

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110320\
 Data File : BF122247.D
 Acq On : 3 Nov 2020 18:34
 Operator : JU/CG
 Sample : L4570-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-PIER-S

Quant Time: Nov 04 01:07:36 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)

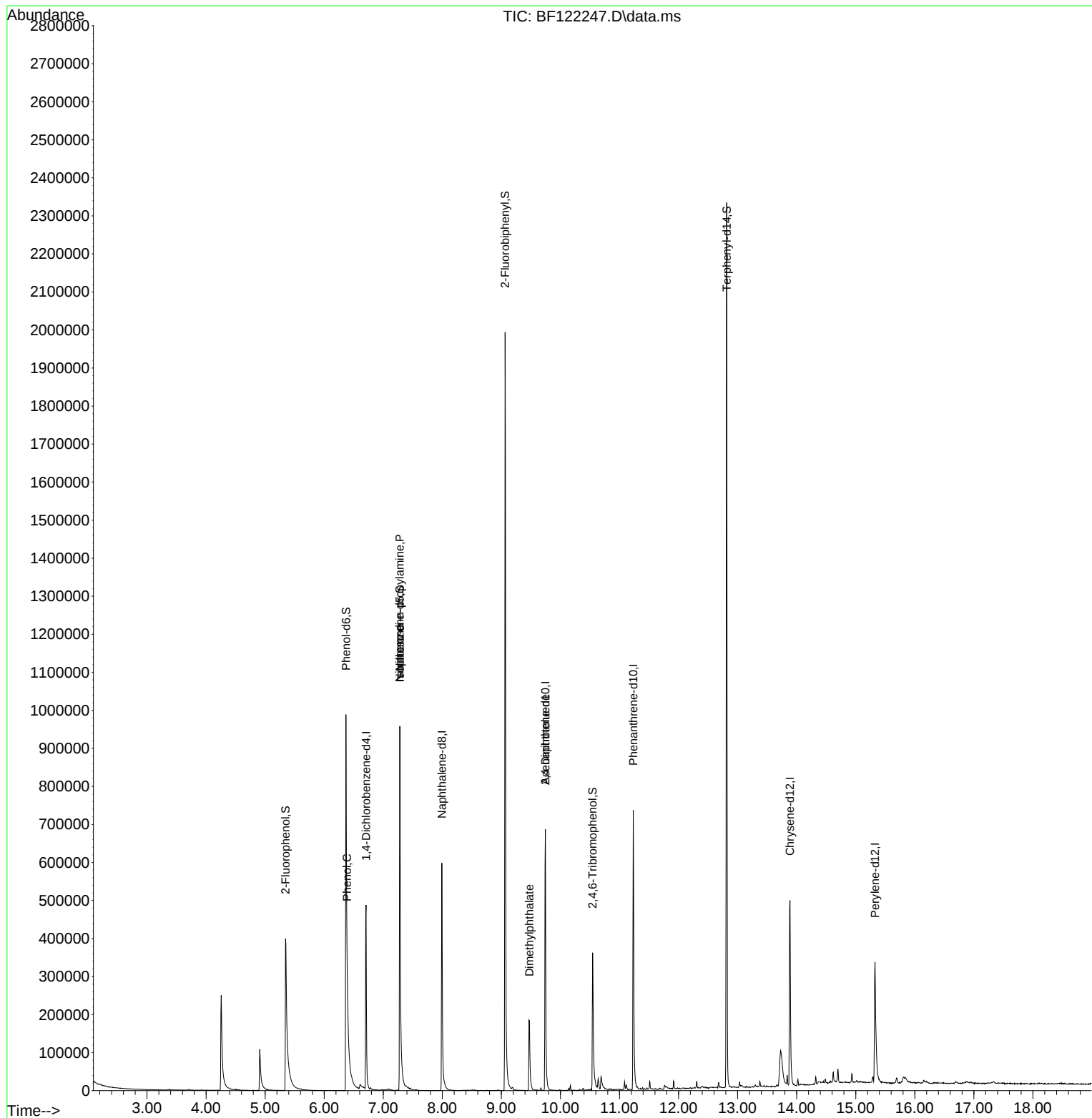
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.710	152	81857	20.00	ng	0.00
21) Naphthalene-d8	7.992	136	323725	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	167057	20.00	ng	0.00
64) Phenanthrene-d10	11.233	188	319068	20.00	ng	0.00
76) Chrysene-d12	13.886	240	224672	20.00	ng	0.00
86) Perylene-d12	15.327	264	210297	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.345	112	258052	46.53	ng	0.01
7) Phenol-d6	6.369	99	549474	76.96	ng	0.00
23) Nitrobenzene-d5	7.281	82	396867	62.87	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	64111	31.02	ng	0.00
45) 2-Fluorobiphenyl	9.063	172	706233	62.20	ng	-0.01
79) Terphenyl-d14	12.816	244	719313	61.02	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.369	77	818	Below Cal	#	3
10) Phenol	6.387	94	28080	3.81	ng	# 75
19) n-Nitroso-di-n-propyla...	7.281	70	51390	12.64	ng	# 79
25) Isophorone	7.281	82	396867	33.25	ng	# 67
50) Dimethylphthalate	9.475	163	114596	9.38	ng	99
57) 2,4-Dinitrotoluene	9.745	165	21141	6.41	ng	# 20

