

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121020\
 Data File : BF122645.D
 Acq On : 10 Dec 2020 13:24
 Operator : JU/CG
 Sample : PB133511BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB133503BL

Quant Time: Dec 10 14:17:38 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 07 12:08:49 2020
 Response via : Initial Calibration

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

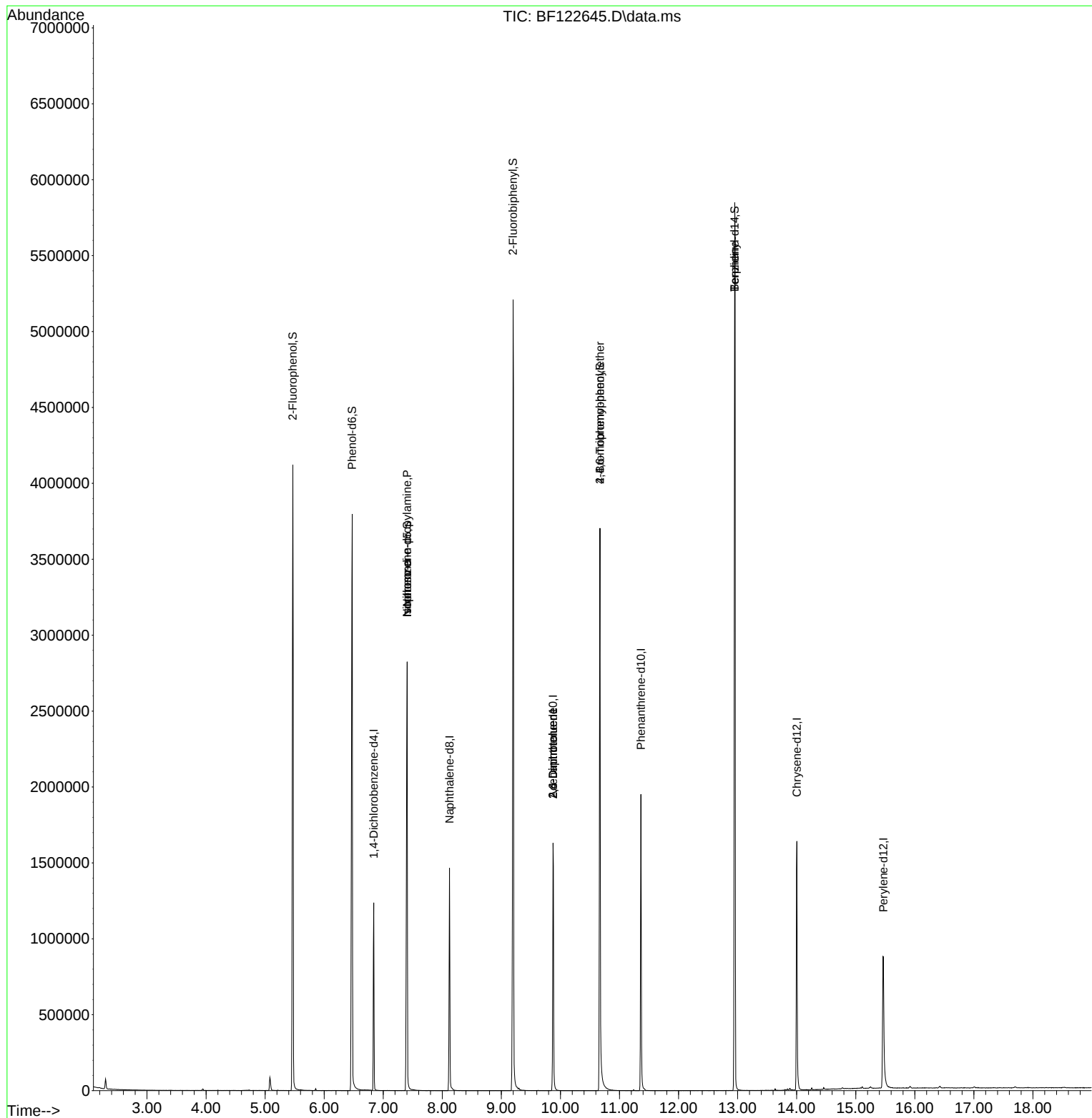
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	181103	20.00	ng	0.00
21) Naphthalene-d8	8.122	136	713823	20.00	ng	0.00
39) Acenaphthene-d10	9.874	164	392600	20.00	ng	0.00
64) Phenanthrene-d10	11.363	188	759389	20.00	ng	0.00
76) Chrysene-d12	14.004	240	656432	20.00	ng	0.00
86) Perylene-d12	15.468	264	582687	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1343448	117.44	ng	0.01
7) Phenol-d6	6.475	99	1670517	110.11	ng	0.00
23) Nitrobenzene-d5	7.404	82	1068111	74.97	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	599146	116.59	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1997849	68.83	ng	0.00
79) Terphenyl-d14	12.951	244	2306254	61.50	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.404	70	141155	16.24	ng	Qvalue
25) Isophorone	7.404	82	1056653	43.06	ng	# 78
51) 2,6-Dinitrotoluene	9.874	165	51286	7.74	ng	# 65
57) 2,4-Dinitrotoluene	9.874	165	51400	5.83	ng	# 31
67) 4-Bromophenyl-phenylether	10.669	248	35776	3.48	ng	# 25
77) Benzidine	12.951	184	29240	2.06	ng	# 1

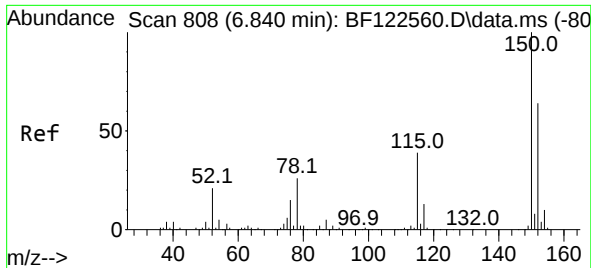
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121020\
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Quant Time: Dec 10 14:17:38 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 07 12:08:49 2020
Response via : Initial Calibration

