

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101620\
 Data File : BF122009.D
 Acq On : 16 Oct 2020 13:47
 Operator : JU/CG
 Sample : PB132413BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB132413BL

Quant Time: Oct 16 14:55:36 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 15 12:55:05 2020
 Response via : Initial Calibration

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

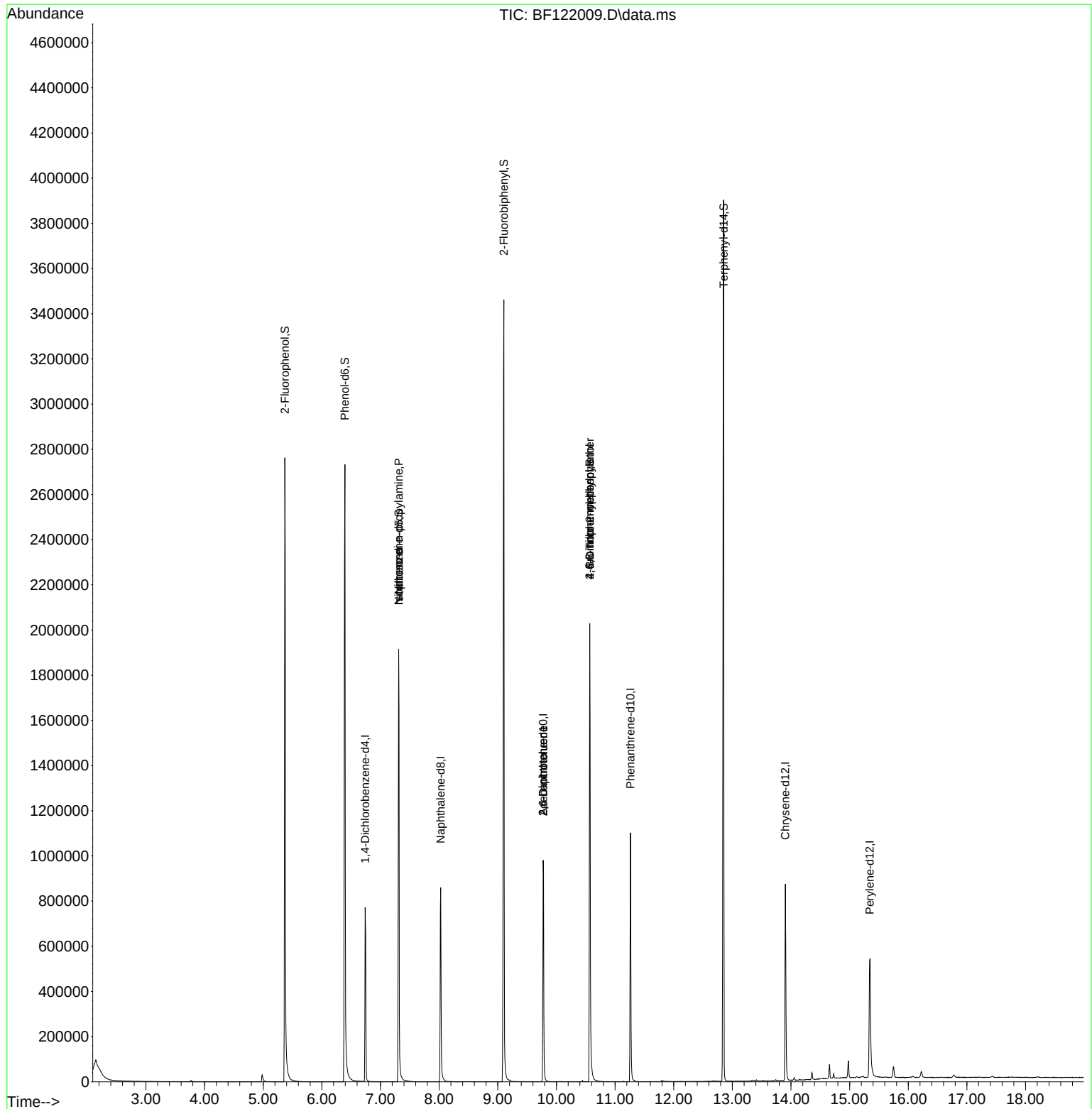
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	115166	20.00	ng	0.00
21) Naphthalene-d8	8.028	136	452578	20.00	ng	0.00
39) Acenaphthene-d10	9.775	164	231971	20.00	ng	0.00
64) Phenanthrene-d10	11.263	188	439787	20.00	ng	0.00
76) Chrysene-d12	13.904	240	355994	20.00	ng	0.00
86) Perylene-d12	15.345	264	289185	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	825200	105.75	ng	0.00
7) Phenol-d6	6.392	99	1039725	103.51	ng	0.00
23) Nitrobenzene-d5	7.310	82	725095	82.17	ng	0.00
42) 2,4,6-Tribromophenol	10.569	330	313838	109.37	ng	0.00
45) 2-Fluorobiphenyl	9.104	172	1209584	76.72	ng	0.00
79) Terphenyl-d14	12.851	244	1317793	70.55	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.392	77	1389	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.310	70	97084	16.98	ng	# 78
25) Isophorone	7.310	82	725092	43.45	ng	# 67
51) 2,6-Dinitrotoluene	9.775	165	29520	7.93	ng	# 20
57) 2,4-Dinitrotoluene	9.775	165	29520	6.44	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.569	198	487	4.58	ng	# 1
67) 4-Bromophenyl-phenylether	10.569	248	18011	3.54	ng	# 1

