

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103020\
 Data File : BF122179.D
 Acq On : 30 Oct 2020 14:01
 Operator : JU/CG
 Sample : PB132732BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB132732BL

Quant Time: Oct 30 15:10:36 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)

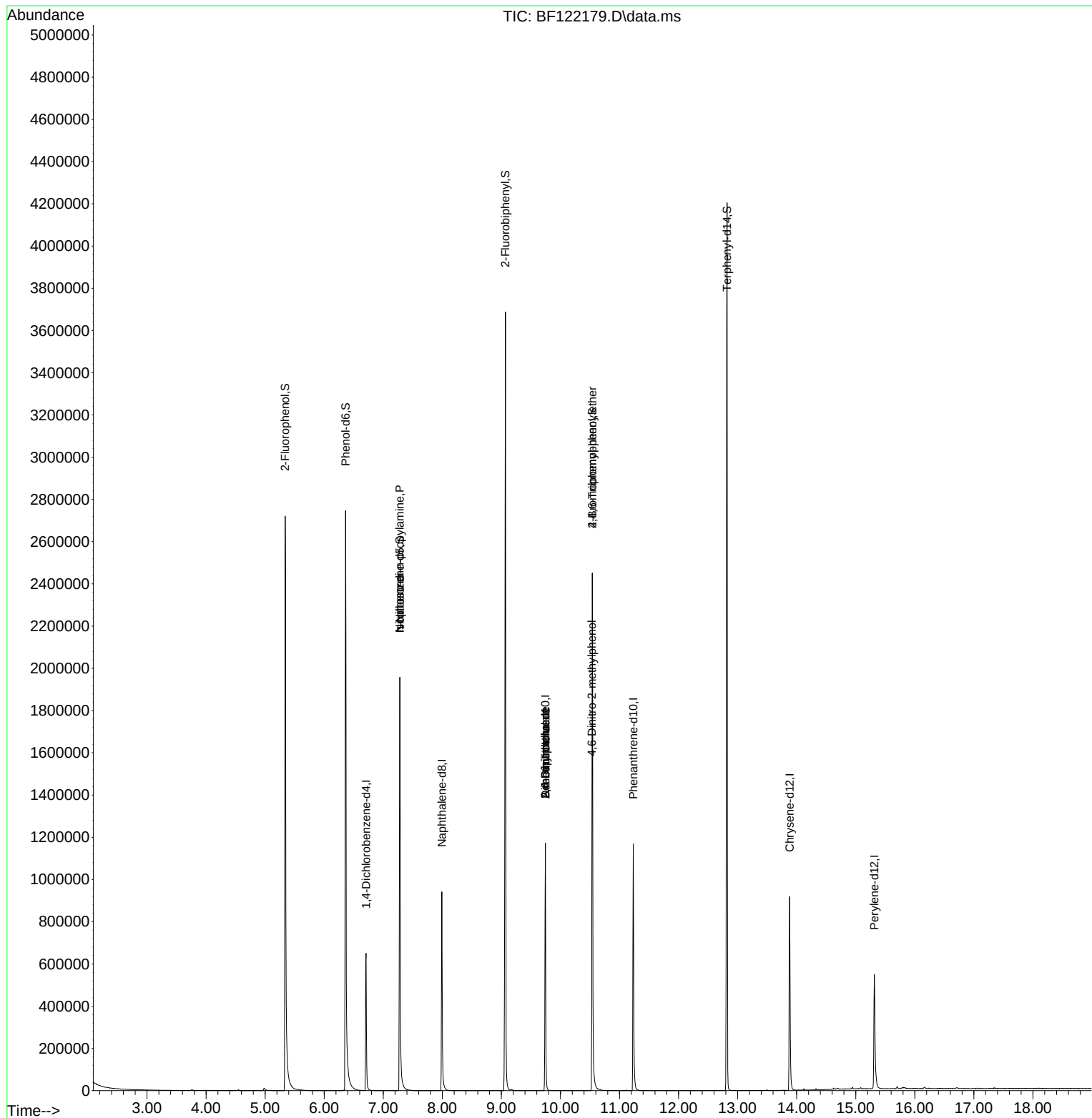
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.710	152	112717	20.00	ng	0.00
21) Naphthalene-d8	7.992	136	462298	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	242226	20.00	ng	0.00
64) Phenanthrene-d10	11.233	188	478415	20.00	ng	0.00
76) Chrysene-d12	13.880	240	367409	20.00	ng	0.00
86) Perylene-d12	15.315	264	301877	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	888759	116.37	ng	0.00
7) Phenol-d6	6.363	99	1128994	114.84	ng	0.00
23) Nitrobenzene-d5	7.281	82	735985	81.65	ng	0.00
42) 2,4,6-Tribromophenol	10.539	330	344630	115.02	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	1247597	75.78	ng	0.00
79) Terphenyl-d14	12.821	244	1405641	72.91	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.363	77	1562	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.281	70	98417	17.58	ng	# 79
25) Isophorone	7.281	82	736240	43.19	ng	# 67
50) Dimethylphthalate	9.745	163	48796	2.75	ng	# 1
51) 2,6-Dinitrotoluene	9.745	165	31261	8.05	ng	# 20
57) 2,4-Dinitrotoluene	9.745	165	31261	6.54	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.533	198	618	4.61	ng	# 1
67) 4-Bromophenyl-phenylether	10.539	248	20229	3.66	ng	# 1

