

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110420\
 Data File : BF122258.D
 Acq On : 4 Nov 2020 12:24
 Operator : JU/CG
 Sample : PB132766BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB132766BL

Quant Time: Nov 04 13:04:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 30 10:16:54 2020
 Response via : Initial Calibration

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

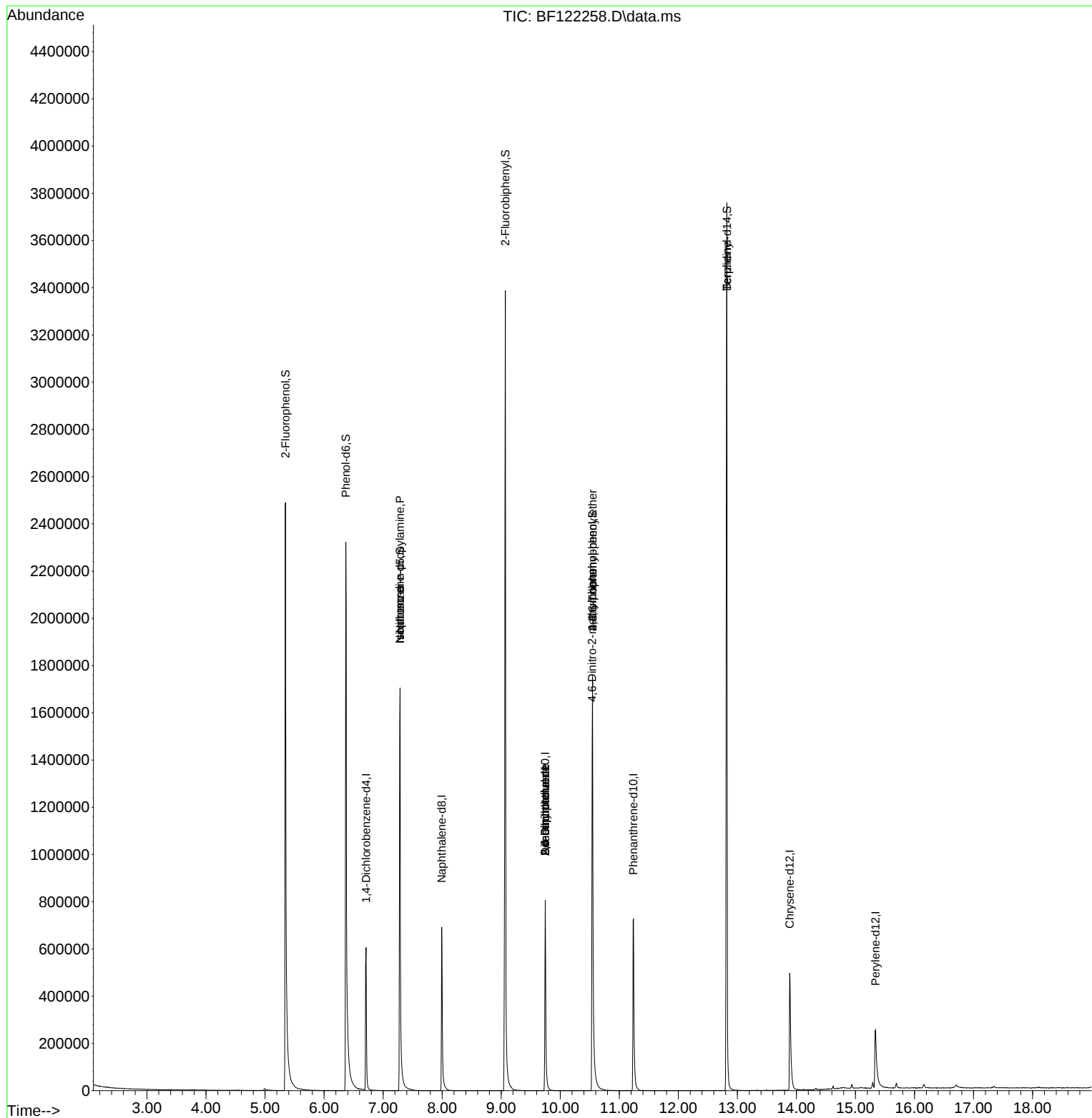
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.710	152	99479	20.00	ng	0.00
21) Naphthalene-d8	7.992	136	397935	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	207466	20.00	ng	0.00
64) Phenanthrene-d10	11.239	188	404130	20.00	ng	0.00
76) Chrysene-d12	13.886	240	297145	20.00	ng	0.00
86) Perylene-d12	15.339	264	238729	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.345	112	870864	129.20	ng	0.01
7) Phenol-d6	6.369	99	1094051	126.09	ng	0.00
23) Nitrobenzene-d5	7.286	82	731420	94.26	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	320327	124.82	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	1276034	90.50	ng	0.00
79) Terphenyl-d14	12.821	244	1381348	88.59	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.369	77	1497	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.286	70	98779	20.00	ng	# 77
25) Isophorone	7.286	82	732711	49.94	ng	# 67
50) Dimethylphthalate	9.745	163	33497	2.21	ng	# 1
51) 2,6-Dinitrotoluene	9.745	165	26236	7.88	ng	# 21
57) 2,4-Dinitrotoluene	9.745	165	26236	6.40	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.539	198	540	4.61	ng	# 1
67) 4-Bromophenyl-phenylether	10.545	248	19048	4.08	ng	# 1
77) Benzidine	12.821	184	18737	2.05	ng	# 90

