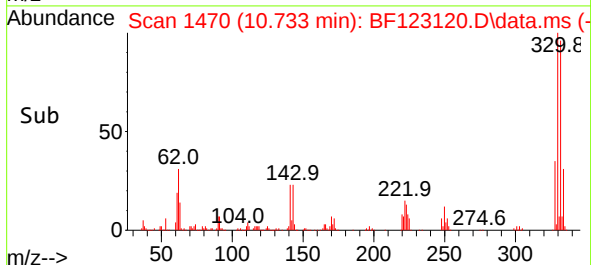
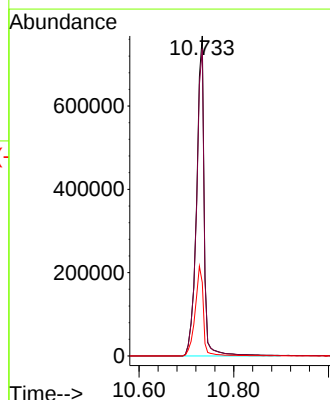
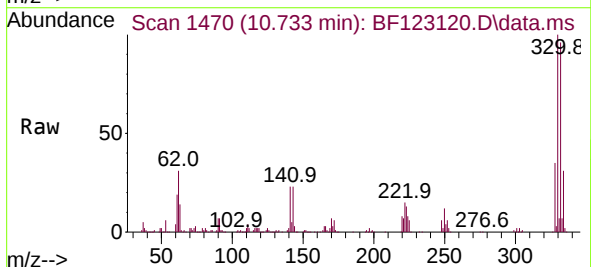
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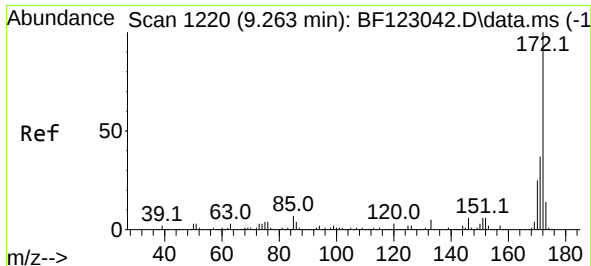
Tgt Ion:164 Resp: 617708
Ion Ratio Lower Upper
164 100
162 102.2 80.8 121.2
160 45.5 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 127.67 ng
RT: 10.733 min Scan# 1470
Delta R.T. -0.000 min
Lab File: BF123120.D
Acq: 4 Feb 2021 18:51

Tgt Ion:330 Resp: 856116
Ion Ratio Lower Upper
330 100
332 97.5 77.5 116.3
141 30.5 23.8 35.8

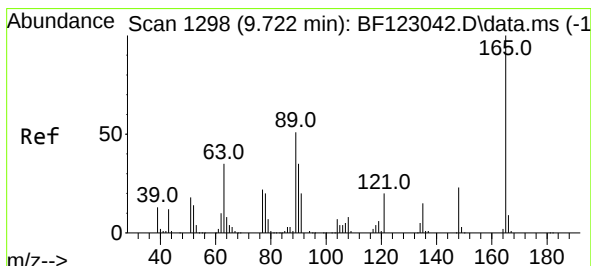
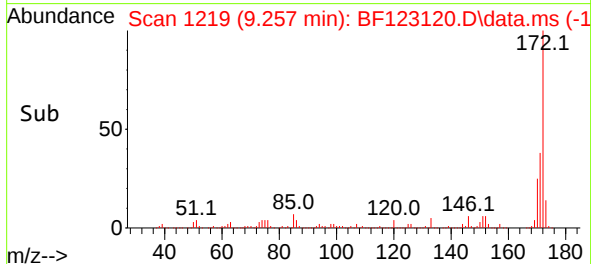
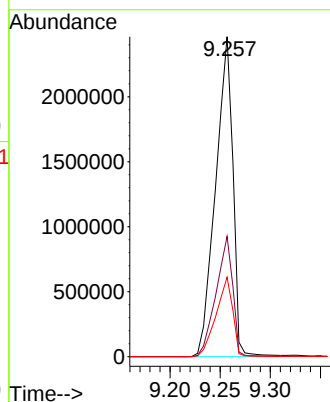
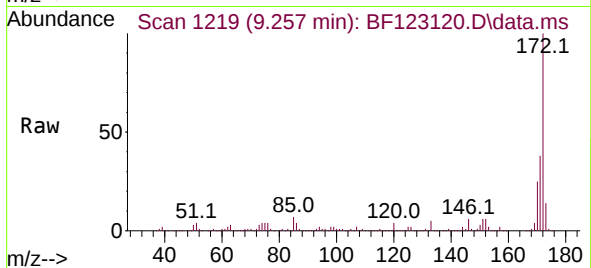




