

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102920\
 Data File : BF122161.D
 Acq On : 29 Oct 2020 11:06
 Operator : JU/CG
 Sample : PB132643BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB132643BL

Quant Time: Oct 29 11:28:55 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 26 17:27:32 2020
 Response via : Initial Calibration

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

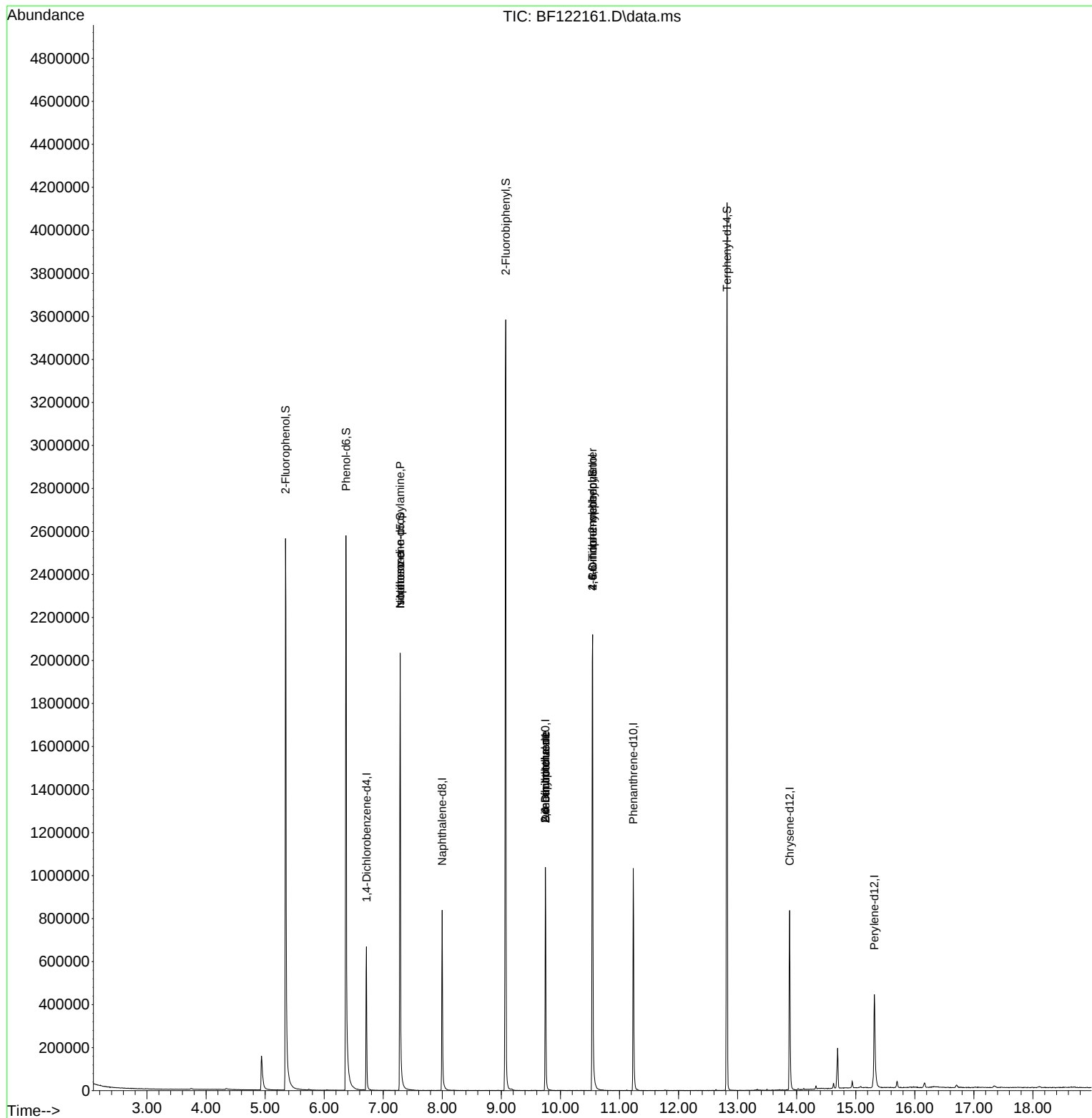
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.716	152	102682	20.00	ng	0.00
21) Naphthalene-d8	7.998	136	410371	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	215528	20.00	ng	0.00
64) Phenanthrene-d10	11.233	188	419274	20.00	ng	0.00
76) Chrysene-d12	13.880	240	320105	20.00	ng	0.00
86) Perylene-d12	15.315	264	257900	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	836357	120.21	ng	0.01
7) Phenol-d6	6.369	99	1059273	118.28	ng	0.00
23) Nitrobenzene-d5	7.287	82	726372	90.78	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	327119	122.70	ng	0.00
45) 2-Fluorobiphenyl	9.075	172	1236276	84.40	ng	0.00
79) Terphenyl-d14	12.821	244	1413216	84.14	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.375	77	1362	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.287	70	99711	19.55	ng	# 78
25) Isophorone	7.287	82	726367	48.01	ng	# 67
50) Dimethylphthalate	9.745	163	38521	2.44	ng	# 1
51) 2,6-Dinitrotoluene	9.745	165	27150	7.85	ng	# 21
57) 2,4-Dinitrotoluene	9.745	165	27150	6.38	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.545	198	578	4.62	ng	# 1
67) 4-Bromophenyl-phenylether	10.545	248	19231	3.97	ng	# 1

