

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101220\
 Data File : BF121922.D
 Acq On : 12 Oct 2020 17:08
 Operator : JU/CG
 Sample : PB132280BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB132280BL

Quant Time: Oct 12 17:55:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 12 16:22:33 2020
 Response via : Initial Calibration

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

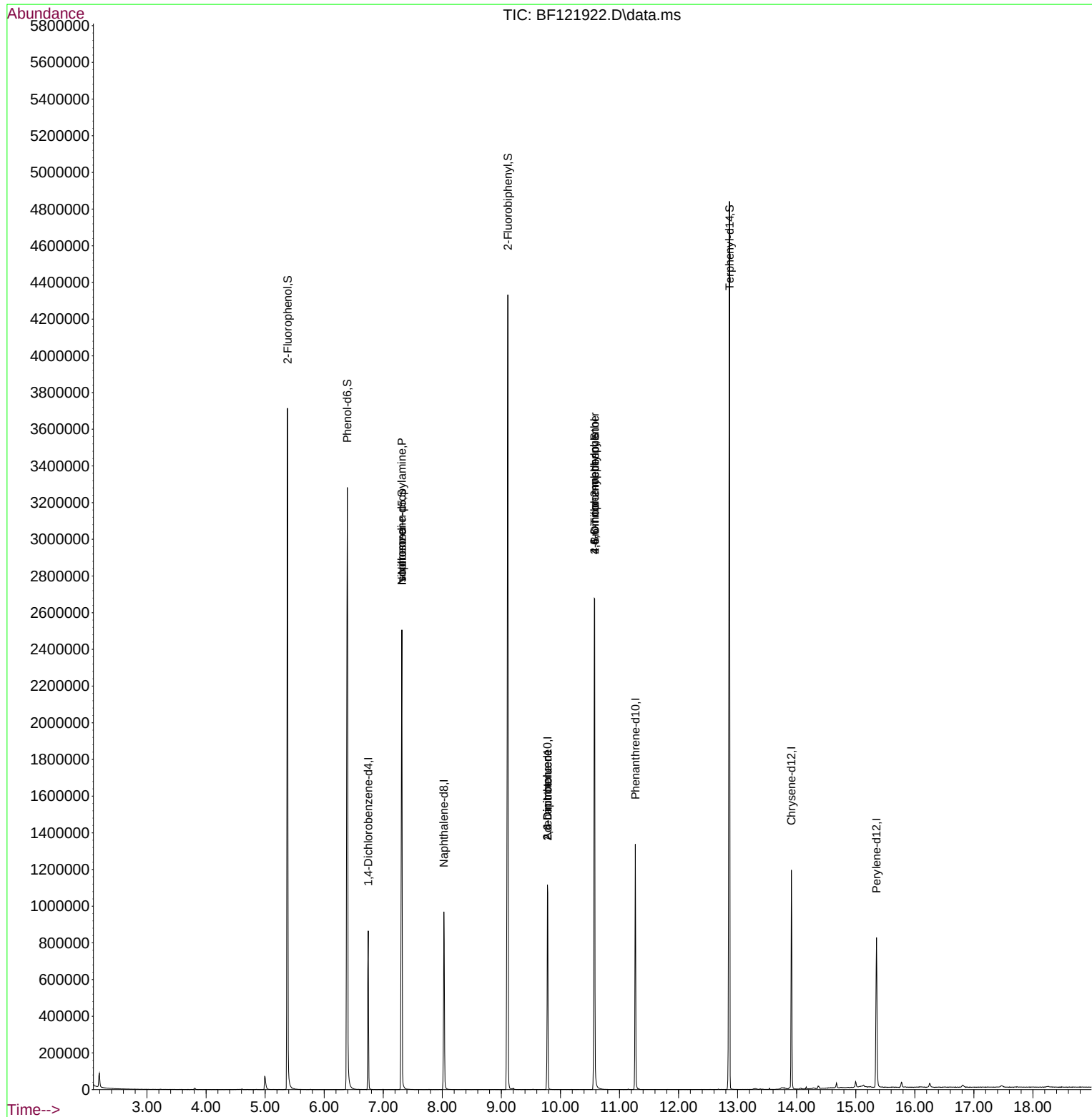
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	125739	20.00	ng	0.00
21) Naphthalene-d8	8.028	136	487028	20.00	ng	0.00
39) Acenaphthene-d10	9.780	164	253261	20.00	ng	0.00
64) Phenanthrene-d10	11.269	188	487557	20.00	ng	0.00
76) Chrysene-d12	13.910	240	415154	20.00	ng	0.00
86) Perylene-d12	15.351	264	358152	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	1072406	125.88	ng	0.02
7) Phenol-d6	6.392	99	1406467	128.25	ng	0.00
23) Nitrobenzene-d5	7.316	82	959607	101.05	ng	0.00
42) 2,4,6-Tribromophenol	10.580	330	435899	139.14	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	1593882	92.60	ng	0.00
79) Terphenyl-d14	12.863	244	1776035	81.53	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.392	77	1952	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.316	70	127702	20.45	ng	# 78
25) Isophorone	7.316	82	958353	53.37	ng	# 67
51) 2,6-Dinitrotoluene	9.780	165	32523	8.01	ng	# 20
57) 2,4-Dinitrotoluene	9.780	165	32523	6.50	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.580	198	680	4.62	ng	# 1
67) 4-Bromophenyl-phenylether	10.580	248	23815	4.23	ng	# 1

