

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110220\
 Data File : BF122224.D
 Acq On : 2 Nov 2020 14:16
 Operator : JU/CG
 Sample : PB132772BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB132772BL

Quant Time: Nov 02 15:43:41 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)

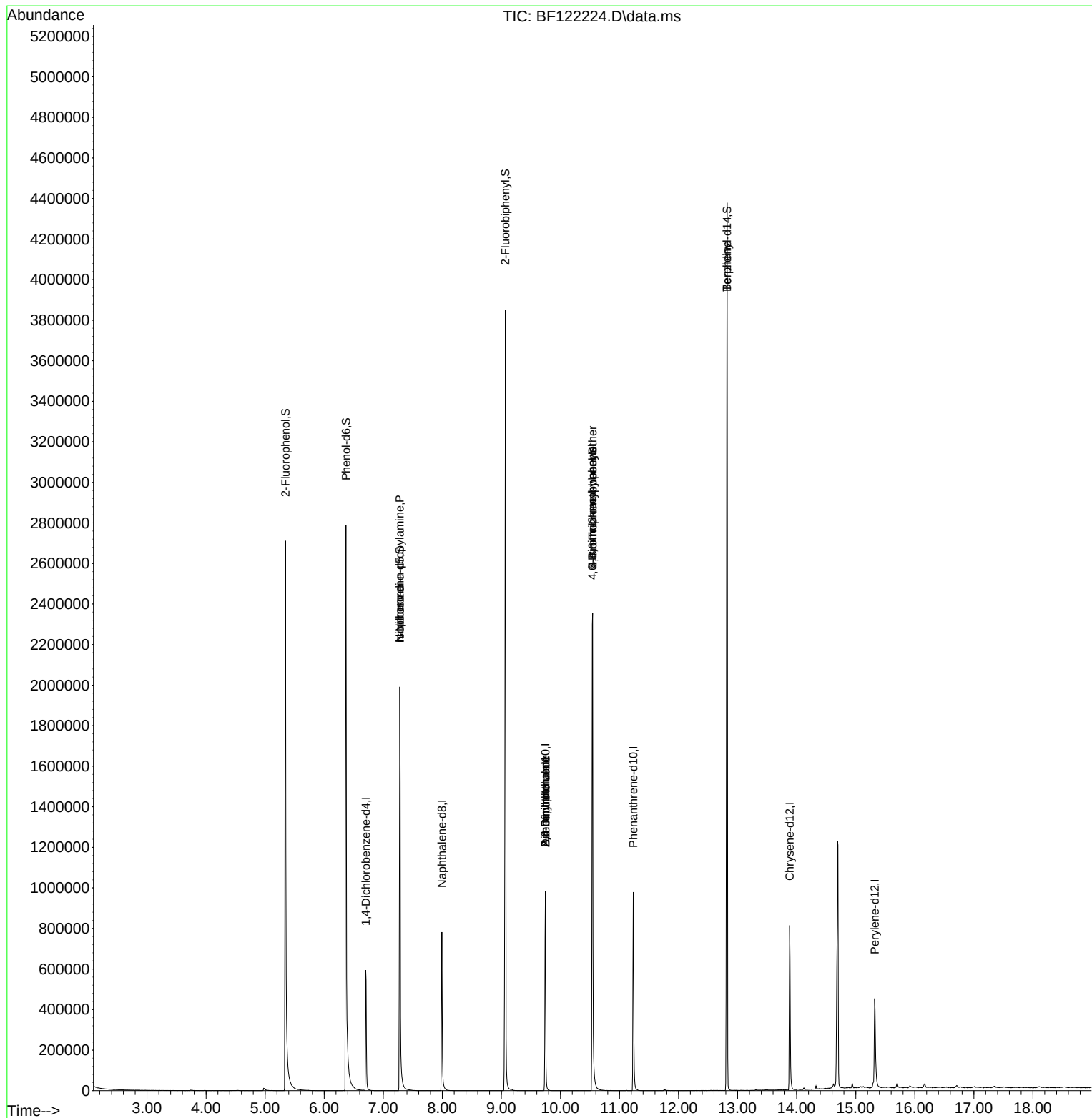
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.704	152	98811	20.00	ng	-0.01
21) Naphthalene-d8	7.992	136	392313	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	206799	20.00	ng	0.00
64) Phenanthrene-d10	11.233	188	405931	20.00	ng	0.00
76) Chrysene-d12	13.880	240	318155	20.00	ng	0.00
86) Perylene-d12	15.321	264	255774	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.345	112	926557	138.40	ng	0.01
7) Phenol-d6	6.369	99	1179406	136.85	ng	0.00
23) Nitrobenzene-d5	7.281	82	778711	101.80	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	379542	148.37	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	1311050	93.28	ng	0.00
79) Terphenyl-d14	12.821	244	1516880	90.86	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.369	77	1375	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.281	70	105181	21.44	ng	# 80
25) Isophorone	7.281	82	778756	53.84	ng	# 67
50) Dimethylphthalate	9.745	163	41066	2.72	ng	# 1
51) 2,6-Dinitrotoluene	9.745	165	26040	7.85	ng	# 21
57) 2,4-Dinitrotoluene	9.745	165	26040	6.38	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.539	198	710	4.67	ng	# 1
67) 4-Bromophenyl-phenylether	10.545	248	22456	4.79	ng	# 1
77) Benzidine	12.821	184	20678	2.11	ng	# 93

