

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102620\
 Data File : BF122118.D
 Acq On : 26 Oct 2020 16:37
 Operator : JU/CG
 Sample : L4436-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 36B

Quant Time: Oct 26 17:19:48 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)

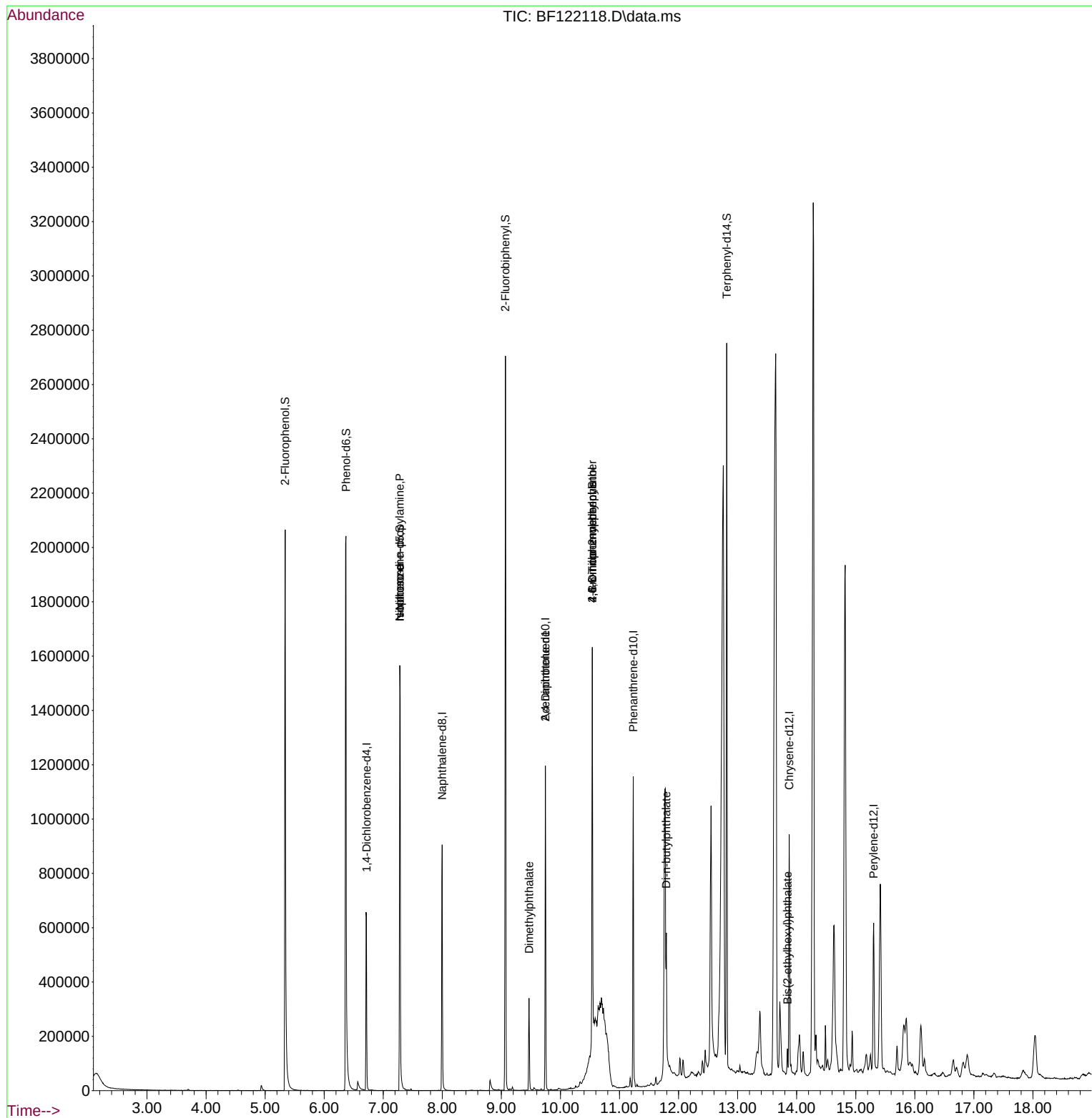
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.716	152	104126	20.00	ng	-0.01
21) Naphthalene-d8	7.998	136	412952	20.00	ng	-0.01
39) Acenaphthene-d10	9.745	164	213689	20.00	ng	-0.02
64) Phenanthrene-d10	11.233	188	391597	20.00	ng	-0.01
76) Chrysene-d12	13.874	240	287657	20.00	ng	-0.01
86) Perylene-d12	15.304	264	232412	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	626438	88.79	ng	0.00
7) Phenol-d6	6.369	99	792664	87.28	ng	-0.01
23) Nitrobenzene-d5	7.281	82	552790	68.65	ng	-0.02
42) 2,4,6-Tribromophenol	10.539	330	174113	65.87	ng	-0.02
45) 2-Fluorobiphenyl	9.069	172	848125	58.40	ng	-0.02
79) Terphenyl-d14	12.816	244	793794	52.59	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	6.363	77	1379	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.281	70	75896	14.68	ng	# 79
25) Isophorone	7.281	82	547631	35.97	ng	# 67
50) Dimethylphthalate	9.469	163	130368	8.34	ng	99
57) 2,4-Dinitrotoluene	9.745	165	27619	6.55	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.539	198	336	4.55	ng	# 1
67) 4-Bromophenyl-phenylether	10.539	248	10296	2.28	ng	# 1
74) Di-n-butylphthalate	11.792	149	184053	8.08	ng	99
84) Bis(2-ethylhexyl)phtha...	13.845	149	26292	2.23	ng	96