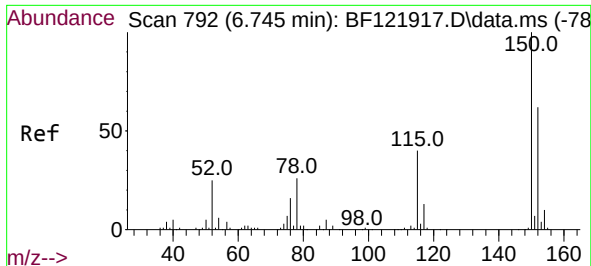
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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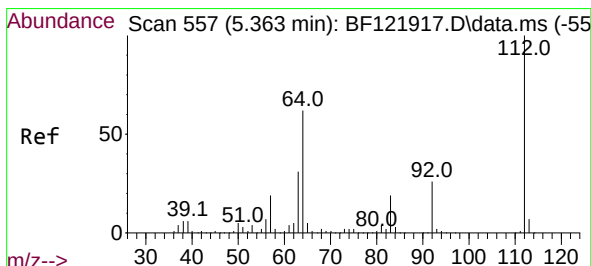
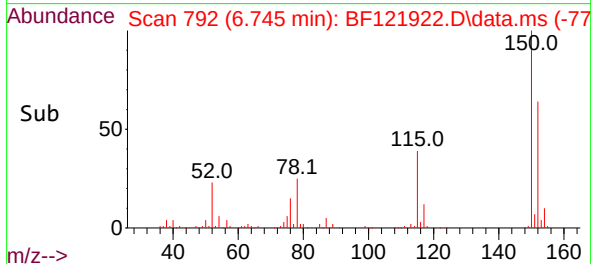
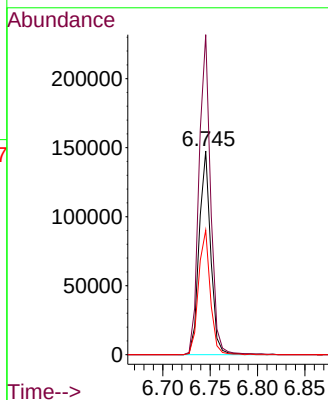
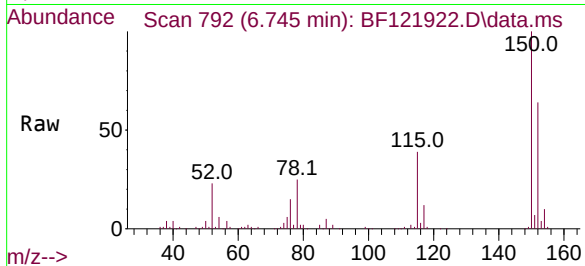




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.745 min Scan# 792
Delta R.T. 0.000 min
Lab File: BF121922.D
Acq: 12 Oct 2020 17:08

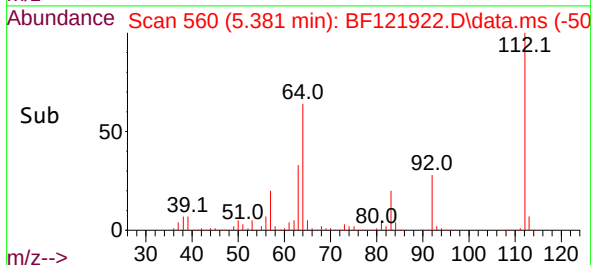
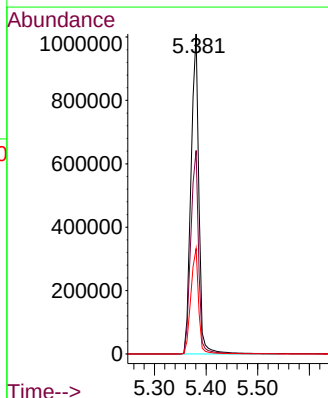
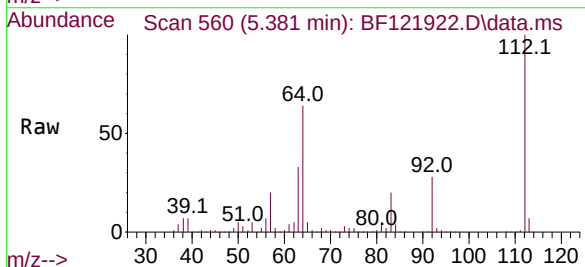
Instrument :
BNA_F
ClientSampleId :
PB132280BL

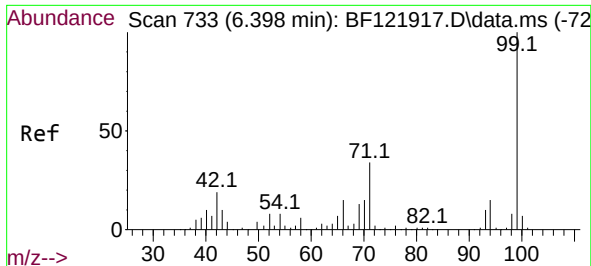
Tgt Ion:152 Resp: 125739
Ion Ratio Lower Upper
152 100
150 157.1 125.3 187.9
115 61.1 51.9 77.9



#5
2-Fluorophenol
Concen: 125.88 ng
RT: 5.381 min Scan# 560
Delta R.T. 0.018 min
Lab File: BF121922.D
Acq: 12 Oct 2020 17:08

Tgt Ion:112 Resp: 1072406
Ion Ratio Lower Upper
112 100
64 63.6 50.4 75.6
63 33.0 25.8 38.6

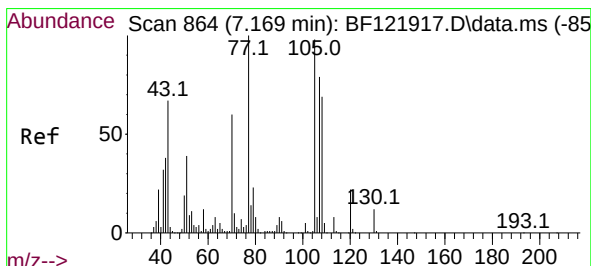
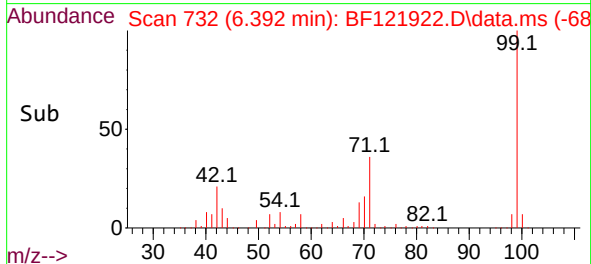
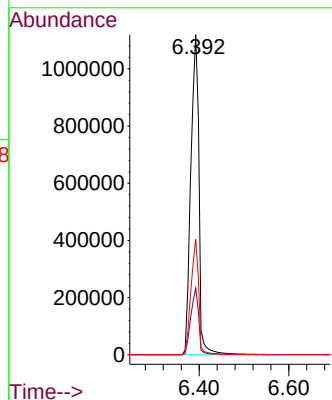
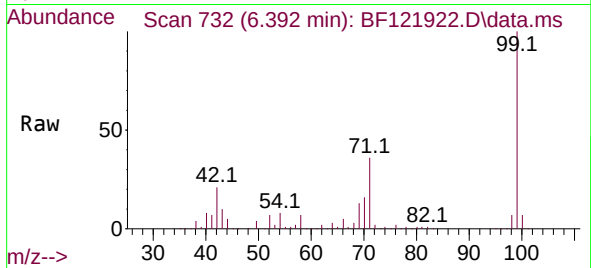