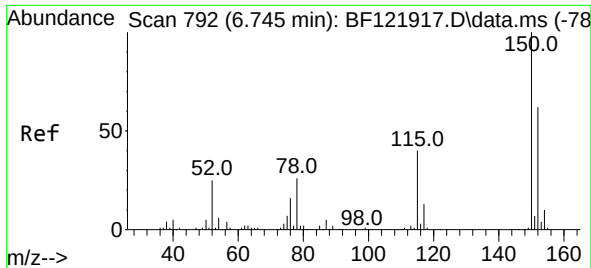
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103020\
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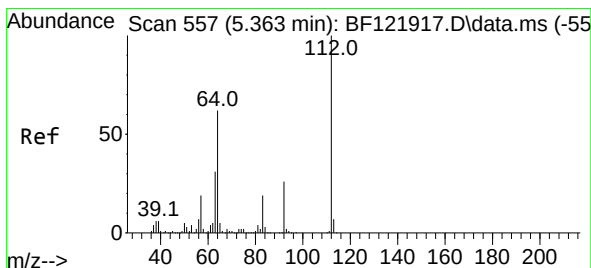
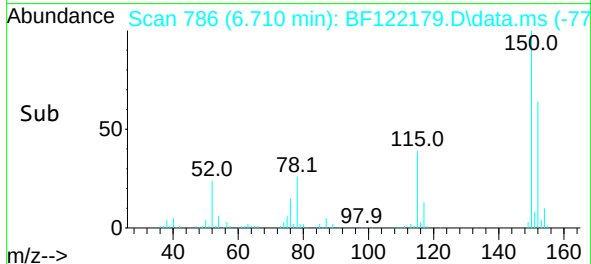
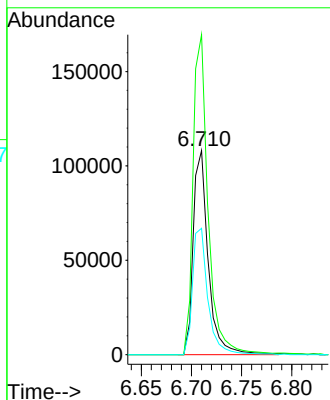
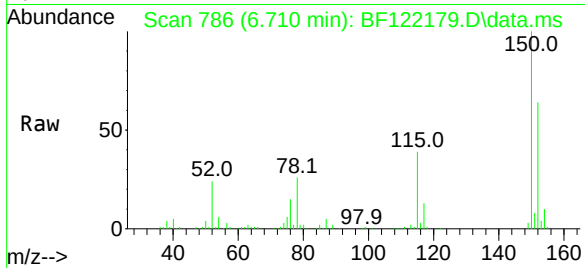




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.710 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF122179.D
Acq: 30 Oct 2020 14:01

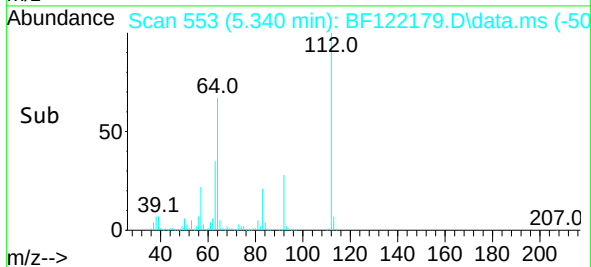
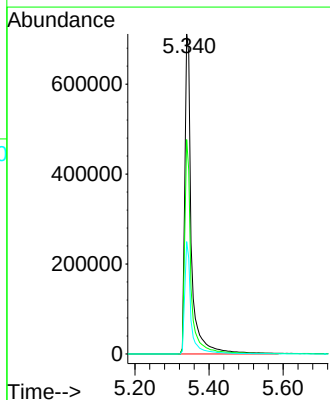
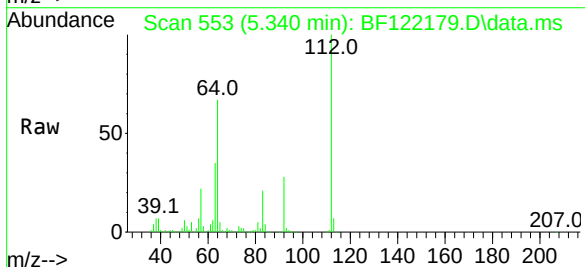
Instrument :
BNA_F
ClientSampleId :
PB132732BL

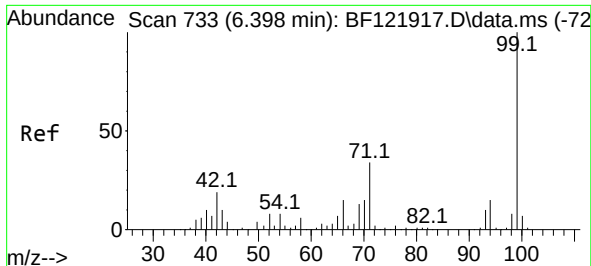
Tgt Ion:152 Resp: 112717
Ion Ratio Lower Upper
152 100
150 156.8 125.3 187.9
115 61.9 51.9 77.9



#5
2-Fluorophenol
Concen: 116.37 ng
RT: 5.340 min Scan# 553
Delta R.T. 0.006 min
Lab File: BF122179.D
Acq: 30 Oct 2020 14:01

Tgt Ion:112 Resp: 888759
Ion Ratio Lower Upper
112 100
64 67.0 50.4 75.6
63 35.1 25.8 38.6

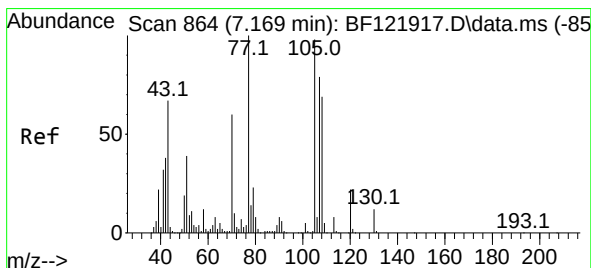
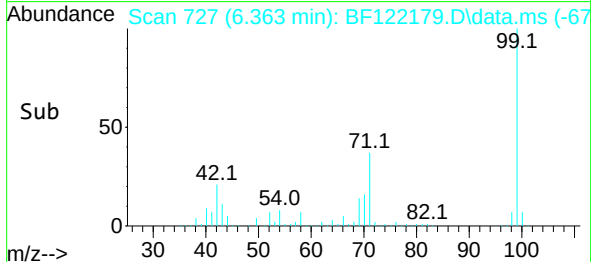
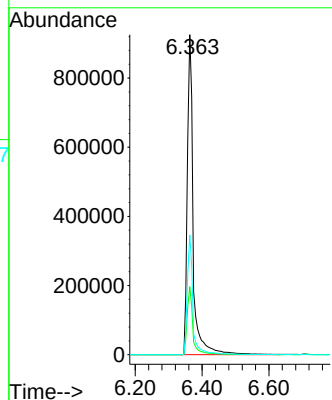
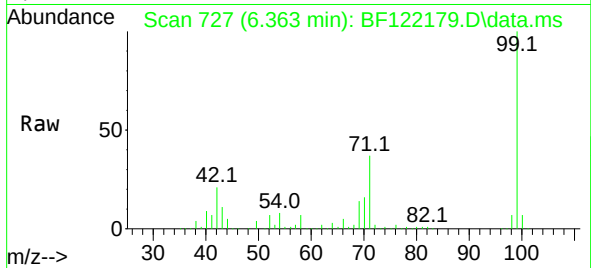