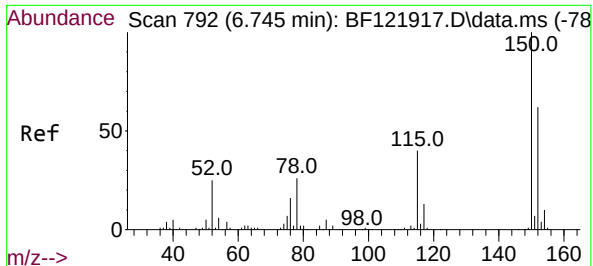
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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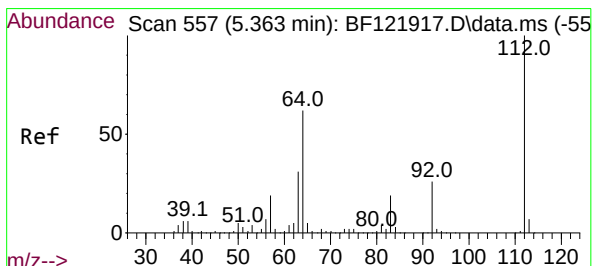
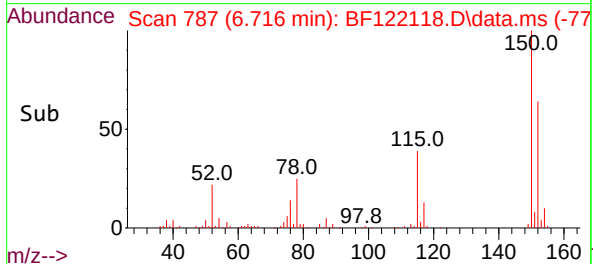
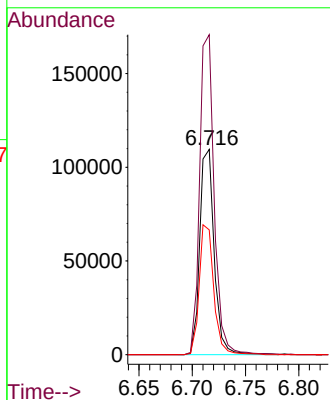
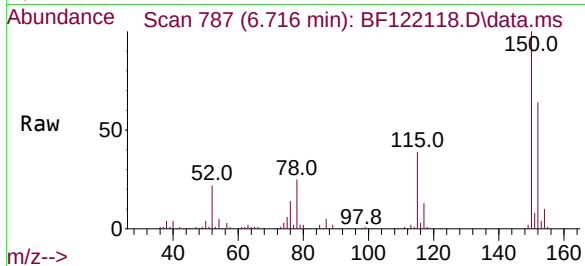




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.716 min Scan# 787
Delta R.T. -0.012 min
Lab File: BF122118.D
Acq: 26 Oct 2020 16:37

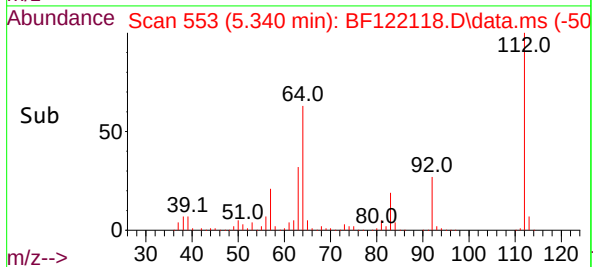
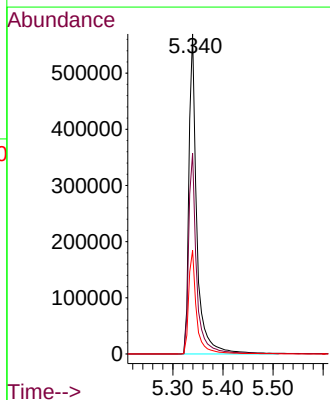
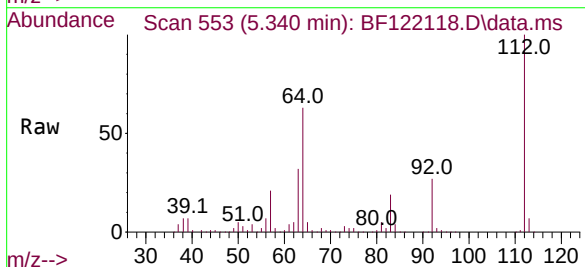
Instrument :
BNA_F
ClientSampleId :
36B

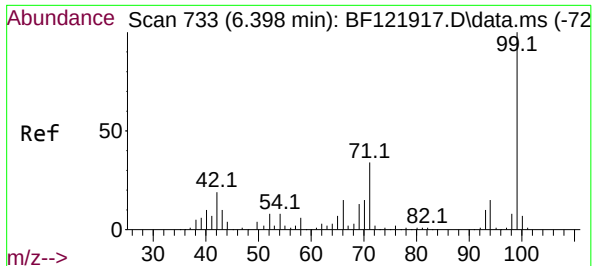
Tgt Ion:152 Resp: 104126
Ion Ratio Lower Upper
152 100
150 155.9 125.3 187.9
115 60.8 51.9 77.9



#5
2-Fluorophenol
Concen: 88.79 ng
RT: 5.340 min Scan# 553
Delta R.T. -0.006 min
Lab File: BF122118.D
Acq: 26 Oct 2020 16:37

Tgt Ion:112 Resp: 626438
Ion Ratio Lower Upper
112 100
64 62.7 50.4 75.6
63 32.3 25.8 38.6

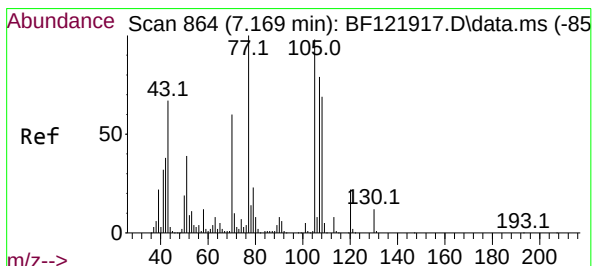
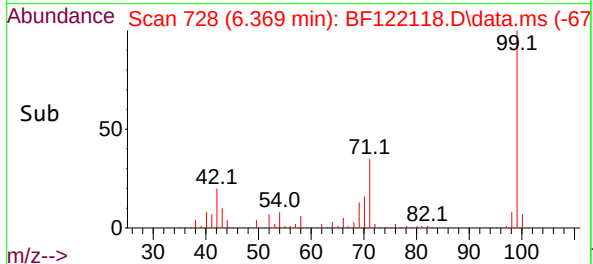
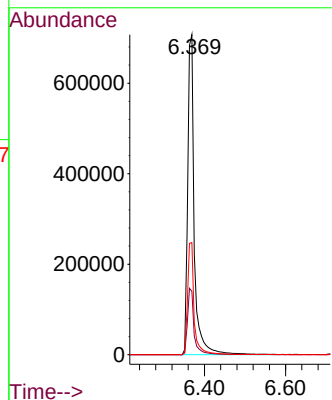
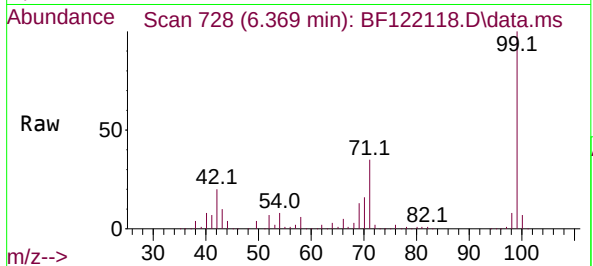