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

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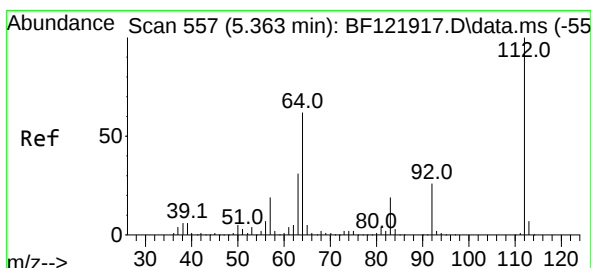
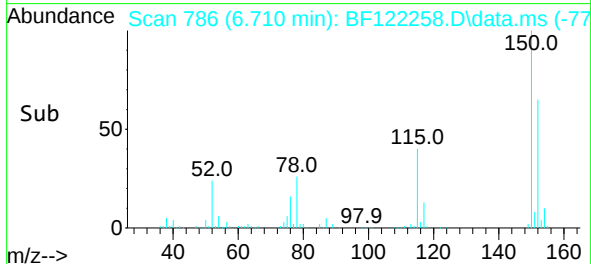
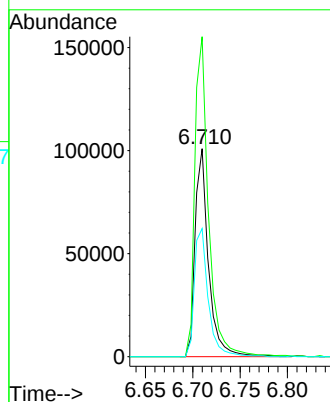
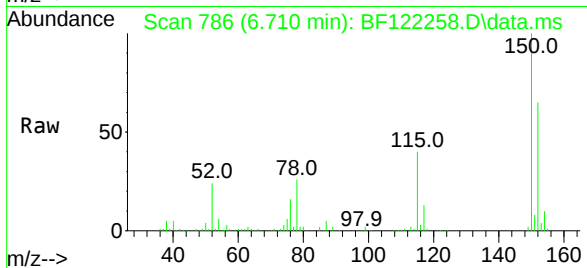




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.710 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF122258.D
Acq: 4 Nov 2020 12:24

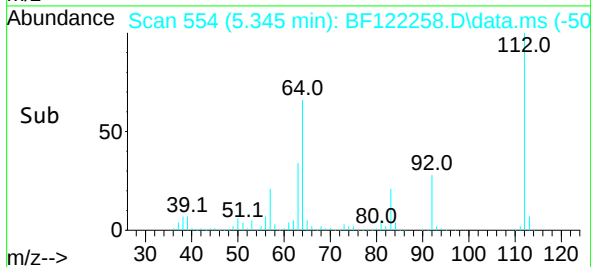
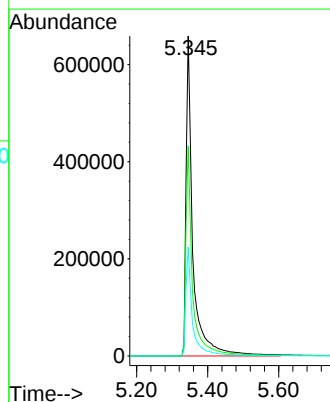
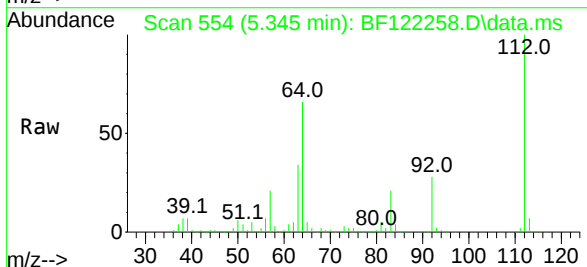
Instrument :
BNA_F
ClientSampleId :
PB132766BL

Tgt Ion:152 Resp: 99479
Ion Ratio Lower Upper
152 100
150 153.8 125.3 187.9
115 61.6 51.9 77.9



#5
2-Fluorophenol
Concen: 129.20 ng
RT: 5.345 min Scan# 554
Delta R.T. 0.012 min
Lab File: BF122258.D
Acq: 4 Nov 2020 12:24

Tgt Ion:112 Resp: 870864
Ion Ratio Lower Upper
112 100
64 65.5 50.4 75.6
63 34.0 25.8 38.6

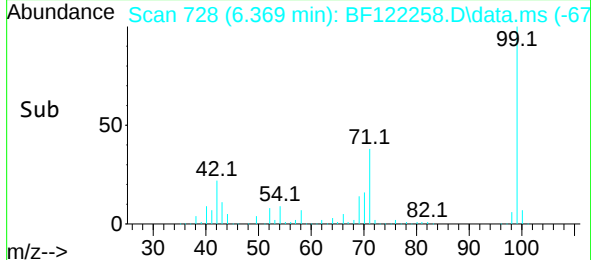
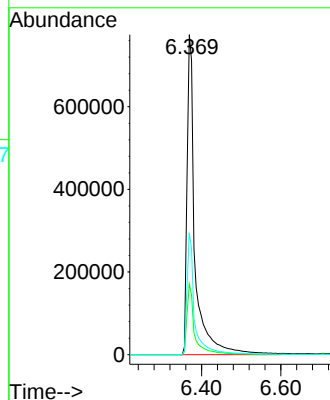
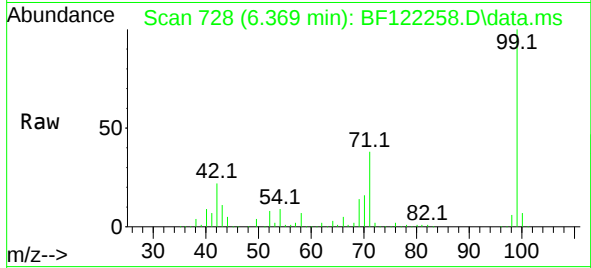




#7
Phenol-d6
Concen: 126.09 ng
RT: 6.369 min Scan# 728
Delta R.T. -0.000 min
Lab File: BF122258.D
Acq: 4 Nov 2020 12:24

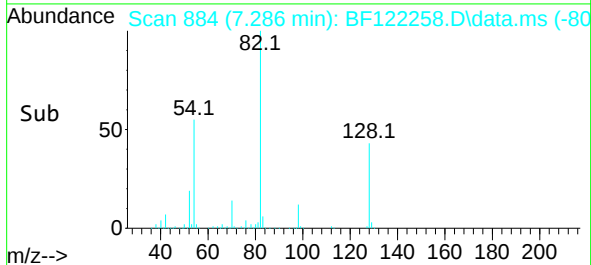
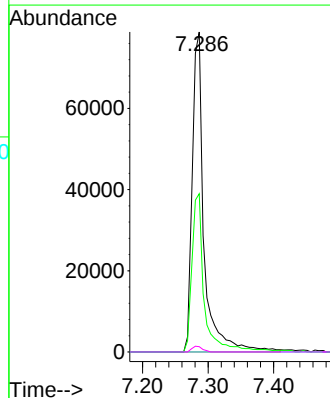
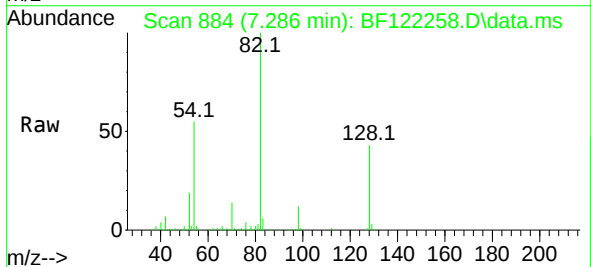
Instrument :
BNA_F
ClientSampleId :
PB132766BL

