

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103020\
 Data File : BF122188.D
 Acq On : 30 Oct 2020 19:15
 Operator : JU/CG
 Sample : L4554-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-3

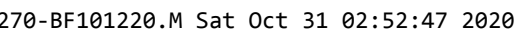
Quant Time: Oct 31 02:52:36 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 30 10:16:54 2020
 Response via : Initial Calibration

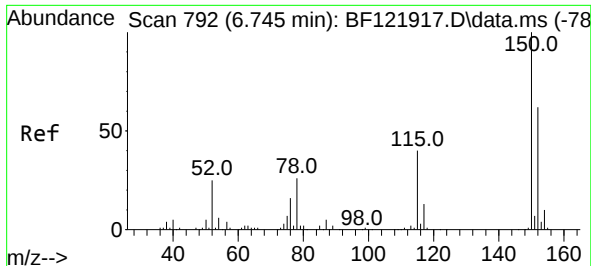
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.710	152	95313	20.00	ng	0.00
21) Naphthalene-d8	7.992	136	384916	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	198286	20.00	ng	0.00
64) Phenanthrene-d10	11.233	188	369580	20.00	ng	0.00
76) Chrysene-d12	13.880	240	271962	20.00	ng	0.00
86) Perylene-d12	15.321	264	214005	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	358032	55.44	ng	0.01
7) Phenol-d6	6.375	99	270010	32.48	ng	0.00
23) Nitrobenzene-d5	7.281	82	671977	89.53	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	330316	134.67	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	1097929	81.47	ng	0.00
79) Terphenyl-d14	12.822	244	1152261	80.74	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.387	77	1025	Below Cal	#	66
10) Phenol	6.393	94	45185	5.27	ng	93
18) Hexachloroethane	7.240	117	22258	8.36	ng	# 41
19) n-Nitroso-di-n-propyla...	7.281	70	91344	19.30	ng	# 79
25) Isophorone	7.281	82	671977	47.35	ng	# 67
37) 2-Methylnaphthalene	8.804	142	95865	7.18	ng	92
38) 1-Methylnaphthalene	8.804	142	95865	7.75	ng	# 98
50) Dimethylphthalate	9.469	163	111734	7.71	ng	100
52) Acenaphthene	9.781	154	24753	2.16	ng	95
54) 2,4-Dinitrophenol	9.898	184	252	8.83	ng	# 1
55) Dibenzofuran	9.957	168	35309	2.11	ng	# 96
58) Fluorene	10.298	166	62746	4.65	ng	99
65) 4,6-Dinitro-2-methylph...	10.363	198	121	4.48	ng	# 1
67) 4-Bromophenyl-phenylether	10.545	248	18674	4.37	ng	# 1
77) Benzidine	12.822	184	16887	2.01	ng	# 84

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

Quant Time: Oct 31 02:52:36 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

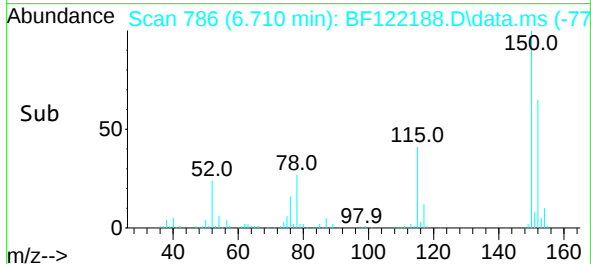
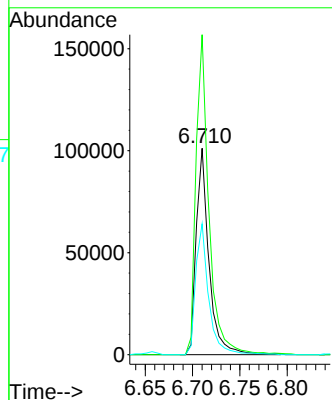
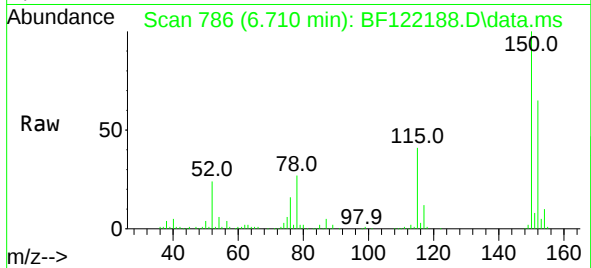




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.710 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF122188.D
Acq: 30 Oct 2020 19:15

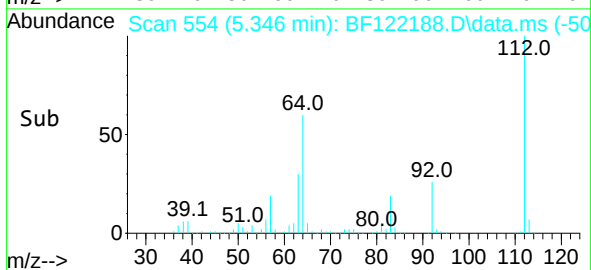
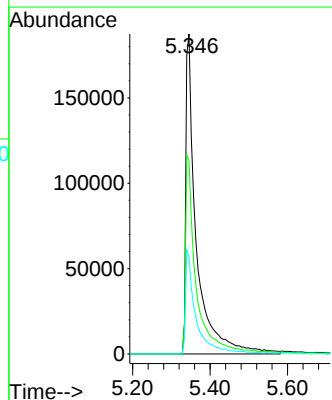
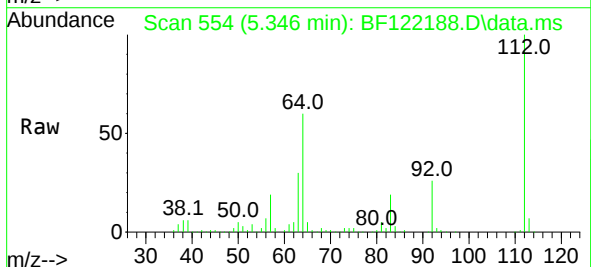
Instrument :
BNA_F
ClientSampleId :
MW-3

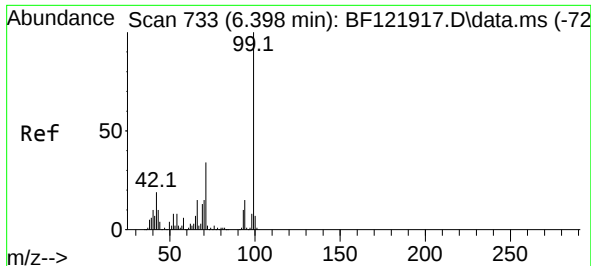
Tgt Ion:152 Resp: 95313
Ion Ratio Lower Upper
152 100
150 155.0 125.3 187.9
115 63.4 51.9 77.9



#5
2-Fluorophenol
Concen: 55.44 ng
RT: 5.346 min Scan# 554
Delta R.T. 0.012 min
Lab File: BF122188.D
Acq: 30 Oct 2020 19:15

Tgt Ion:112 Resp: 358032
Ion Ratio Lower Upper
112 100
64 60.5 50.4 75.6
63 30.4 25.8 38.6



