

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101620\
 Data File : BF122020.D
 Acq On : 16 Oct 2020 19:54
 Operator : JU/CG
 Sample : L4418-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB-2020-WS-000-02

Quant Time: Oct 17 00:00:19 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 15 12:55:05 2020
 Response via : Initial Calibration

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

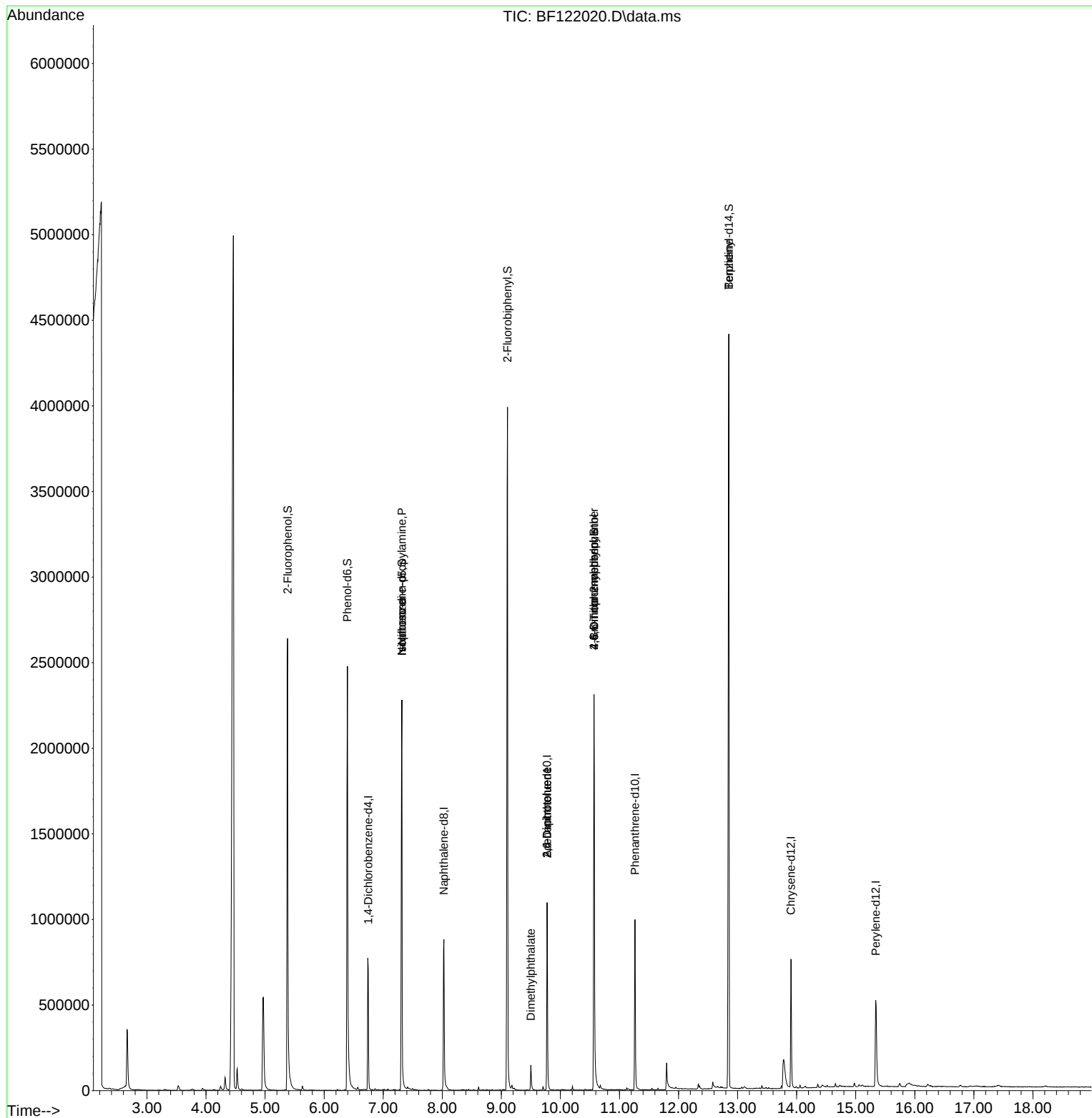
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	116627	20.00	ng	0.00
21) Naphthalene-d8	8.028	136	459578	20.00	ng	0.00
39) Acenaphthene-d10	9.775	164	228374	20.00	ng	0.00
64) Phenanthrene-d10	11.263	188	395448	20.00	ng	0.00
76) Chrysene-d12	13.904	240	275102	20.00	ng	0.00
86) Perylene-d12	15.339	264	277329	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	836792	105.90	ng	0.02
7) Phenol-d6	6.393	99	946907	93.09	ng	0.00
23) Nitrobenzene-d5	7.316	82	827287	92.32	ng	0.00
42) 2,4,6-Tribromophenol	10.569	330	357976	126.72	ng	0.00
45) 2-Fluorobiphenyl	9.104	172	1420311	91.51	ng	0.00
79) Terphenyl-d14	12.851	244	1514185	104.89	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.346	77	400	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.316	70	112416	19.41	ng	# 78
25) Isophorone	7.316	82	827282	48.82	ng	# 67
50) Dimethylphthalate	9.498	163	68809	4.12	ng	99
51) 2,6-Dinitrotoluene	9.775	165	28309	7.73	ng	# 20
57) 2,4-Dinitrotoluene	9.775	165	28309	6.28	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.569	198	597	4.64	ng	# 1
67) 4-Bromophenyl-phenylether	10.569	248	20450	4.48	ng	# 1
77) Benzidine	12.851	184	19800	2.33	ng	# 89

