

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122920\
 Data File : BF122866.D
 Acq On : 29 Dec 2020 15:55
 Operator : JU/CG
 Sample : PB133837BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB133837BL

Quant Time: Dec 29 18:13:24 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 15 18:14:23 2020
 Response via : Initial Calibration

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

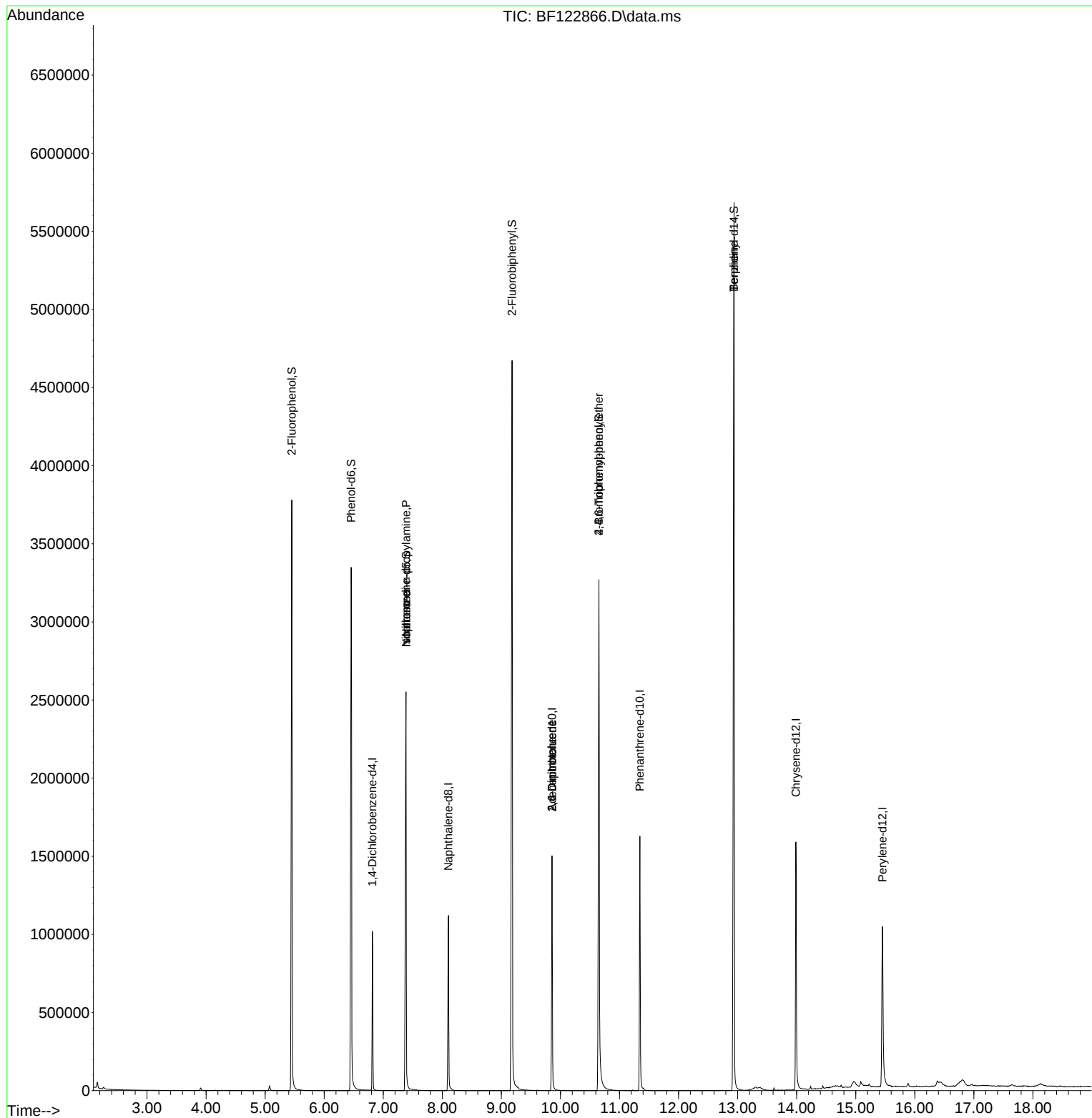
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	158930	20.00	ng	0.00
21) Naphthalene-d8	8.104	136	600007	20.00	ng	0.00
39) Acenaphthene-d10	9.857	164	338770	20.00	ng	0.00
64) Phenanthrene-d10	11.345	188	673609	20.00	ng	0.00
76) Chrysene-d12	13.986	240	671768	20.00	ng	0.00
86) Perylene-d12	15.451	264	636133	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1189267	118.47	ng	0.02
7) Phenol-d6	6.457	99	1511687	113.54	ng	0.00
23) Nitrobenzene-d5	7.386	82	998694	83.39	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	569911	128.52	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	1912742	76.37	ng	0.00
79) Terphenyl-d14	12.939	244	2314105	60.30	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.386	70	133720	17.53	ng	Qvalue
25) Isophorone	7.386	82	998681	48.42	ng	# 77
51) 2,6-Dinitrotoluene	9.857	165	43382	7.59	ng	# 65
57) 2,4-Dinitrotoluene	9.857	165	43493	5.71	ng	# 31
67) 4-Bromophenyl-phenylether	10.651	248	35520	3.89	ng	# 25
77) Benzidine	12.939	184	29715	2.05	ng	# 1

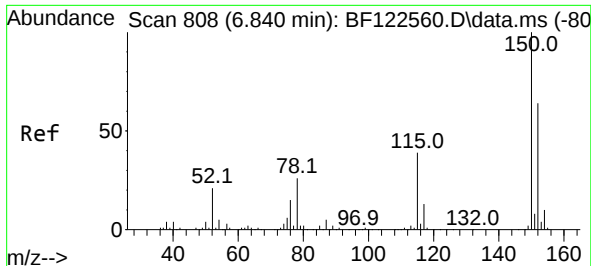
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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Quant Time: Dec 29 18:13:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 15 18:14:23 2020
Response via : Initial Calibration