#7
Phenol-d6
Concen: 128.25 ng
RT: 6.392 min Scan# 732
Delta R.T. -0.006 min
Lab File: BF121922.D
Acq: 12 Oct 2020 17:08

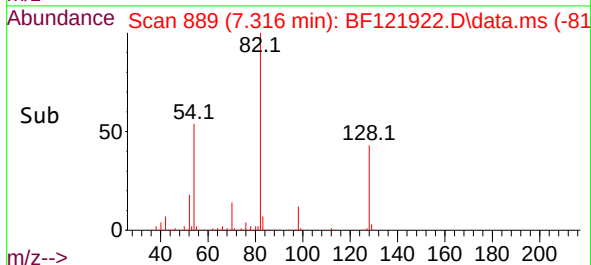
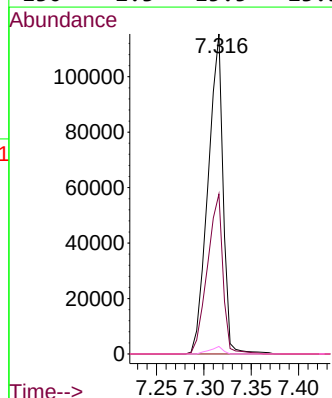
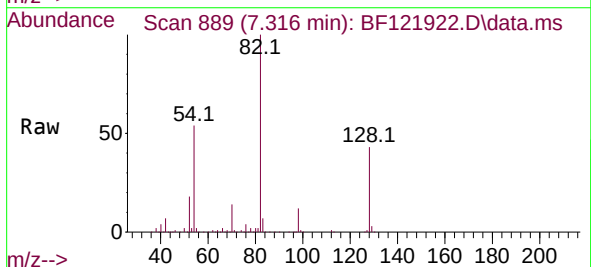
Instrument :
BNA_F
ClientSampleId :
PB132280BL

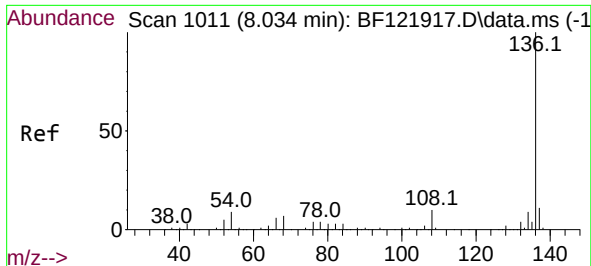
Tgt Ion: 99 Resp: 1406467
Ion Ratio Lower Upper
99 100
42 20.8 15.9 23.9
71 36.1 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 20.45 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.147 min
Lab File: BF121922.D
Acq: 12 Oct 2020 17:08

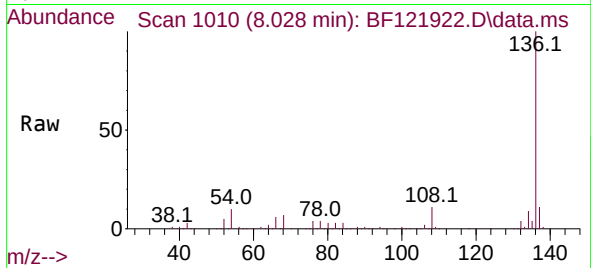
Tgt Ion: 70 Resp: 127702
Ion Ratio Lower Upper
70 100
42 50.0 50.2 75.4#
101 0.0 7.5 11.3#
130 2.3 15.5 23.3#



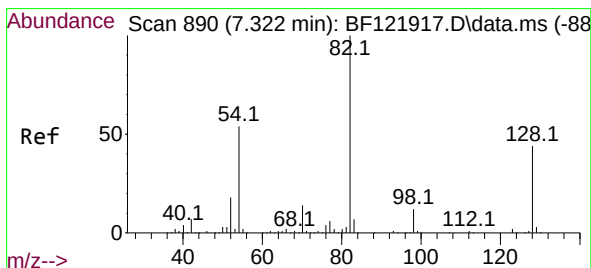
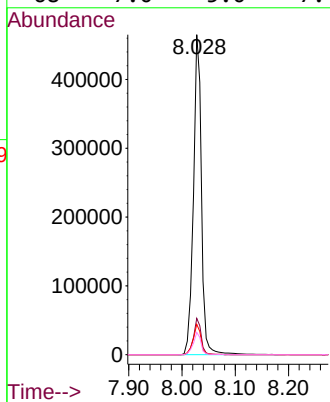
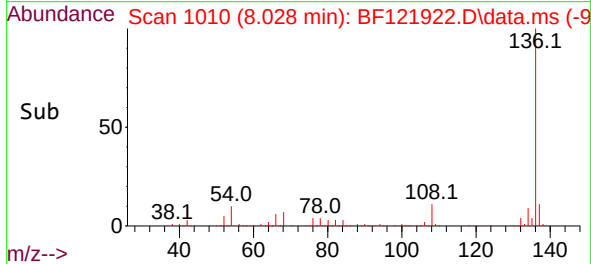