#7
Phenol-d6
Concen: 87.28 ng
RT: 6.369 min Scan# 728
Delta R.T. -0.012 min
Lab File: BF122118.D
Acq: 26 Oct 2020 16:37

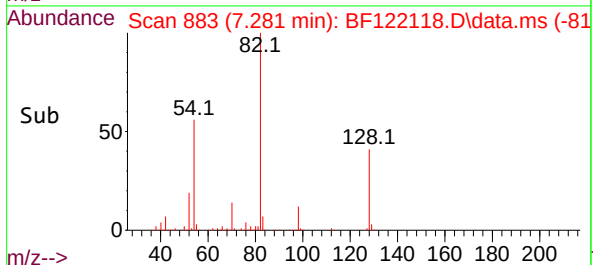
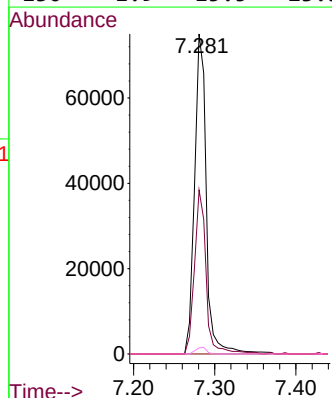
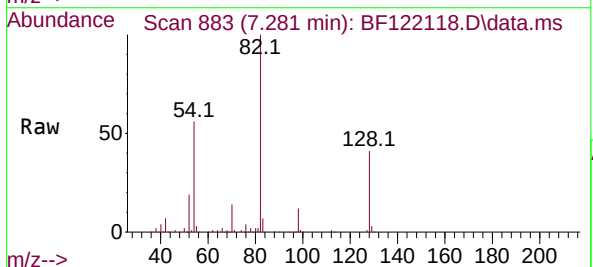
Instrument :
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ClientSampleId :
36B

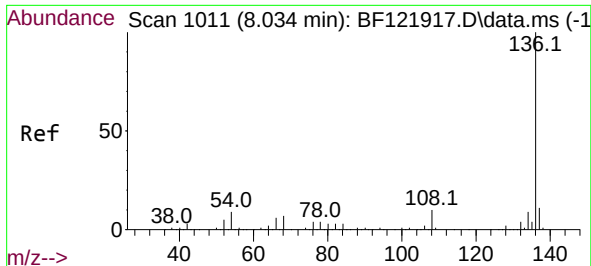
Tgt Ion: 99 Resp: 792664
Ion Ratio Lower Upper
99 100
42 19.8 15.9 23.9
71 35.0 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 14.68 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.123 min
Lab File: BF122118.D
Acq: 26 Oct 2020 16:37

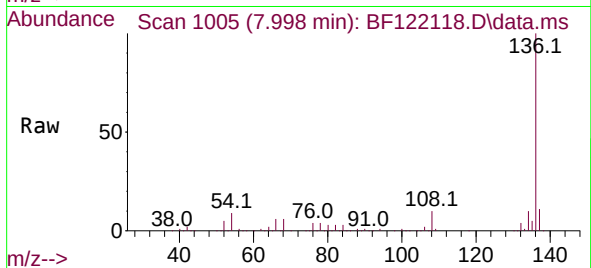
Tgt Ion: 70 Resp: 75896
Ion Ratio Lower Upper
70 100
42 51.3 50.2 75.4
101 0.0 7.5 11.3#
130 1.9 15.5 23.3#



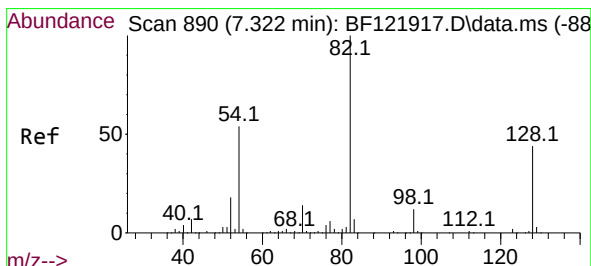
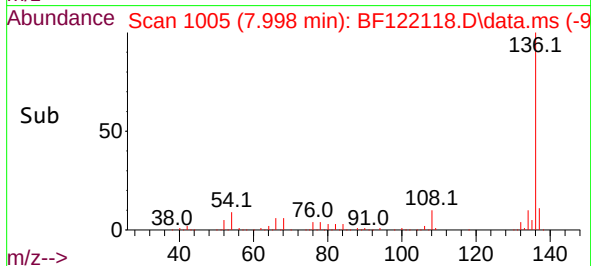
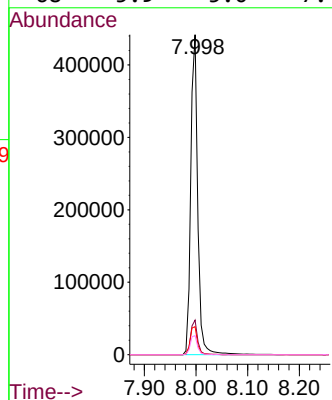


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.998 min Scan# 1005
Delta R.T. -0.012 min
Lab File: BF122118.D
Acq: 26 Oct 2020 16:37

Instrument :
BNA_F
ClientSampled :
36B

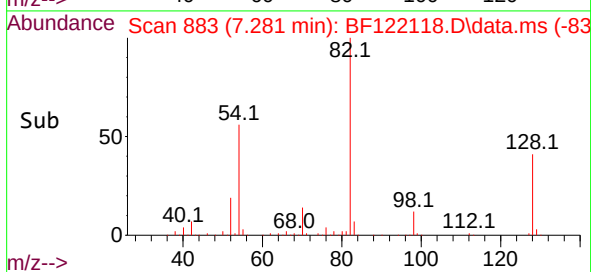
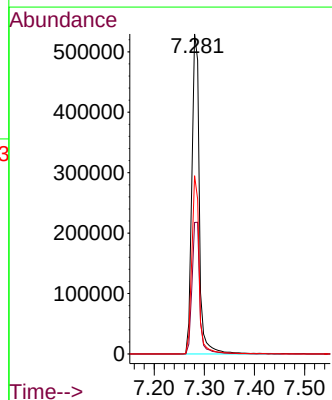
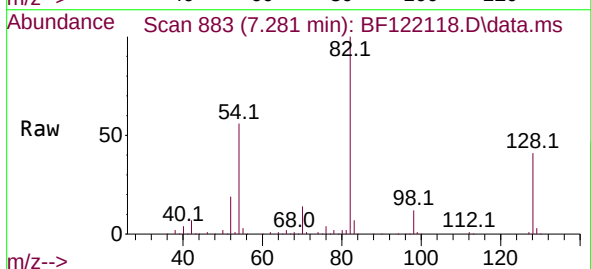