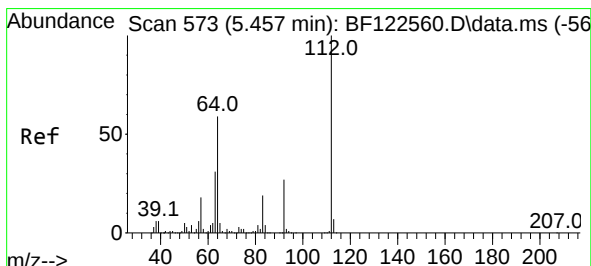
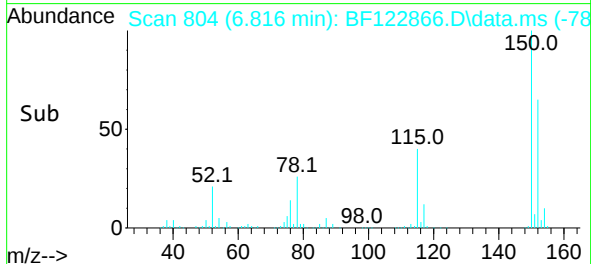
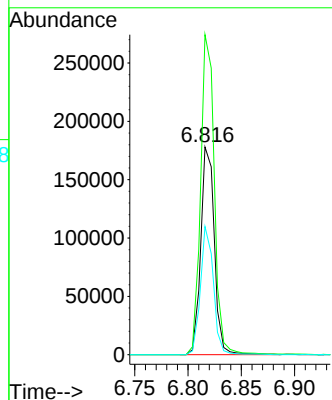
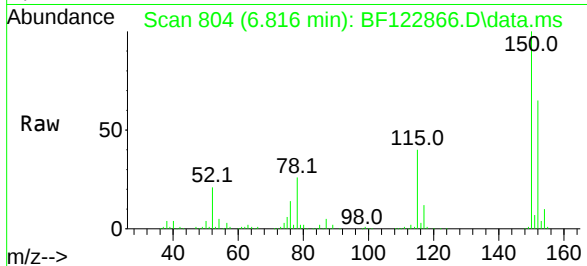




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF122866.D
Acq: 29 Dec 2020 15:55

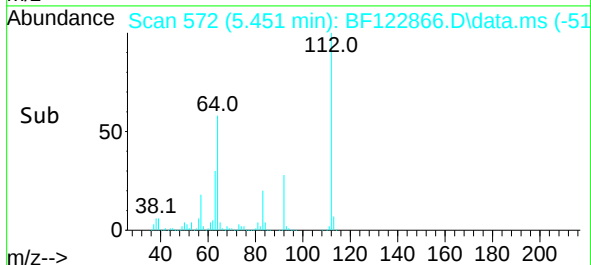
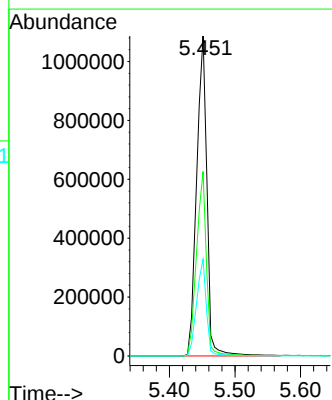
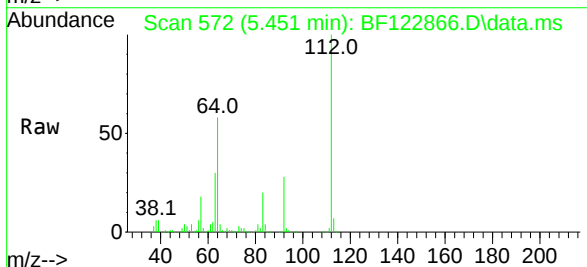
Instrument :
BNA_F
ClientSampleId :
PB133837BL

Tgt Ion:152 Resp: 158930
Ion Ratio Lower Upper
152 100
150 154.1 125.8 188.6
115 61.7 49.3 73.9



#5
2-Fluorophenol
Concen: 118.47 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.017 min
Lab File: BF122866.D
Acq: 29 Dec 2020 15:55

Tgt Ion:112 Resp: 1189267
Ion Ratio Lower Upper
112 100
64 57.6 46.9 70.3
63 30.2 24.5 36.7

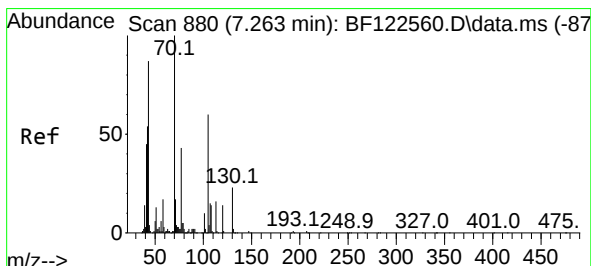
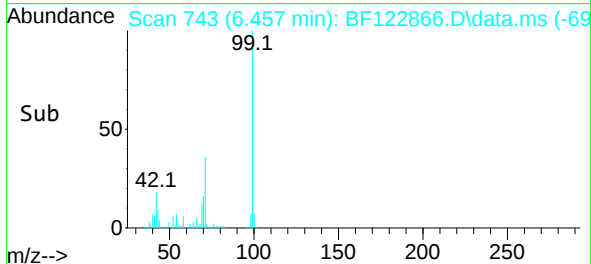
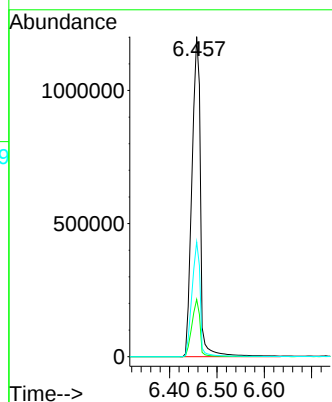
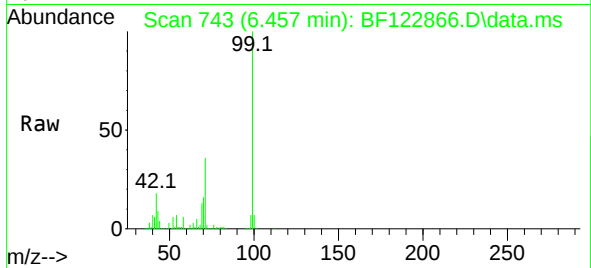




