

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102120\
 Data File : BF122052.D
 Acq On : 21 Oct 2020 13:39
 Operator : JU/CG
 Sample : L4309-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OWLS-HEAD-BH-04-B

Quant Time: Oct 21 14:26:36 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 12:04:42 2020
 Response via : Initial Calibration

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

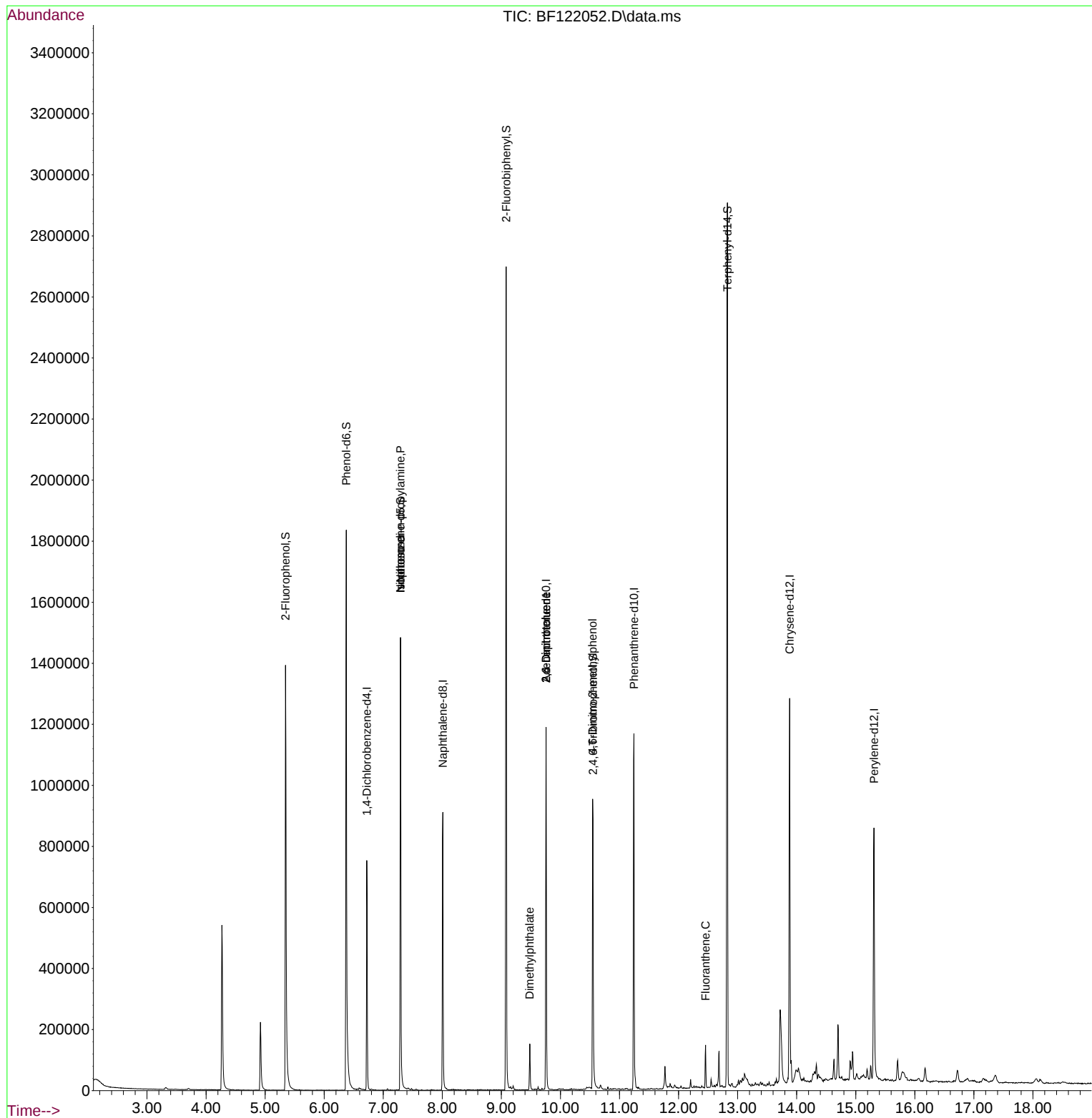
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	107508	20.00	ng	0.00
21) Naphthalene-d8	8.010	136	435423	20.00	ng	0.00
39) Acenaphthene-d10	9.757	164	226325	20.00	ng	0.00
64) Phenanthrene-d10	11.245	188	445001	20.00	ng	0.00
76) Chrysene-d12	13.880	240	405078	20.00	ng	0.00
86) Perylene-d12	15.309	264	369999	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.345	112	451179	61.94	ng	0.00
7) Phenol-d6	6.375	99	660151	70.40	ng	0.00
23) Nitrobenzene-d5	7.292	82	463775	54.62	ng	-0.01
42) 2,4,6-Tribromophenol	10.551	330	136210	48.65	ng	0.00
45) 2-Fluorobiphenyl	9.080	172	799521	51.98	ng	0.00
79) Terphenyl-d14	12.827	244	969760	45.62	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.375	77	913	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.292	70	62231	11.66	ng	# 79
25) Isophorone	7.292	82	455349	28.36	ng	# 67
50) Dimethylphthalate	9.480	163	61867	3.74	ng	99
51) 2,6-Dinitrotoluene	9.757	165	28923	7.97	ng	# 20
57) 2,4-Dinitrotoluene	9.757	165	28923	6.47	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.545	198	249	4.51	ng	# 1
75) Fluoranthene	12.457	202	53144	2.03	ng	99