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.028 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF121922.D
Acq: 12 Oct 2020 17:08

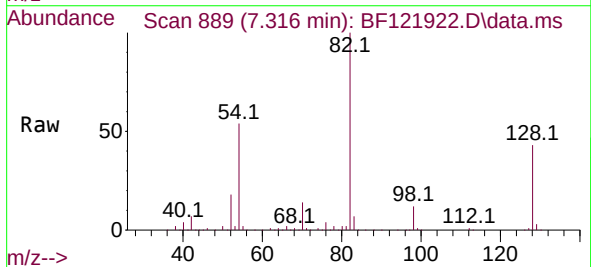
Instrument :
BNA_F
ClientSampleId :
PB132280BL



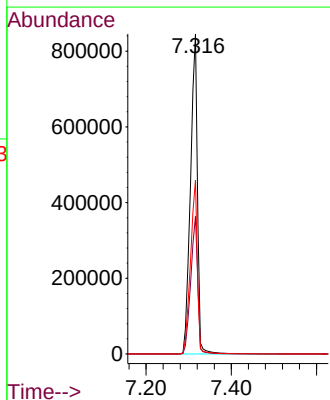
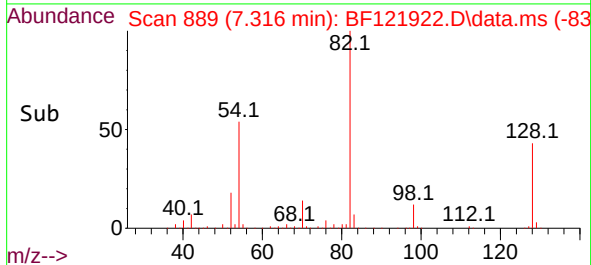
Tgt Ion:136 Resp: 487028
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 9.5 7.1 10.7
68 7.0 5.0 7.4

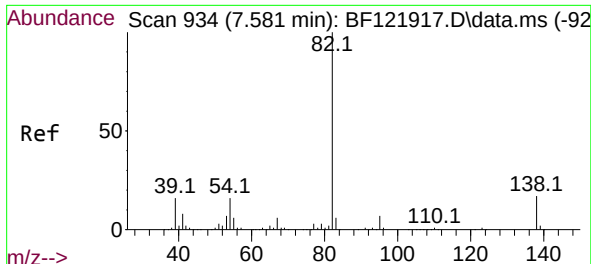


#23
Nitrobenzene-d5
Concen: 101.05 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.006 min
Lab File: BF121922.D
Acq: 12 Oct 2020 17:08



Tgt Ion: 82 Resp: 959607
Ion Ratio Lower Upper
82 100
128 43.1 35.0 52.4
54 54.3 43.9 65.9

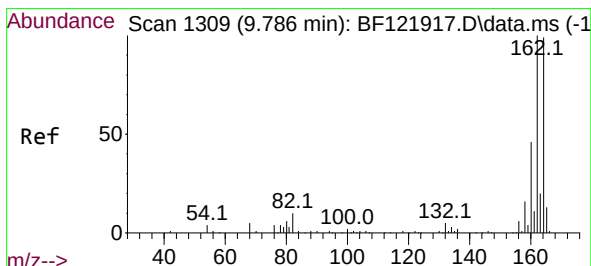
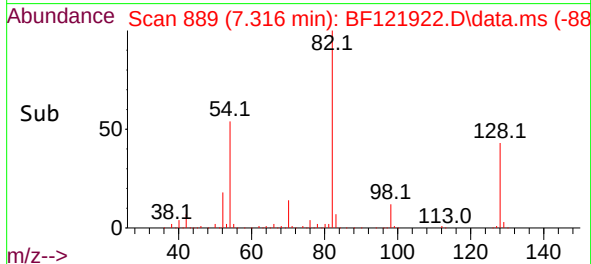
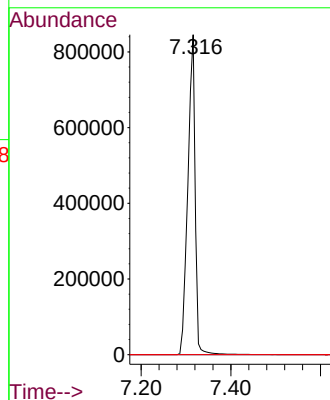
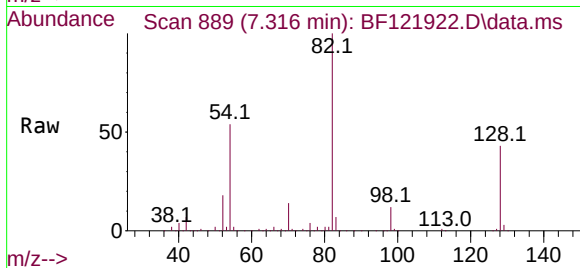




#25
Isophorone
Concen: 53.37 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.265 min
Lab File: BF121922.D
Acq: 12 Oct 2020 17:08

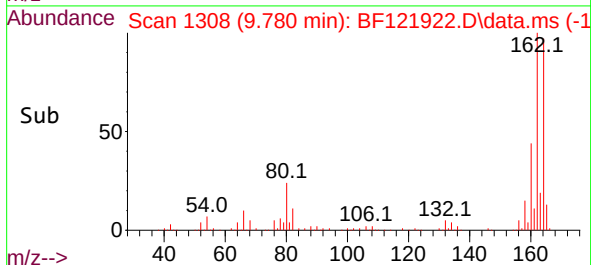
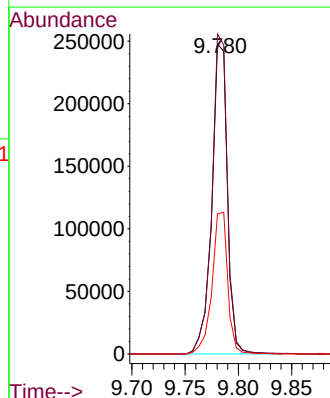
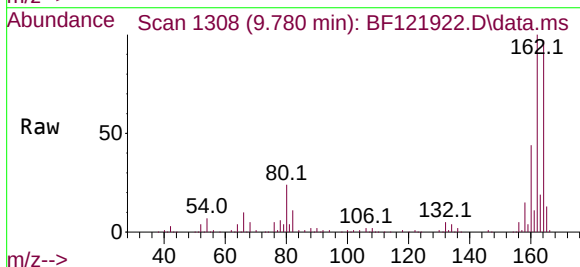
Instrument :
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ClientSampleId :
PB132280BL