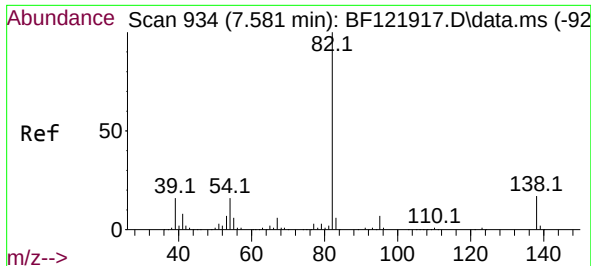
Tgt Ion:136 Resp: 412952
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.7 7.1 10.7
68 5.9 5.0 7.4



#23
Nitrobenzene-d5
Concen: 68.65 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.024 min
Lab File: BF122118.D
Acq: 26 Oct 2020 16:37

Tgt Ion: 82 Resp: 552790
Ion Ratio Lower Upper
82 100
128 41.1 35.0 52.4
54 55.7 43.9 65.9

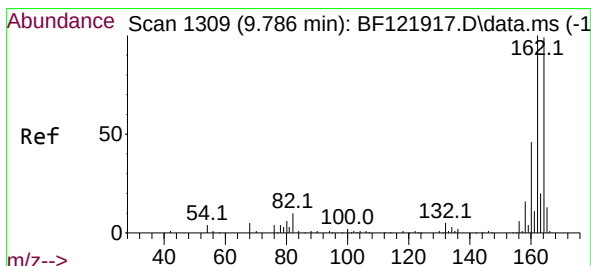
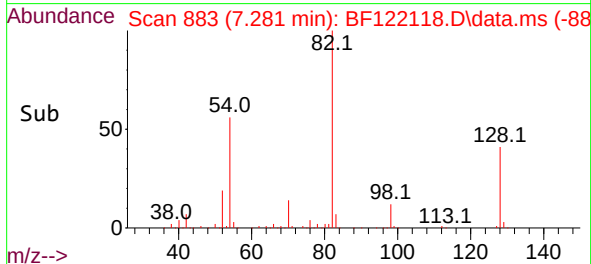
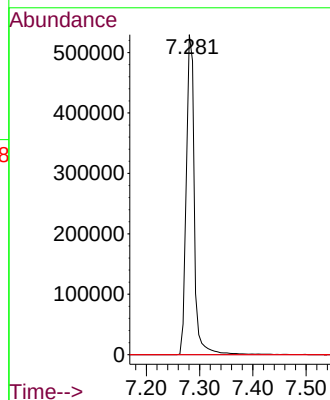
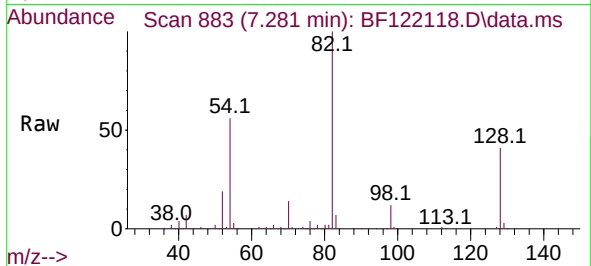




#25
Isophorone
Concen: 35.97 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.282 min
Lab File: BF122118.D
Acq: 26 Oct 2020 16:37

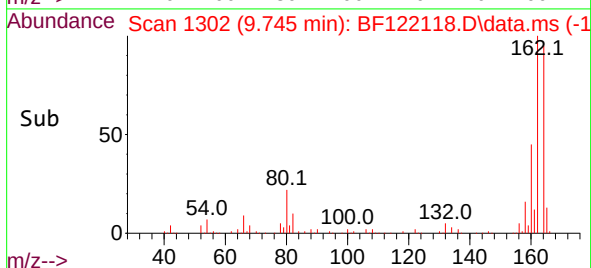
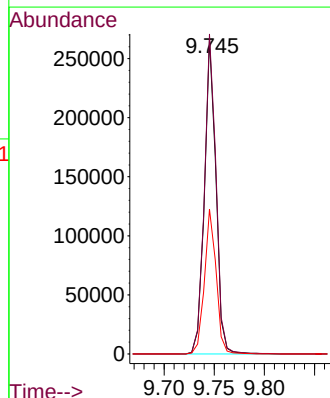
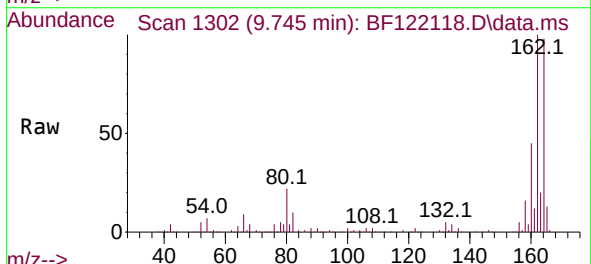
Instrument :
BNA_F
ClientSampleId :
36B

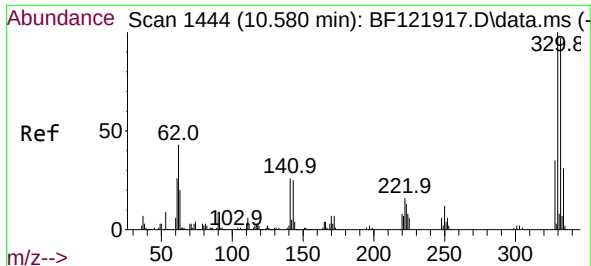
Tgt Ion: 82 Resp: 547631
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.018 min
Lab File: BF122118.D
Acq: 26 Oct 2020 16:37

Tgt Ion: 164 Resp: 213689
Ion Ratio Lower Upper
164 100
162 101.6 83.2 124.8
160 46.0 37.5 56.3