#7
Phenol-d6
Concen: 114.84 ng
RT: 6.363 min Scan# 727
Delta R.T. -0.006 min
Lab File: BF122179.D
Acq: 30 Oct 2020 14:01

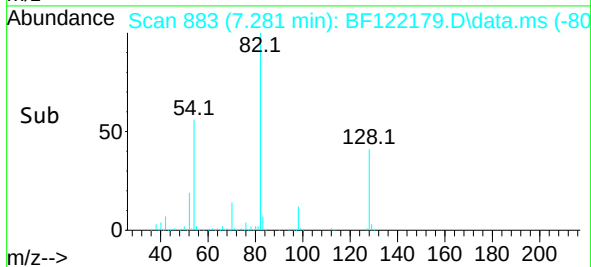
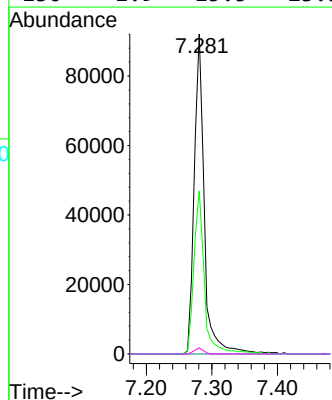
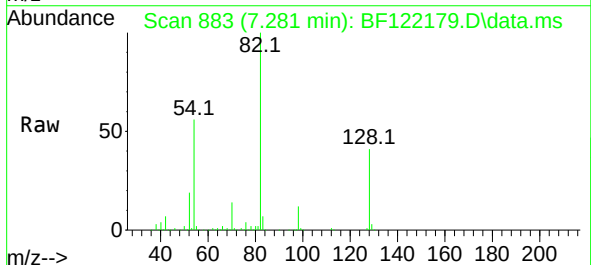
Instrument :
BNA_F
ClientSampleId :
PB132732BL

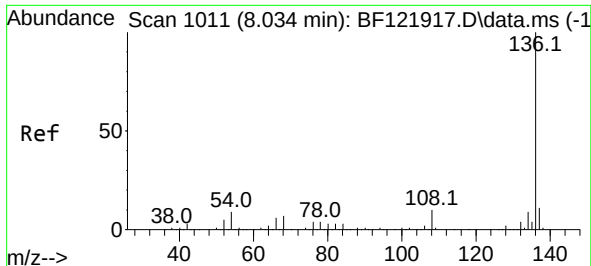
Tgt Ion: 99 Resp: 1128994
Ion Ratio Lower Upper
99 100
42 21.3 15.9 23.9
71 37.4 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 17.58 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.141 min
Lab File: BF122179.D
Acq: 30 Oct 2020 14:01

Tgt Ion: 70 Resp: 98417
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#

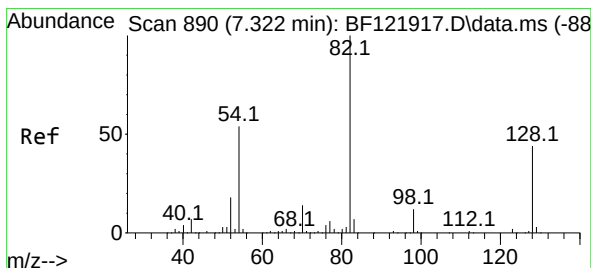
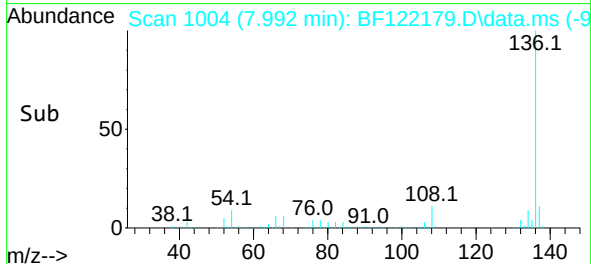
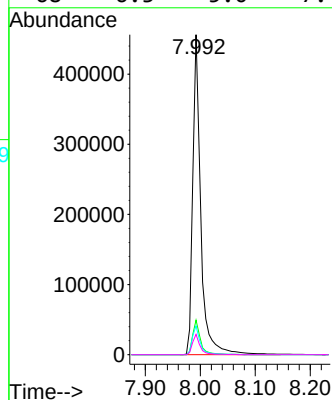
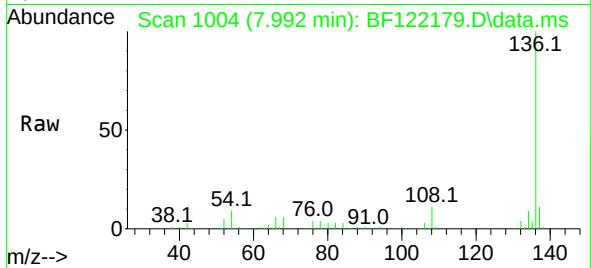




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.992 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF122179.D
Acq: 30 Oct 2020 14:01

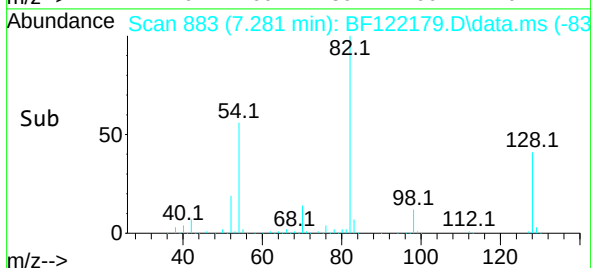
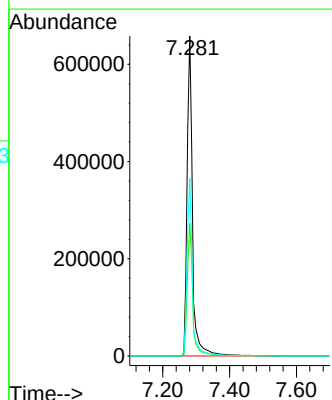
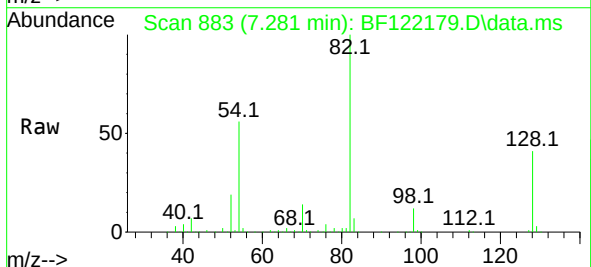
Instrument :
BNA_F
ClientSampleId :
PB132732BL