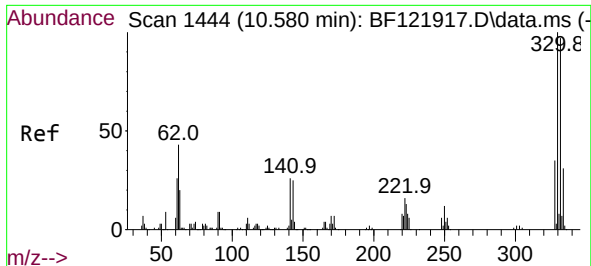
Tgt Ion: 82 Resp: 958353
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.780 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BF121922.D
Acq: 12 Oct 2020 17:08

Tgt Ion: 164 Resp: 253261
Ion Ratio Lower Upper
164 100
162 103.2 83.2 124.8
160 45.2 37.5 56.3

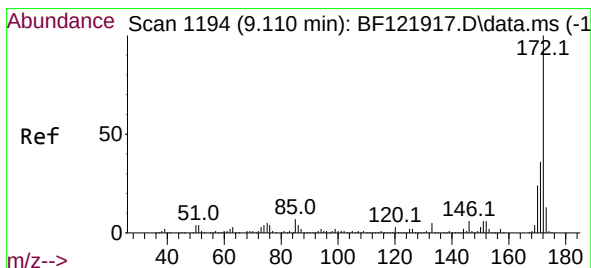
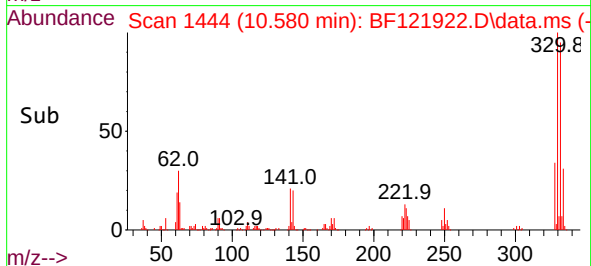
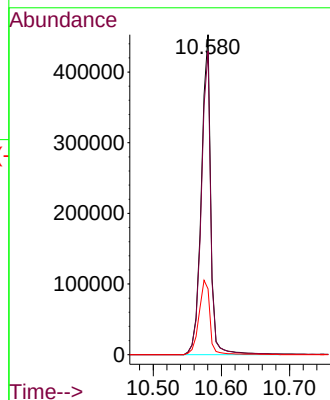
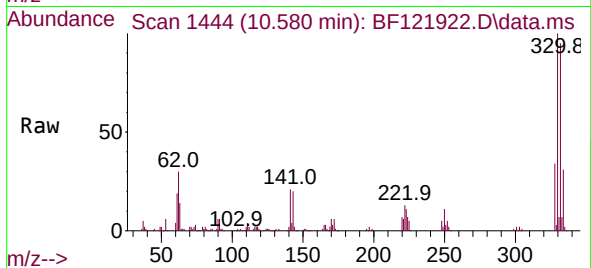




#42
2,4,6-Tribromophenol
Concen: 139.14 ng
RT: 10.580 min Scan# 1444
Delta R.T. -0.000 min
Lab File: BF121922.D
Acq: 12 Oct 2020 17:08

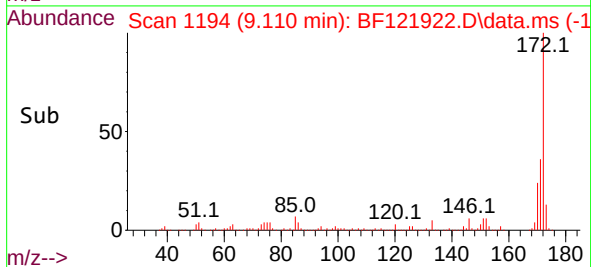
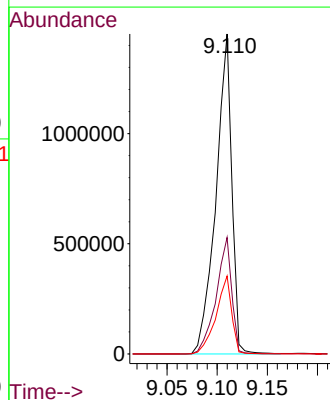
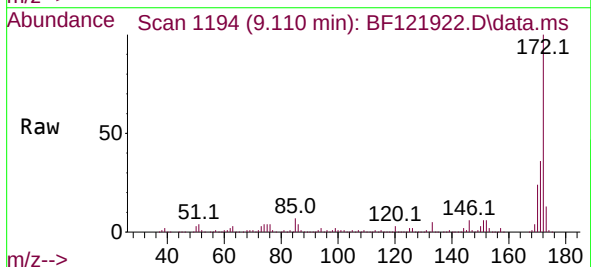
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ClientSampleId :
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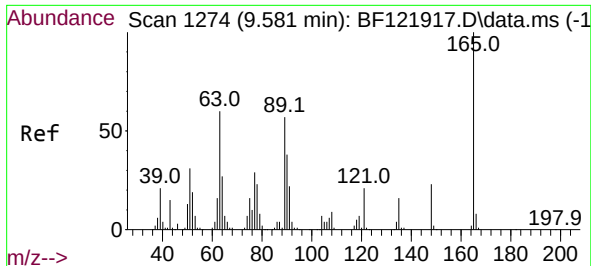
Tgt Ion:330 Resp: 435899
Ion Ratio Lower Upper
330 100
332 95.8 77.3 115.9
141 27.1 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 92.60 ng
RT: 9.110 min Scan# 1194
Delta R.T. -0.000 min
Lab File: BF121922.D
Acq: 12 Oct 2020 17:08