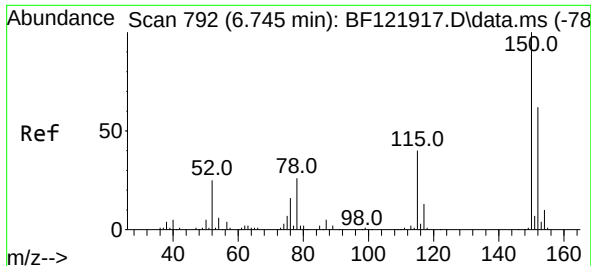
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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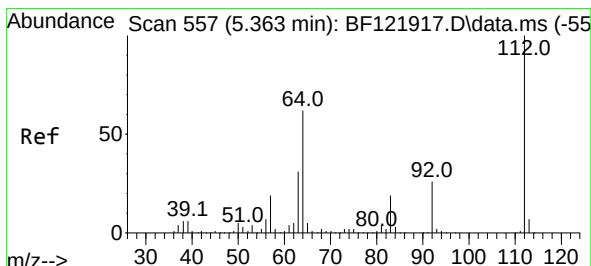
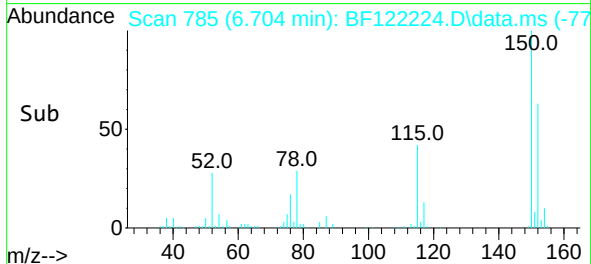
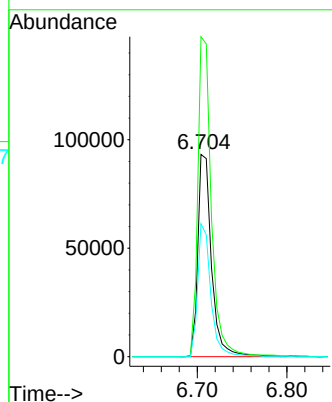
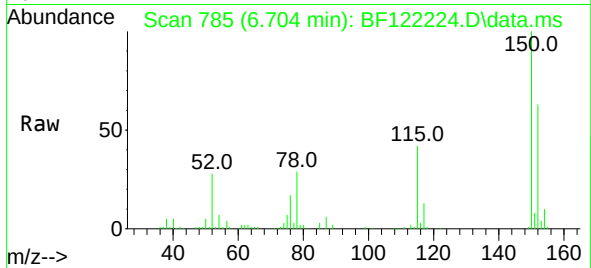




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.704 min Scan# 785
Delta R.T. -0.012 min
Lab File: BF122224.D
Acq: 2 Nov 2020 14:16

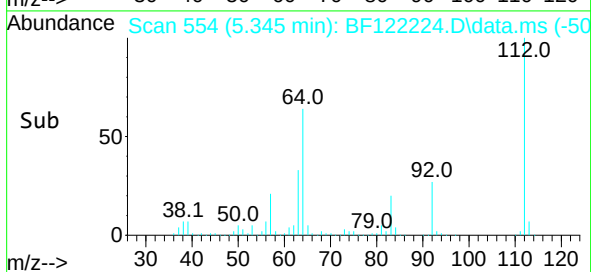
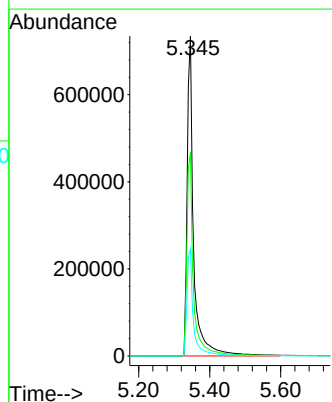
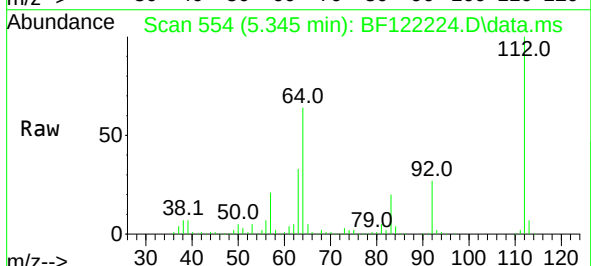
Instrument :
BNA_F
ClientSampleId :
PB132772BL

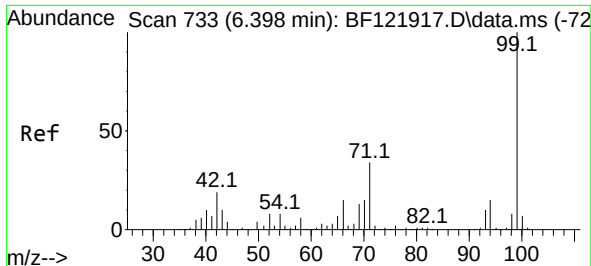
Tgt Ion:152 Resp: 98811
Ion Ratio Lower Upper
152 100
150 158.2 125.3 187.9
115 65.7 51.9 77.9



#5
2-Fluorophenol
Concen: 138.40 ng
RT: 5.345 min Scan# 554
Delta R.T. 0.012 min
Lab File: BF122224.D
Acq: 2 Nov 2020 14:16

Tgt Ion:112 Resp: 926557
Ion Ratio Lower Upper
112 100
64 63.7 50.4 75.6
63 33.4 25.8 38.6

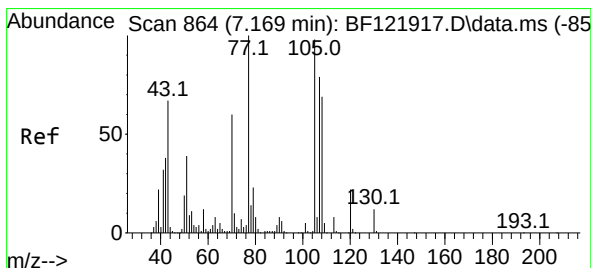
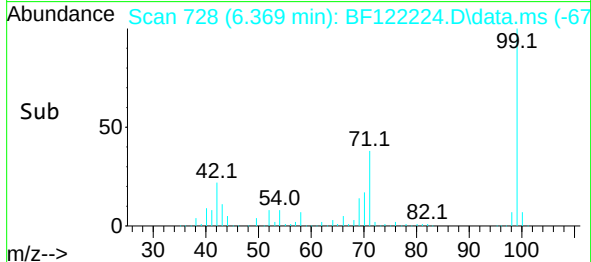
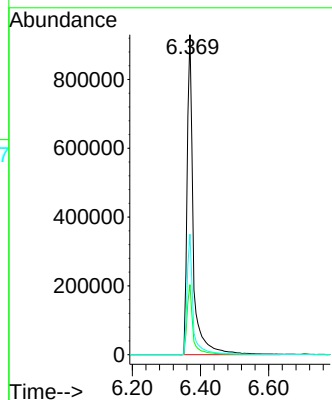
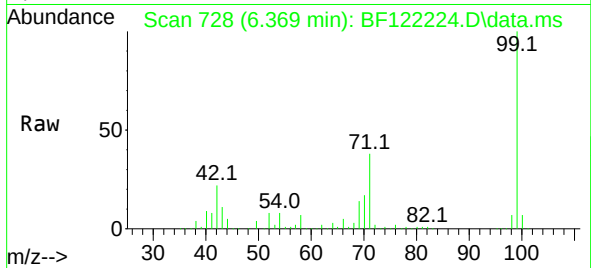




#7
Phenol-d6
Concen: 136.85 ng
RT: 6.369 min Scan# 728
Delta R.T. -0.000 min
Lab File: BF122224.D
Acq: 2 Nov 2020 14:16