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

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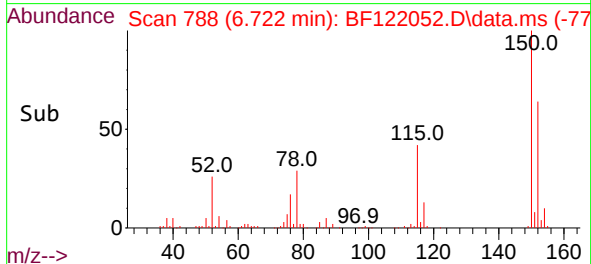
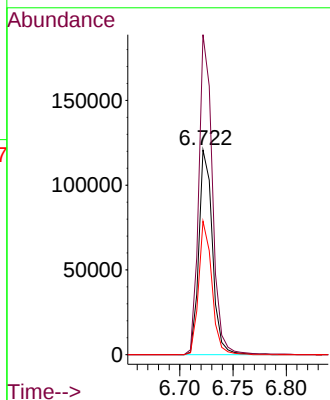
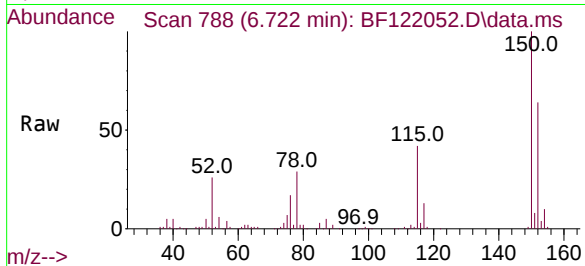




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.722 min Scan# 788
Delta R.T. -0.006 min
Lab File: BF122052.D
Acq: 21 Oct 2020 13:39

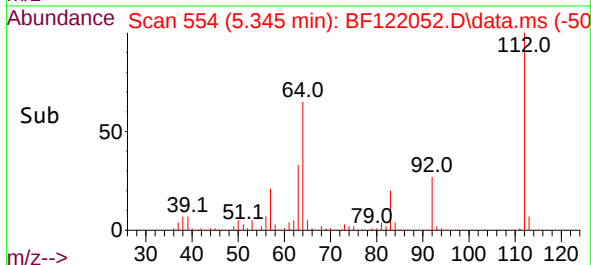
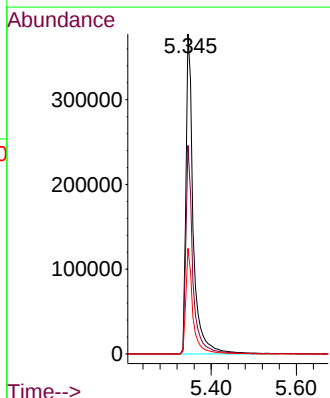
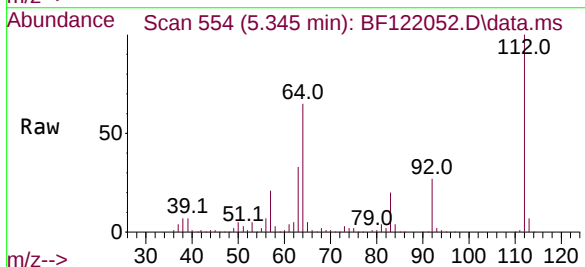
Instrument :
BNA_F
ClientSampleId :
OWLS-HEAD-BH-04-B

Tgt Ion:152 Resp: 107508
Ion Ratio Lower Upper
152 100
150 156.3 125.3 187.9
115 65.2 51.9 77.9



#5
2-Fluorophenol
Concen: 61.94 ng
RT: 5.345 min Scan# 554
Delta R.T. -0.000 min
Lab File: BF122052.D
Acq: 21 Oct 2020 13:39

Tgt Ion:112 Resp: 451179
Ion Ratio Lower Upper
112 100
64 65.2 50.4 75.6
63 33.0 25.8 38.6

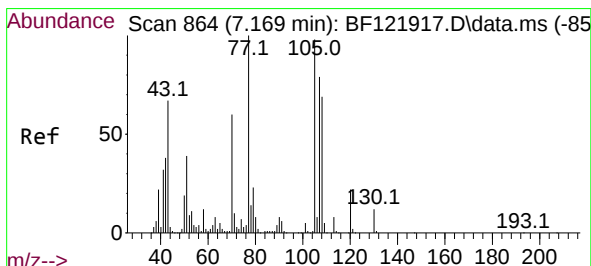
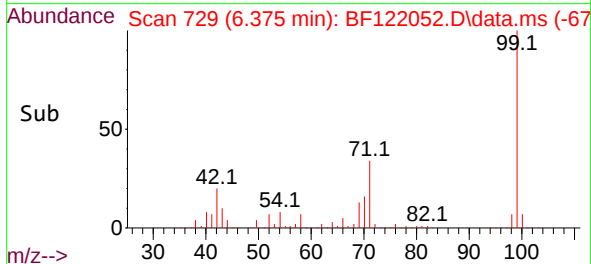
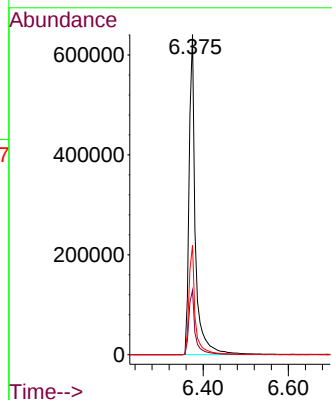
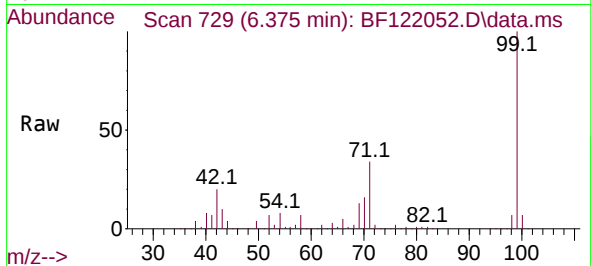




#7
Phenol-d6
Concen: 70.40 ng
RT: 6.375 min Scan# 729
Delta R.T. -0.006 min
Lab File: BF122052.D
Acq: 21 Oct 2020 13:39