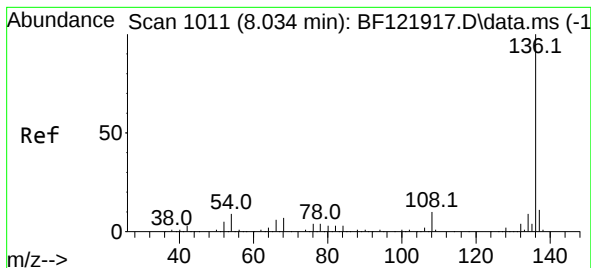
Tgt Ion: 99 Resp: 1094051
Ion Ratio Lower Upper
99 100
42 22.1 15.9 23.9
71 38.1 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 20.00 ng
RT: 7.286 min Scan# 884
Delta R.T. 0.147 min
Lab File: BF122258.D
Acq: 4 Nov 2020 12:24

Tgt Ion: 70 Resp: 98779
Ion Ratio Lower Upper
70 100
42 49.4 50.2 75.4#
101 0.0 7.5 11.3#
130 1.6 15.5 23.3#



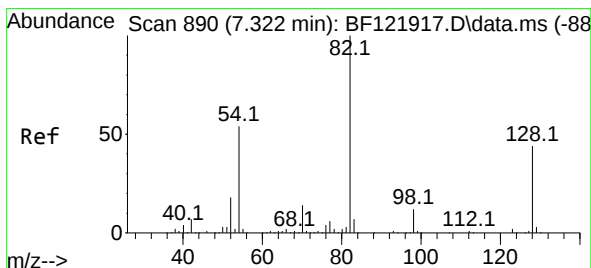
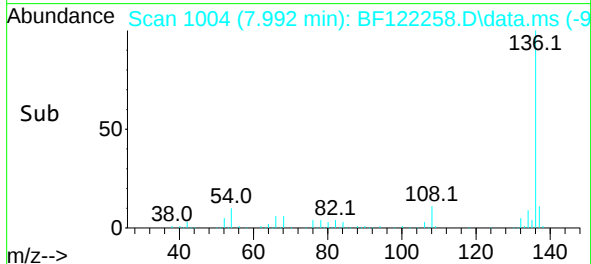
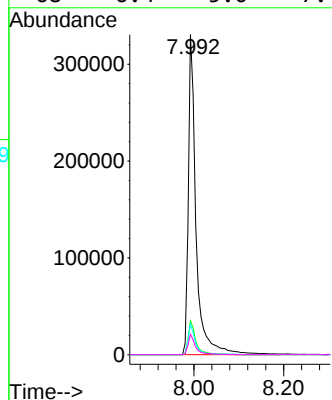
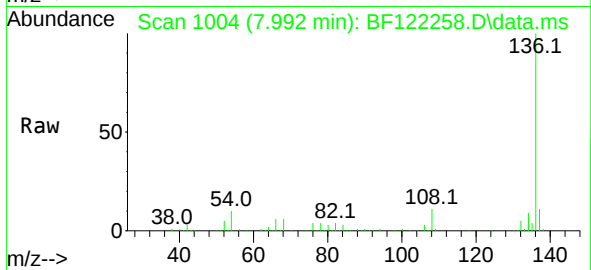


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.992 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF122258.D
Acq: 4 Nov 2020 12:24

Instrument :
BNA_F
ClientSampleId :
PB132766BL

Tgt Ion:136 Resp: 397935

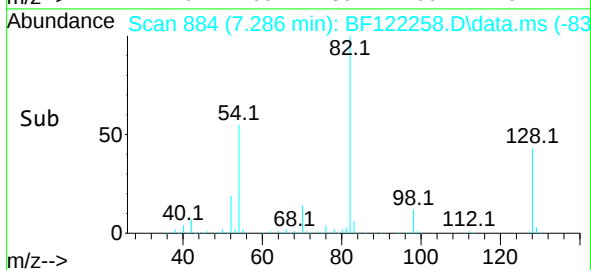
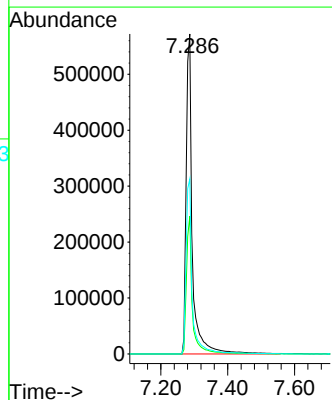
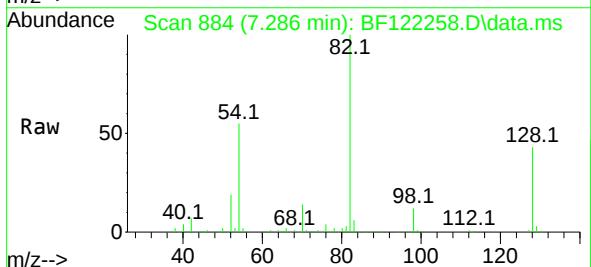
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	9.6	7.1	10.7
68	6.4	5.0	7.4



#23
Nitrobenzene-d5
Concen: 94.26 ng
RT: 7.286 min Scan# 884
Delta R.T. -0.000 min
Lab File: BF122258.D
Acq: 4 Nov 2020 12:24