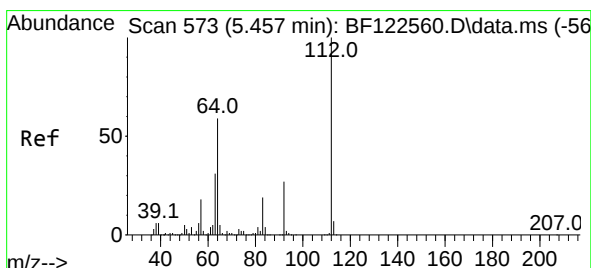
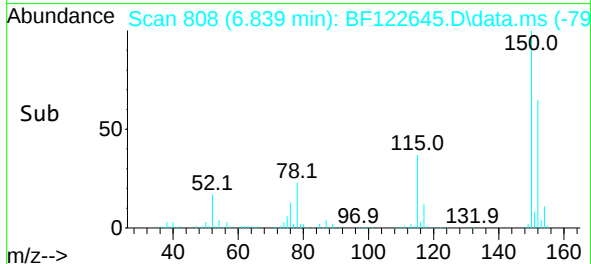
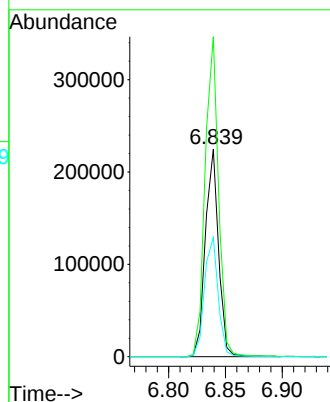
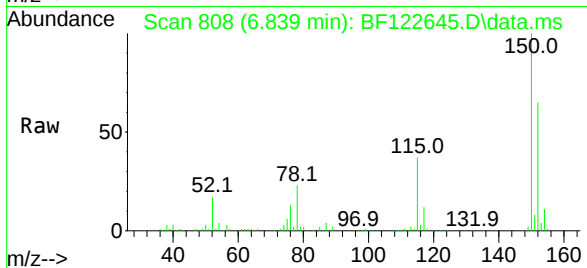




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.001 min
Lab File: BF122645.D
Acq: 10 Dec 2020 13:24

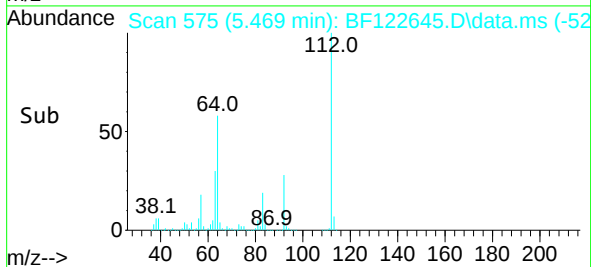
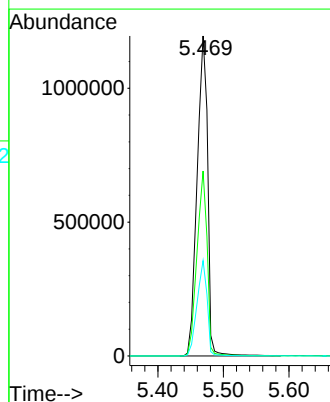
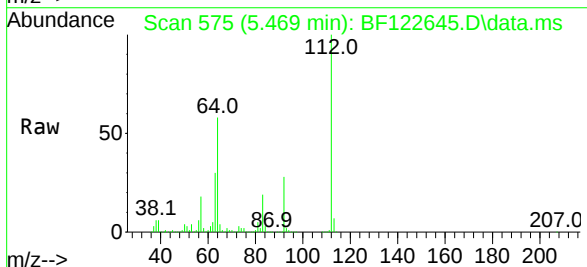
Instrument :
BNA_F
ClientSampleId :
PB133503BL

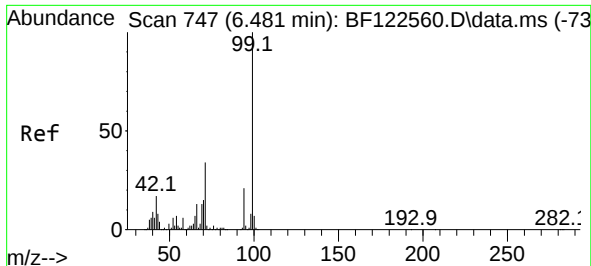
Tgt Ion:152 Resp: 181103
Ion Ratio Lower Upper
152 100
150 154.2 125.8 188.6
115 57.5 49.3 73.9



#5
2-Fluorophenol
Concen: 117.44 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.012 min
Lab File: BF122645.D
Acq: 10 Dec 2020 13:24

Tgt Ion:112 Resp: 1343448
Ion Ratio Lower Upper
112 100
64 57.8 46.9 70.3
63 29.8 24.5 36.7

