

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103020\
 Data File : BF122190.D
 Acq On : 30 Oct 2020 20:18
 Operator : JU/CG
 Sample : L4541-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 124036

Quant Time: Oct 31 02:54:27 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)

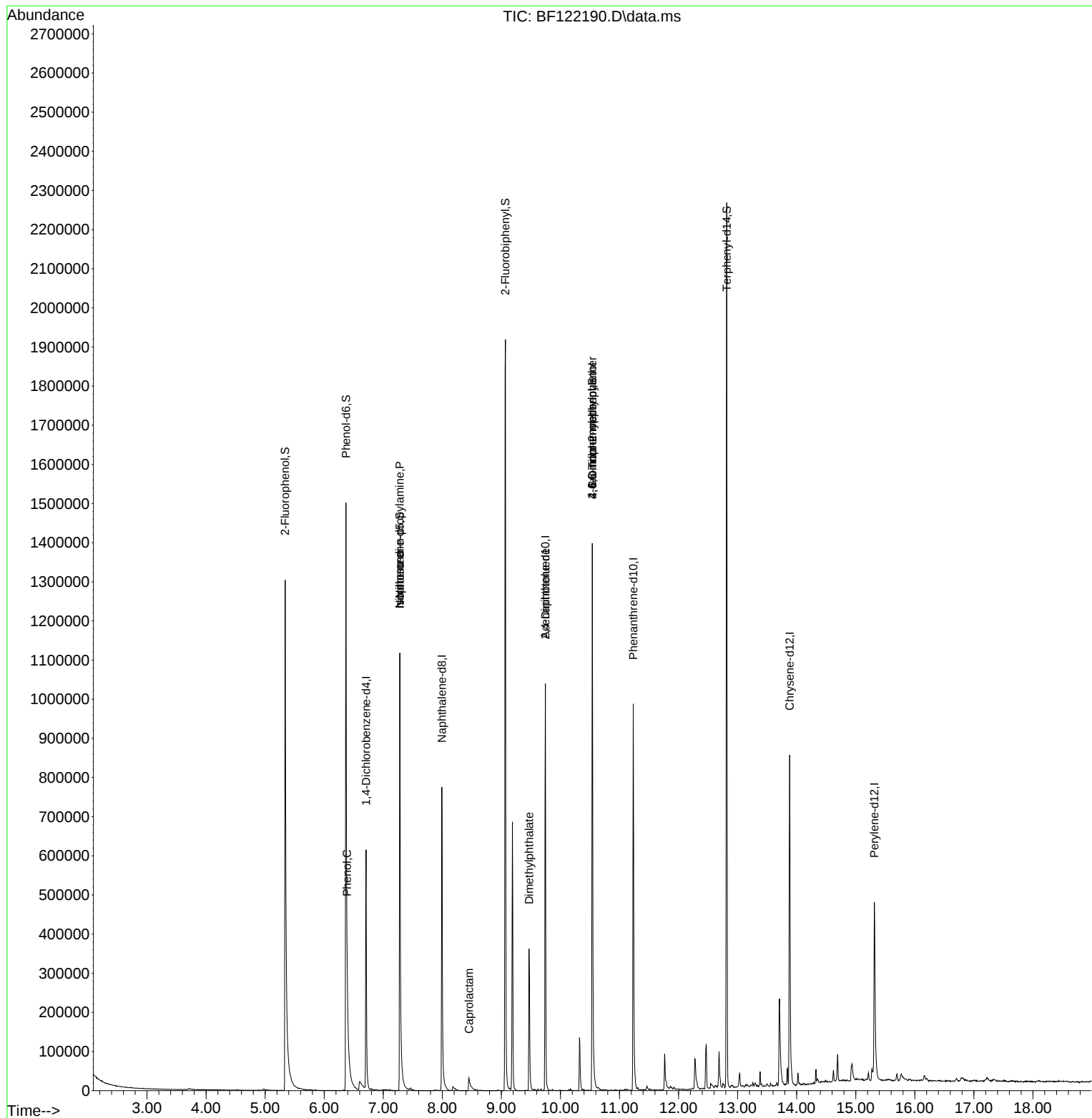
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.710	152	98767	20.00	ng	0.00
21) Naphthalene-d8	7.992	136	397914	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	204967	20.00	ng	0.00
64) Phenanthrene-d10	11.233	188	399779	20.00	ng	0.00
76) Chrysene-d12	13.880	240	312016	20.00	ng	0.00
86) Perylene-d12	15.315	264	246307	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	532606	79.59	ng	0.00
7) Phenol-d6	6.369	99	665344	77.24	ng	0.00
23) Nitrobenzene-d5	7.281	82	426349	54.95	ng	0.00
42) 2,4,6-Tribromophenol	10.539	330	184502	72.77	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	663199	47.61	ng	0.00
79) Terphenyl-d14	12.816	244	681385	41.62	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.369	77	1078	Below Cal	#	3
10) Phenol	6.387	94	35811	4.03	ng	87
19) n-Nitroso-di-n-propyla...	7.281	70	56736	11.57	ng	# 80
25) Isophorone	7.281	82	426349	29.06	ng	# 67
35) Caprolactam	8.451	113	6878	3.55	ng	94
50) Dimethylphthalate	9.469	163	163088	10.88	ng	100
57) 2,4-Dinitrotoluene	9.745	165	26486	6.54	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.539	198	218	4.51	ng	# 1
67) 4-Bromophenyl-phenylether	10.539	248	10738	2.32	ng	# 1

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103020\
Data File : BF122190.D
Acq On : 30 Oct 2020 20:18
Operator : JU/CG
Sample : L4541-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
124036

Quant Time: Oct 31 02:54:27 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