#7
Phenol-d6
Concen: 113.54 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.000 min
Lab File: BF122866.D
Acq: 29 Dec 2020 15:55

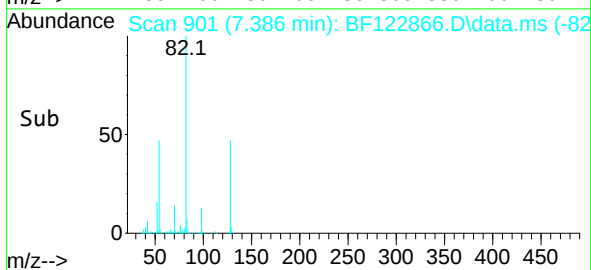
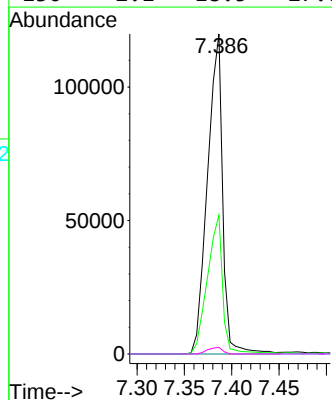
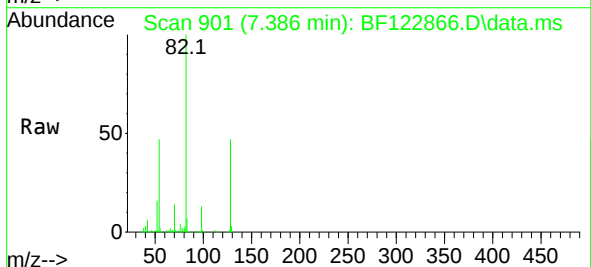
Instrument :
BNA_F
ClientSampleId :
PB133837BL

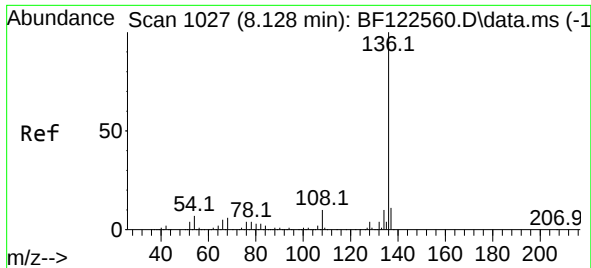
Tgt Ion: 99 Resp: 1511687
Ion Ratio Lower Upper
99 100
42 17.9 13.8 20.6
71 35.8 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 17.53 ng
RT: 7.386 min Scan# 901
Delta R.T. 0.147 min
Lab File: BF122866.D
Acq: 29 Dec 2020 15:55

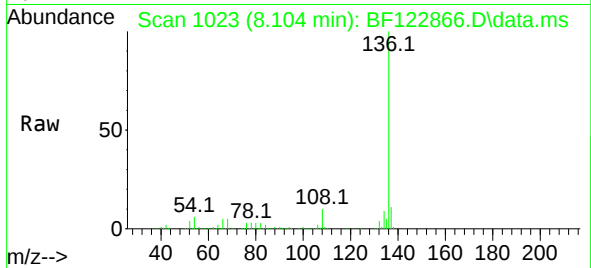
Tgt Ion: 70 Resp: 133720
Ion Ratio Lower Upper
70 100
42 43.4 43.0 64.4
101 0.0 7.9 11.9#
130 2.1 18.5 27.7#



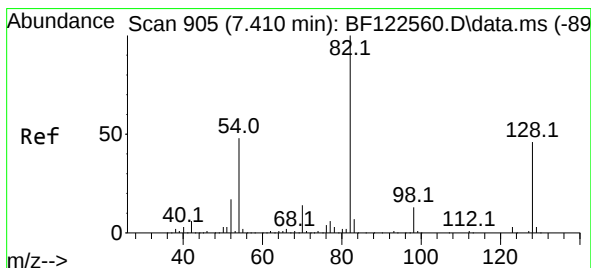
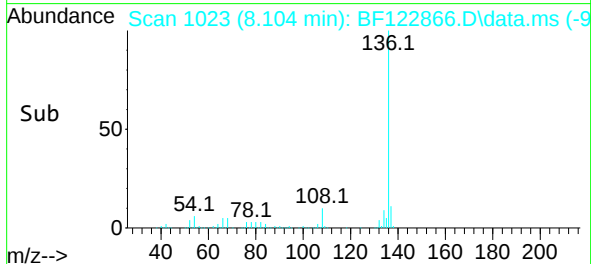
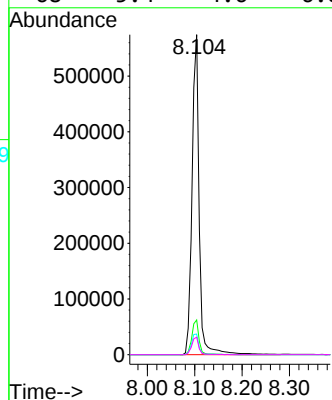


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF122866.D
Acq: 29 Dec 2020 15:55

