

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050421\
 Data File : BF123806.D
 Acq On : 4 May 2021 13:52
 Operator : JU/CG
 Sample : PB136158BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB136158BL

Quant Time: May 04 14:22:31 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 04 12:58:27 2021
 Response via : Initial Calibration

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

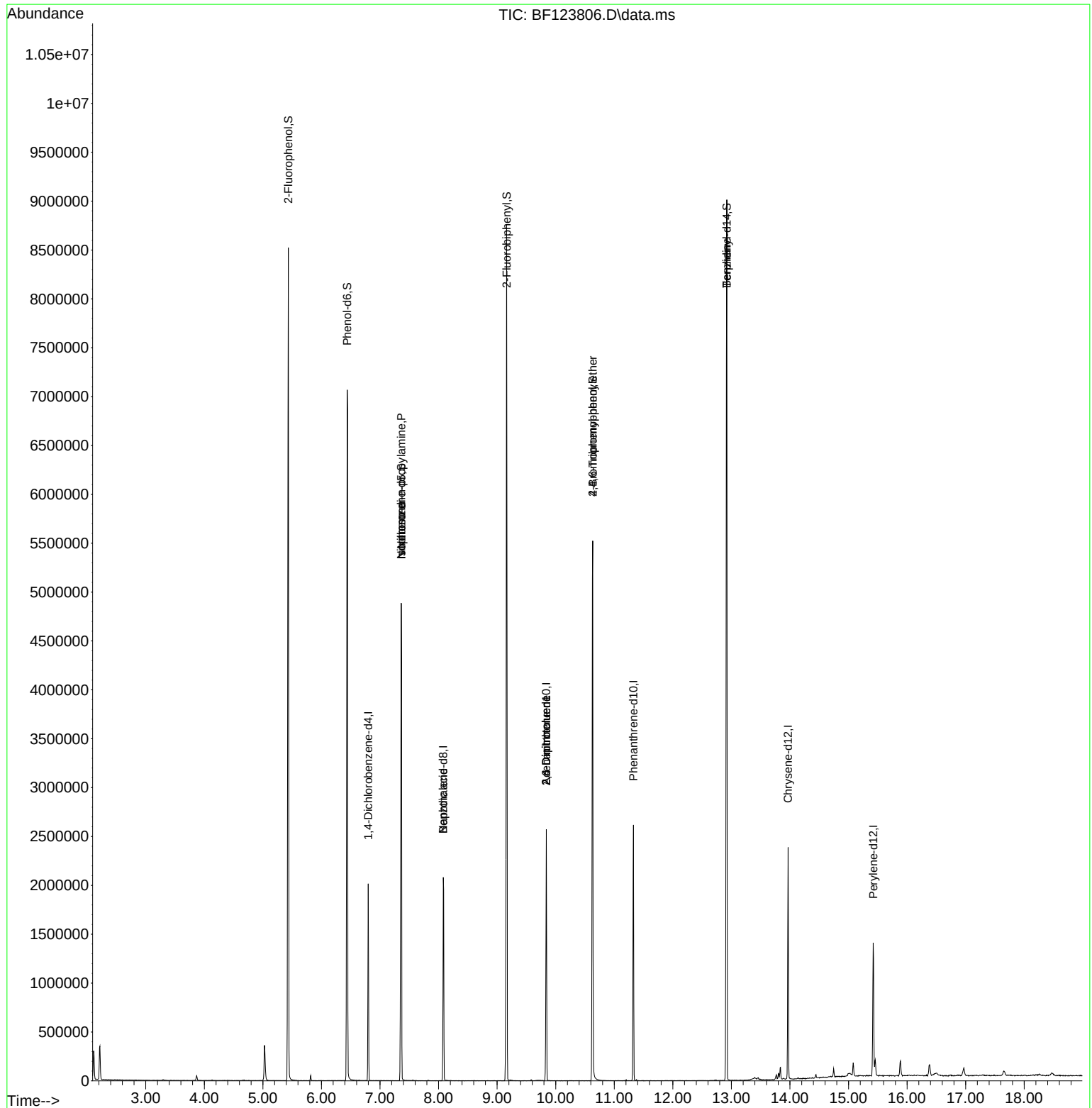
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	248894	20.00	ng	0.00
21) Naphthalene-d8	8.081	136	940403	20.00	ng	# 0.00
39) Acenaphthene-d10	9.839	164	455623	20.00	ng	0.00
64) Phenanthrene-d10	11.327	188	904887	20.00	ng	0.00
76) Chrysene-d12	13.968	240	738988	20.00	ng	0.00
86) Perylene-d12	15.421	264	603028	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1979905	126.02	ng	0.01
7) Phenol-d6	6.439	99	2576784	119.07	ng	0.00
23) Nitrobenzene-d5	7.363	82	1794340	86.13	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	716074	126.25	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	2661541	85.07	ng	0.00
79) Terphenyl-d14	12.921	244	3000475	78.19	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.363	70	242301	18.13	ng	# 77
25) Isophorone	7.363	82	1788860	45.80	ng	# 69
32) Benzoic acid	8.081	122	176	5.41	ng	# 1
51) 2,6-Dinitrotoluene	9.839	165	58468	7.88	ng	# 12
57) 2,4-Dinitrotoluene	9.839	165	58468	5.78	ng	# 17
67) 4-Bromophenyl-phenylether	10.633	248	39153	4.11	ng	# 1
77) Benzidine	12.921	184	41338	2.16	ng	98

