

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123020\
 Data File : BF122876.D
 Acq On : 30 Dec 2020 13:29
 Operator : JU/CG
 Sample : PB133863BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB133863BL

Quant Time: Dec 30 13:53:41 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)

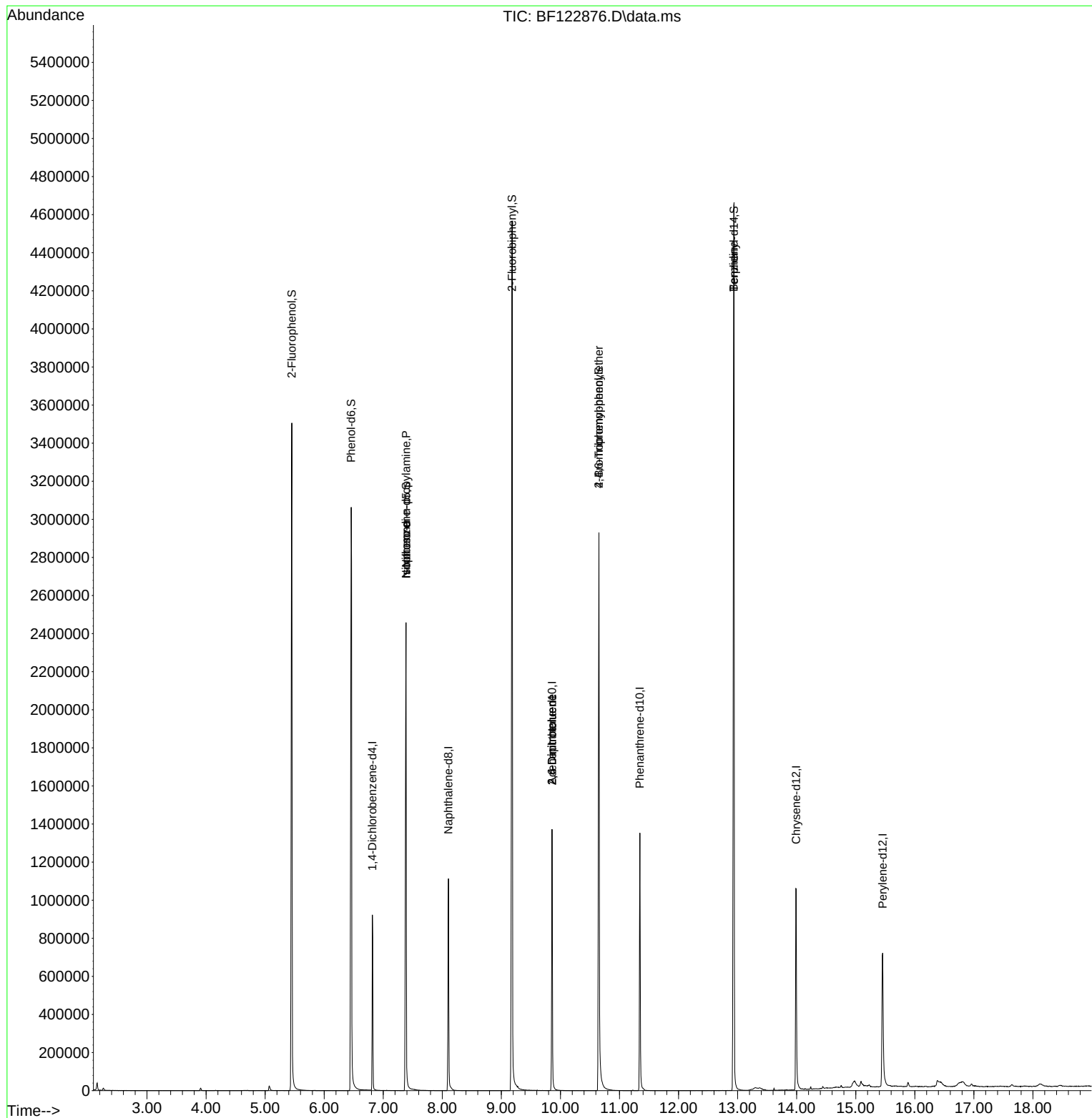
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	148998	20.00	ng	0.00
21) Naphthalene-d8	8.104	136	560790	20.00	ng	0.00
39) Acenaphthene-d10	9.857	164	293997	20.00	ng	0.00
64) Phenanthrene-d10	11.345	188	555302	20.00	ng	0.00
76) Chrysene-d12	13.992	240	487311	20.00	ng	0.00
86) Perylene-d12	15.457	264	443279	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1132405	120.32	ng	0.02
7) Phenol-d6	6.457	99	1424713	114.14	ng	0.00
23) Nitrobenzene-d5	7.386	82	920684	82.26	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	464327	120.66	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	1675392	77.08	ng	0.00
79) Terphenyl-d14	12.939	244	1889494	67.87	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.386	70	120523	16.86	ng	Qvalue
25) Isophorone	7.386	82	920678	47.76	ng	# 76
51) 2,6-Dinitrotoluene	9.857	165	37671	7.60	ng	# 65
57) 2,4-Dinitrotoluene	9.857	165	37672	5.70	ng	# 31
67) 4-Bromophenyl-phenylether	10.651	248	28870	3.84	ng	# 25
77) Benzidine	12.933	184	24065	2.28	ng	# 1

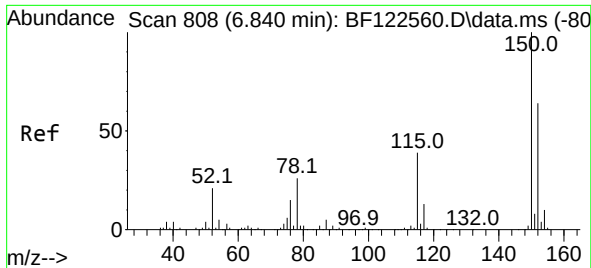
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123020\
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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Time: Dec 30 13:53:41 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