#45
2-Fluorobiphenyl
Concen: 70.97 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF123120.D
Acq: 4 Feb 2021 18:51

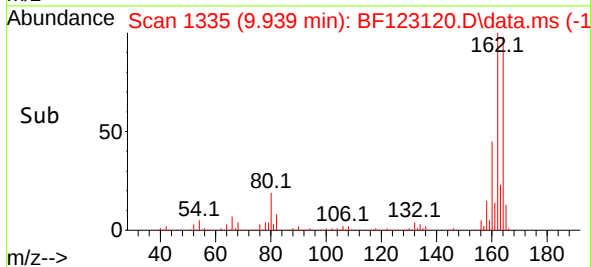
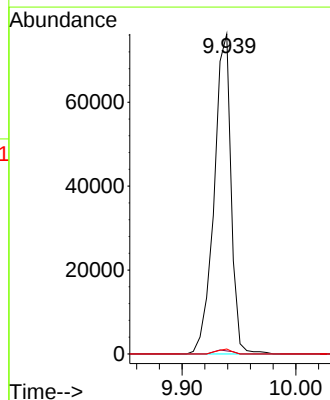
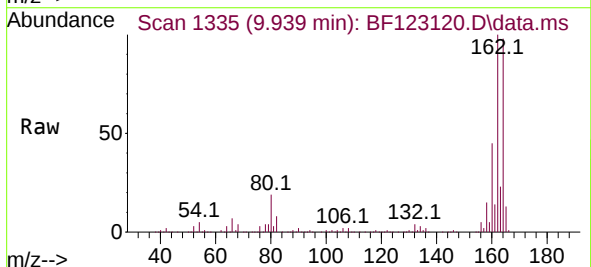
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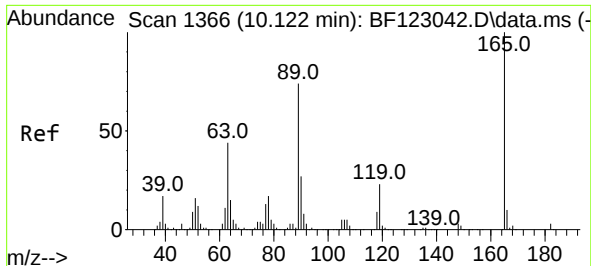
Tgt Ion:172 Resp: 2949209
Ion Ratio Lower Upper
172 100
171 37.6 29.6 44.4
170 24.8 19.5 29.3



#51
2,6-Dinitrotoluene
Concen: 7.66 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.218 min
Lab File: BF123120.D
Acq: 4 Feb 2021 18:51

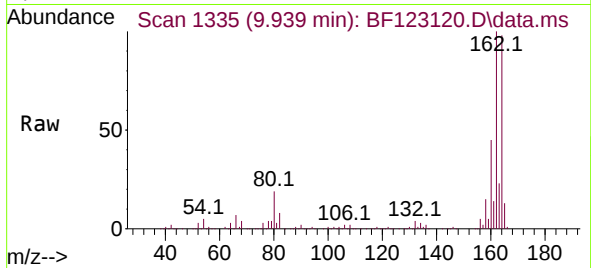
Tgt Ion:165 Resp: 79031
Ion Ratio Lower Upper
165 100
63 1.0 36.6 55.0#
89 1.6 39.4 59.0#