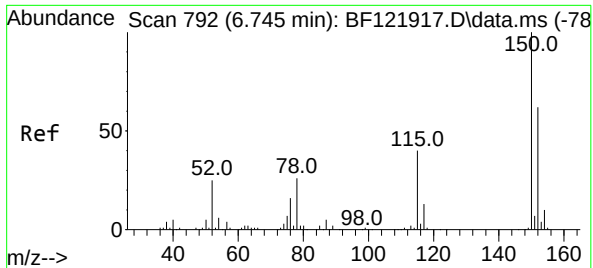
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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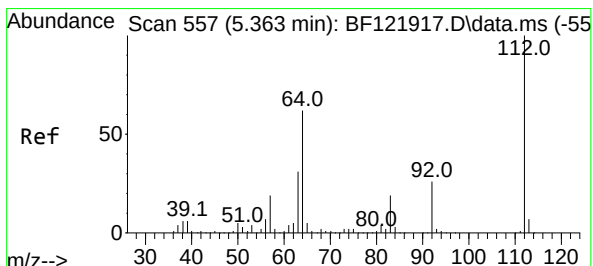
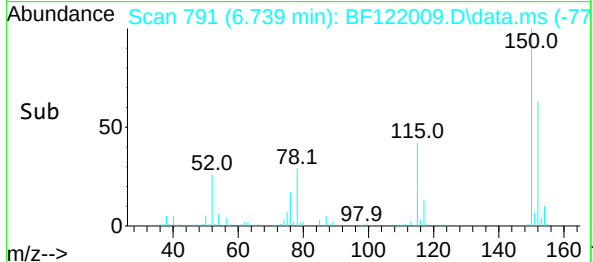
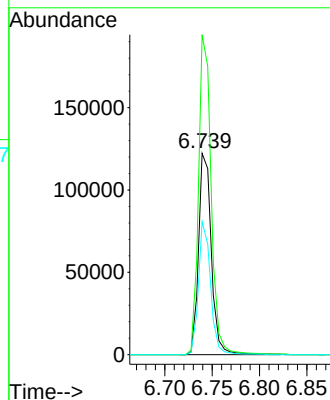
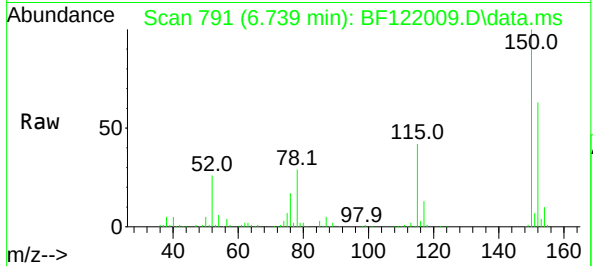




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.739 min Scan# 791
Delta R.T. -0.006 min
Lab File: BF122009.D
Acq: 16 Oct 2020 13:47

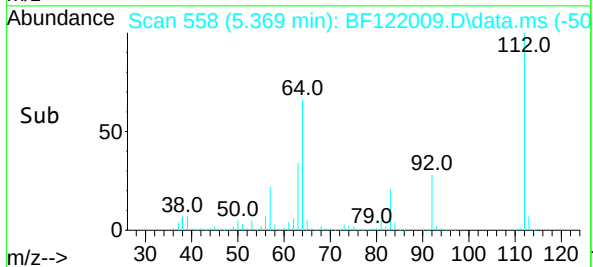
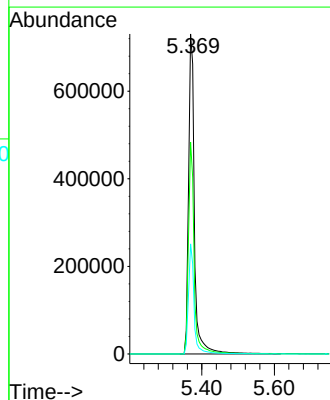
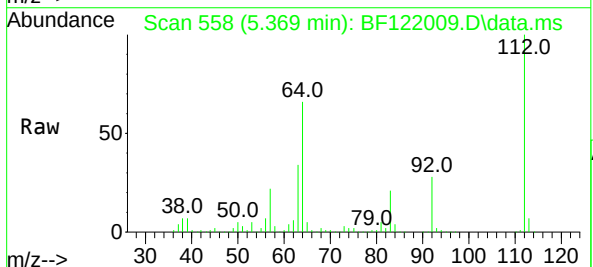
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BNA_F
ClientSampleId :
PB132413BL

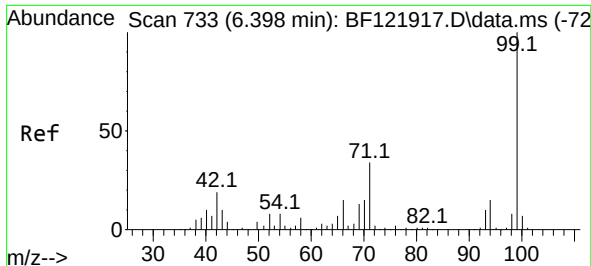
Tgt Ion:152 Resp: 115166
Ion Ratio Lower Upper
152 100
150 159.0 125.3 187.9
115 66.0 51.9 77.9



#5
2-Fluorophenol
Concen: 105.75 ng
RT: 5.369 min Scan# 558
Delta R.T. 0.006 min
Lab File: BF122009.D
Acq: 16 Oct 2020 13:47

Tgt Ion:112 Resp: 825200
Ion Ratio Lower Upper
112 100
64 66.2 50.4 75.6
63 34.4 25.8 38.6