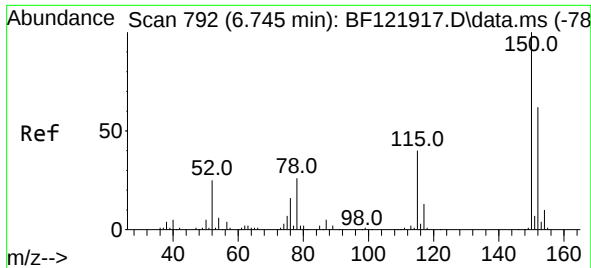
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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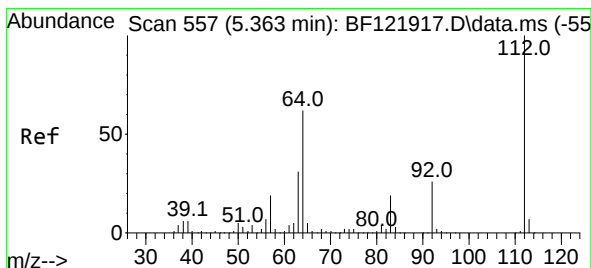
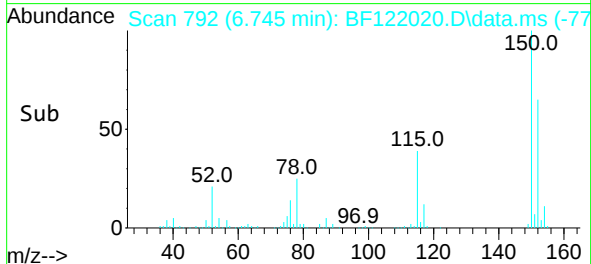
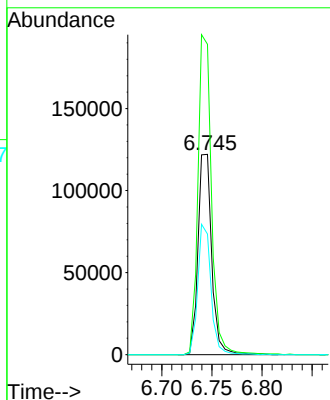
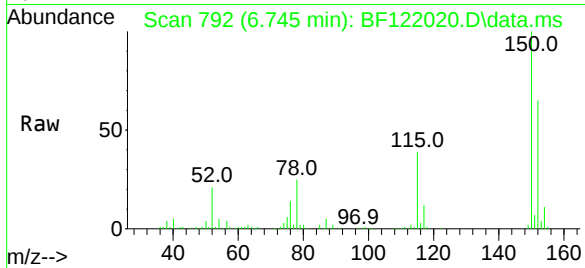




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.745 min Scan# 792
Delta R.T. 0.000 min
Lab File: BF122020.D
Acq: 16 Oct 2020 19:54

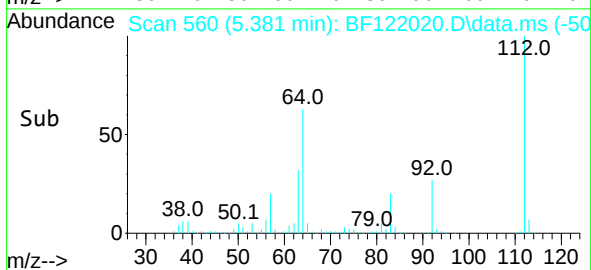
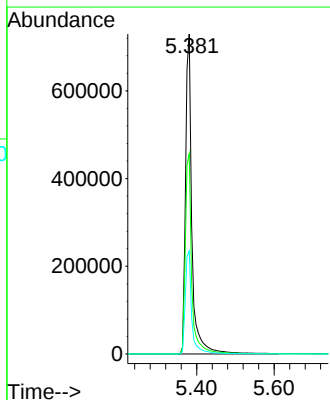
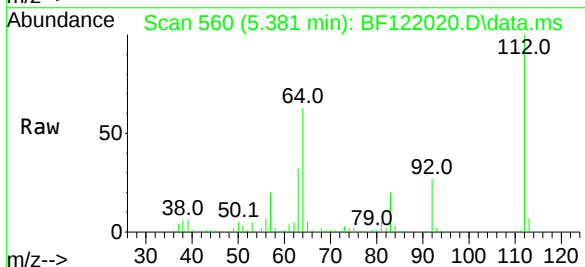
Instrument :
BNA_F
ClientSampleId :
PB-2020-WS-000-02

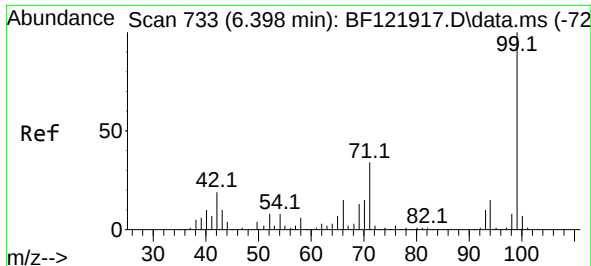
Tgt Ion:152 Resp: 116627
Ion Ratio Lower Upper
152 100
150 155.0 125.3 187.9
115 60.2 51.9 77.9



#5
2-Fluorophenol
Concen: 105.90 ng
RT: 5.381 min Scan# 560
Delta R.T. 0.018 min
Lab File: BF122020.D
Acq: 16 Oct 2020 19:54

Tgt Ion:112 Resp: 836792
Ion Ratio Lower Upper
112 100
64 62.6 50.4 75.6
63 32.1 25.8 38.6

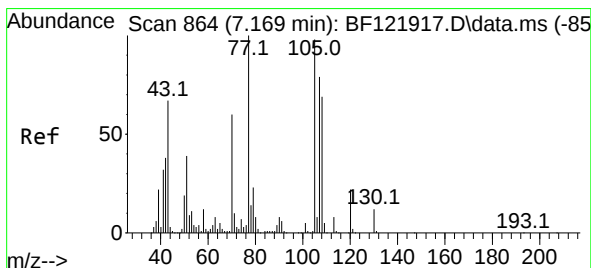
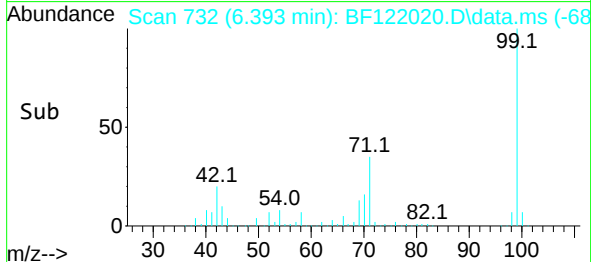
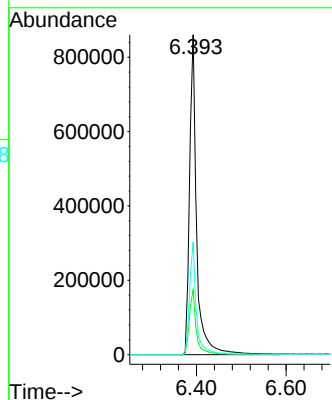
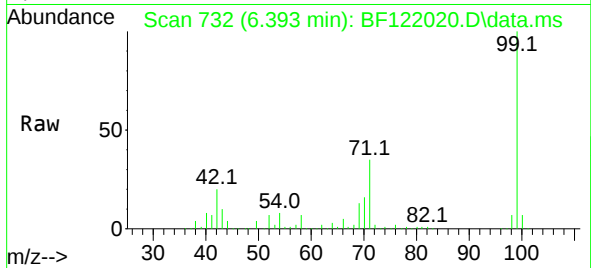