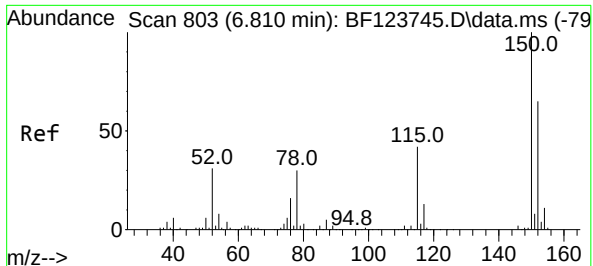
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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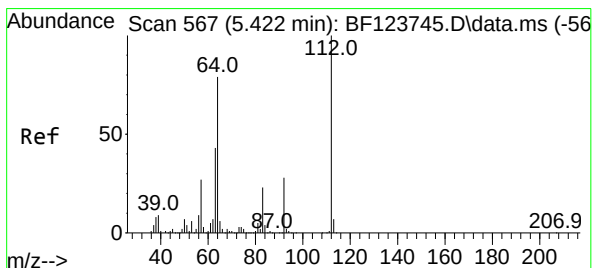
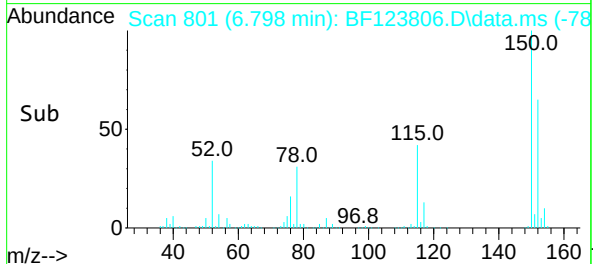
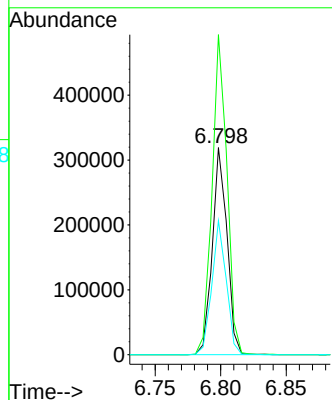
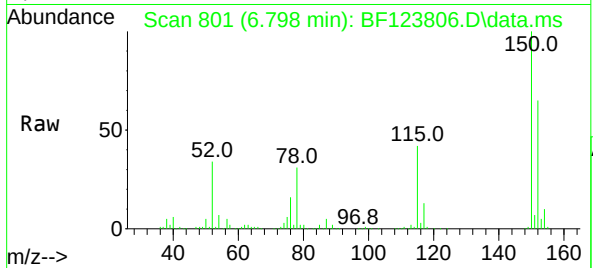




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.798 min Scan# 801
 Delta R.T. -0.006 min
 Lab File: BF123806.D
 Acq: 4 May 2021 13:52

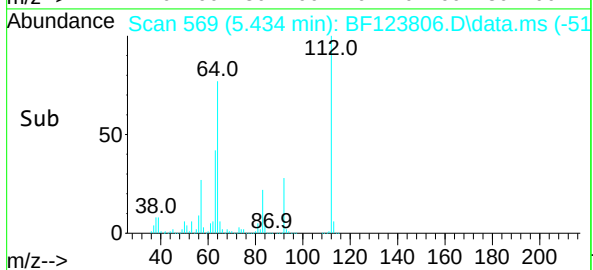
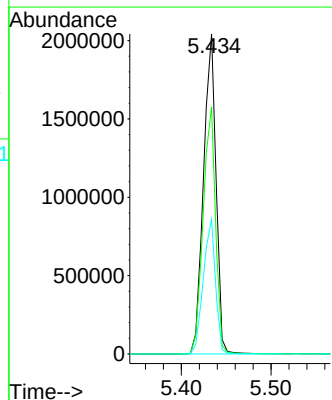
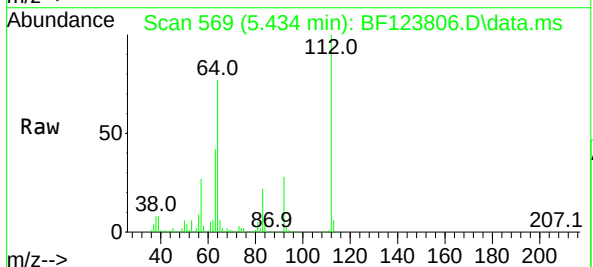
Instrument :
 BNA_F
 ClientSampleId :
 PB136158BL

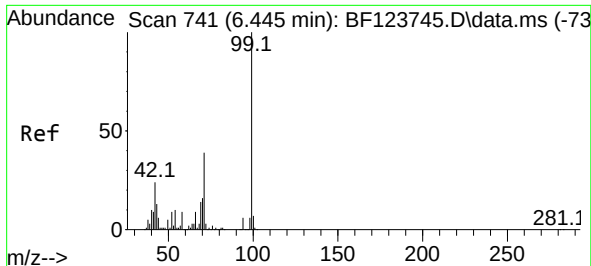
Tgt Ion:152 Resp: 248894
 Ion Ratio Lower Upper
 152 100
 150 154.6 127.0 190.6
 115 64.7 54.3 81.5



#5
 2-Fluorophenol
 Concen: 126.02 ng
 RT: 5.434 min Scan# 569
 Delta R.T. 0.012 min
 Lab File: BF123806.D
 Acq: 4 May 2021 13:52

Tgt Ion:112 Resp: 1979905
 Ion Ratio Lower Upper
 112 100
 64 77.2 61.4 92.0
 63 42.2 33.0 49.4

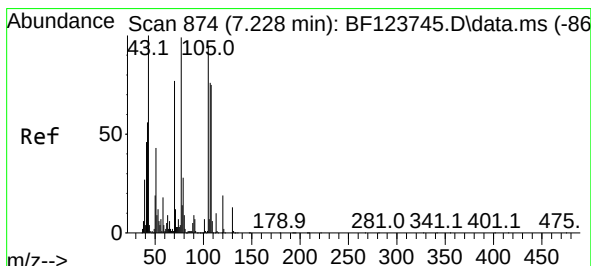
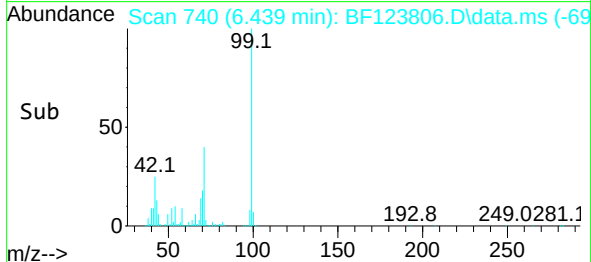
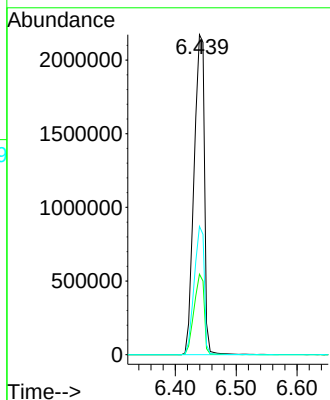
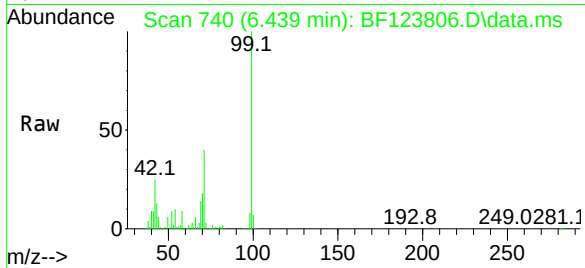