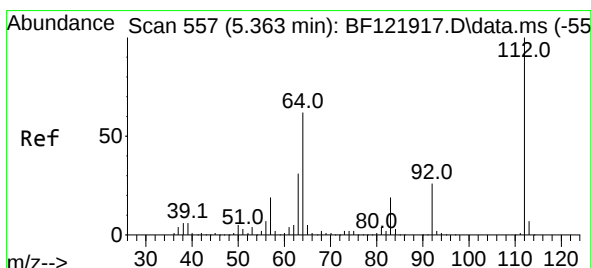
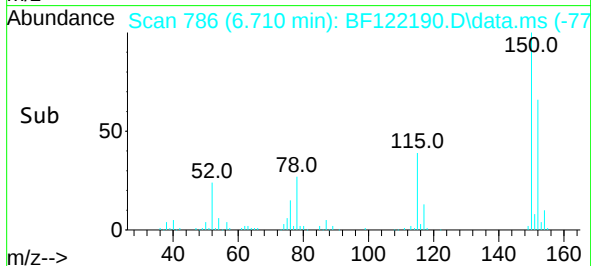
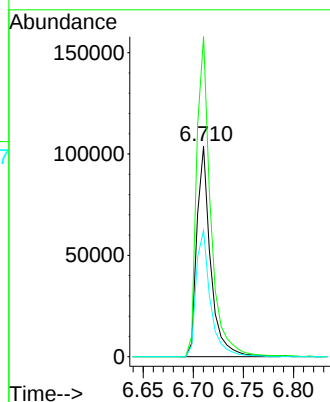
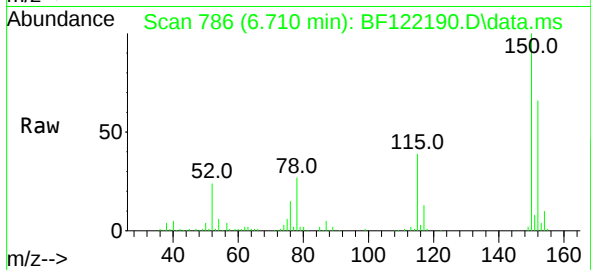




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.710 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF122190.D
Acq: 30 Oct 2020 20:18

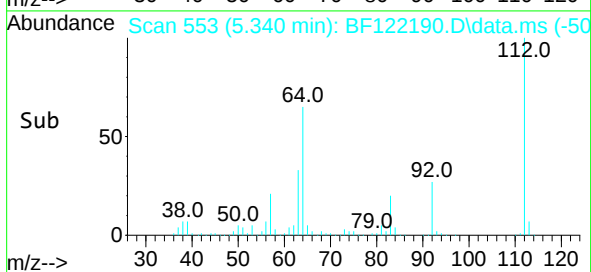
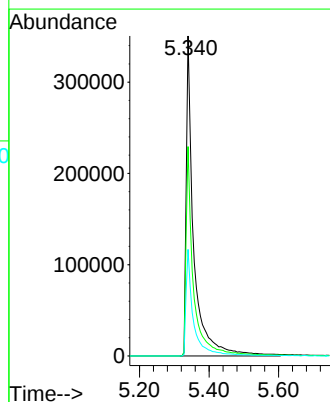
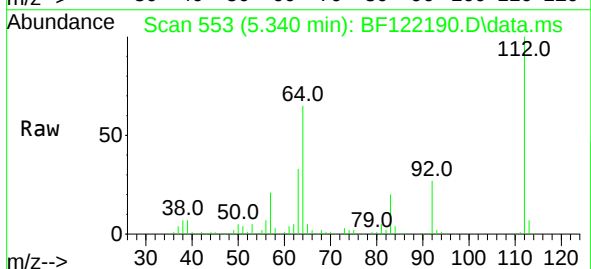
Instrument :
BNA_F
ClientSampleId :
124036

Tgt Ion:152 Resp: 98767
Ion Ratio Lower Upper
152 100
150 152.1 125.3 187.9
115 60.0 51.9 77.9



#5
2-Fluorophenol
Concen: 79.59 ng
RT: 5.340 min Scan# 553
Delta R.T. 0.006 min
Lab File: BF122190.D
Acq: 30 Oct 2020 20:18

Tgt Ion:112 Resp: 532606
Ion Ratio Lower Upper
112 100
64 65.5 50.4 75.6
63 33.3 25.8 38.6

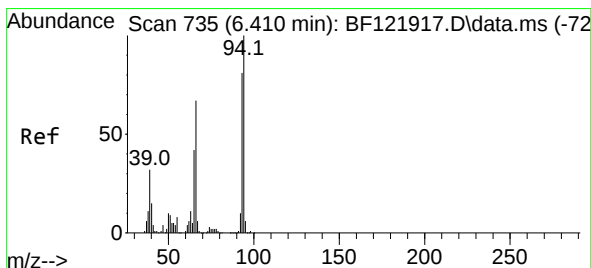
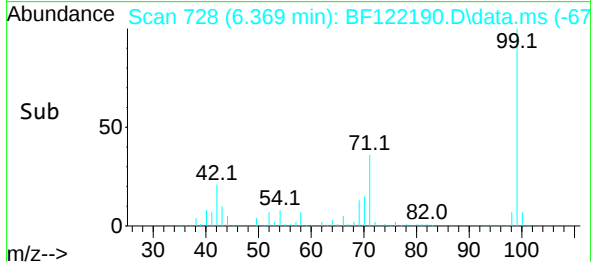
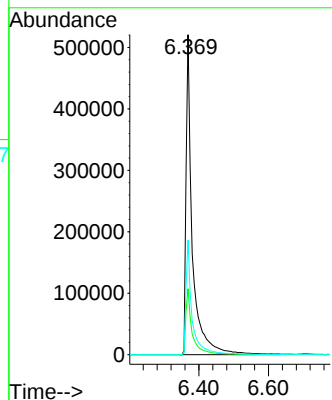
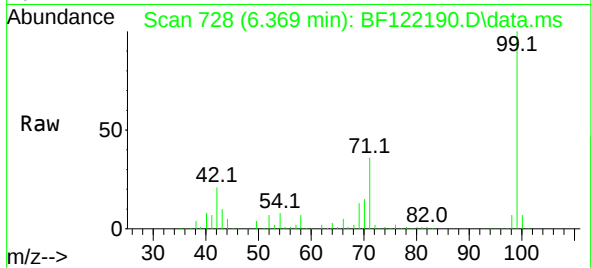




#7
Phenol-d6
Concen: 77.24 ng
RT: 6.369 min Scan# 728
Delta R.T. -0.000 min
Lab File: BF122190.D
Acq: 30 Oct 2020 20:18