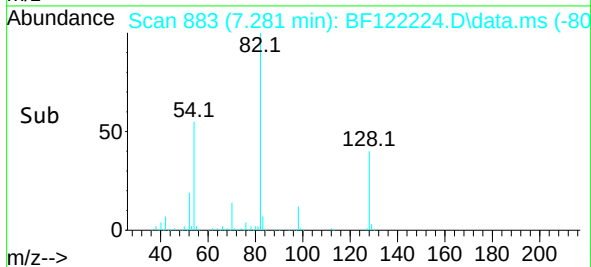
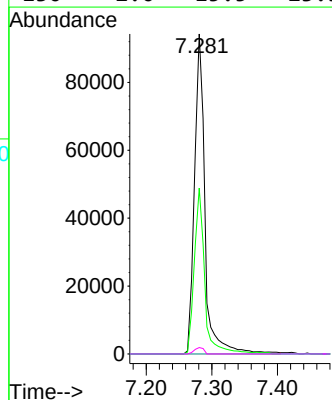
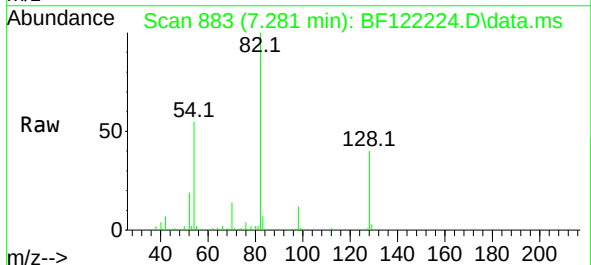
Instrument :
BNA_F
ClientSampleId :
PB132772BL

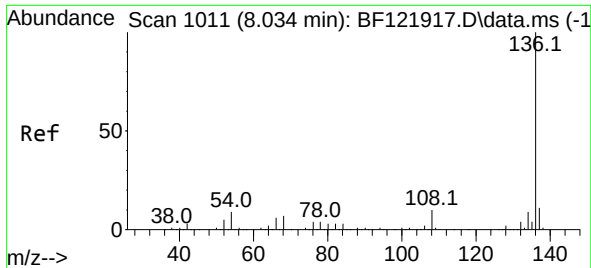
Tgt Ion: 99 Resp: 1179406
Ion Ratio Lower Upper
99 100
42 21.9 15.9 23.9
71 37.7 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 21.44 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.141 min
Lab File: BF122224.D
Acq: 2 Nov 2020 14:16

Tgt Ion: 70 Resp: 105181
Ion Ratio Lower Upper
70 100
42 51.8 50.2 75.4
101 0.0 7.5 11.3#
130 2.0 15.5 23.3#



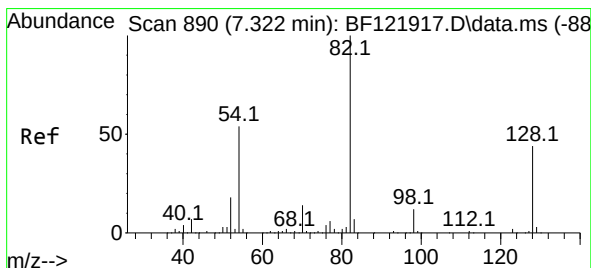
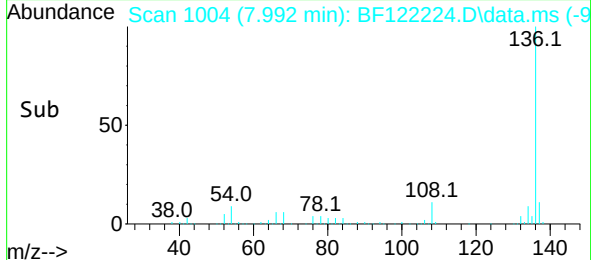
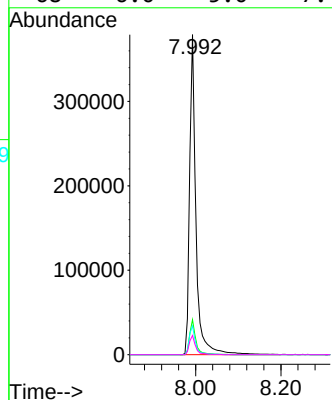
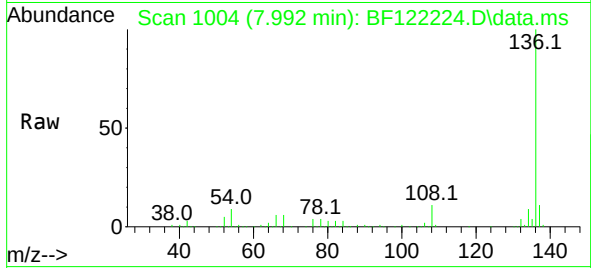


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.992 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF122224.D
Acq: 2 Nov 2020 14:16

Instrument :
BNA_F
ClientSampleId :
PB132772BL

Tgt Ion:136 Resp: 392313

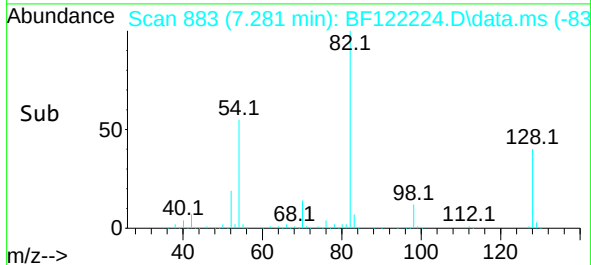
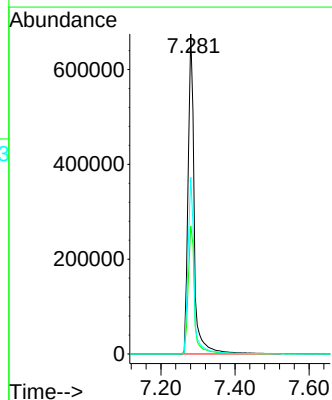
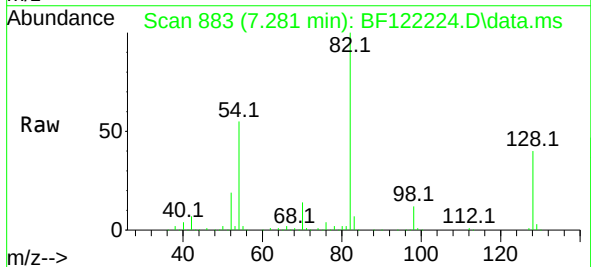
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	9.0	7.1	10.7
68	6.0	5.0	7.4