Tgt Ion: 82 Resp: 731420

Ion	Ratio	Lower	Upper
82	100		
128	43.0	35.0	52.4
54	54.7	43.9	65.9

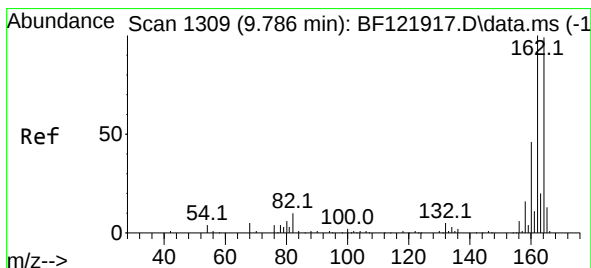
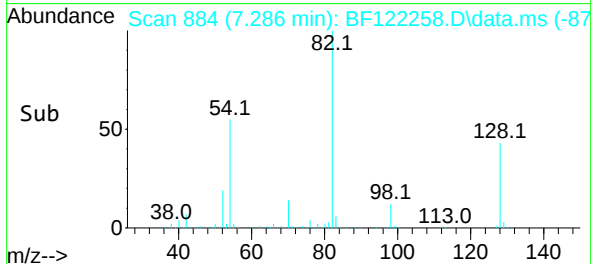
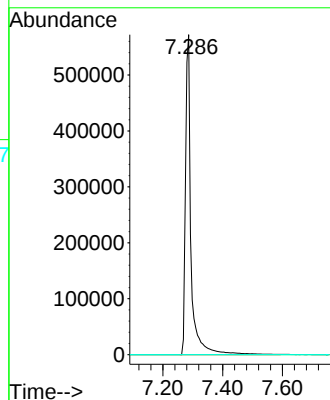
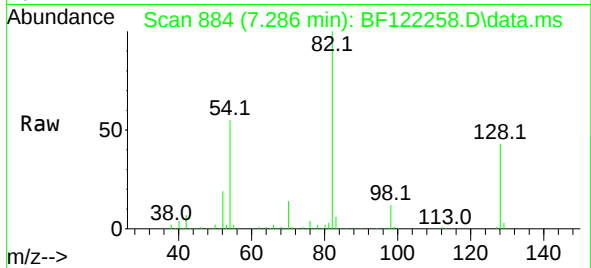




#25
Isophorone
Concen: 49.94 ng
RT: 7.286 min Scan# 884
Delta R.T. -0.259 min
Lab File: BF122258.D
Acq: 4 Nov 2020 12:24

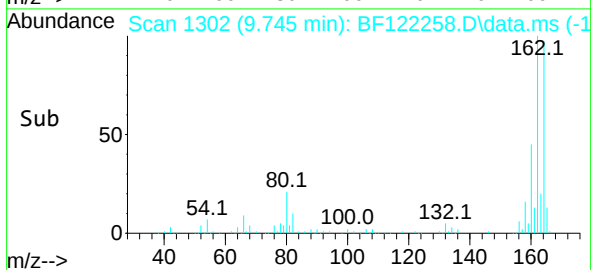
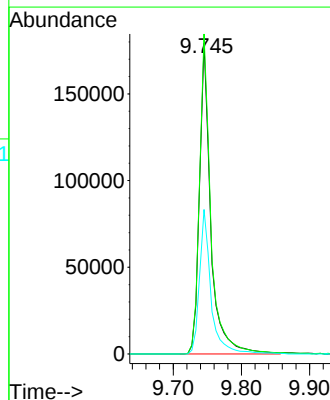
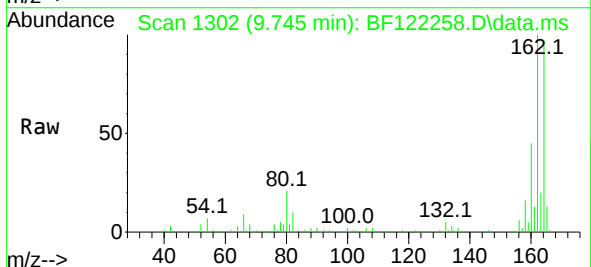
Instrument :
BNA_F
ClientSampleId :
PB132766BL

Tgt Ion: 82 Resp: 732711
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF122258.D
Acq: 4 Nov 2020 12:24

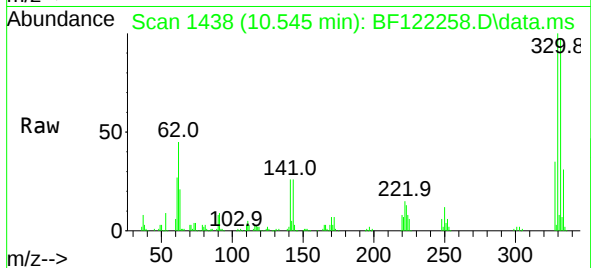
Tgt Ion:164 Resp: 207466
Ion Ratio Lower Upper
164 100
162 103.0 83.2 124.8
160 46.5 37.5 56.3



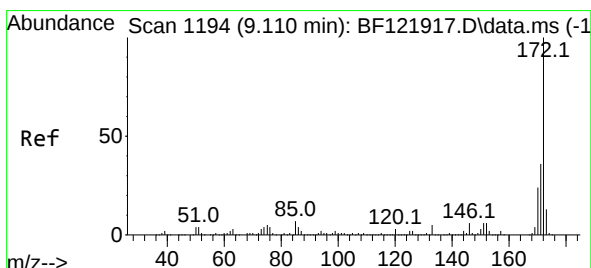
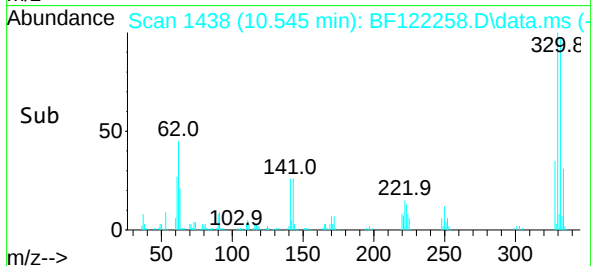
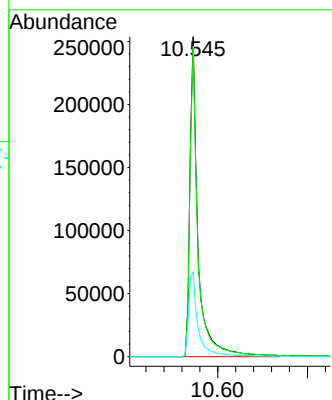