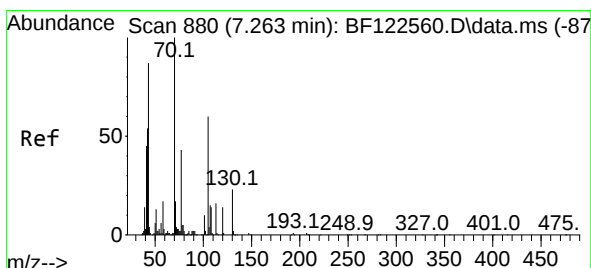
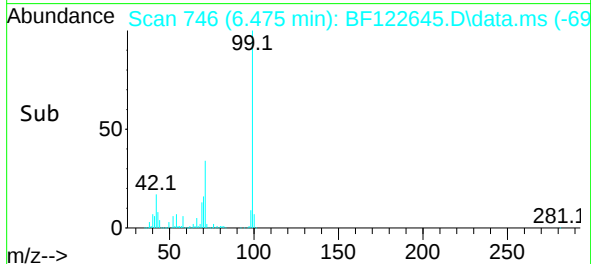
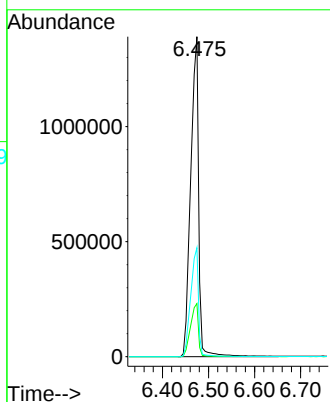
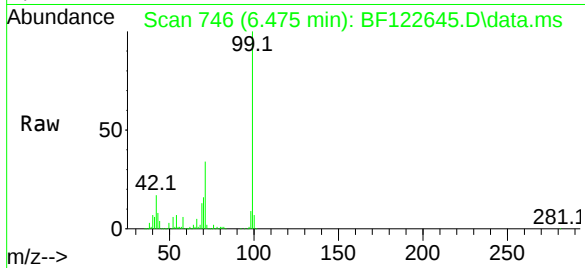




#7
Phenol-d6
Concen: 110.11 ng
RT: 6.475 min Scan# 746
Delta R.T. -0.006 min
Lab File: BF122645.D
Acq: 10 Dec 2020 13:24

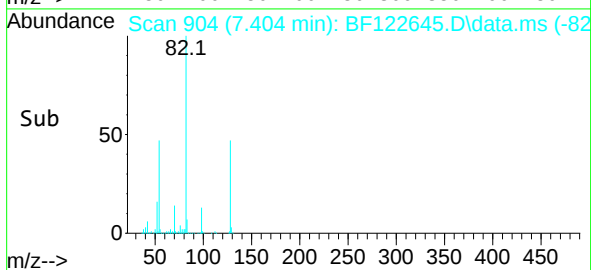
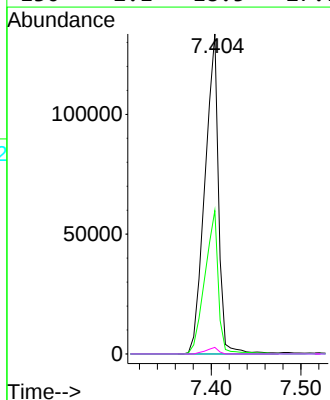
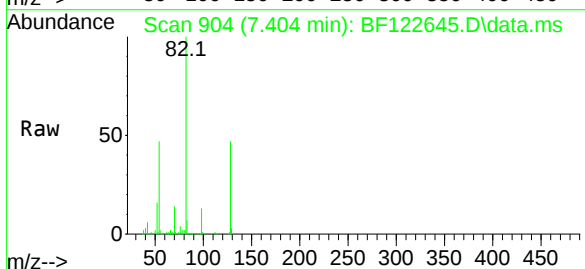
Instrument :
BNA_F
ClientSampleId :
PB133503BL

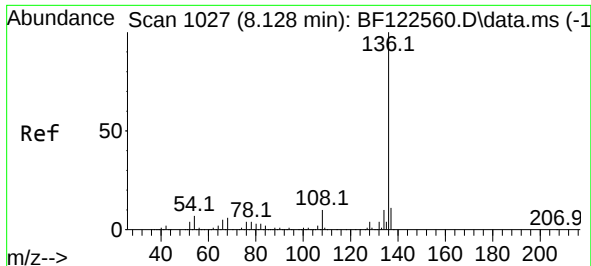
Tgt Ion: 99 Resp: 1670517
Ion Ratio Lower Upper
99 100
42 16.6 13.8 20.6
71 34.1 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 16.24 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.141 min
Lab File: BF122645.D
Acq: 10 Dec 2020 13:24

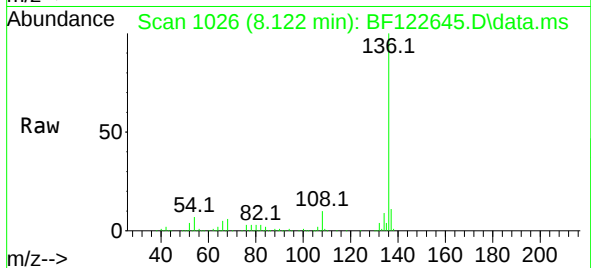
Tgt Ion: 70 Resp: 141155
Ion Ratio Lower Upper
70 100
42 44.8 43.0 64.4
101 0.0 7.9 11.9#
130 2.1 18.5 27.7#



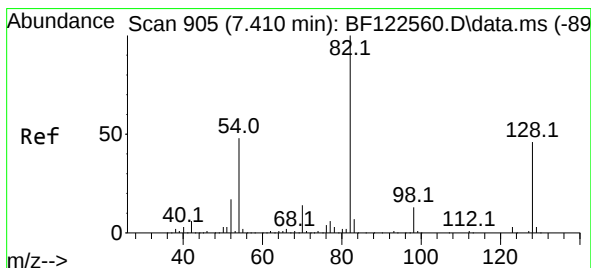
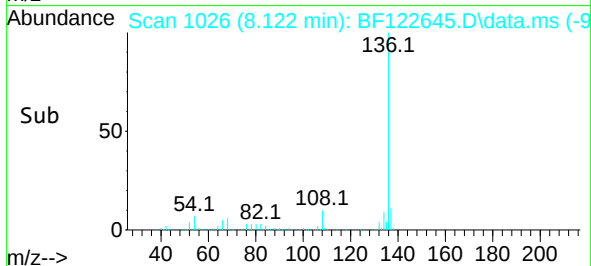
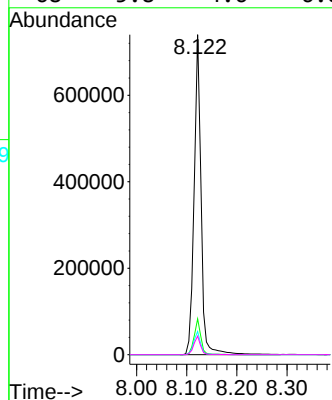