#7
Phenol-d6
Concen: 93.09 ng
RT: 6.393 min Scan# 732
Delta R.T. 0.000 min
Lab File: BF122020.D
Acq: 16 Oct 2020 19:54

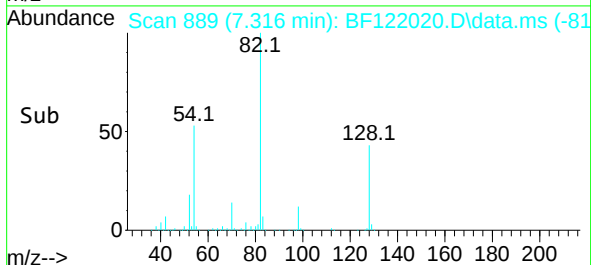
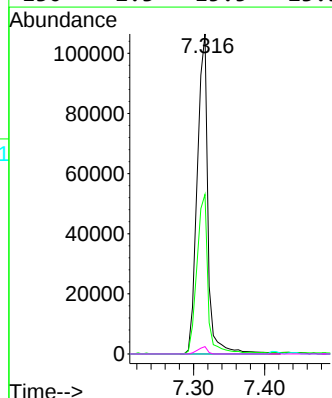
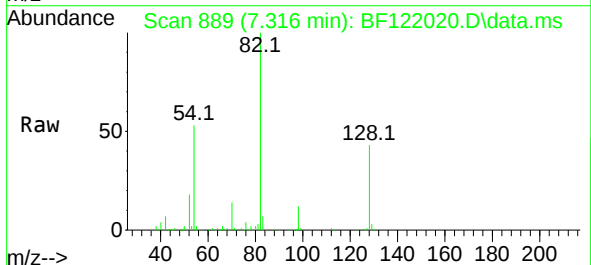
Instrument :
BNA_F
ClientSampleId :
PB-2020-WS-000-02

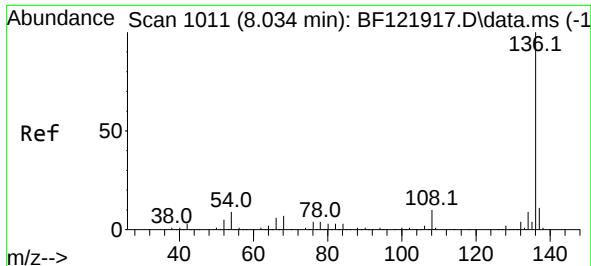
Tgt Ion: 99 Resp: 946907
Ion Ratio Lower Upper
99 100
42 20.3 15.9 23.9
71 35.2 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 19.41 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.153 min
Lab File: BF122020.D
Acq: 16 Oct 2020 19:54

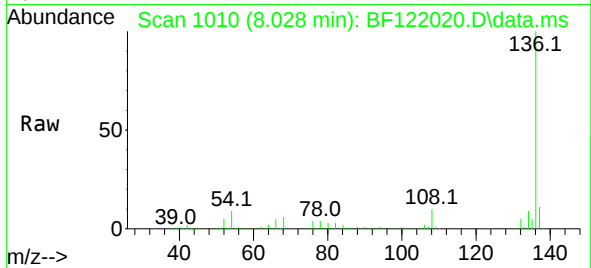
Tgt Ion: 70 Resp: 112416
Ion Ratio Lower Upper
70 100
42 49.9 50.2 75.4#
101 0.0 7.5 11.3#
130 2.3 15.5 23.3#



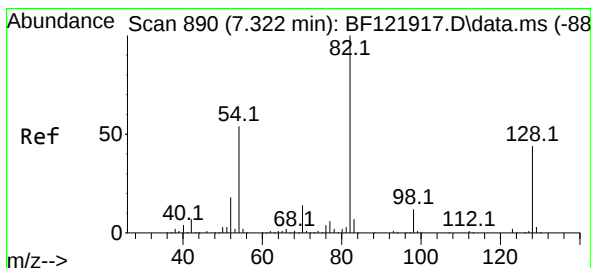
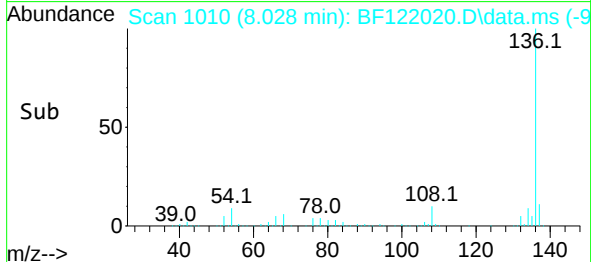
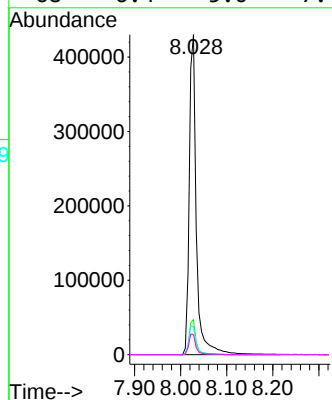


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.028 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BF122020.D
Acq: 16 Oct 2020 19:54

Instrument :
BNA_F
ClientSampleId :
PB-2020-WS-000-02

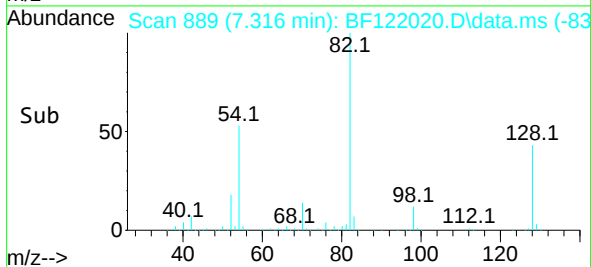
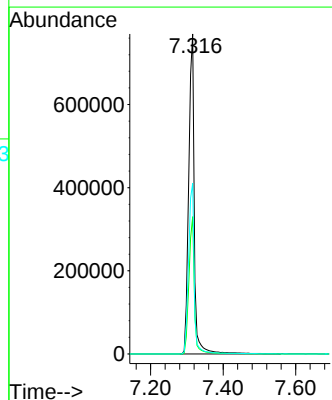
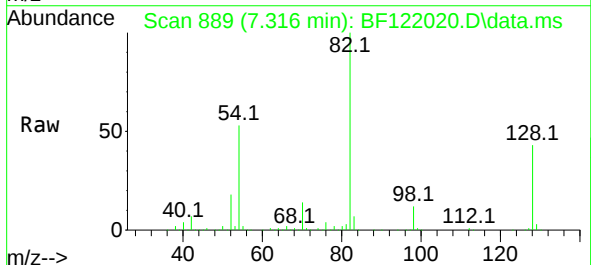