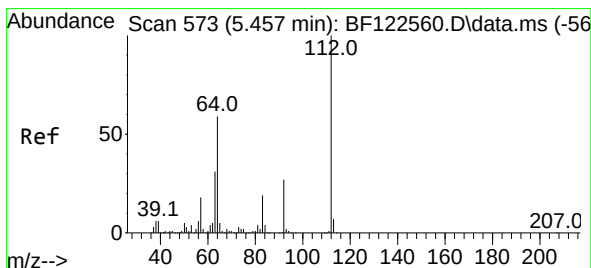
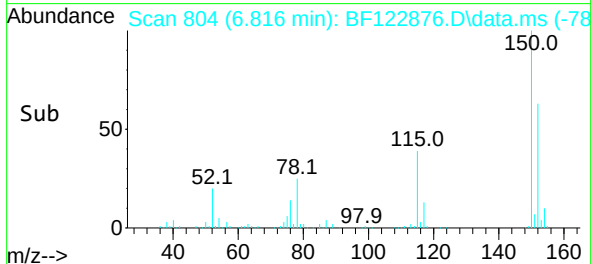
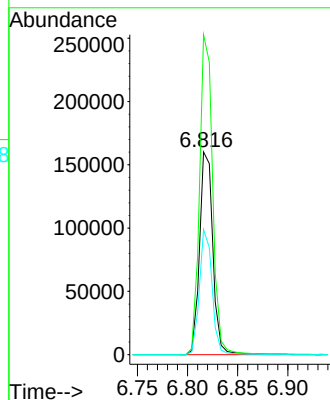
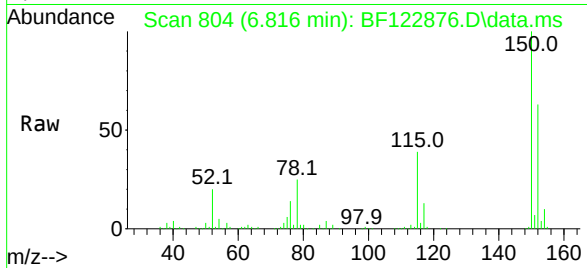




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.816 min Scan# 804
 Delta R.T. -0.006 min
 Lab File: BF122876.D
 Acq: 30 Dec 2020 13:29

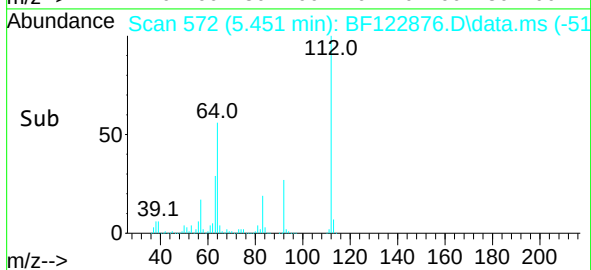
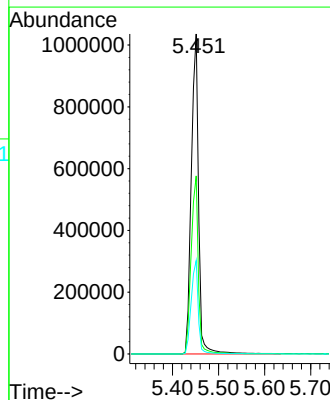
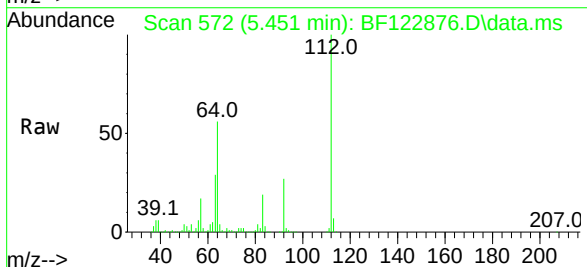
Instrument :
 BNA_F
 ClientSampleId :
 PB133863BL

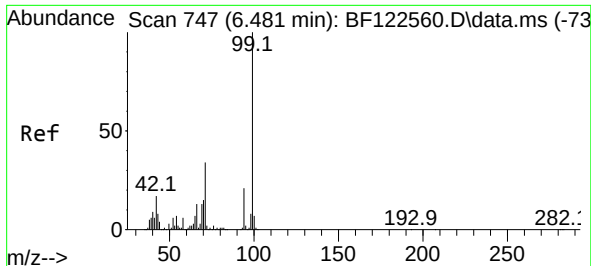
Tgt Ion:152 Resp: 148998
 Ion Ratio Lower Upper
 152 100
 150 157.8 125.8 188.6
 115 61.7 49.3 73.9



#5
 2-Fluorophenol
 Concen: 120.32 ng
 RT: 5.451 min Scan# 572
 Delta R.T. 0.017 min
 Lab File: BF122876.D
 Acq: 30 Dec 2020 13:29

Tgt Ion:112 Resp: 1132405
 Ion Ratio Lower Upper
 112 100
 64 55.6 46.9 70.3
 63 29.2 24.5 36.7