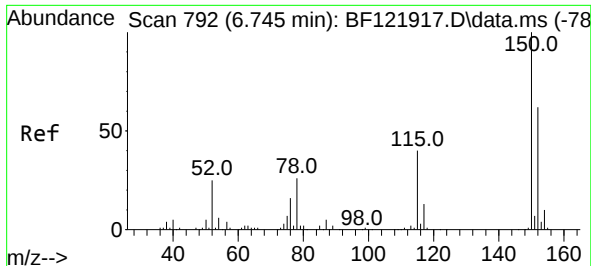
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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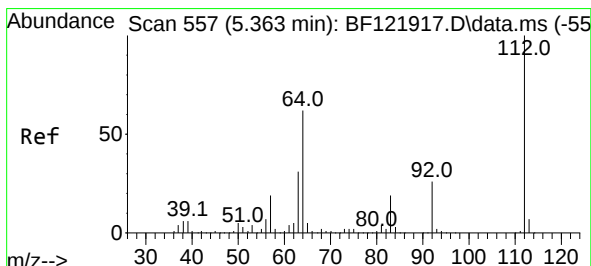
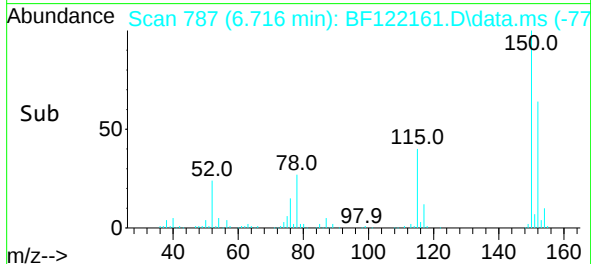
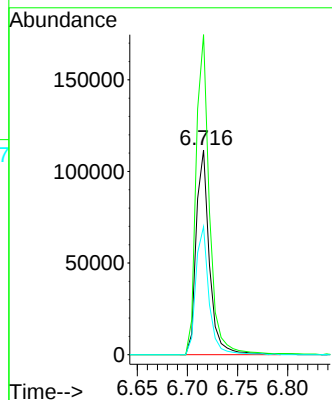
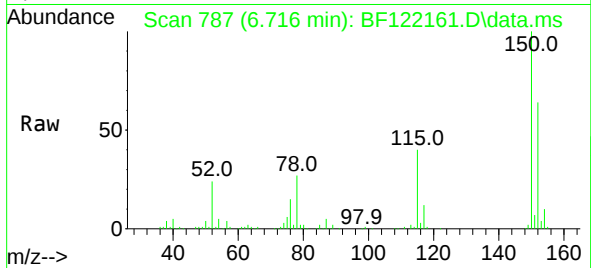




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.716 min Scan# 787
Delta R.T. 0.000 min
Lab File: BF122161.D
Acq: 29 Oct 2020 11:06

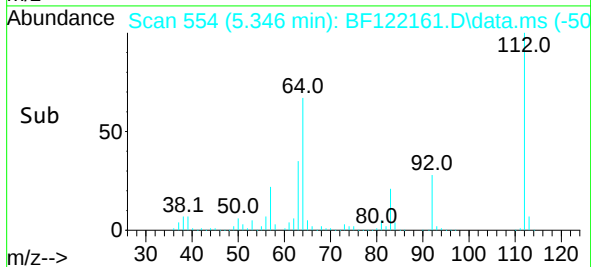
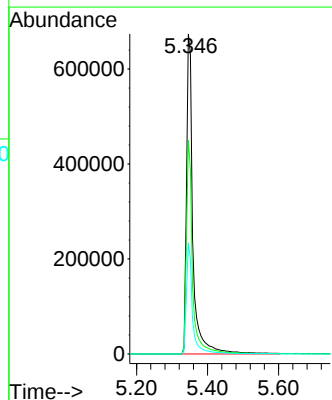
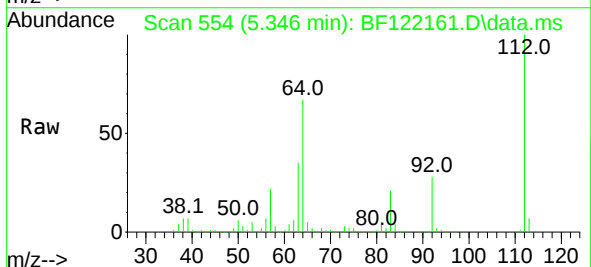
Instrument :
BNA_F
ClientSampleId :
PB132643BL

Tgt Ion:152 Resp: 102682
Ion Ratio Lower Upper
152 100
150 156.4 125.3 187.9
115 62.6 51.9 77.9



#5
2-Fluorophenol
Concen: 120.21 ng
RT: 5.346 min Scan# 554
Delta R.T. 0.012 min
Lab File: BF122161.D
Acq: 29 Oct 2020 11:06

Tgt Ion:112 Resp: 836357
Ion Ratio Lower Upper
112 100
64 66.8 50.4 75.6
63 34.6 25.8 38.6

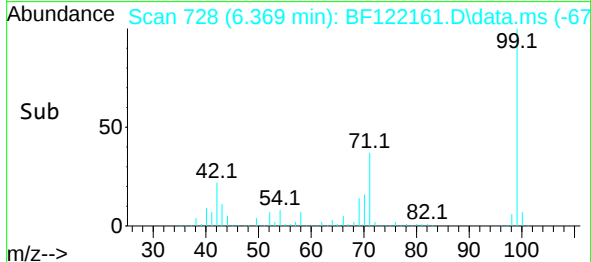
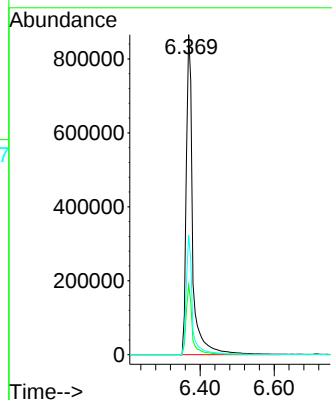
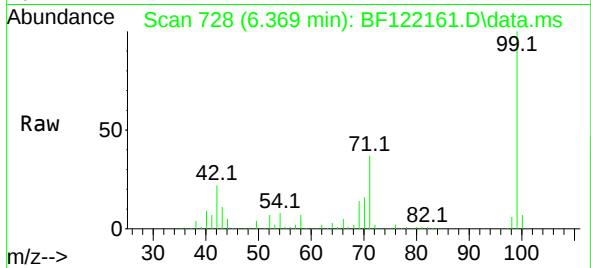