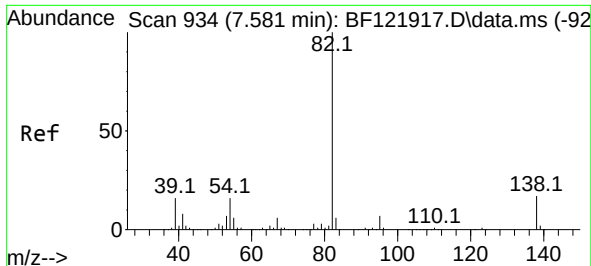
Tgt Ion:136 Resp: 462298
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 9.0 7.1 10.7
68 6.3 5.0 7.4



#23
Nitrobenzene-d5
Concen: 81.65 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF122179.D
Acq: 30 Oct 2020 14:01

Tgt Ion: 82 Resp: 735985
Ion Ratio Lower Upper
82 100
128 41.4 35.0 52.4
54 55.5 43.9 65.9

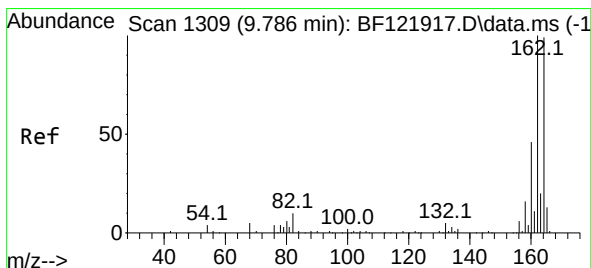
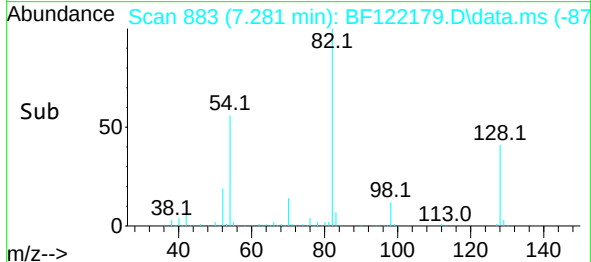
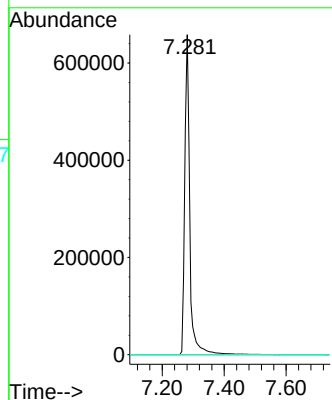
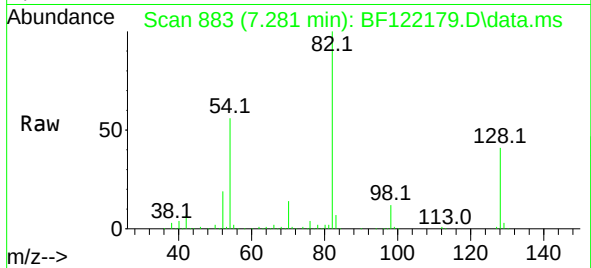




#25
Isophorone
Concen: 43.19 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.265 min
Lab File: BF122179.D
Acq: 30 Oct 2020 14:01

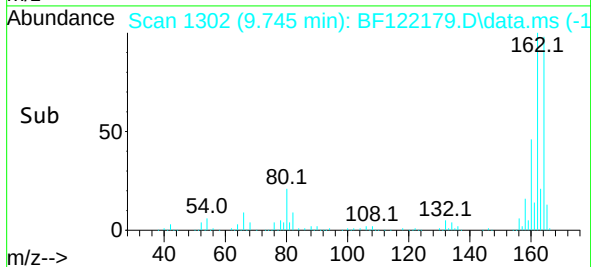
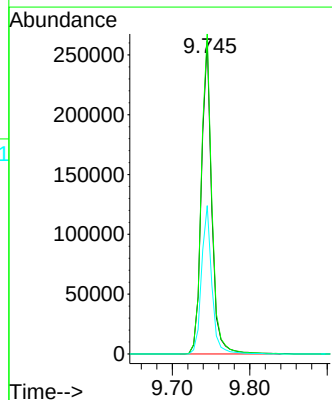
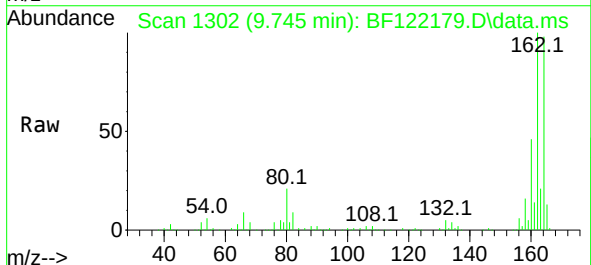
Instrument :
BNA_F
ClientSampleId :
PB132732BL

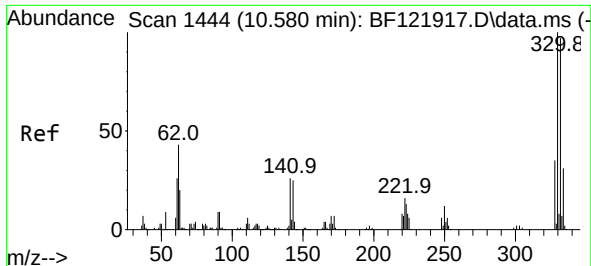
Tgt Ion: 82 Resp: 736240
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF122179.D
Acq: 30 Oct 2020 14:01

