

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103020\
 Data File : BF122200.D
 Acq On : 31 Oct 2020 1:28
 Operator : JU/CG
 Sample : L4222-11
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-102920

Quant Time: Oct 31 03:05:14 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)

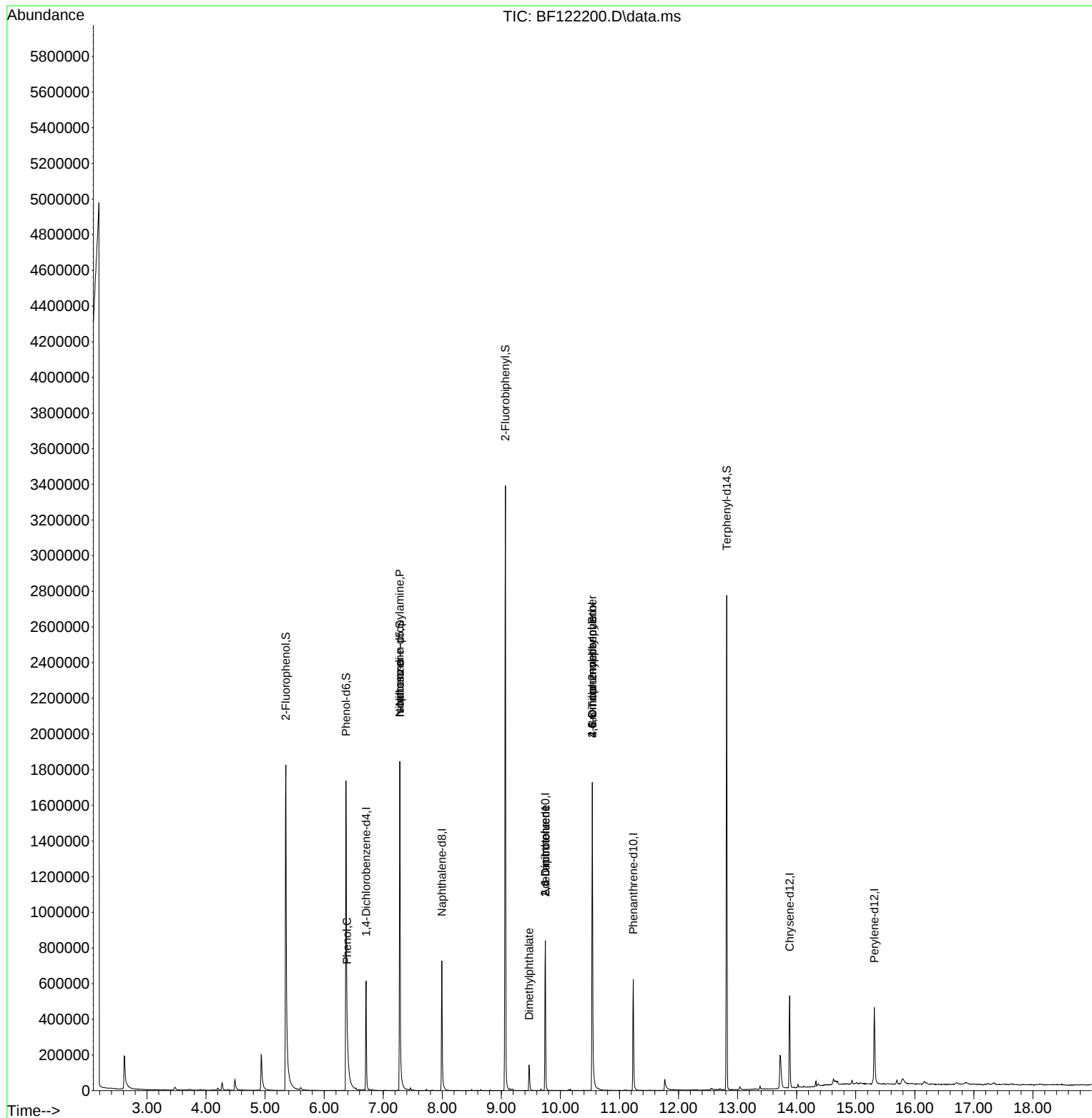
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.710	152	92693	20.00	ng	0.00
21) Naphthalene-d8	7.992	136	357262	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	169952	20.00	ng	0.00
64) Phenanthrene-d10	11.233	188	258009	20.00	ng	0.00
76) Chrysene-d12	13.880	240	189461	20.00	ng	0.00
86) Perylene-d12	15.315	264	202230	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	711364	113.27	ng	0.02
7) Phenol-d6	6.369	99	792882	98.07	ng	0.00
23) Nitrobenzene-d5	7.281	82	653863	93.86	ng	0.00
42) 2,4,6-Tribromophenol	10.539	330	243413	115.78	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	1060986	91.85	ng	0.00
79) Terphenyl-d14	12.816	244	806370	81.11	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.369	77	1059	Below Cal	#	3
10) Phenol	6.387	94	28205	3.38 ng	#	75
19) n-Nitroso-di-n-propyla...	7.281	70	86797	18.86 ng	#	79
25) Isophorone	7.281	82	653860	49.64 ng	#	67
50) Dimethylphthalate	9.469	163	68751	5.53 ng		100
51) 2,6-Dinitrotoluene	9.745	165	21421	7.86 ng	#	21
57) 2,4-Dinitrotoluene	9.745	165	21421	6.38 ng	#	20
65) 4,6-Dinitro-2-methylph...	10.539	198	488	4.69 ng	#	1
67) 4-Bromophenyl-phenylether	10.539	248	14420	4.84 ng	#	1