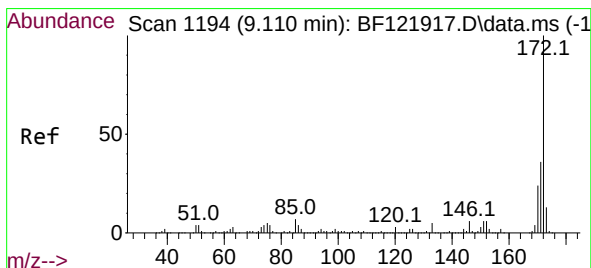
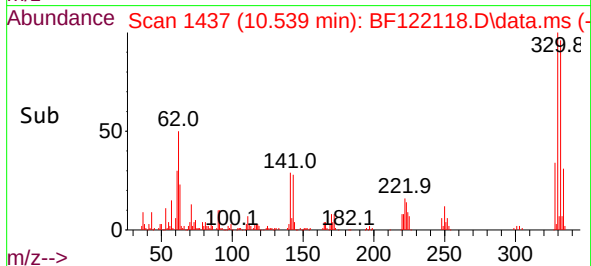
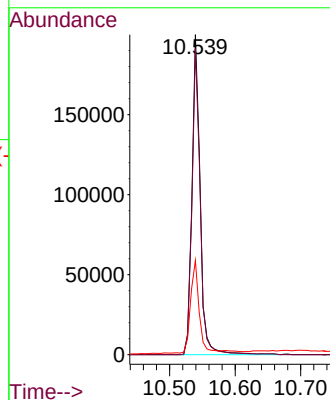
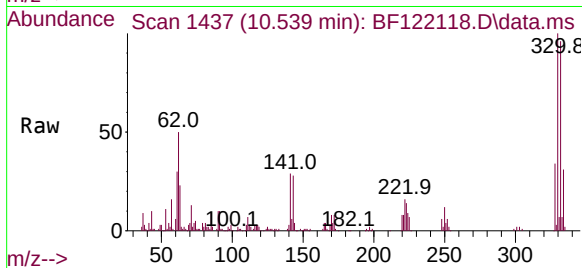




#42
2,4,6-Tribromophenol
Concen: 65.87 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.018 min
Lab File: BF122118.D
Acq: 26 Oct 2020 16:37

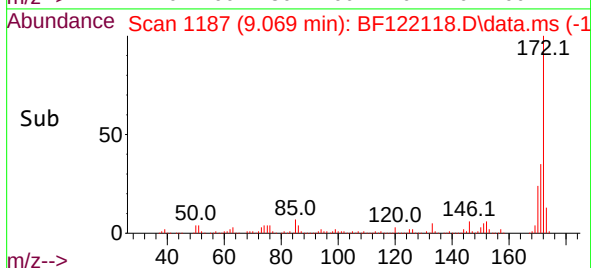
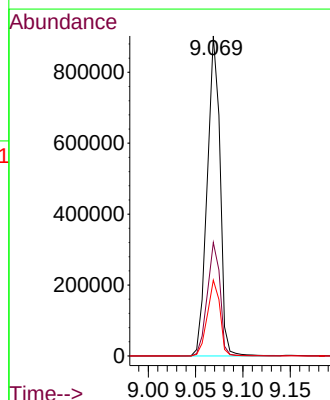
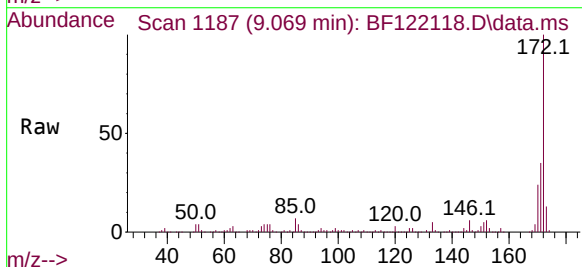
Instrument :
BNA_F
ClientSampleId :
36B

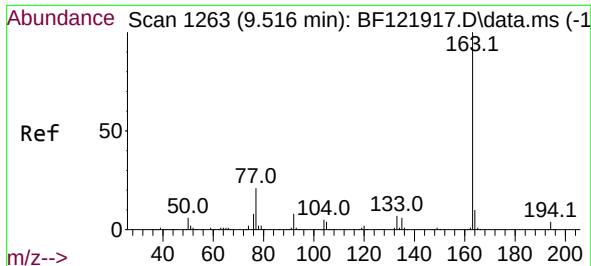
Tgt Ion: 330 Resp: 174113
Ion Ratio Lower Upper
330 100
332 95.6 77.3 115.9
141 32.0 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 58.40 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.018 min
Lab File: BF122118.D
Acq: 26 Oct 2020 16:37

Tgt Ion: 172 Resp: 848125
Ion Ratio Lower Upper
172 100
171 35.5 29.1 43.7
170 23.7 19.8 29.6

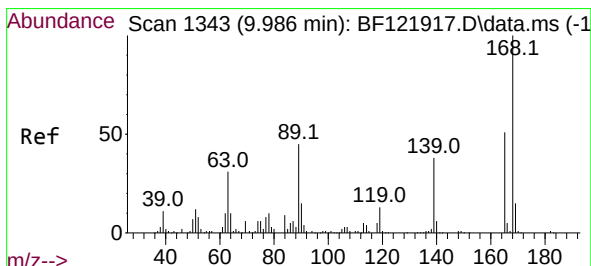
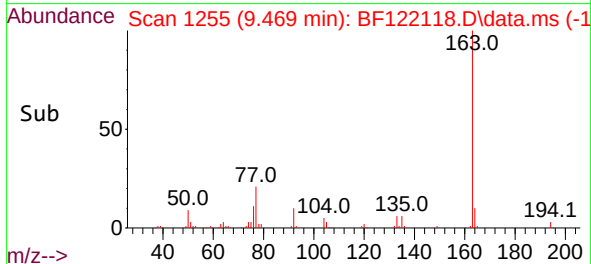
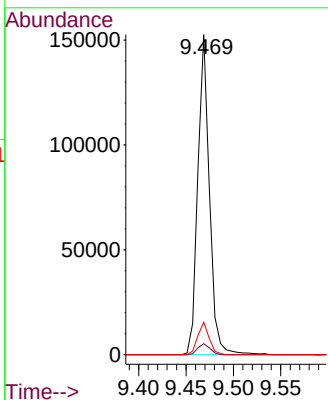
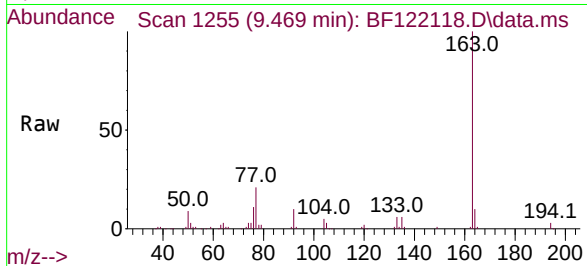




#50
Dimethylphthalate
Concen: 8.34 ng
RT: 9.469 min Scan# 1255
Delta R.T. -0.024 min
Lab File: BF122118.D
Acq: 26 Oct 2020 16:37