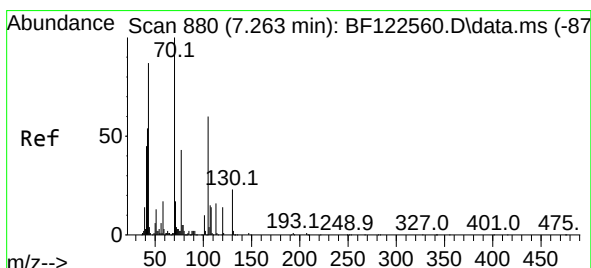
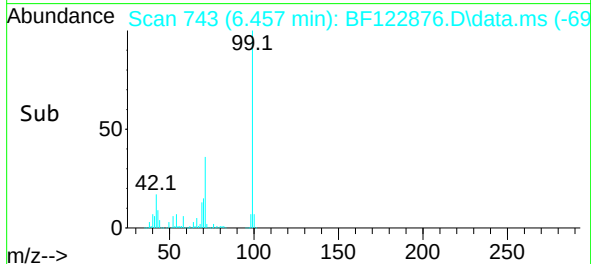
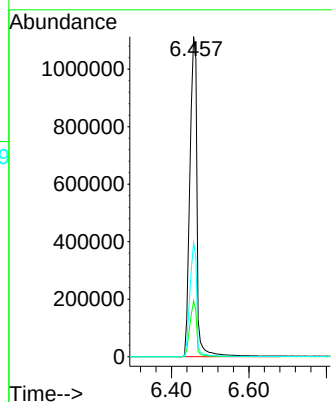
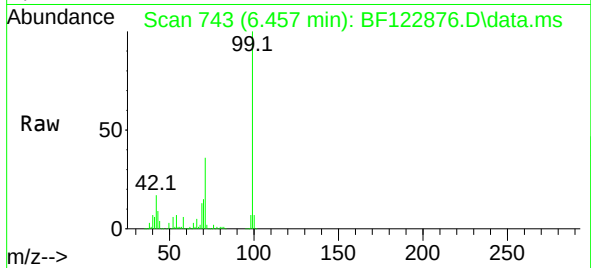




#7
Phenol-d6
Concen: 114.14 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.000 min
Lab File: BF122876.D
Acq: 30 Dec 2020 13:29

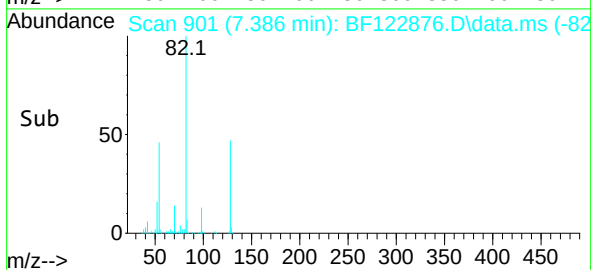
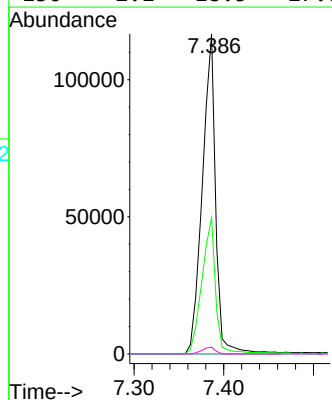
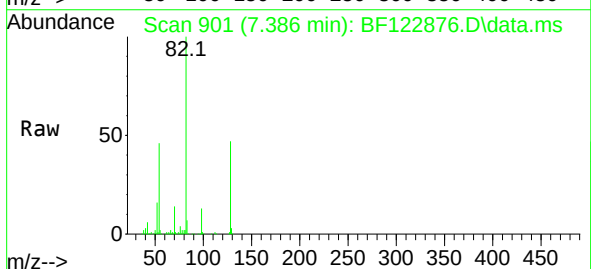
Instrument :
BNA_F
ClientSampleId :
PB133863BL

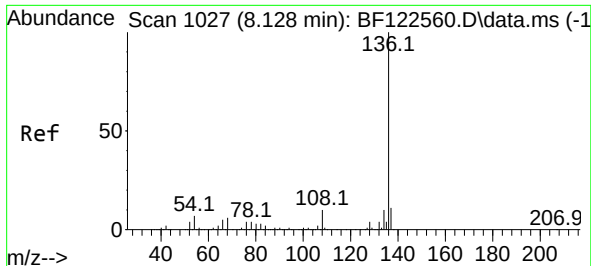
Tgt Ion: 99 Resp: 1424713
Ion Ratio Lower Upper
99 100
42 17.4 13.8 20.6
71 35.7 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 16.86 ng
RT: 7.386 min Scan# 901
Delta R.T. 0.147 min
Lab File: BF122876.D
Acq: 30 Dec 2020 13:29

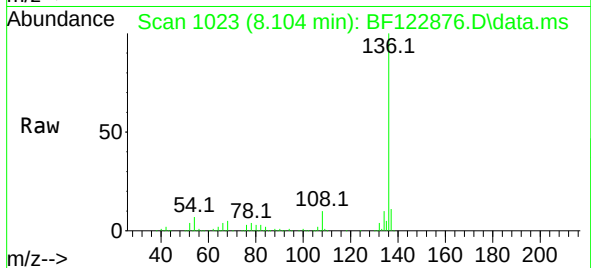
Tgt Ion: 70 Resp: 120523
Ion Ratio Lower Upper
70 100
42 42.6 43.0 64.4#
101 0.0 7.9 11.9#
130 2.1 18.5 27.7#



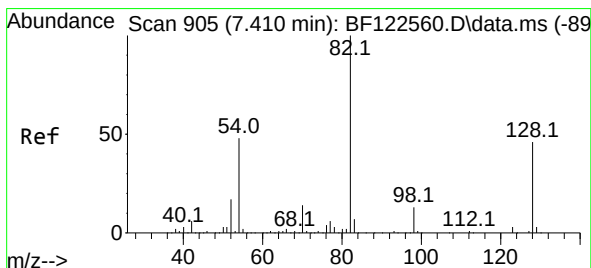
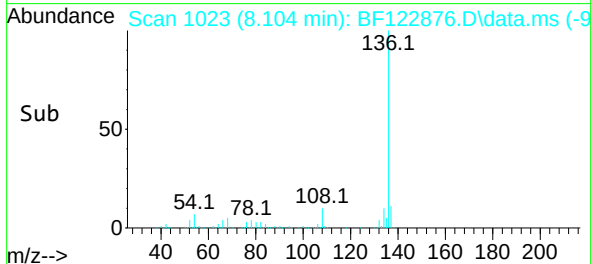
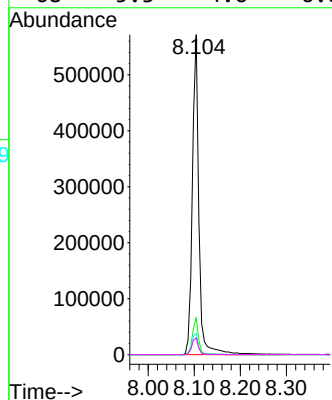