#7
Phenol-d6
Concen: 118.28 ng
RT: 6.369 min Scan# 728
Delta R.T. -0.000 min
Lab File: BF122161.D
Acq: 29 Oct 2020 11:06

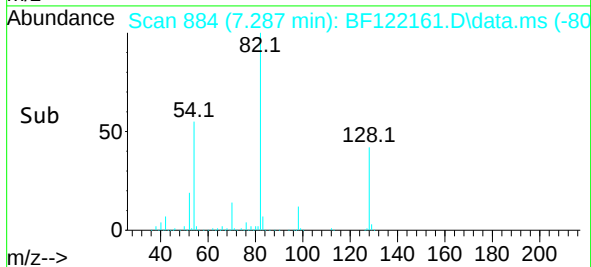
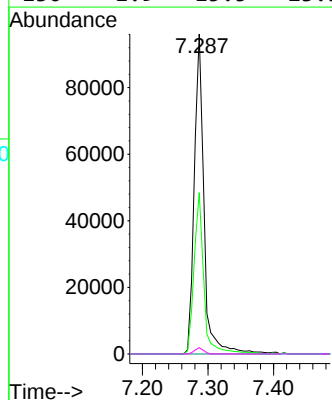
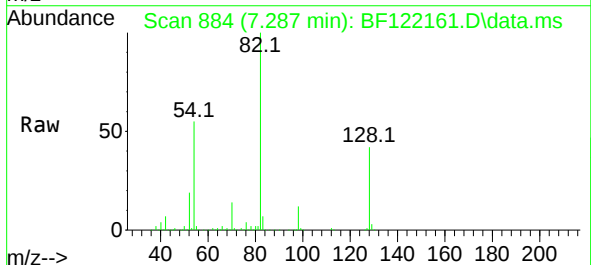
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ClientSampleId :
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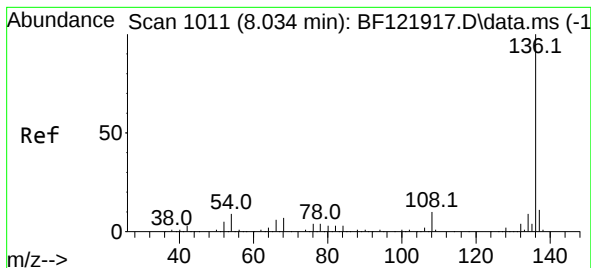
Tgt Ion: 99 Resp: 1059273
Ion Ratio Lower Upper
99 100
42 21.8 15.9 23.9
71 37.2 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 19.55 ng
RT: 7.287 min Scan# 884
Delta R.T. 0.147 min
Lab File: BF122161.D
Acq: 29 Oct 2020 11:06

Tgt Ion: 70 Resp: 99711
Ion Ratio Lower Upper
70 100
42 50.4 50.2 75.4
101 0.0 7.5 11.3#
130 1.9 15.5 23.3#



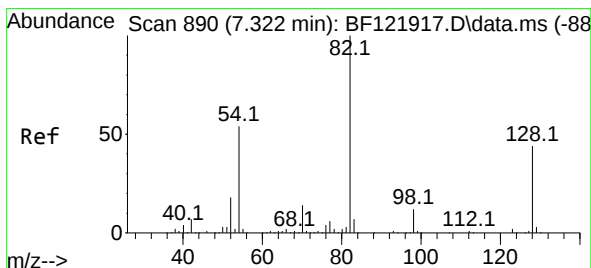
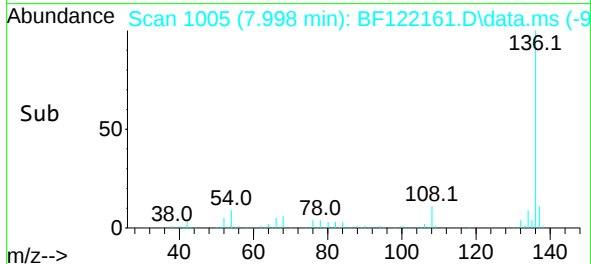
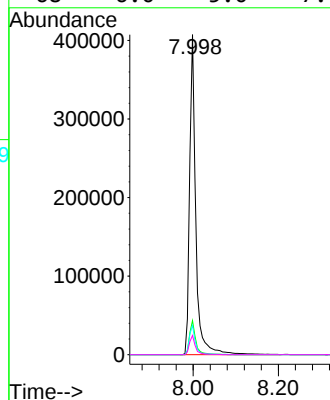
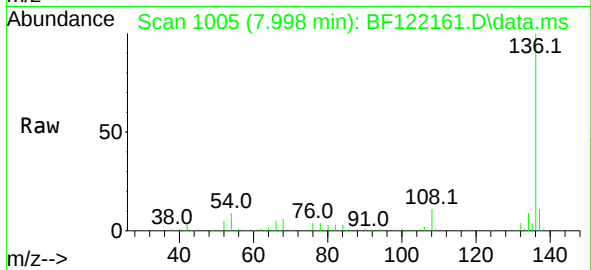


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.998 min Scan# 1005
Delta R.T. -0.000 min
Lab File: BF122161.D
Acq: 29 Oct 2020 11:06

Instrument :
BNA_F
ClientSampleId :
PB132643BL

Tgt Ion:136 Resp: 410371

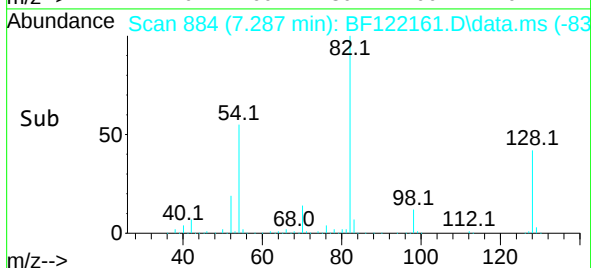
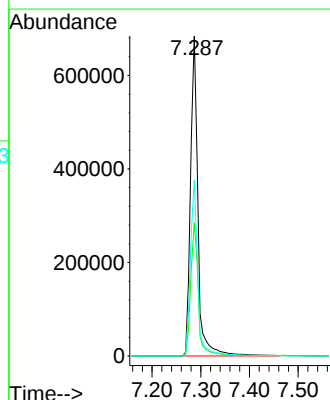
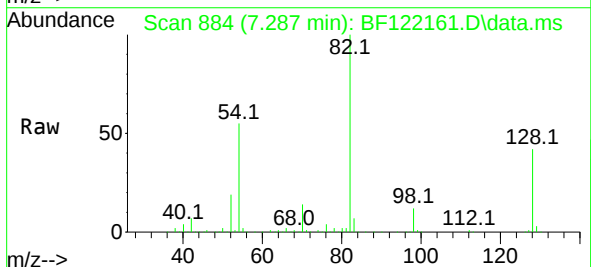
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	9.2	7.1	10.7
68	6.0	5.0	7.4