Tgt Ion:172 Resp: 1593882
Ion Ratio Lower Upper
172 100
171 36.4 29.1 43.7
170 24.3 19.8 29.6

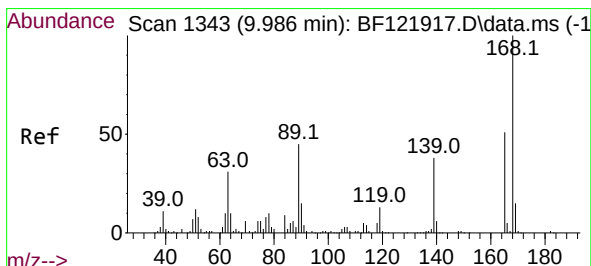
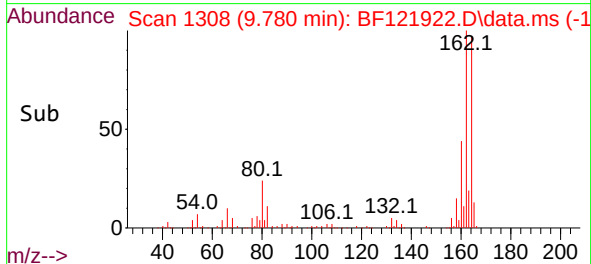
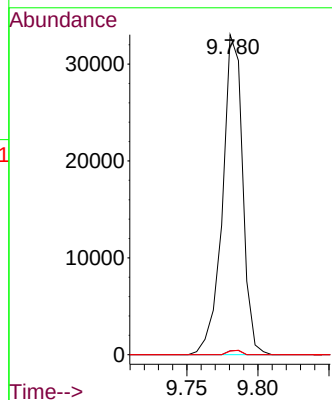
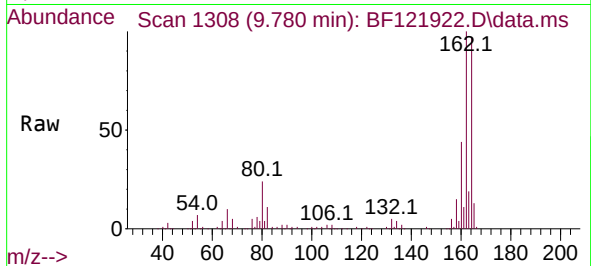




#51
2,6-Dinitrotoluene
Concen: 8.01 ng
RT: 9.780 min Scan# 1308
Delta R.T. 0.200 min
Lab File: BF121922.D
Acq: 12 Oct 2020 17:08

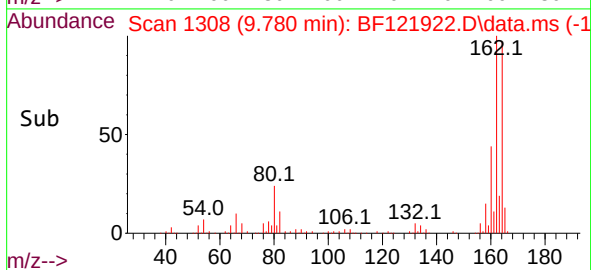
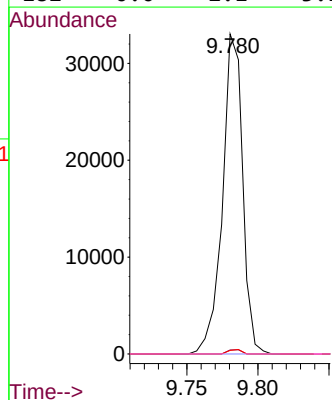
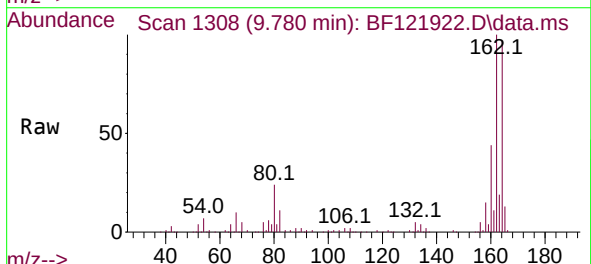
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PB132280BL

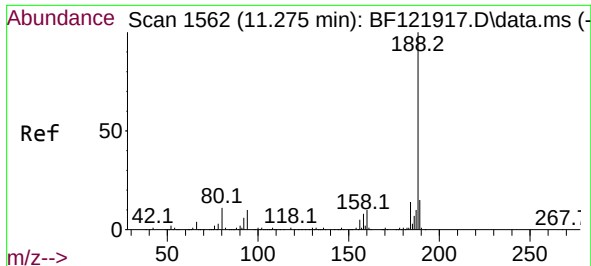
Tgt Ion:165 Resp: 32523
Ion Ratio Lower Upper
165 100
63 1.2 51.8 77.6#
89 1.1 49.0 73.6#



#57
2,4-Dinitrotoluene
Concen: 6.50 ng
RT: 9.780 min Scan# 1308
Delta R.T. -0.206 min
Lab File: BF121922.D
Acq: 12 Oct 2020 17:08

Tgt Ion:165 Resp: 32523
Ion Ratio Lower Upper
165 100
63 1.2 41.3 61.9#
89 1.1 61.8 92.8#
182 0.0 2.1 3.1#