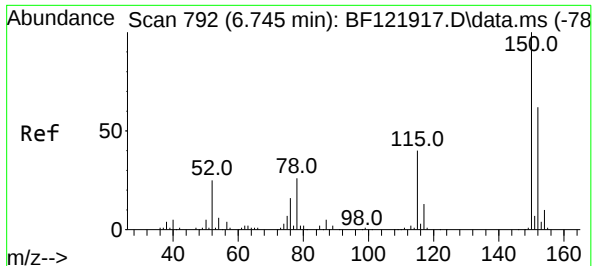
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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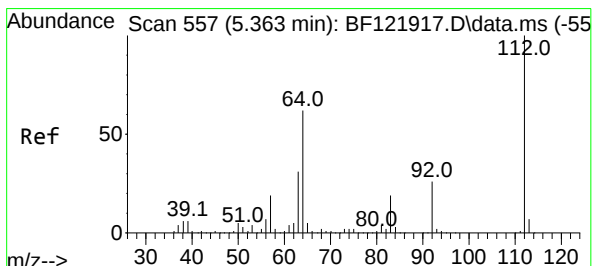
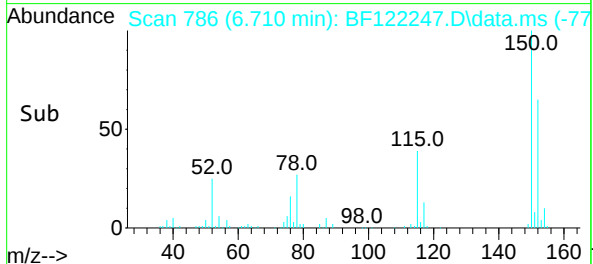
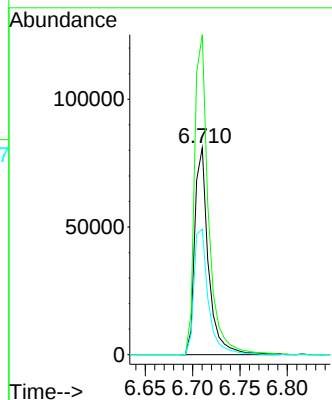
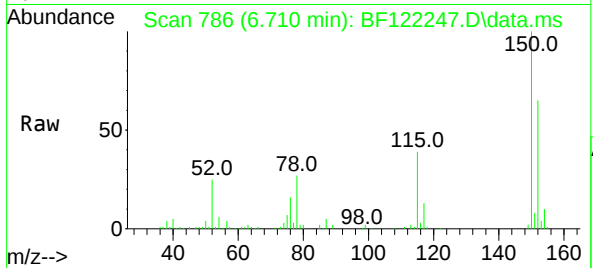




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.710 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF122247.D
Acq: 3 Nov 2020 18:34

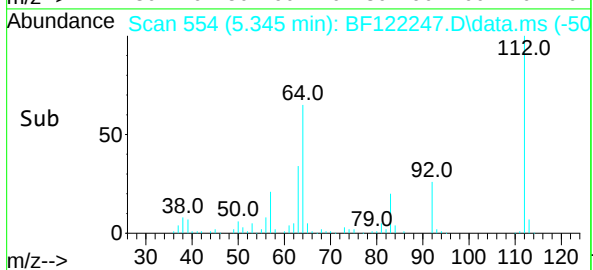
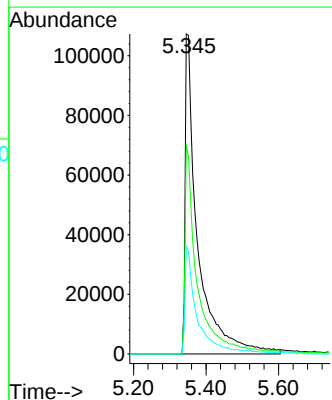
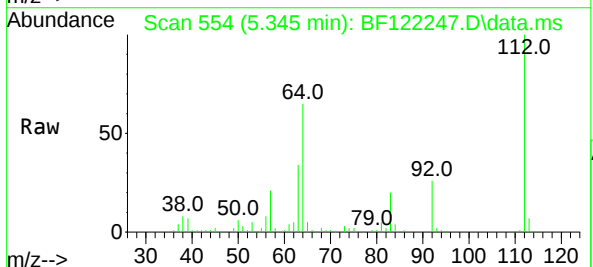
Instrument :
BNA_F
ClientSampleId :
MW-PIER-S

Tgt Ion:152 Resp: 81857
Ion Ratio Lower Upper
152 100
150 154.7 125.3 187.9
115 60.7 51.9 77.9



#5
2-Fluorophenol
Concen: 46.53 ng
RT: 5.345 min Scan# 554
Delta R.T. 0.012 min
Lab File: BF122247.D
Acq: 3 Nov 2020 18:34

Tgt Ion:112 Resp: 258052
Ion Ratio Lower Upper
112 100
64 65.1 50.4 75.6
63 33.5 25.8 38.6