#7
Phenol-d6
Concen: 119.07 ng
RT: 6.439 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF123806.D
Acq: 4 May 2021 13:52

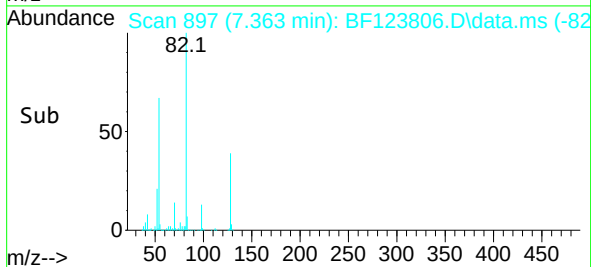
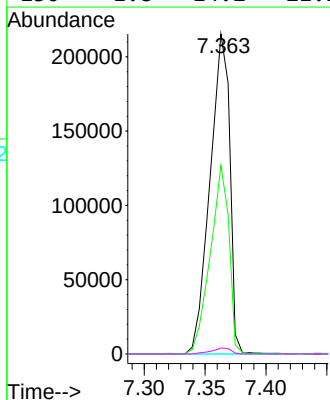
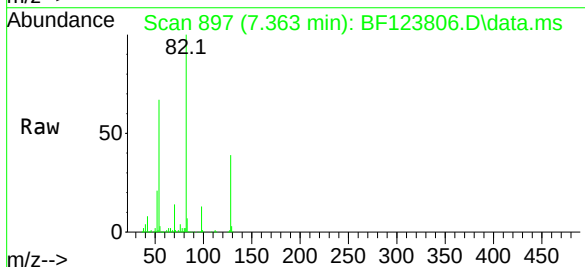
Instrument :
BNA_F
ClientSampleId :
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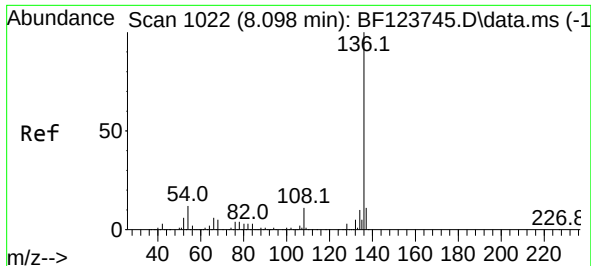
Tgt Ion: 99 Resp: 2576784
Ion Ratio Lower Upper
99 100
42 25.2 19.8 29.8
71 40.1 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 18.13 ng
RT: 7.363 min Scan# 897
Delta R.T. 0.141 min
Lab File: BF123806.D
Acq: 4 May 2021 13:52

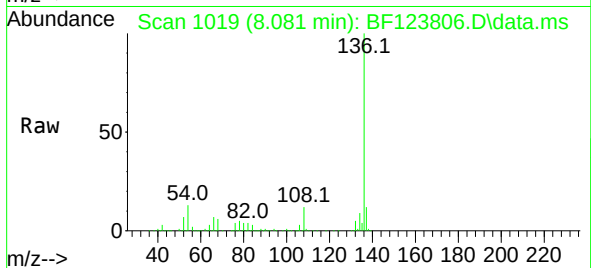
Tgt Ion: 70 Resp: 242301
Ion Ratio Lower Upper
70 100
42 59.0 60.1 90.1#
101 0.0 7.4 11.2#
130 1.8 14.2 21.2#



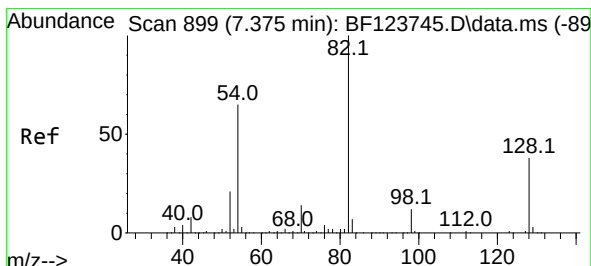
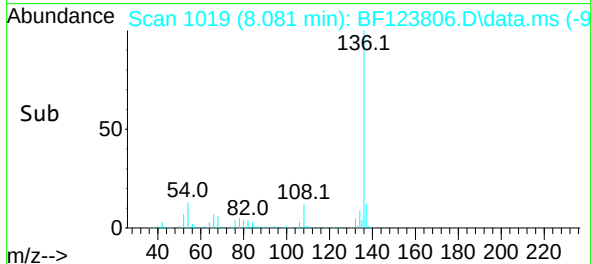
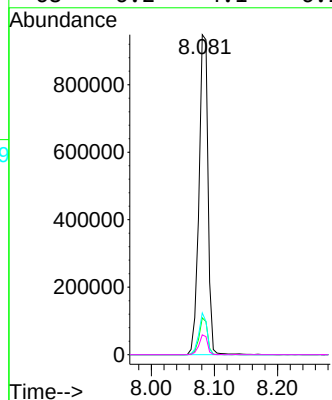


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF123806.D
Acq: 4 May 2021 13:52

Instrument :
BNA_F
ClientSampleId :
PB136158BL

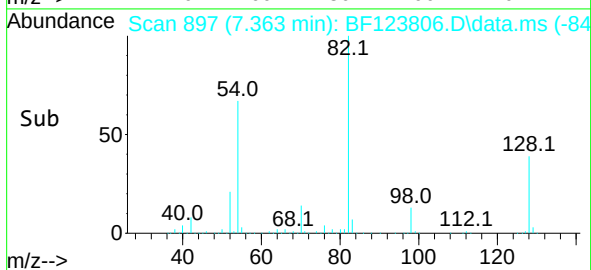
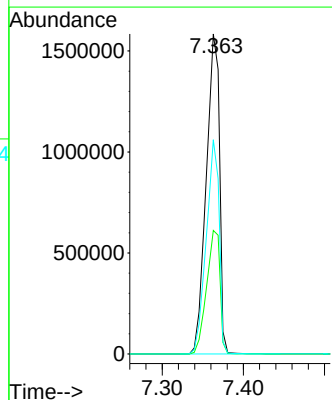
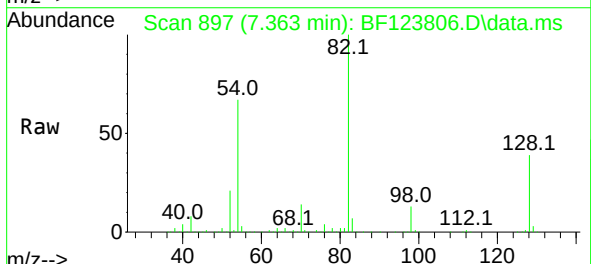