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF122645.D
Acq: 10 Dec 2020 13:24

Instrument :
BNA_F
ClientSampleId :
PB133503BL

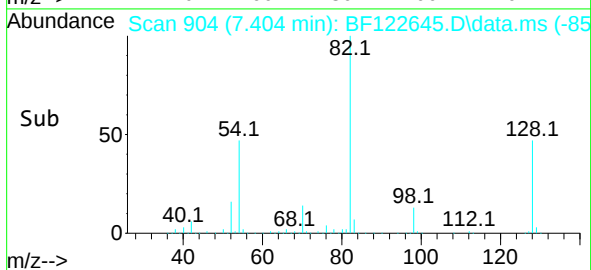
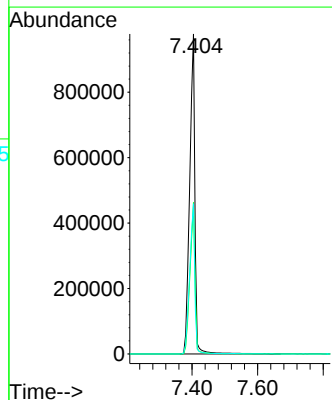
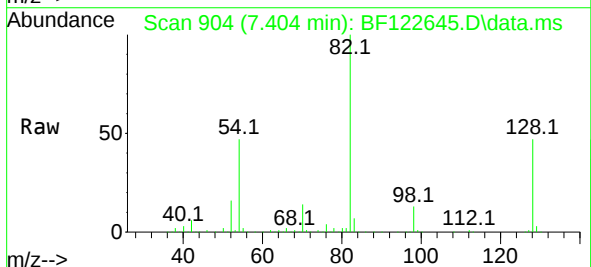


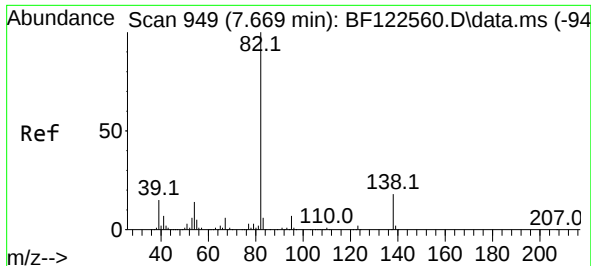
Tgt Ion:136	Resp: 713823
Ion Ratio	Lower Upper
136	100
137	11.2 8.8 13.2
54	7.3 5.5 8.3
68	5.8 4.6 6.8



#23
Nitrobenzene-d5
Concen: 74.97 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF122645.D
Acq: 10 Dec 2020 13:24

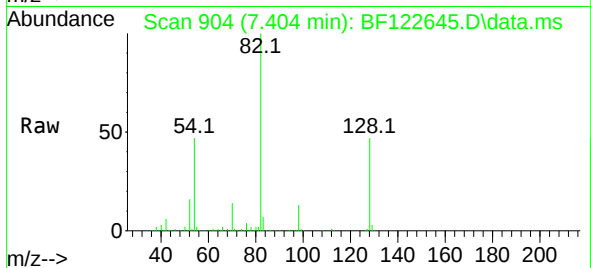
Tgt Ion: 82	Resp: 1068111
Ion Ratio	Lower Upper
82	100
128	47.3 37.0 55.4
54	47.0 38.4 57.6



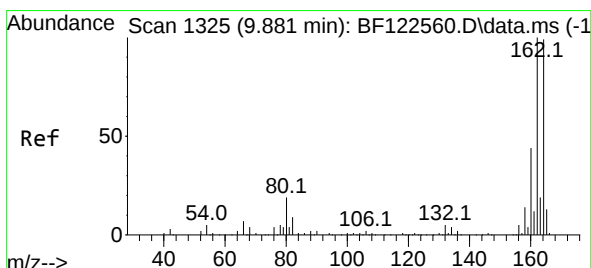
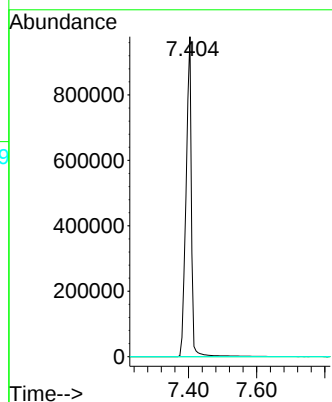
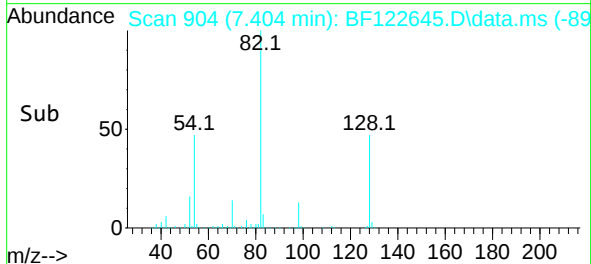


#25
Isophorone
Concen: 43.06 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.265 min
Lab File: BF122645.D
Acq: 10 Dec 2020 13:24

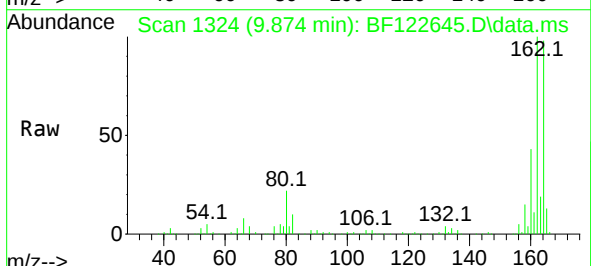
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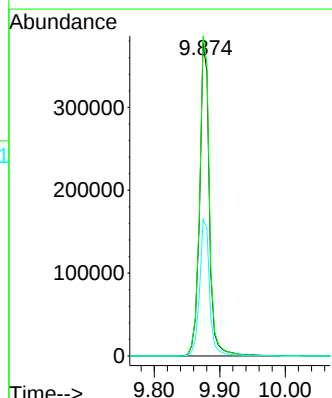
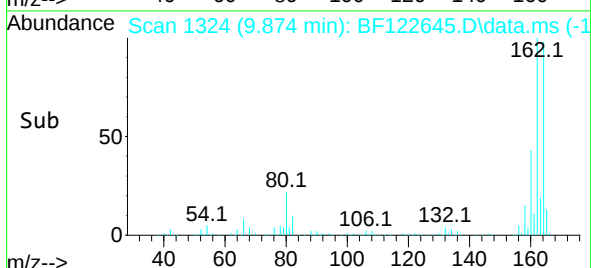
Tgt Ion: 82 Resp: 1056653
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#