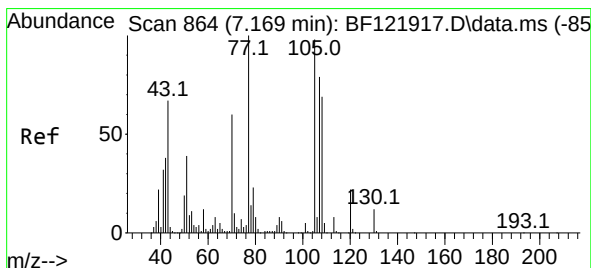
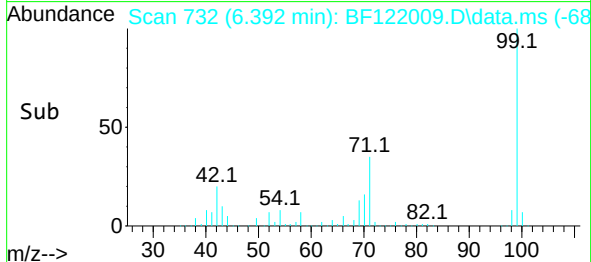
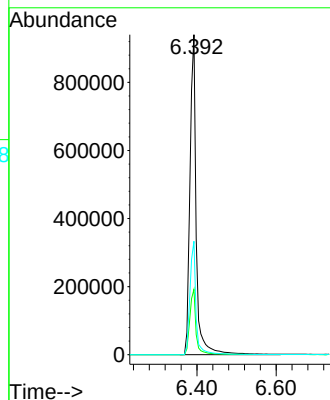
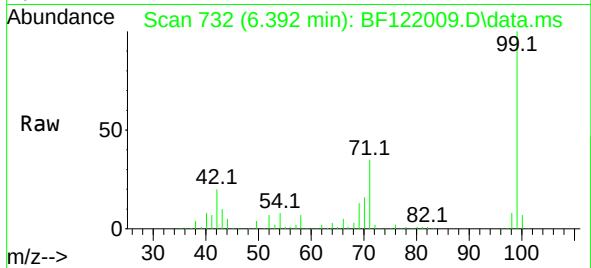




#7
Phenol-d6
Concen: 103.51 ng
RT: 6.392 min Scan# 732
Delta R.T. 0.000 min
Lab File: BF122009.D
Acq: 16 Oct 2020 13:47

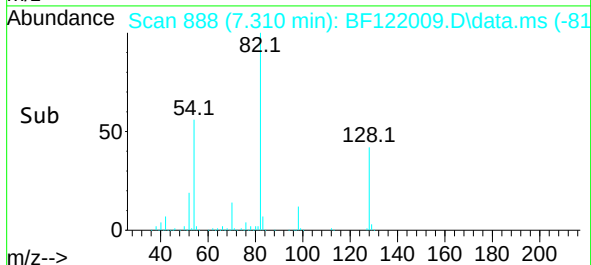
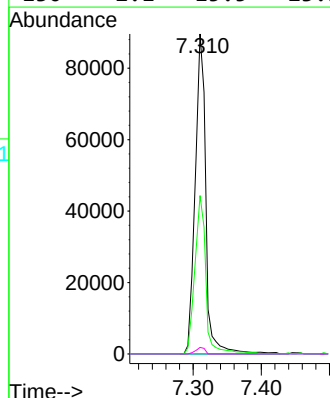
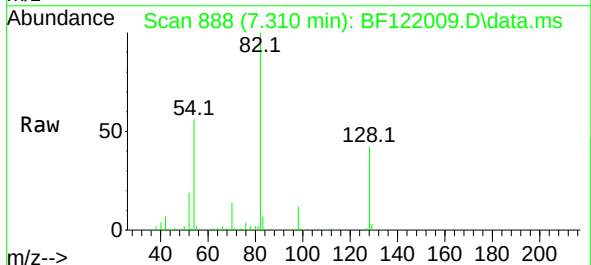
Instrument :
BNA_F
ClientSampleId :
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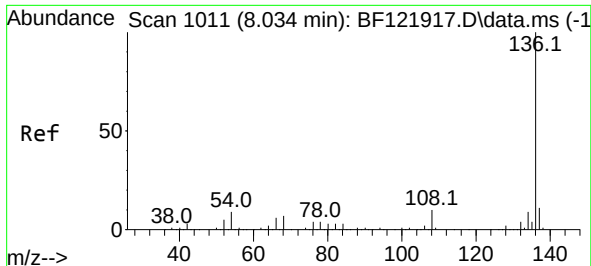
Tgt Ion: 99 Resp: 1039725
Ion Ratio Lower Upper
99 100
42 20.4 15.9 23.9
71 35.4 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 16.98 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.147 min
Lab File: BF122009.D
Acq: 16 Oct 2020 13:47

Tgt Ion: 70 Resp: 97084
Ion Ratio Lower Upper
70 100
42 49.5 50.2 75.4#
101 0.0 7.5 11.3#
130 2.1 15.5 23.3#

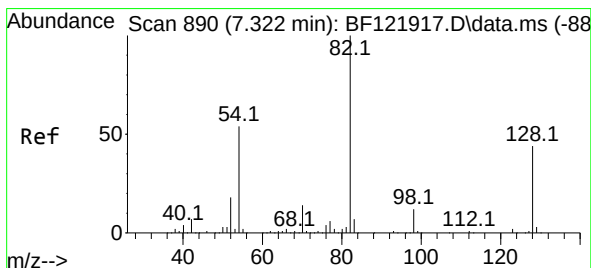
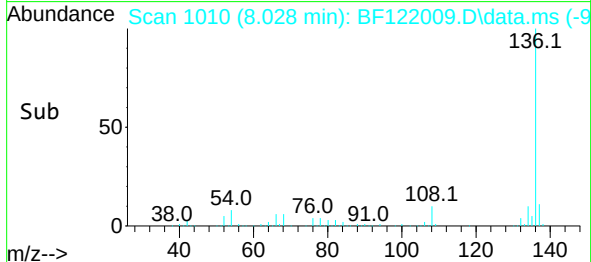
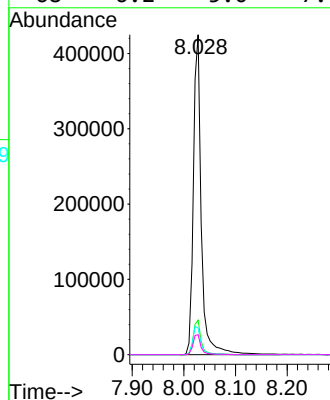
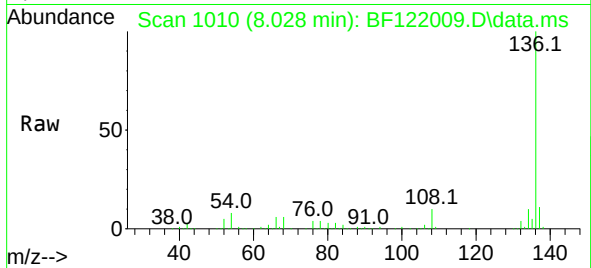