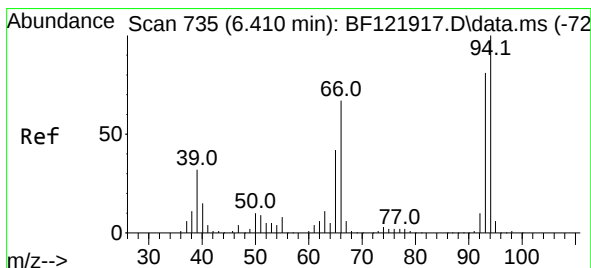
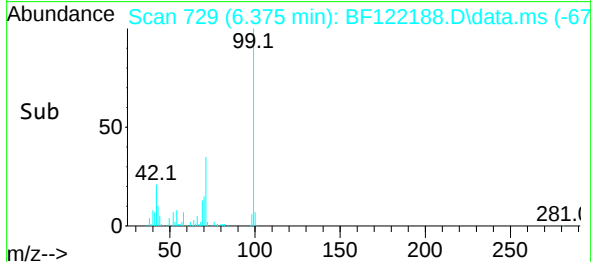
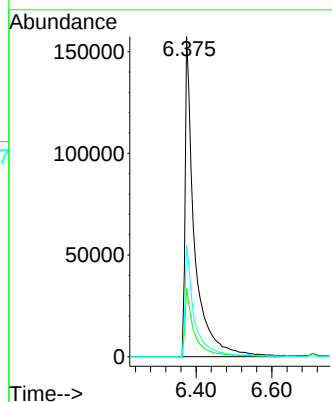
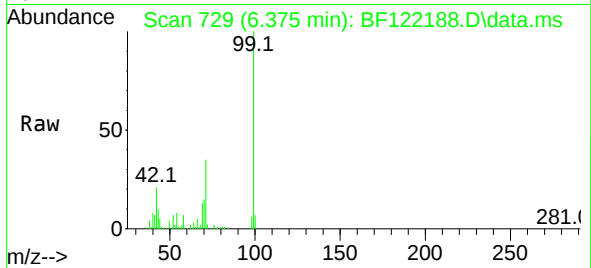


#7
Phenol-d6
Concen: 32.48 ng
RT: 6.375 min Scan# 729
Delta R.T. 0.006 min
Lab File: BF122188.D
Acq: 30 Oct 2020 19:15

Instrument :
BNA_F
ClientSampleId :
MW-3

Tgt Ion: 99 Resp: 270010

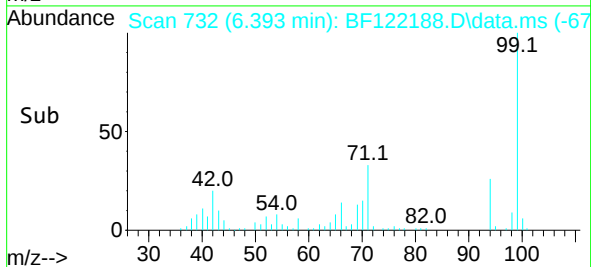
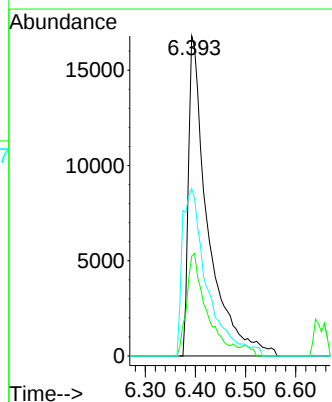
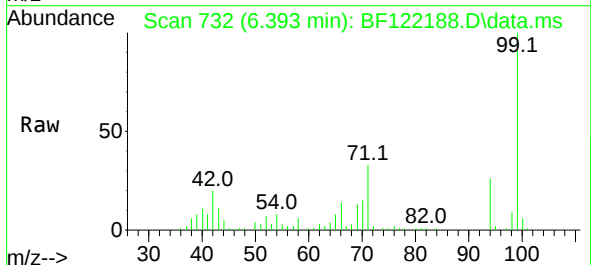
Ion	Ratio	Lower	Upper
99	100		
42	21.3	15.9	23.9
71	34.7	27.1	40.7

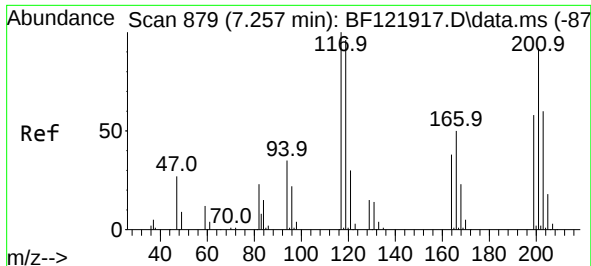


#10
Phenol
Concen: 5.27 ng
RT: 6.393 min Scan# 732
Delta R.T. 0.012 min
Lab File: BF122188.D
Acq: 30 Oct 2020 19:15

Tgt Ion: 94 Resp: 45185

Ion	Ratio	Lower	Upper
94	100		
65	31.2	17.1	57.1
66	52.3	36.0	76.0

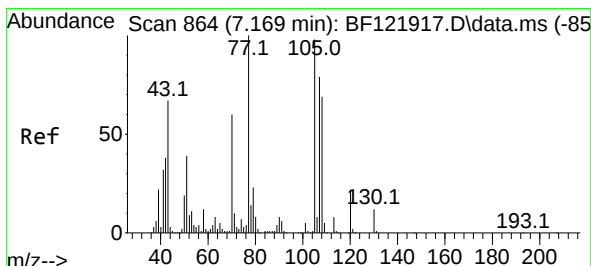
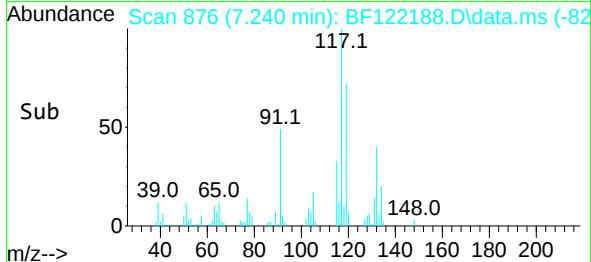
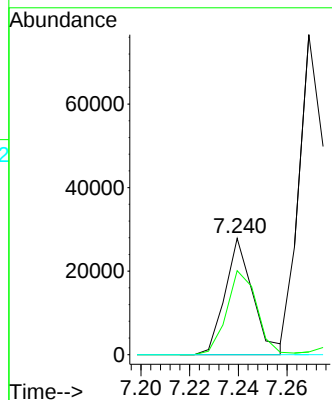
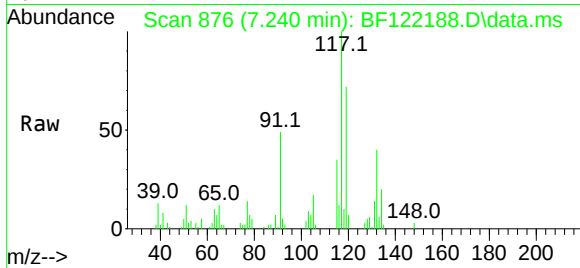




#18
Hexachloroethane
Concen: 8.36 ng
RT: 7.240 min Scan# 876
Delta R.T. 0.018 min
Lab File: BF122188.D
Acq: 30 Oct 2020 19:15

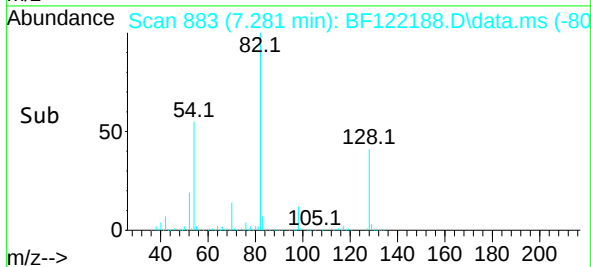
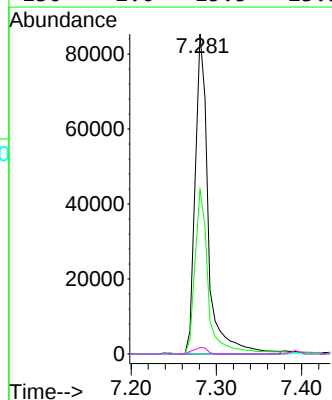
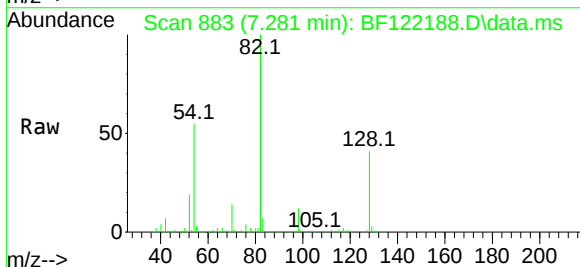
Instrument :
BNA_F
ClientSampled :
MW-3