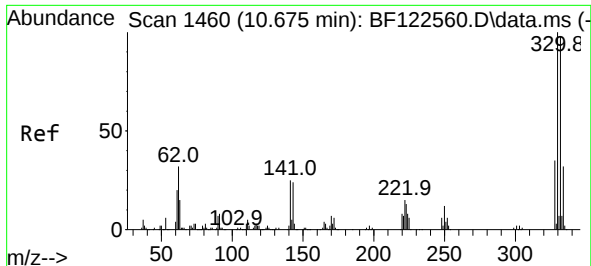


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.874 min Scan# 1324
Delta R.T. -0.007 min
Lab File: BF122645.D
Acq: 10 Dec 2020 13:24



Tgt Ion: 164 Resp: 392600
Ion Ratio Lower Upper
164 100
162 102.1 80.8 121.2
160 43.6 35.4 53.0

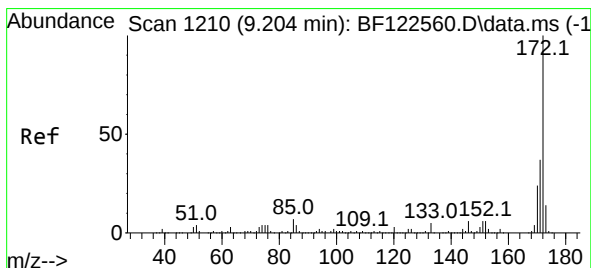
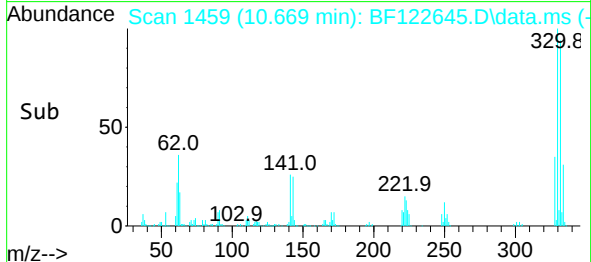
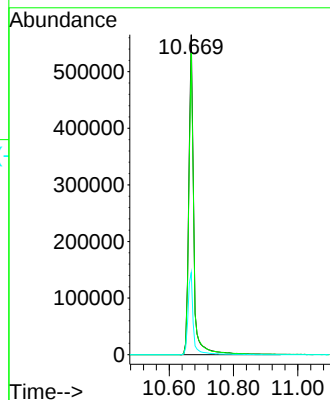
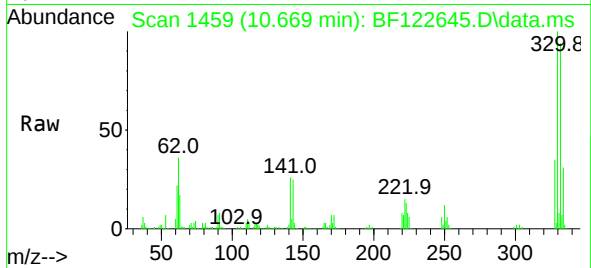




#42
 2,4,6-Tribromophenol
 Concen: 116.59 ng
 RT: 10.669 min Scan# 1459
 Delta R.T. -0.006 min
 Lab File: BF122645.D
 Acq: 10 Dec 2020 13:24

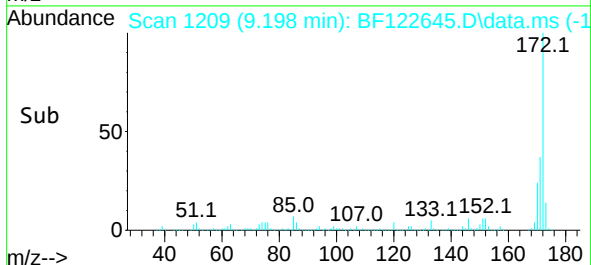
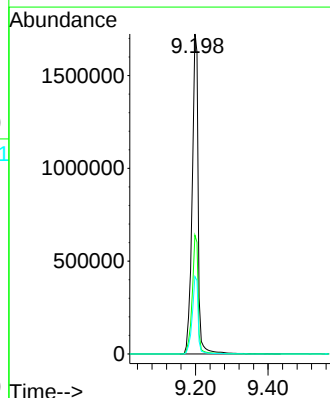
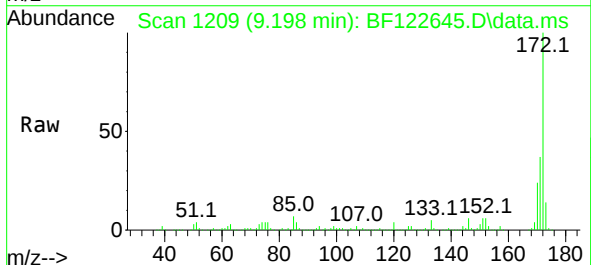
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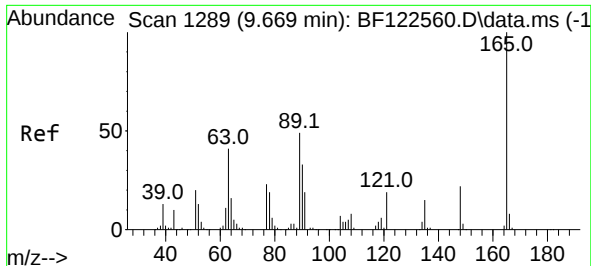
Tgt Ion: 330 Resp: 599146
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.5 116.3
 141 27.8 23.8 35.8



