

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102920\
 Data File : BF122165.D
 Acq On : 29 Oct 2020 15:40
 Operator : JU/CG
 Sample : L4547-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TT-033-IDWSO-20201027

Quant Time: Oct 29 16:09:24 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 26 17:27:32 2020
 Response via : Initial Calibration

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

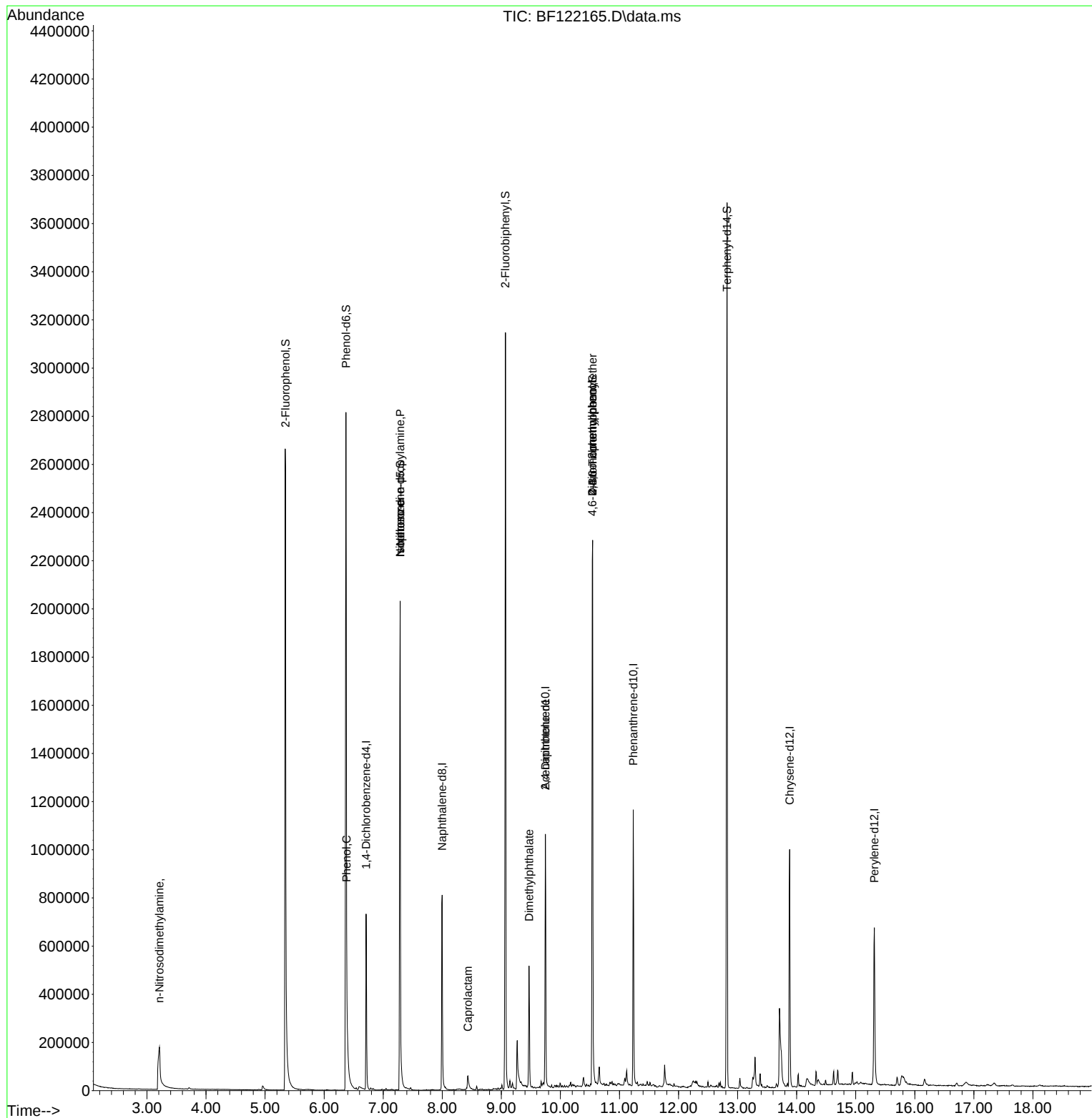
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.710	152	103661	20.00	ng	0.00
21) Naphthalene-d8	7.998	136	419488	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	215380	20.00	ng	0.00
64) Phenanthrene-d10	11.233	188	402690	20.00	ng	0.00
76) Chrysene-d12	13.880	240	360411	20.00	ng	0.00
86) Perylene-d12	15.316	264	328168	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	879900	125.28	ng	0.01
7) Phenol-d6	6.369	99	1124379	124.36	ng	0.00
23) Nitrobenzene-d5	7.287	82	730024	89.25	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	344620	129.35	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	1050543	71.77	ng	0.00
79) Terphenyl-d14	12.822	244	1199029	63.40	ng	0.00
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.210	42	11450	2.92	ng	# 1
9) Benzaldehyde	6.369	77	2180	Below Cal		# 3
10) Phenol	6.381	94	64913	6.96	ng	95
19) n-Nitroso-di-n-propyla...	7.287	70	98061	19.05	ng	# 81
25) Isophorone	7.287	82	730101	47.21	ng	# 67
35) Caprolactam	8.434	113	10396	5.09	ng	92
50) Dimethylphthalate	9.469	163	187065	11.88	ng	100
57) 2,4-Dinitrotoluene	9.745	165	27512	6.47	ng	# 22
65) 4,6-Dinitro-2-methylph...	10.539	198	614	4.64	ng	# 1
67) 4-Bromophenyl-phenylether	10.545	248	20378	4.38	ng	# 1

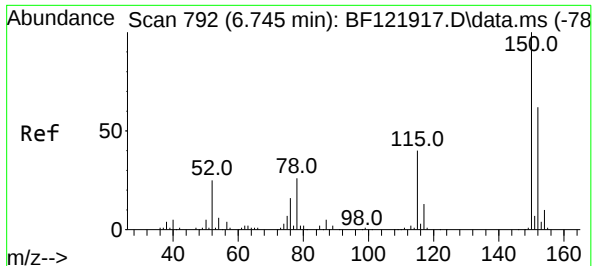
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102920\
Data File : BF122165.D
Acq On : 29 Oct 2020 15:40
Operator : JU/CG
Sample : L4547-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TT-033-IDWSO-20201027

Quant Time: Oct 29 16:09:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 26 17:27:32 2020
Response via : Initial Calibration