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF122876.D
Acq: 30 Dec 2020 13:29

Instrument :
BNA_F
ClientSampleId :
PB133863BL

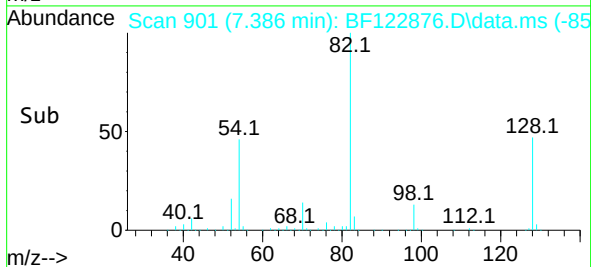
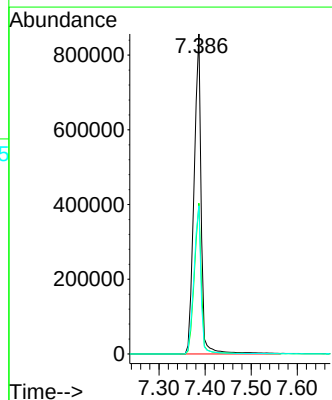
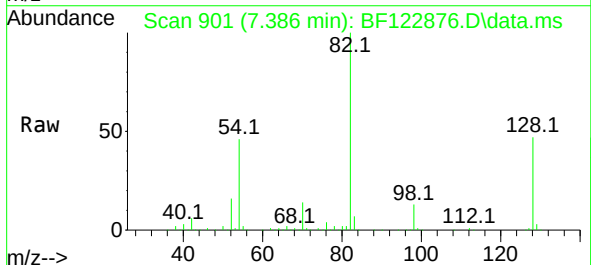


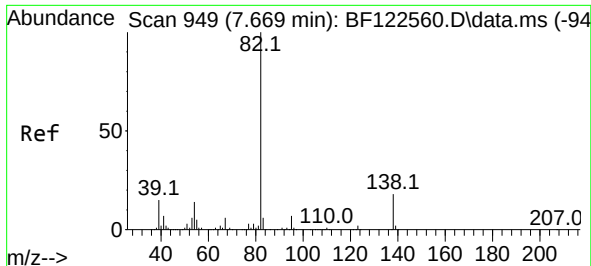
Tgt Ion:136	Resp: 560790
Ion Ratio	Lower Upper
136	100
137	11.5 8.8 13.2
54	6.6 5.5 8.3
68	5.3 4.6 6.8



#23
Nitrobenzene-d5
Concen: 82.26 ng
RT: 7.386 min Scan# 901
Delta R.T. -0.006 min
Lab File: BF122876.D
Acq: 30 Dec 2020 13:29

Tgt Ion: 82	Resp: 920684
Ion Ratio	Lower Upper
82	100
128	47.1 37.0 55.4
54	46.3 38.4 57.6

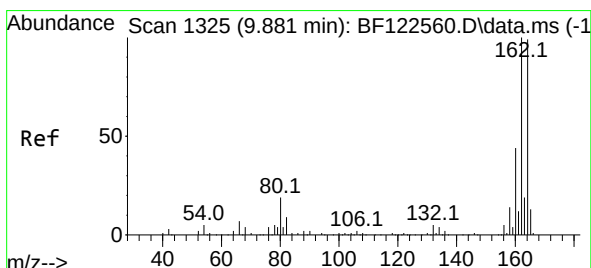
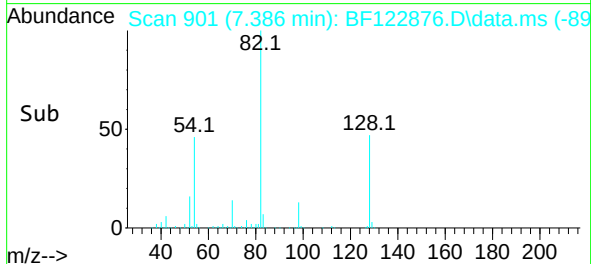
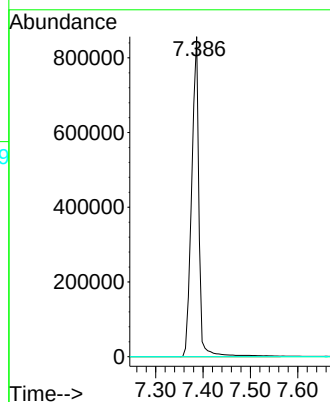
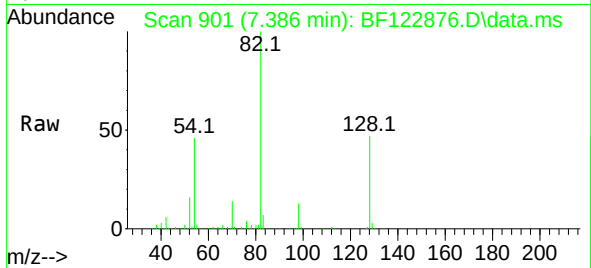




#25
Isophorone
Concen: 47.76 ng
RT: 7.386 min Scan# 901
Delta R.T. -0.259 min
Lab File: BF122876.D
Acq: 30 Dec 2020 13:29