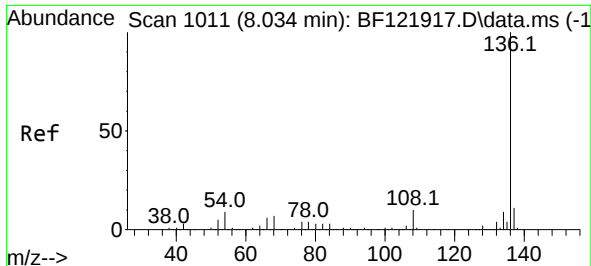
Tgt Ion:117 Resp: 22258
Ion Ratio Lower Upper
117 100
119 72.1 76.3 114.5#
201 0.0 71.8 107.6#



#19
n-Nitroso-di-n-propylamine
Concen: 19.30 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.141 min
Lab File: BF122188.D
Acq: 30 Oct 2020 19:15

Tgt Ion: 70 Resp: 91344
Ion Ratio Lower Upper
70 100
42 51.3 50.2 75.4
101 0.0 7.5 11.3#
130 2.0 15.5 23.3#



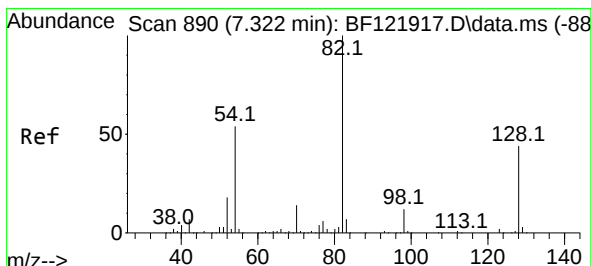
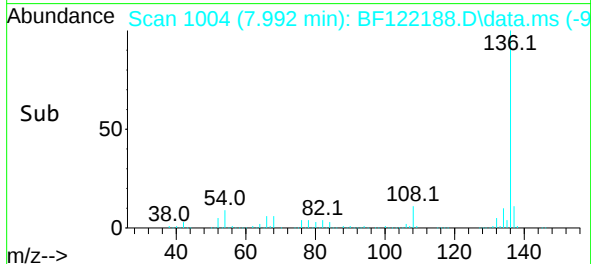
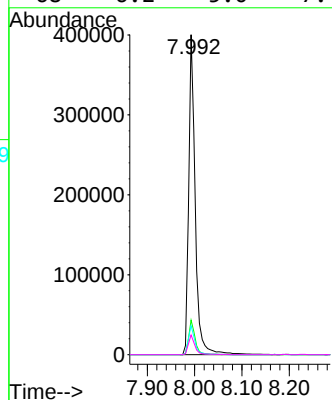
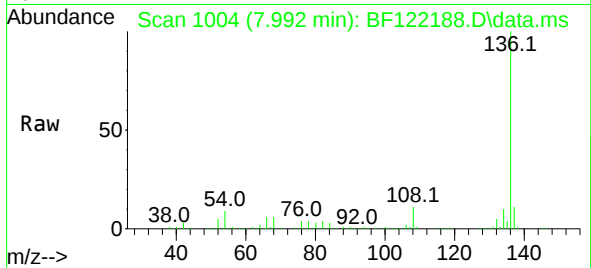


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.992 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF122188.D
Acq: 30 Oct 2020 19:15

Instrument :
BNA_F
ClientSampleId :
MW-3

Tgt Ion:136 Resp: 384916

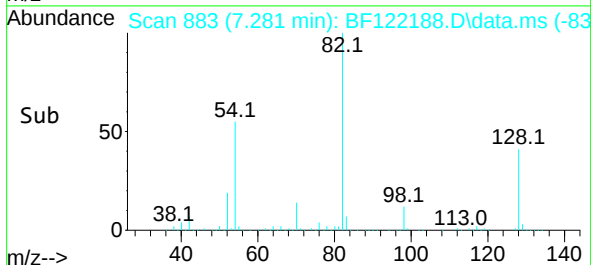
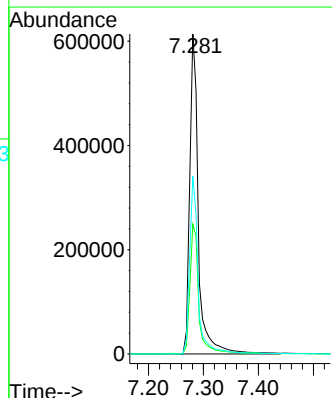
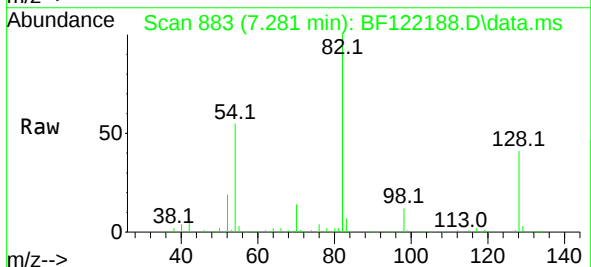
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	9.0	7.1	10.7
68	6.2	5.0	7.4

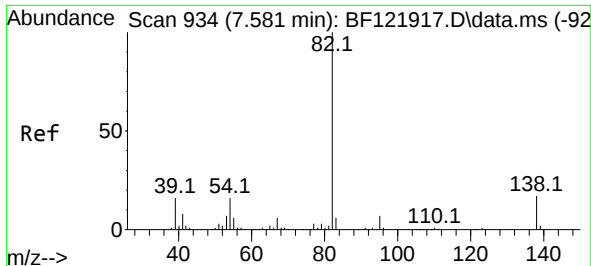


#23
Nitrobenzene-d5
Concen: 89.53 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF122188.D
Acq: 30 Oct 2020 19:15

Tgt Ion: 82 Resp: 671977

Ion	Ratio	Lower	Upper
82	100		
128	40.5	35.0	52.4
54	55.5	43.9	65.9

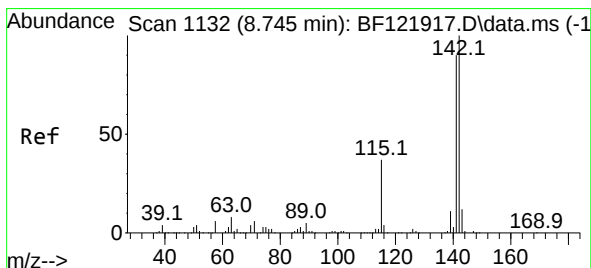
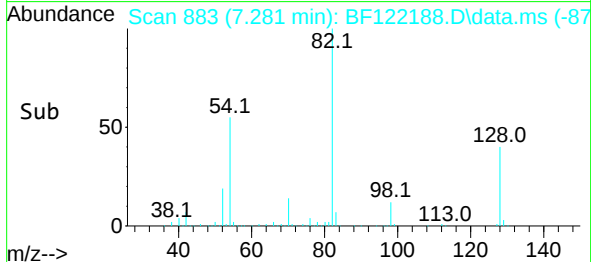
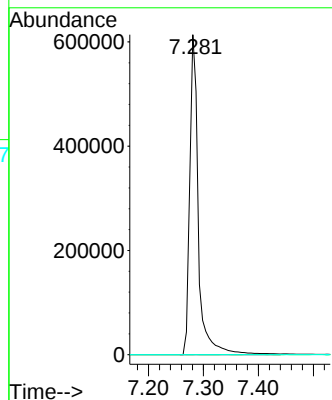
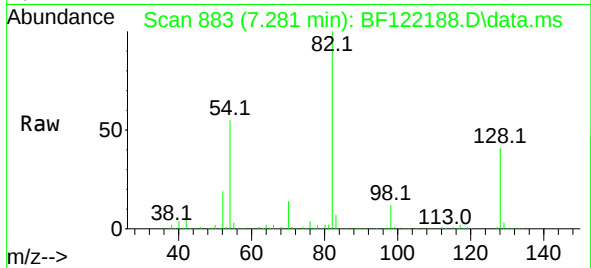