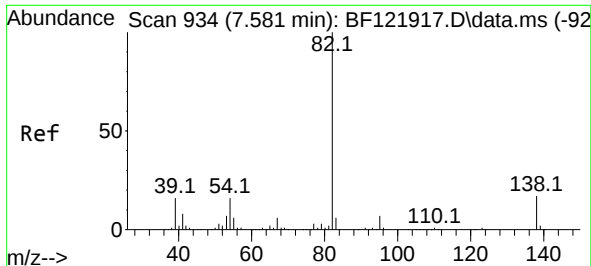
Tgt Ion:136 Resp: 459578
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.9 7.1 10.7
68 6.4 5.0 7.4



#23
Nitrobenzene-d5
Concen: 92.32 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.000 min
Lab File: BF122020.D
Acq: 16 Oct 2020 19:54

Tgt Ion: 82 Resp: 827287
Ion Ratio Lower Upper
82 100
128 42.9 35.0 52.4
54 53.4 43.9 65.9

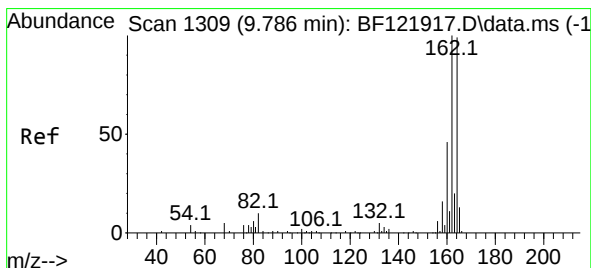
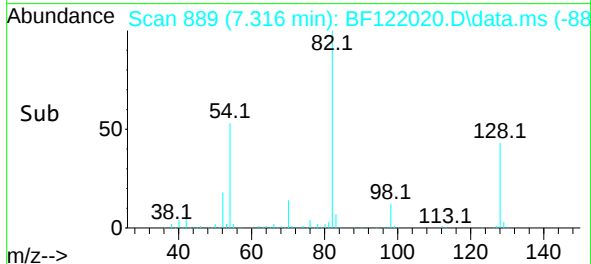
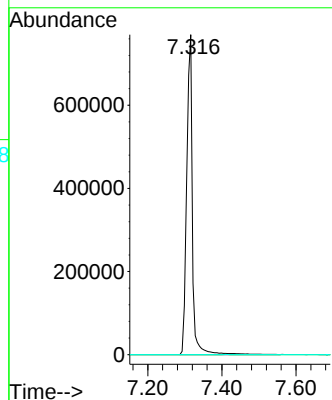
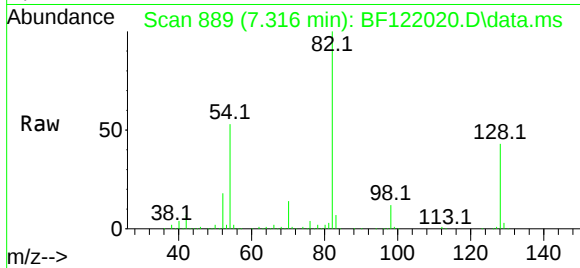




#25
Isophorone
Concen: 48.82 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.259 min
Lab File: BF122020.D
Acq: 16 Oct 2020 19:54

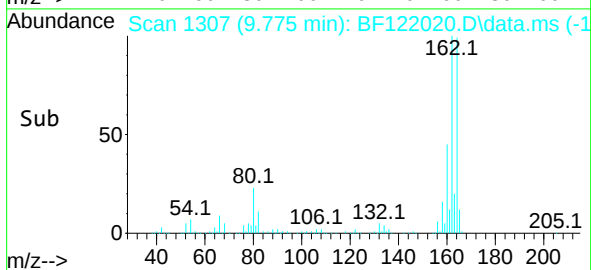
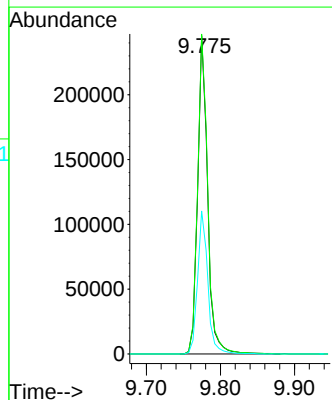
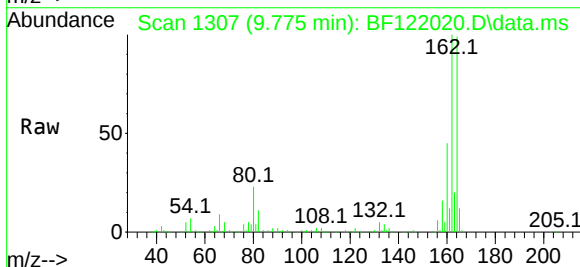
Instrument :
BNA_F
ClientSampleId :
PB-2020-WS-000-02

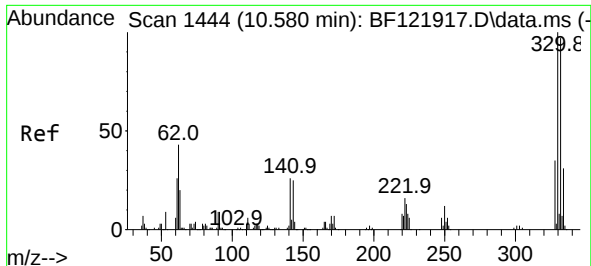
Tgt Ion: 82 Resp: 827282
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.006 min
Lab File: BF122020.D
Acq: 16 Oct 2020 19:54

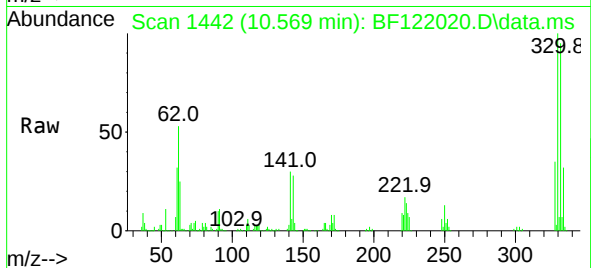
Tgt Ion:164 Resp: 228374
Ion Ratio Lower Upper
164 100
162 100.6 83.2 124.8
160 45.0 37.5 56.3