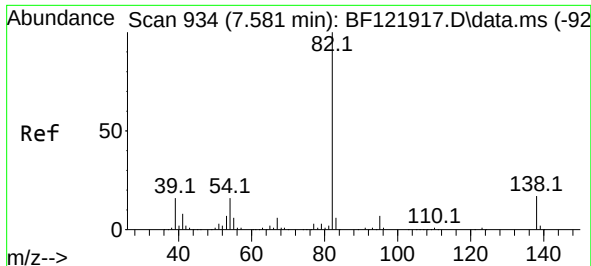


#23
Nitrobenzene-d5
Concen: 101.80 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF122224.D
Acq: 2 Nov 2020 14:16

Tgt Ion: 82 Resp: 778711

Ion	Ratio	Lower	Upper
82	100		
128	40.0	35.0	52.4
54	55.3	43.9	65.9

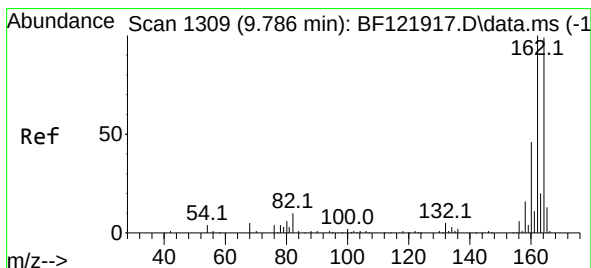
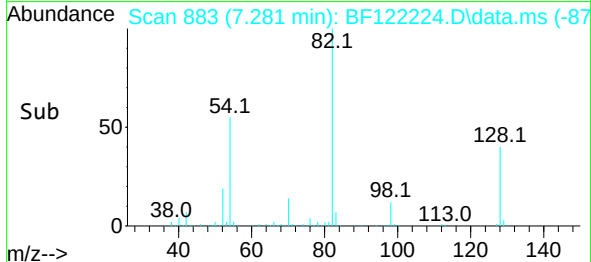
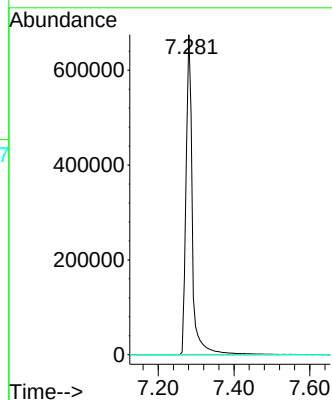
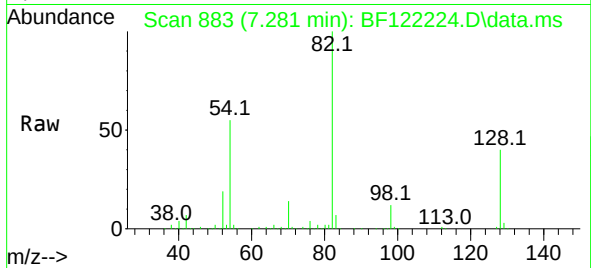




#25
Isophorone
Concen: 53.84 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.265 min
Lab File: BF122224.D
Acq: 2 Nov 2020 14:16

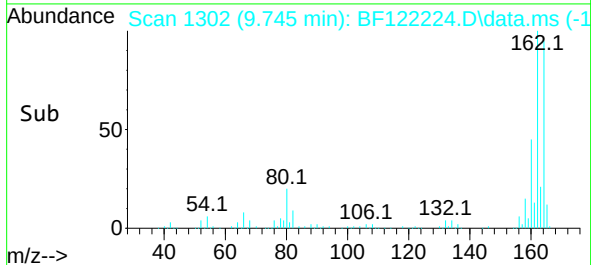
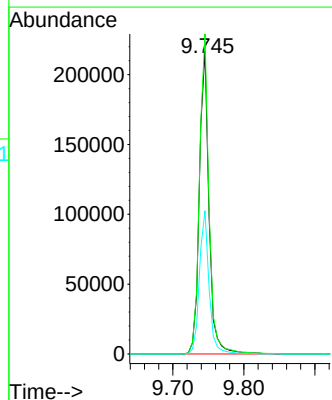
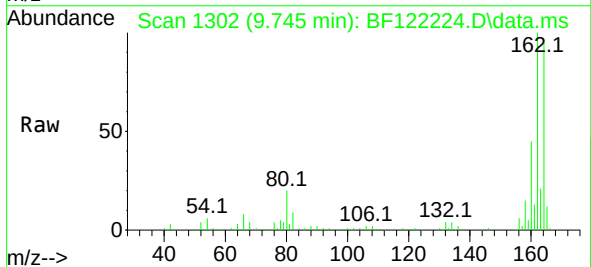
Instrument :
BNA_F
ClientSampleId :
PB132772BL

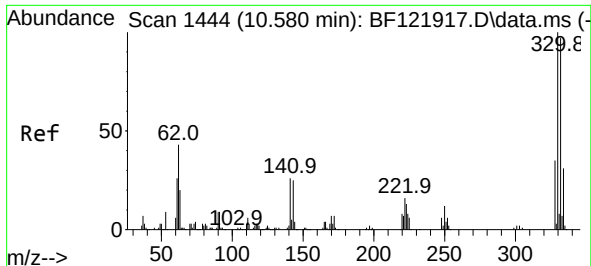
Tgt Ion: 82 Resp: 778756
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF122224.D
Acq: 2 Nov 2020 14:16

Tgt Ion: 164 Resp: 206799
Ion Ratio Lower Upper
164 100
162 105.7 83.2 124.8
160 47.4 37.5 56.3