#25
Isophorone
Concen: 47.35 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.265 min
Lab File: BF122188.D
Acq: 30 Oct 2020 19:15

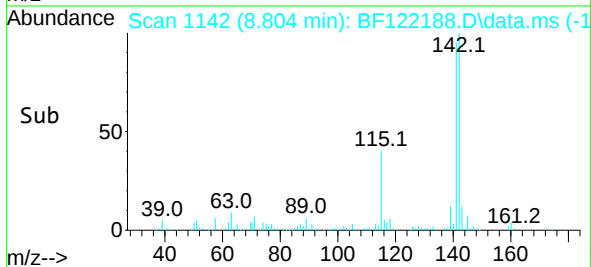
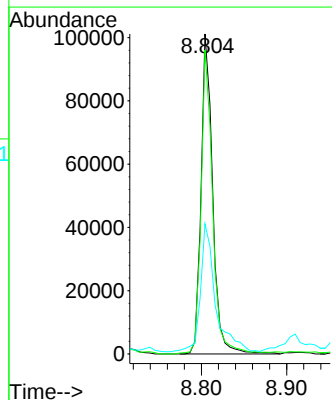
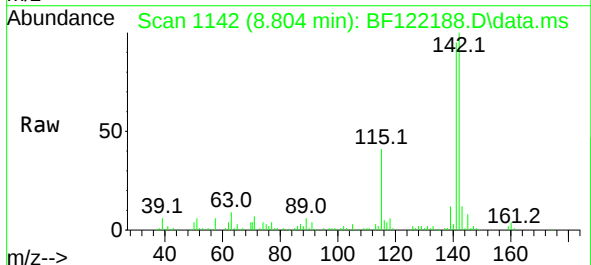
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ClientSampleId :
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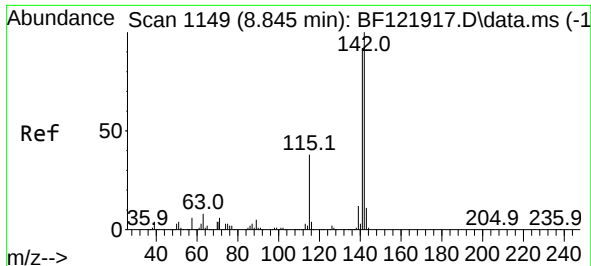
Tgt Ion: 82 Resp: 671977
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#37
2-Methylnaphthalene
Concen: 7.18 ng
RT: 8.804 min Scan# 1142
Delta R.T. 0.094 min
Lab File: BF122188.D
Acq: 30 Oct 2020 19:15

Tgt Ion: 142 Resp: 95865
Ion Ratio Lower Upper
142 100
141 95.0 70.2 105.4
115 40.7 28.6 43.0

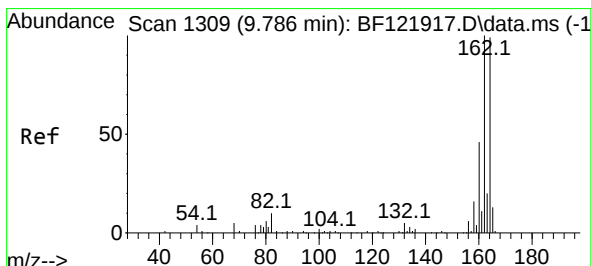
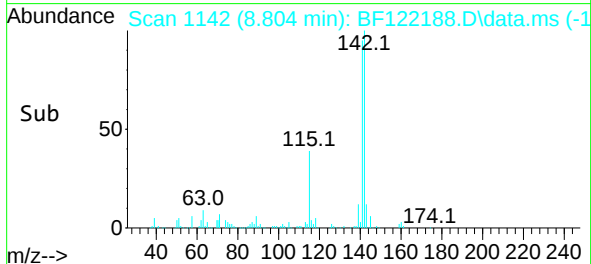
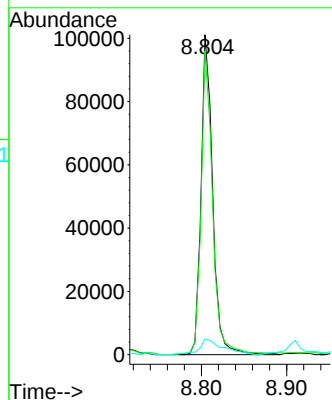
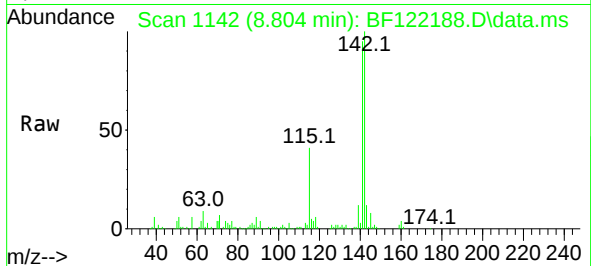




#38
1-Methylnaphthalene
Concen: 7.75 ng
RT: 8.804 min Scan# 1142
Delta R.T. -0.006 min
Lab File: BF122188.D
Acq: 30 Oct 2020 19:15

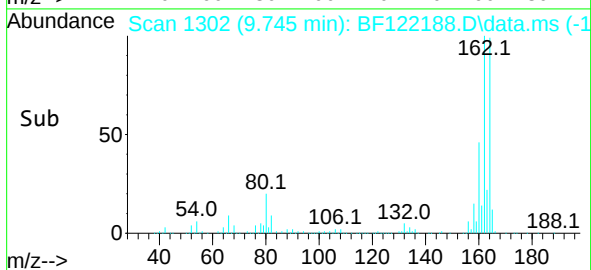
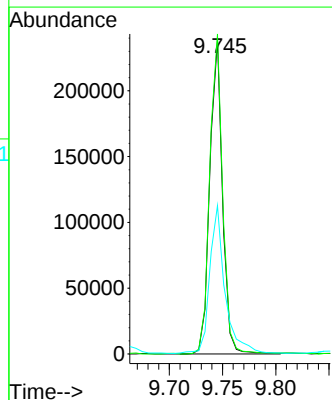
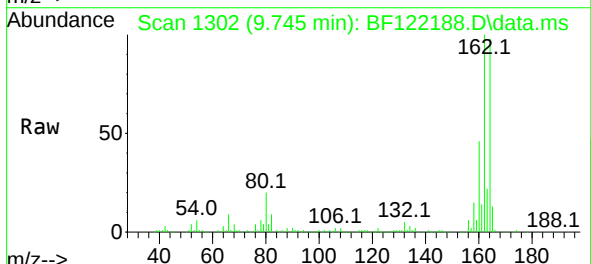
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ClientSampleId :
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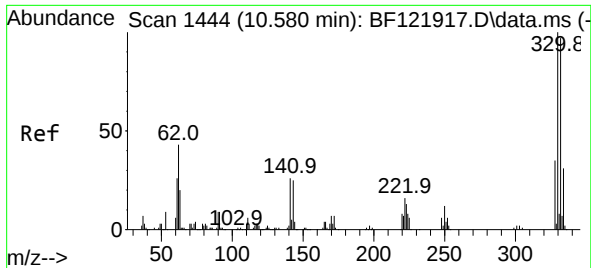
Tgt Ion:142 Resp: 95865
Ion Ratio Lower Upper
142 100
141 95.0 74.5 111.7
116 4.9 3.2 4.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF122188.D
Acq: 30 Oct 2020 19:15

Tgt Ion:164 Resp: 198286
Ion Ratio Lower Upper
164 100
162 102.0 83.2 124.8
160 47.2 37.5 56.3