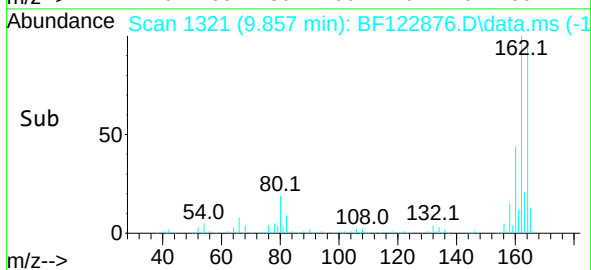
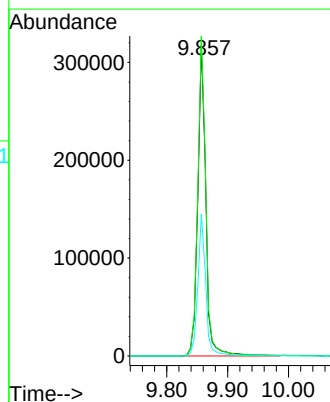
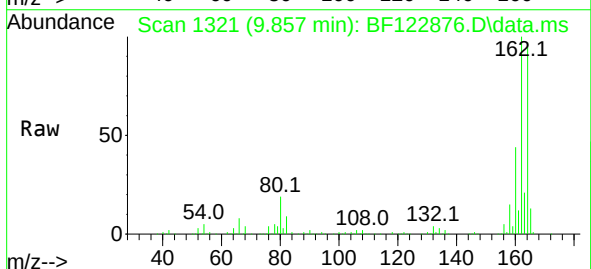
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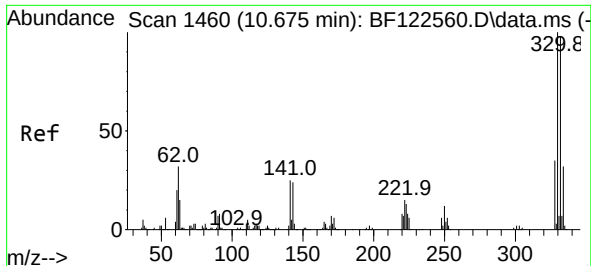
Tgt Ion: 82 Resp: 920678
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF122876.D
Acq: 30 Dec 2020 13:29

Tgt Ion:164 Resp: 293997
Ion Ratio Lower Upper
164 100
162 102.9 80.8 121.2
160 45.6 35.4 53.0

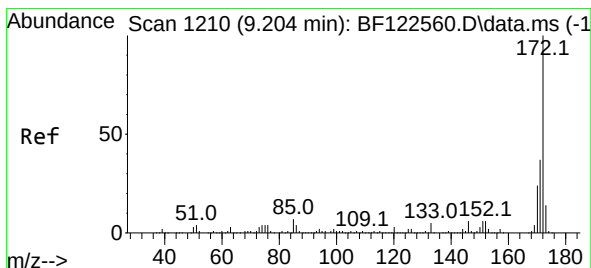
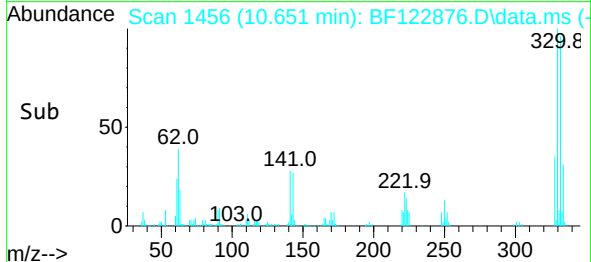
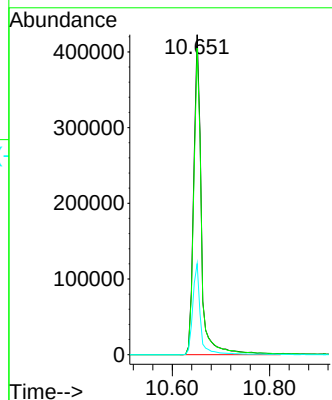
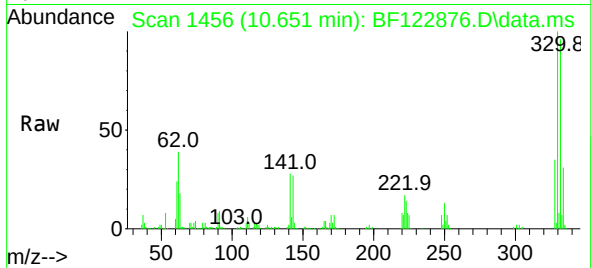




#42
 2,4,6-Tribromophenol
 Concen: 120.66 ng
 RT: 10.651 min Scan# 1456
 Delta R.T. -0.000 min
 Lab File: BF122876.D
 Acq: 30 Dec 2020 13:29

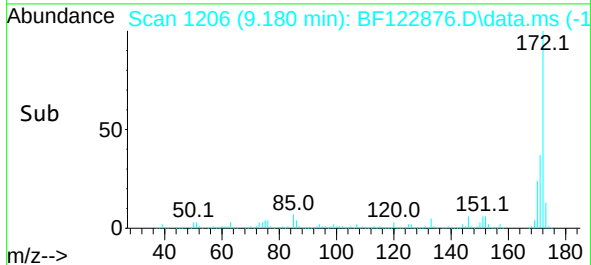
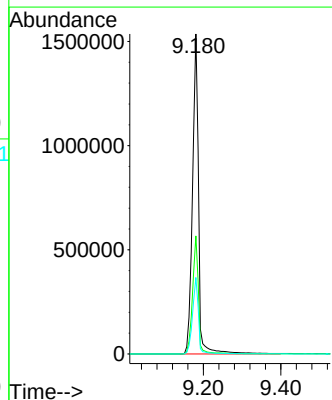
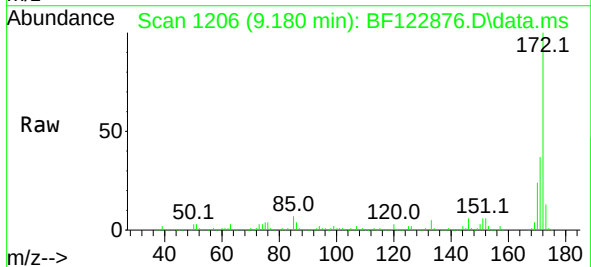
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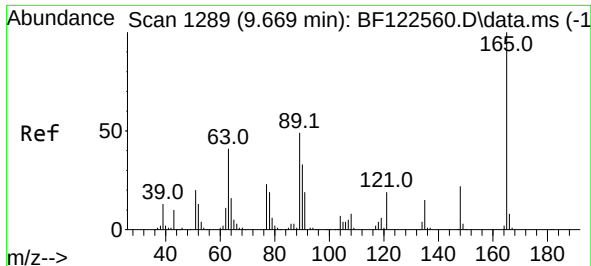
Tgt Ion: 330 Resp: 464327
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.5 116.3
 141 28.3 23.8 35.8