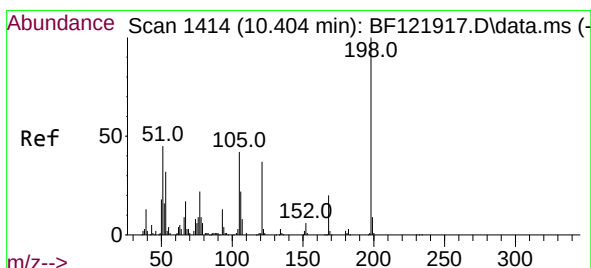
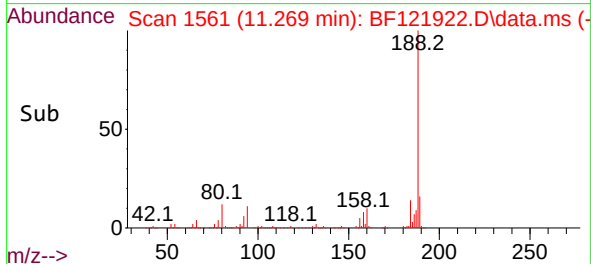
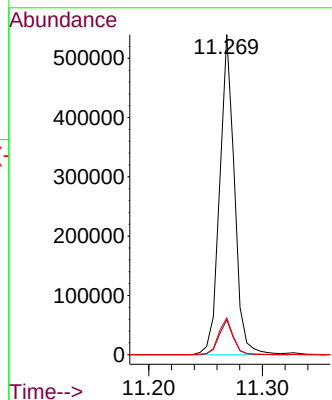
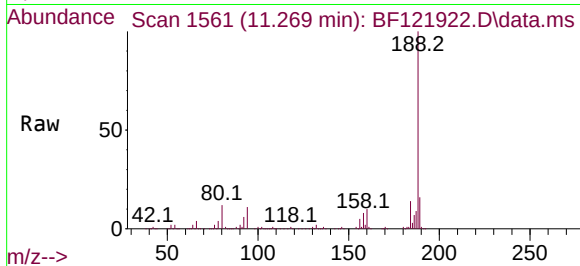




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.269 min Scan# 1561
Delta R.T. -0.006 min
Lab File: BF121922.D
Acq: 12 Oct 2020 17:08

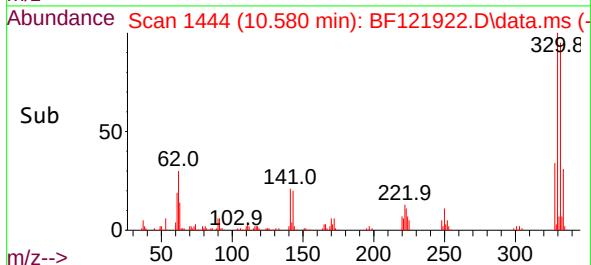
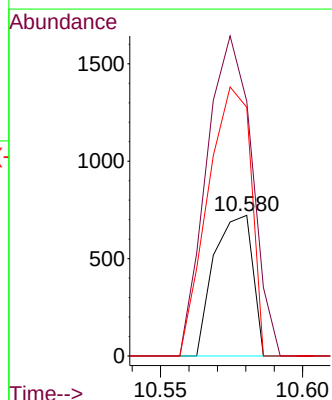
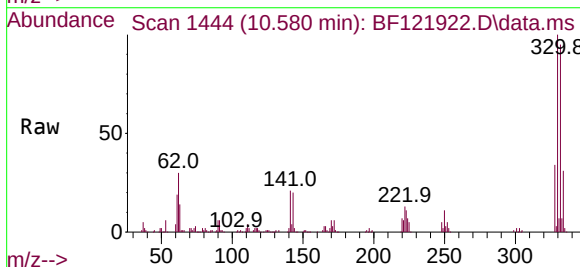
Instrument :
BNA_F
ClientSampleId :
PB132280BL

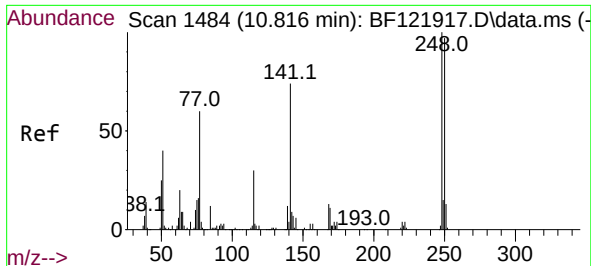
Tgt Ion:188 Resp: 487557
Ion Ratio Lower Upper
188 100
94 10.9 8.3 12.5
80 11.5 9.1 13.7



#65
4,6-Dinitro-2-methylphenol
Concen: 4.62 ng
RT: 10.580 min Scan# 1444
Delta R.T. 0.176 min
Lab File: BF121922.D
Acq: 12 Oct 2020 17:08

Tgt Ion:198 Resp: 680
Ion Ratio Lower Upper
198 100
51 181.2 29.6 69.6#
105 176.9 24.4 64.4#

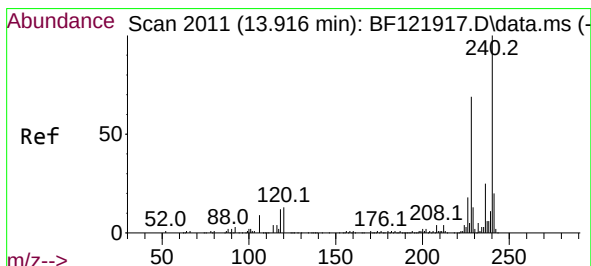
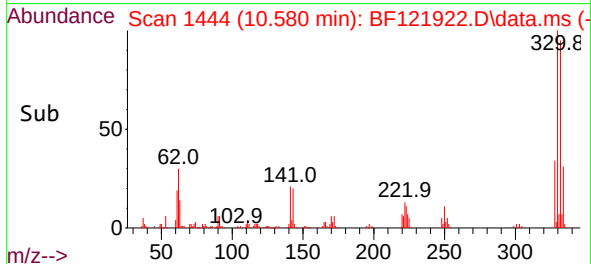
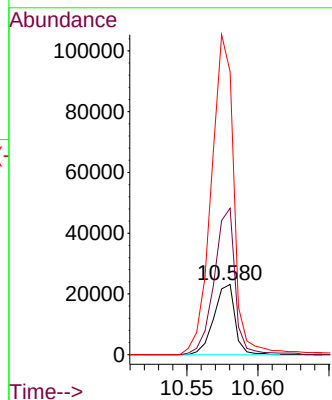
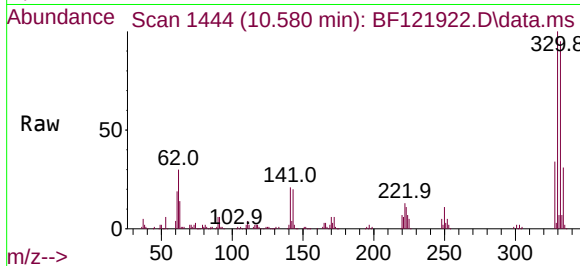




