

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102120\
 Data File : BF122046.D
 Acq On : 21 Oct 2020 10:27
 Operator : JU/CG
 Sample : PB132496BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB132496BL

Quant Time: Oct 21 11:20:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 21 11:18:33 2020
 Response via : Initial Calibration

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

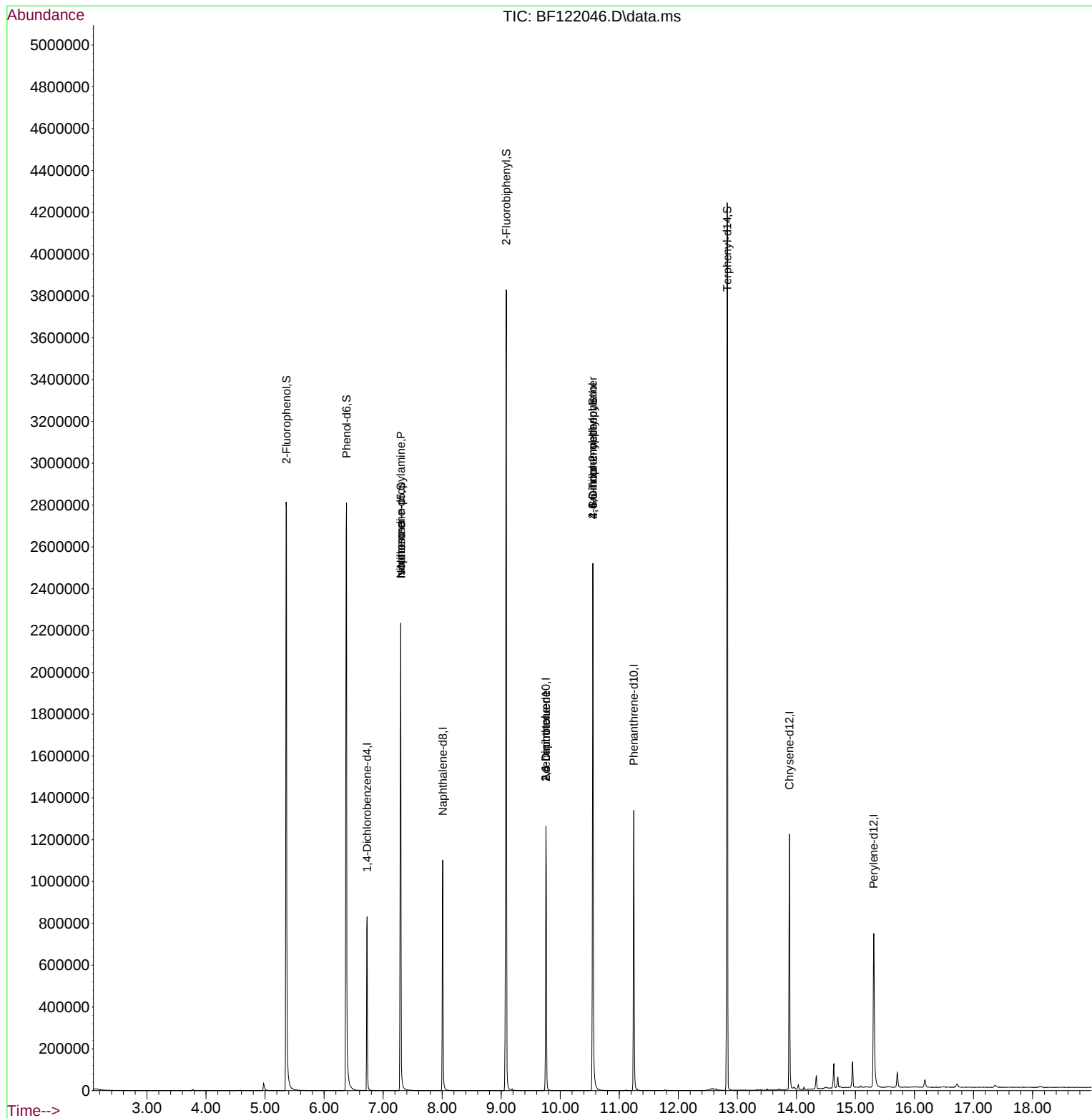
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	127839	20.00	ng	0.00
21) Naphthalene-d8	8.010	136	517008	20.00	ng	0.00
39) Acenaphthene-d10	9.757	164	276209	20.00	ng	0.00
64) Phenanthrene-d10	11.245	188	530547	20.00	ng	0.00
76) Chrysene-d12	13.880	240	437661	20.00	ng	0.00
86) Perylene-d12	15.309	264	354733	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	876233	101.16	ng	0.02
7) Phenol-d6	6.381	99	1124020	100.81	ng	0.00
23) Nitrobenzene-d5	7.298	82	779548	77.33	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	361888	105.92	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	1336567	71.20	ng	0.00
79) Terphenyl-d14	12.827	244	1552735	67.61	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.375	77	1518	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.298	70	103641	16.33	ng	# 78
25) Isophorone	7.298	82	770884	40.44	ng	# 67
51) 2,6-Dinitrotoluene	9.757	165	34620	7.81	ng	# 20
57) 2,4-Dinitrotoluene	9.757	165	34620	6.35	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.551	198	651	4.60	ng	# 1
67) 4-Bromophenyl-phenylether	10.551	248	21388	3.49	ng	# 1

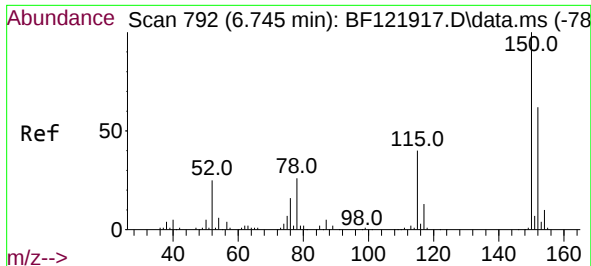
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102120\
Data File : BF122046.D
Acq On : 21 Oct 2020 10:27
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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB132496BL