Tgt Ion:164 Resp: 242226
Ion Ratio Lower Upper
164 100
162 102.2 83.2 124.8
160 47.4 37.5 56.3

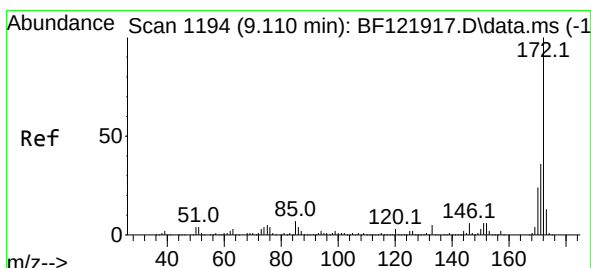
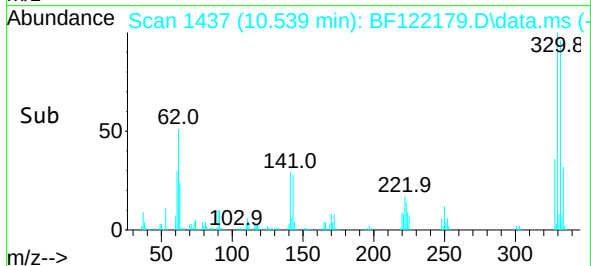
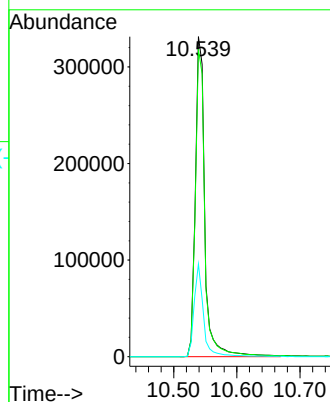
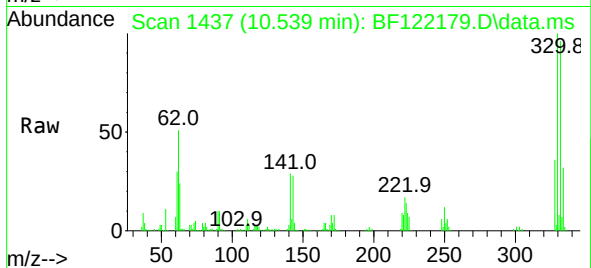




#42
2,4,6-Tribromophenol
Concen: 115.02 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.006 min
Lab File: BF122179.D
Acq: 30 Oct 2020 14:01

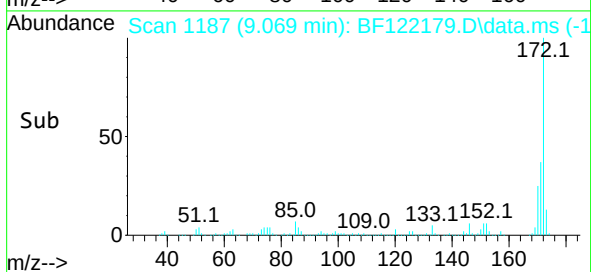
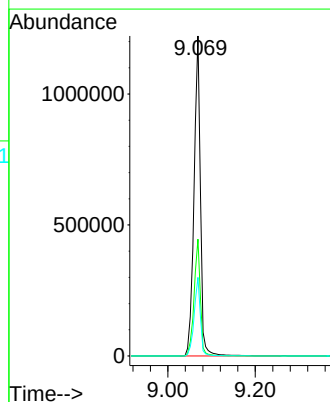
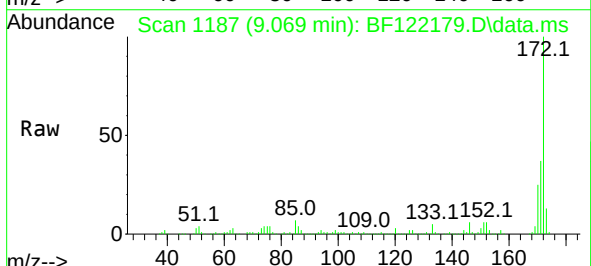
Instrument :
BNA_F
ClientSampleId :
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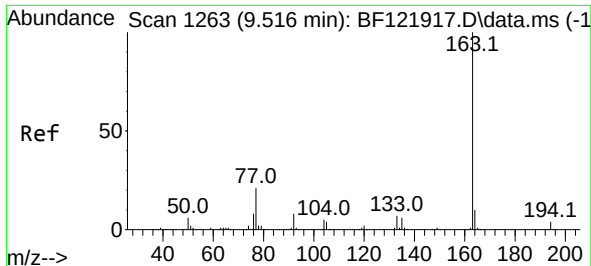
Tgt Ion:330 Resp: 344630
Ion Ratio Lower Upper
330 100
332 96.3 77.3 115.9
141 29.0 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 75.78 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF122179.D
Acq: 30 Oct 2020 14:01

Tgt Ion:172 Resp: 1247597
Ion Ratio Lower Upper
172 100
171 36.5 29.1 43.7
170 24.5 19.8 29.6

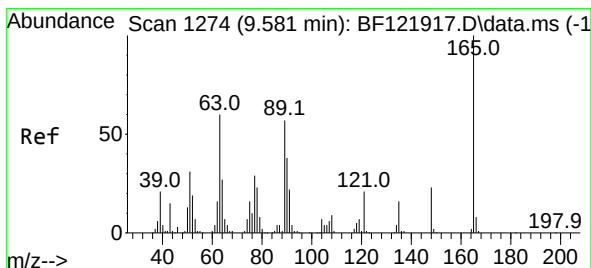
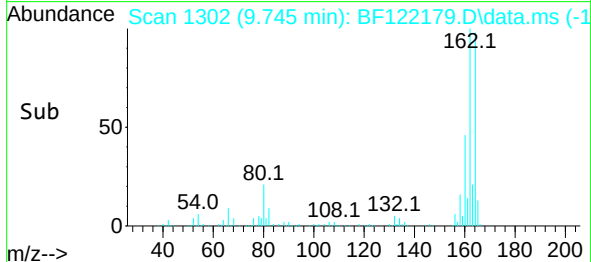
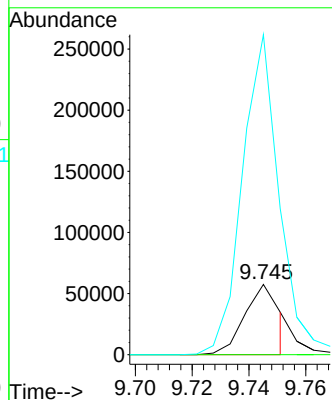
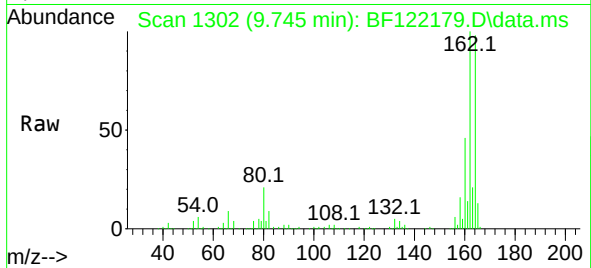