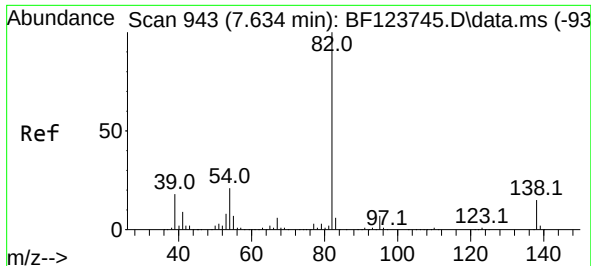
Tgt Ion:136 Resp: 940403
Ion Ratio Lower Upper
136 100
137 11.5 8.7 13.1
54 13.1 9.8 14.6
68 6.2 4.1 6.1#



#23
Nitrobenzene-d5
Concen: 86.13 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.006 min
Lab File: BF123806.D
Acq: 4 May 2021 13:52

Tgt Ion: 82 Resp: 1794340
Ion Ratio Lower Upper
82 100
128 38.6 29.4 44.2
54 67.0 54.1 81.1

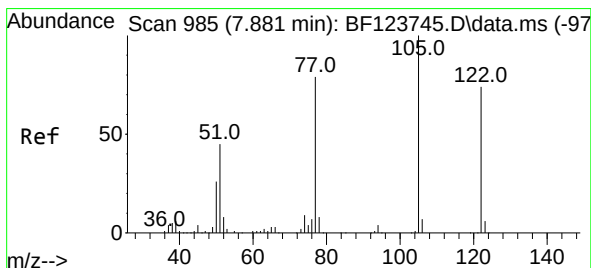
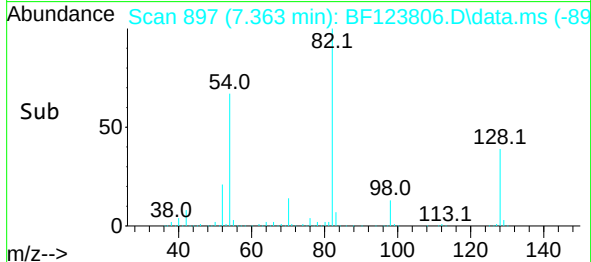
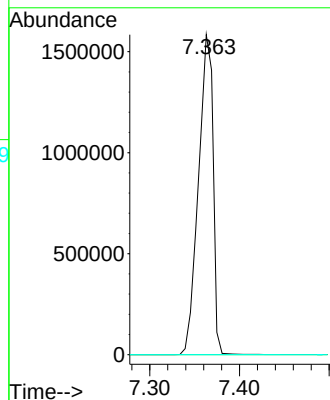
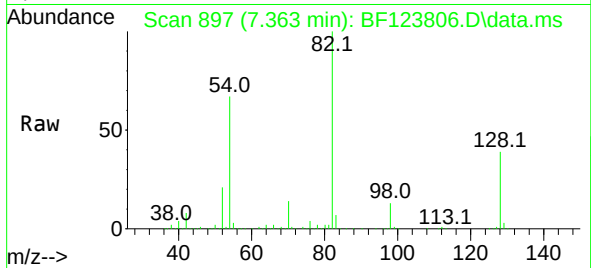




#25
Isophorone
Concen: 45.80 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.265 min
Lab File: BF123806.D
Acq: 4 May 2021 13:52

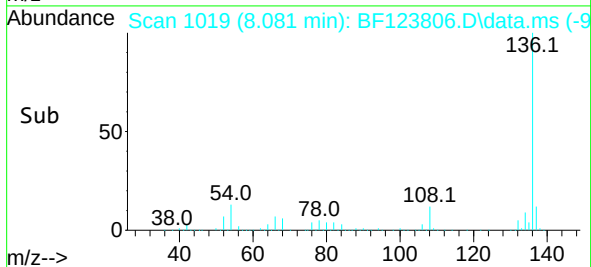
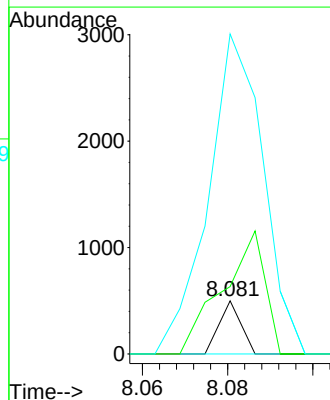
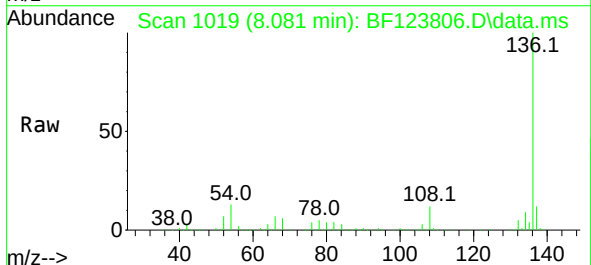
Instrument :
BNA_F
ClientSampleId :
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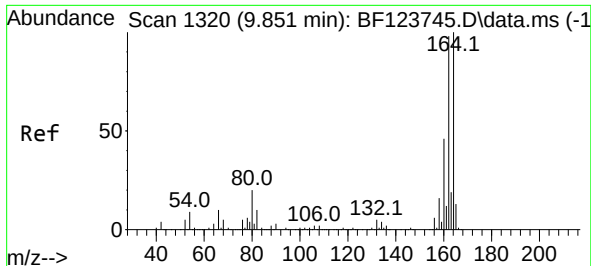
Tgt Ion: 82 Resp: 1788860
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#32
Benzoic acid
Concen: 5.41 ng
RT: 8.081 min Scan# 1019
Delta R.T. 0.200 min
Lab File: BF123806.D
Acq: 4 May 2021 13:52