#45
 2-Fluorobiphenyl
 Concen: 68.83 ng
 RT: 9.198 min Scan# 1209
 Delta R.T. -0.006 min
 Lab File: BF122645.D
 Acq: 10 Dec 2020 13:24

Tgt Ion: 172 Resp: 1997849
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.6 44.4
 170 24.2 19.5 29.3

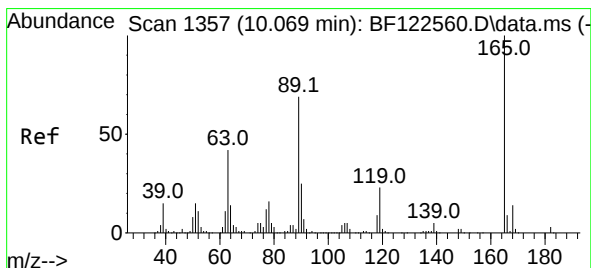
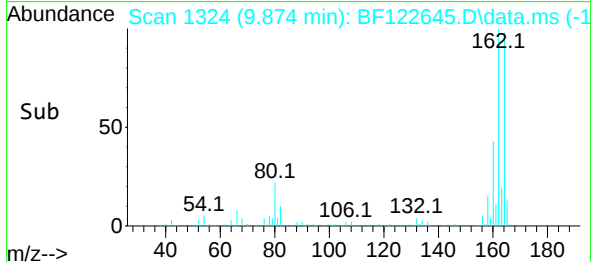
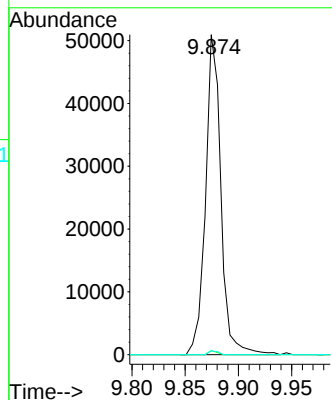
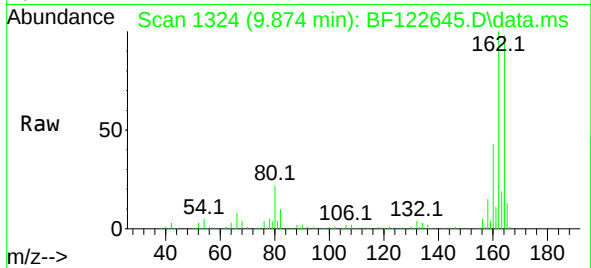




#51
2,6-Dinitrotoluene
Concen: 7.74 ng
RT: 9.874 min Scan# 1324
Delta R.T. 0.206 min
Lab File: BF122645.D
Acq: 10 Dec 2020 13:24

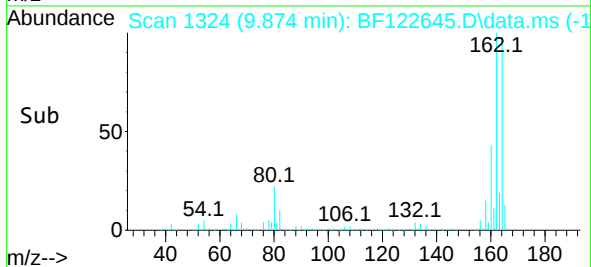
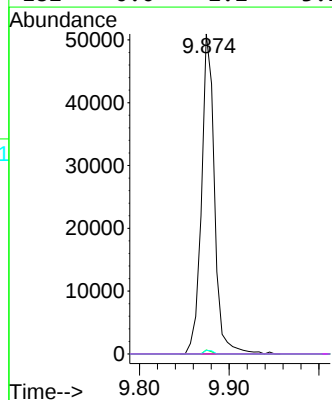
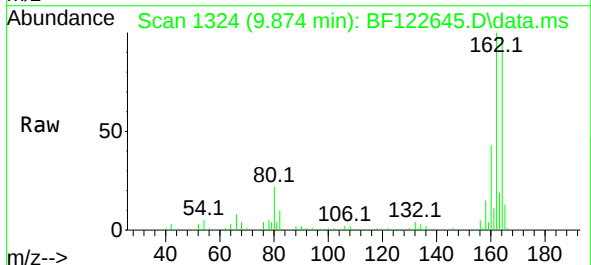
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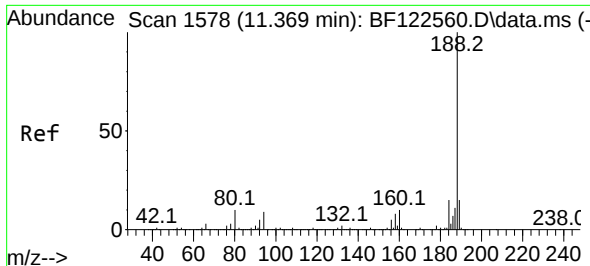
Tgt Ion:165 Resp: 51286
Ion Ratio Lower Upper
165 100
63 1.2 36.6 55.0#
89 1.2 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.83 ng
RT: 9.874 min Scan# 1324
Delta R.T. -0.194 min
Lab File: BF122645.D
Acq: 10 Dec 2020 13:24

Tgt Ion:165 Resp: 51400
Ion Ratio Lower Upper
165 100
63 1.2 34.3 51.5#
89 1.2 55.2 82.8#
182 0.0 2.2 3.2#