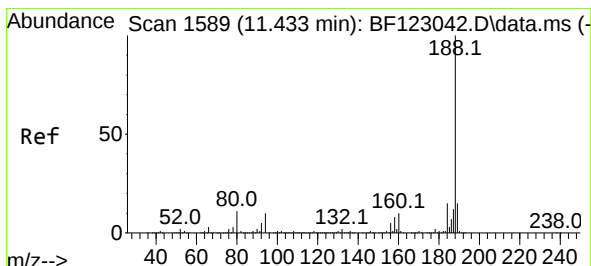
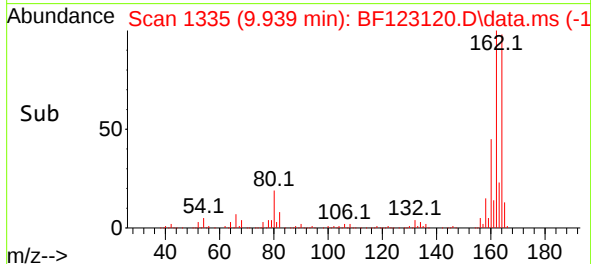
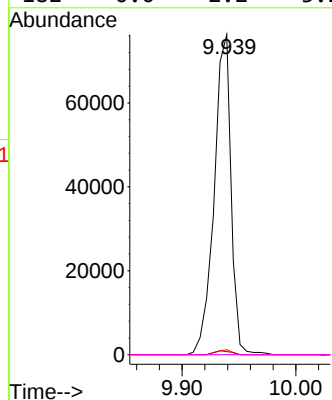


#57
2,4-Dinitrotoluene
Concen: 5.89 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.182 min
Lab File: BF123120.D
Acq: 4 Feb 2021 18:51

Instrument :
BNA_F
ClientSampleId :
PB134458BL

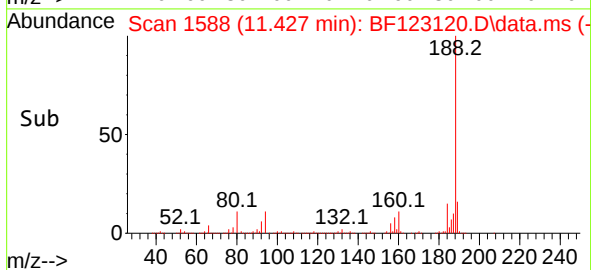
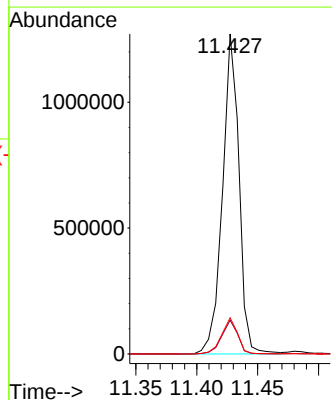
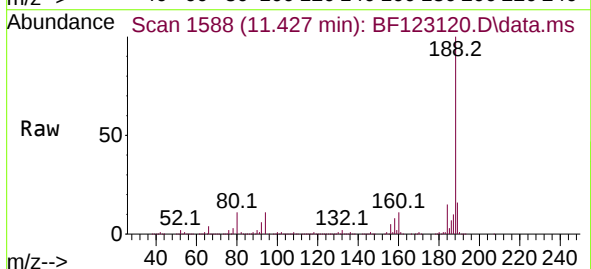


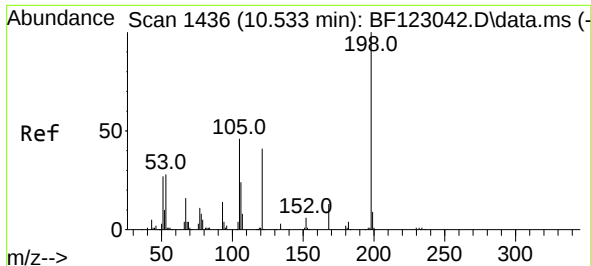
Tgt Ion:165 Resp: 79031
Ion Ratio Lower Upper
165 100
63 1.0 34.3 51.5#
89 1.6 55.2 82.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.427 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF123120.D
Acq: 4 Feb 2021 18:51

Tgt Ion:188 Resp: 1202828
Ion Ratio Lower Upper
188 100
94 10.5 7.4 11.2
80 11.3 8.2 12.4