#50
Dimethylphthalate
Concen: 2.75 ng
RT: 9.745 min Scan# 1302
Delta R.T. 0.265 min
Lab File: BF122179.D
Acq: 30 Oct 2020 14:01

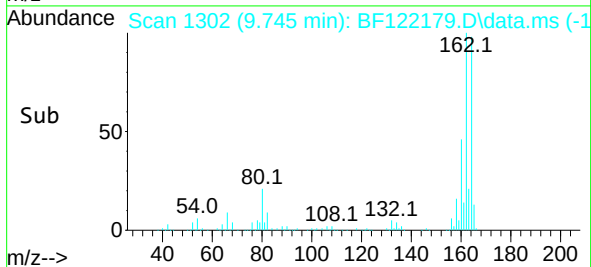
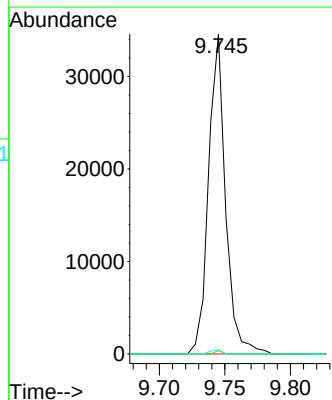
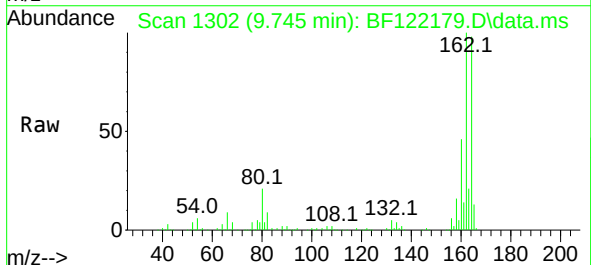
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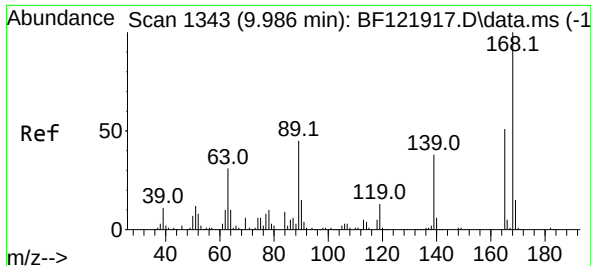
Tgt Ion:163 Resp: 48796
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 455.1 8.2 12.4#



#51
2,6-Dinitrotoluene
Concen: 8.05 ng
RT: 9.745 min Scan# 1302
Delta R.T. 0.194 min
Lab File: BF122179.D
Acq: 30 Oct 2020 14:01

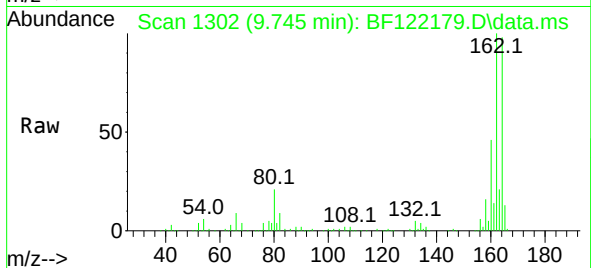
Tgt Ion:165 Resp: 31261
Ion Ratio Lower Upper
165 100
63 1.0 51.8 77.6#
89 1.4 49.0 73.6#



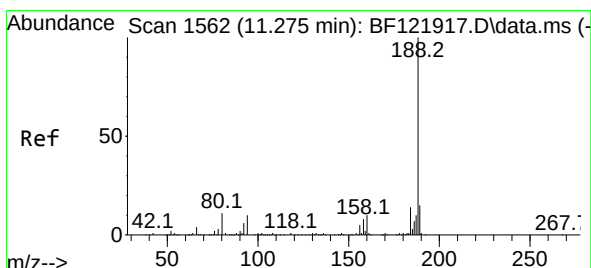
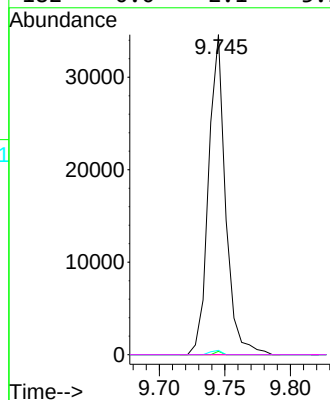
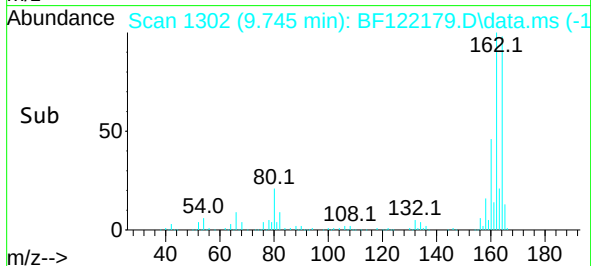


#57
2,4-Dinitrotoluene
Concen: 6.54 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.218 min
Lab File: BF122179.D
Acq: 30 Oct 2020 14:01