Tgt Ion: 122 Resp: 176
Ion Ratio Lower Upper
122 100
105 126.6 107.8 147.8
77 601.4 81.6 121.6#

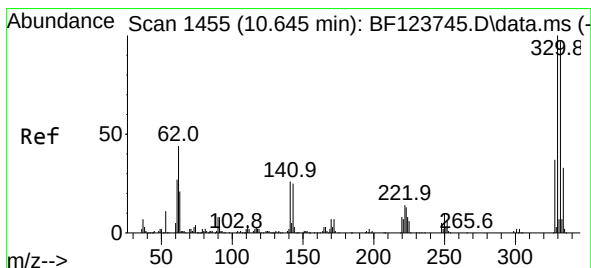
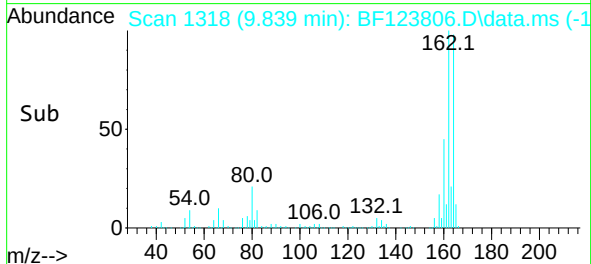
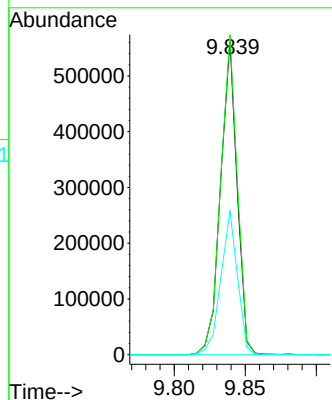
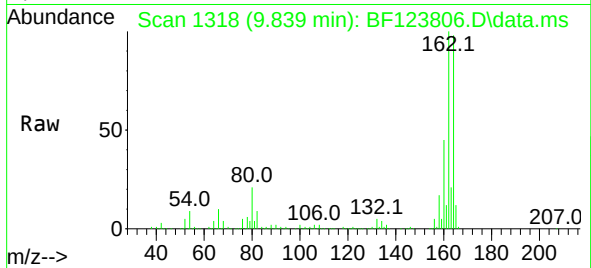




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.839 min Scan# 1318
Delta R.T. -0.006 min
Lab File: BF123806.D
Acq: 4 May 2021 13:52

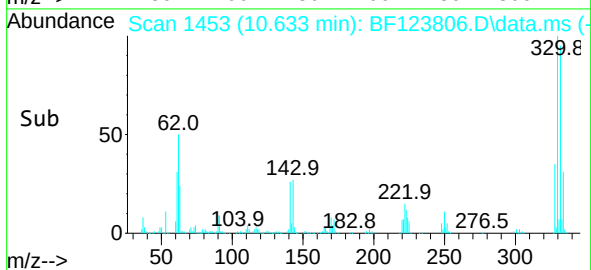
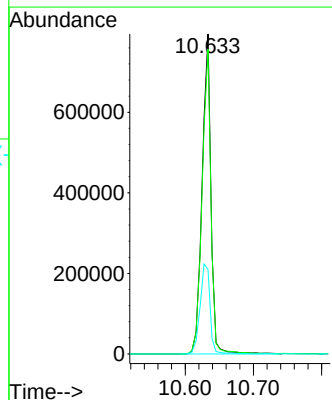
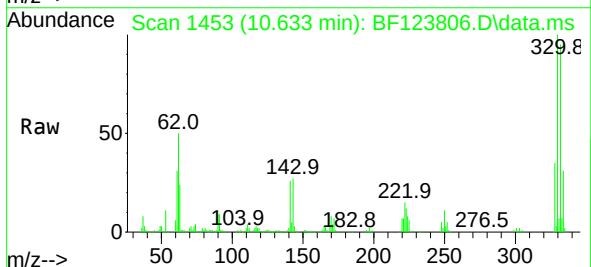
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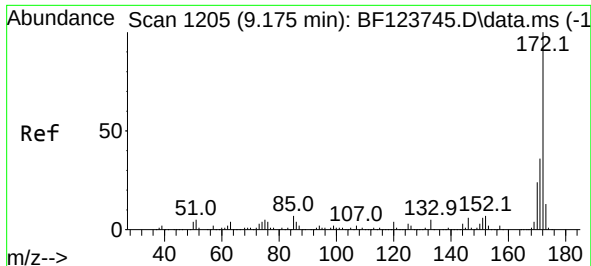
Tgt Ion:164 Resp: 455623
Ion Ratio Lower Upper
164 100
162 101.8 80.7 121.1
160 45.7 37.3 55.9



#42
2,4,6-Tribromophenol
Concen: 126.25 ng
RT: 10.633 min Scan# 1453
Delta R.T. -0.000 min
Lab File: BF123806.D
Acq: 4 May 2021 13:52

Tgt Ion:330 Resp: 716074
Ion Ratio Lower Upper
330 100
332 96.2 77.1 115.7
141 31.8 27.9 41.9

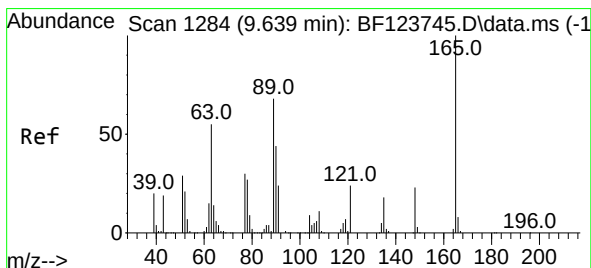
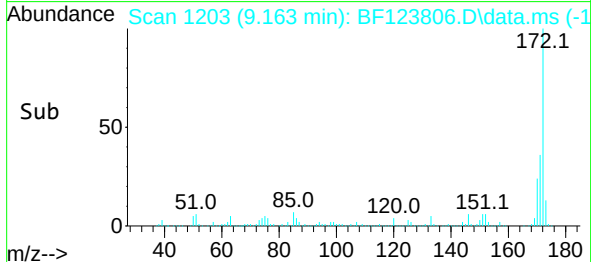
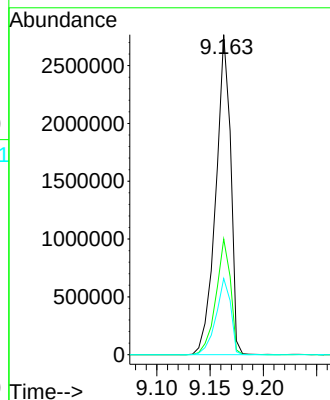
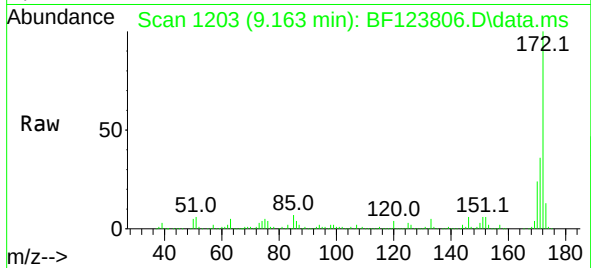