Quant Time: Oct 21 11:20:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102120.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 21 11:18:33 2020
Response via : Initial Calibration

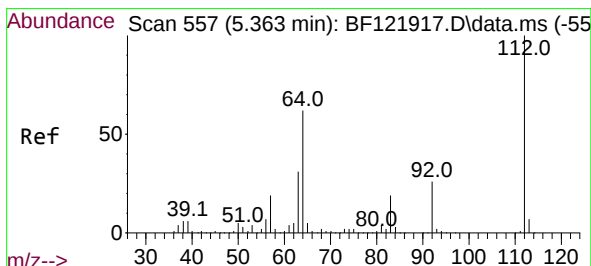
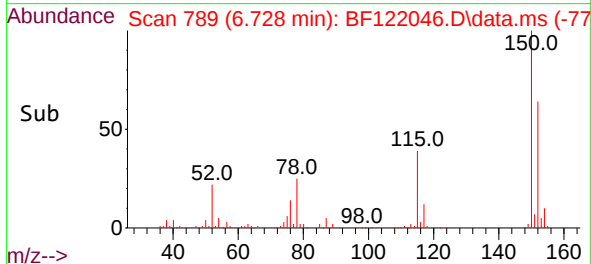
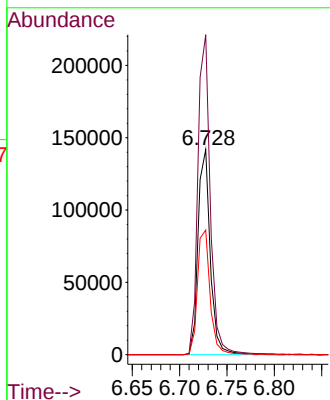
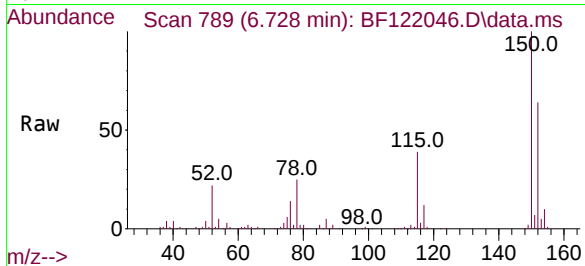




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.000 min
Lab File: BF122046.D
Acq: 21 Oct 2020 10:27

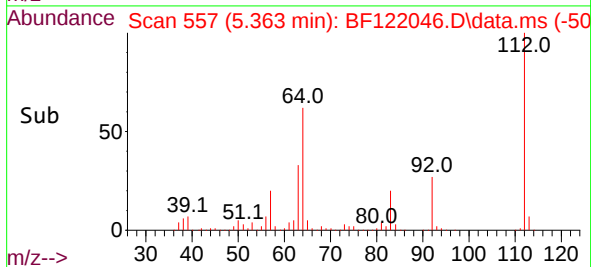
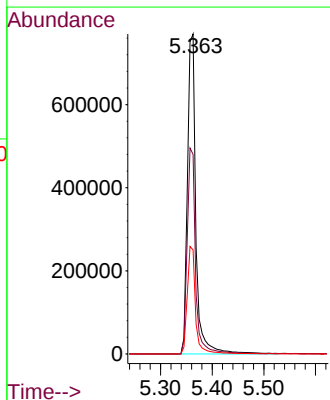
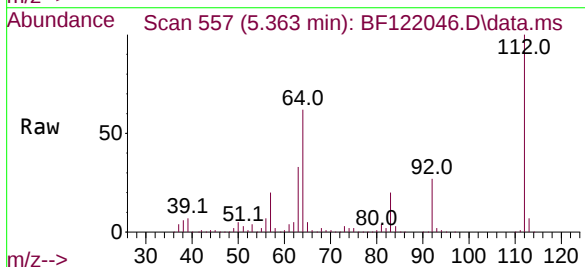
Instrument :
BNA_F
ClientSampleId :
PB132496BL

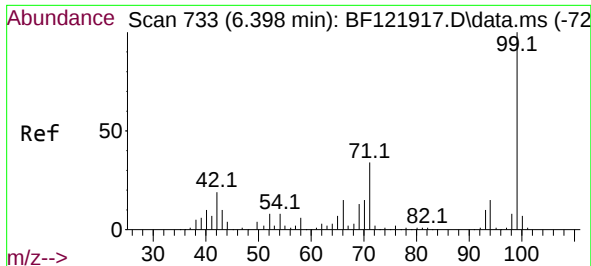
Tgt Ion:152 Resp: 127839
Ion Ratio Lower Upper
152 100
150 156.0 125.3 187.9
115 60.8 51.9 77.9



#5
2-Fluorophenol
Concen: 101.16 ng
RT: 5.363 min Scan# 557
Delta R.T. 0.017 min
Lab File: BF122046.D
Acq: 21 Oct 2020 10:27

Tgt Ion:112 Resp: 876233
Ion Ratio Lower Upper
112 100
64 62.4 50.4 75.6
63 32.5 25.8 38.6