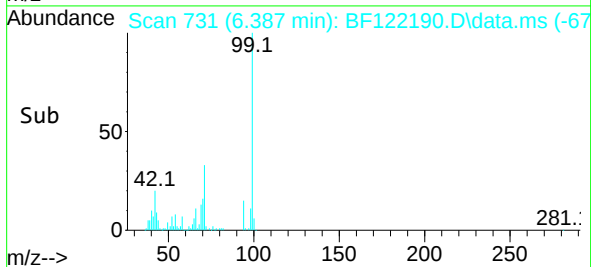
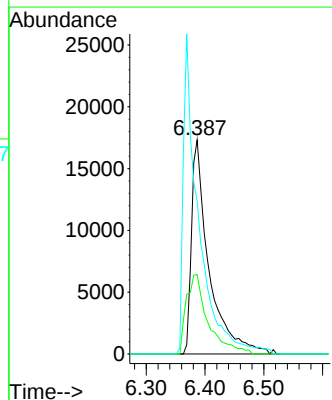
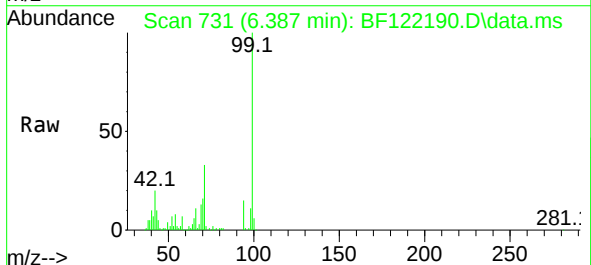
Instrument :
BNA_F
ClientSampleId :
124036

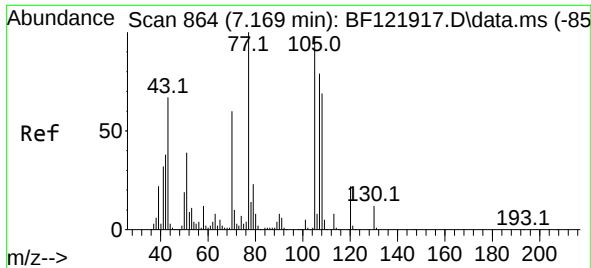
Tgt Ion: 99 Resp: 665344
Ion Ratio Lower Upper
99 100
42 20.6 15.9 23.9
71 35.8 27.1 40.7



#10
Phenol
Concen: 4.03 ng
RT: 6.387 min Scan# 731
Delta R.T. 0.006 min
Lab File: BF122190.D
Acq: 30 Oct 2020 20:18

Tgt Ion: 94 Resp: 35811
Ion Ratio Lower Upper
94 100
65 37.1 17.1 57.1
66 71.6 36.0 76.0

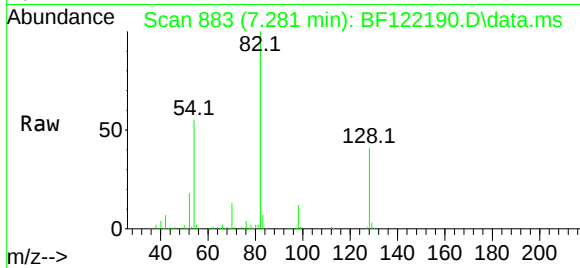




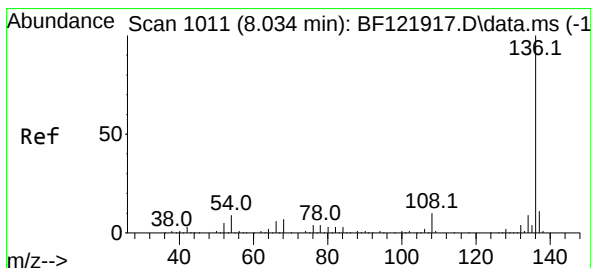
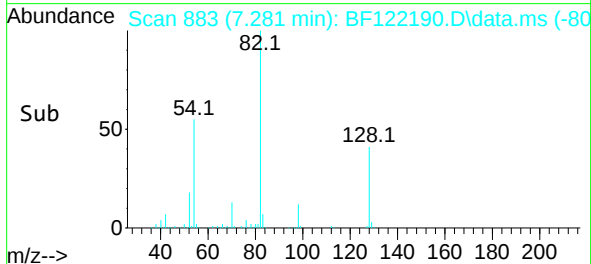
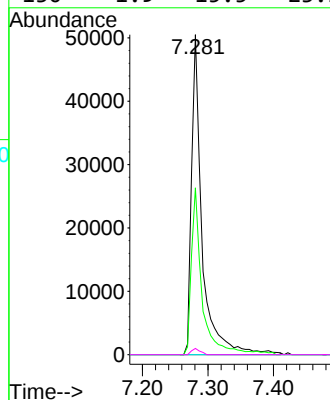
#19

n-Nitroso-di-n-propylamine
Concen: 11.57 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.141 min
Lab File: BF122190.D
Acq: 30 Oct 2020 20:18

Instrument :
BNA_F
ClientSampled :
124036



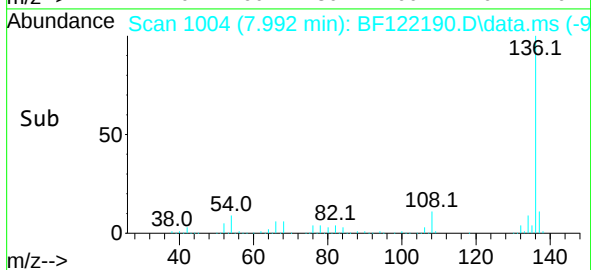
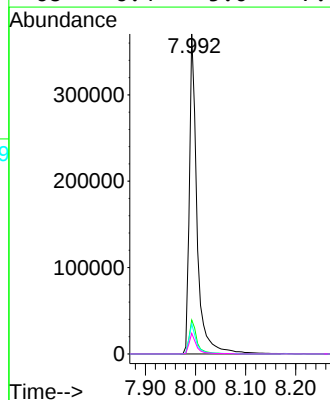
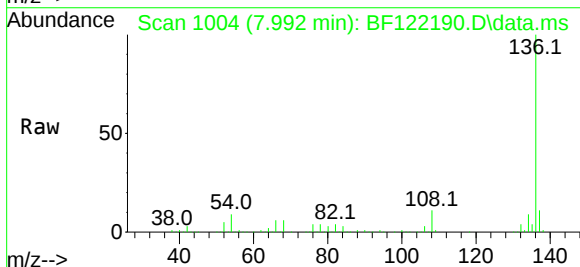
Tgt Ion: 70	Resp: 56736
Ion Ratio	Lower Upper
70	100
42	52.2 50.2 75.4
101	0.0 7.5 11.3#
130	1.9 15.5 23.3#

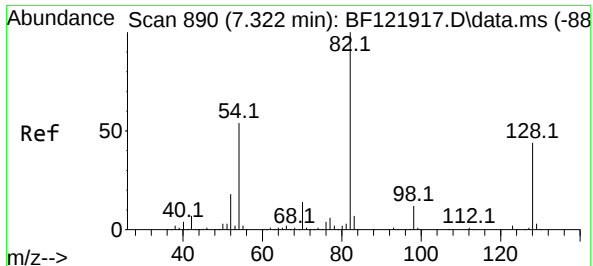


#21

Naphthalene-d8
Concen: 20.00 ng
RT: 7.992 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF122190.D
Acq: 30 Oct 2020 20:18