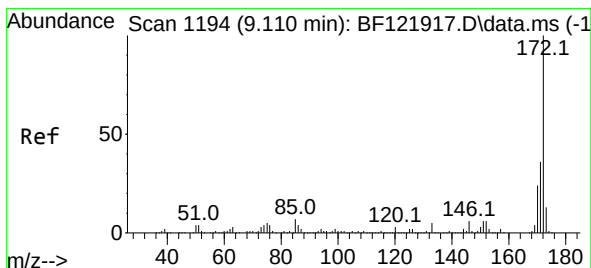
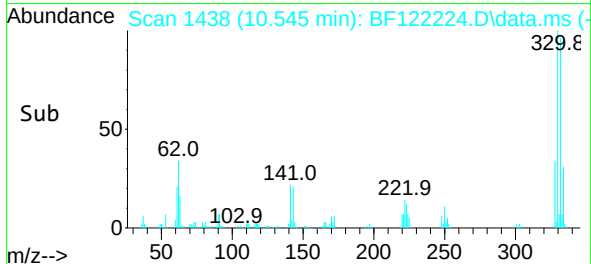
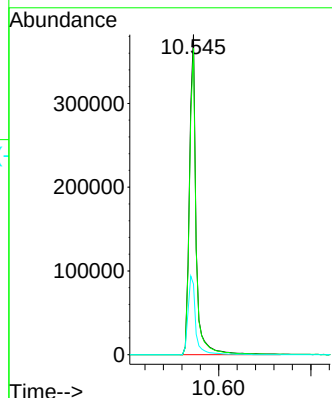
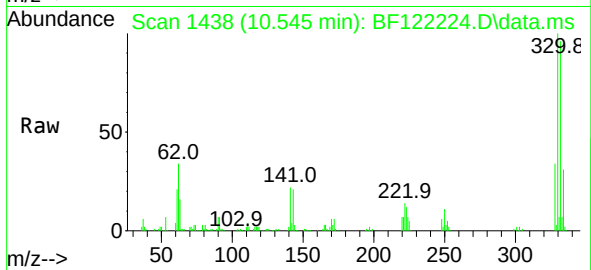




#42
2,4,6-Tribromophenol
Concen: 148.37 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.000 min
Lab File: BF122224.D
Acq: 2 Nov 2020 14:16

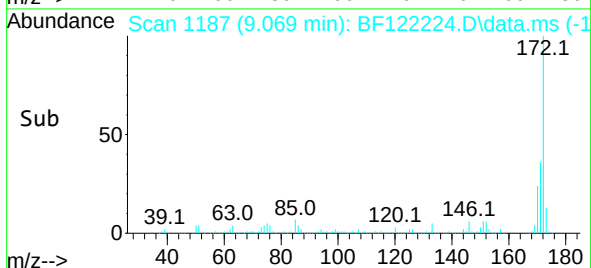
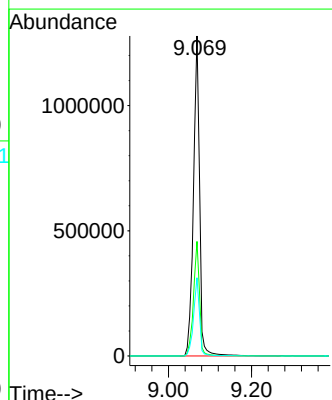
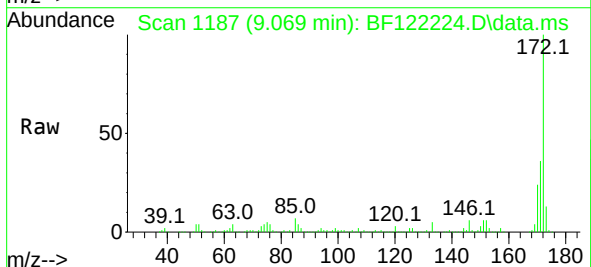
Instrument :
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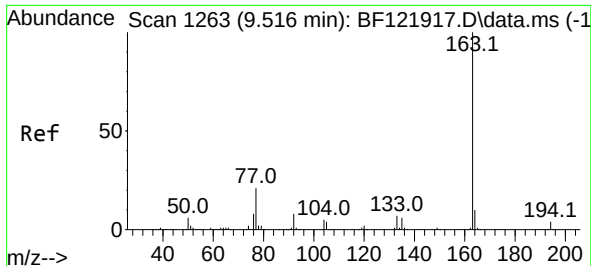
Tgt Ion: 330 Resp: 379542
Ion Ratio Lower Upper
330 100
332 95.5 77.3 115.9
141 28.3 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 93.28 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF122224.D
Acq: 2 Nov 2020 14:16

Tgt Ion: 172 Resp: 1311050
Ion Ratio Lower Upper
172 100
171 35.8 29.1 43.7
170 24.5 19.8 29.6

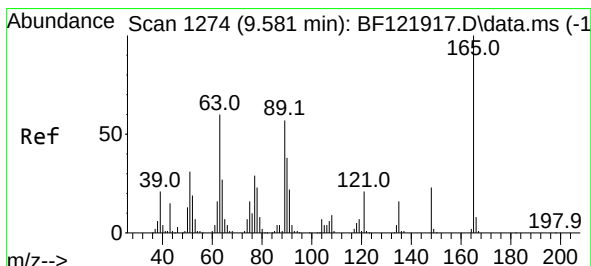
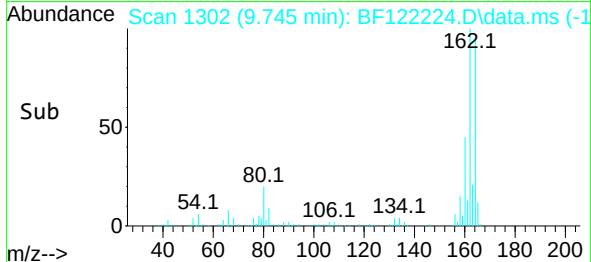
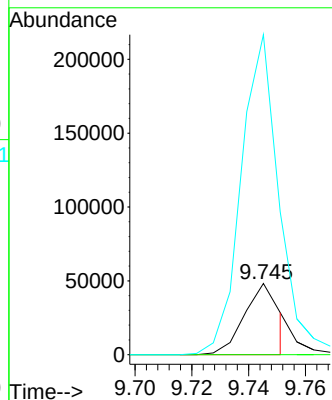
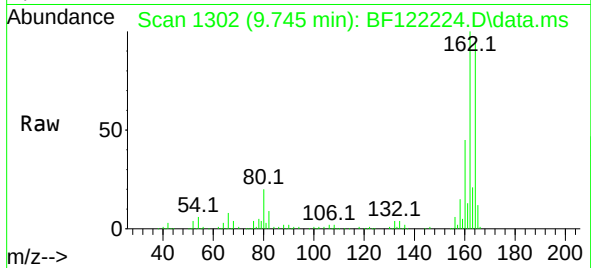




#50
Dimethylphthalate
Concen: 2.72 ng
RT: 9.745 min Scan# 1302
Delta R.T. 0.265 min
Lab File: BF122224.D
Acq: 2 Nov 2020 14:16