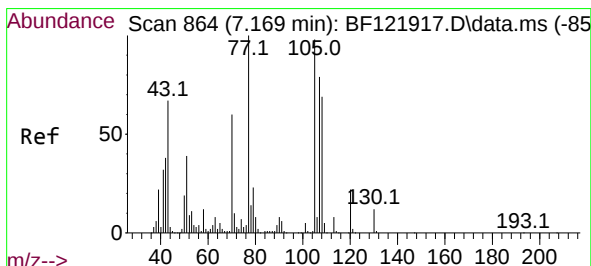
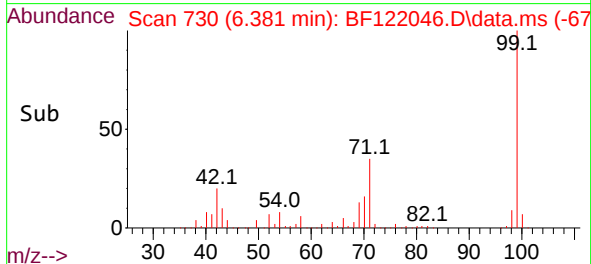
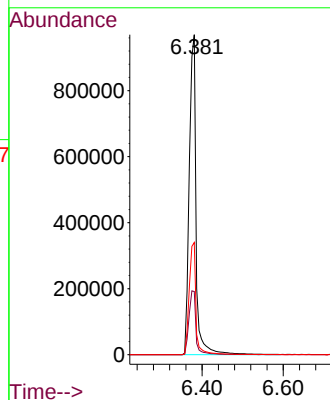
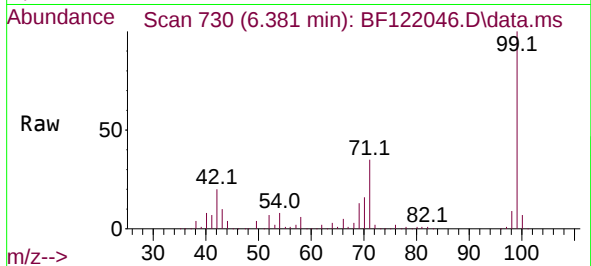




#7
Phenol-d6
Concen: 100.81 ng
RT: 6.381 min Scan# 730
Delta R.T. -0.000 min
Lab File: BF122046.D
Acq: 21 Oct 2020 10:27

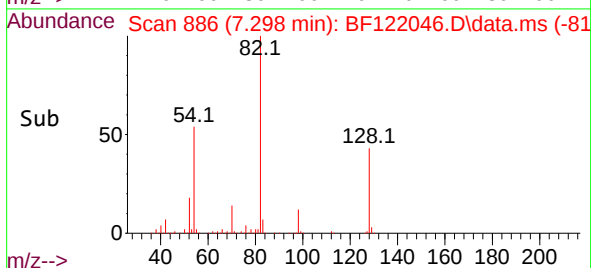
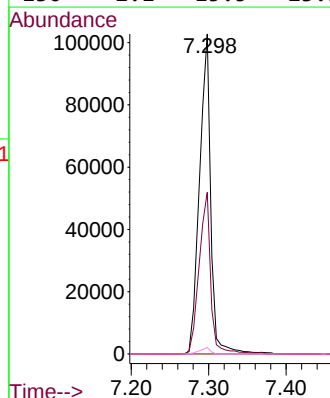
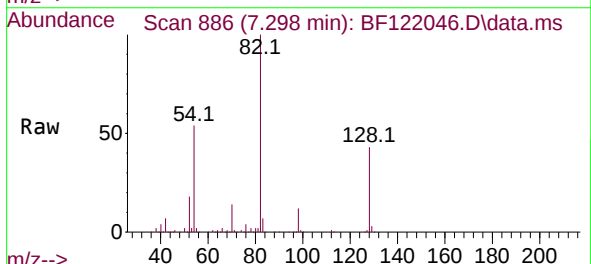
Instrument :
BNA_F
ClientSampleId :
PB132496BL

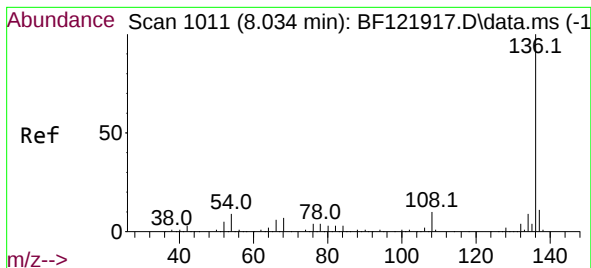
Tgt Ion: 99 Resp: 1124020
Ion Ratio Lower Upper
99 100
42 19.8 15.9 23.9
71 35.0 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 16.33 ng
RT: 7.298 min Scan# 886
Delta R.T. 0.141 min
Lab File: BF122046.D
Acq: 21 Oct 2020 10:27

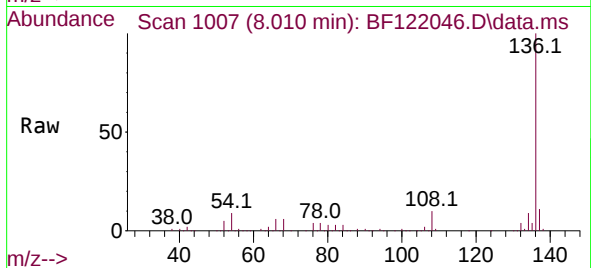
Tgt Ion: 70 Resp: 103641
Ion Ratio Lower Upper
70 100
42 50.5 50.2 75.4
101 0.0 7.5 11.3#
130 2.1 15.5 23.3#



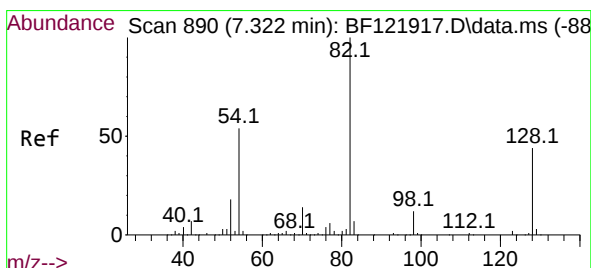
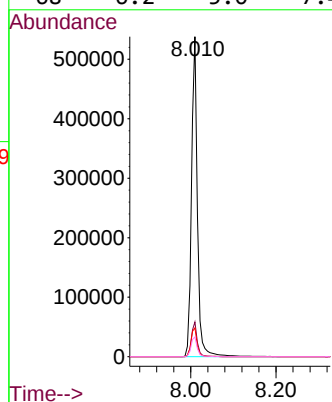
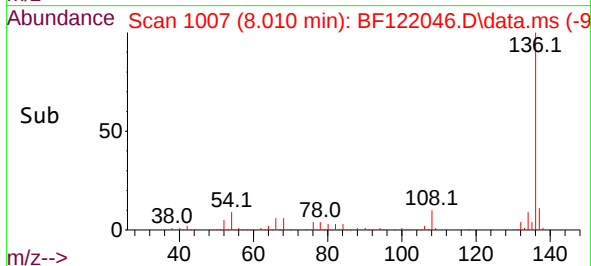