Tgt Ion: 136	Resp: 397914
Ion Ratio	Lower Upper
136	100
137	10.6 8.6 13.0
54	9.4 7.1 10.7
68	6.4 5.0 7.4





#23

Nitrobenzene-d5

Concen: 54.95 ng

RT: 7.281 min Scan# 883

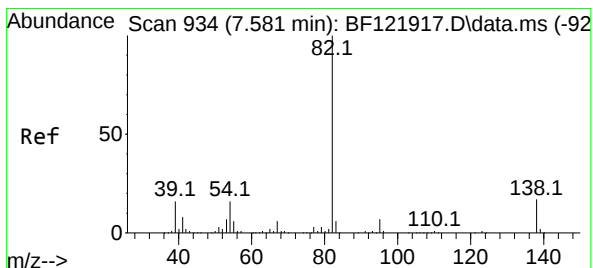
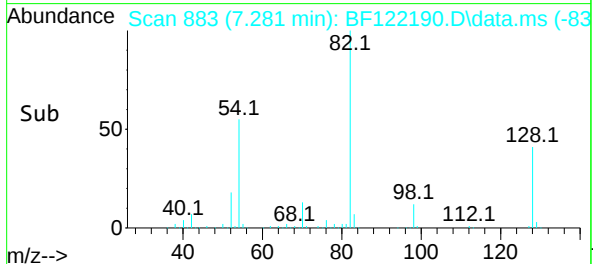
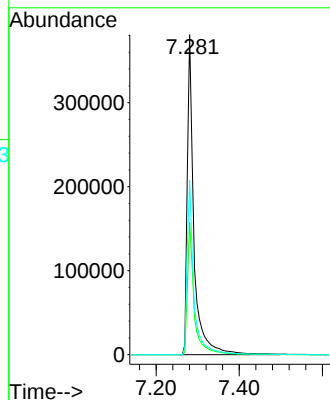
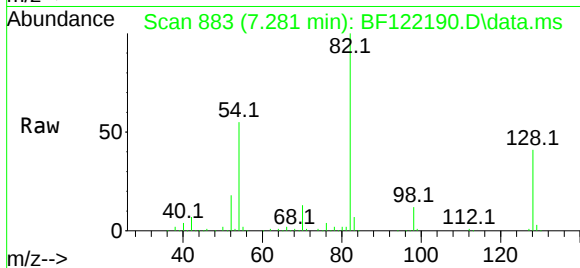
Delta R.T. -0.006 min

Lab File: BF122190.D

Acq: 30 Oct 2020 20:18

Tgt Ion: 82 Resp: 426349

Ion	Ratio	Lower	Upper
82	100		
128	41.4	35.0	52.4
54	54.5	43.9	65.9



#25

Isophorone

Concen: 29.06 ng

RT: 7.281 min Scan# 883

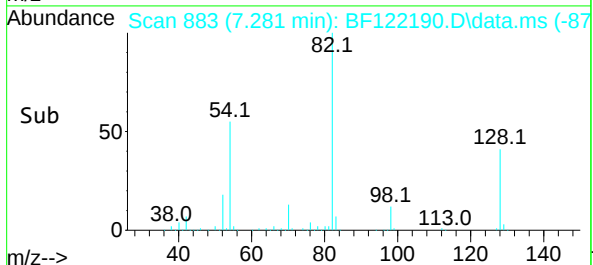
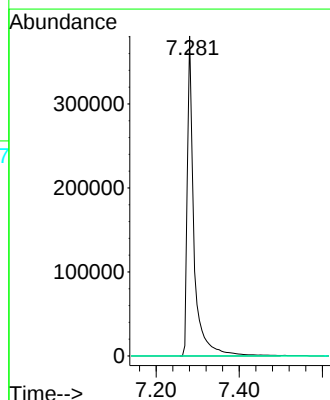
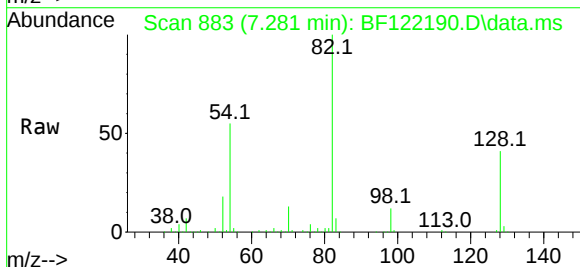
Delta R.T. -0.265 min

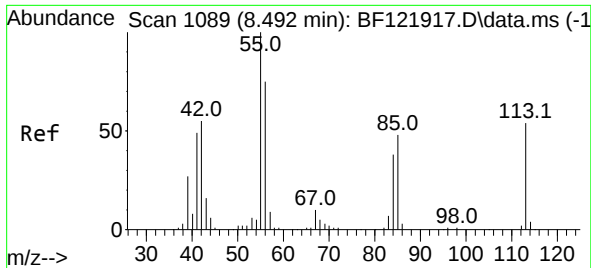
Lab File: BF122190.D

Acq: 30 Oct 2020 20:18

Tgt Ion: 82 Resp: 426349

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.0#
138	0.0	13.4	20.0#

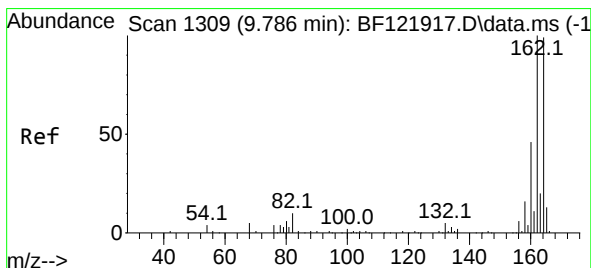
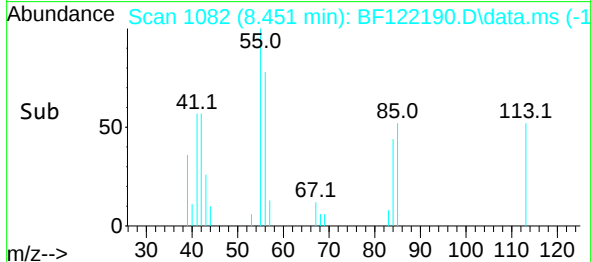
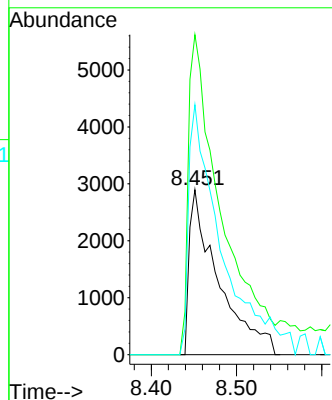
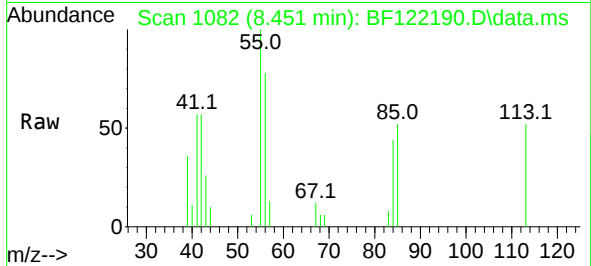