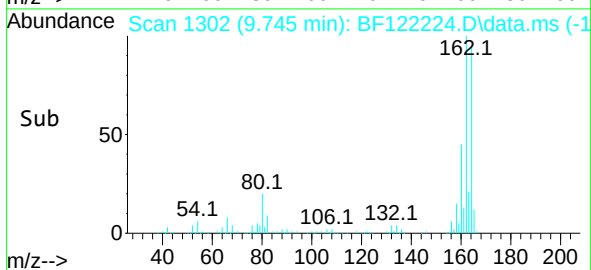
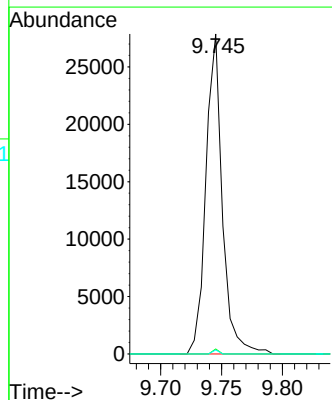
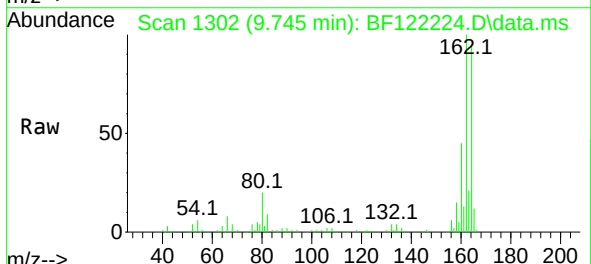
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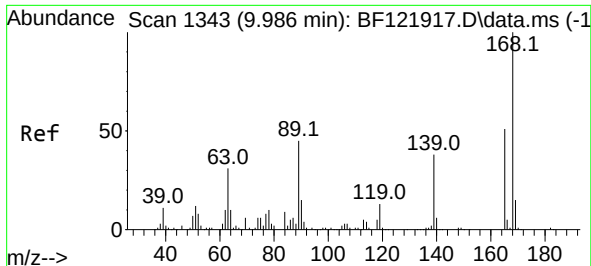
Tgt Ion:163 Resp: 41066
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 449.1 8.2 12.4#



#51
2,6-Dinitrotoluene
Concen: 7.85 ng
RT: 9.745 min Scan# 1302
Delta R.T. 0.194 min
Lab File: BF122224.D
Acq: 2 Nov 2020 14:16

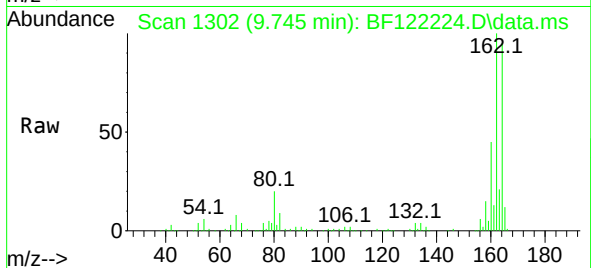
Tgt Ion:165 Resp: 26040
Ion Ratio Lower Upper
165 100
63 1.6 51.8 77.6#
89 1.3 49.0 73.6#



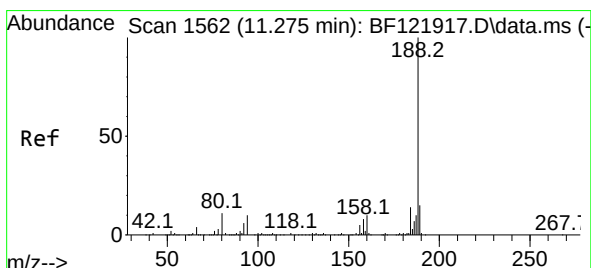
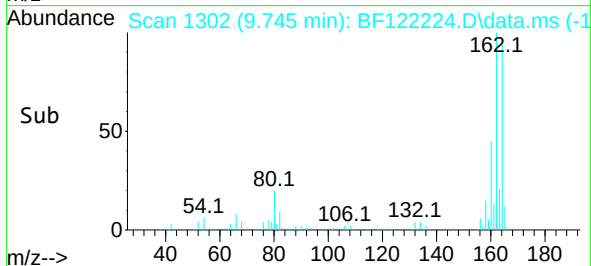
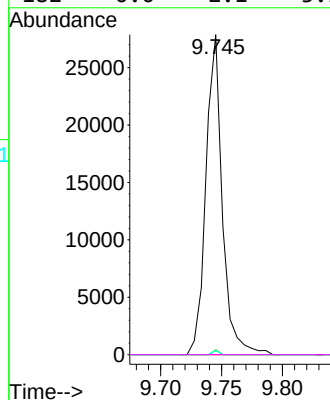


#57
2,4-Dinitrotoluene
Concen: 6.38 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.218 min
Lab File: BF122224.D
Acq: 2 Nov 2020 14:16

Instrument :
BNA_F
ClientSampleId :
PB132772BL

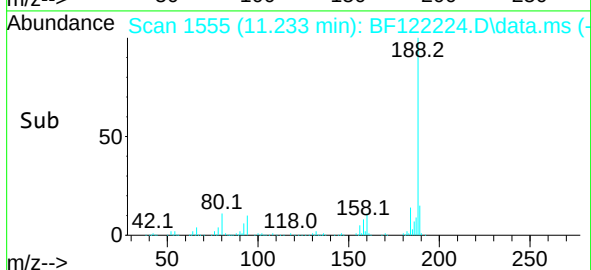
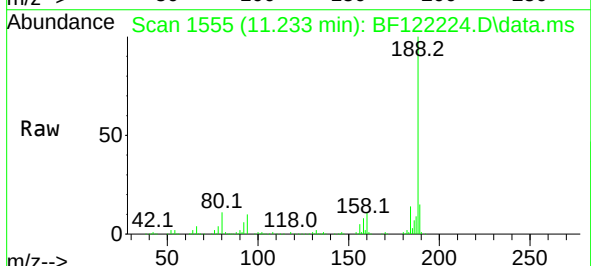
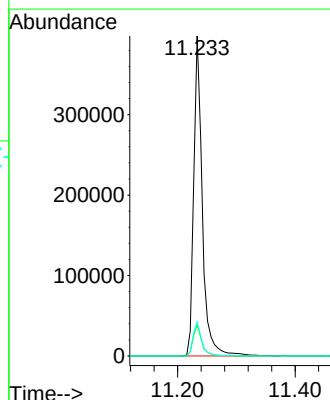


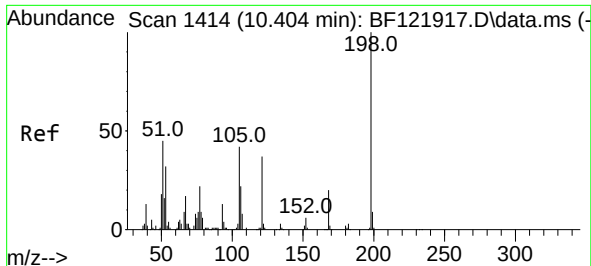
Tgt Ion:165 Resp: 26040
Ion Ratio Lower Upper
165 100
63 1.6 41.3 61.9#
89 1.3 61.8 92.8#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.233 min Scan# 1555
Delta R.T. -0.000 min
Lab File: BF122224.D
Acq: 2 Nov 2020 14:16