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.000 min
Lab File: BF122046.D
Acq: 21 Oct 2020 10:27

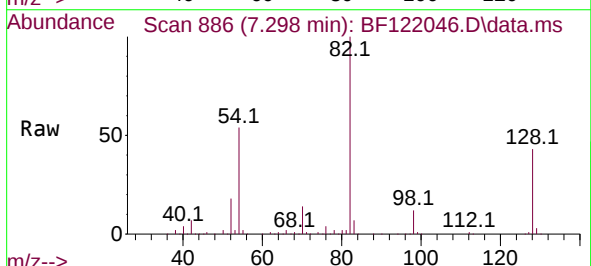
Instrument :
BNA_F
ClientSampleId :
PB132496BL



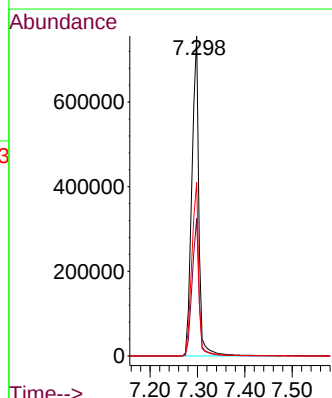
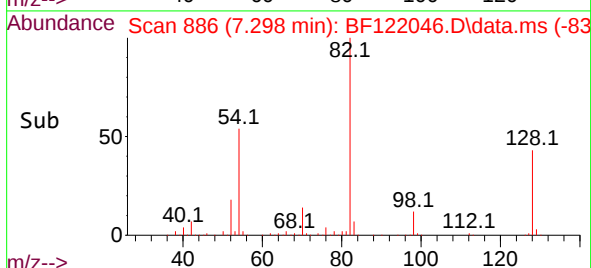
Tgt Ion:136 Resp: 517008
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.0 7.1 10.7
68 6.2 5.0 7.4

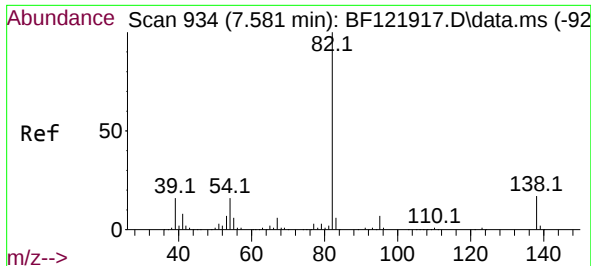


#23
Nitrobenzene-d5
Concen: 77.33 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF122046.D
Acq: 21 Oct 2020 10:27



Tgt Ion: 82 Resp: 779548
Ion Ratio Lower Upper
82 100
128 43.0 35.0 52.4
54 54.2 43.9 65.9

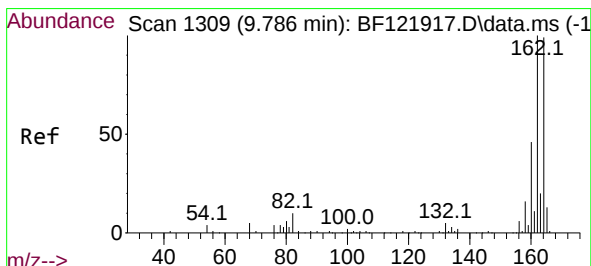
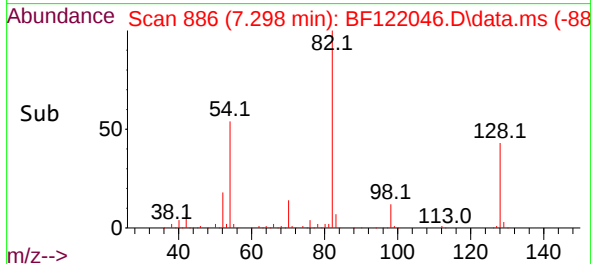
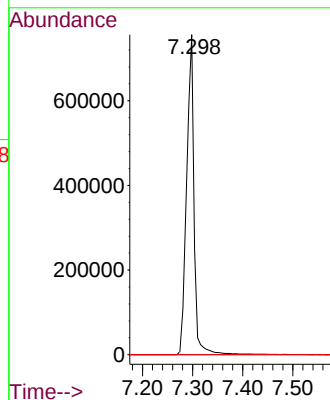
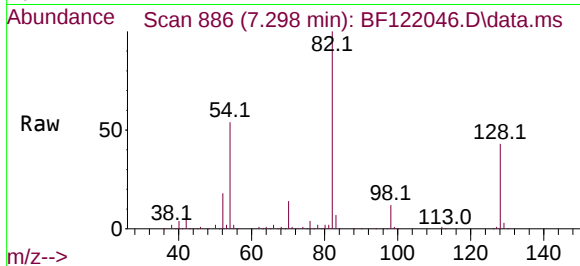




#25
Isophorone
Concen: 40.44 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.265 min
Lab File: BF122046.D
Acq: 21 Oct 2020 10:27

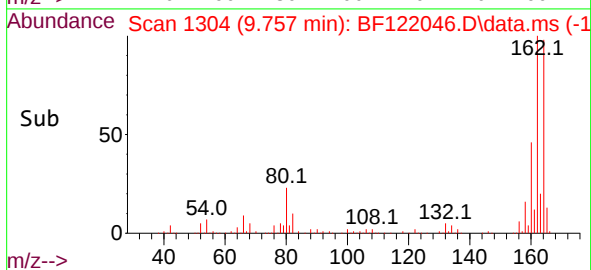
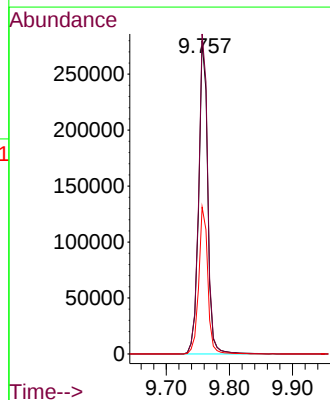
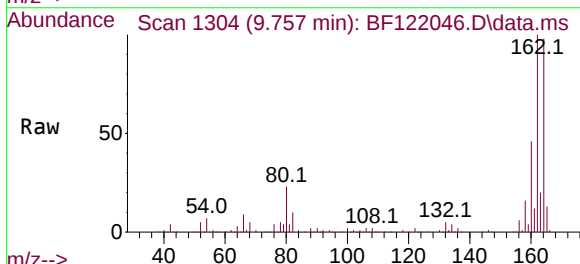
Instrument :
BNA_F
ClientSampleId :
PB132496BL