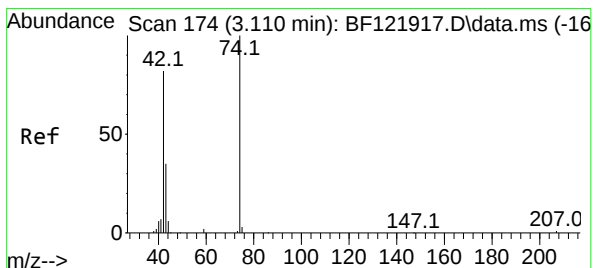
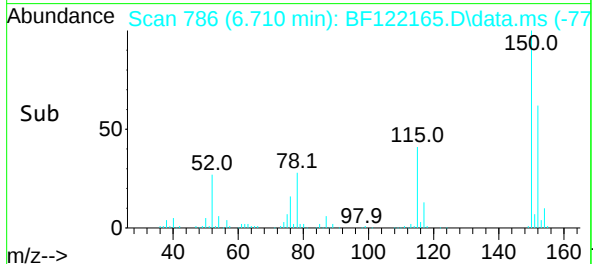
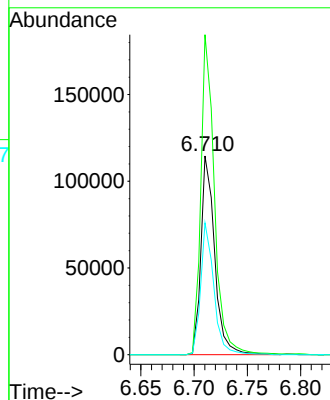
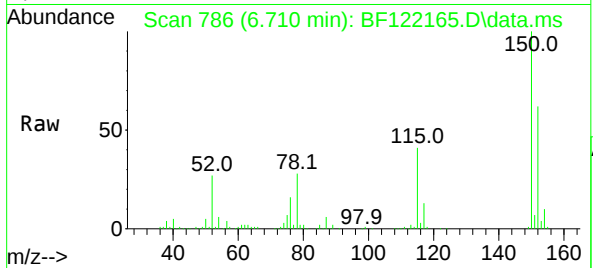




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.710 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF122165.D
Acq: 29 Oct 2020 15:40

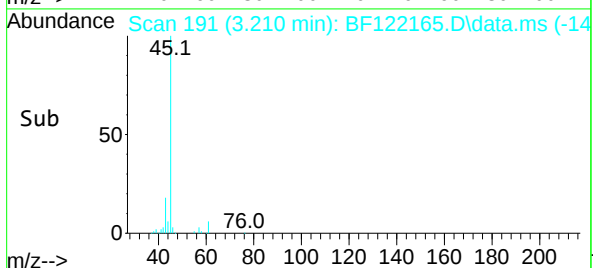
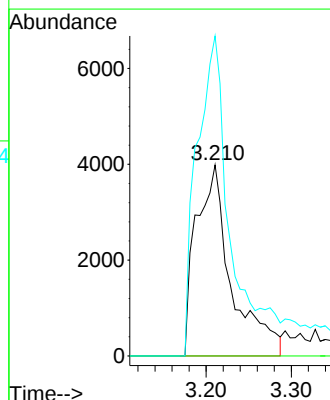
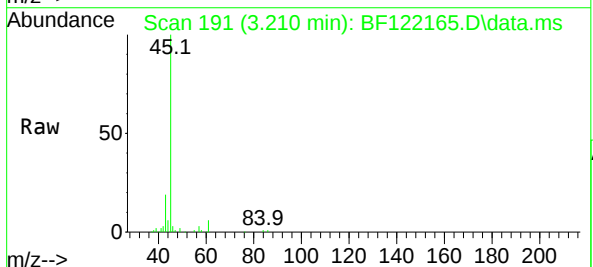
Instrument :
BNA_F
ClientSampleId :
TT-033-IDWSO-20201027

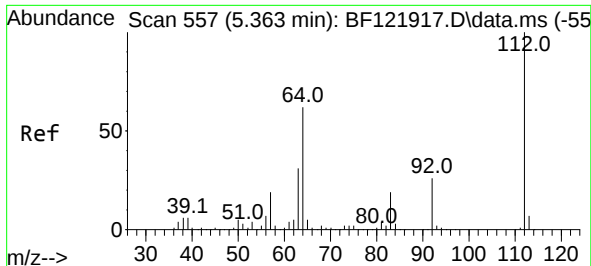
Tgt Ion:152 Resp: 103661
Ion Ratio Lower Upper
152 100
150 161.0 125.3 187.9
115 66.3 51.9 77.9



#4
n-Nitrosodimethylamine
Concen: 2.92 ng
RT: 3.210 min Scan# 191
Delta R.T. 0.165 min
Lab File: BF122165.D
Acq: 29 Oct 2020 15:40

Tgt Ion: 42 Resp: 11450
Ion Ratio Lower Upper
42 100
74 0.0 100.2 150.2#
44 167.6 5.8 8.6#

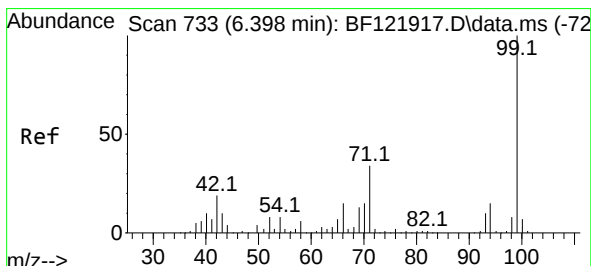
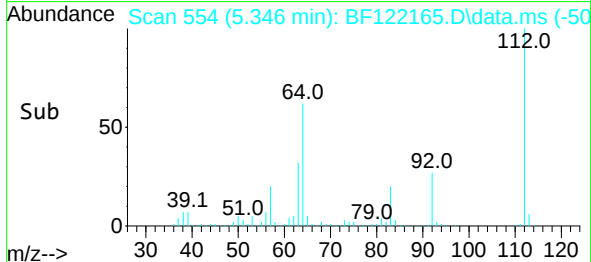
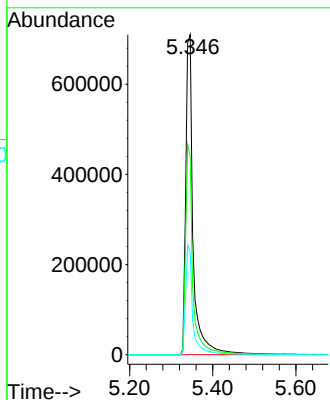
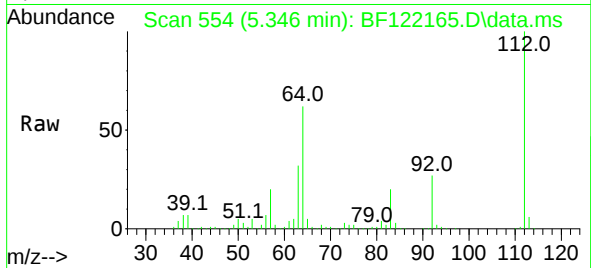




#5
2-Fluorophenol
Concen: 125.28 ng
RT: 5.346 min Scan# 554
Delta R.T. 0.012 min
Lab File: BF122165.D
Acq: 29 Oct 2020 15:40