#42
2,4,6-Tribromophenol
Concen: 124.82 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.000 min
Lab File: BF122258.D
Acq: 4 Nov 2020 12:24

Instrument :
BNA_F
ClientSampleId :
PB132766BL

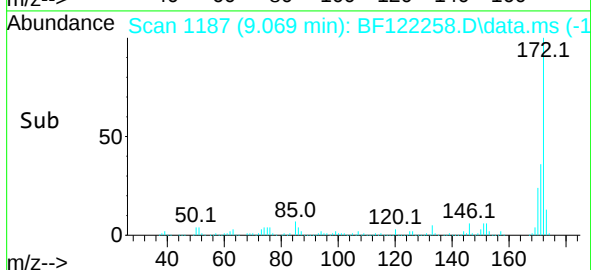
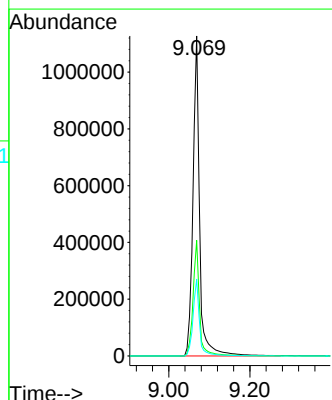
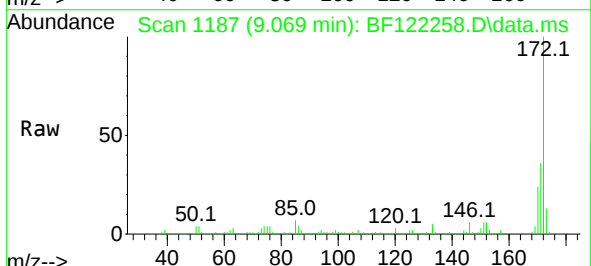


Tgt Ion:330 Resp: 320327
Ion Ratio Lower Upper
330 100
332 96.5 77.3 115.9
141 30.9 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 90.50 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF122258.D
Acq: 4 Nov 2020 12:24

Tgt Ion:172 Resp: 1276034
Ion Ratio Lower Upper
172 100
171 36.2 29.1 43.7
170 24.1 19.8 29.6

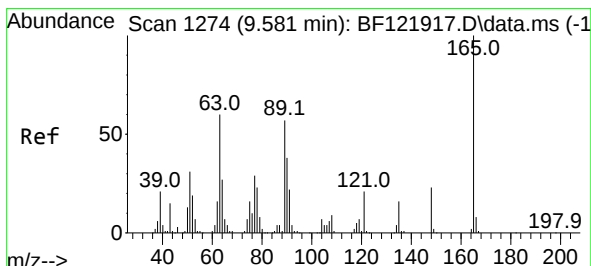
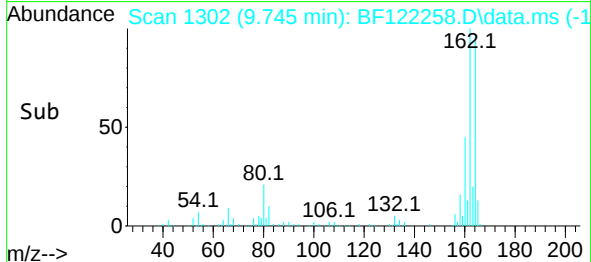
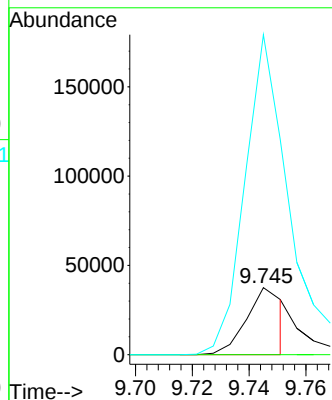
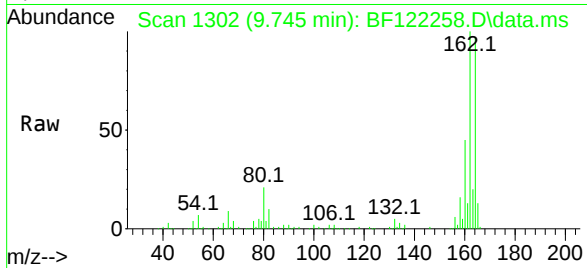




#50
Dimethylphthalate
Concen: 2.21 ng
RT: 9.745 min Scan# 1302
Delta R.T. 0.264 min
Lab File: BF122258.D
Acq: 4 Nov 2020 12:24

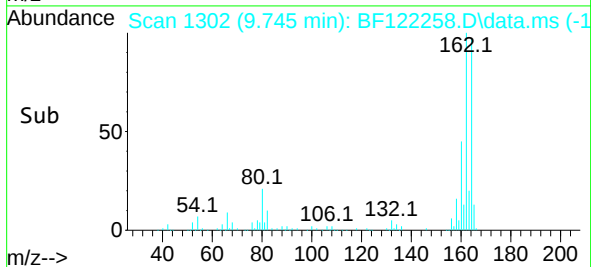
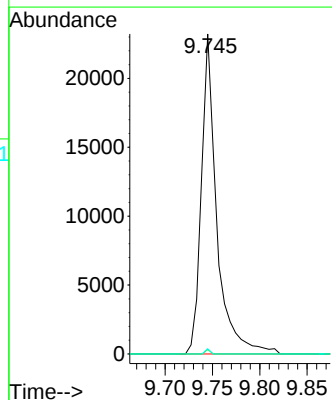
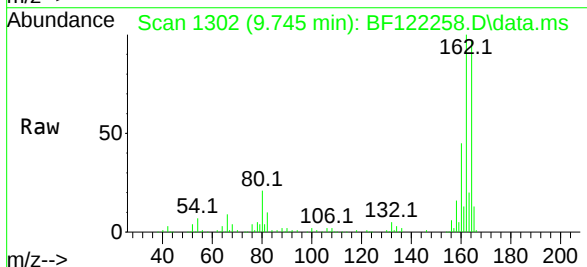
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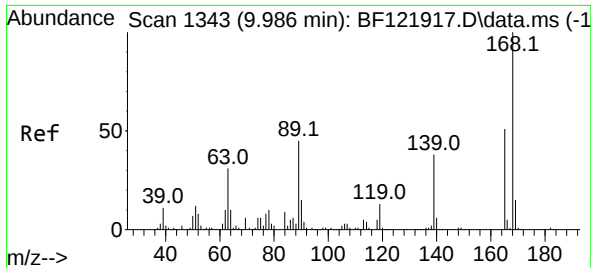
Tgt Ion:163 Resp: 33497
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 477.7 8.2 12.4#