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.028 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BF122009.D
Acq: 16 Oct 2020 13:47

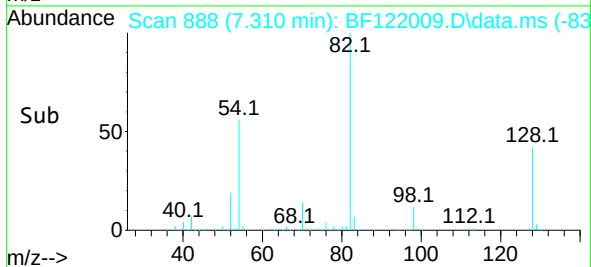
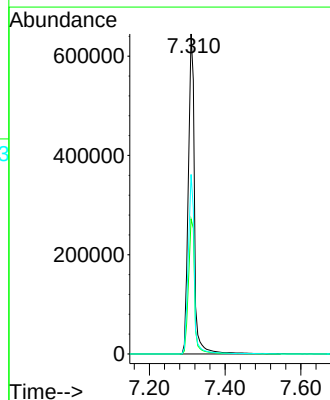
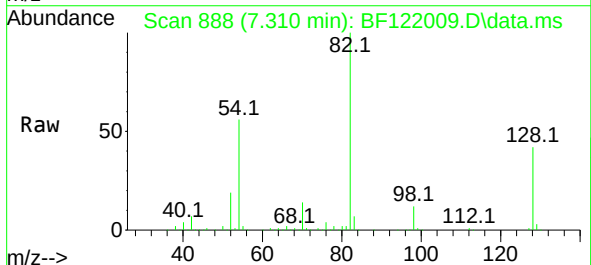
Instrument :
BNA_F
ClientSampleId :
PB132413BL

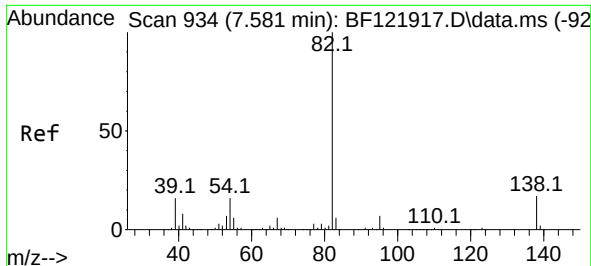
Tgt Ion:136 Resp: 452578
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.3 7.1 10.7
68 6.2 5.0 7.4



#23
Nitrobenzene-d5
Concen: 82.17 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.006 min
Lab File: BF122009.D
Acq: 16 Oct 2020 13:47

Tgt Ion: 82 Resp: 725095
Ion Ratio Lower Upper
82 100
128 42.1 35.0 52.4
54 56.1 43.9 65.9

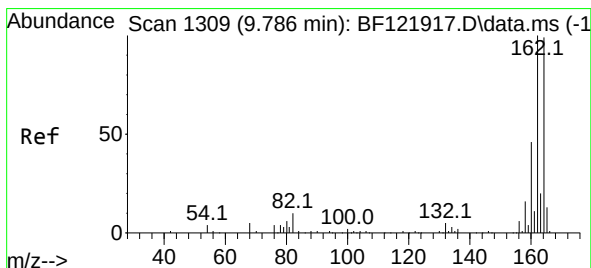
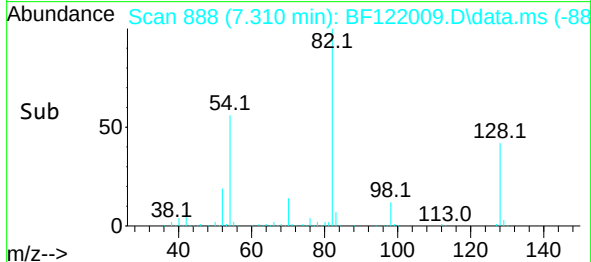
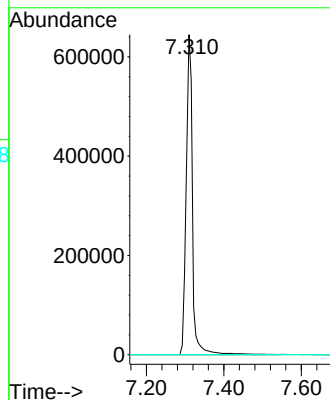
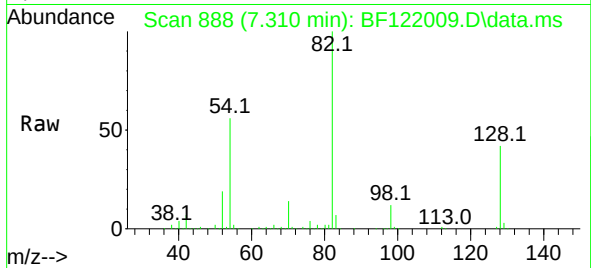




#25
Isophorone
Concen: 43.45 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.265 min
Lab File: BF122009.D
Acq: 16 Oct 2020 13:47