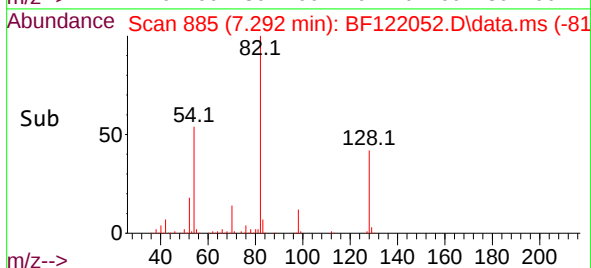
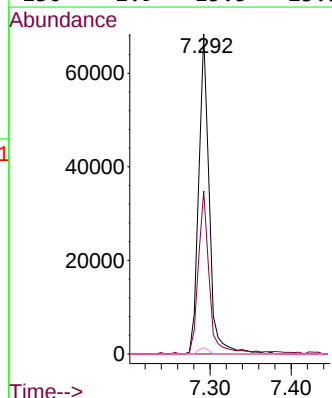
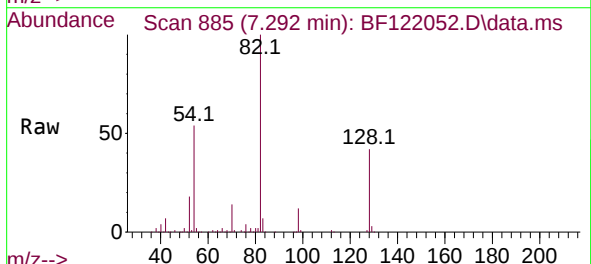
Instrument :
BNA_F
ClientSampleId :
OWLS-HEAD-BH-04-B

Tgt Ion: 99 Resp: 660151
Ion Ratio Lower Upper
99 100
42 20.1 15.9 23.9
71 34.3 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 11.66 ng
RT: 7.292 min Scan# 885
Delta R.T. 0.135 min
Lab File: BF122052.D
Acq: 21 Oct 2020 13:39

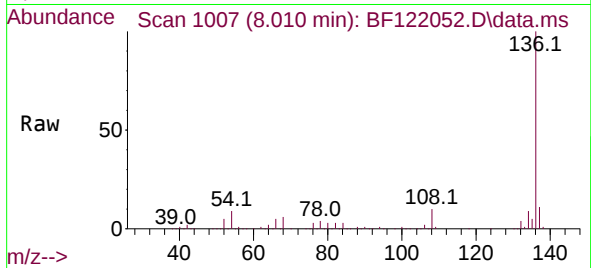
Tgt Ion: 70 Resp: 62231
Ion Ratio Lower Upper
70 100
42 51.0 50.2 75.4
101 0.0 7.5 11.3#
130 1.9 15.5 23.3#



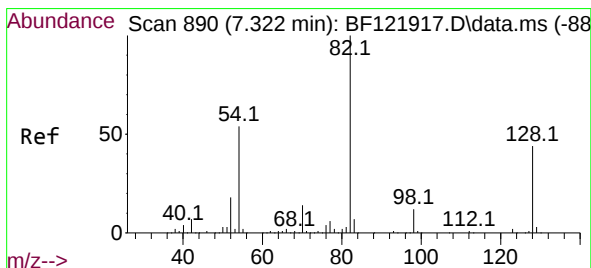
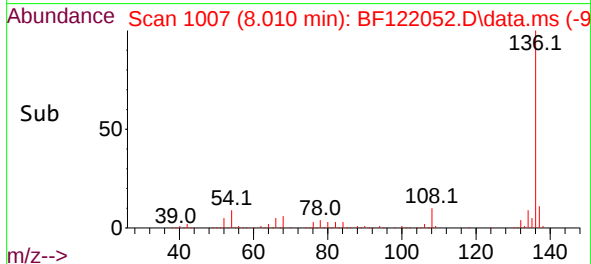
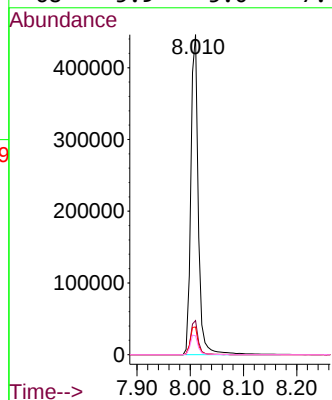


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.000 min
Lab File: BF122052.D
Acq: 21 Oct 2020 13:39

Instrument :
BNA_F
ClientSampleId :
OWLS-HEAD-BH-04-B

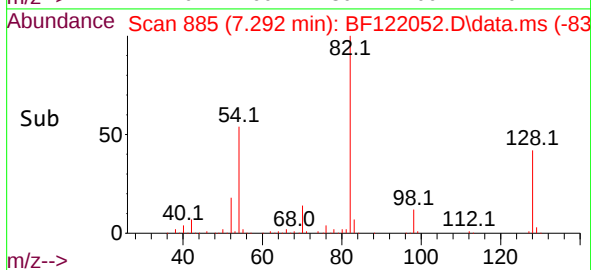
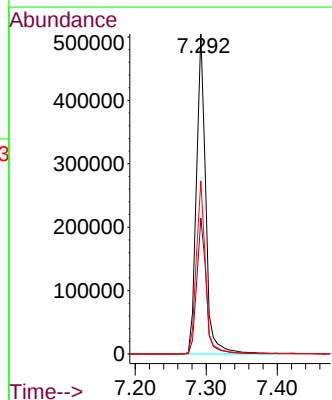
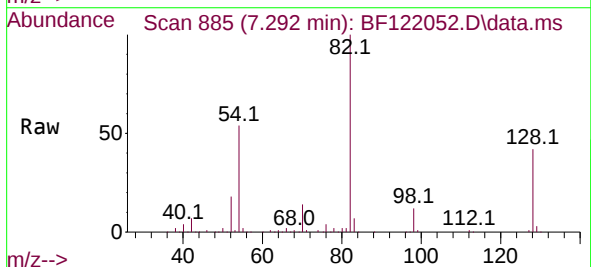


Tgt Ion:136 Resp: 435423
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.6 7.1 10.7
68 5.9 5.0 7.4