#45
 2-Fluorobiphenyl
 Concen: 77.08 ng
 RT: 9.180 min Scan# 1206
 Delta R.T. -0.006 min
 Lab File: BF122876.D
 Acq: 30 Dec 2020 13:29

Tgt Ion: 172 Resp: 1675392
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.6 44.4
 170 23.9 19.5 29.3

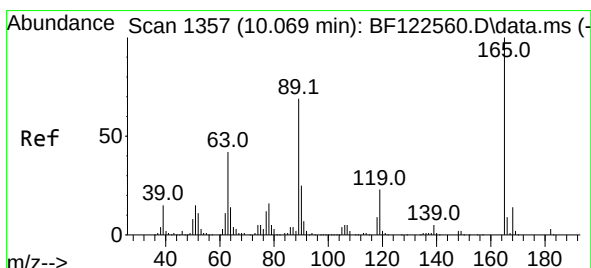
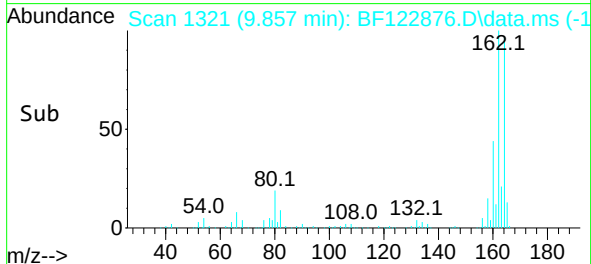
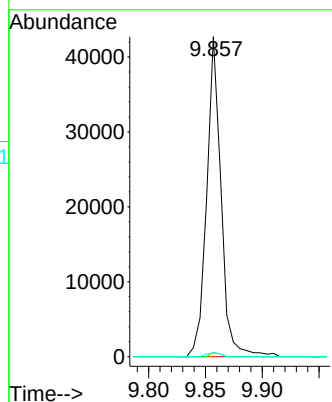
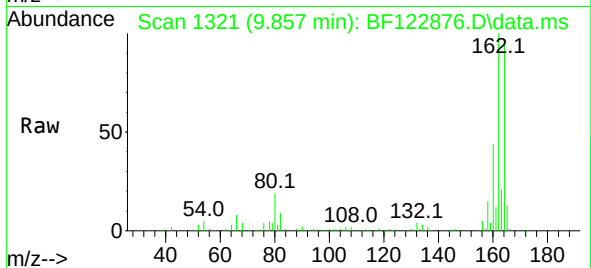




#51
2,6-Dinitrotoluene
Concen: 7.60 ng
RT: 9.857 min Scan# 1321
Delta R.T. 0.212 min
Lab File: BF122876.D
Acq: 30 Dec 2020 13:29

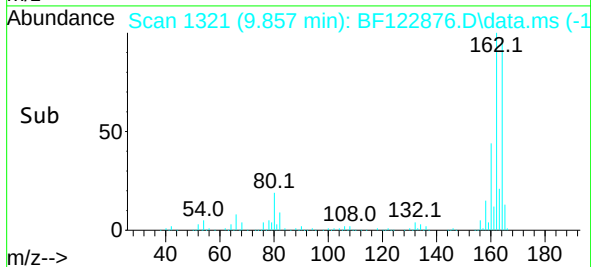
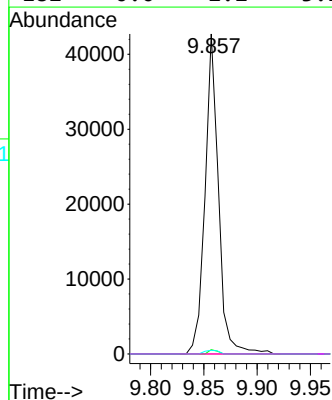
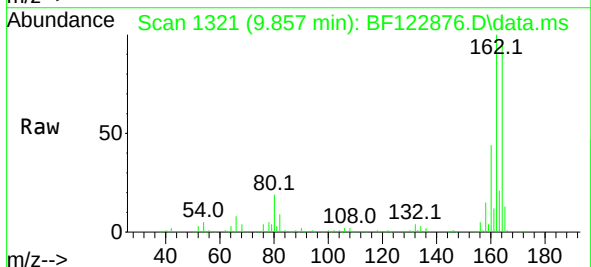
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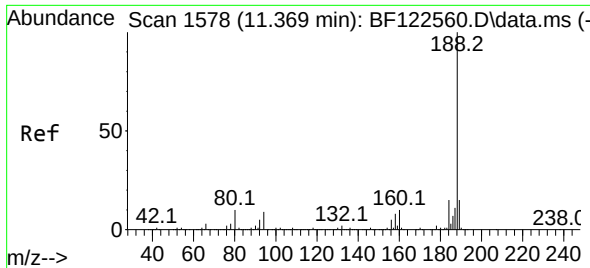
Tgt Ion:165 Resp: 37671
Ion Ratio Lower Upper
165 100
63 1.4 36.6 55.0#
89 1.1 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.70 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.194 min
Lab File: BF122876.D
Acq: 30 Dec 2020 13:29

Tgt Ion:165 Resp: 37672
Ion Ratio Lower Upper
165 100
63 1.4 34.3 51.5#
89 1.1 55.2 82.8#
182 0.0 2.2 3.2#