#51
2,6-Dinitrotoluene
Concen: 7.88 ng
RT: 9.745 min Scan# 1302
Delta R.T. 0.194 min
Lab File: BF122258.D
Acq: 4 Nov 2020 12:24

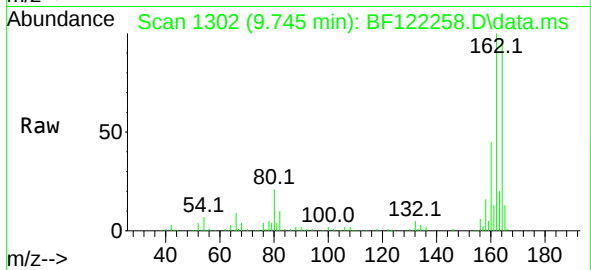
Tgt Ion:165 Resp: 26236
Ion Ratio Lower Upper
165 100
63 1.4 51.8 77.6#
89 1.6 49.0 73.6#



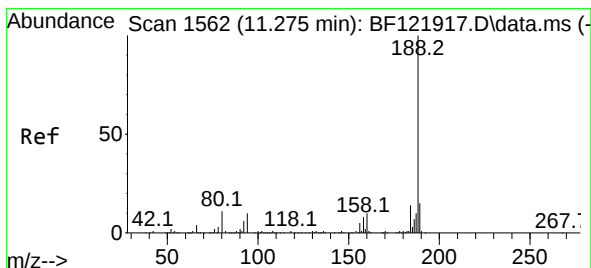
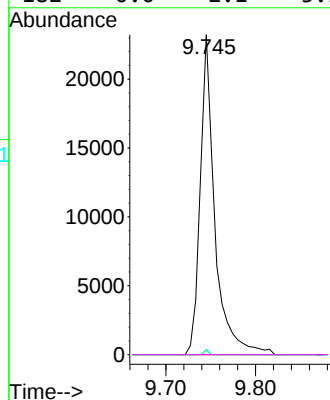
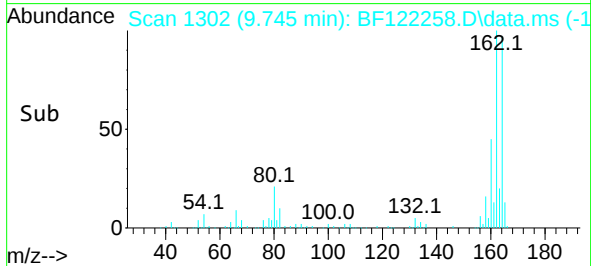


#57
2,4-Dinitrotoluene
Concen: 6.40 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.218 min
Lab File: BF122258.D
Acq: 4 Nov 2020 12:24

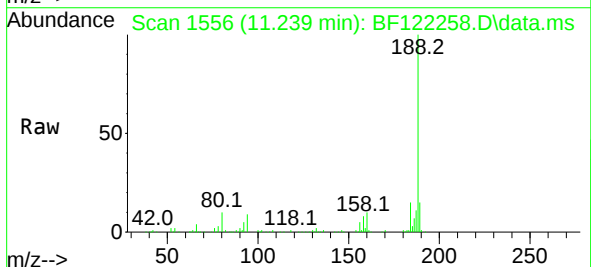
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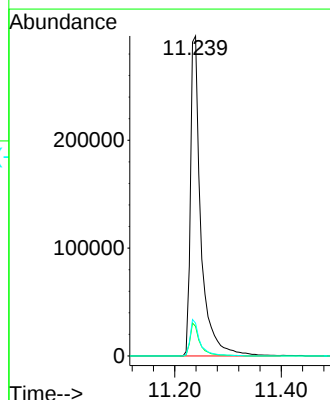
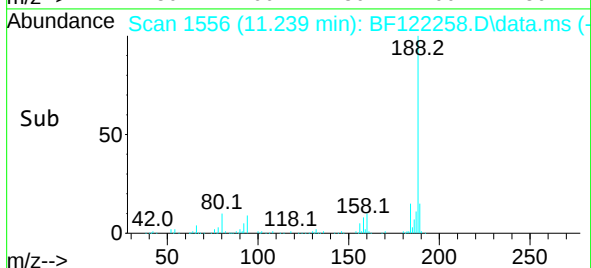
Tgt Ion:165 Resp: 26236
Ion Ratio Lower Upper
165 100
63 1.4 41.3 61.9#
89 1.6 61.8 92.8#
182 0.0 2.1 3.1#

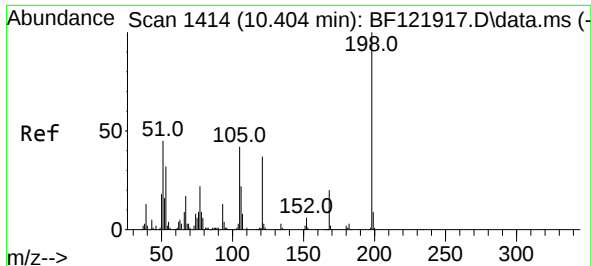


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.239 min Scan# 1556
Delta R.T. 0.006 min
Lab File: BF122258.D
Acq: 4 Nov 2020 12:24



Tgt Ion:188 Resp: 404130
Ion Ratio Lower Upper
188 100
94 9.3 8.3 12.5
80 10.2 9.1 13.7