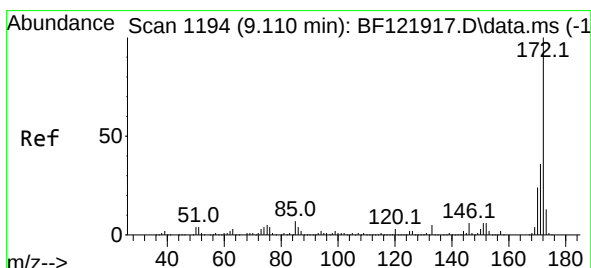
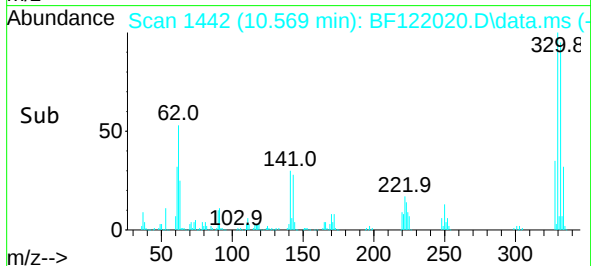
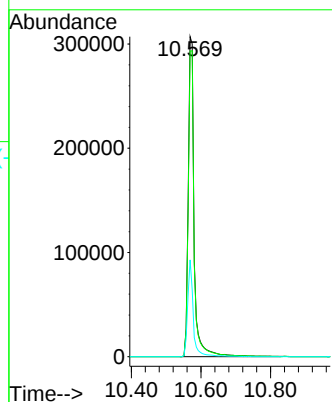


#42
2,4,6-Tribromophenol
Concen: 126.72 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.006 min
Lab File: BF122020.D
Acq: 16 Oct 2020 19:54

Instrument :
BNA_F
ClientSampleId :
PB-2020-WS-000-02

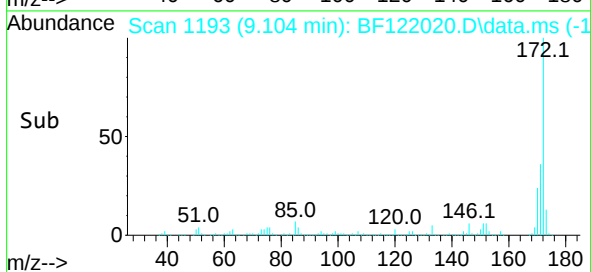
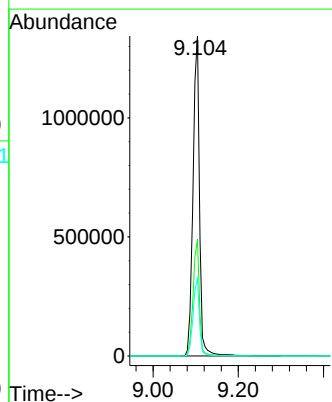
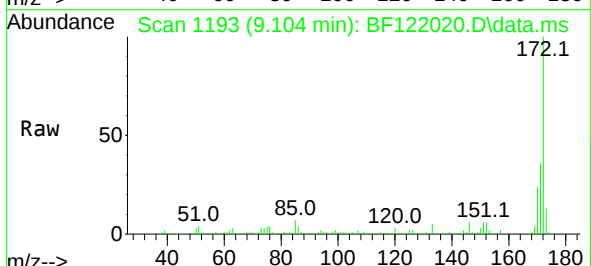


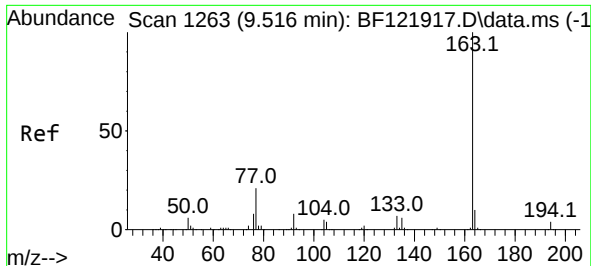
Tgt Ion: 330 Resp: 357976
Ion Ratio Lower Upper
330 100
332 95.8 77.3 115.9
141 28.8 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 91.51 ng
RT: 9.104 min Scan# 1193
Delta R.T. 0.000 min
Lab File: BF122020.D
Acq: 16 Oct 2020 19:54

Tgt Ion: 172 Resp: 1420311
Ion Ratio Lower Upper
172 100
171 36.4 29.1 43.7
170 24.3 19.8 29.6

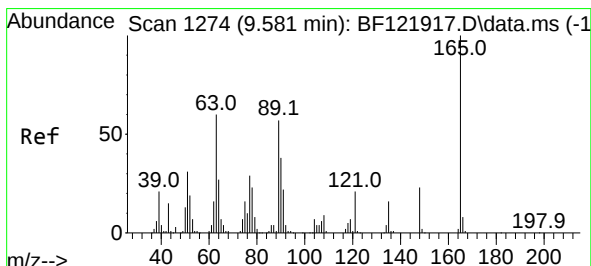
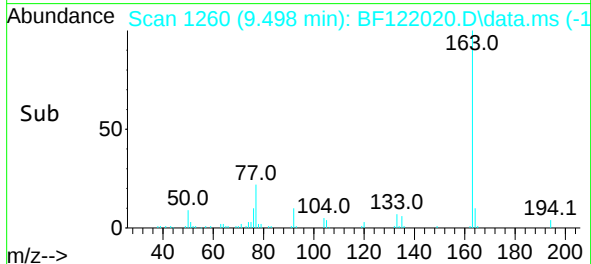
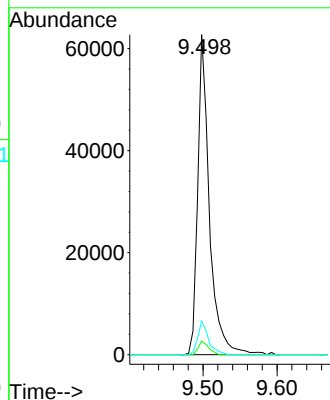
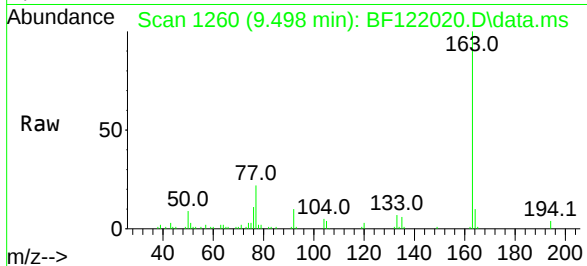




#50
Dimethylphthalate
Concen: 4.12 ng
RT: 9.498 min Scan# 1260
Delta R.T. -0.006 min
Lab File: BF122020.D
Acq: 16 Oct 2020 19:54