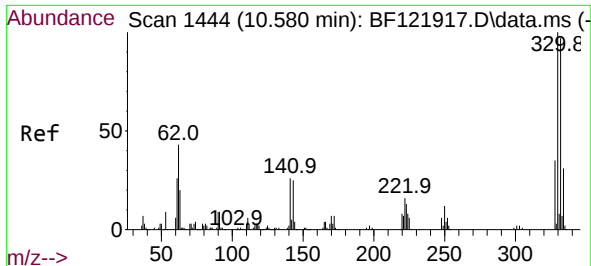
Tgt Ion: 82 Resp: 770884
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF122046.D
Acq: 21 Oct 2020 10:27

Tgt Ion:164 Resp: 276209
Ion Ratio Lower Upper
164 100
162 102.1 83.2 124.8
160 46.9 37.5 56.3

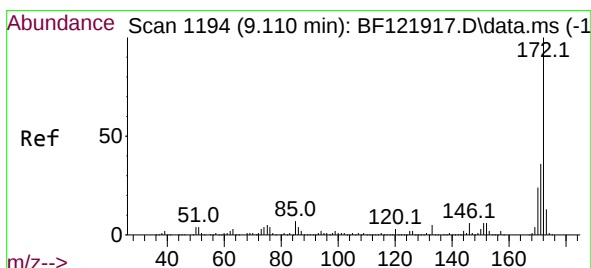
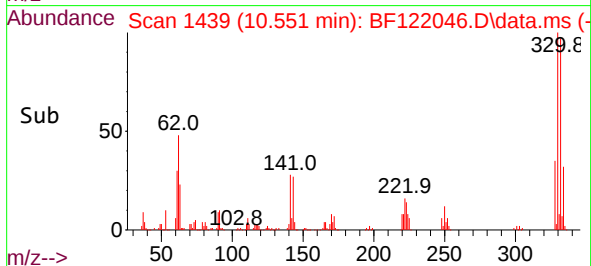
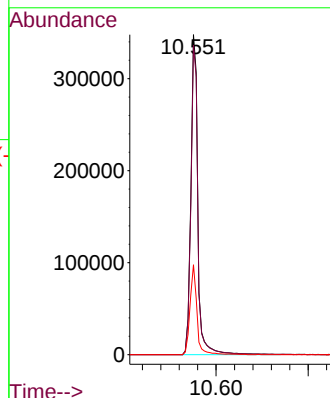
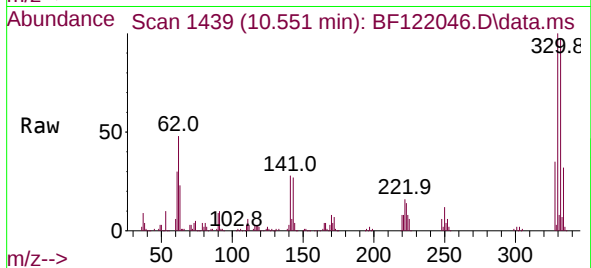




#42
2,4,6-Tribromophenol
Concen: 105.92 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.006 min
Lab File: BF122046.D
Acq: 21 Oct 2020 10:27

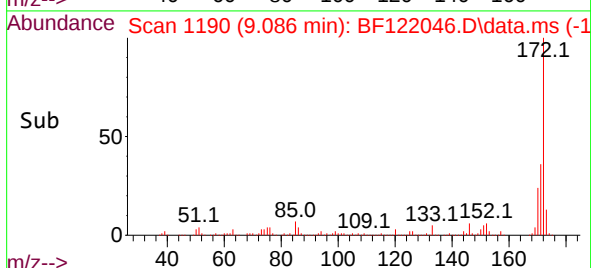
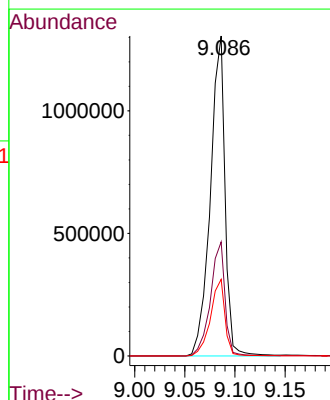
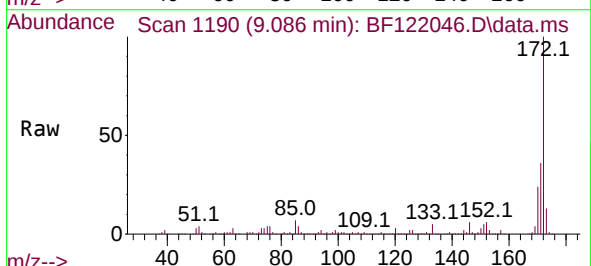
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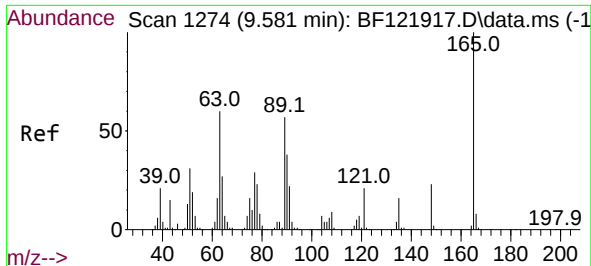
Tgt Ion:330 Resp: 361888
Ion Ratio Lower Upper
330 100
332 97.3 77.3 115.9
141 28.0 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 71.20 ng
RT: 9.086 min Scan# 1190
Delta R.T. -0.000 min
Lab File: BF122046.D
Acq: 21 Oct 2020 10:27