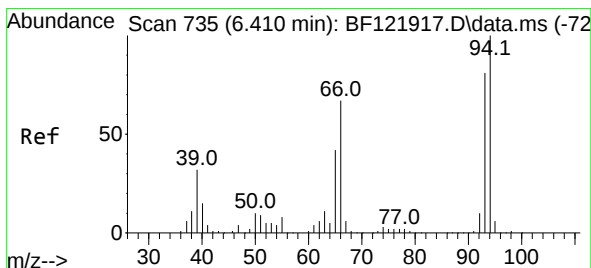
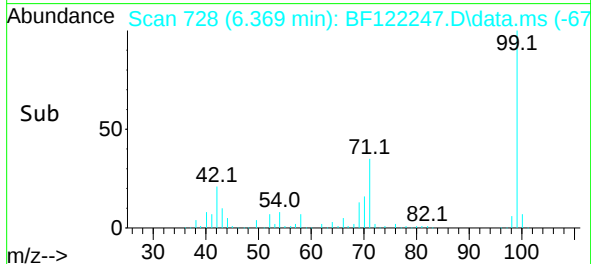
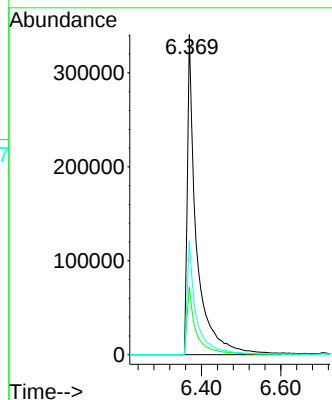
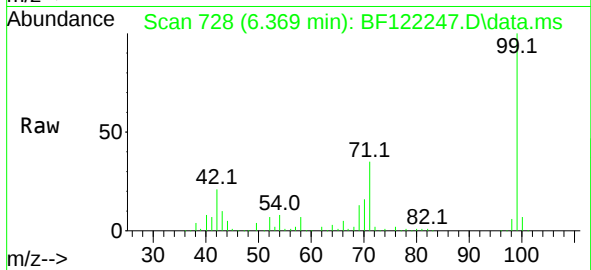




#7
Phenol-d6
Concen: 76.96 ng
RT: 6.369 min Scan# 728
Delta R.T. -0.000 min
Lab File: BF122247.D
Acq: 3 Nov 2020 18:34

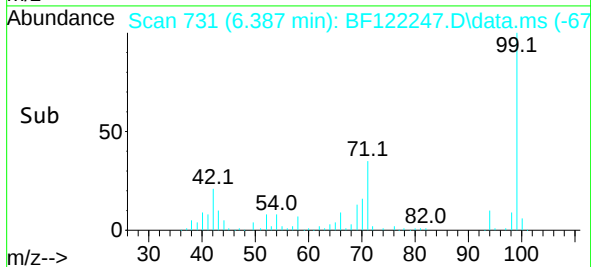
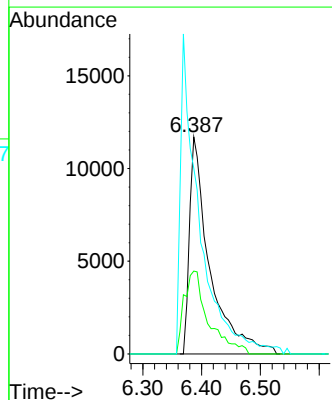
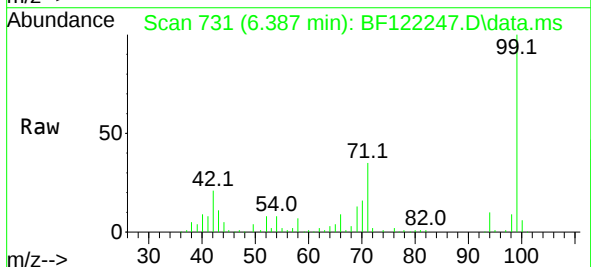
Instrument :
BNA_F
ClientSampleId :
MW-PIER-S

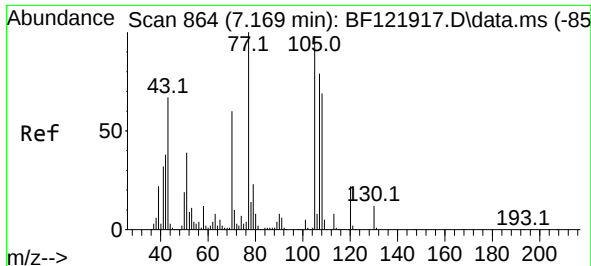
Tgt Ion: 99 Resp: 549474
Ion Ratio Lower Upper
99 100
42 21.2 15.9 23.9
71 35.4 27.1 40.7



#10
Phenol
Concen: 3.81 ng
RT: 6.387 min Scan# 731
Delta R.T. 0.006 min
Lab File: BF122247.D
Acq: 3 Nov 2020 18:34

Tgt Ion: 94 Resp: 28080
Ion Ratio Lower Upper
94 100
65 38.2 17.1 57.1
66 85.5 36.0 76.0#

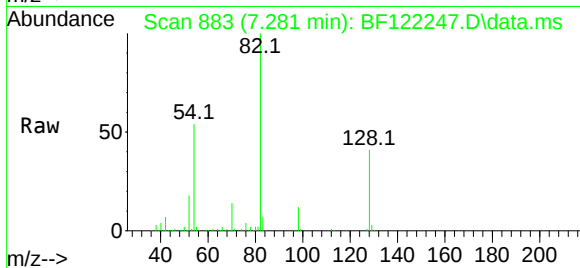




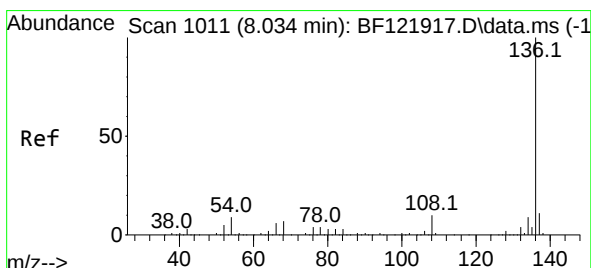
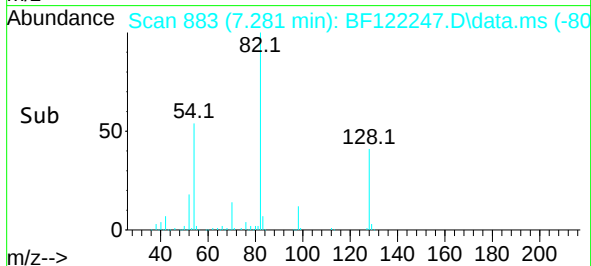
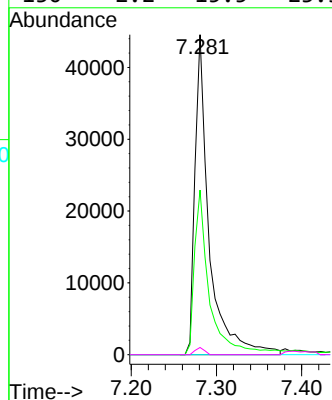
#19

n-Nitroso-di-n-propylamine
Concen: 12.64 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.141 min
Lab File: BF122247.D
Acq: 3 Nov 2020 18:34