Instrument :
BNA_F
ClientSampleId :
PB133837BL

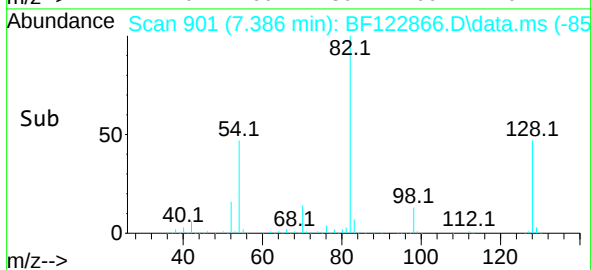
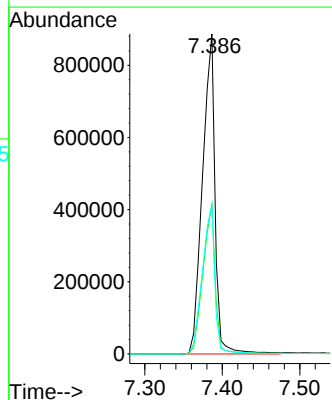
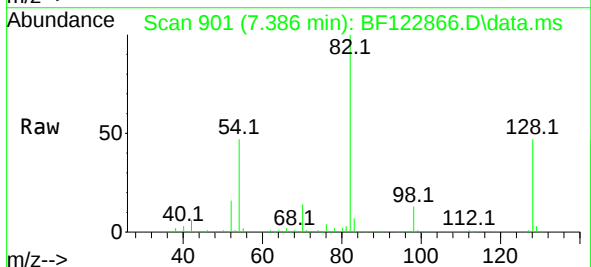


Tgt Ion:136 Resp: 600007
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 6.4 5.5 8.3
68 5.4 4.6 6.8



#23
Nitrobenzene-d5
Concen: 83.39 ng
RT: 7.386 min Scan# 901
Delta R.T. -0.006 min
Lab File: BF122866.D
Acq: 29 Dec 2020 15:55

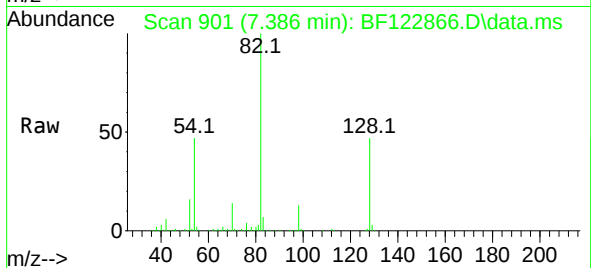
Tgt Ion: 82 Resp: 998694
Ion Ratio Lower Upper
82 100
128 46.8 37.0 55.4
54 46.7 38.4 57.6



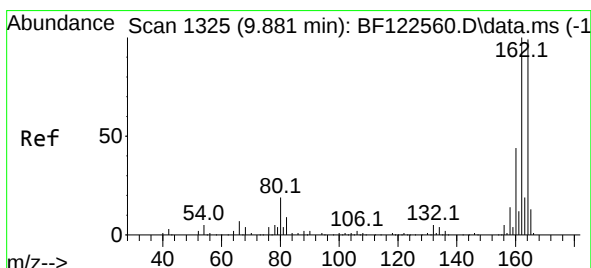
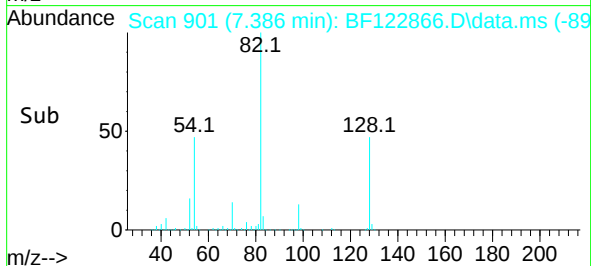
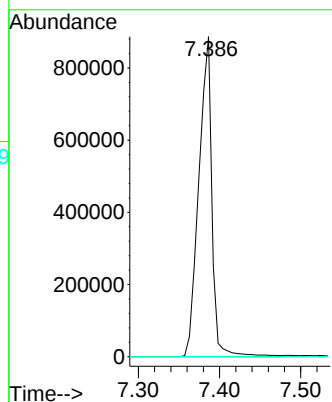


#25
Isophorone
Concen: 48.42 ng
RT: 7.386 min Scan# 901
Delta R.T. -0.259 min
Lab File: BF122866.D
Acq: 29 Dec 2020 15:55

Instrument :
BNA_F
ClientSampleId :
PB133837BL

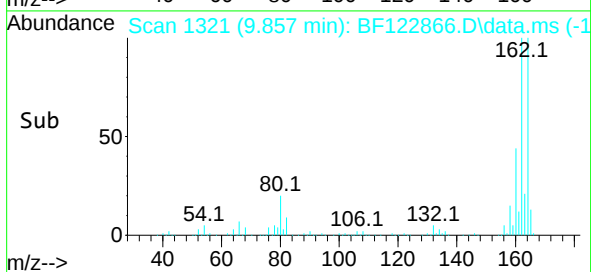
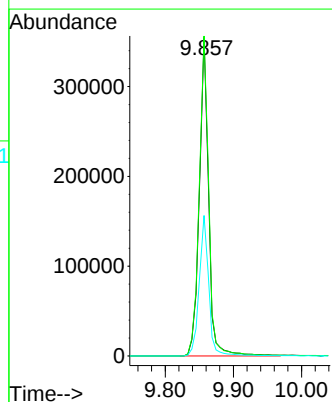
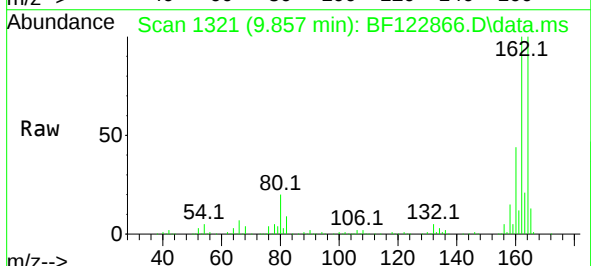