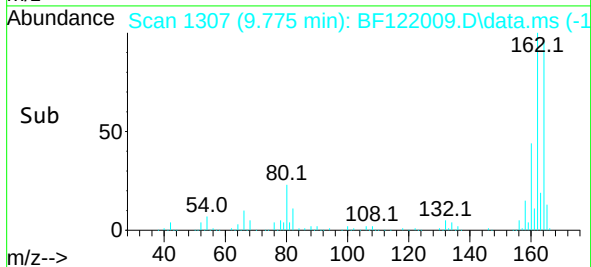
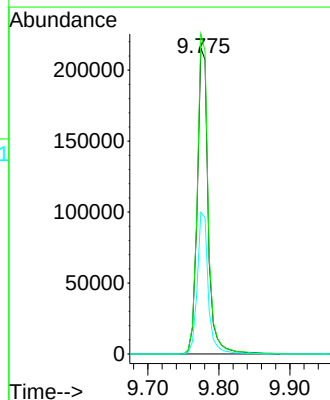
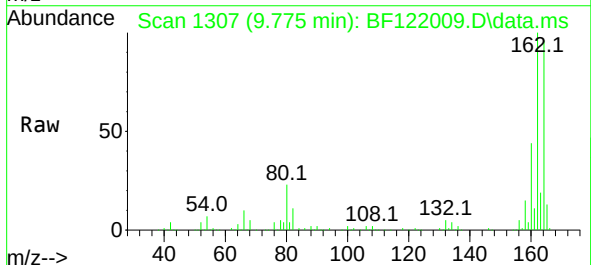
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ClientSampleId :
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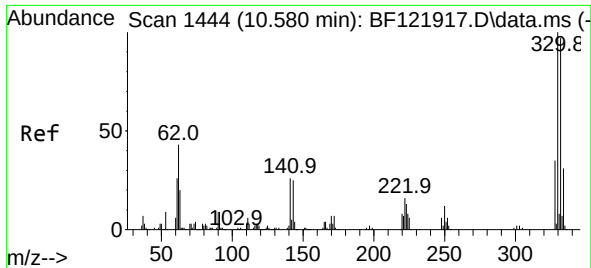
Tgt Ion: 82 Resp: 725092
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.006 min
Lab File: BF122009.D
Acq: 16 Oct 2020 13:47

Tgt Ion: 164 Resp: 231971
Ion Ratio Lower Upper
164 100
162 104.6 83.2 124.8
160 46.3 37.5 56.3

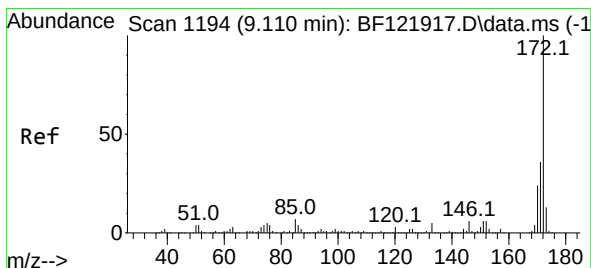
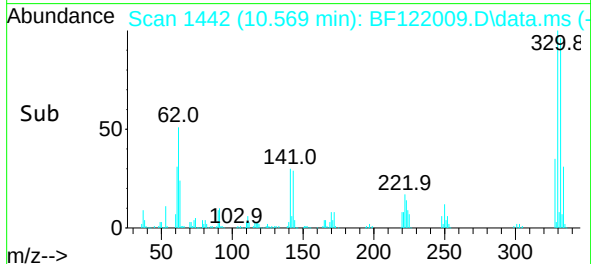
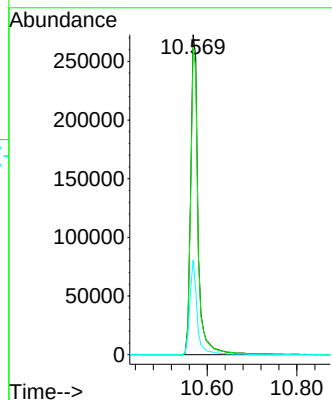
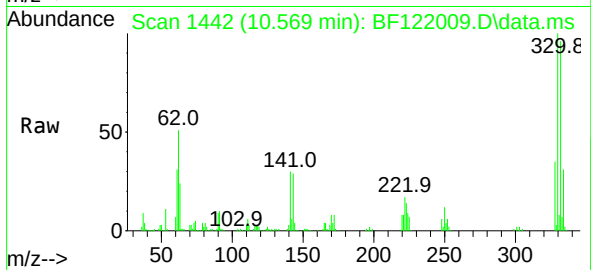




#42
2,4,6-Tribromophenol
Concen: 109.37 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.006 min
Lab File: BF122009.D
Acq: 16 Oct 2020 13:47

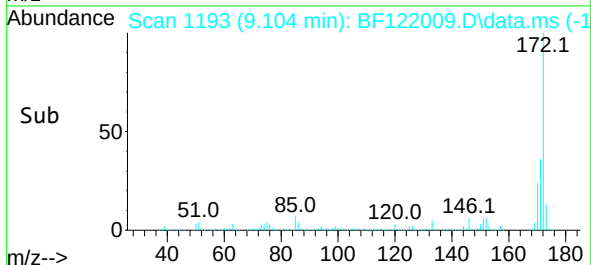
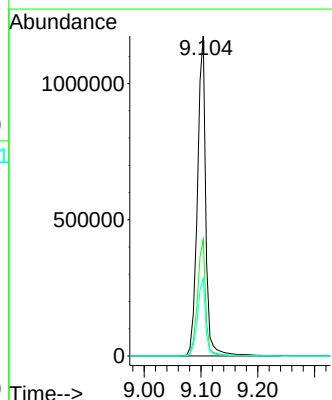
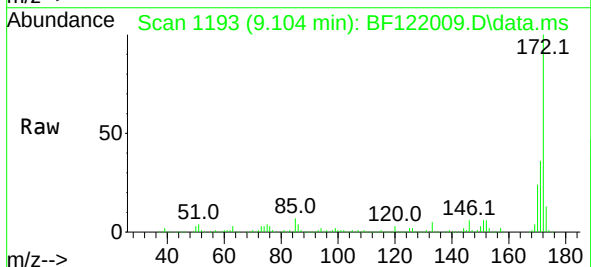
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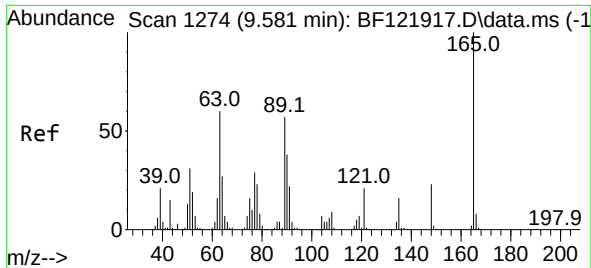
Tgt Ion: 330 Resp: 313838
Ion Ratio Lower Upper
330 100
332 96.2 77.3 115.9
141 28.9 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 76.72 ng
RT: 9.104 min Scan# 1193
Delta R.T. 0.000 min
Lab File: BF122009.D
Acq: 16 Oct 2020 13:47