#35
 Caprolactam
 Concen: 3.55 ng
 RT: 8.451 min Scan# 1082
 Delta R.T. -0.012 min
 Lab File: BF122190.D
 Acq: 30 Oct 2020 20:18

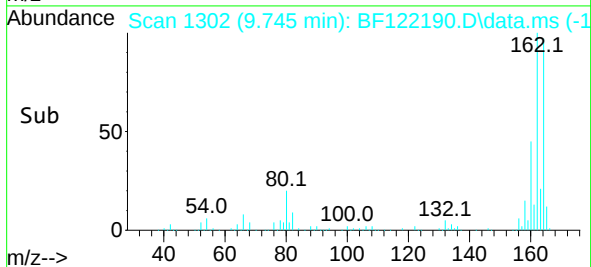
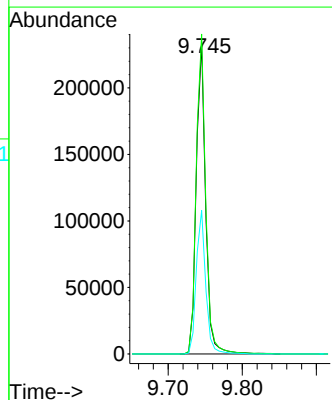
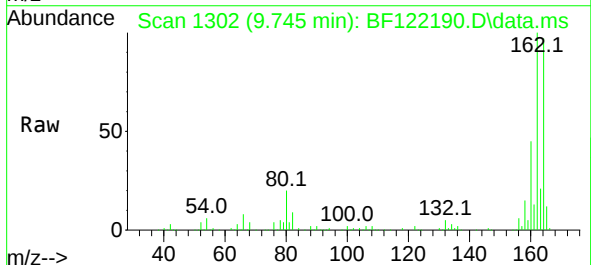
Instrument :
 BNA_F
 ClientSampled :
 124036

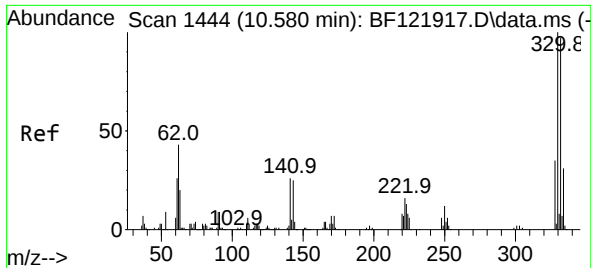
Tgt Ion:113 Resp: 6878
 Ion Ratio Lower Upper
 113 100
 55 193.9 167.5 207.5
 56 151.4 121.2 161.2



#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.745 min Scan# 1302
 Delta R.T. -0.006 min
 Lab File: BF122190.D
 Acq: 30 Oct 2020 20:18

Tgt Ion:164 Resp: 204967
 Ion Ratio Lower Upper
 164 100
 162 103.3 83.2 124.8
 160 46.4 37.5 56.3

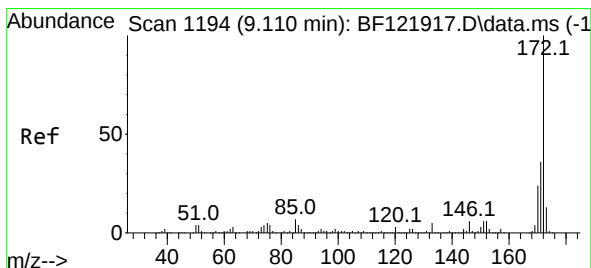
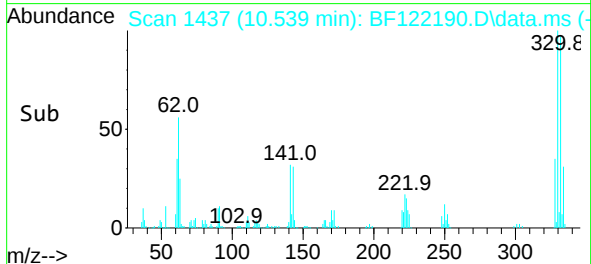
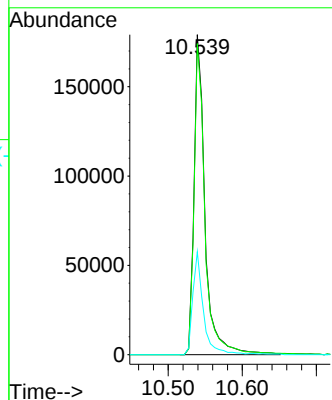
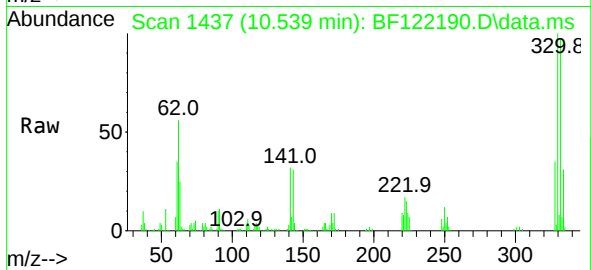




#42
2,4,6-Tribromophenol
Concen: 72.77 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.006 min
Lab File: BF122190.D
Acq: 30 Oct 2020 20:18