Tgt Ion:172 Resp: 1336567
Ion Ratio Lower Upper
172 100
171 35.7 29.1 43.7
170 23.9 19.8 29.6

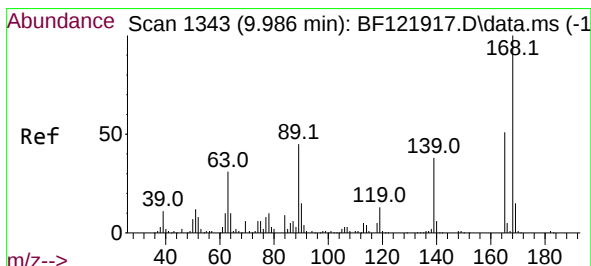
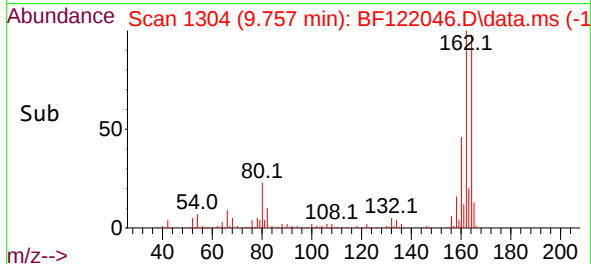
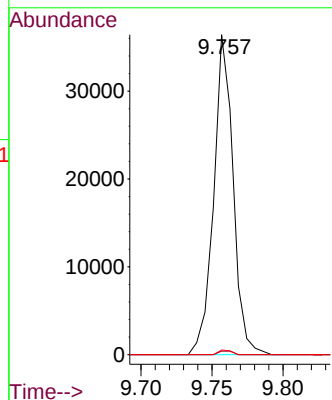
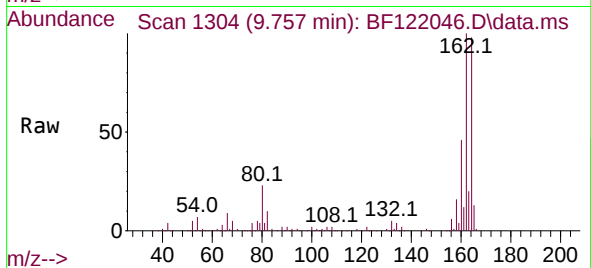




#51
2,6-Dinitrotoluene
Concen: 7.81 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.194 min
Lab File: BF122046.D
Acq: 21 Oct 2020 10:27

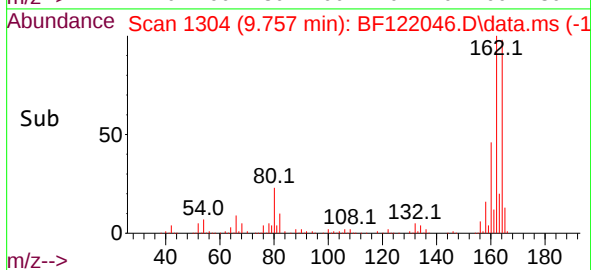
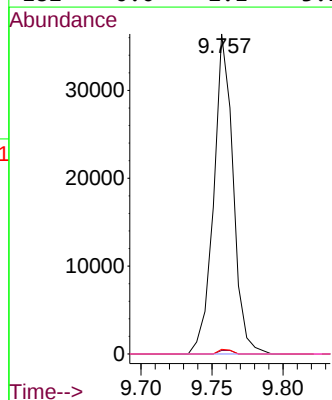
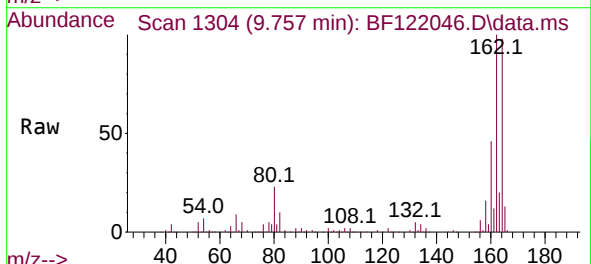
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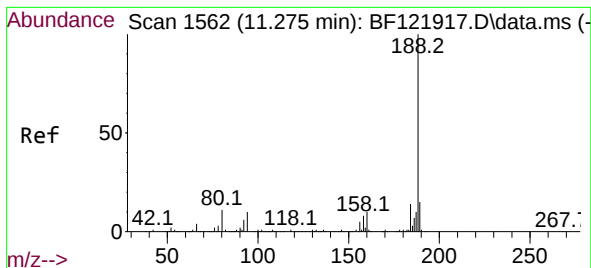
Tgt Ion:165 Resp: 34620
Ion Ratio Lower Upper
165 100
63 1.1 51.8 77.6#
89 1.5 49.0 73.6#



#57
2,4-Dinitrotoluene
Concen: 6.35 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.218 min
Lab File: BF122046.D
Acq: 21 Oct 2020 10:27

Tgt Ion:165 Resp: 34620
Ion Ratio Lower Upper
165 100
63 1.1 41.3 61.9#
89 1.5 61.8 92.8#
182 0.0 2.1 3.1#