Instrument :
BNA_F
ClientSampleId :
MW-PIER-S



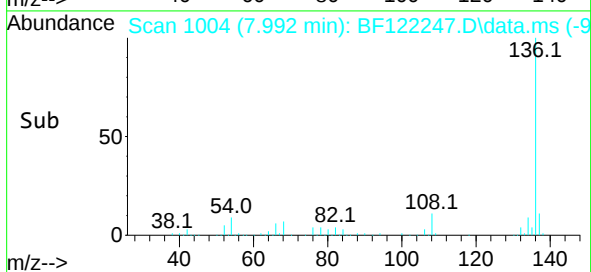
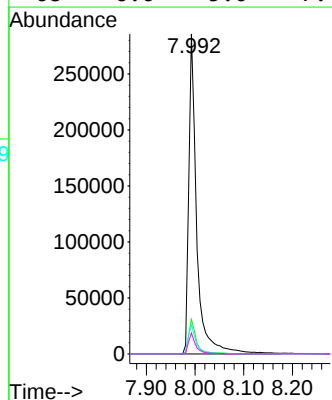
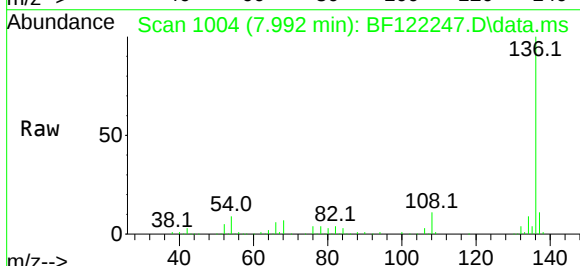
Tgt Ion:	70	Resp:	51390
Ion	Ratio	Lower	Upper
70	100		
42	51.4	50.2	75.4
101	0.0	7.5	11.3#
130	2.2	15.5	23.3#

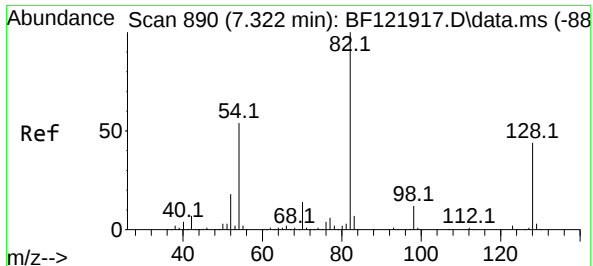


#21

Naphthalene-d8
Concen: 20.00 ng
RT: 7.992 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF122247.D
Acq: 3 Nov 2020 18:34

Tgt Ion:	136	Resp:	323725
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	9.2	7.1	10.7
68	6.6	5.0	7.4





#23

Nitrobenzene-d5

Concen: 62.87 ng

RT: 7.281 min Scan# 883

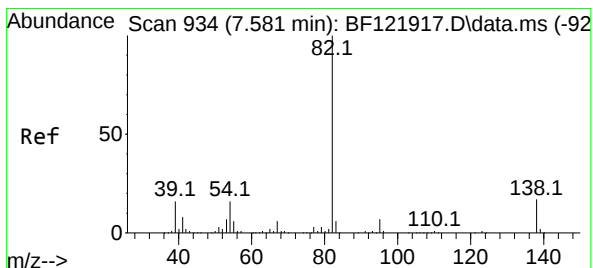
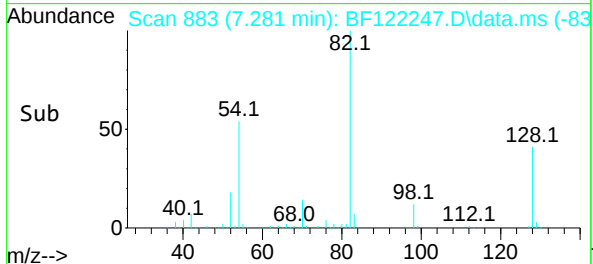
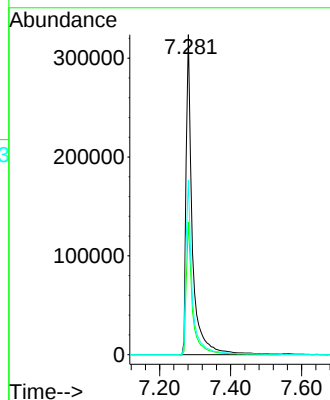
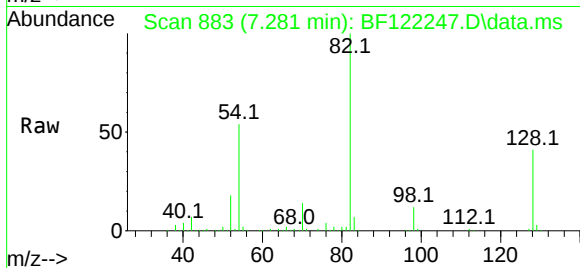
Delta R.T. -0.006 min