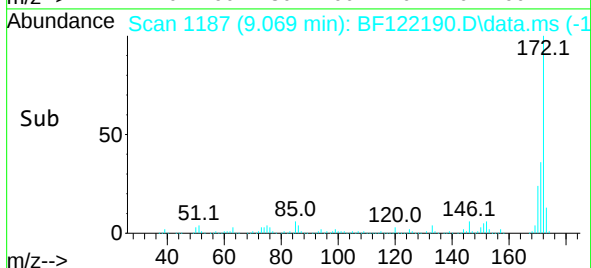
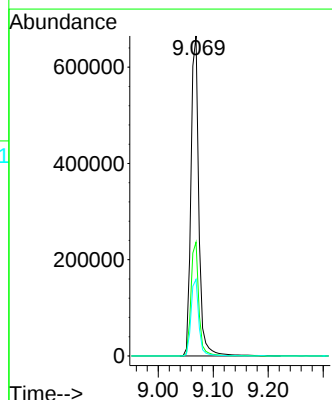
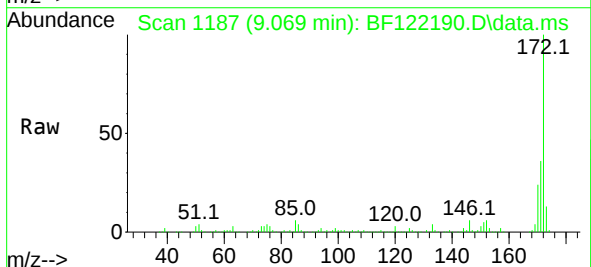
Instrument :
BNA_F
ClientSampleId :
124036

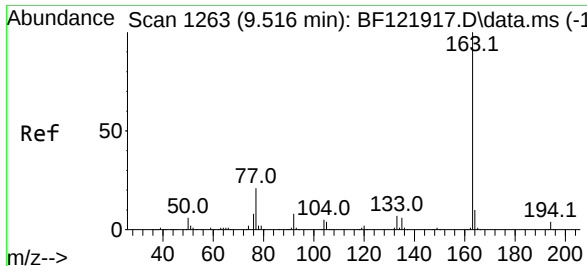
Tgt Ion:330 Resp: 184502
Ion Ratio Lower Upper
330 100
332 97.9 77.3 115.9
141 31.1 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 47.61 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF122190.D
Acq: 30 Oct 2020 20:18

Tgt Ion:172 Resp: 663199
Ion Ratio Lower Upper
172 100
171 35.5 29.1 43.7
170 24.0 19.8 29.6

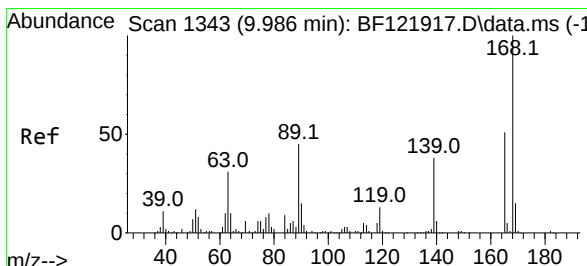
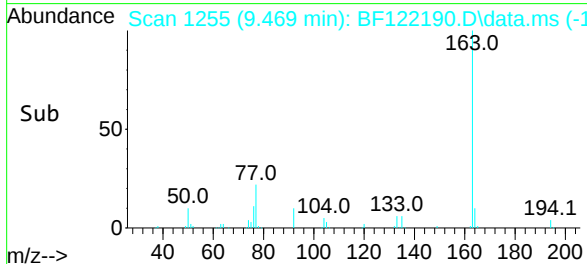
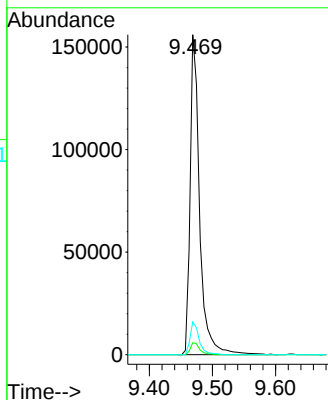
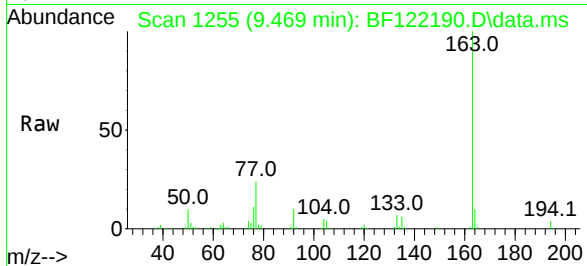




#50
Dimethylphthalate
Concen: 10.88 ng
RT: 9.469 min Scan# 1255
Delta R.T. -0.012 min
Lab File: BF122190.D
Acq: 30 Oct 2020 20:18

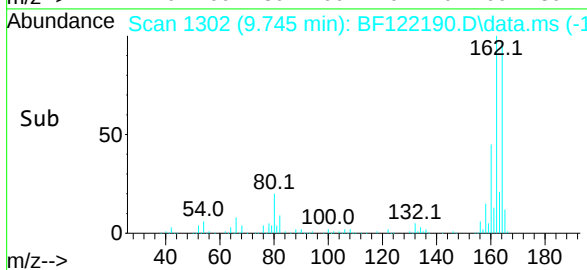
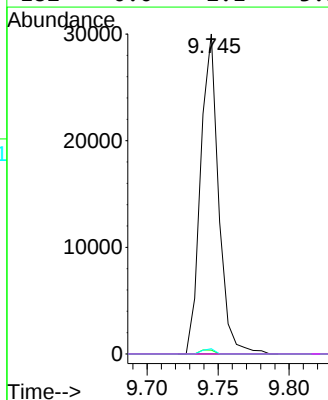
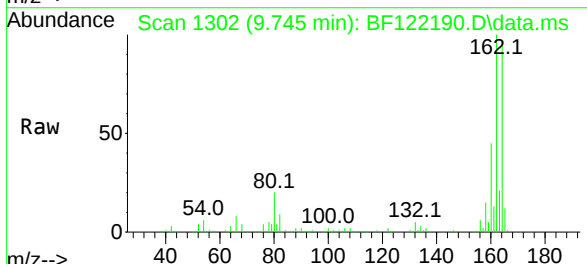
Instrument :
BNA_F
ClientSampleId :
124036

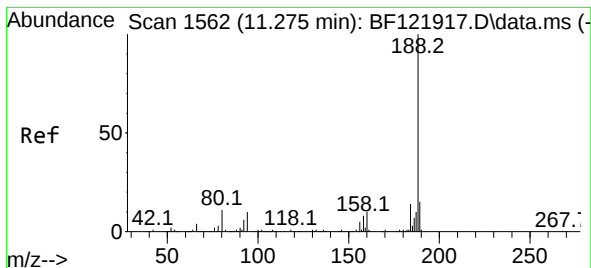
Tgt Ion:163 Resp: 163088
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 10.2 8.2 12.4