#23
Nitrobenzene-d5
Concen: 54.62 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.012 min
Lab File: BF122052.D
Acq: 21 Oct 2020 13:39

Tgt Ion: 82 Resp: 463775
Ion Ratio Lower Upper
82 100
128 42.4 35.0 52.4
54 54.0 43.9 65.9

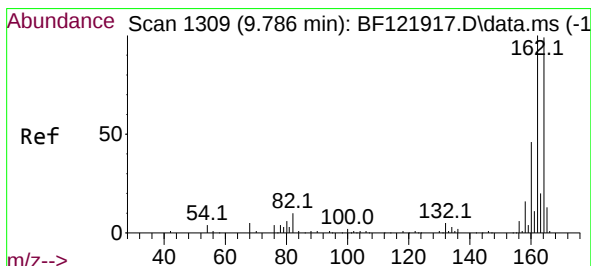
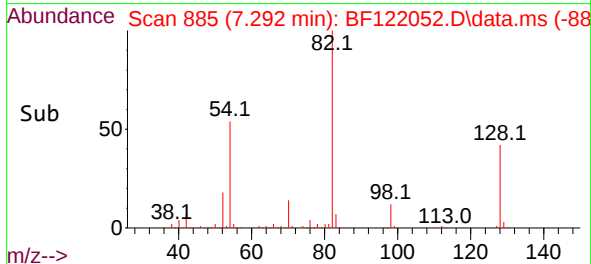
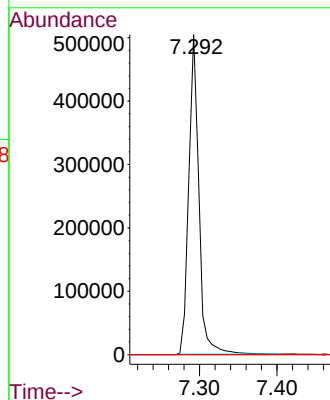
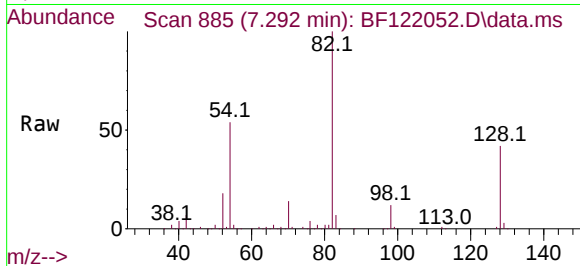




#25
Isophorone
Concen: 28.36 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.271 min
Lab File: BF122052.D
Acq: 21 Oct 2020 13:39

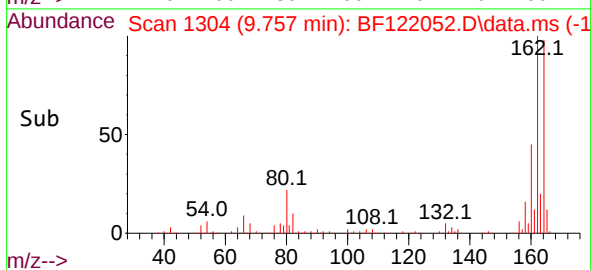
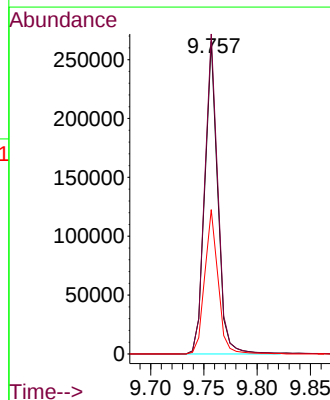
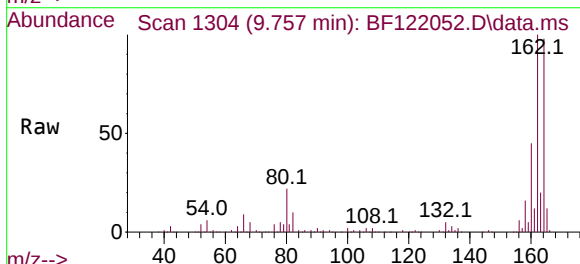
Instrument :
BNA_F
ClientSampleId :
OWLS-HEAD-BH-04-B

Tgt Ion: 82 Resp: 455349
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: BF122052.D
Acq: 21 Oct 2020 13:39

Tgt Ion: 164 Resp: 226325
Ion Ratio Lower Upper
164 100
162 102.4 83.2 124.8
160 46.2 37.5 56.3

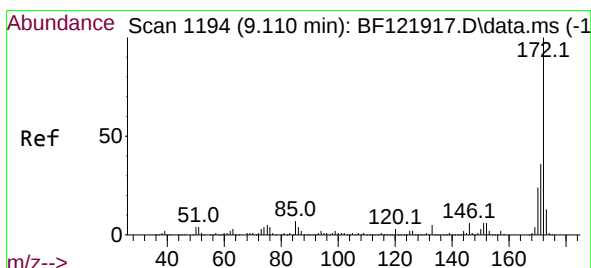
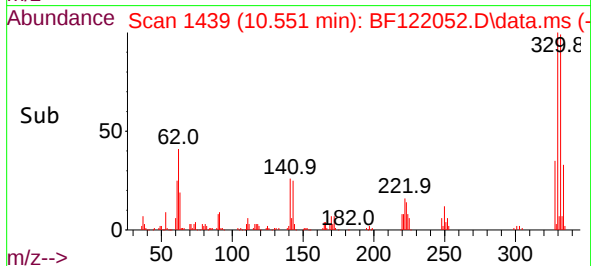
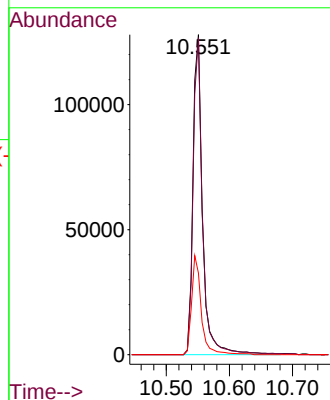
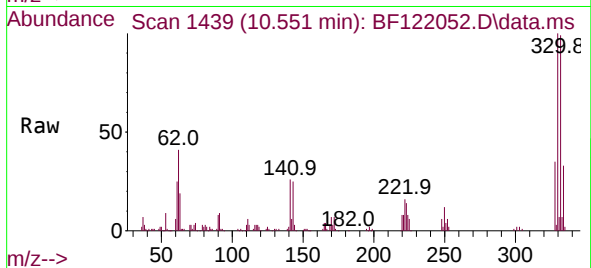