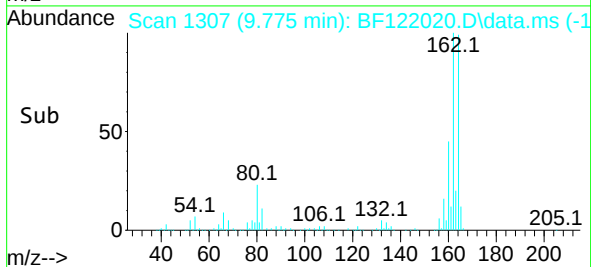
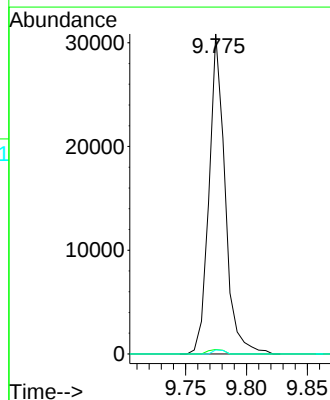
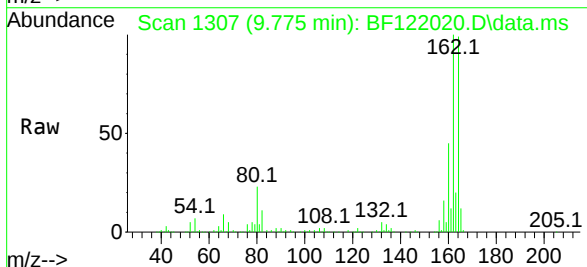
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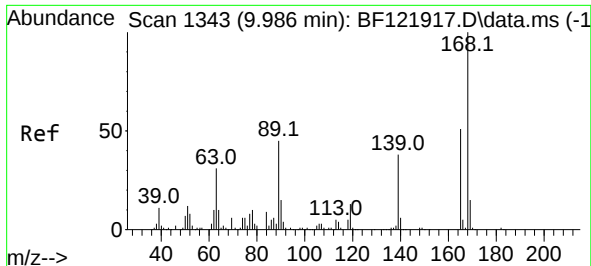
Tgt Ion:163 Resp: 68809
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 10.5 8.2 12.4



#51
2,6-Dinitrotoluene
Concen: 7.73 ng
RT: 9.775 min Scan# 1307
Delta R.T. 0.200 min
Lab File: BF122020.D
Acq: 16 Oct 2020 19:54

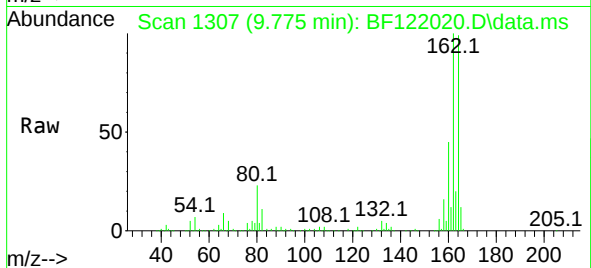
Tgt Ion:165 Resp: 28309
Ion Ratio Lower Upper
165 100
63 1.4 51.8 77.6#
89 1.2 49.0 73.6#



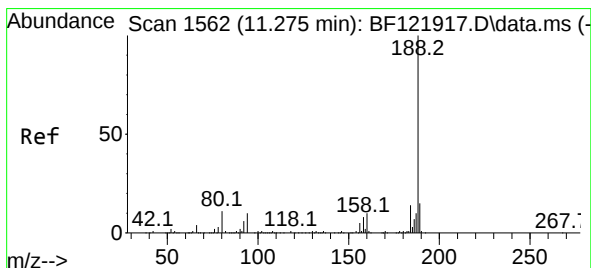
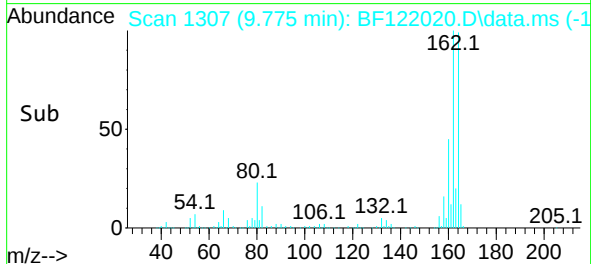
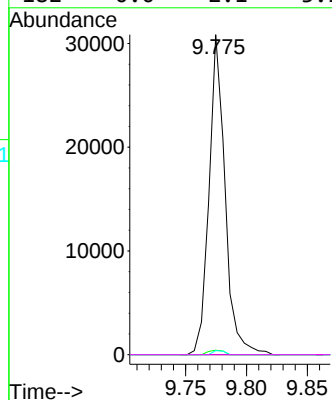


#57
2,4-Dinitrotoluene
Concen: 6.28 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.212 min
Lab File: BF122020.D
Acq: 16 Oct 2020 19:54

Instrument :
BNA_F
ClientSampleId :
PB-2020-WS-000-02

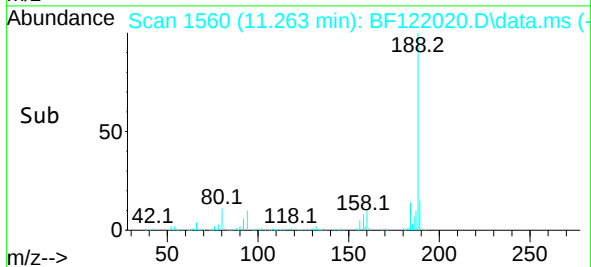
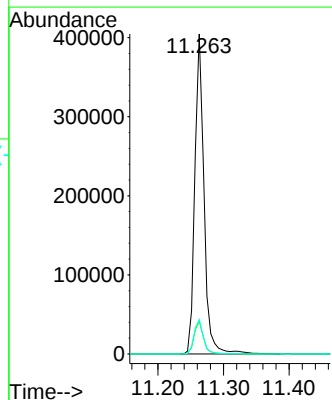
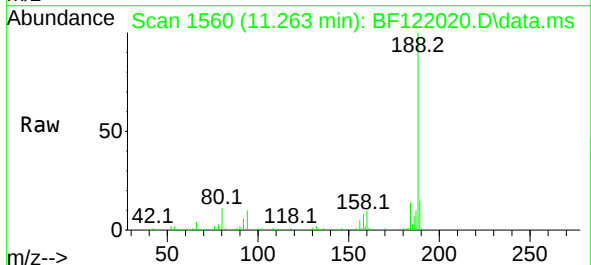