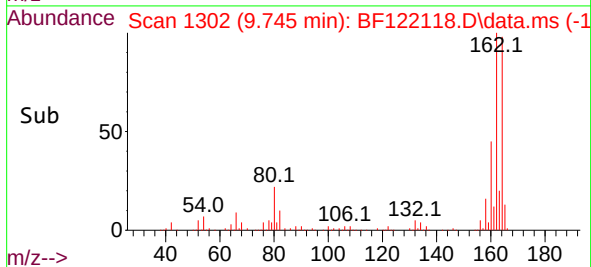
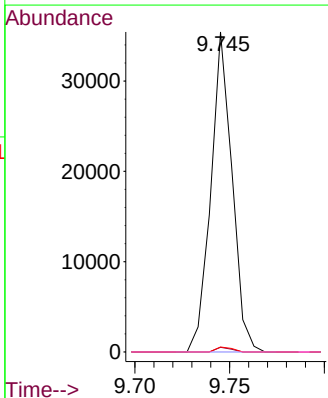
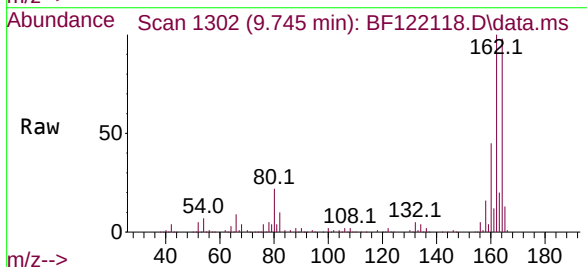
Instrument :
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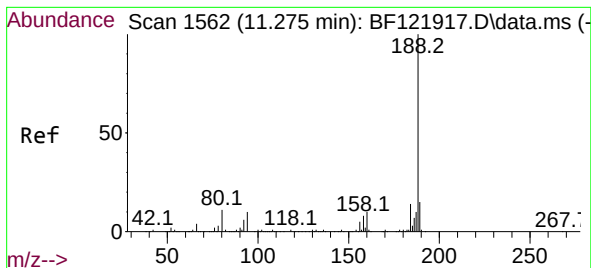
Tgt Ion:163 Resp: 130368
Ion Ratio Lower Upper
163 100
194 3.5 3.3 4.9
164 10.1 8.2 12.4



#57
2,4-Dinitrotoluene
Concen: 6.55 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.230 min
Lab File: BF122118.D
Acq: 26 Oct 2020 16:37

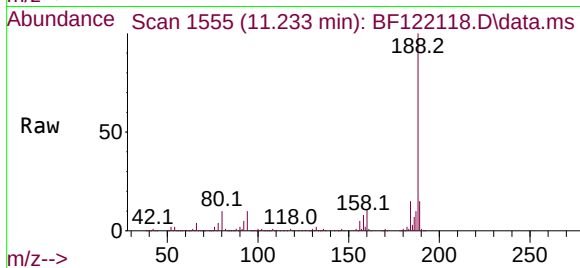
Tgt Ion:165 Resp: 27619
Ion Ratio Lower Upper
165 100
63 1.5 41.3 61.9#
89 1.6 61.8 92.8#
182 0.0 2.1 3.1#



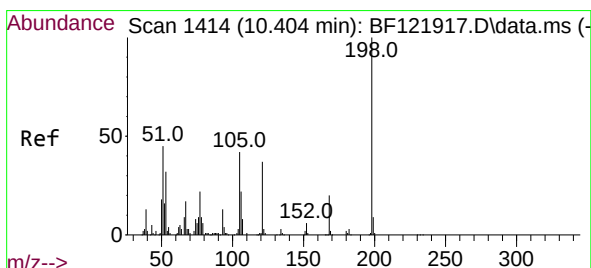
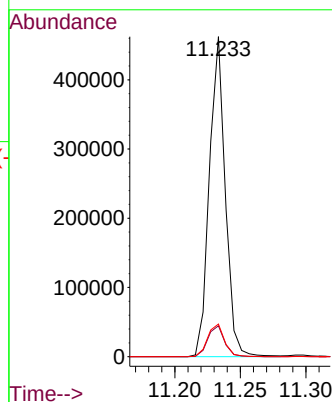
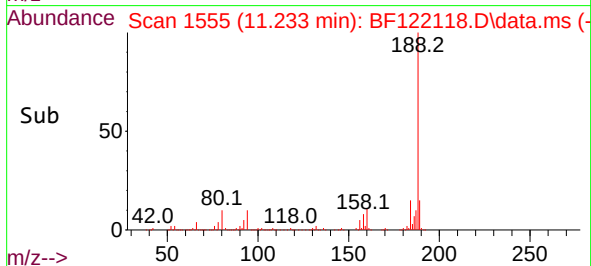


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.233 min Scan# 1555
Delta R.T. -0.012 min
Lab File: BF122118.D
Acq: 26 Oct 2020 16:37

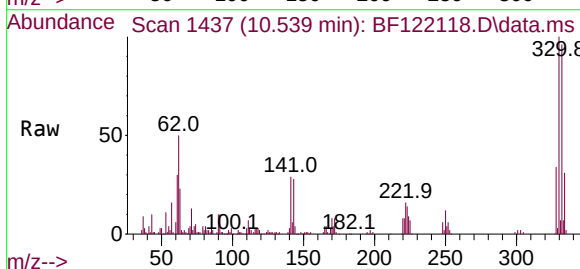
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BNA_F
ClientSampleId :
36B



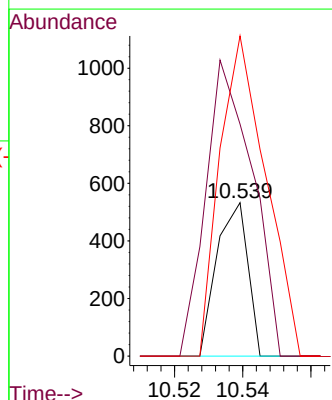
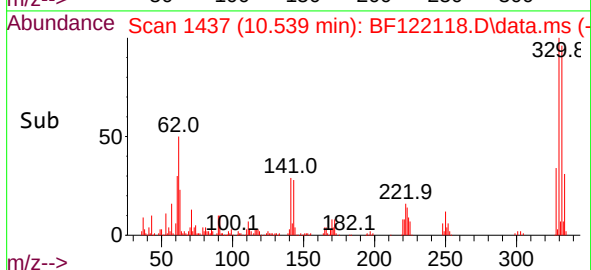
Tgt Ion:188 Resp: 391597
Ion Ratio Lower Upper
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94 9.7 8.3 12.5
80 10.2 9.1 13.7