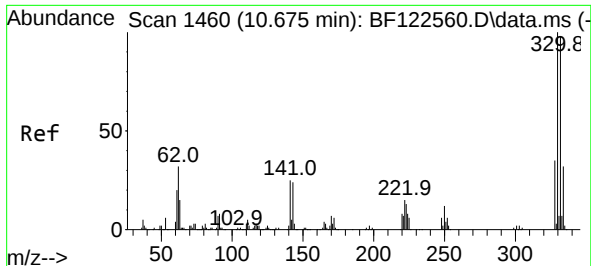
Tgt Ion: 82 Resp: 998681
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF122866.D
Acq: 29 Dec 2020 15:55

Tgt Ion: 164 Resp: 338770
Ion Ratio Lower Upper
164 100
162 100.4 80.8 121.2
160 44.1 35.4 53.0

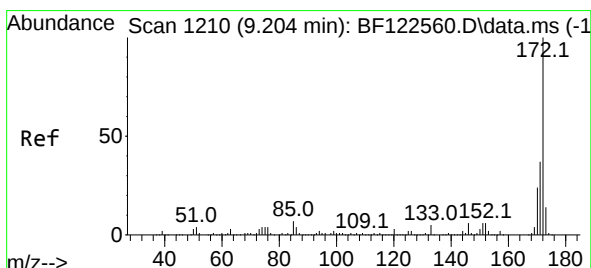
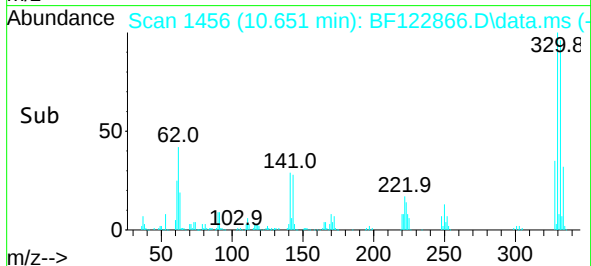
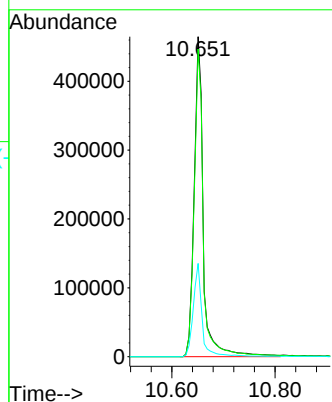
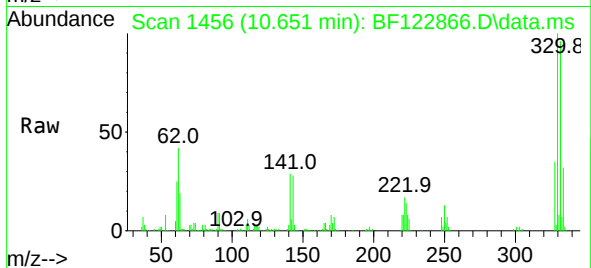




#42
2,4,6-Tribromophenol
Concen: 128.52 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.000 min
Lab File: BF122866.D
Acq: 29 Dec 2020 15:55

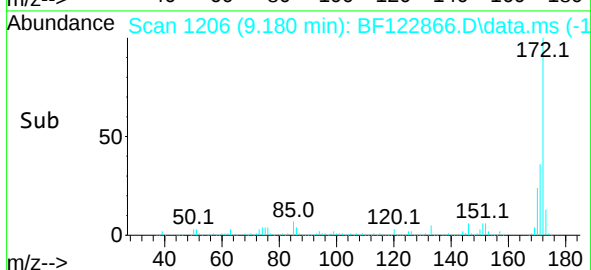
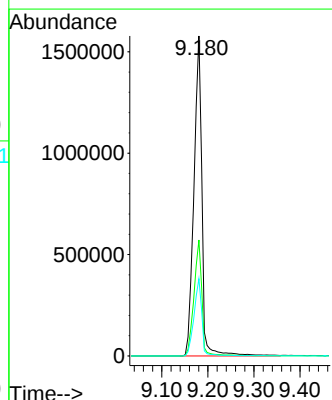
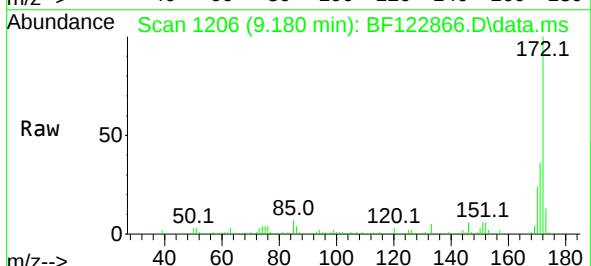
Instrument :
BNA_F
ClientSampleId :
PB133837BL

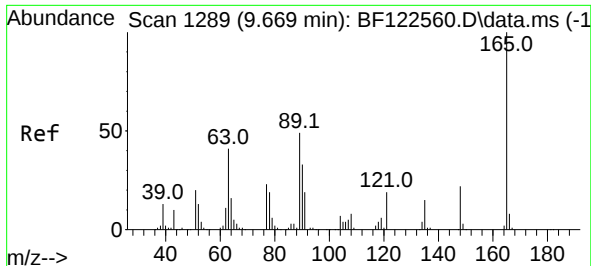
Tgt Ion: 330 Resp: 569911
Ion Ratio Lower Upper
330 100
332 97.3 77.5 116.3
141 28.3 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 76.37 ng
RT: 9.180 min Scan# 1206
Delta R.T. -0.006 min
Lab File: BF122866.D
Acq: 29 Dec 2020 15:55

Tgt Ion: 172 Resp: 1912742
Ion Ratio Lower Upper
172 100
171 36.2 29.6 44.4
170 24.1 19.5 29.3