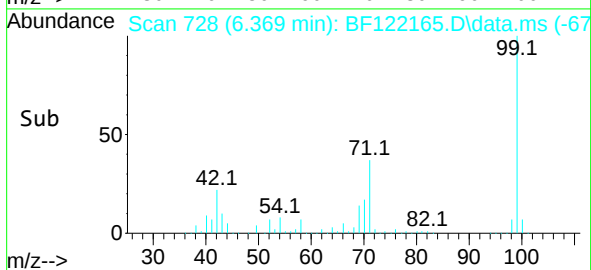
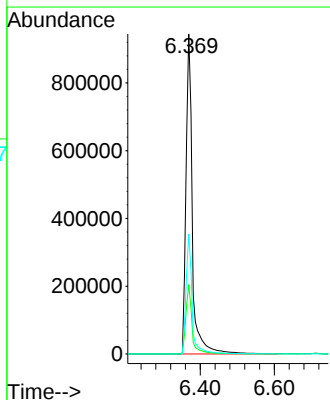
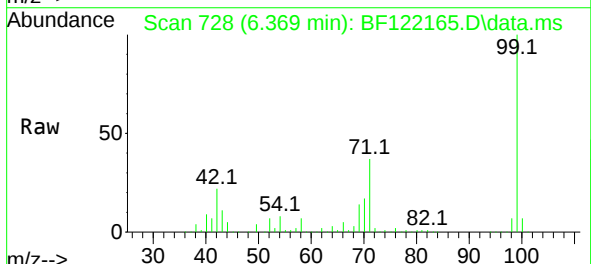
Instrument :
BNA_F
ClientSampleId :
TT-033-IDWSO-20201027

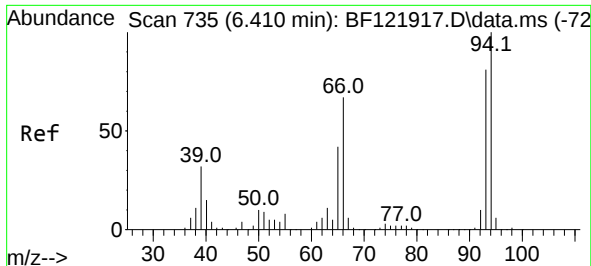
Tgt Ion:112 Resp: 879900
Ion Ratio Lower Upper
112 100
64 62.0 50.4 75.6
63 32.3 25.8 38.6



#7
Phenol-d6
Concen: 124.36 ng
RT: 6.369 min Scan# 728
Delta R.T. 0.000 min
Lab File: BF122165.D
Acq: 29 Oct 2020 15:40

Tgt Ion: 99 Resp: 1124379
Ion Ratio Lower Upper
99 100
42 21.7 15.9 23.9
71 37.5 27.1 40.7

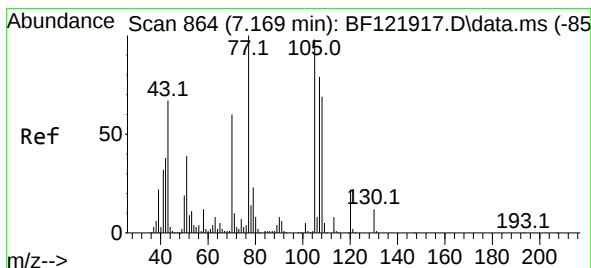
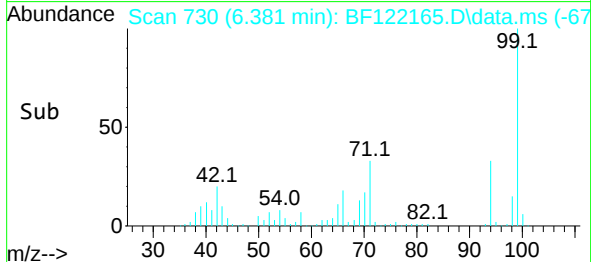
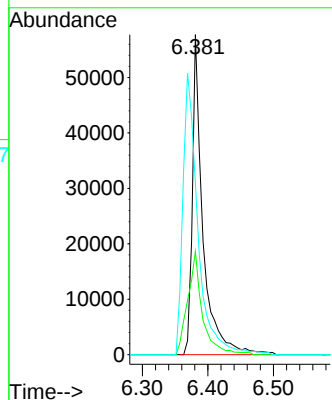
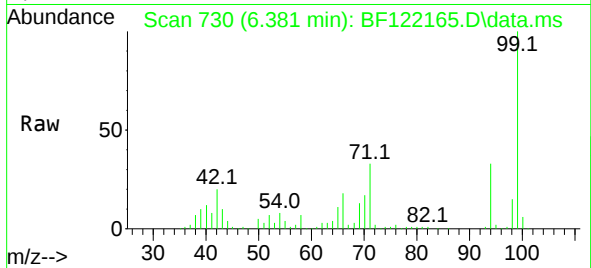




#10
Phenol
Concen: 6.96 ng
RT: 6.381 min Scan# 730
Delta R.T. 0.000 min
Lab File: BF122165.D
Acq: 29 Oct 2020 15:40

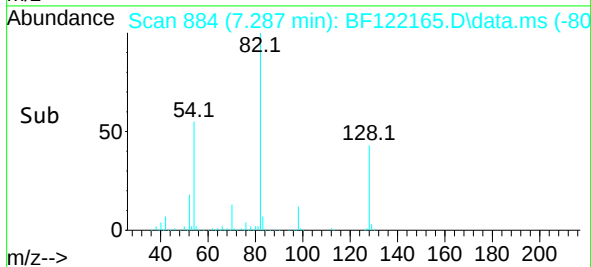
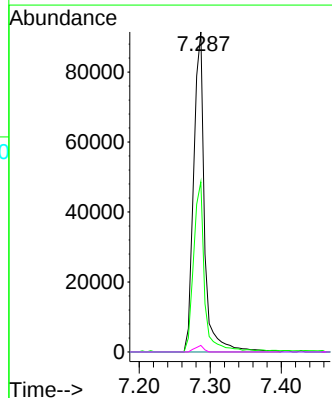
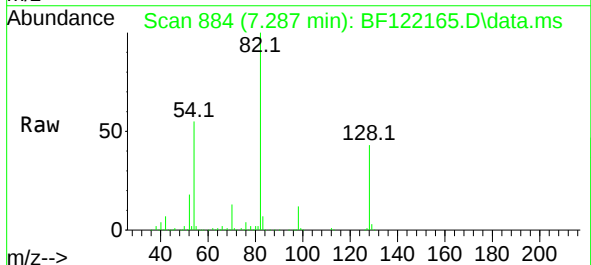
Instrument :
BNA_F
ClientSampleId :
TT-033-IDWSO-20201027

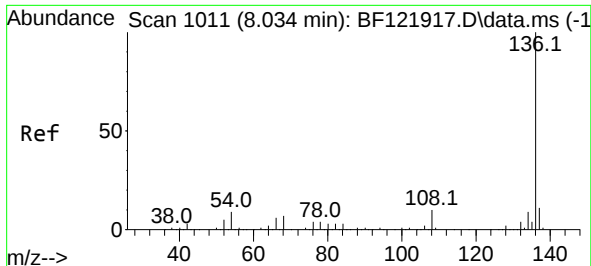
Tgt Ion: 94 Resp: 64913
Ion Ratio Lower Upper
94 100
65 32.3 17.1 57.1
66 53.5 36.0 76.0