#42
2,4,6-Tribromophenol
Concen: 48.65 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.006 min
Lab File: BF122052.D
Acq: 21 Oct 2020 13:39

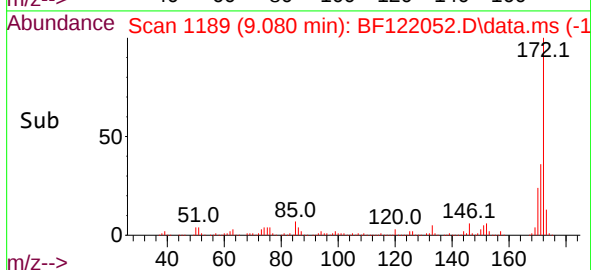
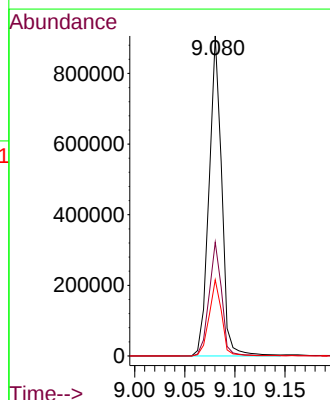
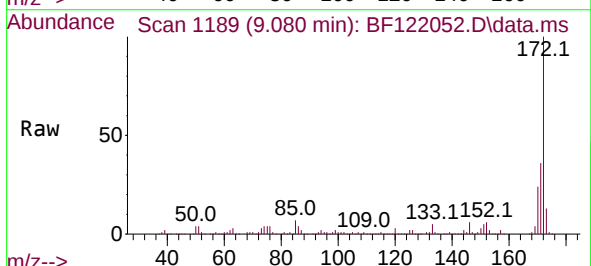
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ClientSampleId :
OWLS-HEAD-BH-04-B

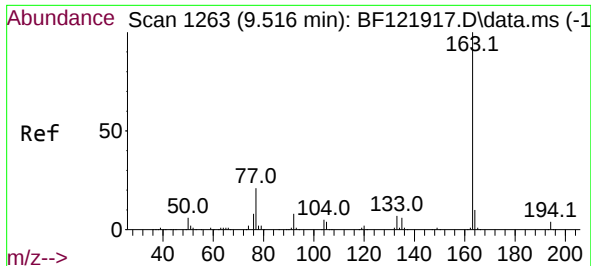
Tgt Ion:330 Resp: 136210
Ion Ratio Lower Upper
330 100
332 97.2 77.3 115.9
141 31.3 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 51.98 ng
RT: 9.080 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BF122052.D
Acq: 21 Oct 2020 13:39

Tgt Ion:172 Resp: 799521
Ion Ratio Lower Upper
172 100
171 35.5 29.1 43.7
170 23.8 19.8 29.6

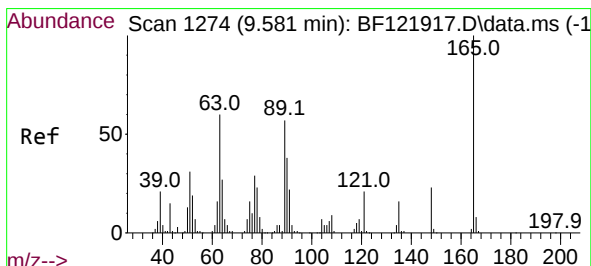
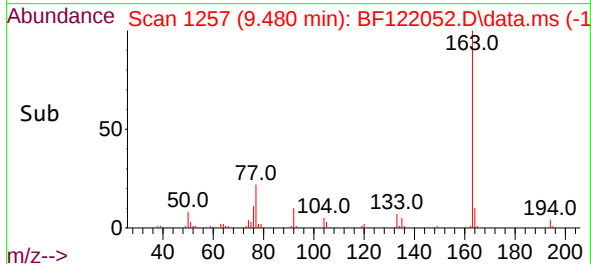
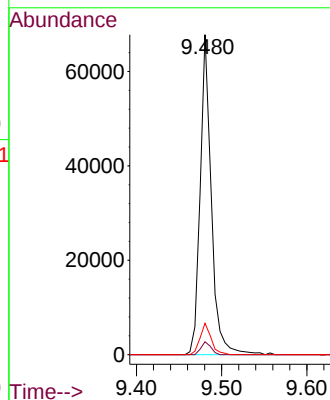
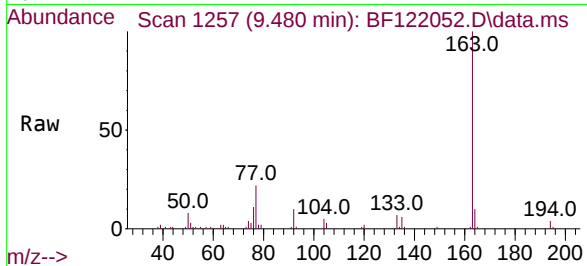




#50
Dimethylphthalate
Concen: 3.74 ng
RT: 9.480 min Scan# 1257
Delta R.T. -0.012 min
Lab File: BF122052.D
Acq: 21 Oct 2020 13:39