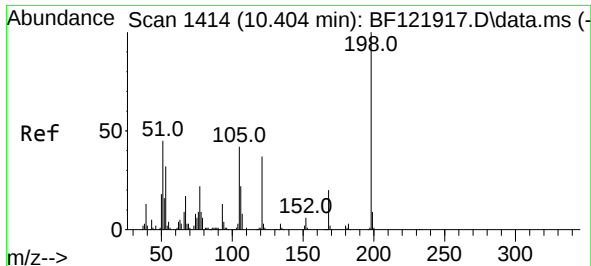
Tgt Ion:165 Resp: 28309
Ion Ratio Lower Upper
165 100
63 1.4 41.3 61.9#
89 1.2 61.8 92.8#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.263 min Scan# 1560
Delta R.T. 0.000 min
Lab File: BF122020.D
Acq: 16 Oct 2020 19:54

Tgt Ion:188 Resp: 395448
Ion Ratio Lower Upper
188 100
94 10.2 8.3 12.5
80 10.8 9.1 13.7

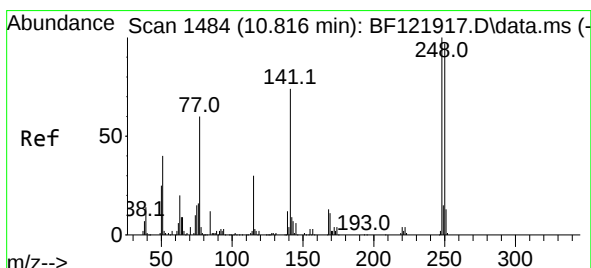
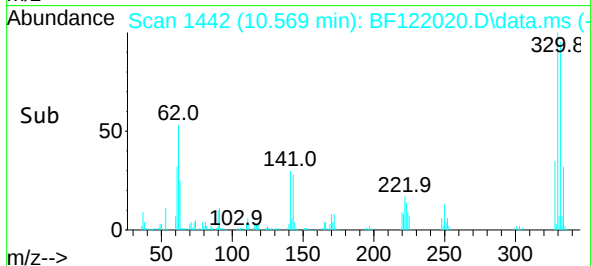
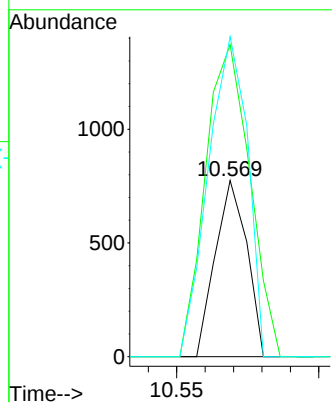
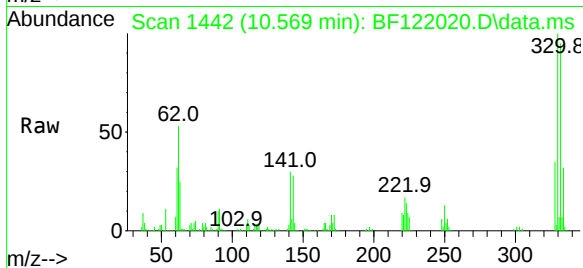




#65
4,6-Dinitro-2-methylphenol
Concen: 4.64 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.171 min
Lab File: BF122020.D
Acq: 16 Oct 2020 19:54

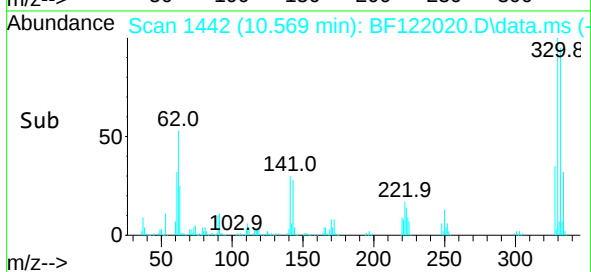
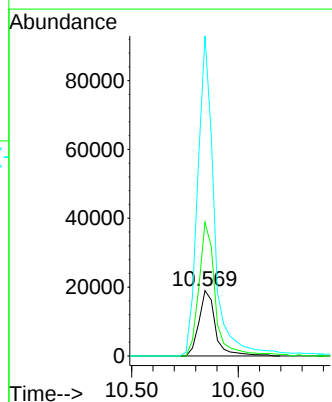
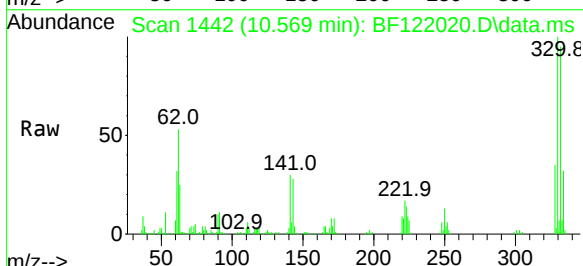
Instrument :
BNA_F
ClientSampleId :
PB-2020-WS-000-02

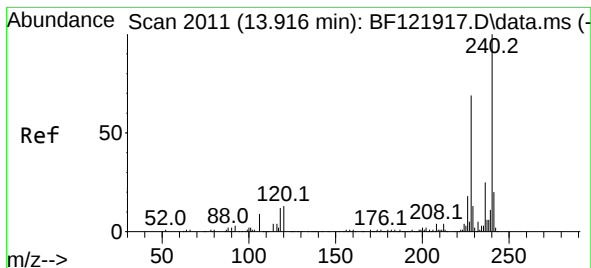
Tgt Ion:198 Resp: 597
Ion Ratio Lower Upper
198 100
51 177.0 29.6 69.6#
105 181.5 24.4 64.4#



#67
4-Bromophenyl-phenylether
Concen: 4.48 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.241 min
Lab File: BF122020.D
Acq: 16 Oct 2020 19:54

Tgt Ion:248 Resp: 20450
Ion Ratio Lower Upper
248 100
250 204.6 77.0 115.6#
141 489.8 53.7 80.5#

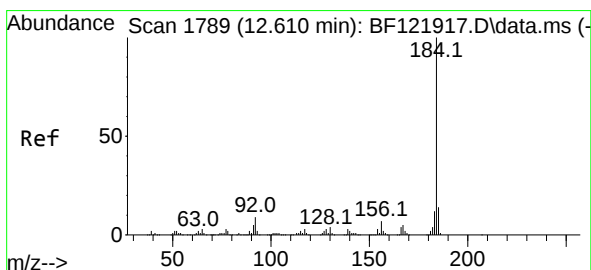
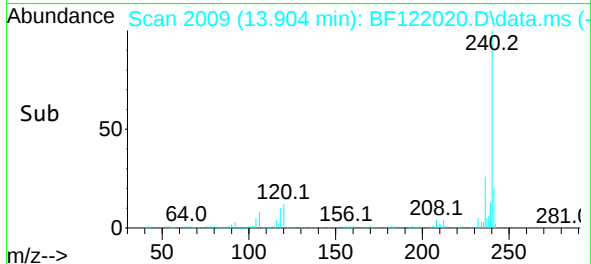
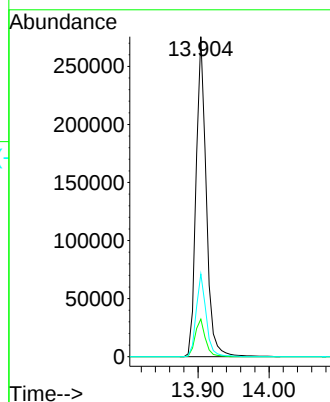
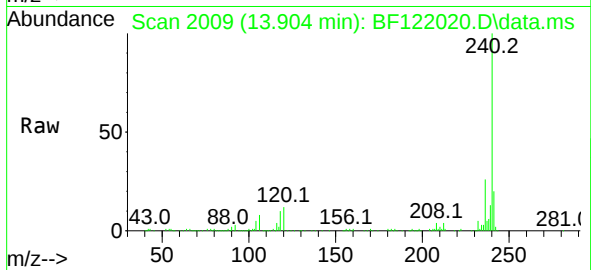