#19
n-Nitroso-di-n-propylamine
Concen: 19.05 ng
RT: 7.287 min Scan# 884
Delta R.T. 0.147 min
Lab File: BF122165.D
Acq: 29 Oct 2020 15:40

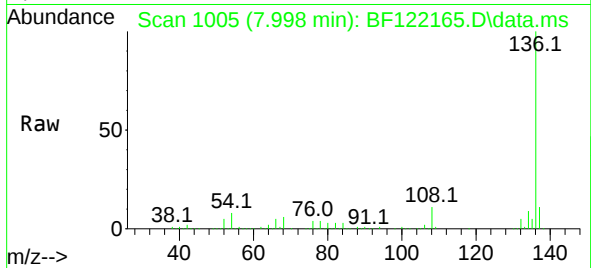
Tgt Ion: 70 Resp: 98061
Ion Ratio Lower Upper
70 100
42 53.1 50.2 75.4
101 0.0 7.5 11.3#
130 2.1 15.5 23.3#



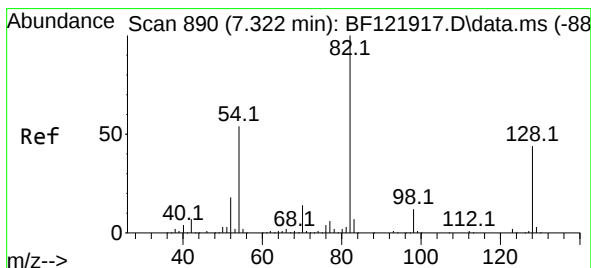
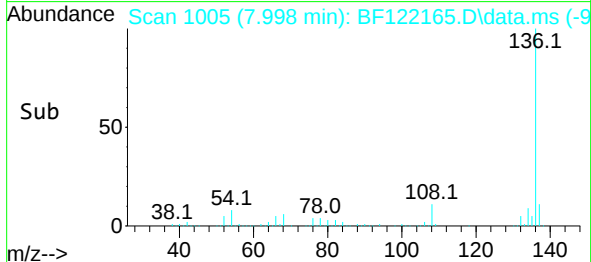
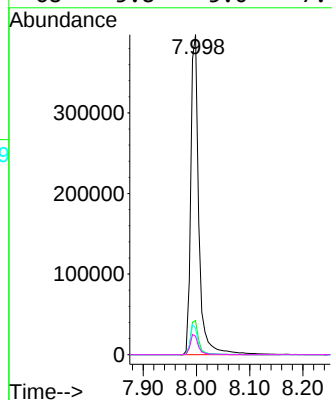


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.998 min Scan# 1005
Delta R.T. 0.000 min
Lab File: BF122165.D
Acq: 29 Oct 2020 15:40

Instrument :
BNA_F
ClientSampleId :
TT-033-IDWSO-20201027

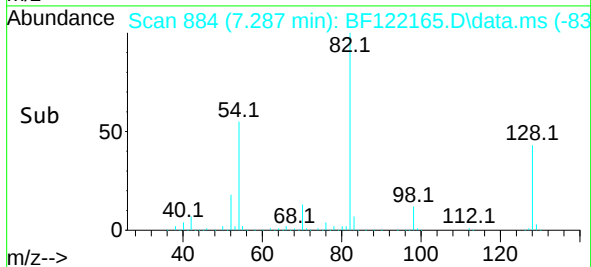
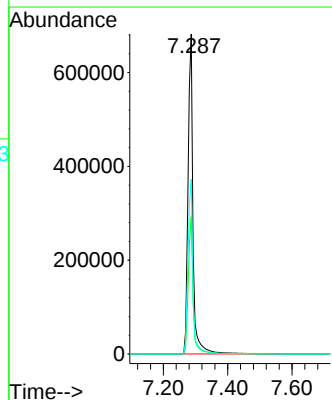
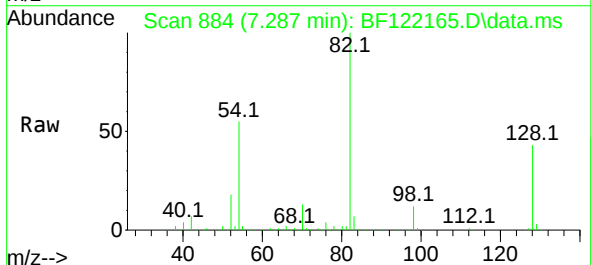


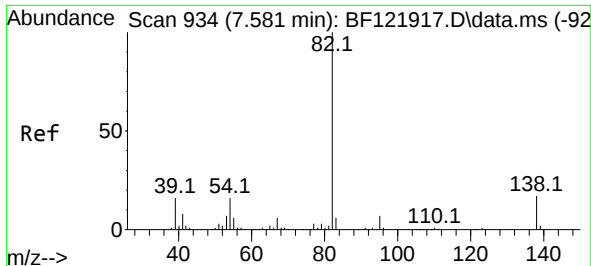
Tgt Ion:136 Resp: 419488
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.3 7.1 10.7
68 5.8 5.0 7.4



#23
Nitrobenzene-d5
Concen: 89.25 ng
RT: 7.287 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF122165.D
Acq: 29 Oct 2020 15:40

Tgt Ion: 82 Resp: 730024
Ion Ratio Lower Upper
82 100
128 42.9 35.0 52.4
54 54.6 43.9 65.9

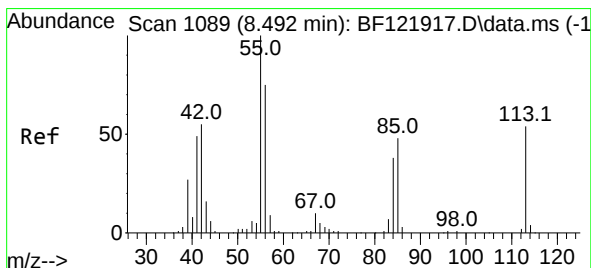
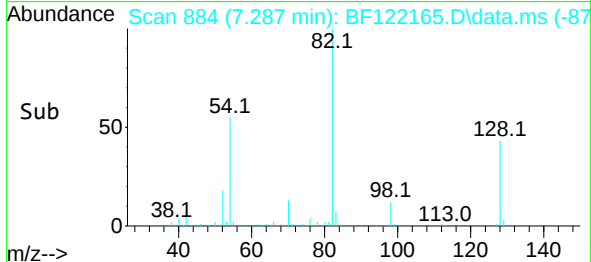
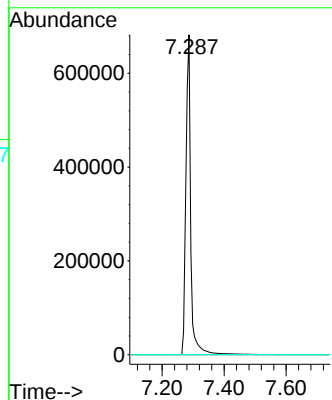
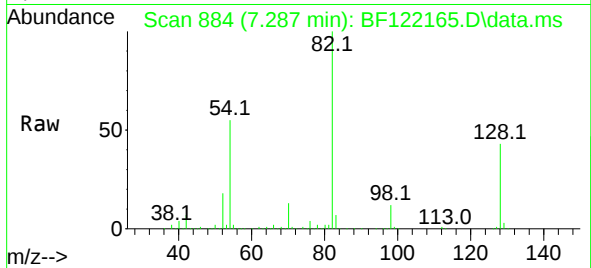