#45
2-Fluorobiphenyl
Concen: 85.07 ng
RT: 9.163 min Scan# 1203
Delta R.T. -0.006 min
Lab File: BF123806.D
Acq: 4 May 2021 13:52

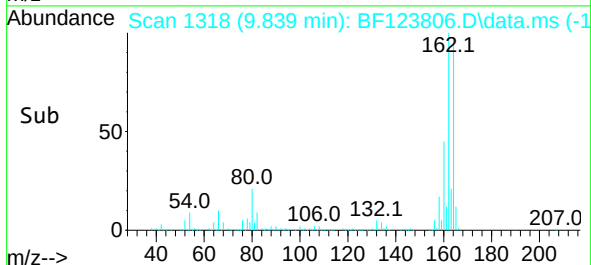
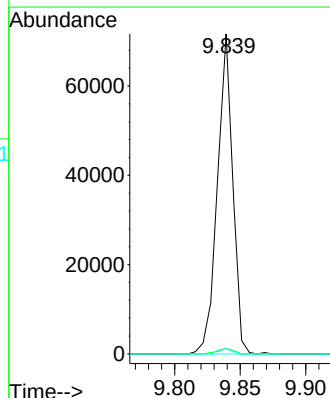
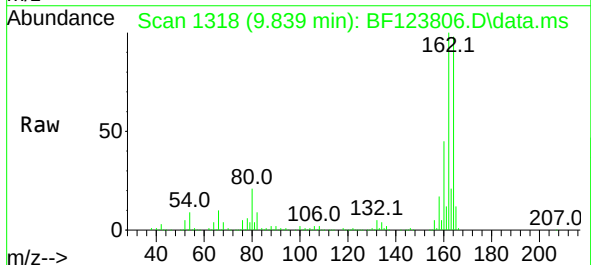
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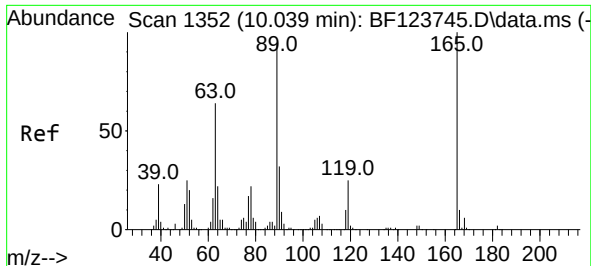
Tgt Ion:172 Resp: 2661541
Ion Ratio Lower Upper
172 100
171 36.1 28.1 42.1
170 23.8 19.2 28.8



#51
2,6-Dinitrotoluene
Concen: 7.88 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.206 min
Lab File: BF123806.D
Acq: 4 May 2021 13:52

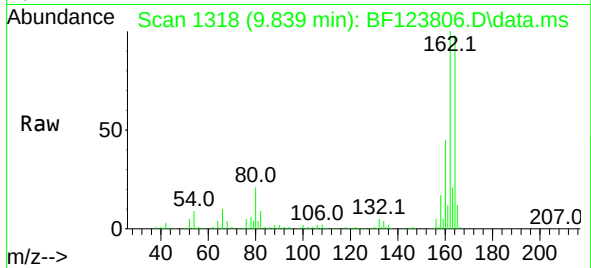
Tgt Ion:165 Resp: 58468
Ion Ratio Lower Upper
165 100
63 1.7 67.7 101.5#
89 1.7 58.8 88.2#



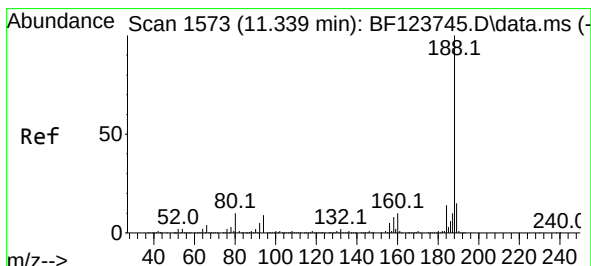
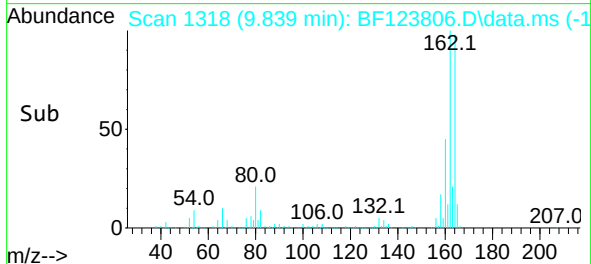
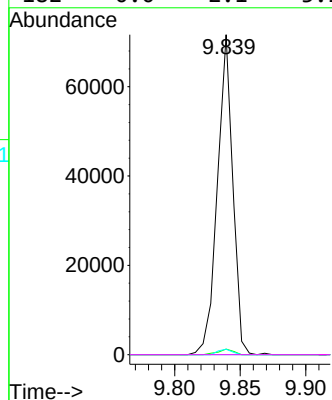


#57
2,4-Dinitrotoluene
Concen: 5.78 ng
RT: 9.839 min Scan# 1318
Delta R.T. -0.194 min
Lab File: BF123806.D
Acq: 4 May 2021 13:52