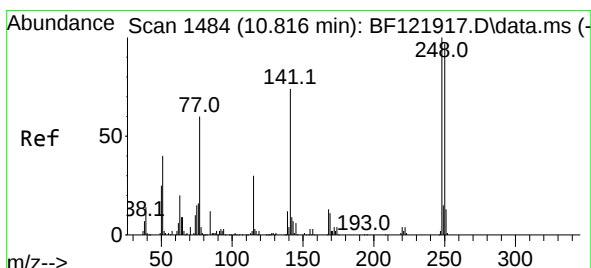
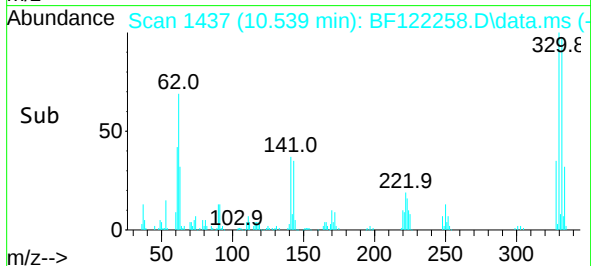
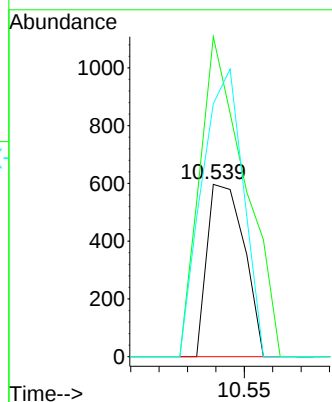
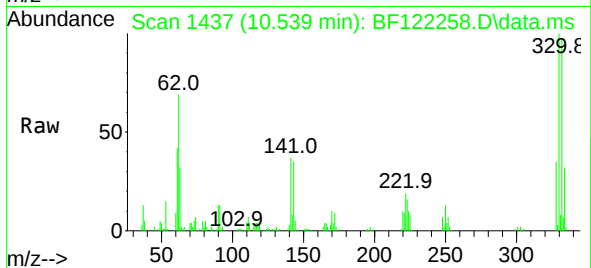




#65
4,6-Dinitro-2-methylphenol
Concen: 4.61 ng
RT: 10.539 min Scan# 1437
Delta R.T. 0.164 min
Lab File: BF122258.D
Acq: 4 Nov 2020 12:24

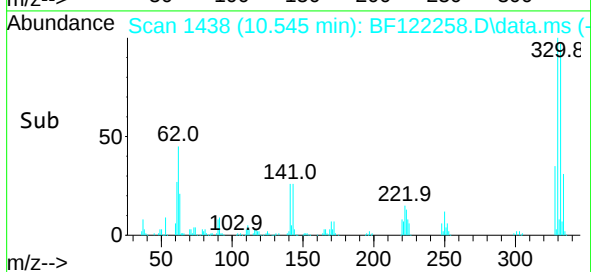
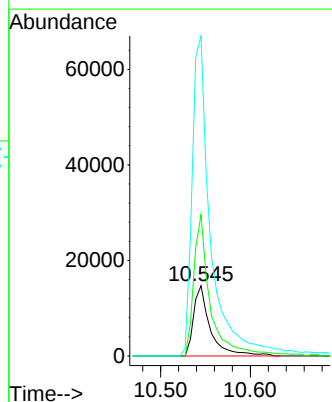
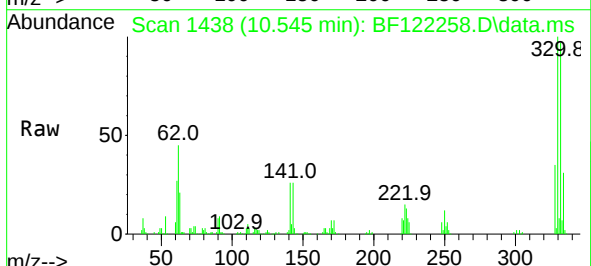
Instrument :
BNA_F
ClientSampleId :
PB132766BL

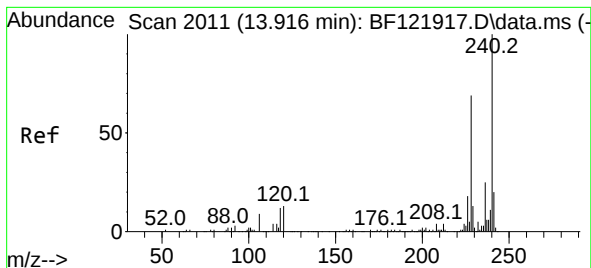
Tgt Ion:198 Resp: 540
Ion Ratio Lower Upper
198 100
51 185.6 29.6 69.6#
105 146.7 24.4 64.4#



#67
4-Bromophenyl-phenylether
Concen: 4.08 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.230 min
Lab File: BF122258.D
Acq: 4 Nov 2020 12:24

Tgt Ion:248 Resp: 19048
Ion Ratio Lower Upper
248 100
250 200.7 77.0 115.6#
141 455.1 53.7 80.5#

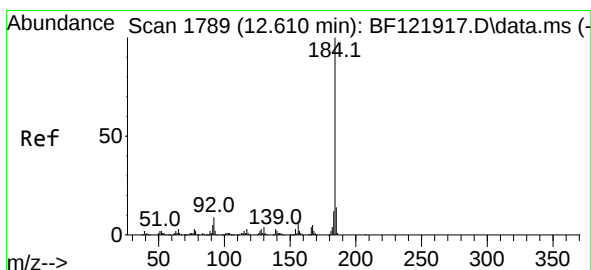
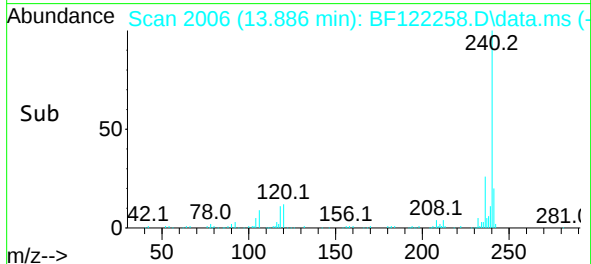
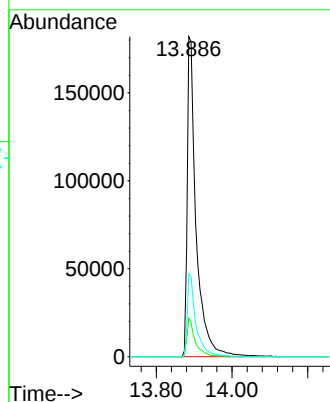
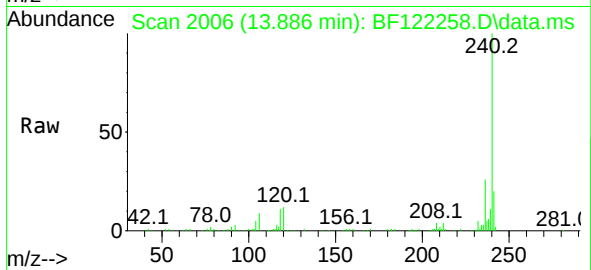