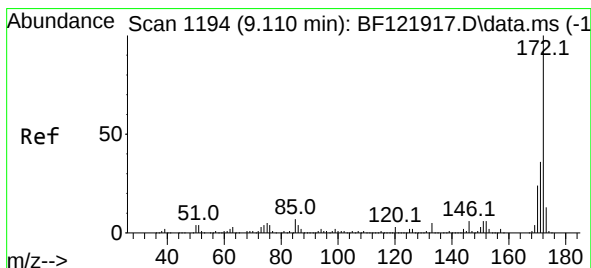
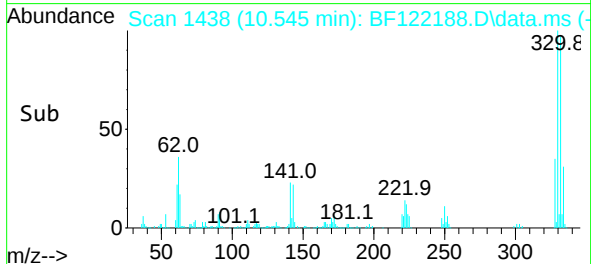
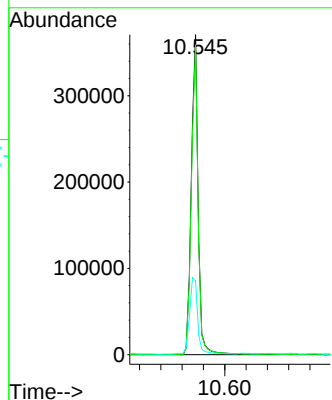
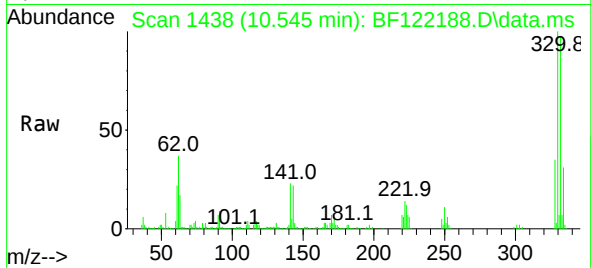




#42
2,4,6-Tribromophenol
Concen: 134.67 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.000 min
Lab File: BF122188.D
Acq: 30 Oct 2020 19:15

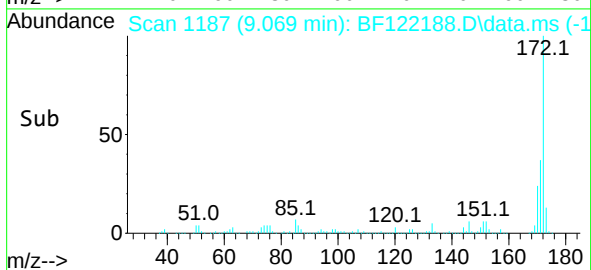
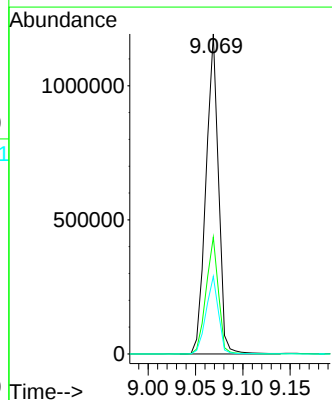
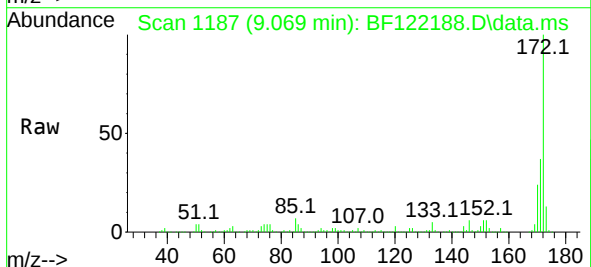
Instrument :
BNA_F
ClientSampled :
MW-3

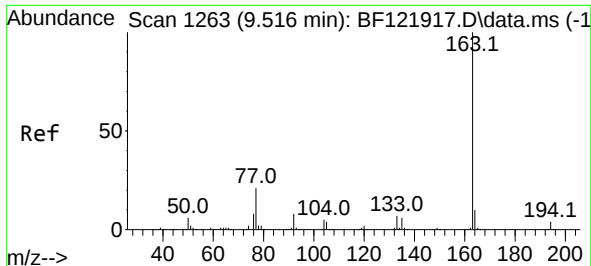
Tgt Ion: 330 Resp: 330316
Ion Ratio Lower Upper
330 100
332 96.5 77.3 115.9
141 28.7 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 81.47 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF122188.D
Acq: 30 Oct 2020 19:15

Tgt Ion: 172 Resp: 1097929
Ion Ratio Lower Upper
172 100
171 36.5 29.1 43.7
170 24.2 19.8 29.6

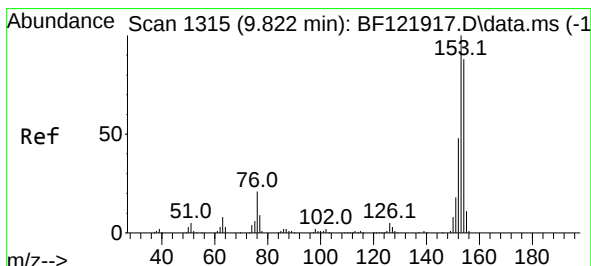
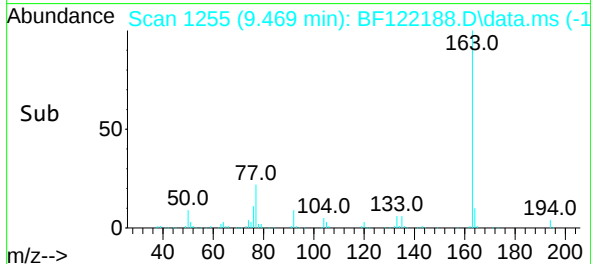
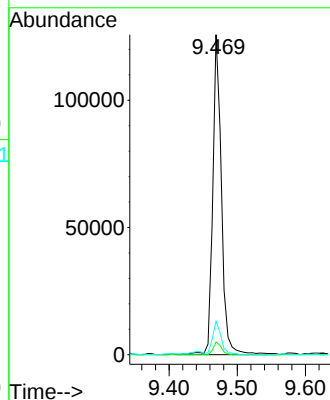
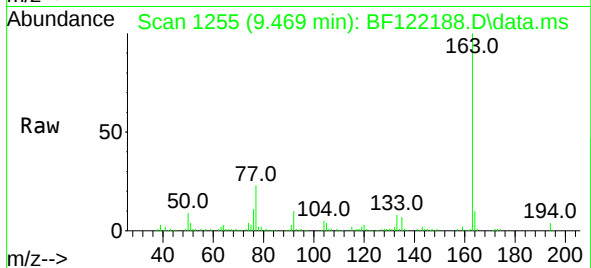




#50
Dimethylphthalate
Concen: 7.71 ng
RT: 9.469 min Scan# 1255
Delta R.T. -0.012 min
Lab File: BF122188.D
Acq: 30 Oct 2020 19:15

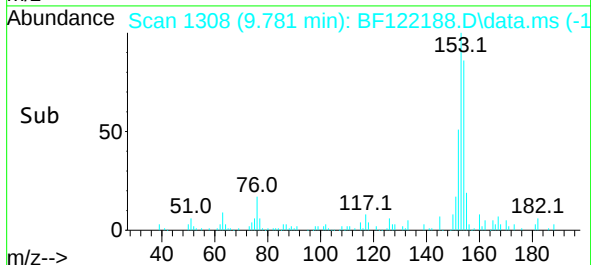
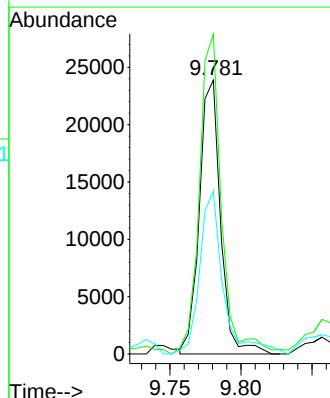
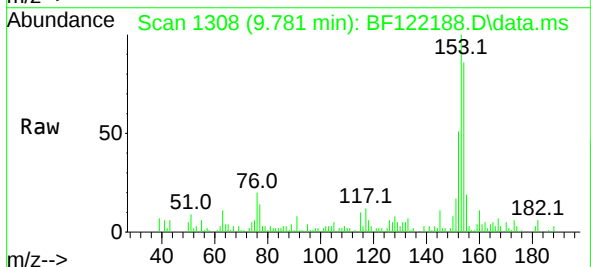
Instrument :
BNA_F
ClientSampleId :
MW-3