Instrument :
BNA_F
ClientSampleId :
PB136158BL

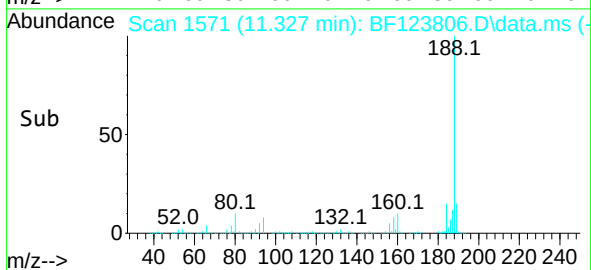
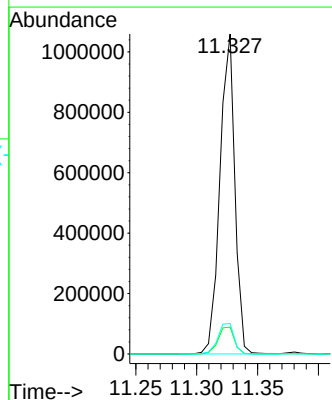
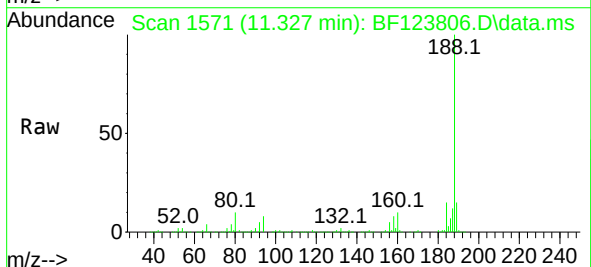


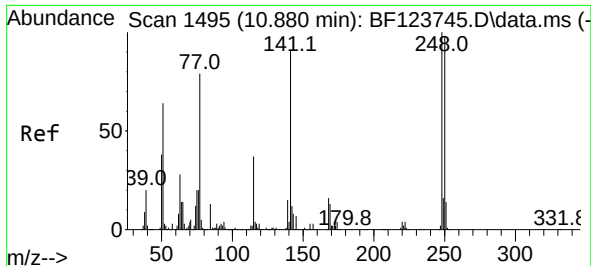
Tgt Ion:165 Resp: 58468
Ion Ratio Lower Upper
165 100
63 1.7 43.5 65.3#
89 1.7 67.7 101.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.327 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BF123806.D
Acq: 4 May 2021 13:52

Tgt Ion:188 Resp: 904887
Ion Ratio Lower Upper
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94 8.4 6.9 10.3
80 9.5 8.2 12.2

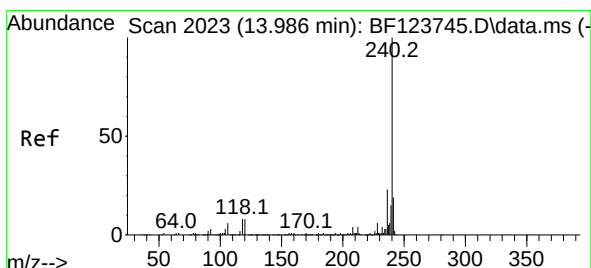
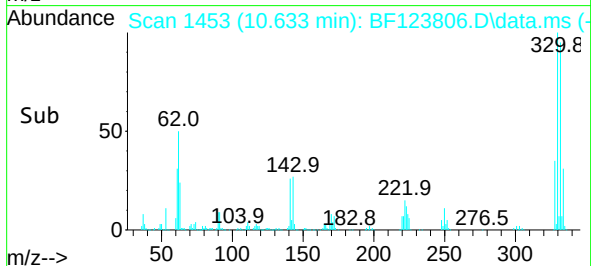
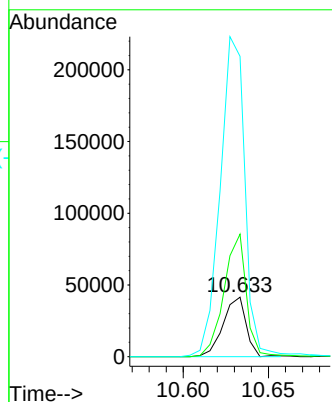
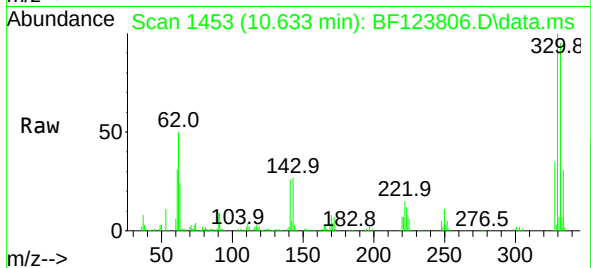




#67
4-Bromophenyl-phenylether
Concen: 4.11 ng
RT: 10.633 min Scan# 1453
Delta R.T. -0.241 min
Lab File: BF123806.D
Acq: 4 May 2021 13:52

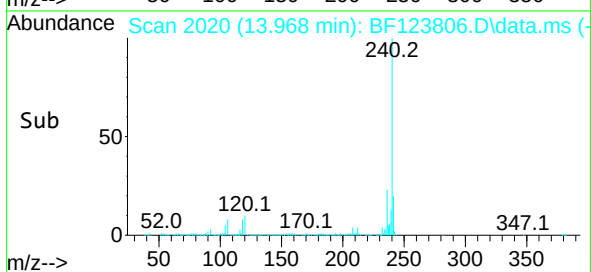
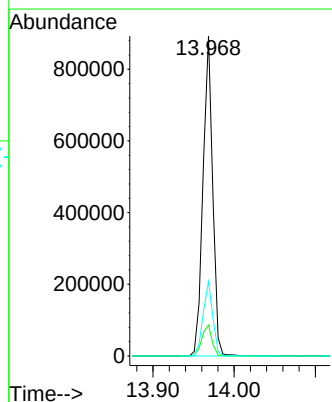
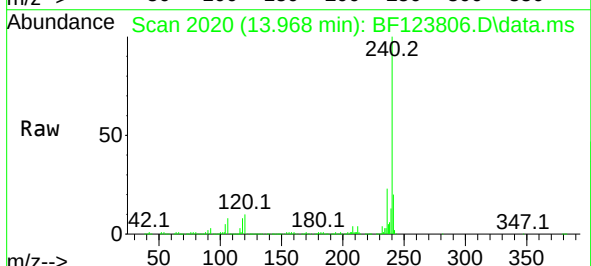
Instrument :
BNA_F
ClientSampleId :
PB136158BL