Tgt Ion:188 Resp: 405931
Ion Ratio Lower Upper
188 100
94 9.6 8.3 12.5
80 10.6 9.1 13.7

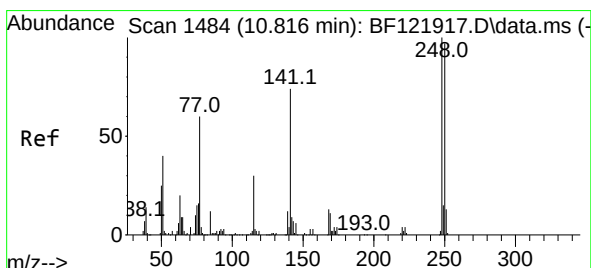
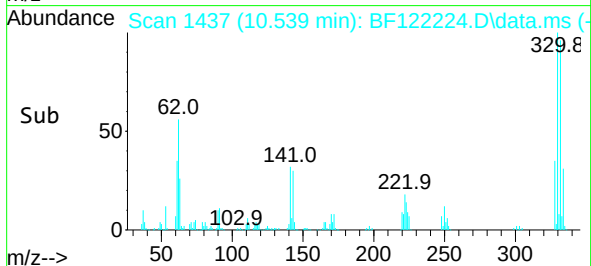
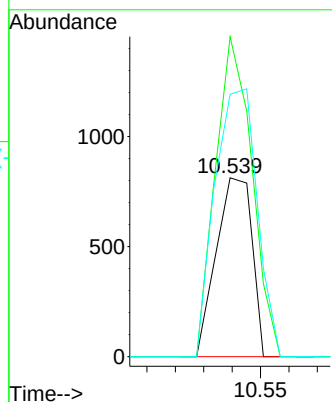
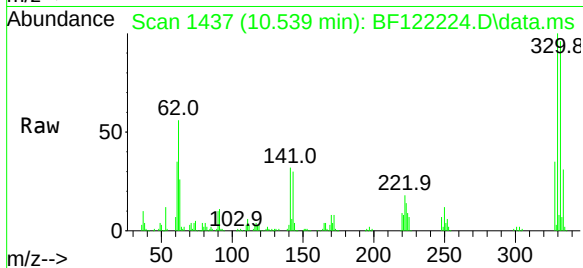




#65
4,6-Dinitro-2-methylphenol
Concen: 4.67 ng
RT: 10.539 min Scan# 1437
Delta R.T. 0.165 min
Lab File: BF122224.D
Acq: 2 Nov 2020 14:16

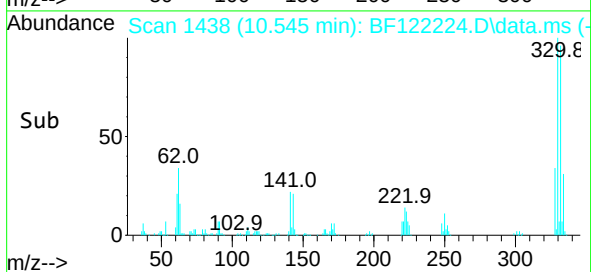
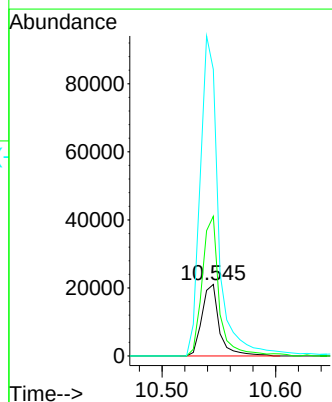
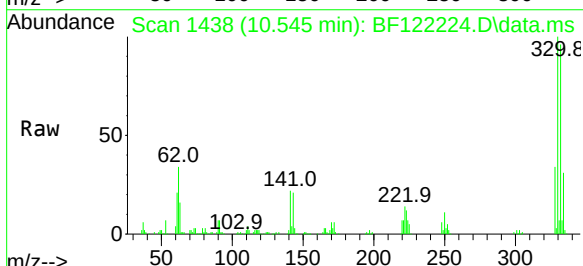
Instrument :
BNA_F
ClientSampleId :
PB132772BL

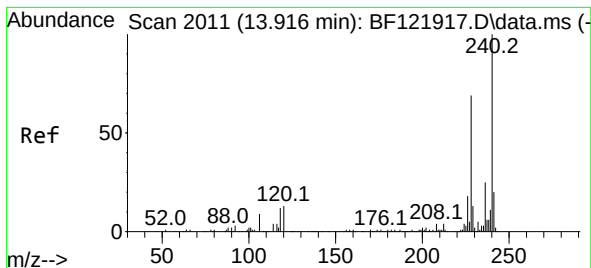
Tgt Ion:198 Resp: 710
Ion Ratio Lower Upper
198 100
51 178.8 29.6 69.6#
105 146.6 24.4 64.4#



#67
4-Bromophenyl-phenylether
Concen: 4.79 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.229 min
Lab File: BF122224.D
Acq: 2 Nov 2020 14:16

Tgt Ion:248 Resp: 22456
Ion Ratio Lower Upper
248 100
250 195.4 77.0 115.6#
141 400.9 53.7 80.5#