#67
4-Bromophenyl-phenylether
Concen: 4.23 ng
RT: 10.580 min Scan# 1444
Delta R.T. -0.235 min
Lab File: BF121922.D
Acq: 12 Oct 2020 17:08

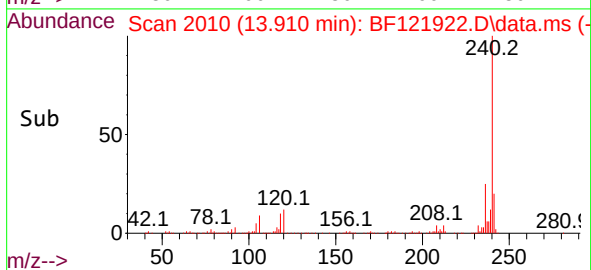
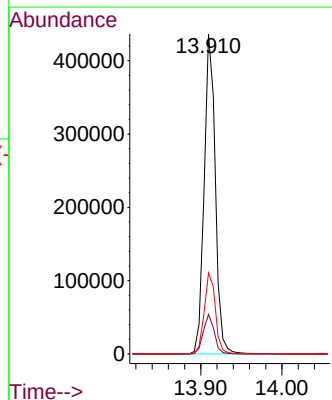
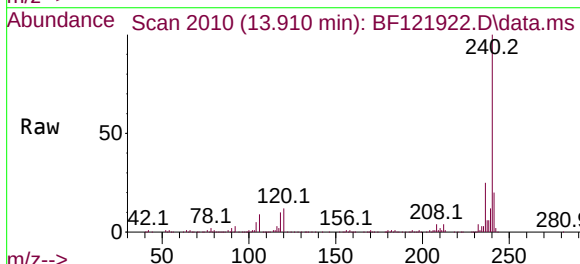
Instrument :
BNA_F
ClientSampleId :
PB132280BL

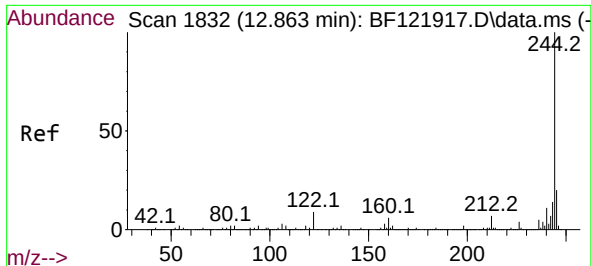
Tgt Ion:248 Resp: 23815
Ion Ratio Lower Upper
248 100
250 208.5 77.0 115.6#
141 403.0 53.7 80.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.910 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF121922.D
Acq: 12 Oct 2020 17:08

Tgt Ion:240 Resp: 415154
Ion Ratio Lower Upper
240 100
120 12.4 9.2 13.8
236 25.4 20.9 31.3

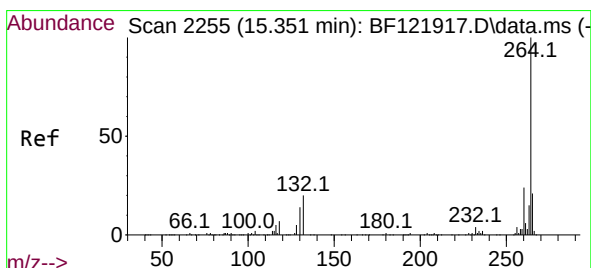
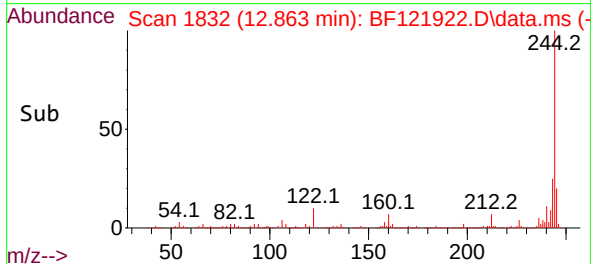
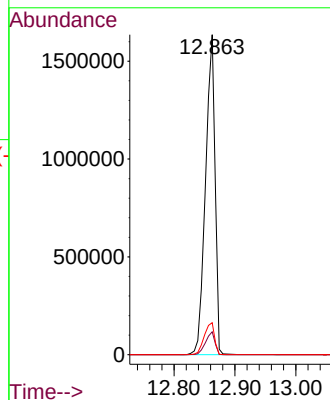
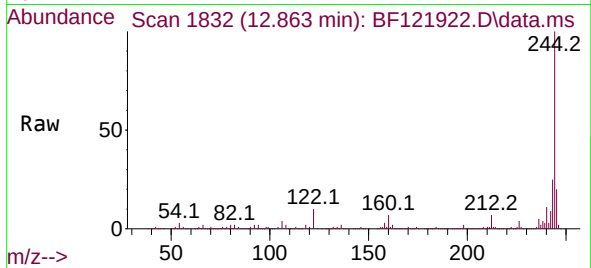




#79
 Terphenyl-d14
 Concen: 81.53 ng
 RT: 12.863 min Scan# 1832
 Delta R.T. -0.000 min
 Lab File: BF121922.D
 Acq: 12 Oct 2020 17:08

Instrument :
 BNA_F
 ClientSampleId :
 PB132280BL

Tgt Ion:244 Resp: 1776035
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.2
 122 10.0 8.1 12.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.351 min Scan# 2255
 Delta R.T. -0.000 min
 Lab File: BF121922.D
 Acq: 12 Oct 2020 17:08

Tgt Ion:264 Resp: 358152
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.7 28.1
 265 21.2 17.3 25.9