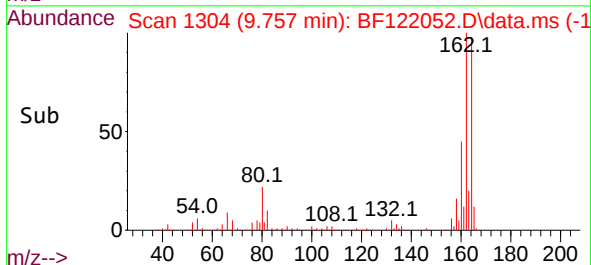
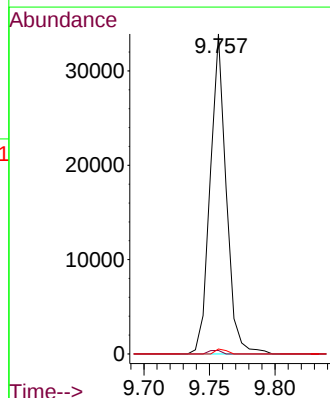
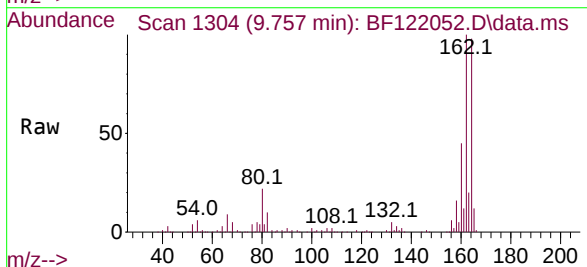
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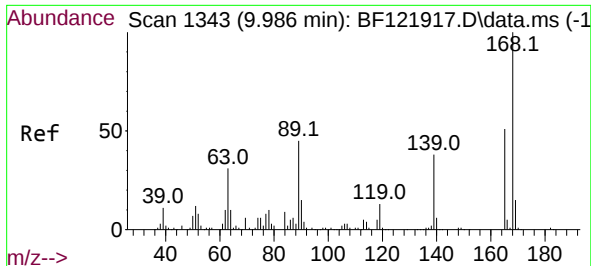
Tgt Ion:163 Resp: 61867
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 9.8 8.2 12.4



#51
2,6-Dinitrotoluene
Concen: 7.97 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.194 min
Lab File: BF122052.D
Acq: 21 Oct 2020 13:39

Tgt Ion:165 Resp: 28923
Ion Ratio Lower Upper
165 100
63 1.1 51.8 77.6#
89 1.5 49.0 73.6#

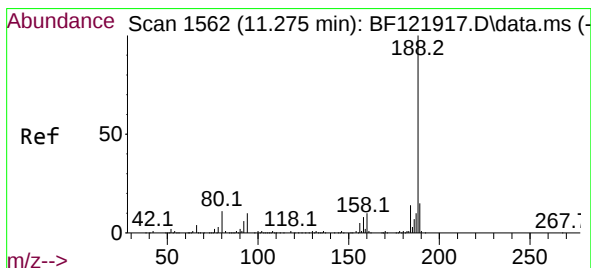
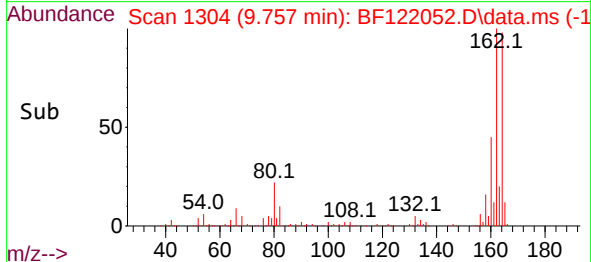
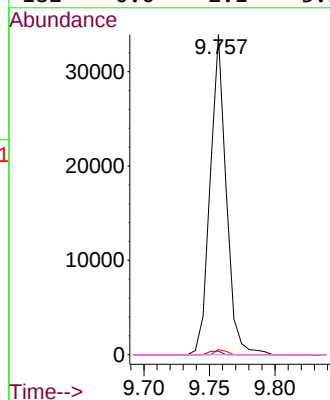
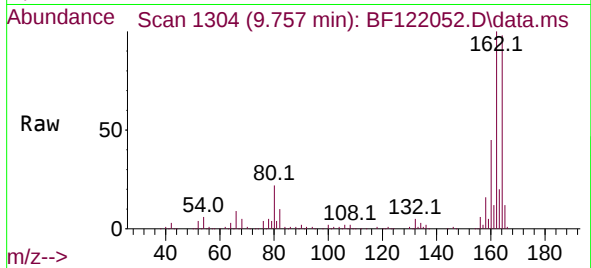




#57
2,4-Dinitrotoluene
Concen: 6.47 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.218 min
Lab File: BF122052.D
Acq: 21 Oct 2020 13:39

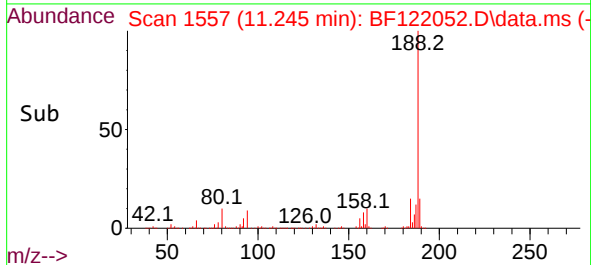
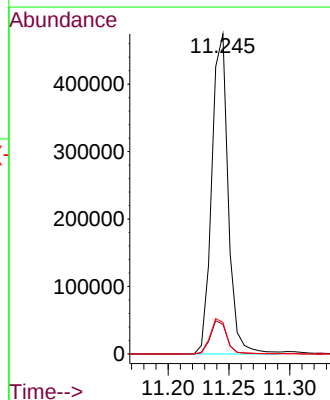
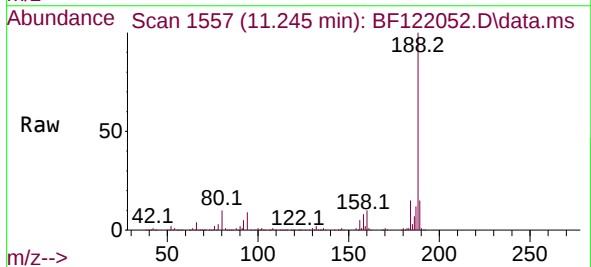
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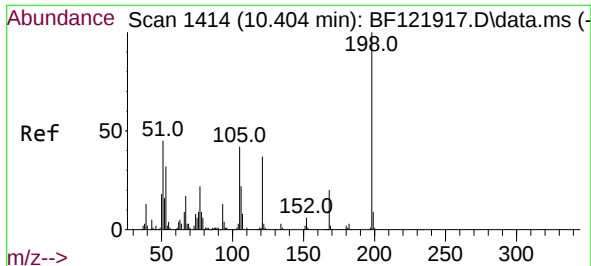
Tgt Ion:165	Resp:	28923
Ion Ratio	Lower	Upper
165	100	
63	1.1	41.3 61.9#
89	1.5	61.8 92.8#
182	0.0	2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.245 min Scan# 1557
Delta R.T. -0.000 min
Lab File: BF122052.D
Acq: 21 Oct 2020 13:39