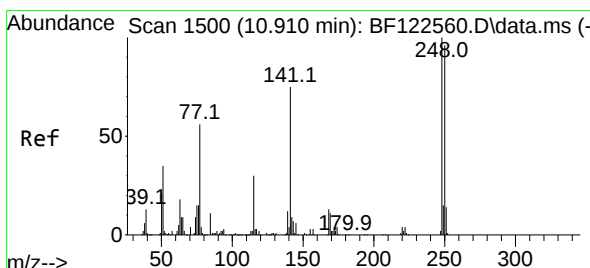
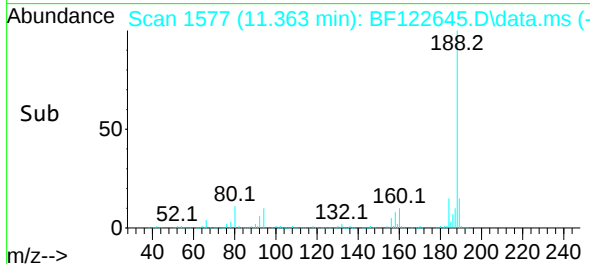
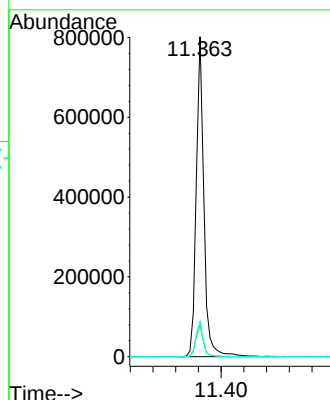
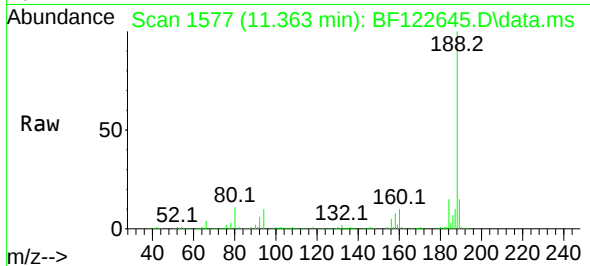




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF122645.D
Acq: 10 Dec 2020 13:24

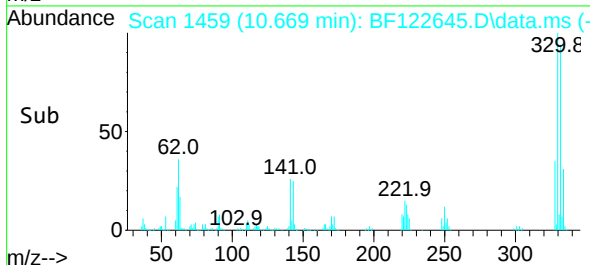
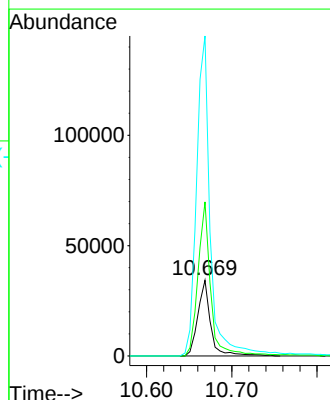
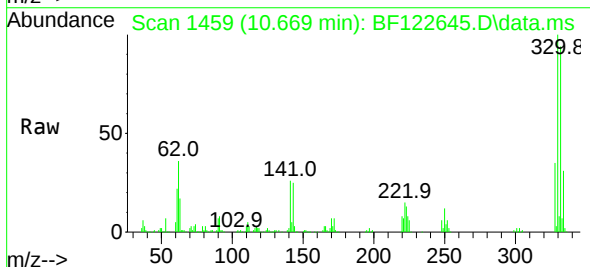
Instrument :
BNA_F
ClientSampleId :
PB133503BL

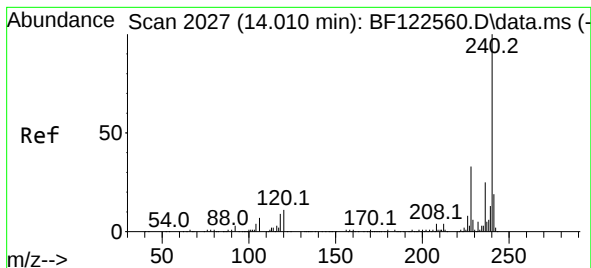
Tgt Ion:188 Resp: 759389
Ion Ratio Lower Upper
188 100
94 9.8 7.4 11.2
80 11.1 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 3.48 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.241 min
Lab File: BF122645.D
Acq: 10 Dec 2020 13:24

Tgt Ion:248 Resp: 35776
Ion Ratio Lower Upper
248 100
250 203.6 76.8 115.2#
141 423.1 59.8 89.8#

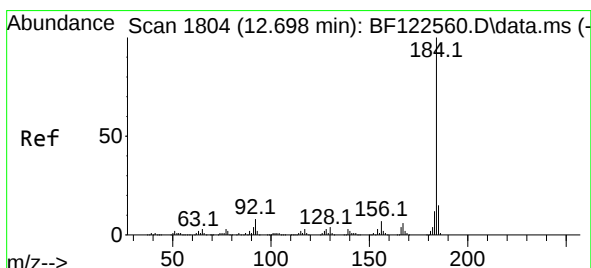
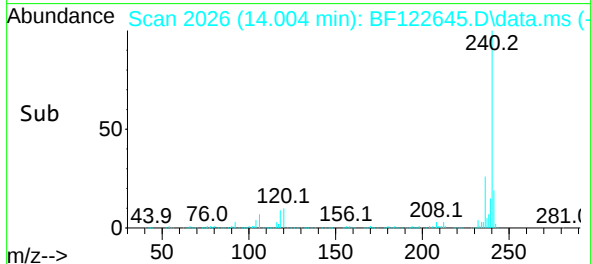
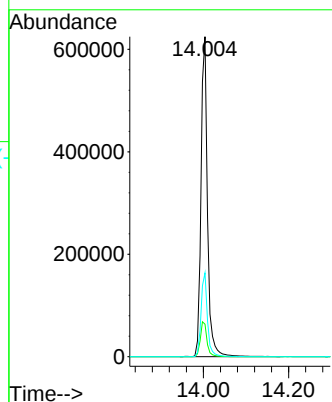
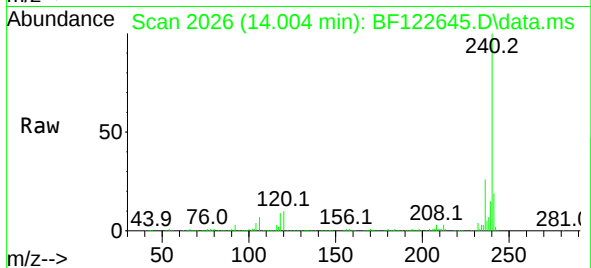