#23
Nitrobenzene-d5
Concen: 90.78 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.000 min
Lab File: BF122161.D
Acq: 29 Oct 2020 11:06

Tgt Ion: 82 Resp: 726372

Ion	Ratio	Lower	Upper
82	100		
128	41.6	35.0	52.4
54	55.0	43.9	65.9

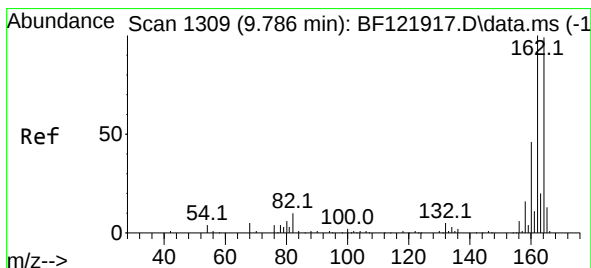
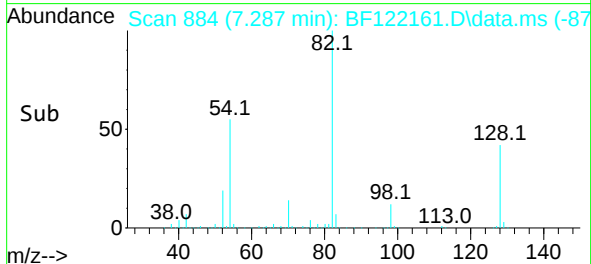
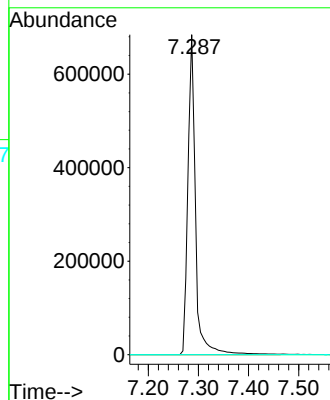
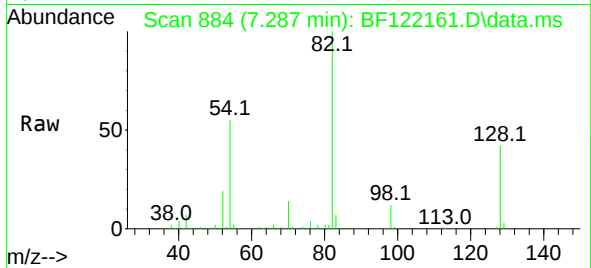




#25
Isophorone
Concen: 48.01 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.259 min
Lab File: BF122161.D
Acq: 29 Oct 2020 11:06

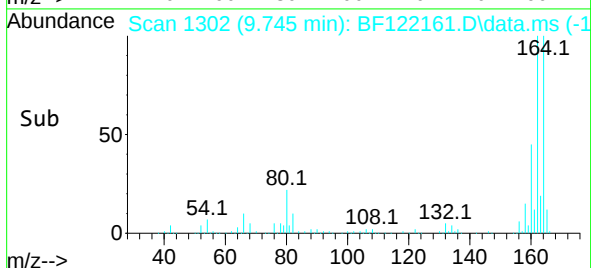
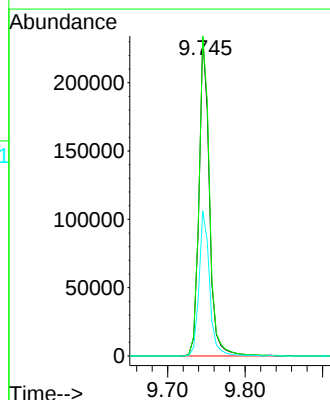
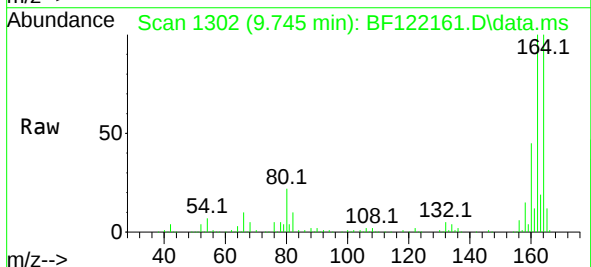
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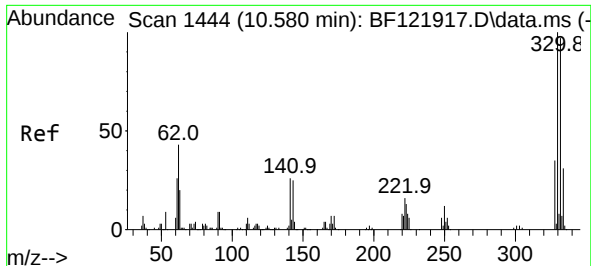
Tgt Ion: 82 Resp: 726367
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF122161.D
Acq: 29 Oct 2020 11:06

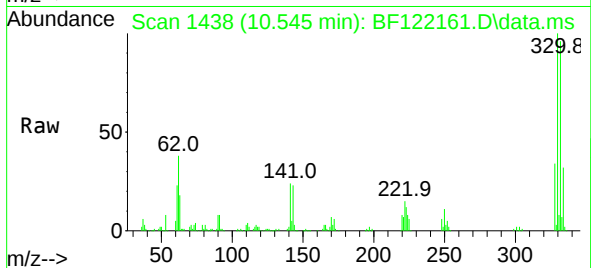
Tgt Ion: 164 Resp: 215528
Ion Ratio Lower Upper
164 100
162 100.4 83.2 124.8
160 45.5 37.5 56.3