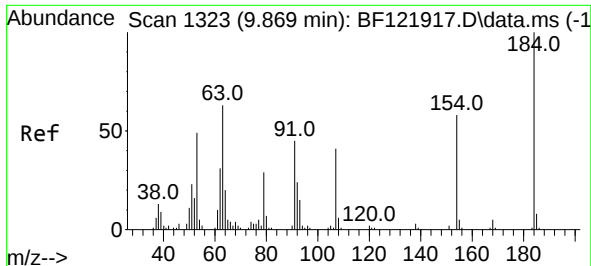
Tgt Ion:163 Resp: 111734
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.4 8.2 12.4



#52
Acenaphthene
Concen: 2.16 ng
RT: 9.781 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BF122188.D
Acq: 30 Oct 2020 19:15

Tgt Ion:154 Resp: 24753
Ion Ratio Lower Upper
154 100
153 116.9 89.8 134.8
152 59.5 43.2 64.8

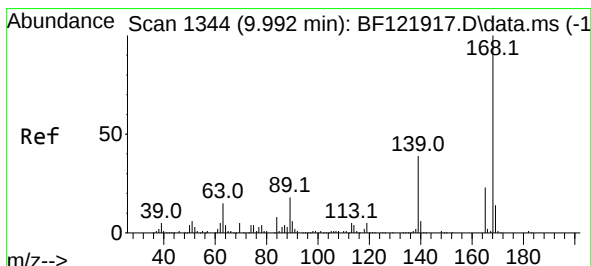
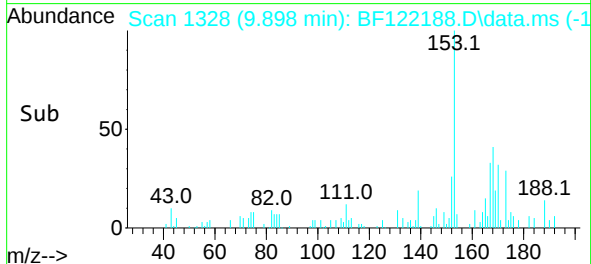
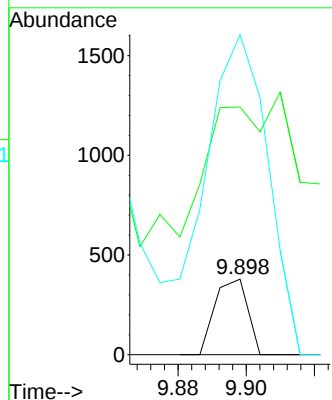
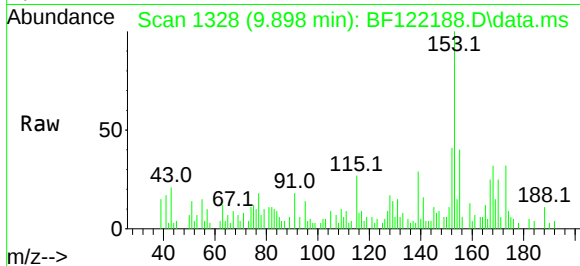




#54
2,4-Dinitrophenol
Concen: 8.83 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.053 min
Lab File: BF122188.D
Acq: 30 Oct 2020 19:15

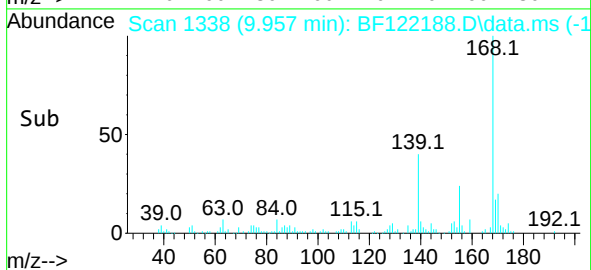
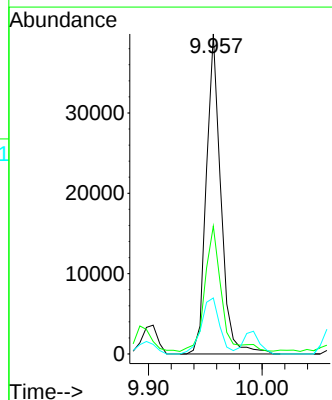
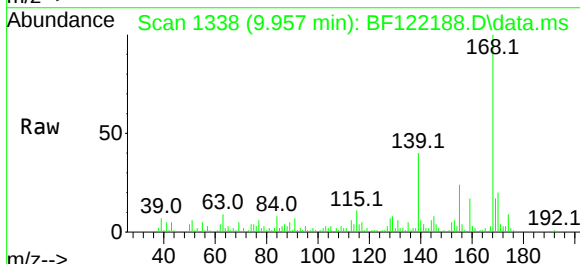
Instrument :
BNA_F
ClientSampled :
MW-3

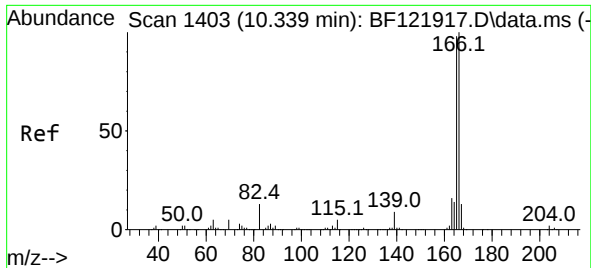
Tgt Ion:184 Resp: 252
Ion Ratio Lower Upper
184 100
63 327.7 45.9 68.9#
154 423.5 45.8 68.6#



#55
Dibenzofuran
Concen: 2.11 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF122188.D
Acq: 30 Oct 2020 19:15

Tgt Ion:168 Resp: 35309
Ion Ratio Lower Upper
168 100
139 39.9 31.0 46.6
169 17.5 11.3 16.9#

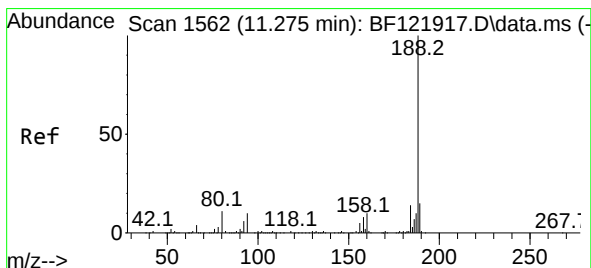
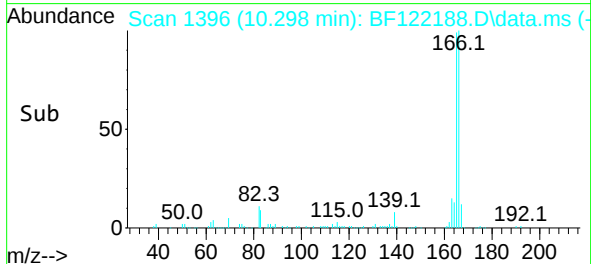
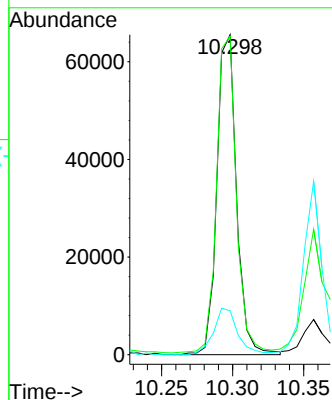
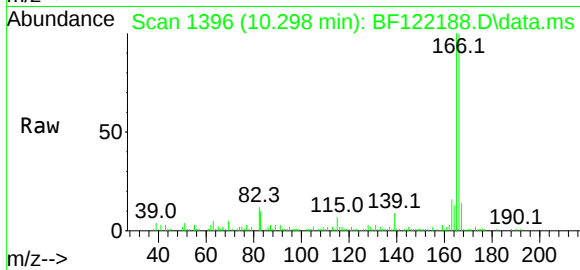