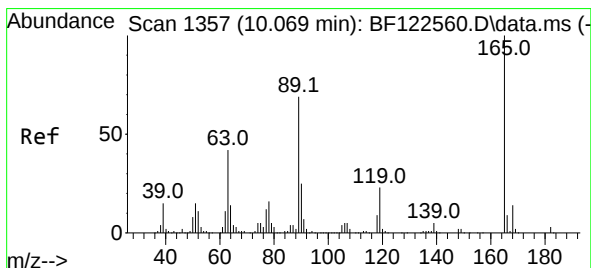
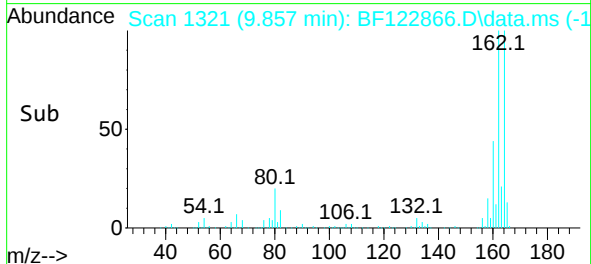
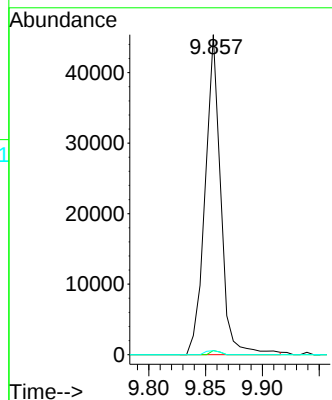
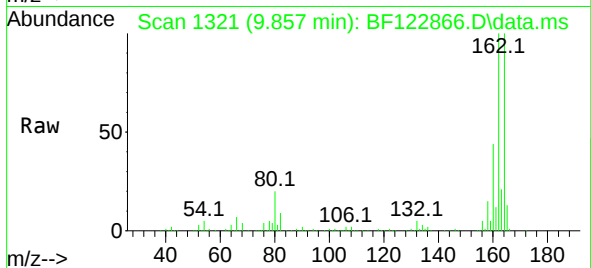




#51
2,6-Dinitrotoluene
Concen: 7.59 ng
RT: 9.857 min Scan# 1321
Delta R.T. 0.211 min
Lab File: BF122866.D
Acq: 29 Dec 2020 15:55

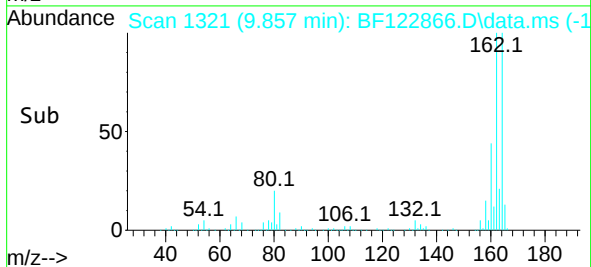
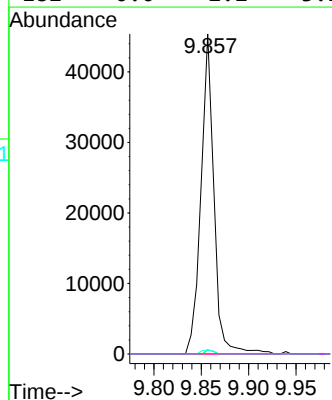
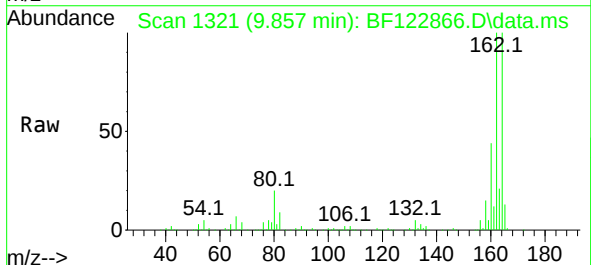
Instrument :
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ClientSampleId :
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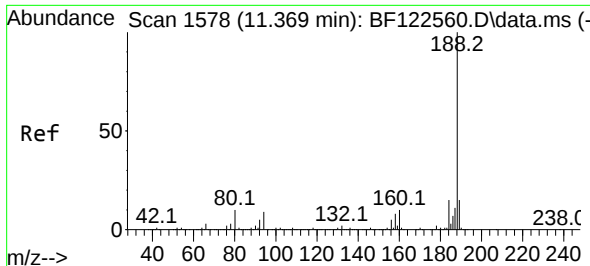
Tgt Ion:165 Resp: 43382
Ion Ratio Lower Upper
165 100
63 1.3 36.6 55.0#
89 1.2 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.71 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.194 min
Lab File: BF122866.D
Acq: 29 Dec 2020 15:55

Tgt Ion:165 Resp: 43493
Ion Ratio Lower Upper
165 100
63 1.3 34.3 51.5#
89 1.2 55.2 82.8#
182 0.0 2.2 3.2#