#57
2,4-Dinitrotoluene
Concen: 6.54 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.218 min
Lab File: BF122190.D
Acq: 30 Oct 2020 20:18

Tgt Ion:165 Resp: 26486
Ion Ratio Lower Upper
165 100
63 1.2 41.3 61.9#
89 1.7 61.8 92.8#
182 0.0 2.1 3.1#

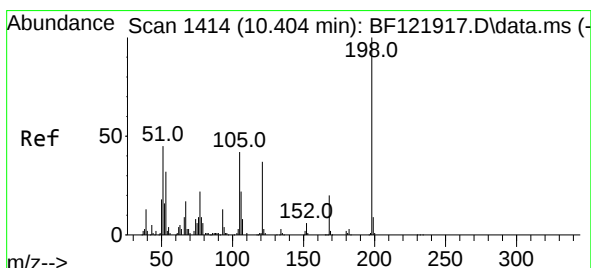
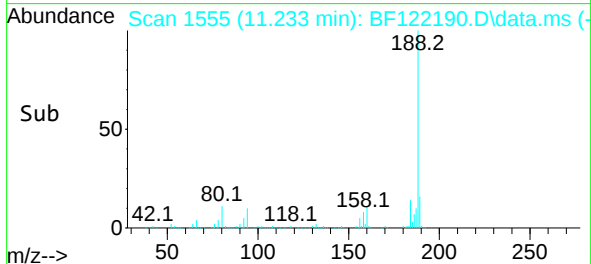
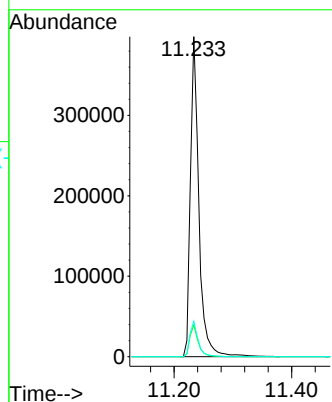
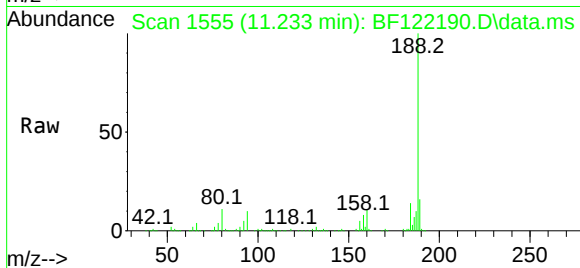




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.233 min Scan# 1555
Delta R.T. -0.000 min
Lab File: BF122190.D
Acq: 30 Oct 2020 20:18

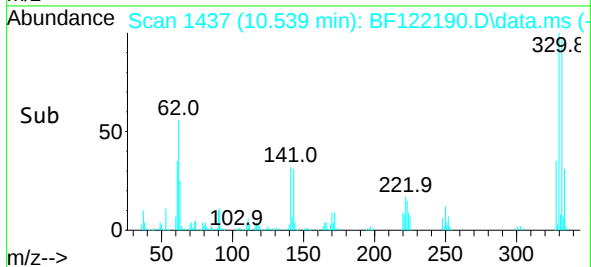
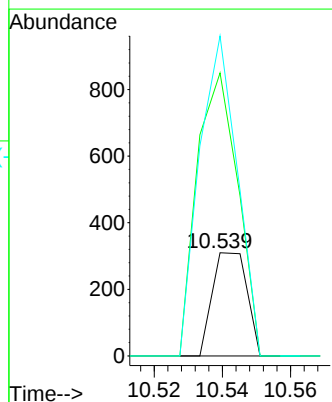
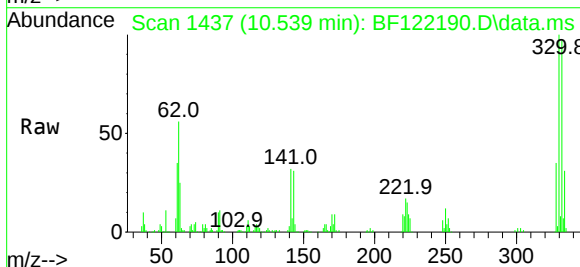
Instrument :
BNA_F
ClientSampleId :
124036

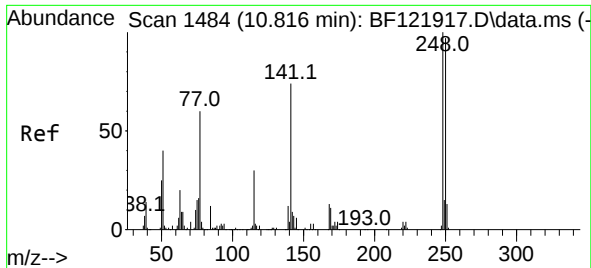
Tgt Ion:188 Resp: 399779
Ion Ratio Lower Upper
188 100
94 9.9 8.3 12.5
80 11.1 9.1 13.7



#65
4,6-Dinitro-2-methylphenol
Concen: 4.51 ng
RT: 10.539 min Scan# 1437
Delta R.T. 0.165 min
Lab File: BF122190.D
Acq: 30 Oct 2020 20:18

Tgt Ion:198 Resp: 218
Ion Ratio Lower Upper
198 100
51 274.2 29.6 69.6#
105 310.0 24.4 64.4#