Tgt Ion: 172 Resp: 1209584
Ion Ratio Lower Upper
172 100
171 36.5 29.1 43.7
170 24.2 19.8 29.6

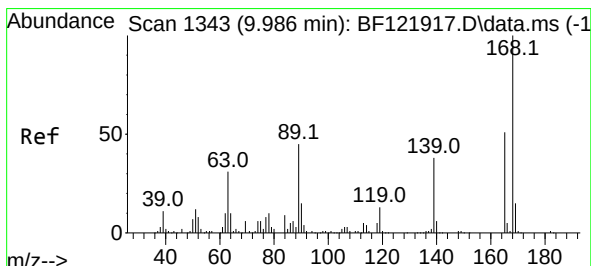
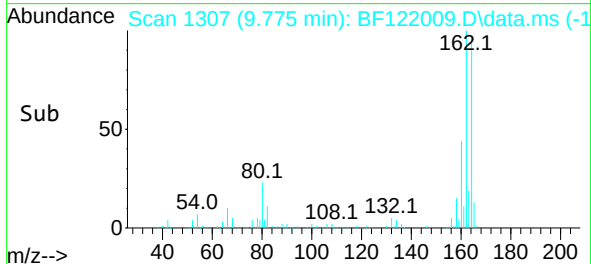
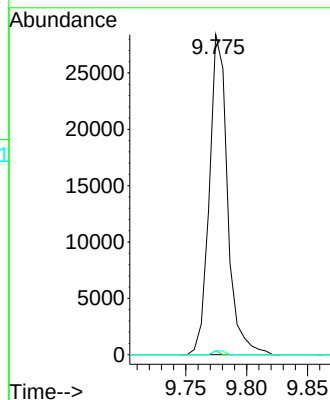
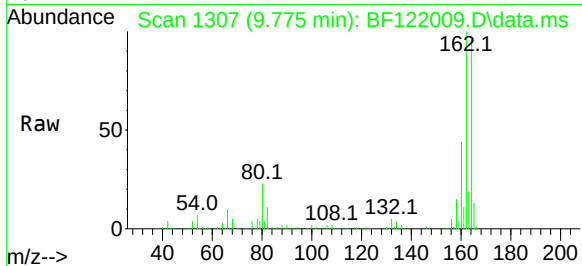




#51
2,6-Dinitrotoluene
Concen: 7.93 ng
RT: 9.775 min Scan# 1307
Delta R.T. 0.200 min
Lab File: BF122009.D
Acq: 16 Oct 2020 13:47

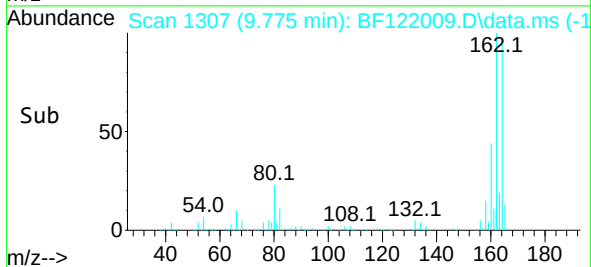
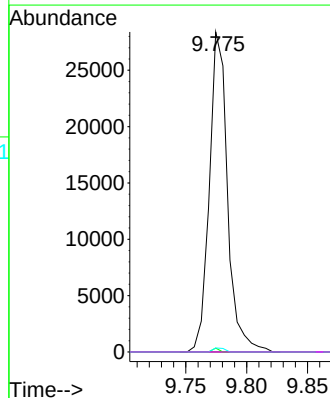
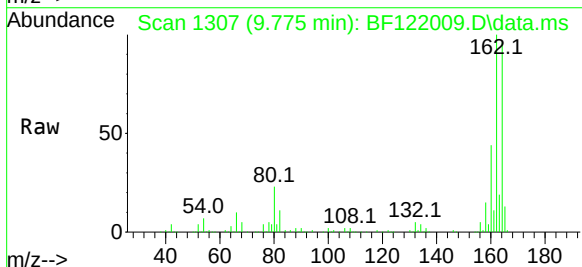
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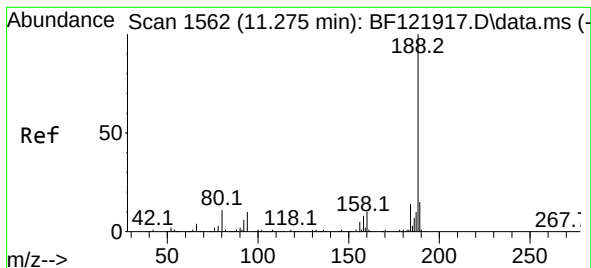
Tgt Ion:165 Resp: 29520
Ion Ratio Lower Upper
165 100
63 1.2 51.8 77.6#
89 1.3 49.0 73.6#



#57
2,4-Dinitrotoluene
Concen: 6.44 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.212 min
Lab File: BF122009.D
Acq: 16 Oct 2020 13:47

Tgt Ion:165 Resp: 29520
Ion Ratio Lower Upper
165 100
63 1.2 41.3 61.9#
89 1.3 61.8 92.8#
182 0.0 2.1 3.1#