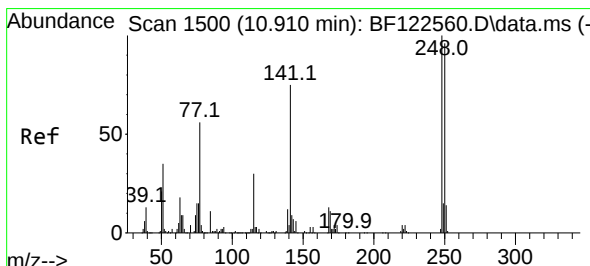
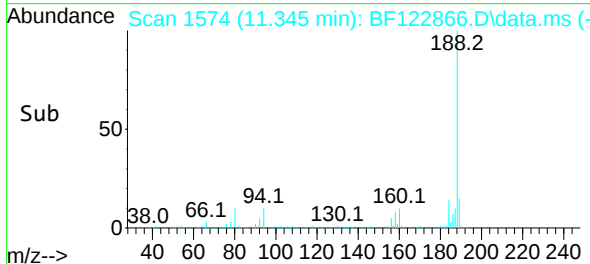
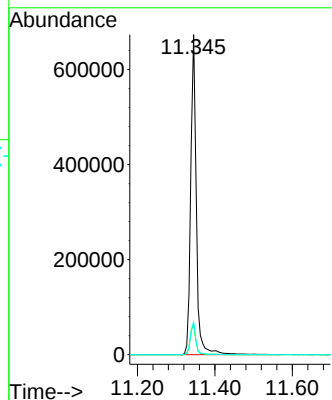
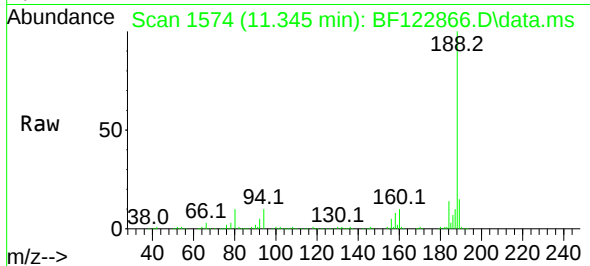




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BF122866.D
Acq: 29 Dec 2020 15:55

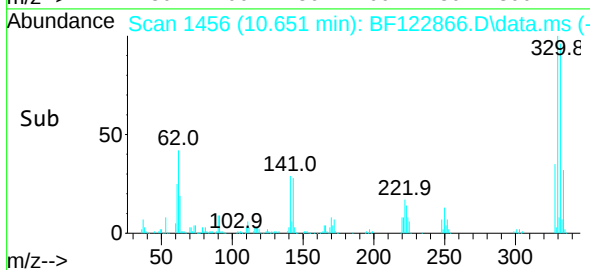
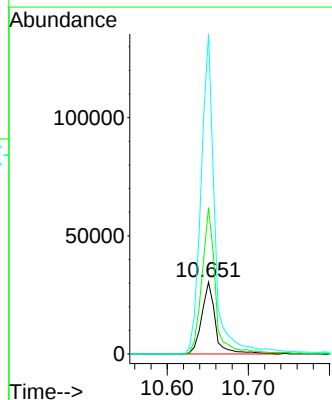
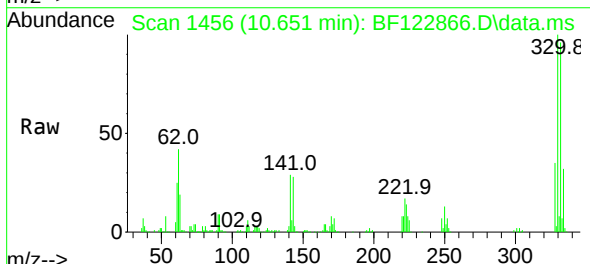
Instrument :
BNA_F
ClientSampleId :
PB133837BL

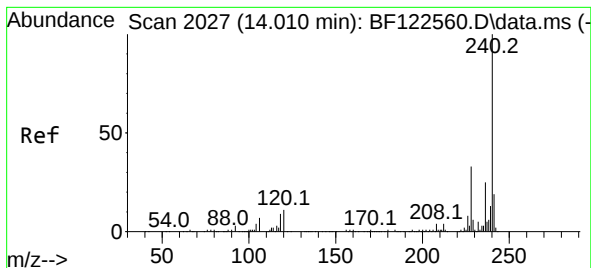
Tgt Ion:188 Resp: 673609
Ion Ratio Lower Upper
188 100
94 9.8 7.4 11.2
80 10.3 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 3.89 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.241 min
Lab File: BF122866.D
Acq: 29 Dec 2020 15:55

Tgt Ion:248 Resp: 35520
Ion Ratio Lower Upper
248 100
250 203.4 76.8 115.2#
141 445.0 59.8 89.8#





#76

Chrysene-d12

Concen: 20.00 ng

RT: 13.986 min Scan# 2023

Delta R.T. -0.000 min

Lab File: BF122866.D

Acq: 29 Dec 2020 15:55

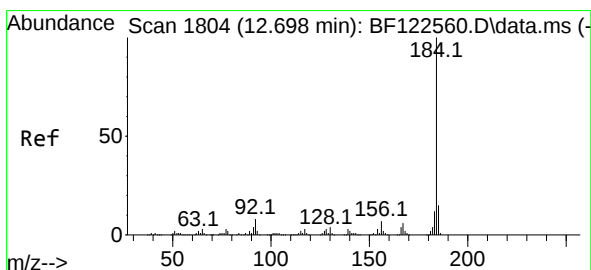
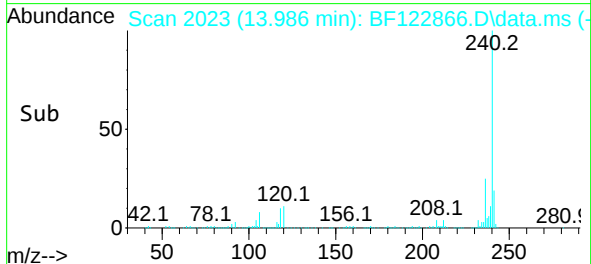
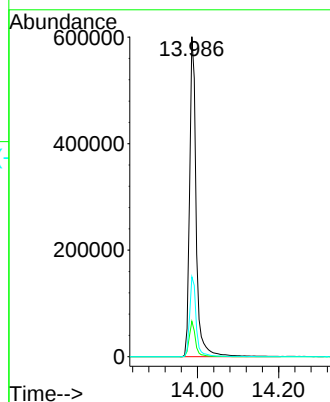
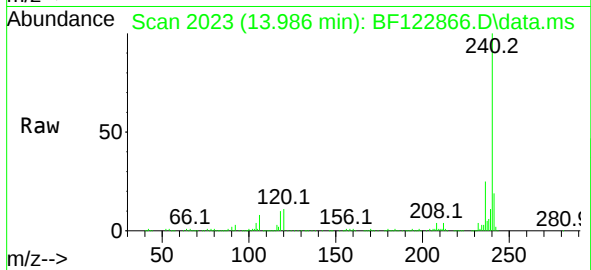
Tgt Ion:240 Resp: 671768