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.886 min Scan# 2006
Delta R.T. 0.006 min
Lab File: BF122258.D
Acq: 4 Nov 2020 12:24

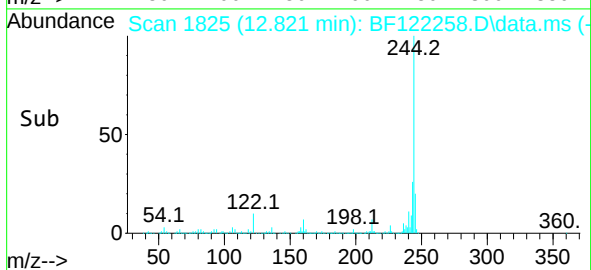
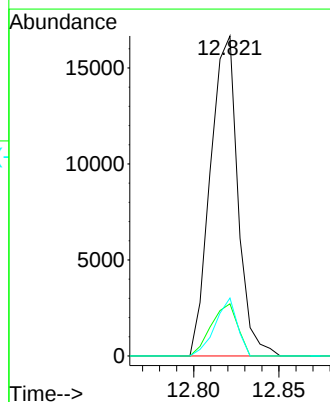
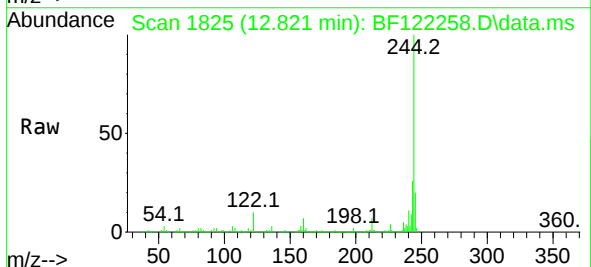
Instrument :
BNA_F
ClientSampleId :
PB132766BL

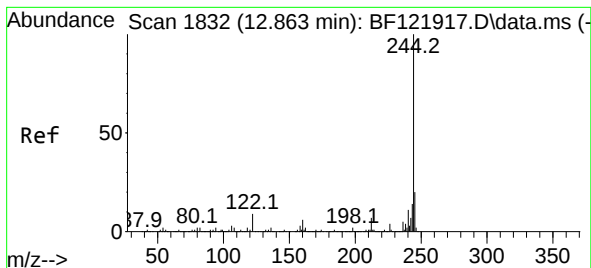
Tgt Ion:240 Resp: 297145
Ion Ratio Lower Upper
240 100
120 12.0 9.2 13.8
236 26.0 20.9 31.3



#77
Benzidine
Concen: 2.05 ng
RT: 12.821 min Scan# 1825
Delta R.T. 0.247 min
Lab File: BF122258.D
Acq: 4 Nov 2020 12:24

Tgt Ion:184 Resp: 18737
Ion Ratio Lower Upper
184 100
185 16.3 11.6 17.4
183 18.1 9.4 14.0#





#79

Terphenyl-d14

Concen: 88.59 ng

RT: 12.821 min Scan# 1825

Delta R.T. 0.006 min

Lab File: BF122258.D

Acq: 4 Nov 2020 12:24

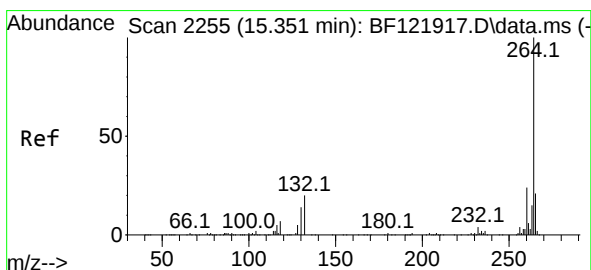
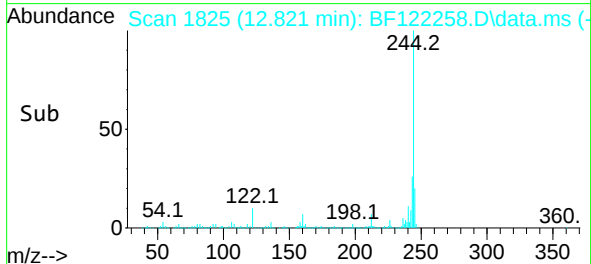
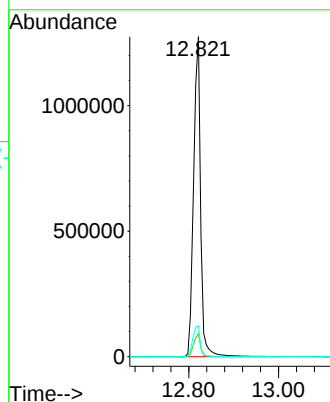
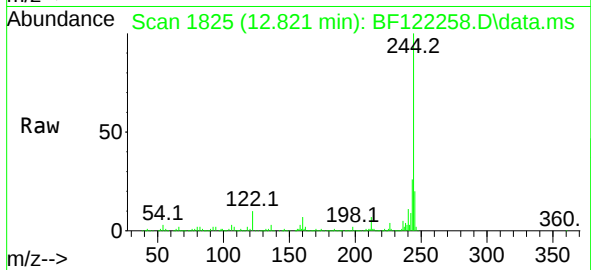
Tgt Ion:244 Resp: 1381348

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.2

122 9.7 8.1 12.1



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.339 min Scan# 2253

Delta R.T. 0.035 min

Lab File: BF122258.D

Acq: 4 Nov 2020 12:24

Tgt Ion:264 Resp: 238729

Ion Ratio Lower Upper

264 100

260 23.1 18.7 28.1

265 20.8 17.3 25.9