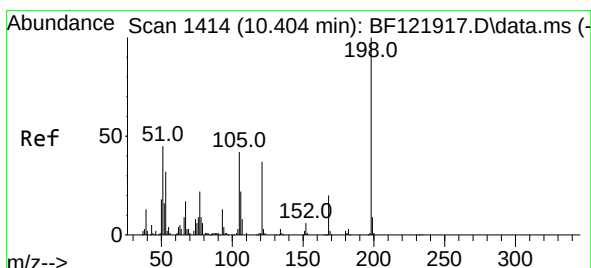
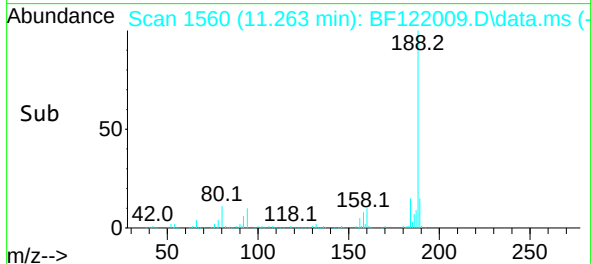
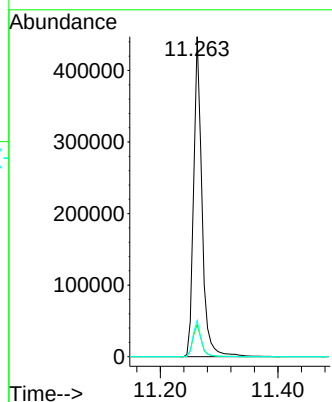
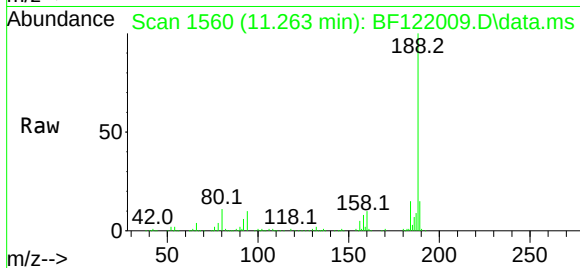




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.263 min Scan# 1560
Delta R.T. 0.000 min
Lab File: BF122009.D
Acq: 16 Oct 2020 13:47

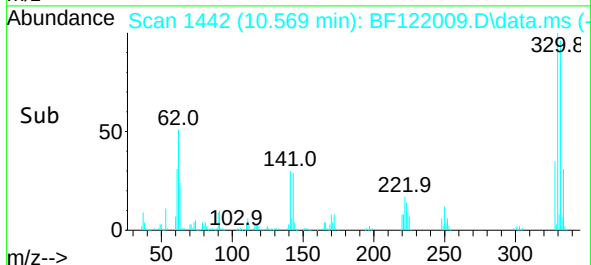
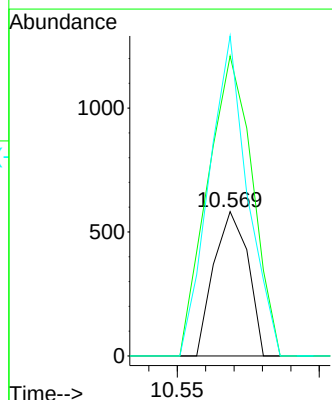
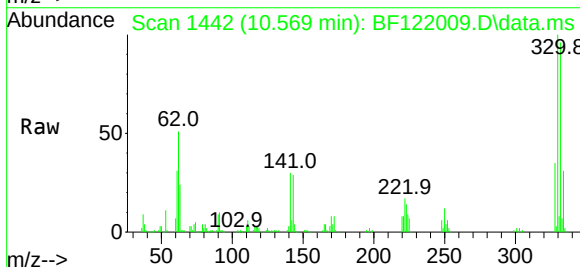
Instrument :
BNA_F
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PB132413BL

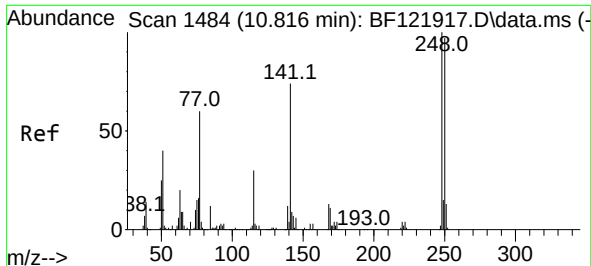
Tgt Ion:188 Resp: 439787
Ion Ratio Lower Upper
188 100
94 10.0 8.3 12.5
80 11.3 9.1 13.7



#65
4,6-Dinitro-2-methylphenol
Concen: 4.58 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.171 min
Lab File: BF122009.D
Acq: 16 Oct 2020 13:47

Tgt Ion:198 Resp: 487
Ion Ratio Lower Upper
198 100
51 207.9 29.6 69.6#
105 221.8 24.4 64.4#

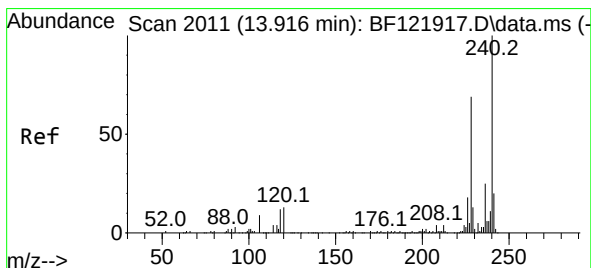
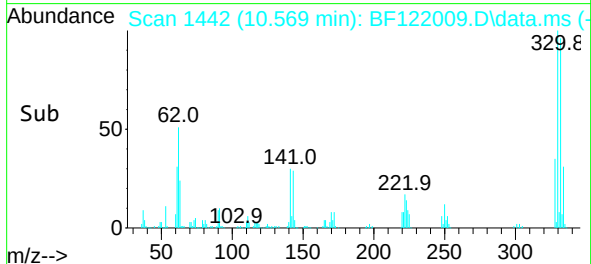
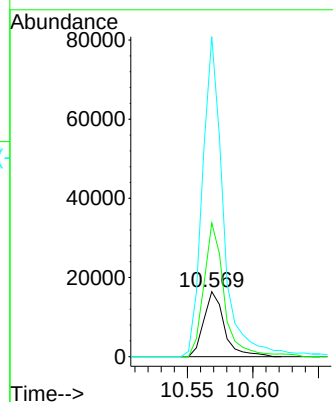
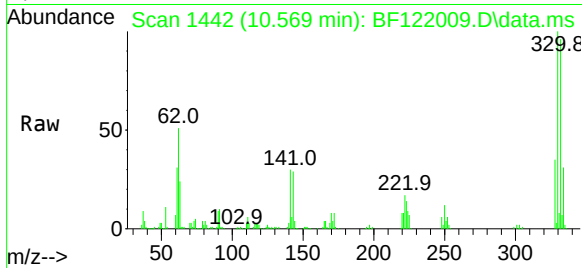