Ion Ratio Lower Upper

240 100

120 11.0 8.6 12.8

236 25.0 20.3 30.5



#77

Benzidine

Concen: 2.05 ng

RT: 12.939 min Scan# 1845

Delta R.T. 0.259 min

Lab File: BF122866.D

Acq: 29 Dec 2020 15:55

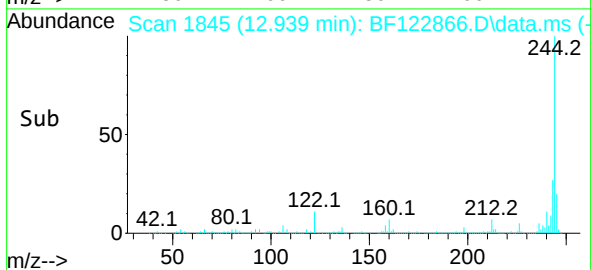
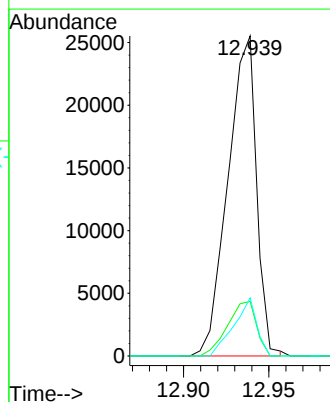
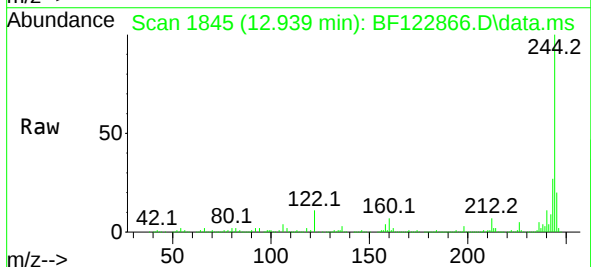
Tgt Ion:184 Resp: 29715

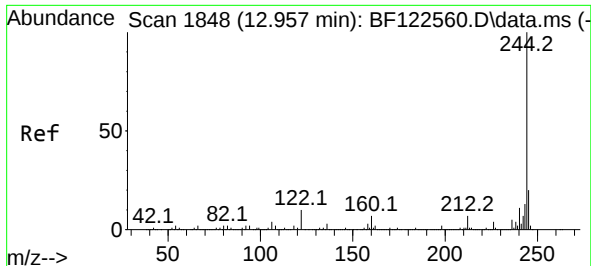
Ion Ratio Lower Upper

184 100

185 17.1 11.8 17.6

183 18.2 9.7 14.5#

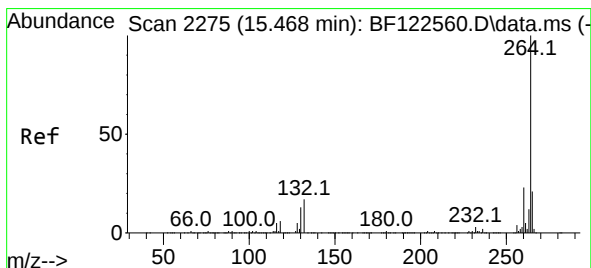
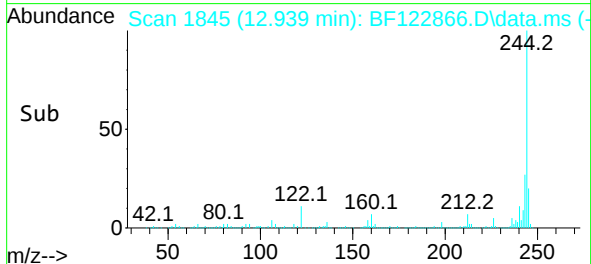
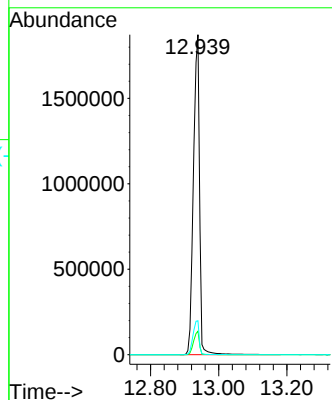
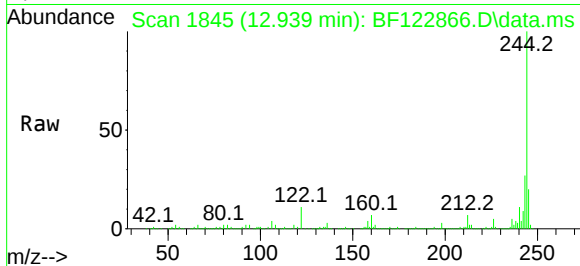




#79
 Terphenyl-d14
 Concen: 60.30 ng
 RT: 12.939 min Scan# 1845
 Delta R.T. 0.006 min
 Lab File: BF122866.D
 Acq: 29 Dec 2020 15:55

Instrument :
 BNA_F
 ClientSampleId :
 PB133837BL

Tgt Ion:244 Resp: 2314105
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.7 8.5
 122 10.6 8.3 12.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.451 min Scan# 2272
 Delta R.T. 0.011 min
 Lab File: BF122866.D
 Acq: 29 Dec 2020 15:55

Tgt Ion:264 Resp: 636133
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.6 28.0
 265 21.7 17.0 25.6