Lab File: BF122247.D

Acq: 3 Nov 2020 18:34

Tgt Ion: 82 Resp: 396867

Ion	Ratio	Lower	Upper
82	100		
128	41.4	35.0	52.4
54	54.4	43.9	65.9



#25

Isophorone

Concen: 33.25 ng

RT: 7.281 min Scan# 883

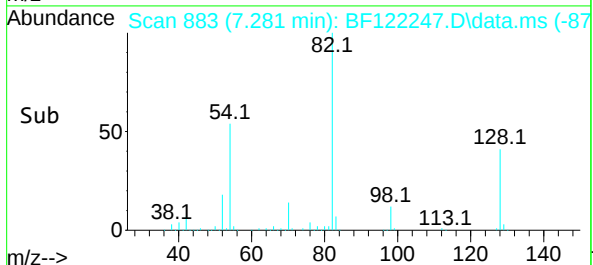
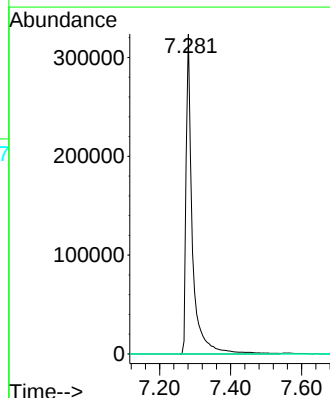
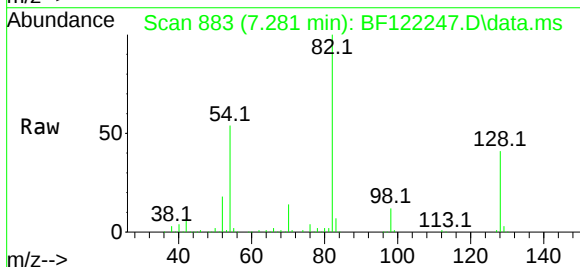
Delta R.T. -0.265 min

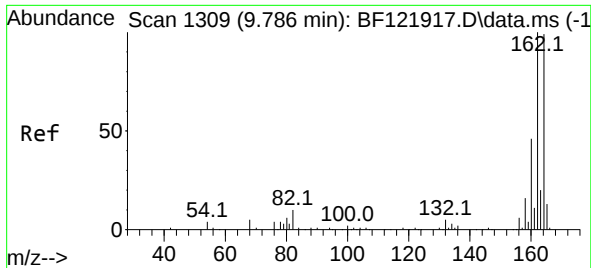
Lab File: BF122247.D

Acq: 3 Nov 2020 18:34

Tgt Ion: 82 Resp: 396867

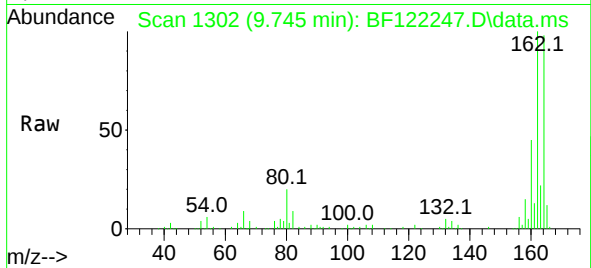
Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.0#
138	0.0	13.4	20.0#



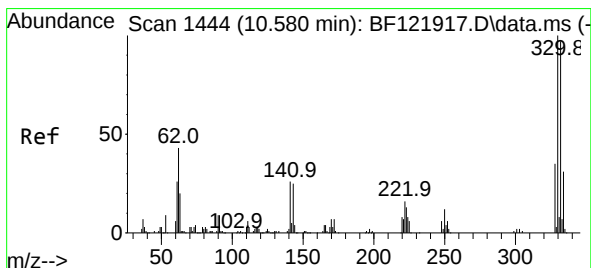
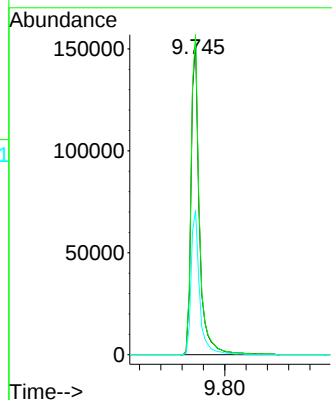
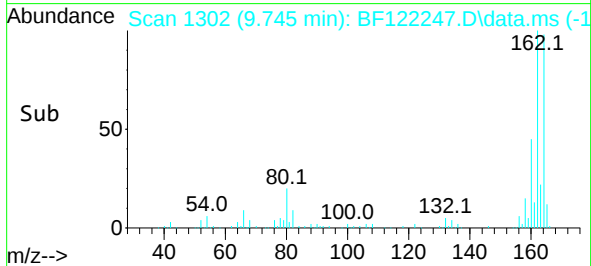


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF122247.D
Acq: 3 Nov 2020 18:34

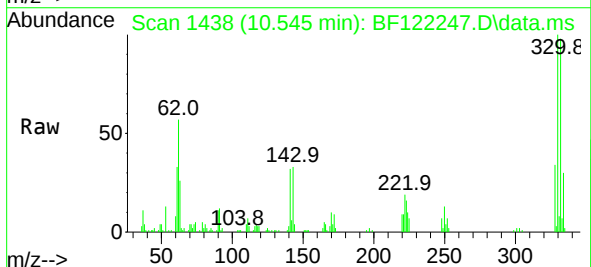
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BNA_F
ClientSampleId :
MW-PIER-S