#67
4-Bromophenyl-phenylether
Concen: 3.54 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.241 min
Lab File: BF122009.D
Acq: 16 Oct 2020 13:47

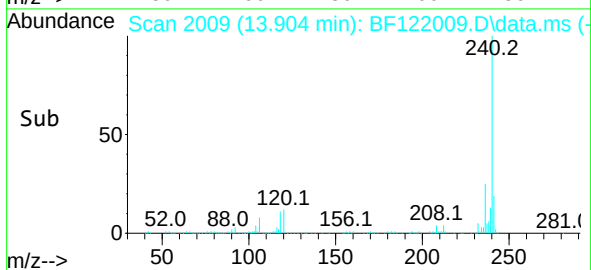
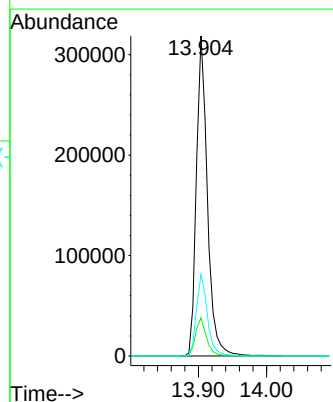
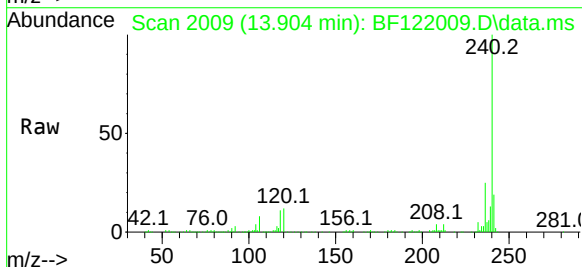
Instrument :
BNA_F
ClientSampleId :
PB132413BL

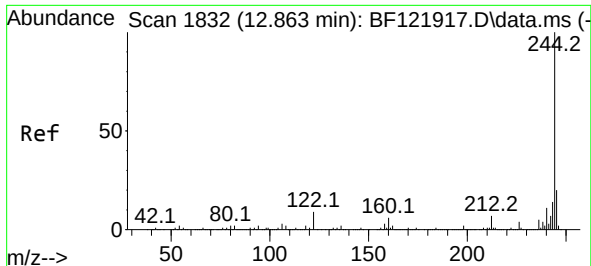
Tgt Ion:248 Resp: 18011
Ion Ratio Lower Upper
248 100
250 205.8 77.0 115.6#
141 492.4 53.7 80.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.904 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BF122009.D
Acq: 16 Oct 2020 13:47

Tgt Ion:240 Resp: 355994
Ion Ratio Lower Upper
240 100
120 11.9 9.2 13.8
236 25.5 20.9 31.3

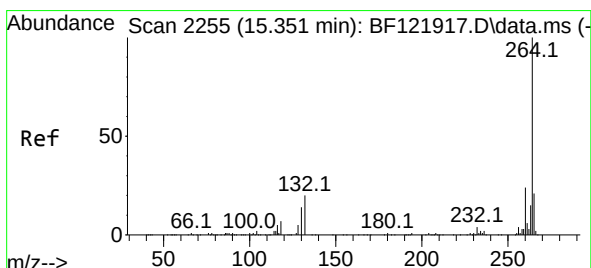
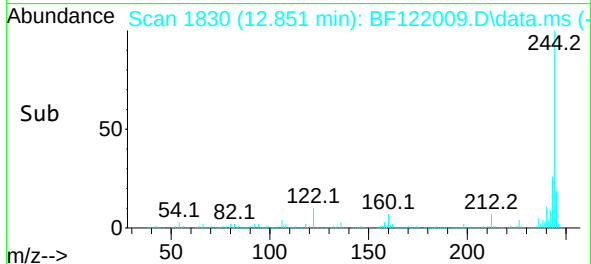
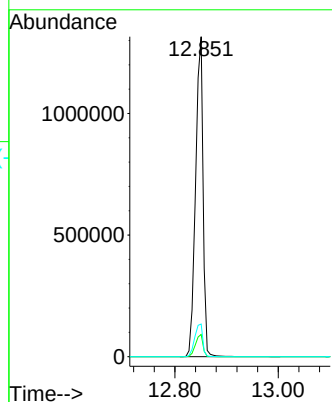
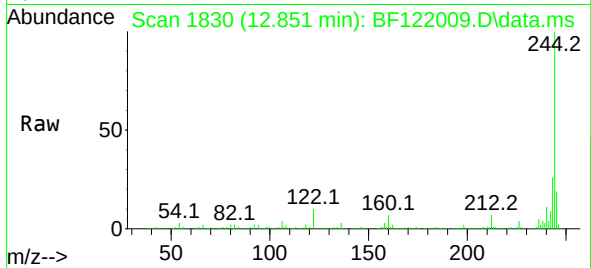




#79
 Terphenyl-d14
 Concen: 70.55 ng
 RT: 12.851 min Scan# 1830
 Delta R.T. 0.000 min
 Lab File: BF122009.D
 Acq: 16 Oct 2020 13:47

Instrument :
 BNA_F
 ClientSampleId :
 PB132413BL

Tgt Ion:244 Resp: 1317793
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.2
 122 10.2 8.1 12.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.345 min Scan# 2254
 Delta R.T. 0.006 min
 Lab File: BF122009.D
 Acq: 16 Oct 2020 13:47

Tgt Ion:264 Resp: 289185
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.7 28.1
 265 21.1 17.3 25.9