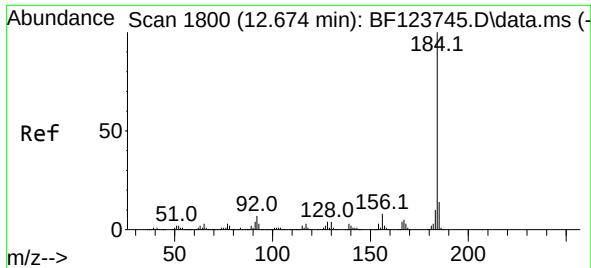
Tgt Ion:248 Resp: 39153
Ion Ratio Lower Upper
248 100
250 205.8 77.4 116.2#
141 504.2 63.7 95.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF123806.D
Acq: 4 May 2021 13:52

Tgt Ion:240 Resp: 738988
Ion Ratio Lower Upper
240 100
120 9.6 7.2 10.8
236 23.2 19.0 28.4

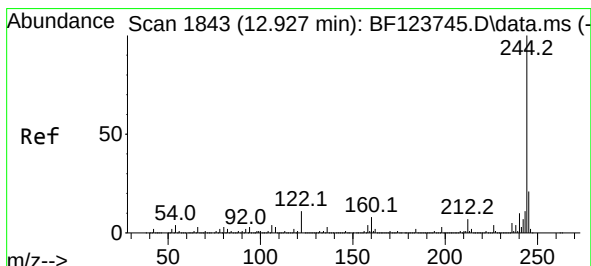
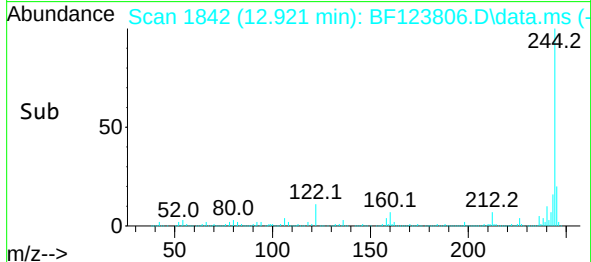
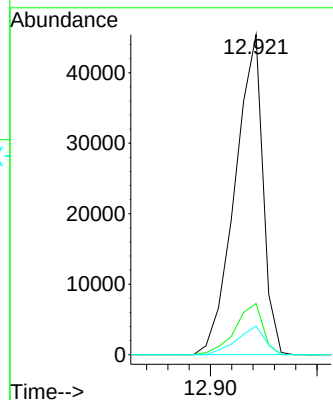
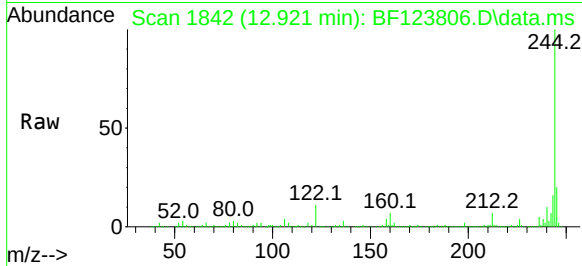




#77
Benzidine
Concen: 2.16 ng
RT: 12.921 min Scan# 1842
Delta R.T. 0.259 min
Lab File: BF123806.D
Acq: 4 May 2021 13:52

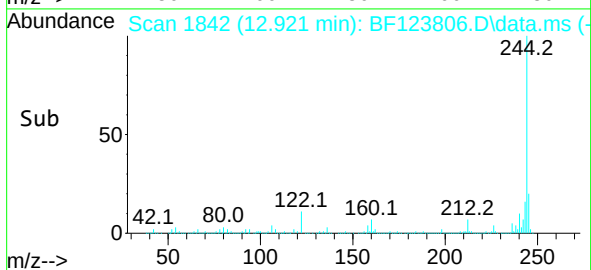
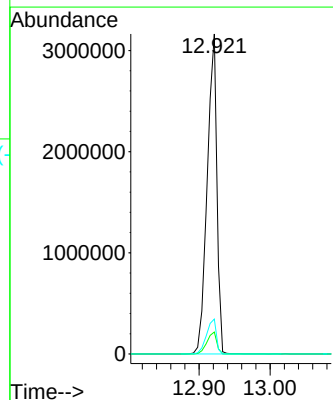
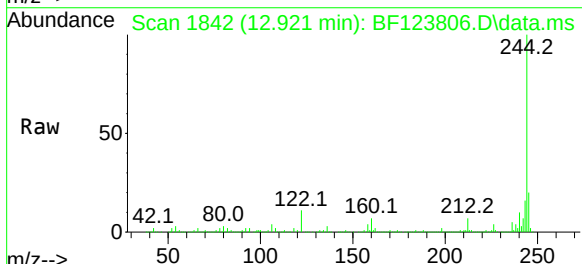
Instrument :
BNA_F
ClientSampleId :
PB136158BL

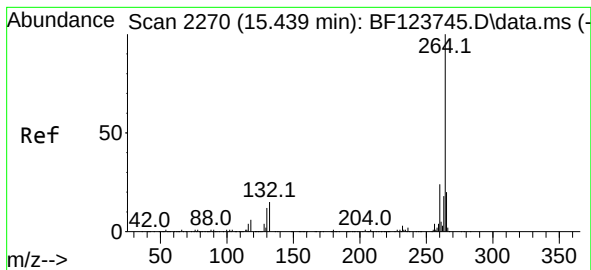
Tgt Ion:184 Resp: 41338
Ion Ratio Lower Upper
184 100
185 16.0 12.1 18.1
183 8.9 7.8 11.8



#79
Terphenyl-d14
Concen: 78.19 ng
RT: 12.921 min Scan# 1842
Delta R.T. 0.006 min
Lab File: BF123806.D
Acq: 4 May 2021 13:52

Tgt Ion:244 Resp: 3000475
Ion Ratio Lower Upper
244 100
212 6.9 5.7 8.5
122 10.9 9.7 14.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.421 min Scan# 2267
 Delta R.T. -0.006 min
 Lab File: BF123806.D
 Acq: 4 May 2021 13:52

Instrument :
 BNA_F
 ClientSampleId :
 PB136158BL

Tgt Ion:264 Resp: 603028
 Ion Ratio Lower Upper
 264 100
 260 24.9 18.7 28.1
 265 22.3 17.8 26.8