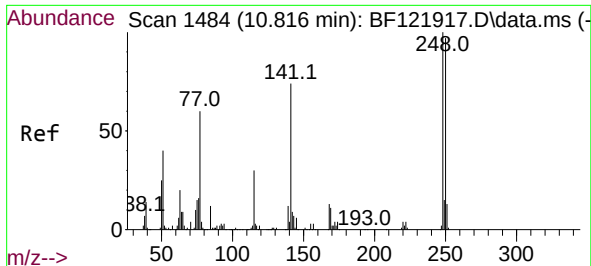


#65
4,6-Dinitro-2-methylphenol
Concen: 4.55 ng
RT: 10.539 min Scan# 1437
Delta R.T. 0.153 min
Lab File: BF122118.D
Acq: 26 Oct 2020 16:37



Tgt Ion:198 Resp: 336
Ion Ratio Lower Upper
198 100
51 151.2 29.6 69.6#
105 208.6 24.4 64.4#

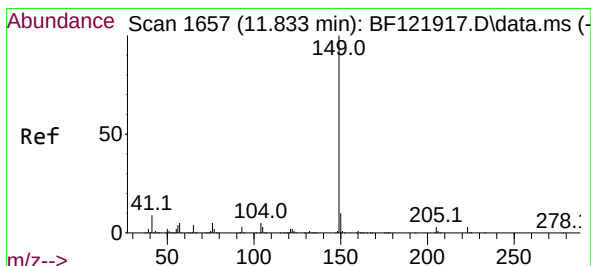
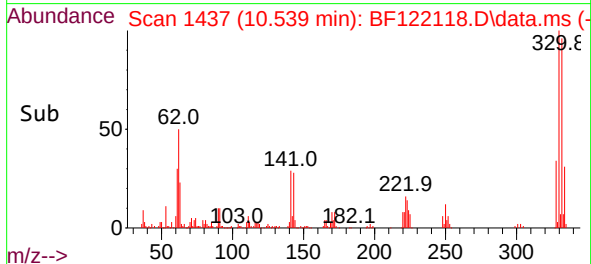
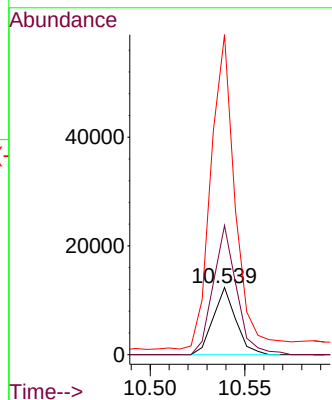
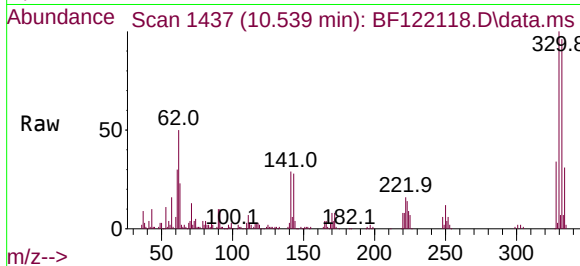




#67
4-Bromophenyl-phenylether
Concen: 2.28 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.253 min
Lab File: BF122118.D
Acq: 26 Oct 2020 16:37

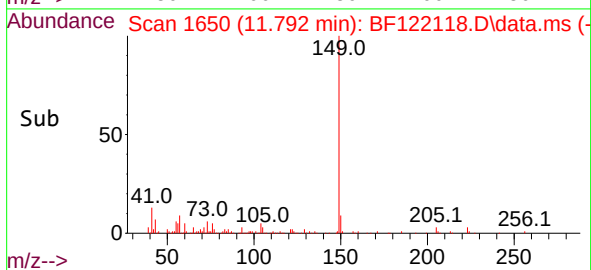
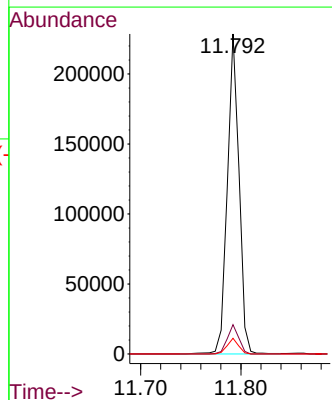
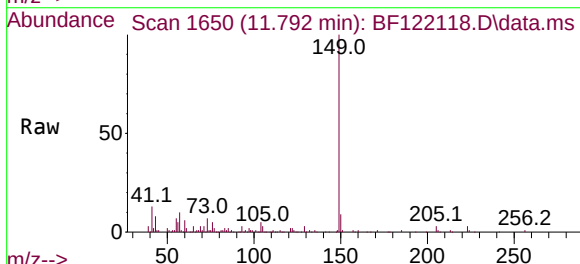
Instrument :
BNA_F
ClientSampled :
36B

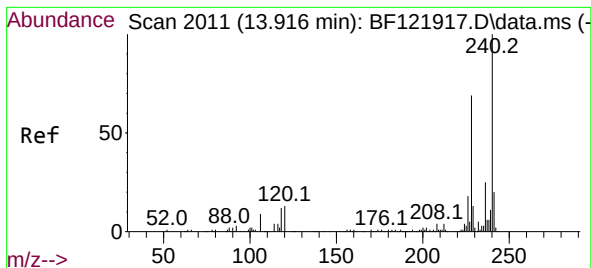
Tgt Ion:248 Resp: 10296
Ion Ratio Lower Upper
248 100
250 192.4 77.0 115.6#
141 476.6 53.7 80.5#



#74
Di-n-butylphthalate
Concen: 8.08 ng
RT: 11.792 min Scan# 1650
Delta R.T. -0.018 min
Lab File: BF122118.D
Acq: 26 Oct 2020 16:37

Tgt Ion:149 Resp: 184053
Ion Ratio Lower Upper
149 100
150 9.1 7.7 11.5
104 4.9 4.2 6.2