#25
Isophorone
Concen: 47.21 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.259 min
Lab File: BF122165.D
Acq: 29 Oct 2020 15:40

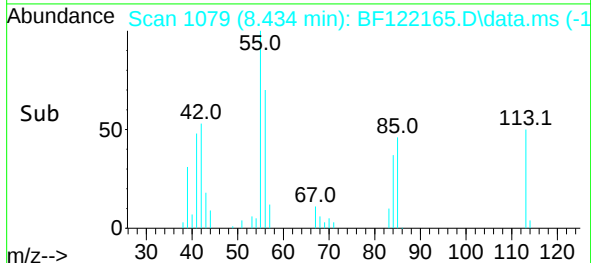
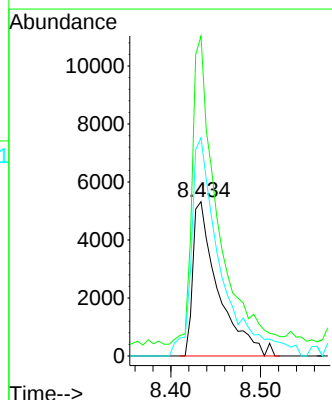
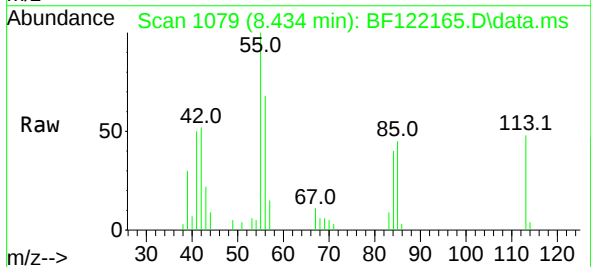
Instrument :
BNA_F
ClientSampleId :
TT-033-IDWSO-20201027

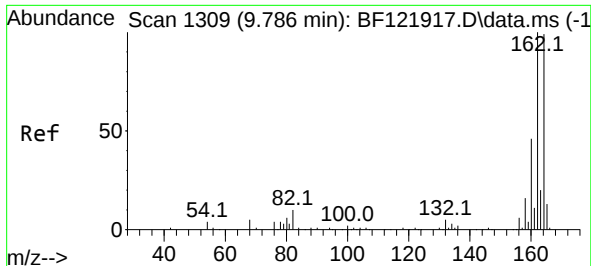
Tgt Ion: 82 Resp: 730101
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#35
Caprolactam
Concen: 5.09 ng
RT: 8.434 min Scan# 1079
Delta R.T. -0.029 min
Lab File: BF122165.D
Acq: 29 Oct 2020 15:40

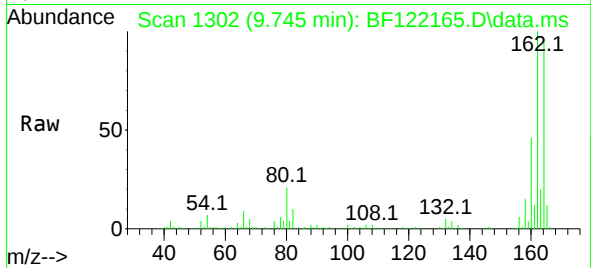
Tgt Ion: 113 Resp: 10396
Ion Ratio Lower Upper
113 100
55 207.4 167.5 207.5
56 141.4 121.2 161.2



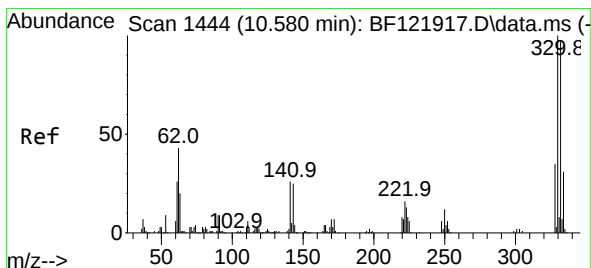
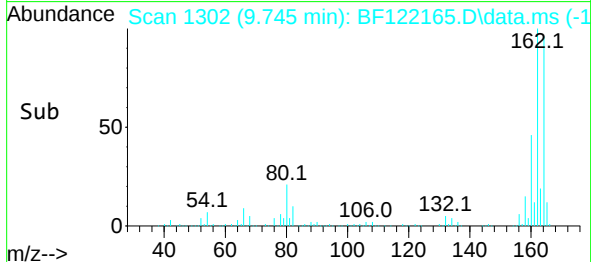
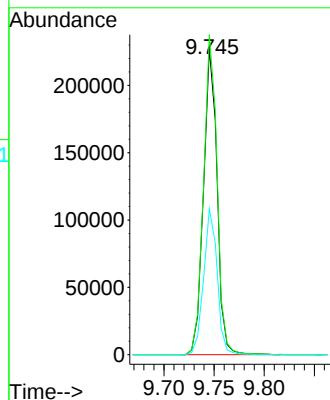


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF122165.D
Acq: 29 Oct 2020 15:40

Instrument :
BNA_F
ClientSampleId :
TT-033-IDWSO-20201027

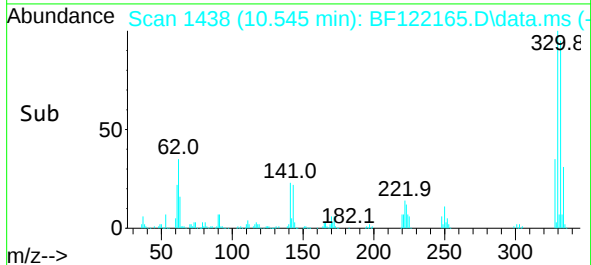
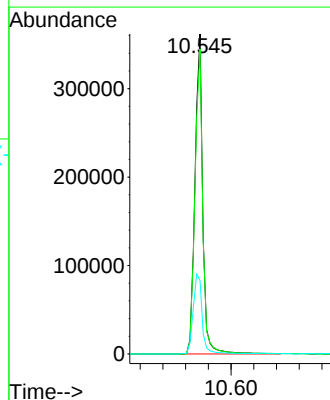
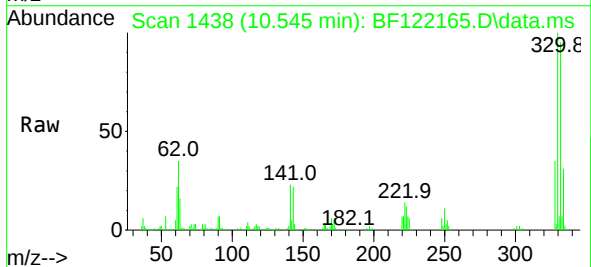