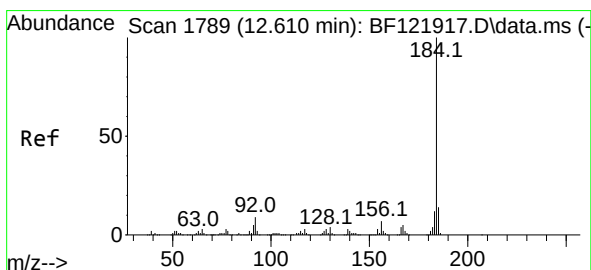
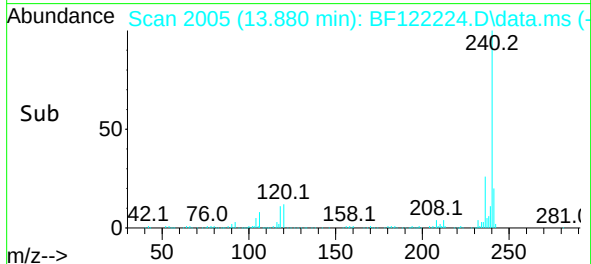
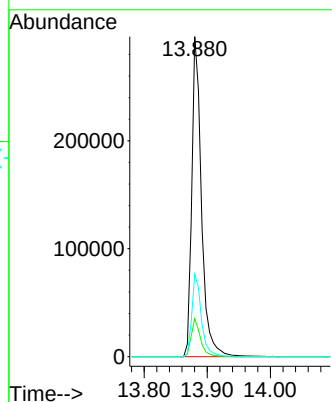
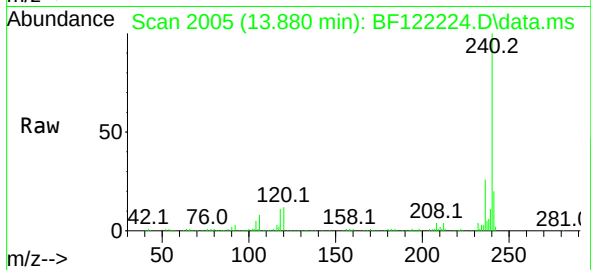




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BF122224.D
Acq: 2 Nov 2020 14:16

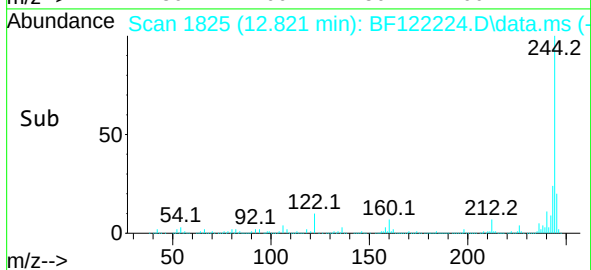
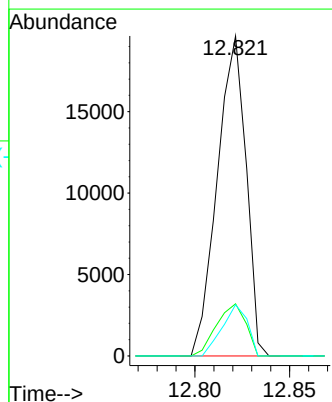
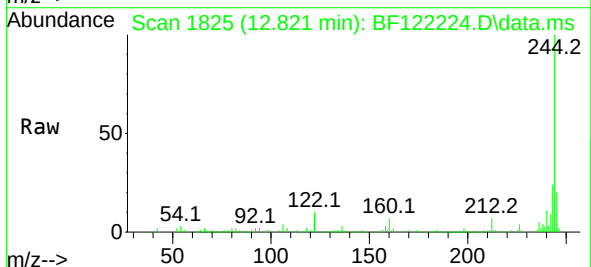
Instrument :
BNA_F
ClientSampleId :
PB132772BL

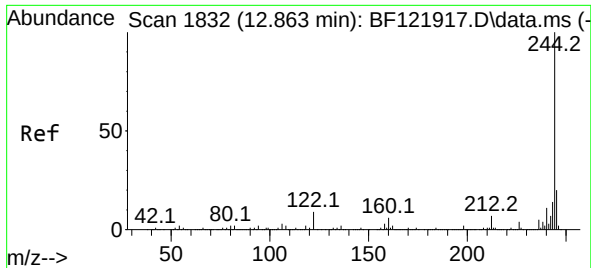
Tgt Ion:240 Resp: 318155
Ion Ratio Lower Upper
240 100
120 11.9 9.2 13.8
236 25.8 20.9 31.3



#77
Benzidine
Concen: 2.11 ng
RT: 12.821 min Scan# 1825
Delta R.T. 0.247 min
Lab File: BF122224.D
Acq: 2 Nov 2020 14:16

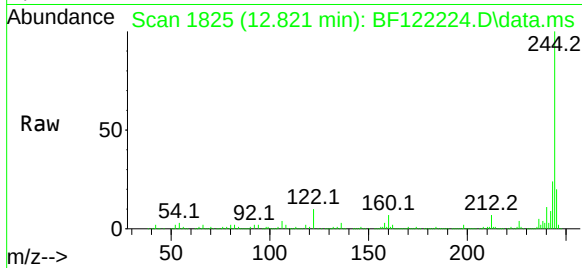
Tgt Ion:184 Resp: 20678
Ion Ratio Lower Upper
184 100
185 16.3 11.6 17.4
183 16.0 9.4 14.0#



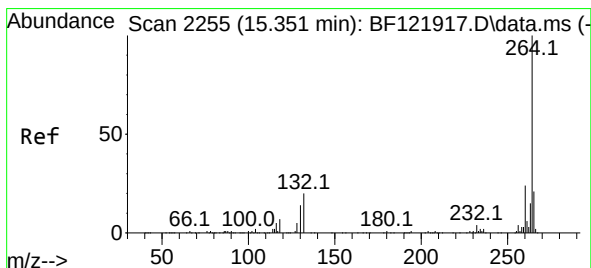
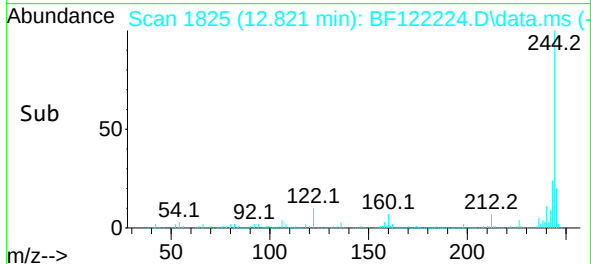
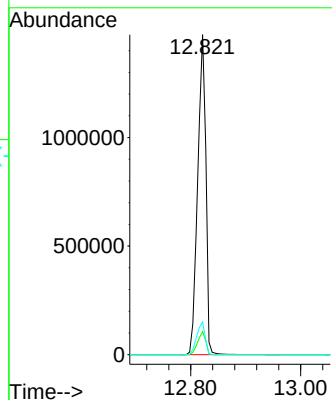


#79
 Terphenyl-d14
 Concen: 90.86 ng
 RT: 12.821 min Scan# 1825
 Delta R.T. 0.006 min
 Lab File: BF122224.D
 Acq: 2 Nov 2020 14:16

Instrument :
 BNA_F
 ClientSampleId :
 PB132772BL



Tgt Ion:244 Resp: 1516880
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.2
 122 10.3 8.1 12.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.321 min Scan# 2250
 Delta R.T. 0.018 min
 Lab File: BF122224.D
 Acq: 2 Nov 2020 14:16

Tgt Ion:264 Resp: 255774
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.7 28.1
 265 22.3 17.3 25.9