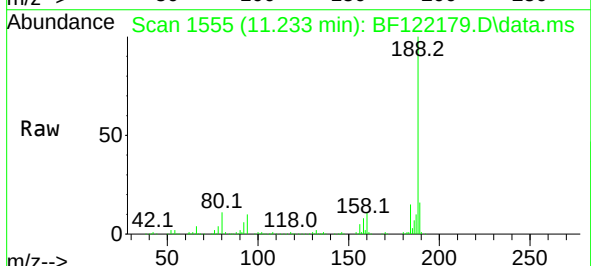
Instrument :
BNA_F
ClientSampleId :
PB132732BL



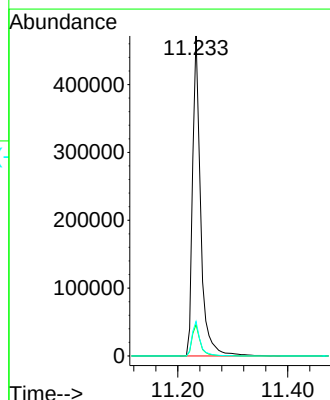
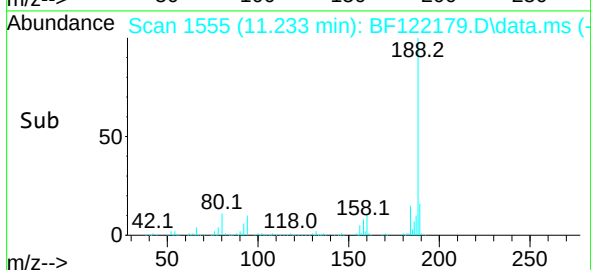
Tgt Ion:165 Resp: 31261
Ion Ratio Lower Upper
165 100
63 1.0 41.3 61.9#
89 1.4 61.8 92.8#
182 0.0 2.1 3.1#

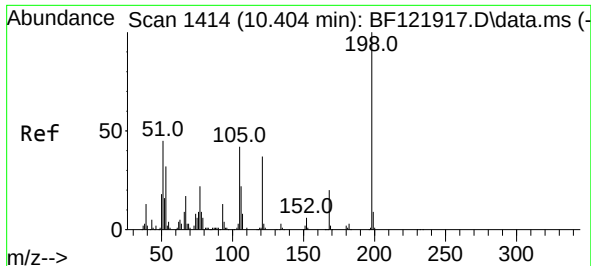


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.233 min Scan# 1555
Delta R.T. -0.000 min
Lab File: BF122179.D
Acq: 30 Oct 2020 14:01



Tgt Ion:188 Resp: 478415
Ion Ratio Lower Upper
188 100
94 9.8 8.3 12.5
80 10.8 9.1 13.7

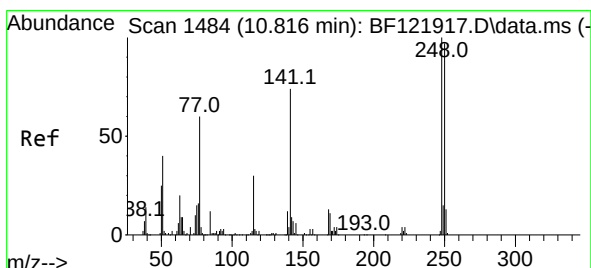
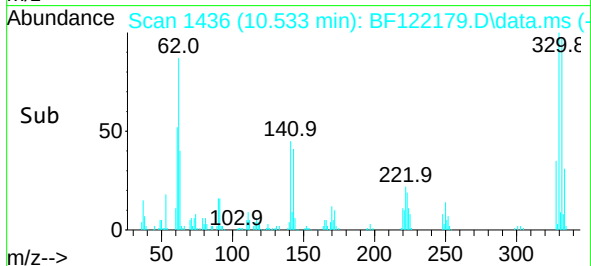
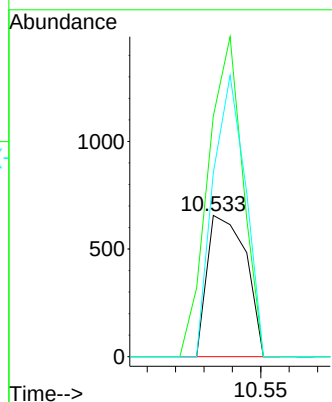
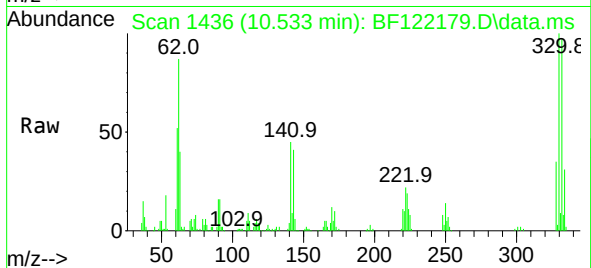




#65
4,6-Dinitro-2-methylphenol
Concen: 4.61 ng
RT: 10.533 min Scan# 1436
Delta R.T. 0.159 min
Lab File: BF122179.D
Acq: 30 Oct 2020 14:01

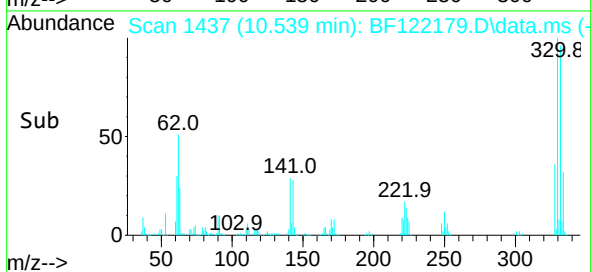
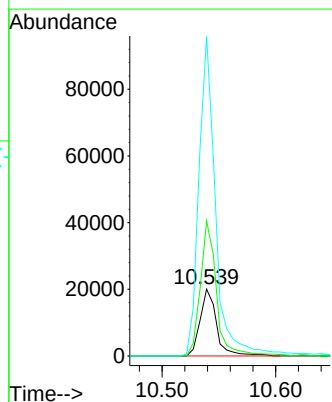
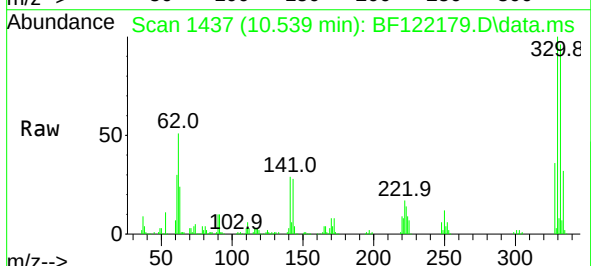
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ClientSampleId :
PB132732BL