#58
Fluorene
Concen: 4.65 ng
RT: 10.298 min Scan# 1396
Delta R.T. 0.000 min
Lab File: BF122188.D
Acq: 30 Oct 2020 19:15

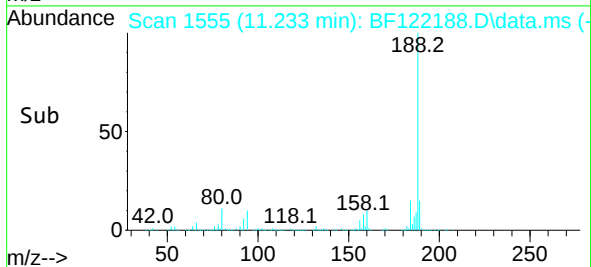
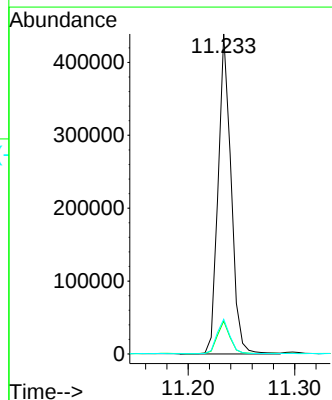
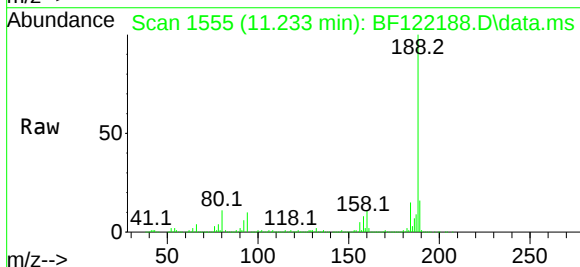
Instrument :
BNA_F
ClientSampleId :
MW-3

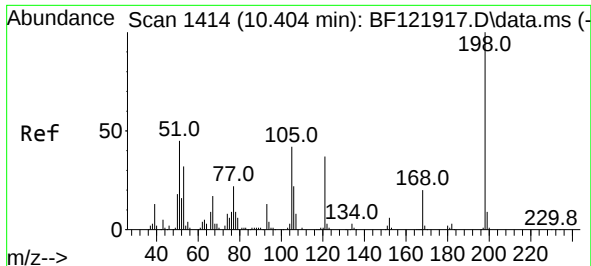
Tgt Ion:166 Resp: 62746
Ion Ratio Lower Upper
166 100
165 99.6 79.1 118.7
167 13.8 11.0 16.6



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.233 min Scan# 1555
Delta R.T. 0.000 min
Lab File: BF122188.D
Acq: 30 Oct 2020 19:15

Tgt Ion:188 Resp: 369580
Ion Ratio Lower Upper
188 100
94 10.3 8.3 12.5
80 10.8 9.1 13.7

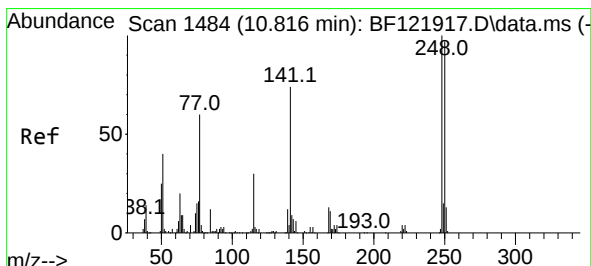
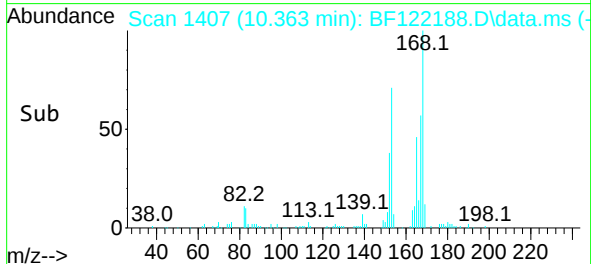
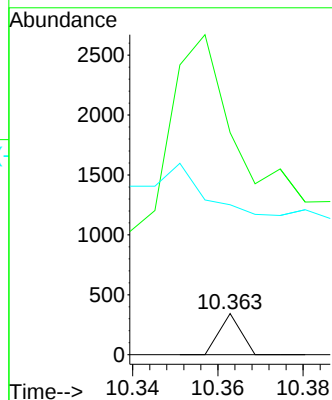
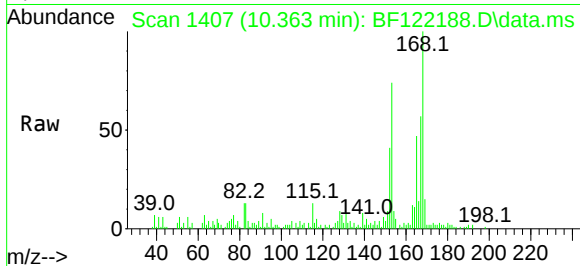




#65
4,6-Dinitro-2-methylphenol
Concen: 4.48 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.012 min
Lab File: BF122188.D
Acq: 30 Oct 2020 19:15

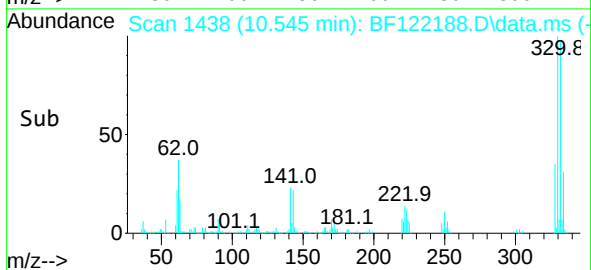
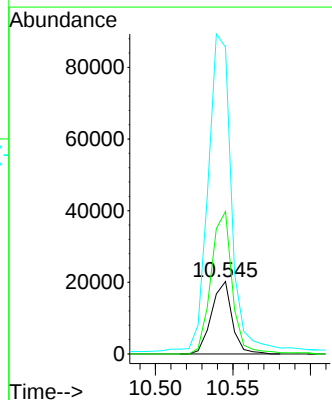
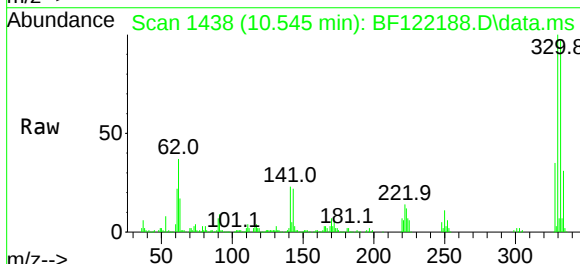
Instrument :
BNA_F
ClientSampled :
MW-3

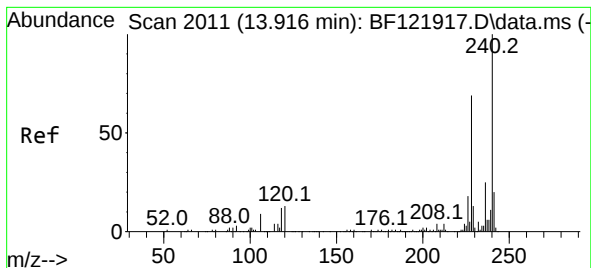
Tgt Ion:198 Resp: 121
Ion Ratio Lower Upper
198 100
51 540.5 29.6 69.6#
105 364.7 24.4 64.4#