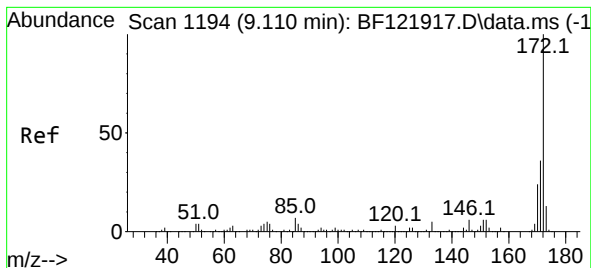
Tgt Ion:164 Resp: 215380
Ion Ratio Lower Upper
164 100
162 104.6 83.2 124.8
160 47.7 37.5 56.3



#42
2,4,6-Tribromophenol
Concen: 129.35 ng
RT: 10.545 min Scan# 1438
Delta R.T. 0.000 min
Lab File: BF122165.D
Acq: 29 Oct 2020 15:40

Tgt Ion:330 Resp: 344620
Ion Ratio Lower Upper
330 100
332 96.2 77.3 115.9
141 29.0 22.3 33.5

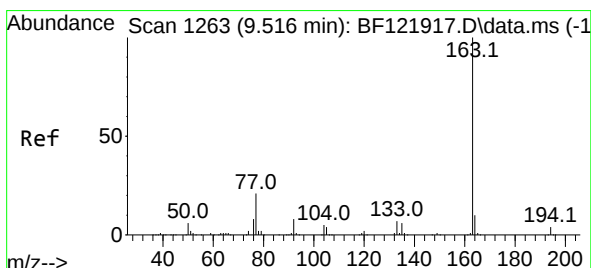
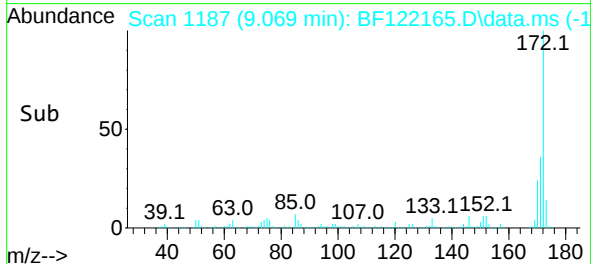
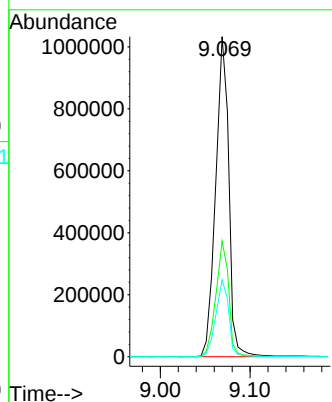
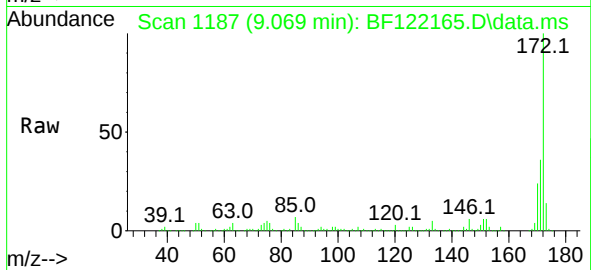




#45
2-Fluorobiphenyl
Concen: 71.77 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF122165.D
Acq: 29 Oct 2020 15:40

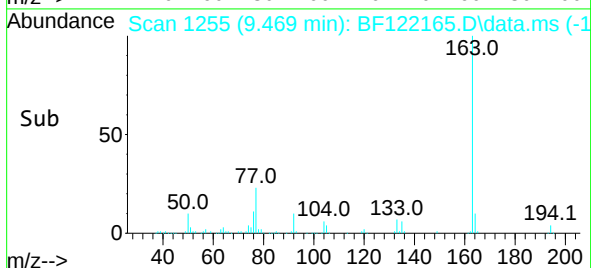
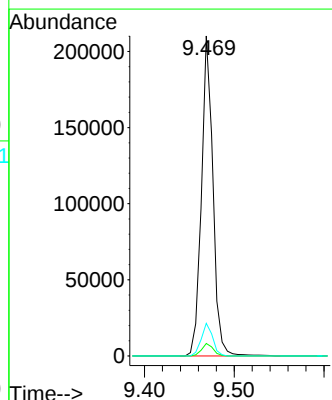
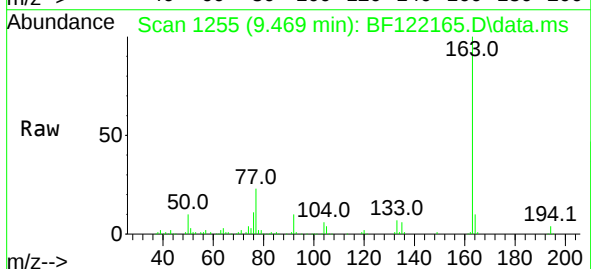
Instrument :
BNA_F
ClientSampleId :
TT-033-IDWSO-20201027

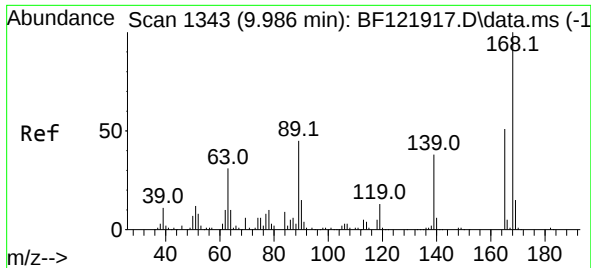
Tgt Ion:172 Resp: 1050543
Ion Ratio Lower Upper
172 100
171 36.1 29.1 43.7
170 24.1 19.8 29.6



#50
Dimethylphthalate
Concen: 11.88 ng
RT: 9.469 min Scan# 1255
Delta R.T. -0.012 min
Lab File: BF122165.D
Acq: 29 Oct 2020 15:40

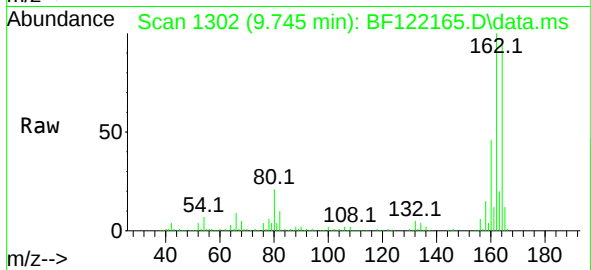
Tgt Ion:163 Resp: 187065
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.2 8.2 12.4