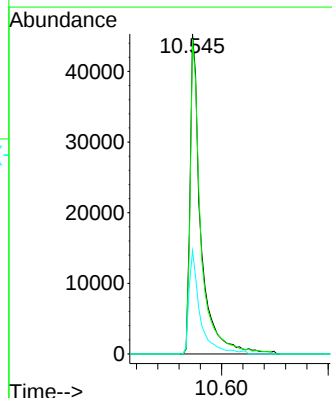
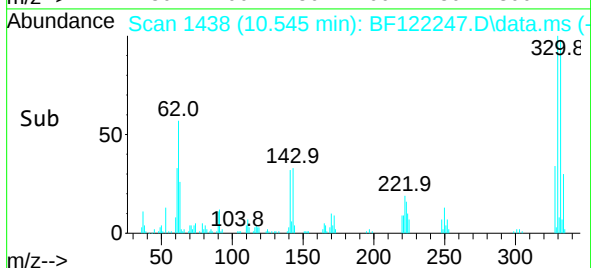
Tgt Ion:164 Resp: 167057
Ion Ratio Lower Upper
164 100
162 102.2 83.2 124.8
160 46.1 37.5 56.3

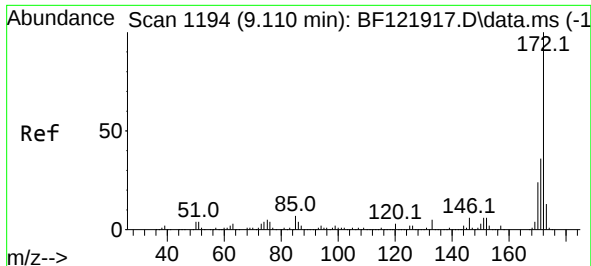


#42
2,4,6-Tribromophenol
Concen: 31.02 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.000 min
Lab File: BF122247.D
Acq: 3 Nov 2020 18:34



Tgt Ion:330 Resp: 64111
Ion Ratio Lower Upper
330 100
332 97.2 77.3 115.9
141 32.9 22.3 33.5

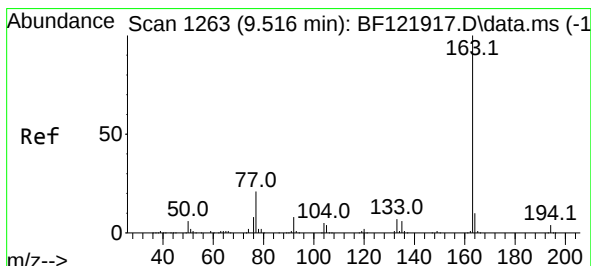
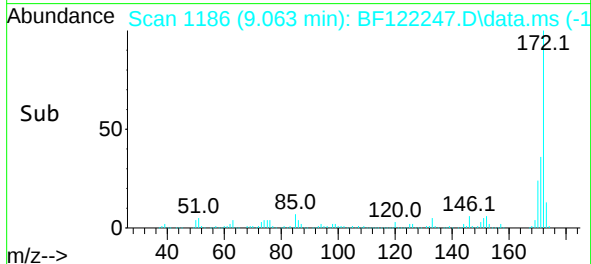
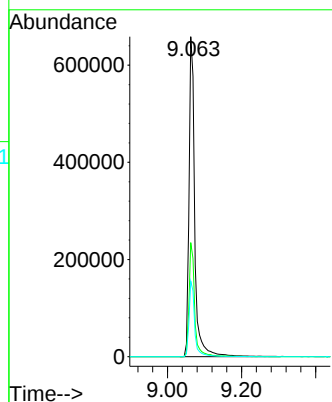
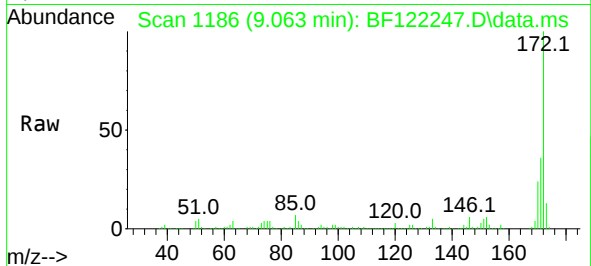




#45
2-Fluorobiphenyl
Concen: 62.20 ng
RT: 9.063 min Scan# 1186
Delta R.T. -0.012 min
Lab File: BF122247.D
Acq: 3 Nov 2020 18:34

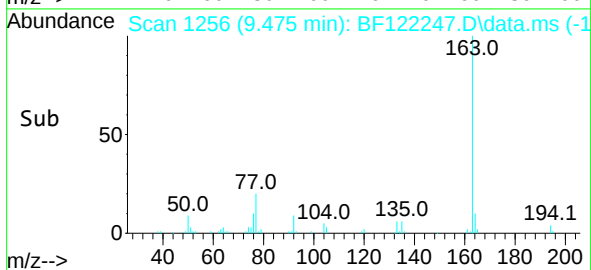
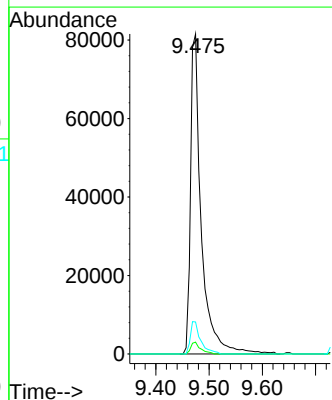
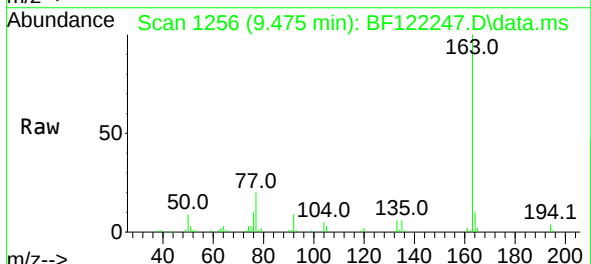
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BNA_F
ClientSampleId :
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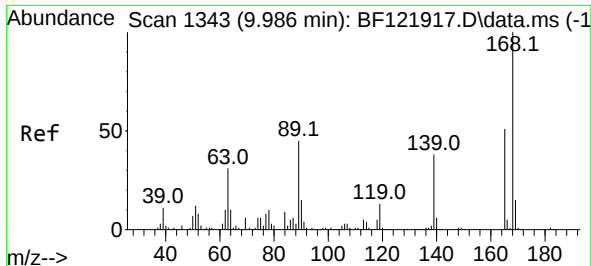
Tgt Ion:172 Resp: 706233
Ion Ratio Lower Upper
172 100
171 35.7 29.1 43.7
170 23.6 19.8 29.6