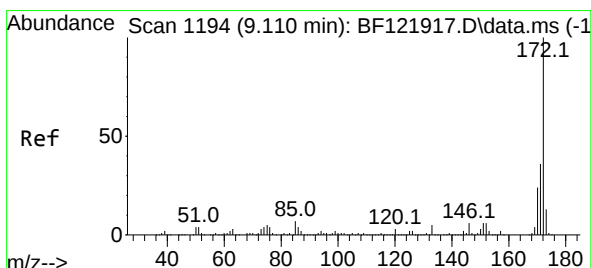
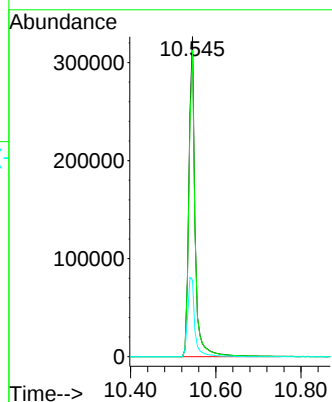
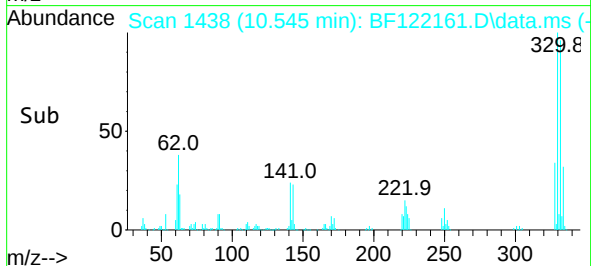


#42
2,4,6-Tribromophenol
Concen: 122.70 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.000 min
Lab File: BF122161.D
Acq: 29 Oct 2020 11:06

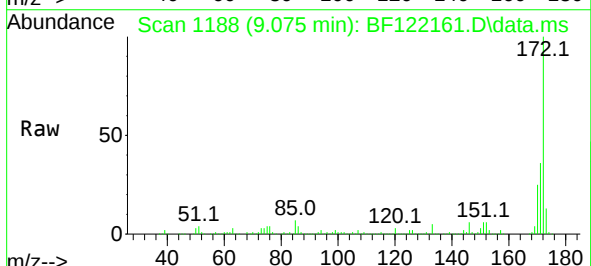
Instrument :
BNA_F
ClientSampleId :
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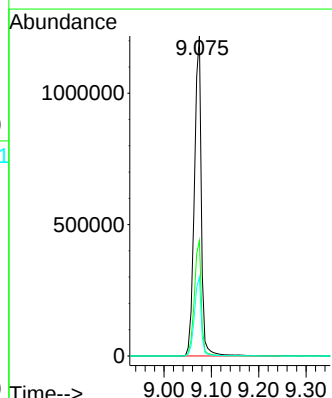
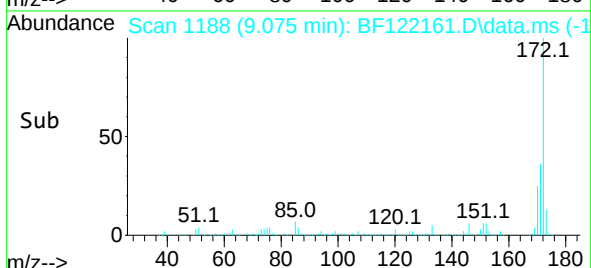
Tgt Ion: 330 Resp: 327119
Ion Ratio Lower Upper
330 100
332 96.7 77.3 115.9
141 28.8 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 84.40 ng
RT: 9.075 min Scan# 1188
Delta R.T. -0.000 min
Lab File: BF122161.D
Acq: 29 Oct 2020 11:06



Tgt Ion: 172 Resp: 1236276
Ion Ratio Lower Upper
172 100
171 36.1 29.1 43.7
170 24.7 19.8 29.6

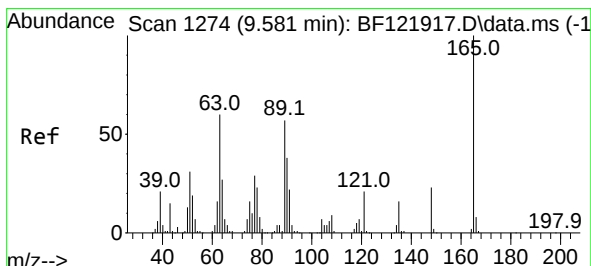
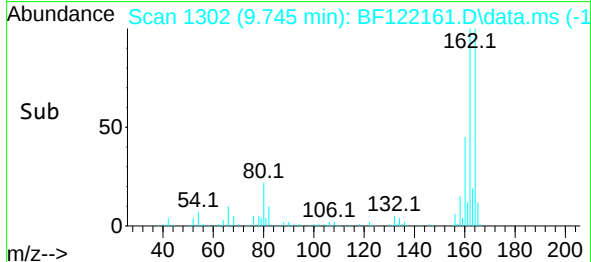
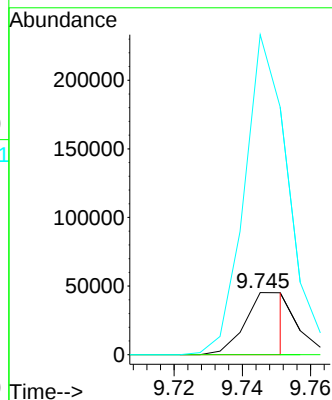
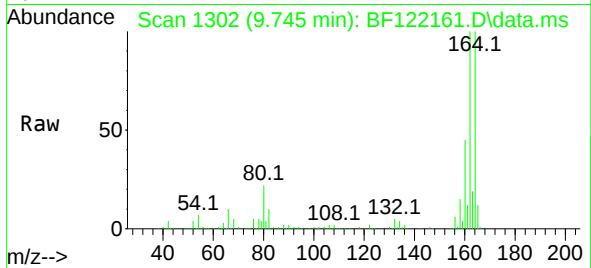