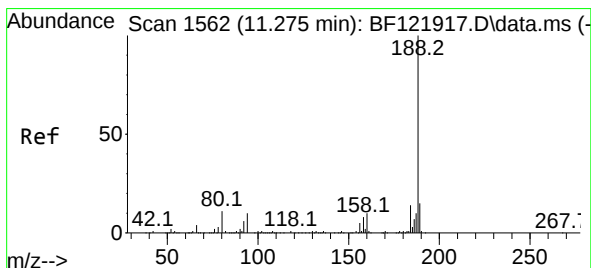
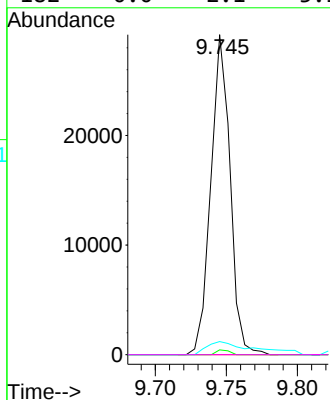
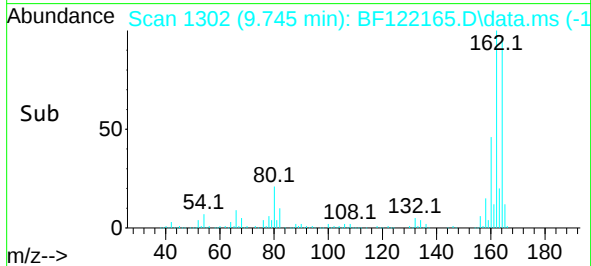


#57
2,4-Dinitrotoluene
Concen: 6.47 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.218 min
Lab File: BF122165.D
Acq: 29 Oct 2020 15:40

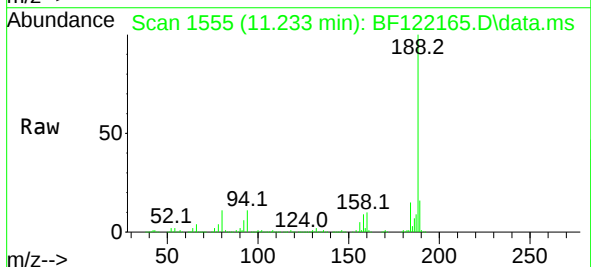
Instrument :
BNA_F
ClientSampleId :
TT-033-IDWSO-20201027



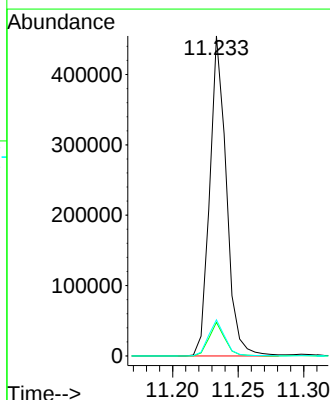
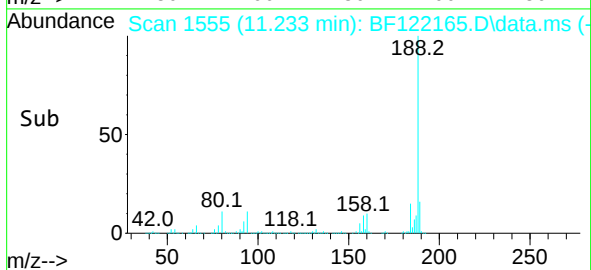
Tgt Ion:165 Resp: 27512
Ion Ratio Lower Upper
165 100
63 1.5 41.3 61.9#
89 4.1 61.8 92.8#
182 0.0 2.1 3.1#

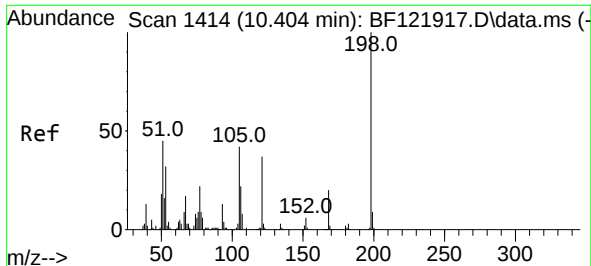


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.233 min Scan# 1555
Delta R.T. 0.000 min
Lab File: BF122165.D
Acq: 29 Oct 2020 15:40



Tgt Ion:188 Resp: 402690
Ion Ratio Lower Upper
188 100
94 10.5 8.3 12.5
80 11.3 9.1 13.7

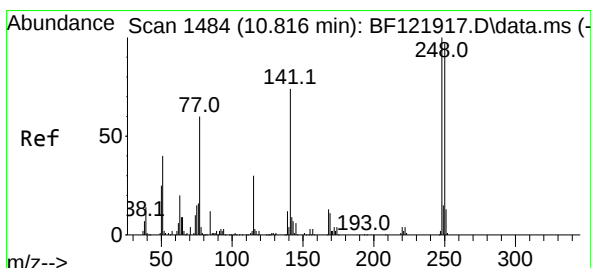
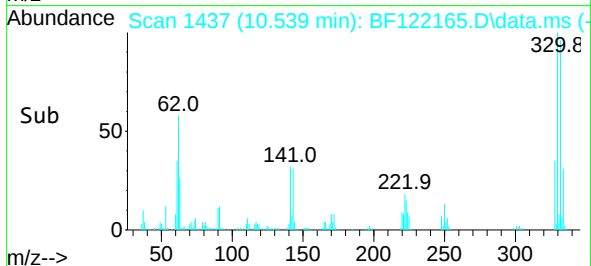
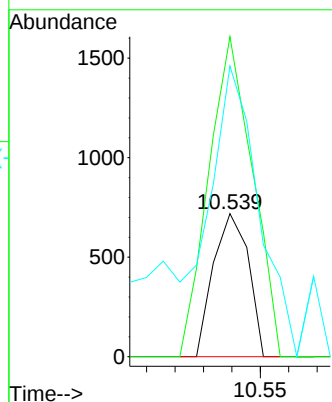
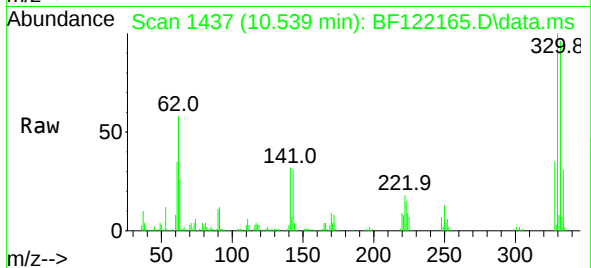




#65
4,6-Dinitro-2-methylphenol
Concen: 4.64 ng
RT: 10.539 min Scan# 1437
Delta R.T. 0.165 min
Lab File: BF122165.D
Acq: 29 Oct 2020 15:40

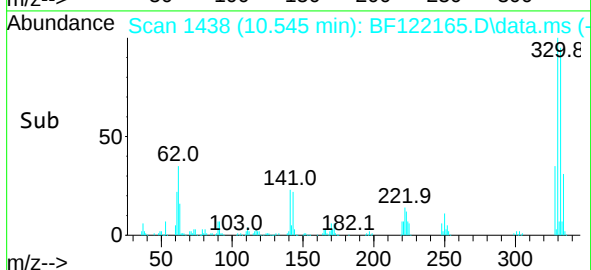
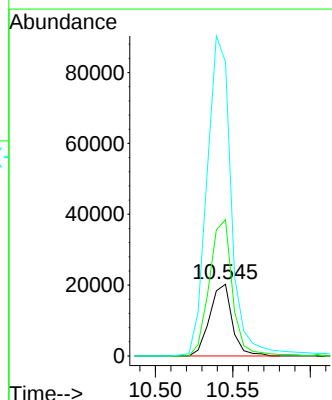
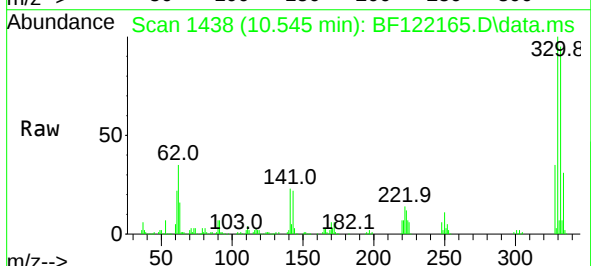
Instrument :
BNA_F
ClientSampleId :
TT-033-IDWSO-20201027