#50
Dimethylphthalate
Concen: 9.38 ng
RT: 9.475 min Scan# 1256
Delta R.T. -0.006 min
Lab File: BF122247.D
Acq: 3 Nov 2020 18:34

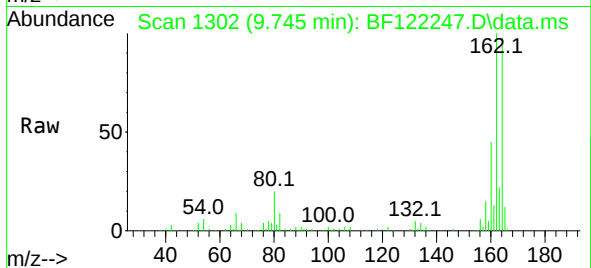
Tgt Ion:163 Resp: 114596
Ion Ratio Lower Upper
163 100
194 3.7 3.3 4.9
164 10.0 8.2 12.4



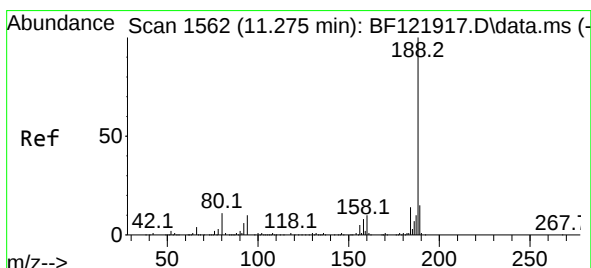
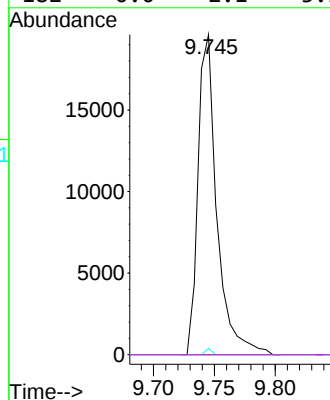
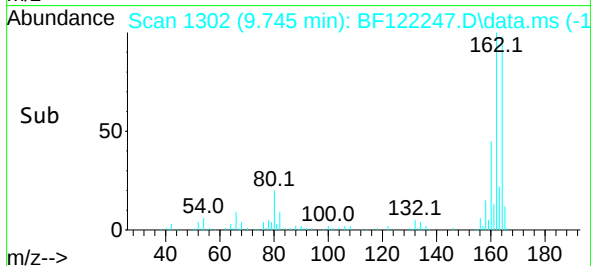


#57
2,4-Dinitrotoluene
Concen: 6.41 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.218 min
Lab File: BF122247.D
Acq: 3 Nov 2020 18:34

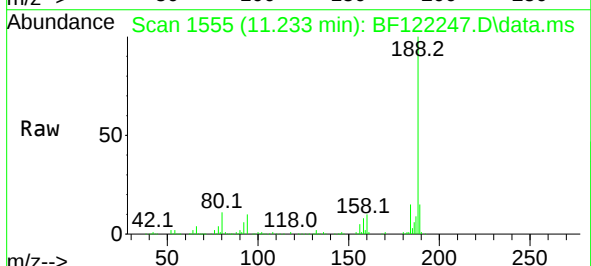
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BNA_F
ClientSampleId :
MW-PIER-S



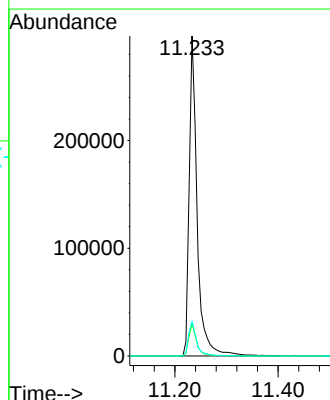
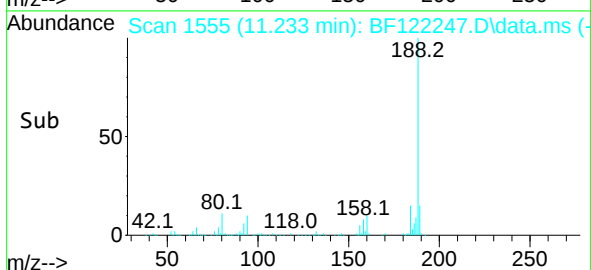
Tgt Ion:165 Resp: 21141
Ion Ratio Lower Upper
165 100
63 0.0 41.3 61.9#
89 2.0 61.8 92.8#
182 0.0 2.1 3.1#

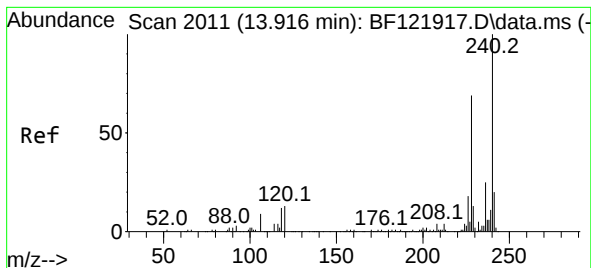


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.233 min Scan# 1555
Delta R.T. -0.000 min
Lab File: BF122247.D
Acq: 3 Nov 2020 18:34