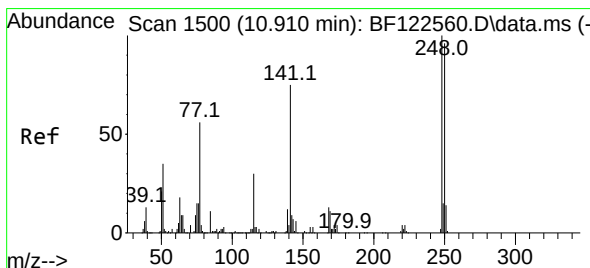
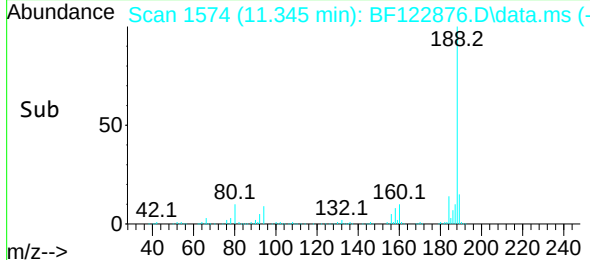
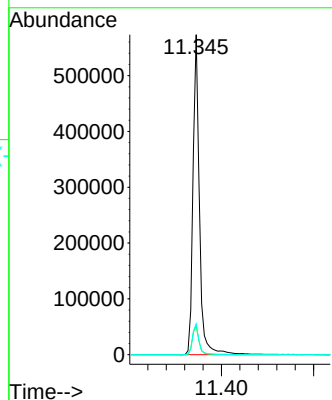
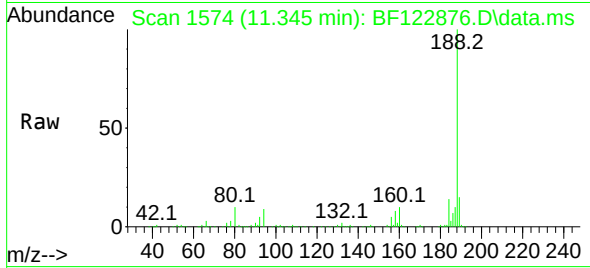




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BF122876.D
Acq: 30 Dec 2020 13:29

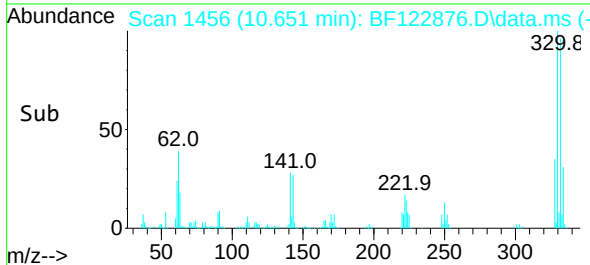
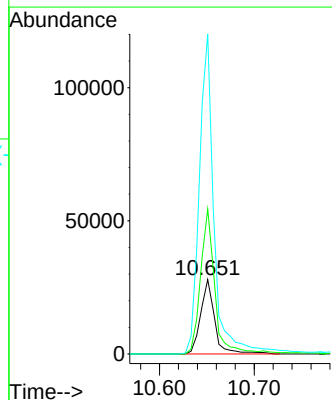
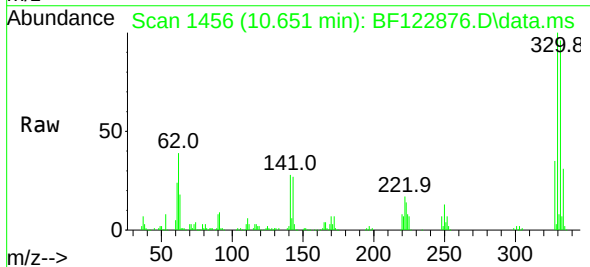
Instrument :
BNA_F
ClientSampleId :
PB133863BL

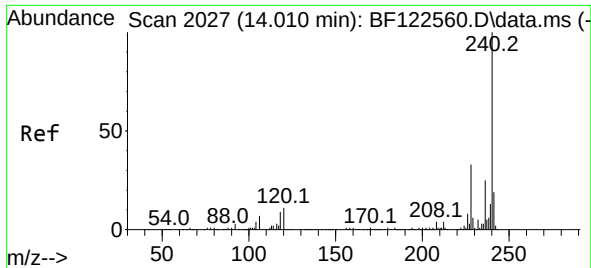
Tgt Ion:188 Resp: 555302
Ion Ratio Lower Upper
188 100
94 9.0 7.4 11.2
80 9.7 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 3.84 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.241 min
Lab File: BF122876.D
Acq: 30 Dec 2020 13:29

Tgt Ion:248 Resp: 28870
Ion Ratio Lower Upper
248 100
250 195.0 76.8 115.2#
141 430.4 59.8 89.8#

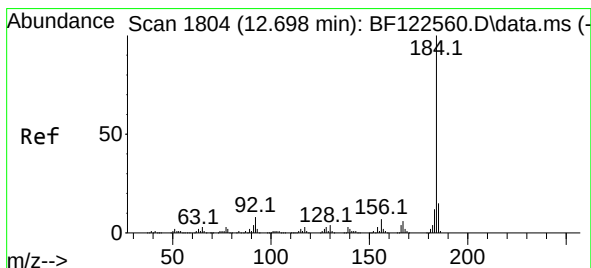
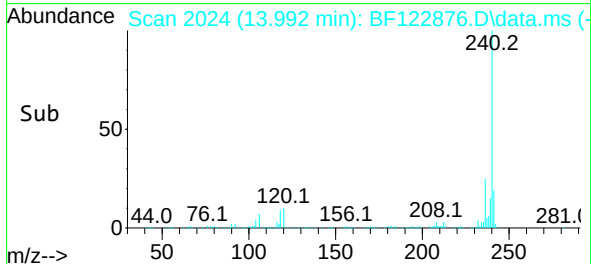
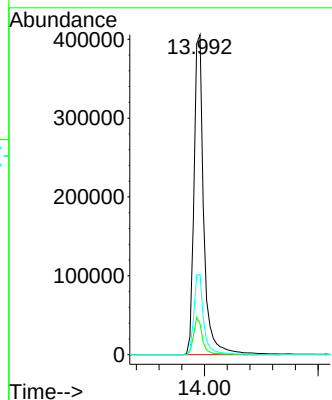
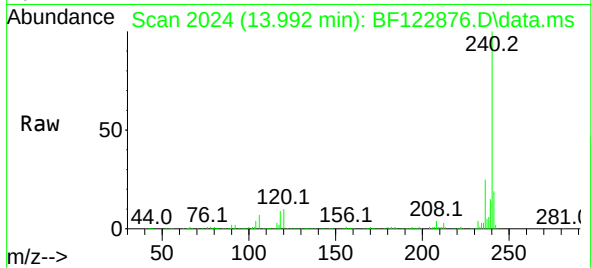