#50
Dimethylphthalate
Concen: 2.44 ng
RT: 9.745 min Scan# 1302
Delta R.T. 0.265 min
Lab File: BF122161.D
Acq: 29 Oct 2020 11:06

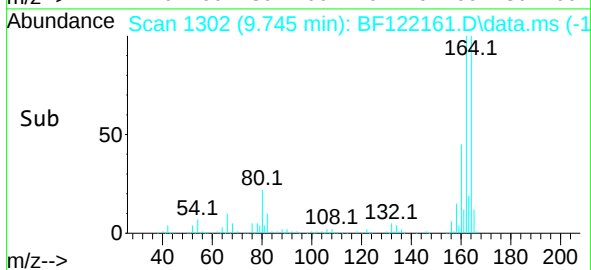
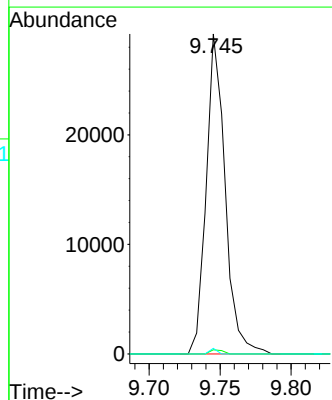
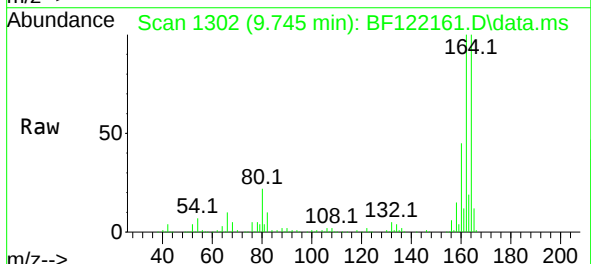
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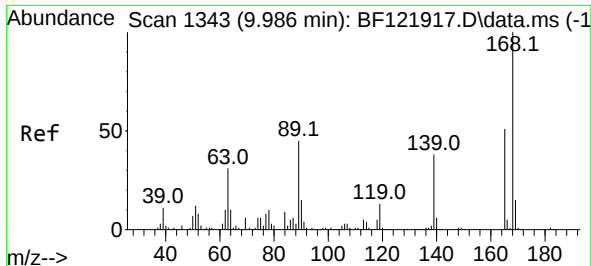
Tgt Ion:163 Resp: 38521
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 515.0 8.2 12.4#



#51
2,6-Dinitrotoluene
Concen: 7.85 ng
RT: 9.745 min Scan# 1302
Delta R.T. 0.194 min
Lab File: BF122161.D
Acq: 29 Oct 2020 11:06

Tgt Ion:165 Resp: 27150
Ion Ratio Lower Upper
165 100
63 1.3 51.8 77.6#
89 1.7 49.0 73.6#

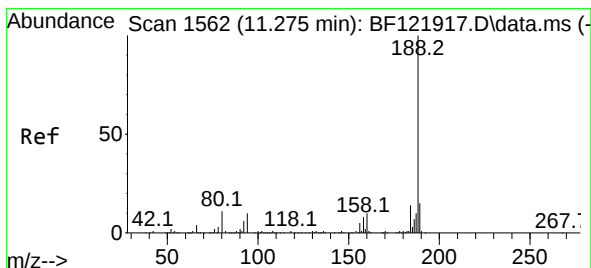
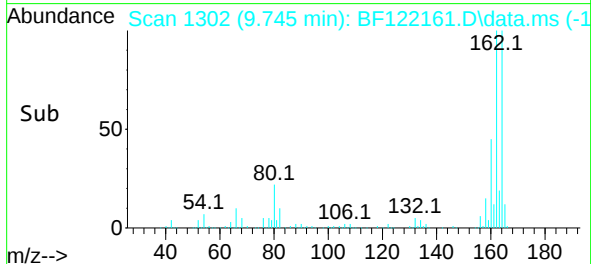
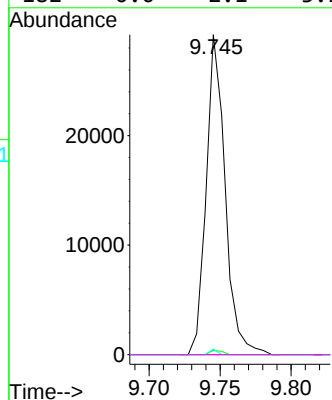
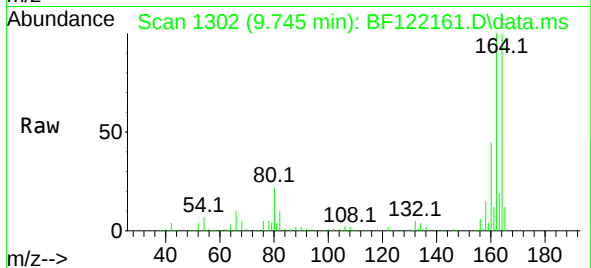




#57
2,4-Dinitrotoluene
Concen: 6.38 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.218 min
Lab File: BF122161.D
Acq: 29 Oct 2020 11:06