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.904 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BF122020.D
Acq: 16 Oct 2020 19:54

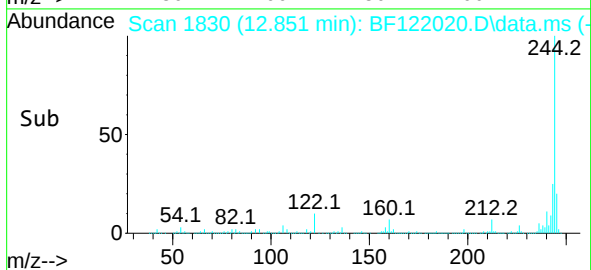
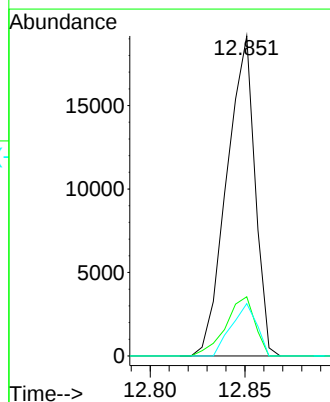
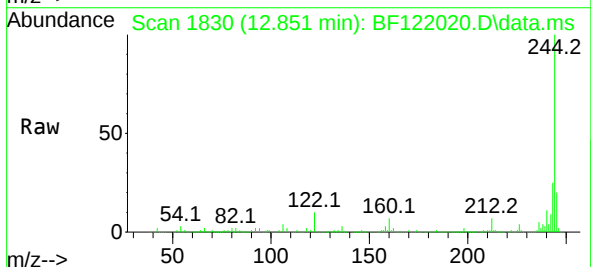
Instrument :
BNA_F
ClientSampleId :
PB-2020-WS-000-02

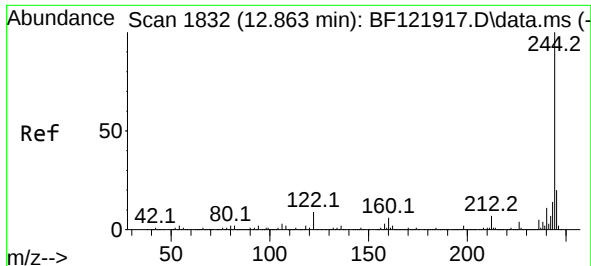
Tgt Ion:240 Resp: 275102
Ion Ratio Lower Upper
240 100
120 11.8 9.2 13.8
236 25.9 20.9 31.3



#77
Benzidine
Concen: 2.33 ng
RT: 12.851 min Scan# 1830
Delta R.T. 0.247 min
Lab File: BF122020.D
Acq: 16 Oct 2020 19:54

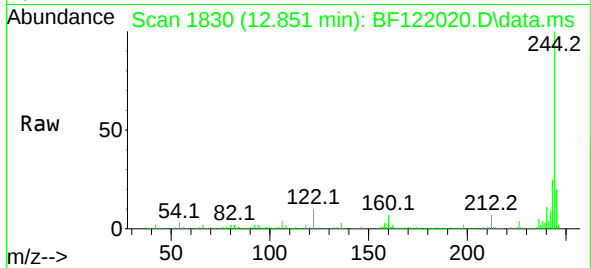
Tgt Ion:184 Resp: 19800
Ion Ratio Lower Upper
184 100
185 18.5 11.6 17.4#
183 16.4 9.4 14.0#



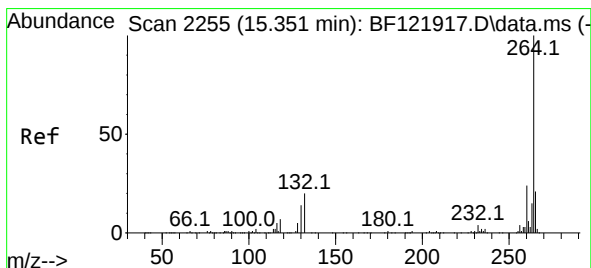
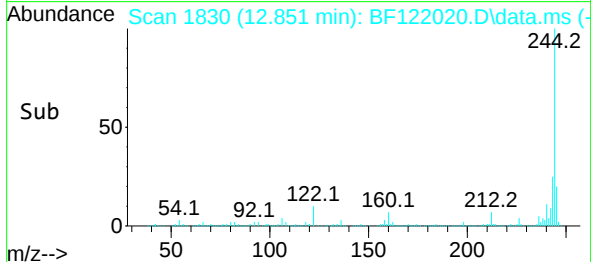
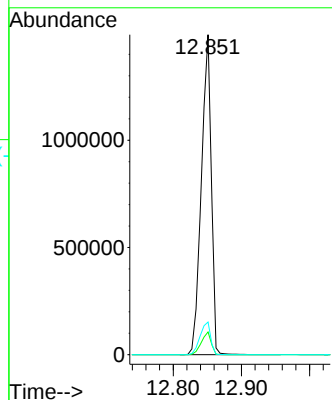


#79
 Terphenyl-d14
 Concen: 104.89 ng
 RT: 12.851 min Scan# 1830
 Delta R.T. 0.000 min
 Lab File: BF122020.D
 Acq: 16 Oct 2020 19:54

Instrument :
 BNA_F
 ClientSampleId :
 PB-2020-WS-000-02



Tgt Ion:244 Resp: 1514185
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.2
 122 10.2 8.1 12.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.339 min Scan# 2253
 Delta R.T. 0.000 min
 Lab File: BF122020.D
 Acq: 16 Oct 2020 19:54

Tgt Ion:264 Resp: 277329
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.7 28.1
 265 21.8 17.3 25.9