#67
4-Bromophenyl-phenylether
Concen: 4.37 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.229 min
Lab File: BF122188.D
Acq: 30 Oct 2020 19:15

Tgt Ion:248 Resp: 18674
Ion Ratio Lower Upper
248 100
250 196.3 77.0 115.6#
141 423.1 53.7 80.5#

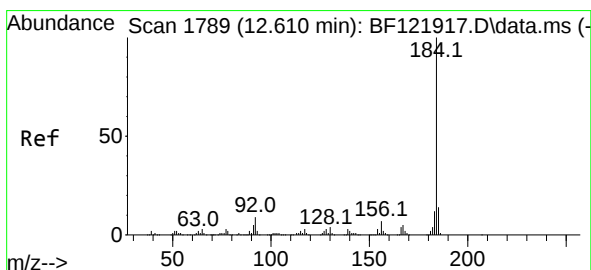
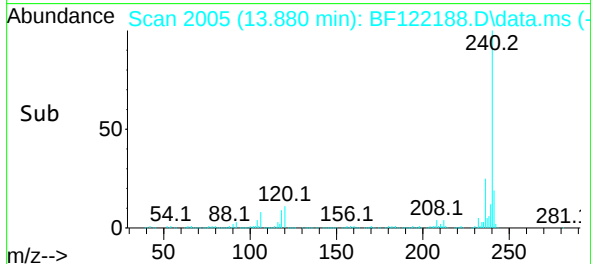
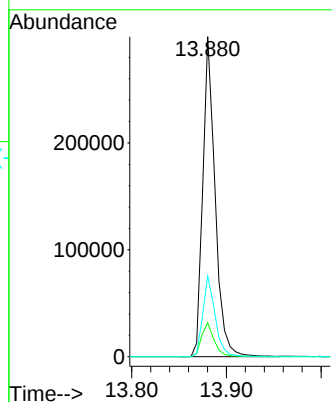
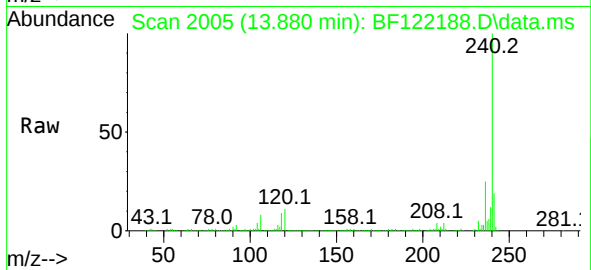




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.880 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BF122188.D
Acq: 30 Oct 2020 19:15

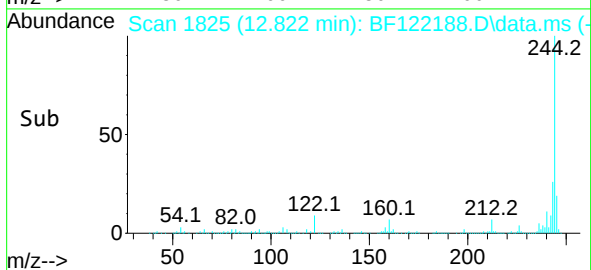
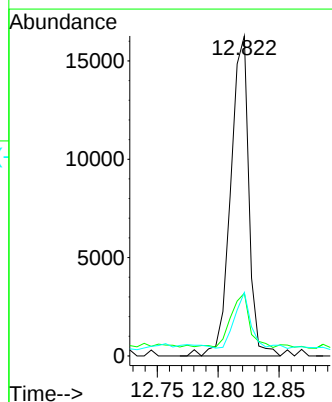
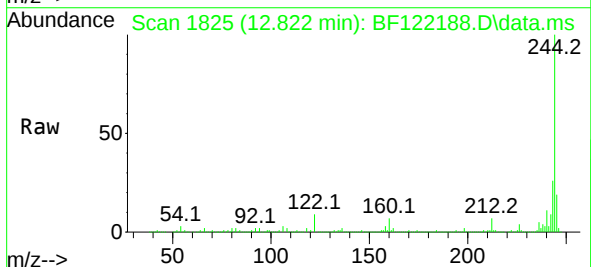
Instrument :
BNA_F
ClientSampleId :
MW-3

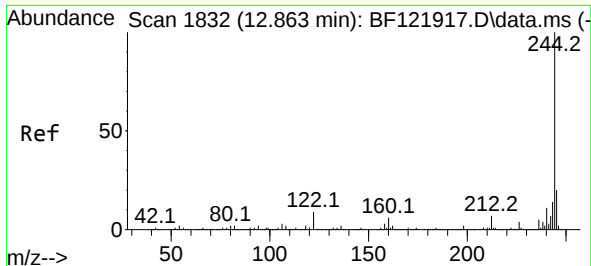
Tgt Ion:240 Resp: 271962
Ion Ratio Lower Upper
240 100
120 10.6 9.2 13.8
236 25.1 20.9 31.3



#77
Benzidine
Concen: 2.01 ng
RT: 12.822 min Scan# 1825
Delta R.T. 0.247 min
Lab File: BF122188.D
Acq: 30 Oct 2020 19:15

Tgt Ion:184 Resp: 16887
Ion Ratio Lower Upper
184 100
185 19.6 11.6 17.4#
183 19.8 9.4 14.0#

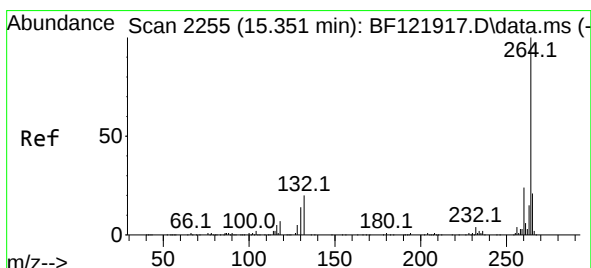
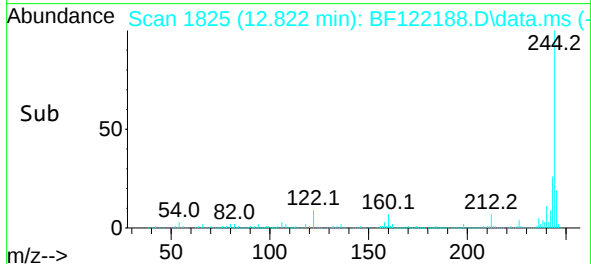
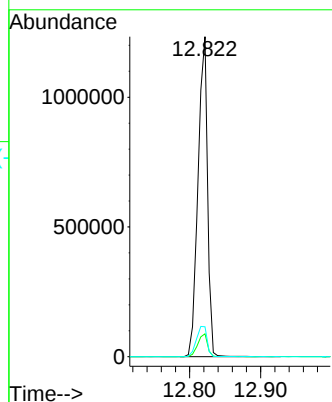
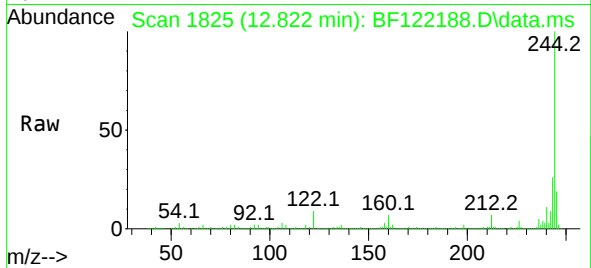




#79
Terphenyl-d14
Concen: 80.74 ng
RT: 12.822 min Scan# 1825
Delta R.T. 0.006 min
Lab File: BF122188.D
Acq: 30 Oct 2020 19:15

Instrument :
BNA_F
ClientSampleId :
MW-3

Tgt Ion:244 Resp: 1152261
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.2
122 9.4 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: BF122188.D
Acq: 30 Oct 2020 19:15

Tgt Ion:264 Resp: 214005
Ion Ratio Lower Upper
264 100
260 23.2 18.7 28.1
265 21.1 17.3 25.9