Tgt Ion:188 Resp: 319068
Ion Ratio Lower Upper
188 100
94 10.0 8.3 12.5
80 10.7 9.1 13.7

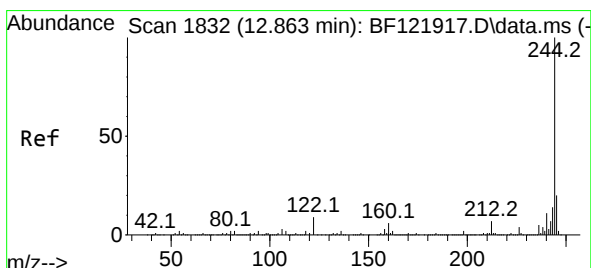
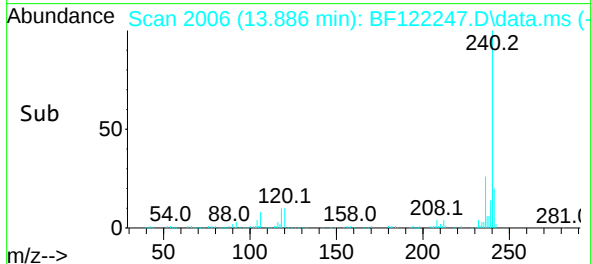
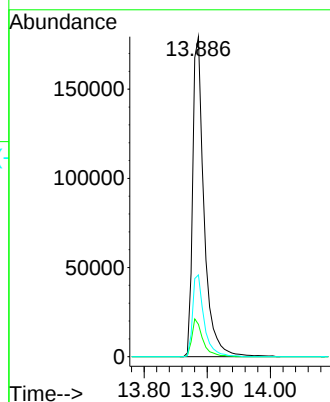
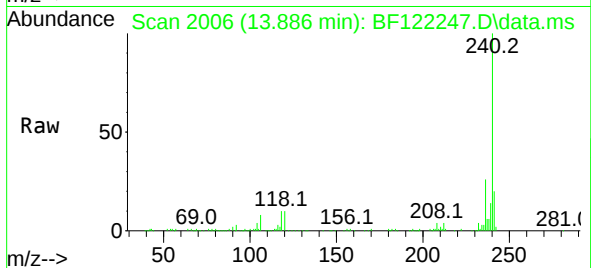




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.886 min Scan# 2006
Delta R.T. 0.006 min
Lab File: BF122247.D
Acq: 3 Nov 2020 18:34

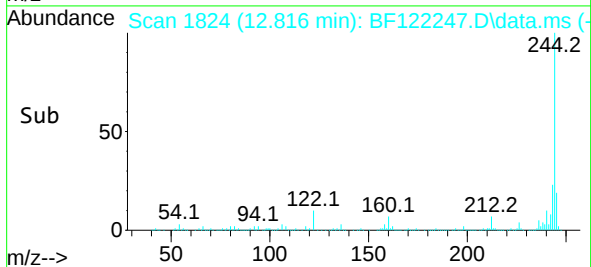
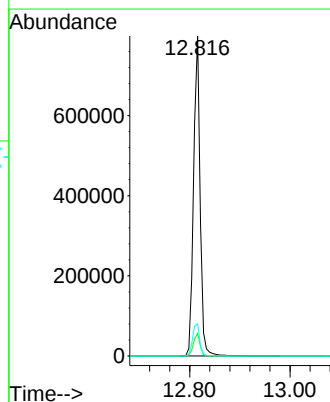
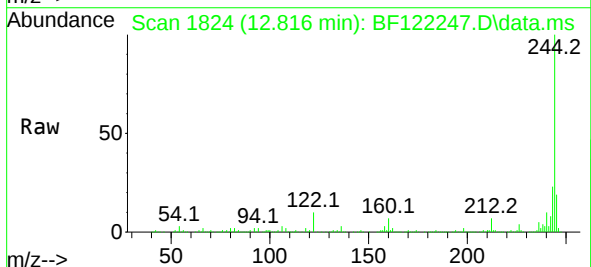
Instrument :
BNA_F
ClientSampleId :
MW-PIER-S

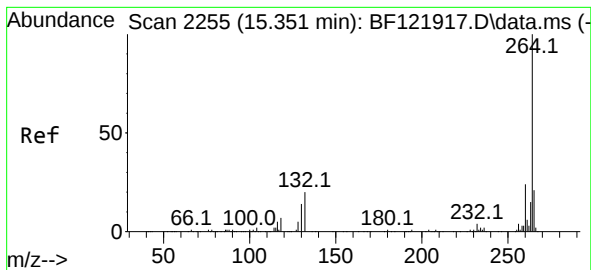
Tgt Ion:240 Resp: 224672
Ion Ratio Lower Upper
240 100
120 10.1 9.2 13.8
236 25.5 20.9 31.3



#79
Terphenyl-d14
Concen: 61.02 ng
RT: 12.816 min Scan# 1824
Delta R.T. -0.000 min
Lab File: BF122247.D
Acq: 3 Nov 2020 18:34

Tgt Ion:244 Resp: 719313
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.2
122 10.1 8.1 12.1





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.327 min Scan# 2251
Delta R.T. 0.023 min
Lab File: BF122247.D
Acq: 3 Nov 2020 18:34

Instrument :
BNA_F
ClientSampleId :
MW-PIER-S

Tgt Ion:264 Resp: 210297

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	21.3	17.3	25.9