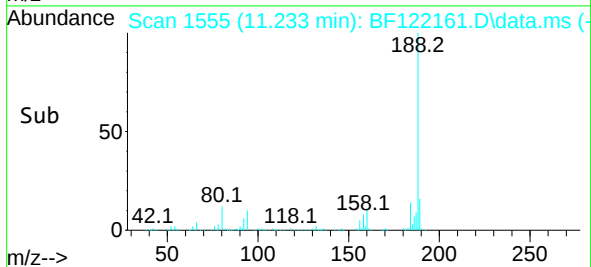
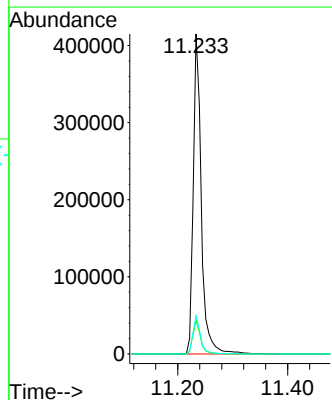
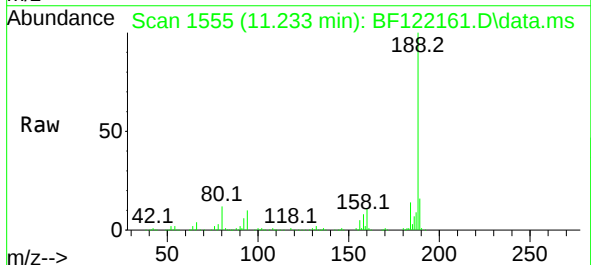
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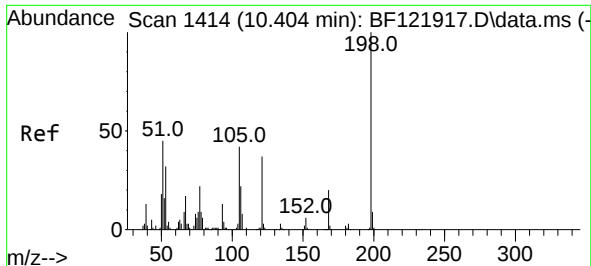
Tgt Ion:165 Resp: 27150
Ion Ratio Lower Upper
165 100
63 1.3 41.3 61.9#
89 1.7 61.8 92.8#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.233 min Scan# 1555
Delta R.T. -0.000 min
Lab File: BF122161.D
Acq: 29 Oct 2020 11:06

Tgt Ion:188 Resp: 419274
Ion Ratio Lower Upper
188 100
94 10.4 8.3 12.5
80 11.9 9.1 13.7

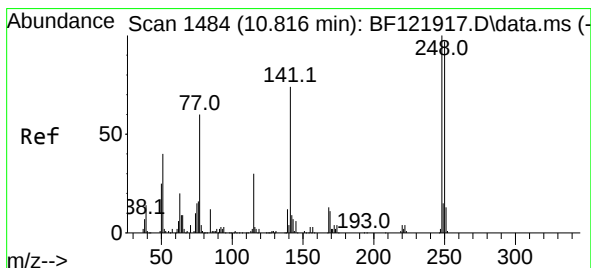
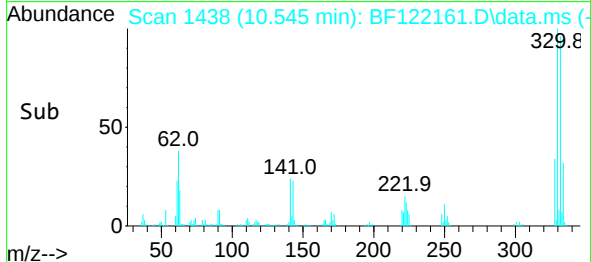
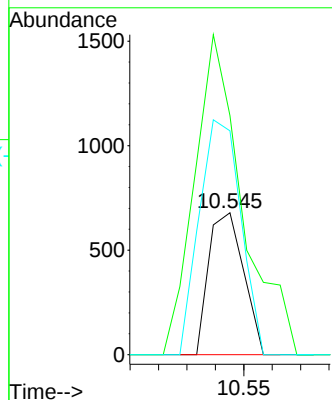
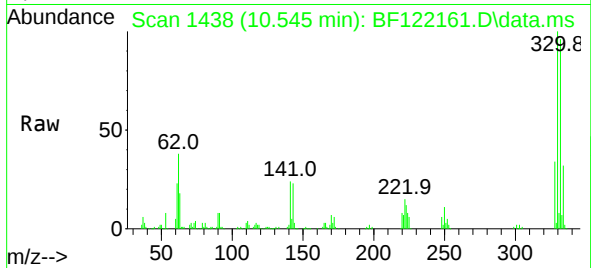




#65
4,6-Dinitro-2-methylphenol
Concen: 4.62 ng
RT: 10.545 min Scan# 1438
Delta R.T. 0.171 min
Lab File: BF122161.D
Acq: 29 Oct 2020 11:06

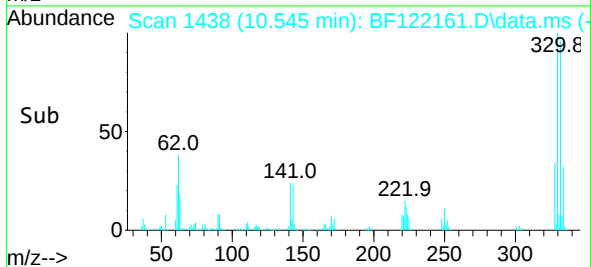
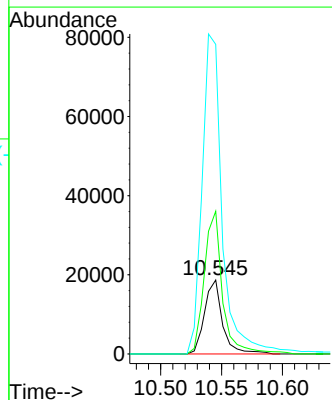
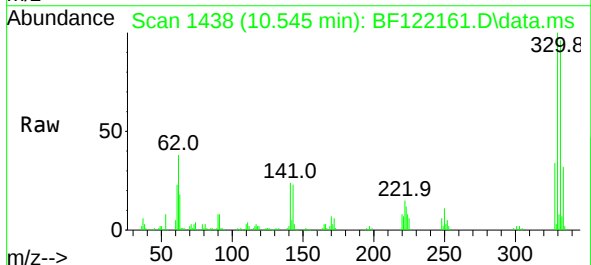
Instrument :
BNA_F
ClientSampleId :
PB132643BL