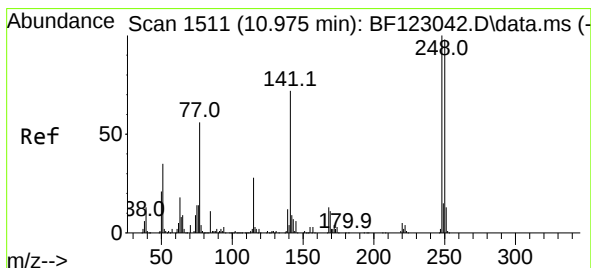
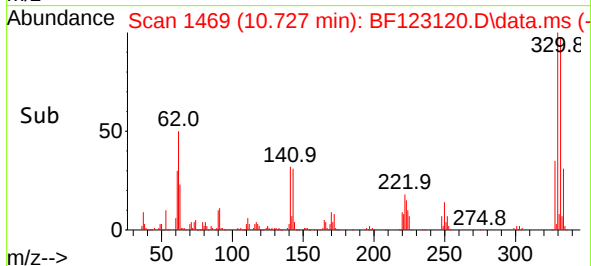
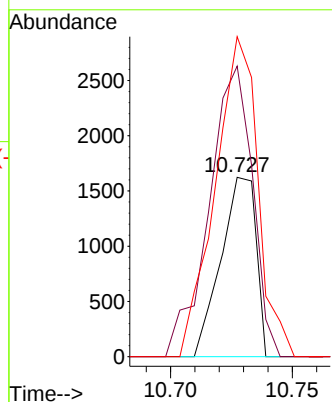
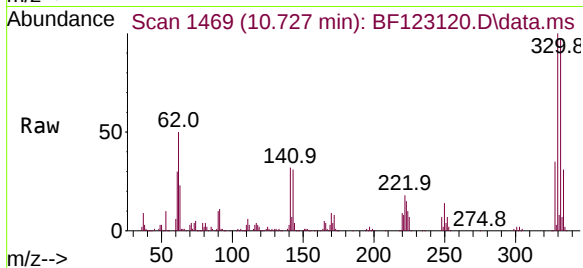




#65
4,6-Dinitro-2-methylphenol
Concen: 5.20 ng
RT: 10.727 min Scan# 1469
Delta R.T. 0.194 min
Lab File: BF123120.D
Acq: 4 Feb 2021 18:51

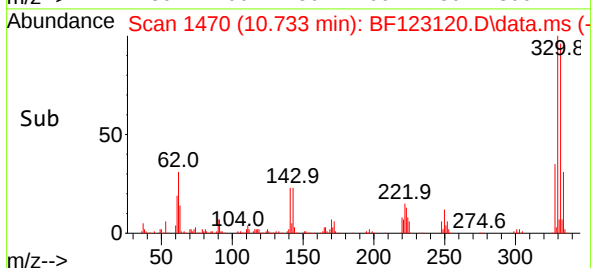
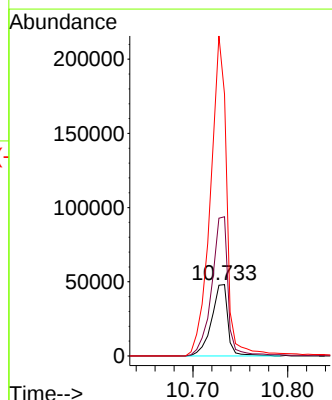
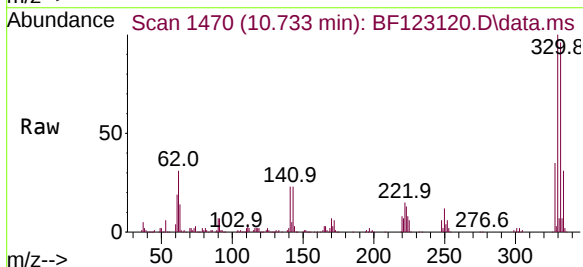
Instrument :
BNA_F
ClientSampleId :
PB134458BL

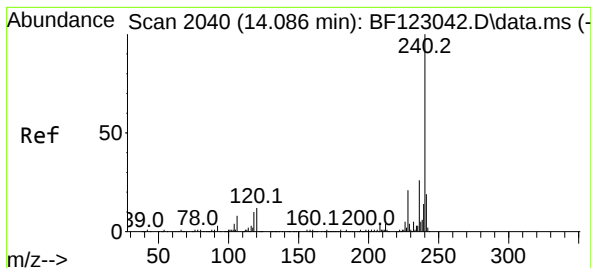
Tgt Ion:198 Resp: 1627
Ion Ratio Lower Upper
198 100
51 162.0 20.3 60.3#
105 178.4 23.0 63.0#