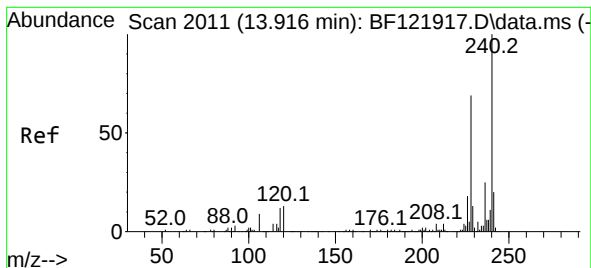
Tgt Ion:198 Resp: 614
Ion Ratio Lower Upper
198 100
51 223.6 29.6 69.6#
105 203.1 24.4 64.4#



#67
4-Bromophenyl-phenylether
Concen: 4.38 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.229 min
Lab File: BF122165.D
Acq: 29 Oct 2020 15:40

Tgt Ion:248 Resp: 20378
Ion Ratio Lower Upper
248 100
250 190.2 77.0 115.6#
141 410.3 53.7 80.5#

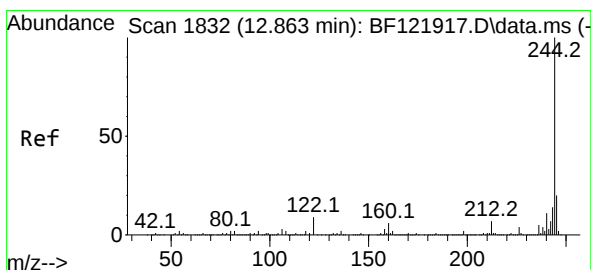
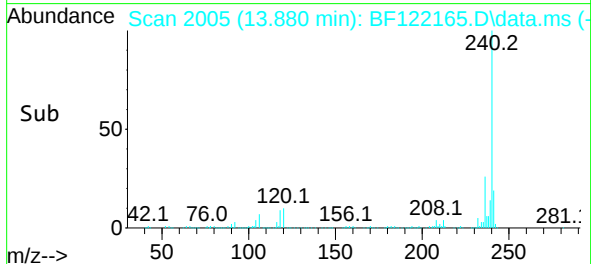
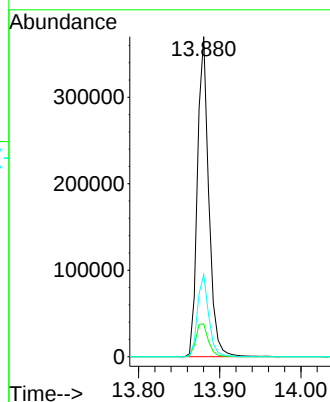
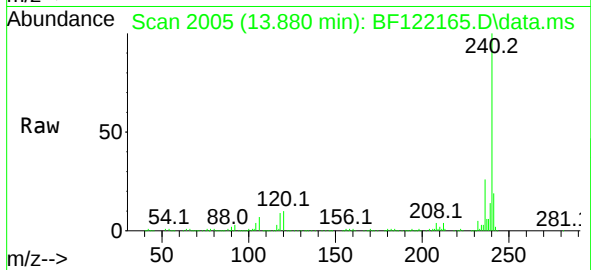




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.880 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BF122165.D
Acq: 29 Oct 2020 15:40

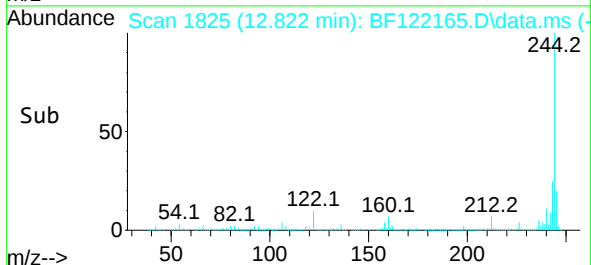
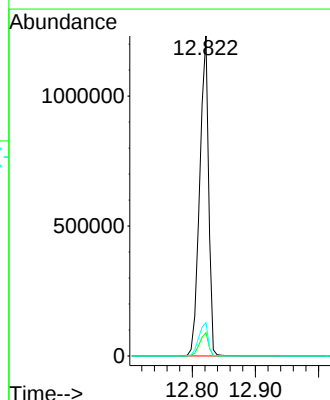
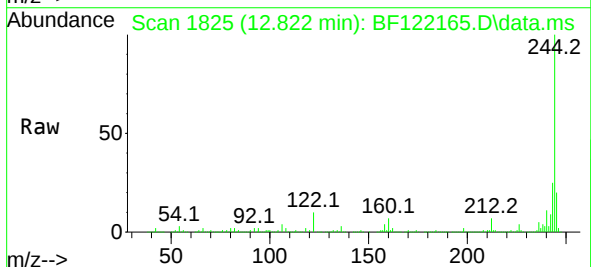
Instrument :
BNA_F
ClientSampleId :
TT-033-IDWSO-20201027

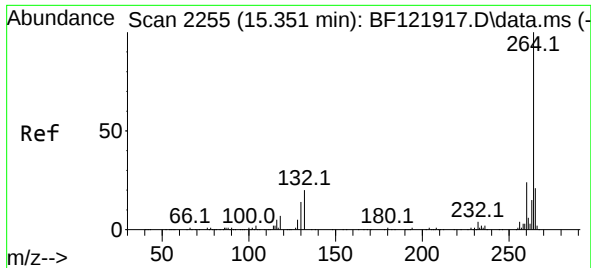
Tgt Ion:240 Resp: 360411
Ion Ratio Lower Upper
240 100
120 10.2 9.2 13.8
236 25.7 20.9 31.3



#79
Terphenyl-d14
Concen: 63.40 ng
RT: 12.822 min Scan# 1825
Delta R.T. 0.006 min
Lab File: BF122165.D
Acq: 29 Oct 2020 15:40

Tgt Ion:244 Resp: 1199029
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.2
122 10.4 8.1 12.1





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.316 min Scan# 2249
 Delta R.T. 0.012 min
 Lab File: BF122165.D
 Acq: 29 Oct 2020 15:40

Instrument :
 BNA_F
 ClientSampleId :
 TT-033-IDWSO-20201027

Tgt Ion:264 Resp: 328168
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.7 28.1
 265 21.6 17.3 25.9