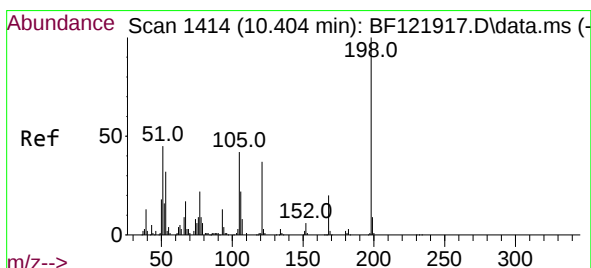
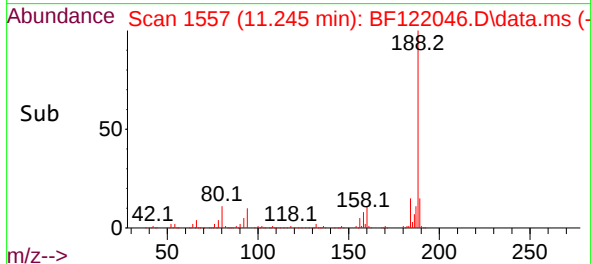
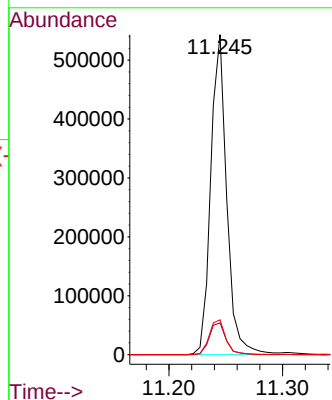
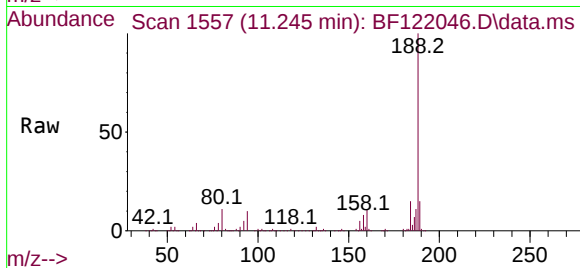




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.245 min Scan# 1557
Delta R.T. -0.000 min
Lab File: BF122046.D
Acq: 21 Oct 2020 10:27

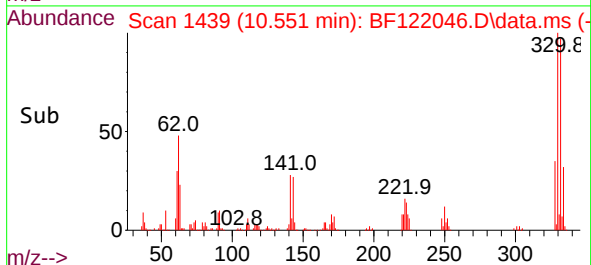
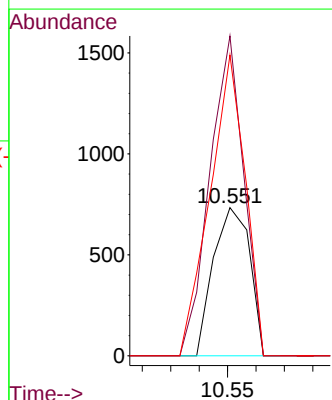
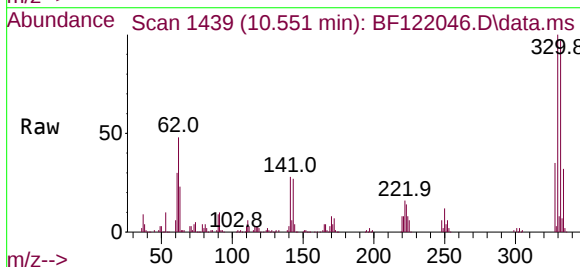
Instrument :
BNA_F
ClientSampleId :
PB132496BL

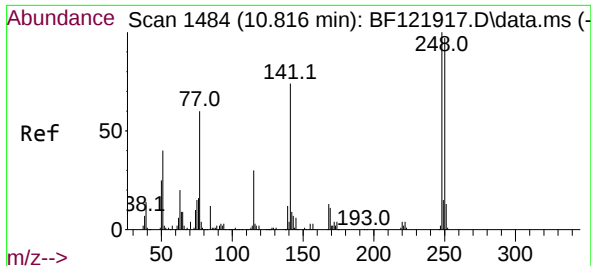
Tgt Ion:188 Resp: 530547
Ion Ratio Lower Upper
188 100
94 9.9 8.3 12.5
80 10.9 9.1 13.7



#65
4,6-Dinitro-2-methylphenol
Concen: 4.60 ng
RT: 10.551 min Scan# 1439
Delta R.T. 0.164 min
Lab File: BF122046.D
Acq: 21 Oct 2020 10:27

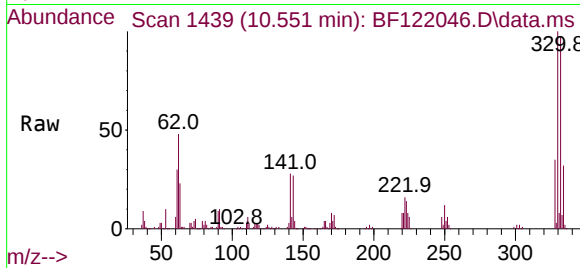
Tgt Ion:198 Resp: 651
Ion Ratio Lower Upper
198 100
51 215.8 29.6 69.6#
105 203.0 24.4 64.4#



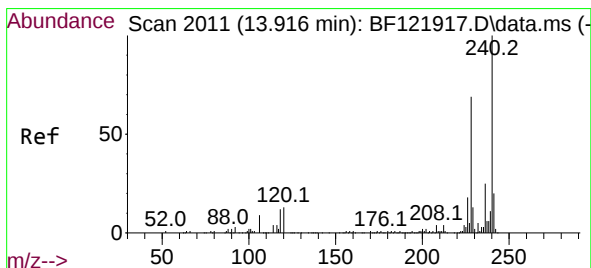
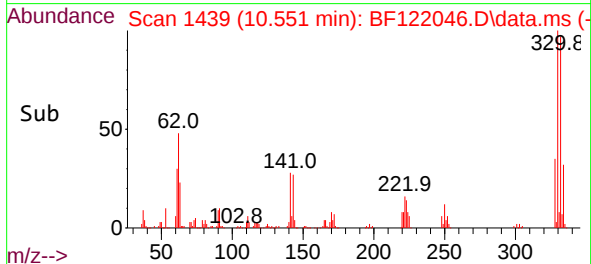
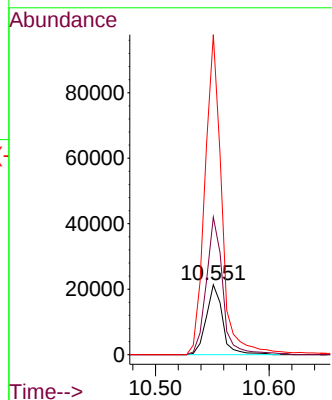