#67
4-Bromophenyl-phenylether
Concen: 3.76 ng
RT: 10.733 min Scan# 1470
Delta R.T. -0.241 min
Lab File: BF123120.D
Acq: 4 Feb 2021 18:51

Tgt Ion:248 Resp: 57585
Ion Ratio Lower Upper
248 100
250 194.8 76.8 115.2#
141 366.4 59.8 89.8#

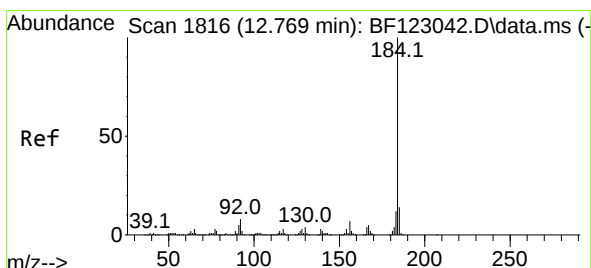
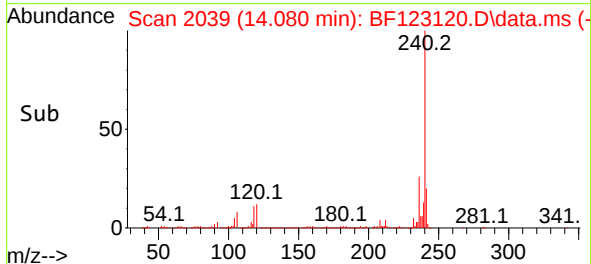
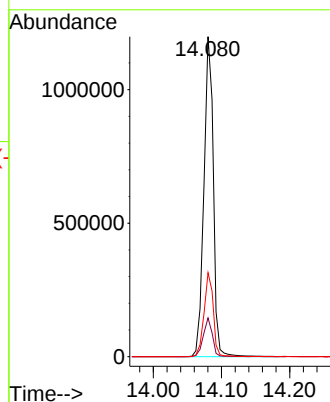
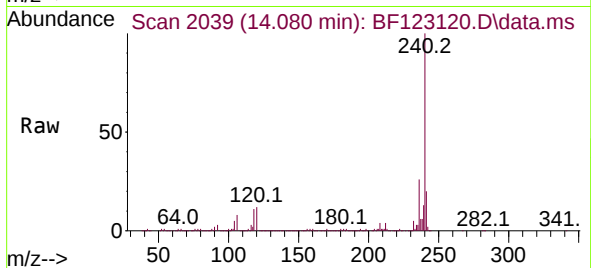




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF123120.D
Acq: 4 Feb 2021 18:51

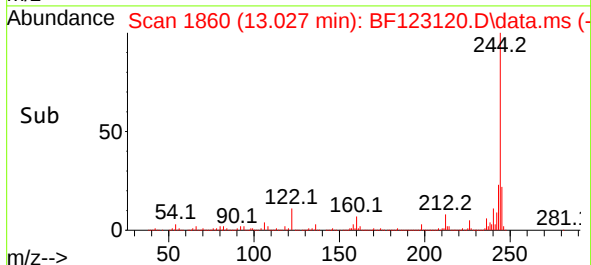
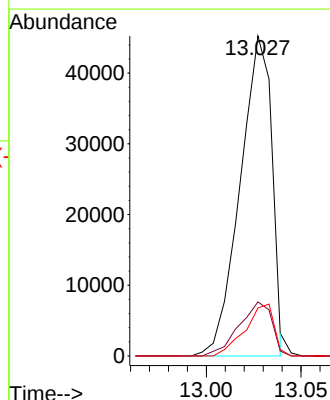
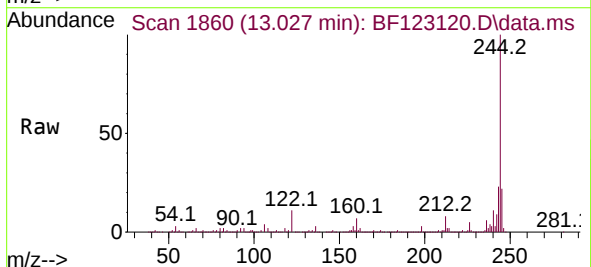
Instrument :
BNA_F
ClientSampleId :
PB134458BL