Tgt Ion:188	Resp:	445001
Ion Ratio	Lower	Upper
188	100	
94	9.3	8.3 12.5
80	9.9	9.1 13.7

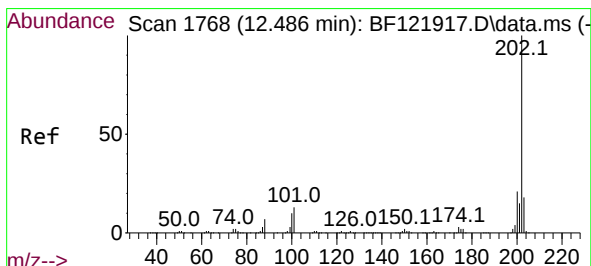
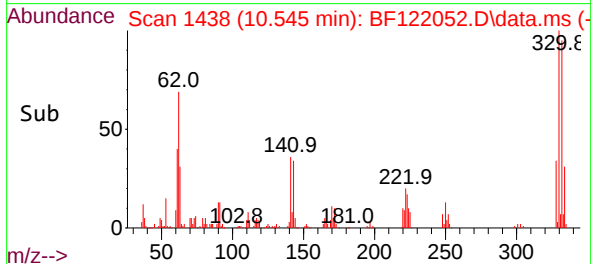
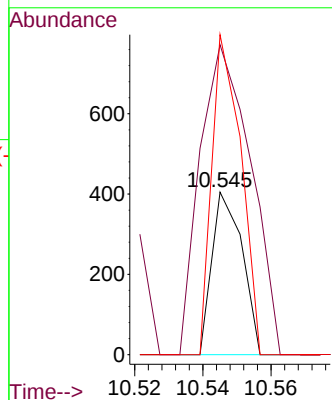
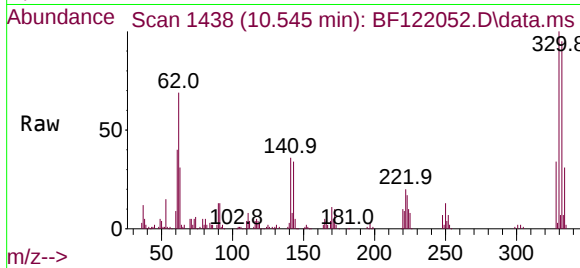




#65
4,6-Dinitro-2-methylphenol
Concen: 4.51 ng
RT: 10.545 min Scan# 1438
Delta R.T. 0.159 min
Lab File: BF122052.D
Acq: 21 Oct 2020 13:39

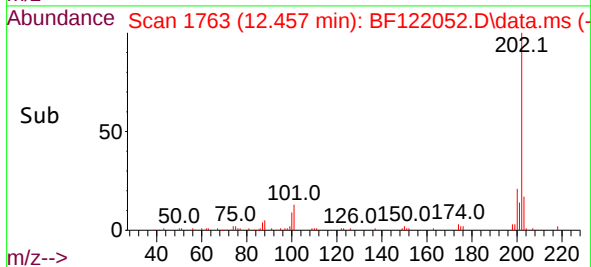
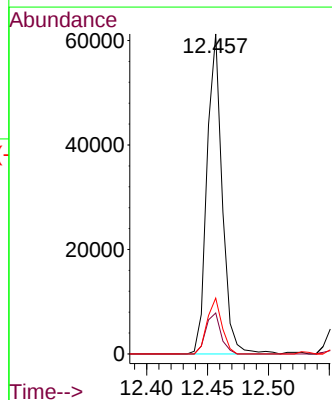
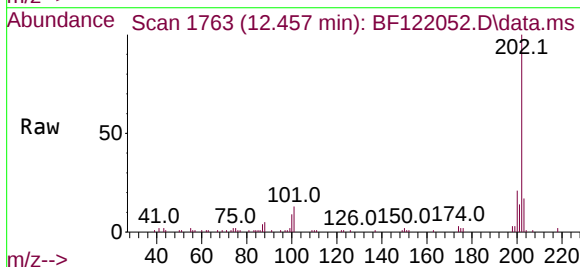
Instrument :
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OWLS-HEAD-BH-04-B

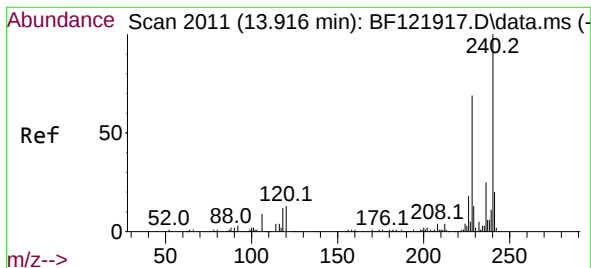
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Ion Ratio Lower Upper
198 100
51 190.6 29.6 69.6#
105 196.8 24.4 64.4#



#75
Fluoranthene
Concen: 2.03 ng
RT: 12.457 min Scan# 1763
Delta R.T. -0.006 min
Lab File: BF122052.D
Acq: 21 Oct 2020 13:39