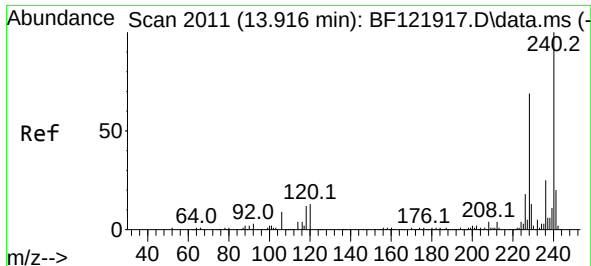
Tgt Ion:198 Resp: 618
Ion Ratio Lower Upper
198 100
51 170.4 29.6 69.6#
105 130.2 24.4 64.4#



#67
4-Bromophenyl-phenylether
Concen: 3.66 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.235 min
Lab File: BF122179.D
Acq: 30 Oct 2020 14:01

Tgt Ion:248 Resp: 20229
Ion Ratio Lower Upper
248 100
250 201.8 77.0 115.6#
141 478.2 53.7 80.5#

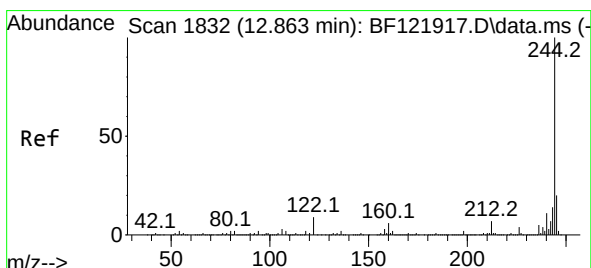
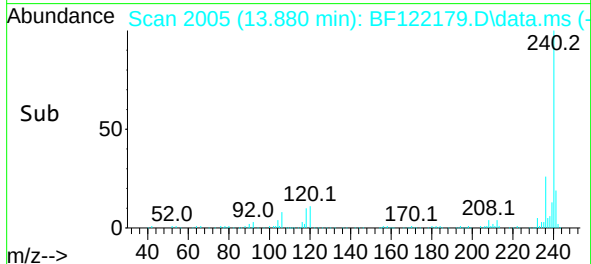
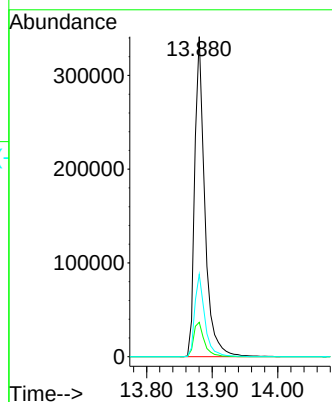
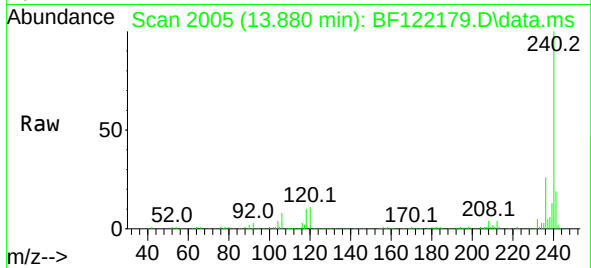




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BF122179.D
Acq: 30 Oct 2020 14:01

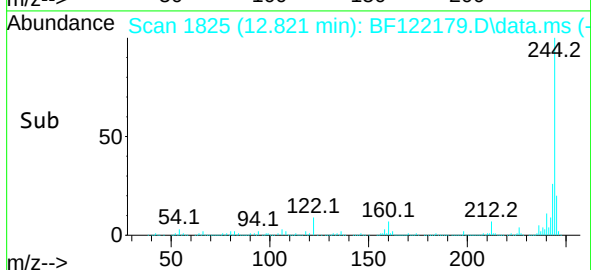
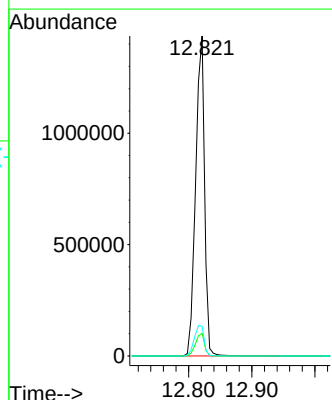
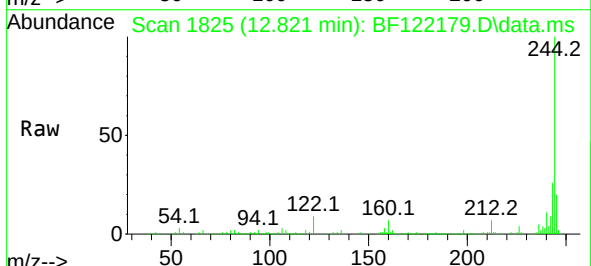
Instrument :
BNA_F
ClientSampleId :
PB132732BL

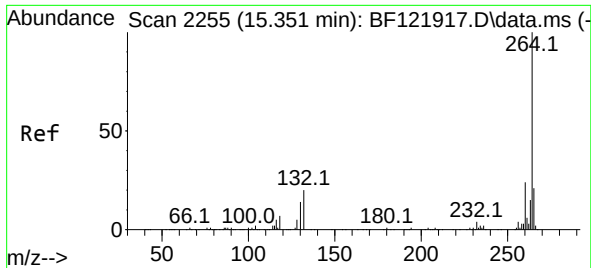
Tgt Ion:240 Resp: 367409
Ion Ratio Lower Upper
240 100
120 10.8 9.2 13.8
236 25.8 20.9 31.3



#79
Terphenyl-d14
Concen: 72.91 ng
RT: 12.821 min Scan# 1825
Delta R.T. 0.006 min
Lab File: BF122179.D
Acq: 30 Oct 2020 14:01

Tgt Ion:244 Resp: 1405641
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.2
122 9.2 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: BF122179.D
 Acq: 30 Oct 2020 14:01

Instrument :
 BNA_F
 ClientSampleId :
 PB132732BL

Tgt Ion:264 Resp: 301877
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.7 28.1
 265 21.6 17.3 25.9