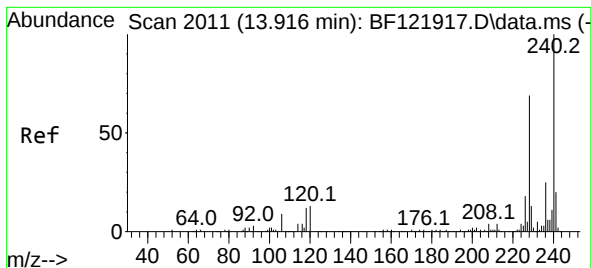
Tgt Ion:198 Resp: 578
Ion Ratio Lower Upper
198 100
51 168.5 29.6 69.6#
105 157.7 24.4 64.4#



#67
4-Bromophenyl-phenylether
Concen: 3.97 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.229 min
Lab File: BF122161.D
Acq: 29 Oct 2020 11:06

Tgt Ion:248 Resp: 19231
Ion Ratio Lower Upper
248 100
250 193.0 77.0 115.6#
141 418.5 53.7 80.5#

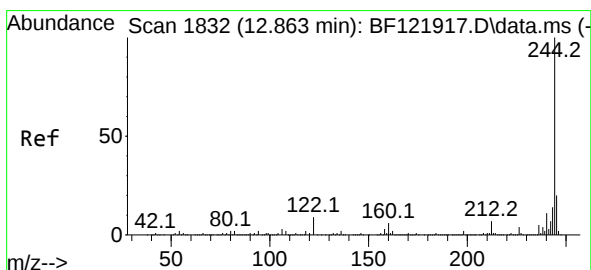
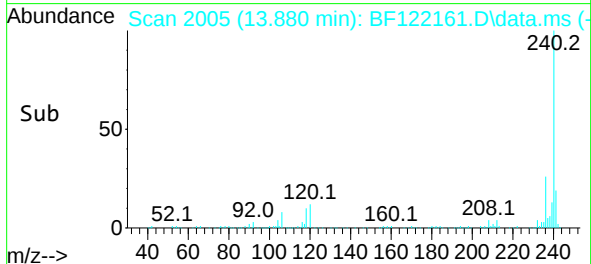
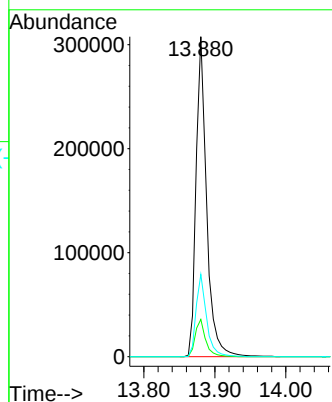
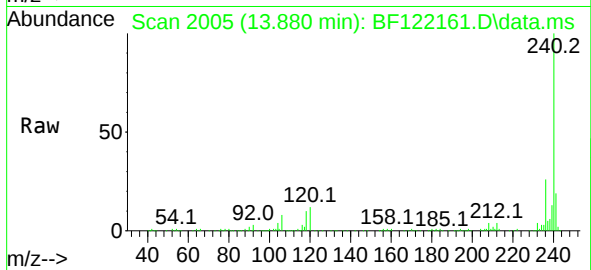




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BF122161.D
Acq: 29 Oct 2020 11:06

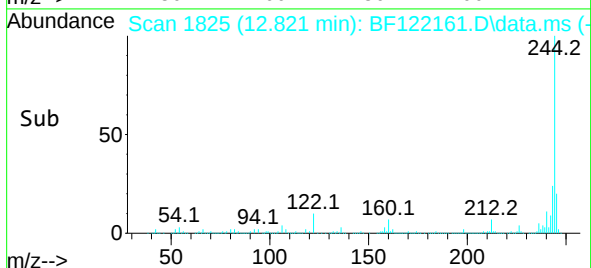
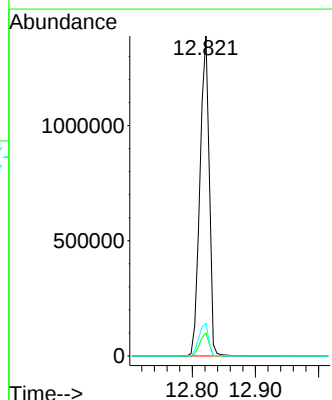
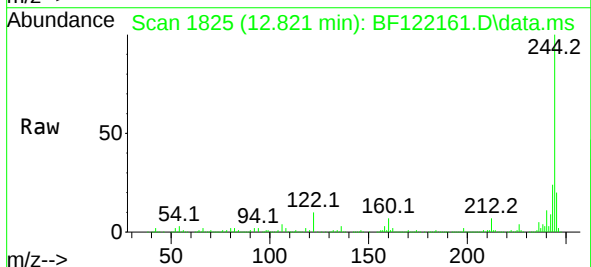
Instrument :
BNA_F
ClientSampleId :
PB132643BL

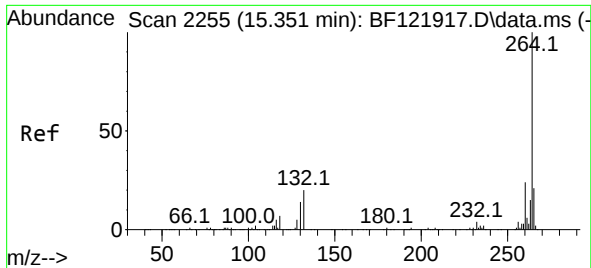
Tgt Ion:240 Resp: 320105
Ion Ratio Lower Upper
240 100
120 11.7 9.2 13.8
236 25.7 20.9 31.3



#79
Terphenyl-d14
Concen: 84.14 ng
RT: 12.821 min Scan# 1825
Delta R.T. 0.006 min
Lab File: BF122161.D
Acq: 29 Oct 2020 11:06

Tgt Ion:244 Resp: 1413216
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.2
122 10.2 8.1 12.1





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.315 min Scan# 2249
 Delta R.T. 0.012 min
 Lab File: BF122161.D
 Acq: 29 Oct 2020 11:06

Instrument :
 BNA_F
 ClientSampleId :
 PB132643BL

Tgt Ion:264 Resp: 257900
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.7 28.1
 265 21.5 17.3 25.9