Tgt Ion:202 Resp: 53144
Ion Ratio Lower Upper
202 100
101 12.8 0.0 33.4
203 17.4 0.0 37.9

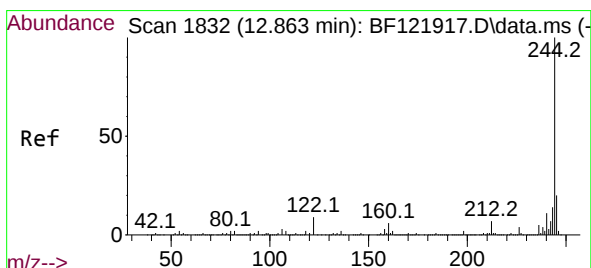
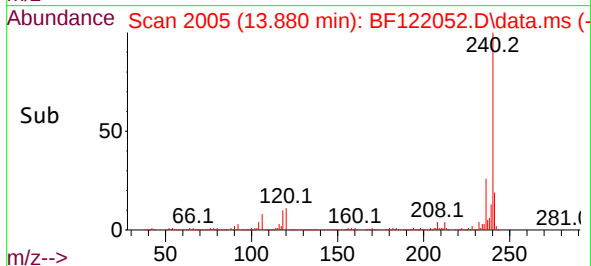
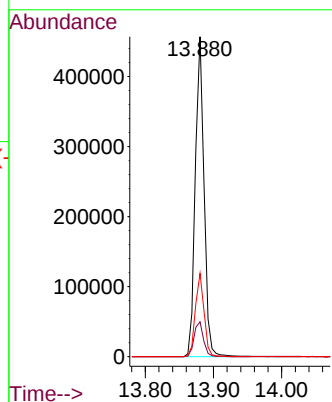
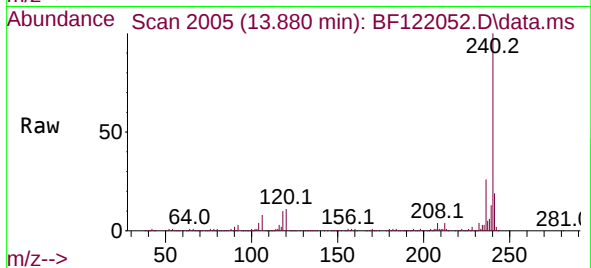




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.006 min
Lab File: BF122052.D
Acq: 21 Oct 2020 13:39

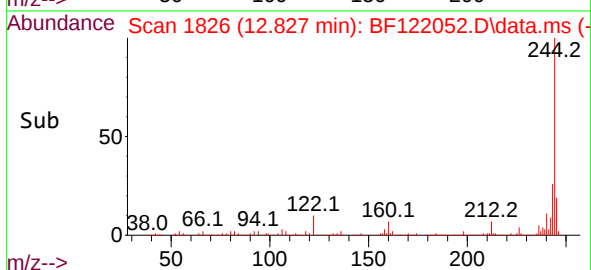
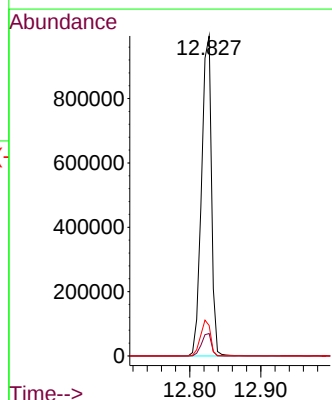
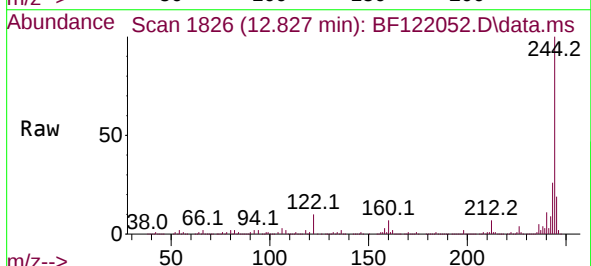
Instrument :
BNA_F
ClientSampleId :
OWLS-HEAD-BH-04-B

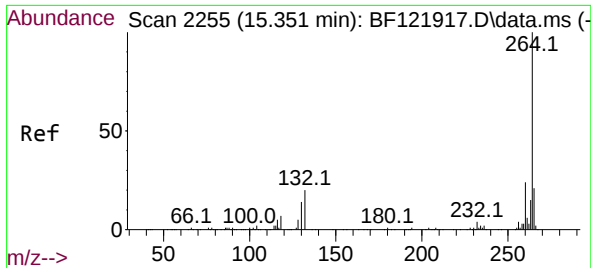
Tgt Ion:240 Resp: 405078
Ion Ratio Lower Upper
240 100
120 10.9 9.2 13.8
236 26.0 20.9 31.3



#79
Terphenyl-d14
Concen: 45.62 ng
RT: 12.827 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BF122052.D
Acq: 21 Oct 2020 13:39

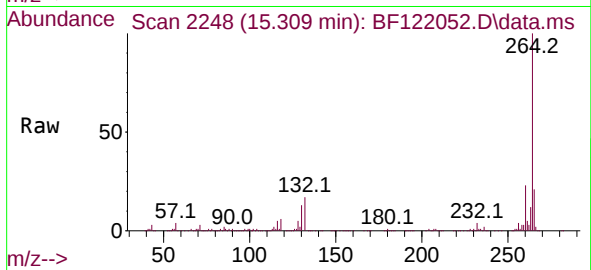
Tgt Ion:244 Resp: 969760
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.2
122 9.5 8.1 12.1





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.309 min Scan# 2248
 Delta R.T. -0.006 min
 Lab File: BF122052.D
 Acq: 21 Oct 2020 13:39

Instrument :
 BNA_F
 ClientSampleId :
 OWLS-HEAD-BH-04-B



Tgt Ion:264 Resp: 369999

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.7	28.1
265	21.4	17.3	25.9