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.992 min Scan# 2024
Delta R.T. 0.006 min
Lab File: BF122876.D
Acq: 30 Dec 2020 13:29

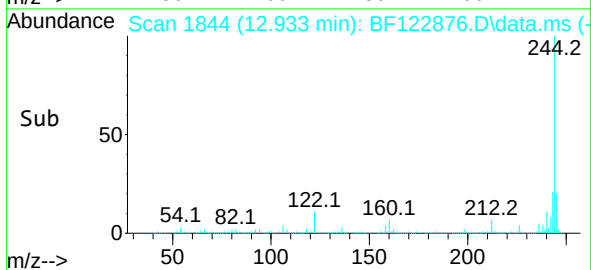
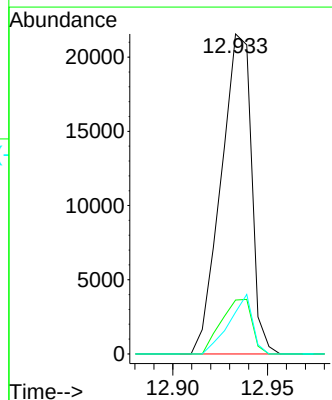
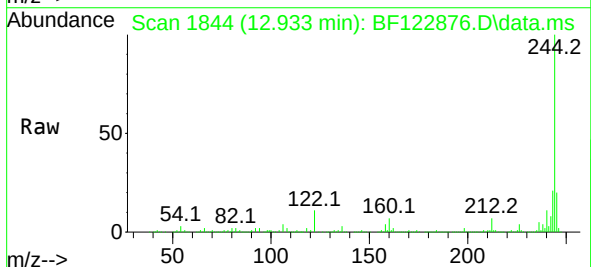
Instrument :
BNA_F
ClientSampleId :
PB133863BL

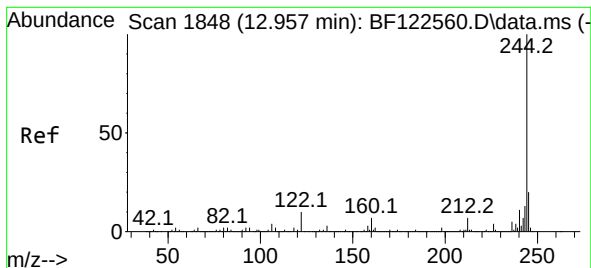
Tgt Ion:240 Resp: 487311
Ion Ratio Lower Upper
240 100
120 9.7 8.6 12.8
236 25.1 20.3 30.5



#77
Benzidine
Concen: 2.28 ng
RT: 12.933 min Scan# 1844
Delta R.T. 0.253 min
Lab File: BF122876.D
Acq: 30 Dec 2020 13:29

Tgt Ion:184 Resp: 24065
Ion Ratio Lower Upper
184 100
185 16.8 11.8 17.6
183 13.0 9.7 14.5





#79

Terphenyl-d14

Concen: 67.87 ng

RT: 12.939 min Scan# 1845

Delta R.T. 0.006 min

Lab File: BF122876.D

Acq: 30 Dec 2020 13:29

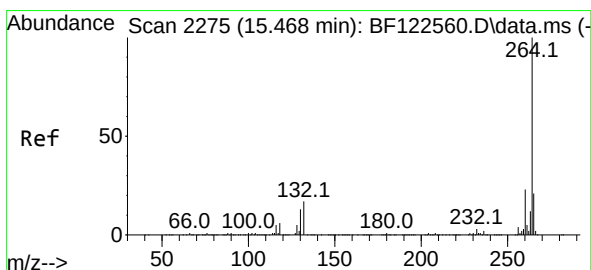
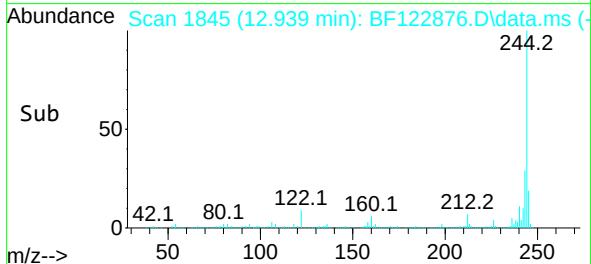
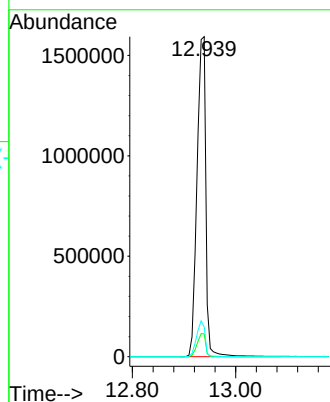
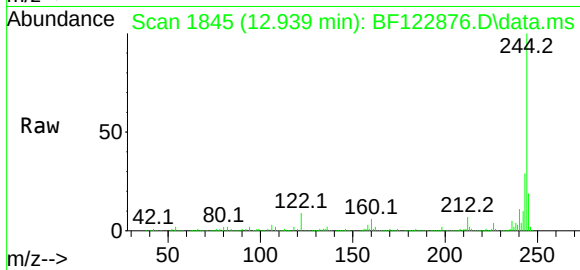
Tgt Ion:244 Resp: 1889494

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

122 9.3 8.3 12.5



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.457 min Scan# 2273

Delta R.T. 0.017 min

Lab File: BF122876.D

Acq: 30 Dec 2020 13:29

Tgt Ion:264 Resp: 443279

Ion Ratio Lower Upper

264 100

260 23.7 18.6 28.0

265 21.8 17.0 25.6