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF122645.D
Acq: 10 Dec 2020 13:24

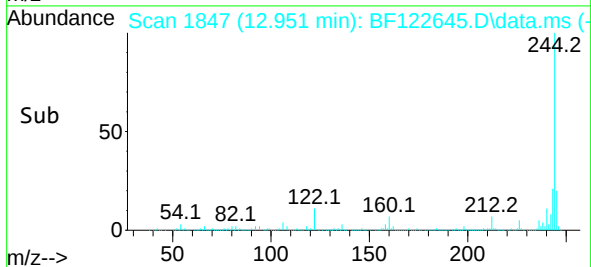
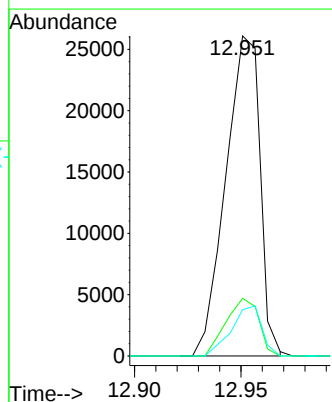
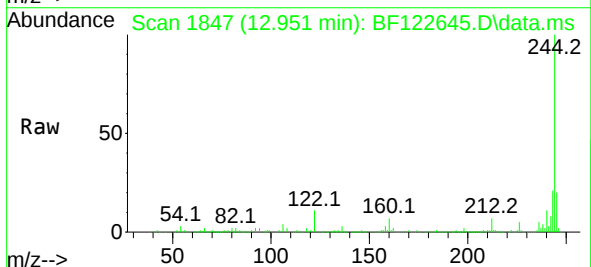
Instrument :
BNA_F
ClientSampleId :
PB133503BL

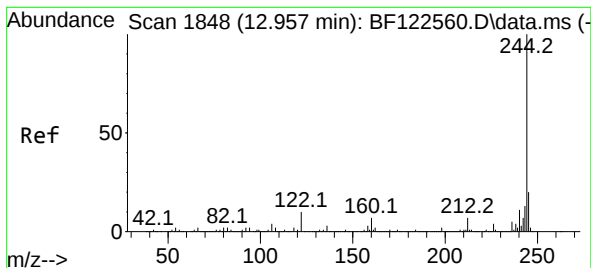
Tgt Ion:240 Resp: 656432
Ion Ratio Lower Upper
240 100
120 10.2 8.6 12.8
236 26.2 20.3 30.5



#77
Benzidine
Concen: 2.06 ng
RT: 12.951 min Scan# 1847
Delta R.T. 0.253 min
Lab File: BF122645.D
Acq: 10 Dec 2020 13:24

Tgt Ion:184 Resp: 29240
Ion Ratio Lower Upper
184 100
185 18.0 11.8 17.6#
183 14.4 9.7 14.5





#79

Terphenyl-d14

Concen: 61.50 ng

RT: 12.951 min Scan# 1847

Delta R.T. -0.006 min

Lab File: BF122645.D

Acq: 10 Dec 2020 13:24

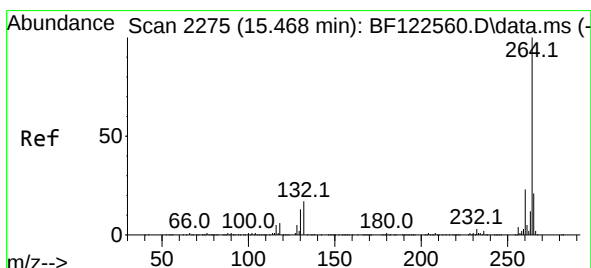
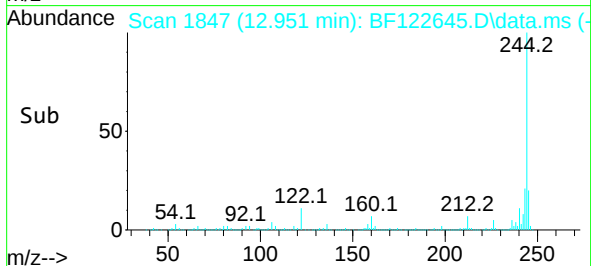
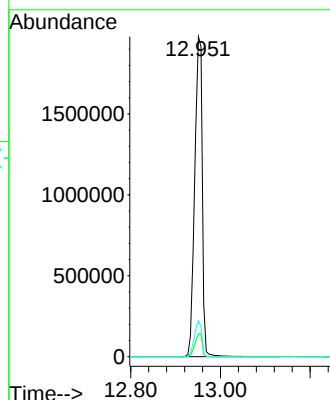
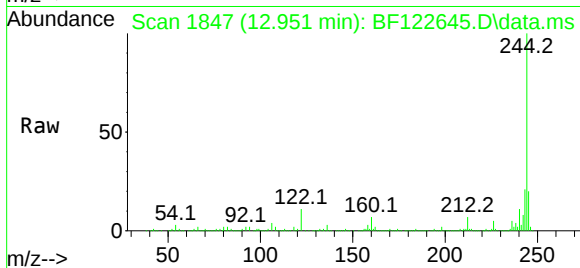
Tgt Ion:244 Resp: 2306254

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

122 11.2 8.3 12.5



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.468 min Scan# 2275

Delta R.T. -0.000 min

Lab File: BF122645.D

Acq: 10 Dec 2020 13:24

Tgt Ion:264 Resp: 582687

Ion Ratio Lower Upper

264 100

260 22.8 18.6 28.0

265 21.2 17.0 25.6