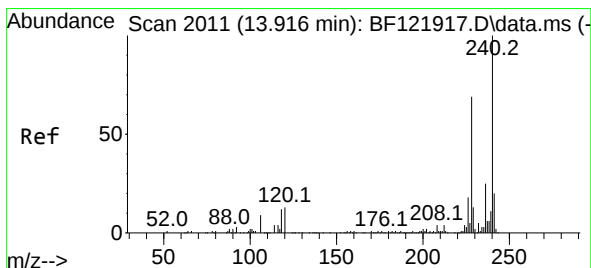
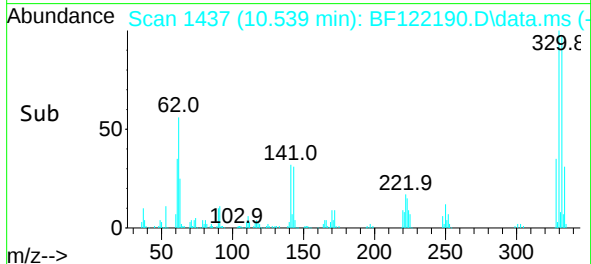
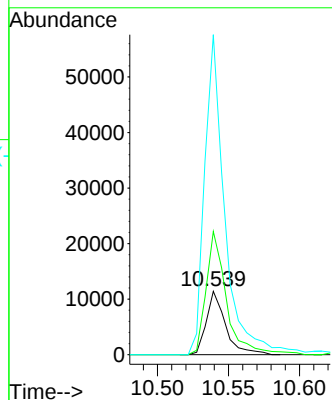
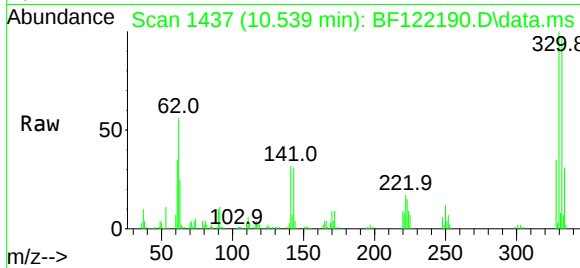




#67
4-Bromophenyl-phenylether
Concen: 2.32 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.235 min
Lab File: BF122190.D
Acq: 30 Oct 2020 20:18

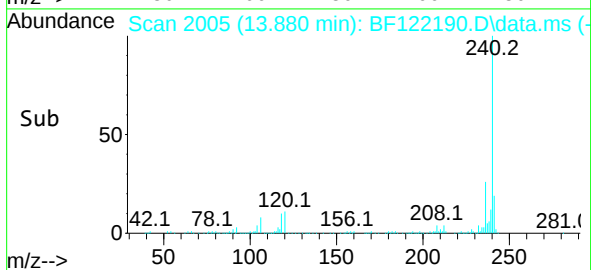
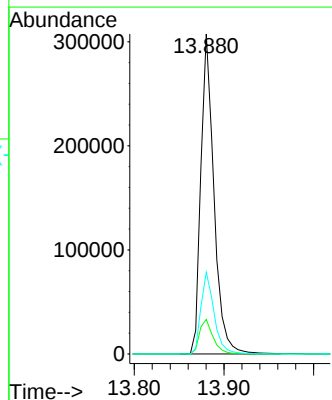
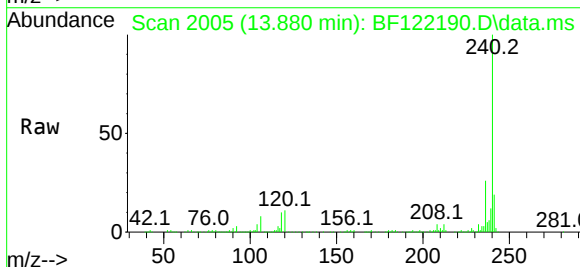
Instrument :
BNA_F
ClientSampled :
124036

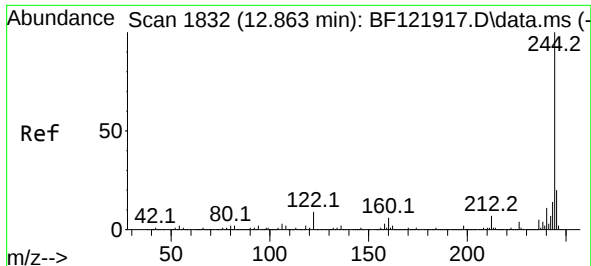
Tgt Ion:248 Resp: 10738
Ion Ratio Lower Upper
248 100
250 194.4 77.0 115.6#
141 504.8 53.7 80.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BF122190.D
Acq: 30 Oct 2020 20:18

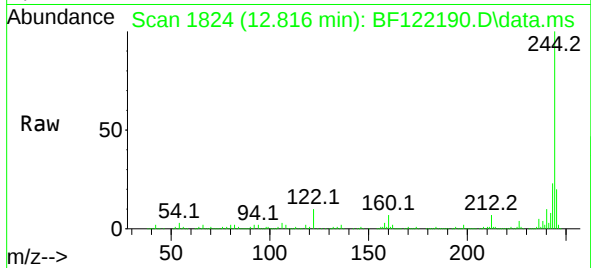
Tgt Ion:240 Resp: 312016
Ion Ratio Lower Upper
240 100
120 10.8 9.2 13.8
236 25.6 20.9 31.3



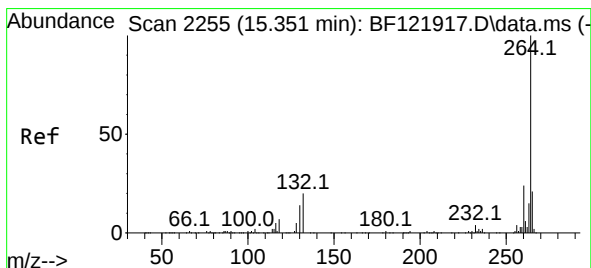
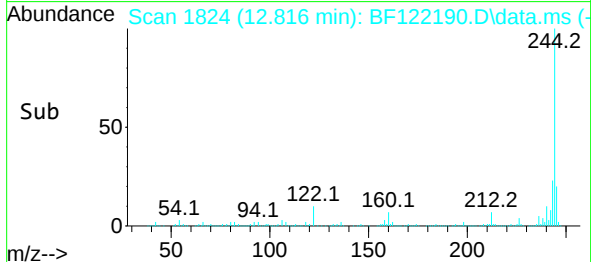
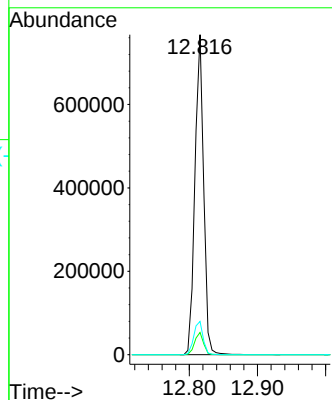


#79
 Terphenyl-d14
 Concen: 41.62 ng
 RT: 12.816 min Scan# 1824
 Delta R.T. -0.000 min
 Lab File: BF122190.D
 Acq: 30 Oct 2020 20:18

Instrument :
 BNA_F
 ClientSampled :
 124036



Tgt Ion:244 Resp: 681385
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.2
 122 10.4 8.1 12.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.315 min Scan# 2249
 Delta R.T. 0.012 min
 Lab File: BF122190.D
 Acq: 30 Oct 2020 20:18

Tgt Ion:264 Resp: 246307
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.7 28.1
 265 21.7 17.3 25.9