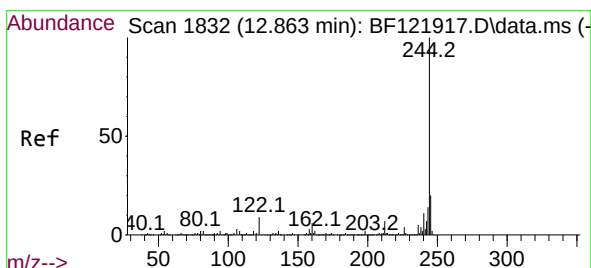
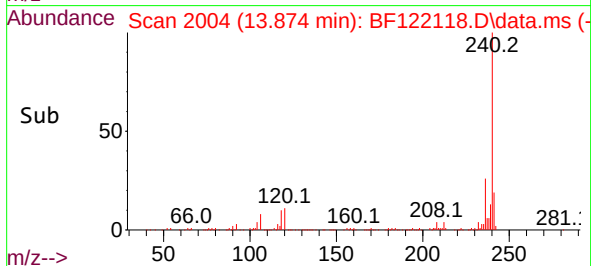
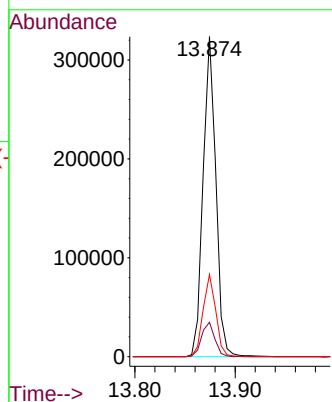
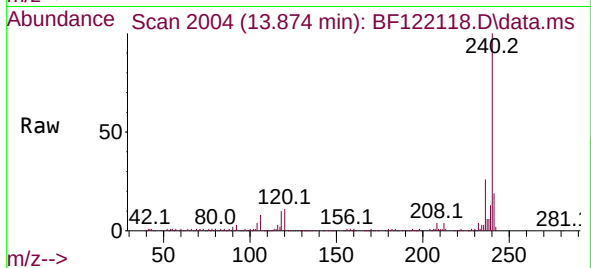




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.012 min
Lab File: BF122118.D
Acq: 26 Oct 2020 16:37

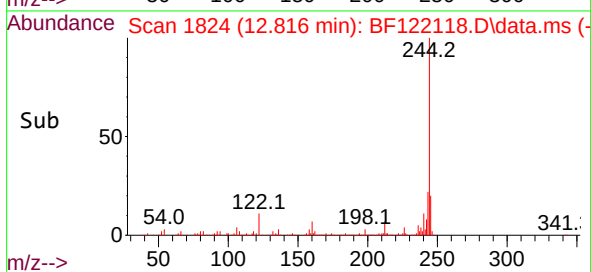
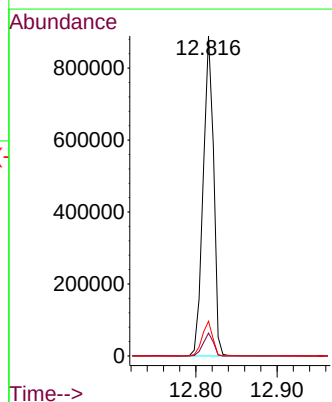
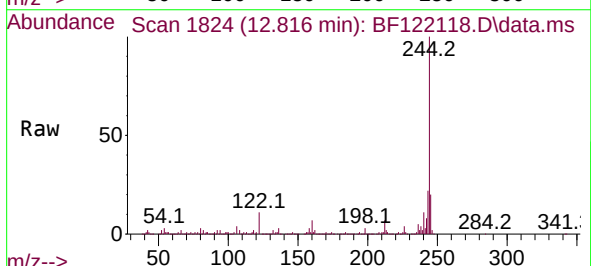
Instrument :
BNA_F
ClientSampleId :
36B

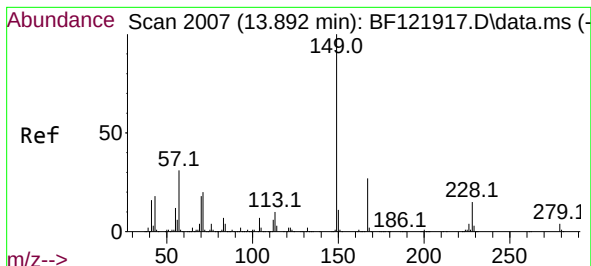
Tgt Ion:240 Resp: 287657
Ion Ratio Lower Upper
240 100
120 10.8 9.2 13.8
236 25.7 20.9 31.3



#79
Terphenyl-d14
Concen: 52.59 ng
RT: 12.816 min Scan# 1824
Delta R.T. -0.018 min
Lab File: BF122118.D
Acq: 26 Oct 2020 16:37

Tgt Ion:244 Resp: 793794
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.2
122 10.9 8.1 12.1

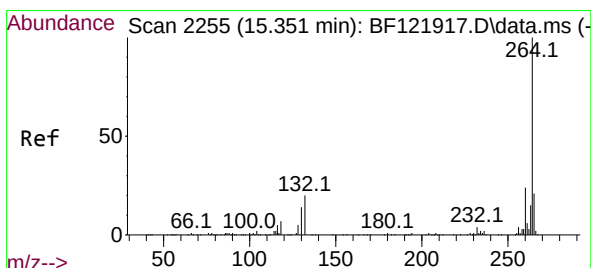
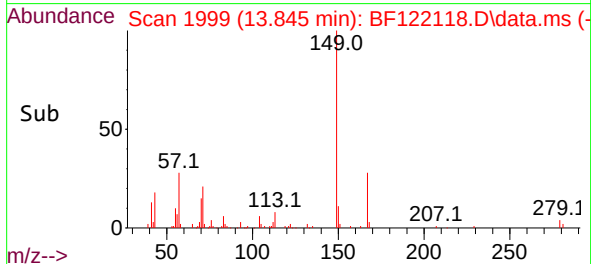
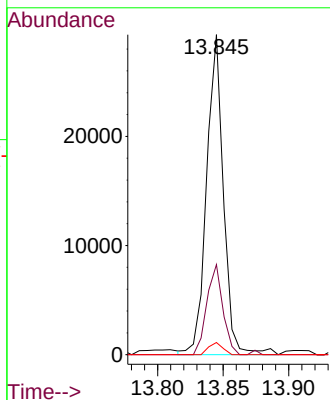
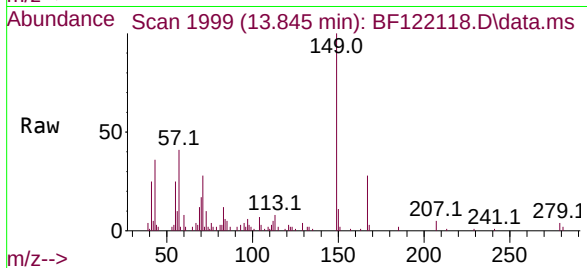




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.23 ng
 RT: 13.845 min Scan# 1999
 Delta R.T. -0.012 min
 Lab File: BF122118.D
 Acq: 26 Oct 2020 16:37

Instrument :
 BNA_F
 ClientSampleId :
 36B

Tgt Ion:149 Resp: 26292
 Ion Ratio Lower Upper
 149 100
 167 28.2 20.9 31.3
 279 3.8 3.2 4.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.304 min Scan# 2247
 Delta R.T. -0.012 min
 Lab File: BF122118.D
 Acq: 26 Oct 2020 16:37

Tgt Ion:264 Resp: 232412
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.7 28.1
 265 21.2 17.3 25.9