#67
4-Bromophenyl-phenylether
Concen: 3.49 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.241 min
Lab File: BF122046.D
Acq: 21 Oct 2020 10:27

Instrument :
BNA_F
ClientSampleId :
PB132496BL

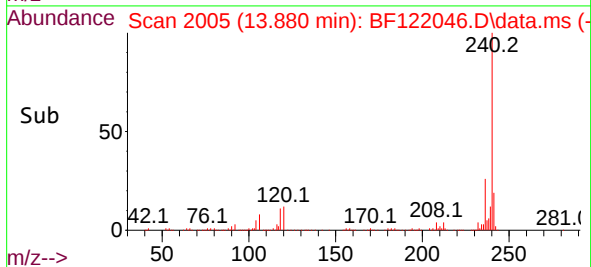
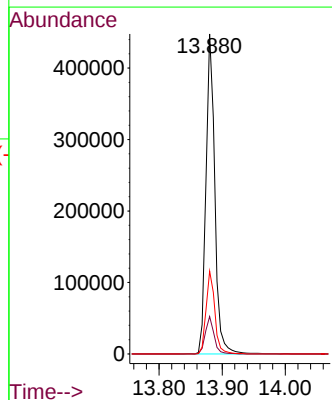
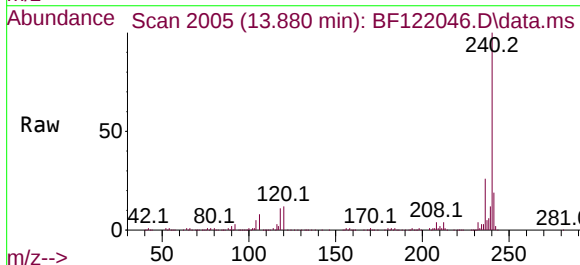


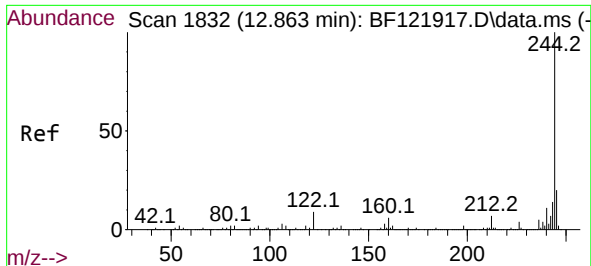
Tgt Ion:248 Resp: 21388
Ion Ratio Lower Upper
248 100
250 196.9 77.0 115.6#
141 457.9 53.7 80.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.006 min
Lab File: BF122046.D
Acq: 21 Oct 2020 10:27

Tgt Ion:240 Resp: 437661
Ion Ratio Lower Upper
240 100
120 11.7 9.2 13.8
236 25.9 20.9 31.3

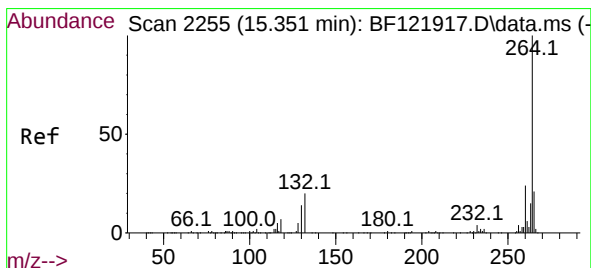
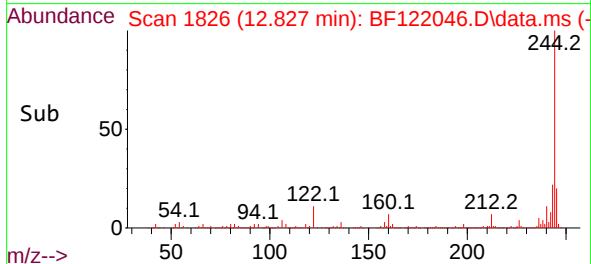
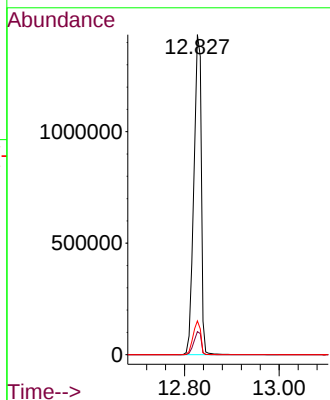
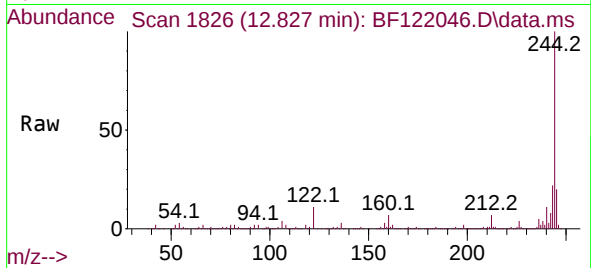




#79
 Terphenyl-d14
 Concen: 67.61 ng
 RT: 12.827 min Scan# 1826
 Delta R.T. -0.006 min
 Lab File: BF122046.D
 Acq: 21 Oct 2020 10:27

Instrument :
 BNA_F
 ClientSampleId :
 PB132496BL

Tgt Ion:244 Resp: 1552735
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.2
 122 10.6 8.1 12.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.309 min Scan# 2248
 Delta R.T. -0.006 min
 Lab File: BF122046.D
 Acq: 21 Oct 2020 10:27

Tgt Ion:264 Resp: 354733
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.7 28.1
 265 21.9 17.3 25.9