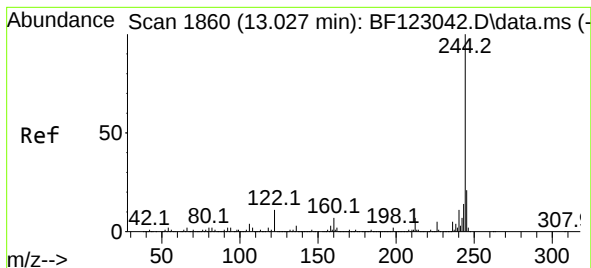
Tgt Ion:240 Resp: 1151744
Ion Ratio Lower Upper
240 100
120 12.1 8.6 12.8
236 26.3 20.3 30.5



#77
Benzidine
Concen: 2.02 ng
RT: 13.027 min Scan# 1860
Delta R.T. 0.259 min
Lab File: BF123120.D
Acq: 4 Feb 2021 18:51

Tgt Ion:184 Resp: 52698
Ion Ratio Lower Upper
184 100
185 16.9 11.8 17.6
183 15.0 9.7 14.5#





#79

Terphenyl-d14

Concen: 65.08 ng

RT: 13.027 min Scan# 1860

Delta R.T. -0.000 min

Lab File: BF123120.D

Acq: 4 Feb 2021 18:51

Instrument :

BNA_F

ClientSampleId :

PB134458BL

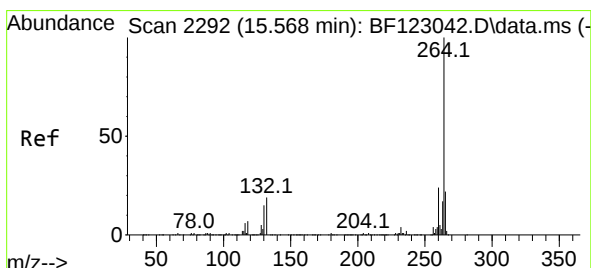
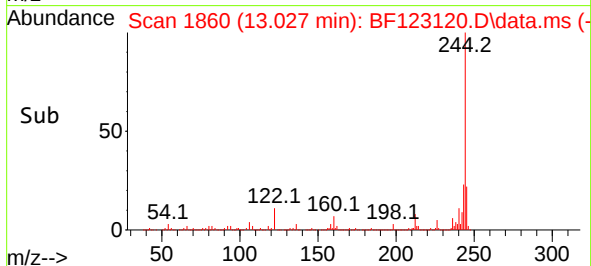
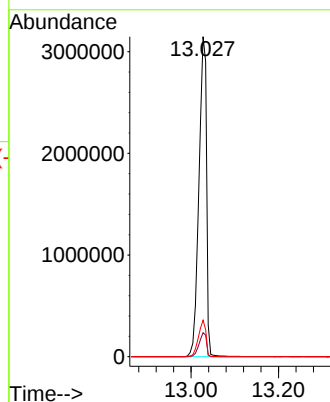
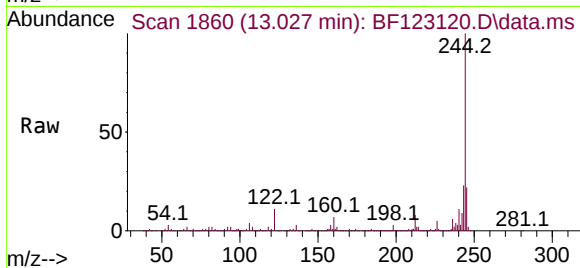
Tgt Ion:244 Resp: 3815303

Ion Ratio Lower Upper

244 100

212 7.5 5.7 8.5

122 11.4 8.3 12.5



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.574 min Scan# 2293

Delta R.T. 0.006 min

Lab File: BF123120.D

Acq: 4 Feb 2021 18:51

Tgt Ion:264 Resp: 996327

Ion Ratio Lower Upper

264 100

260 23.5 18.6 28.0

265 21.1 17.0 25.6