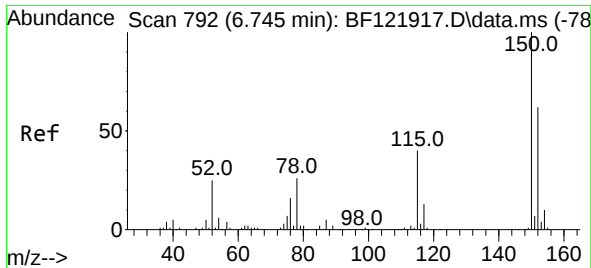
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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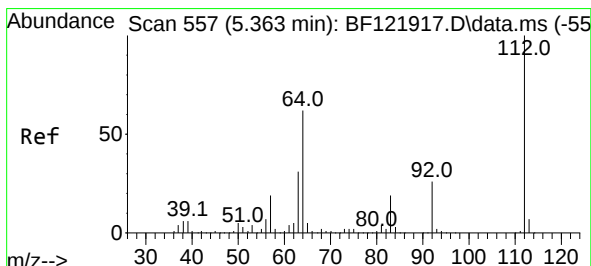
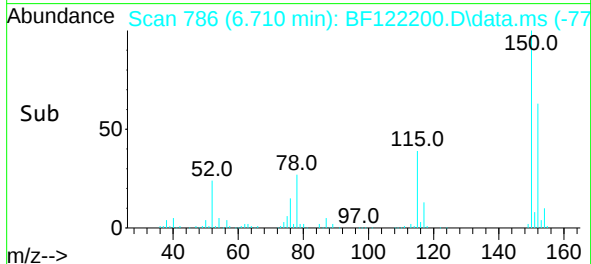
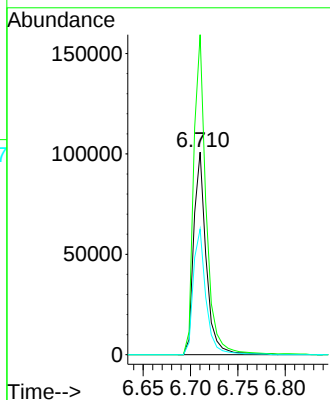
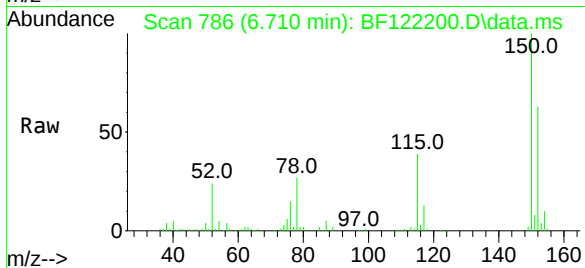




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.710 min Scan# 786
 Delta R.T. -0.006 min
 Lab File: BF122200.D
 Acq: 31 Oct 2020 1:28

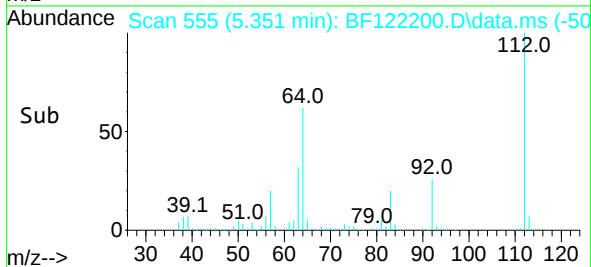
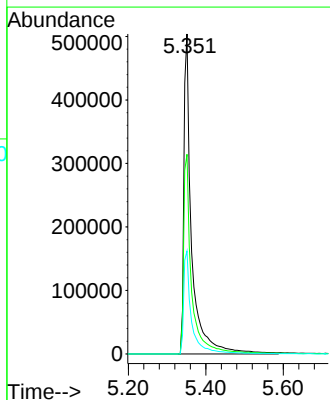
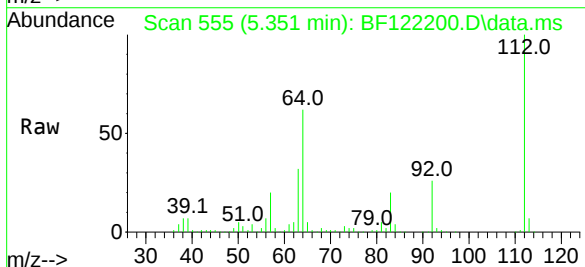
Instrument :
 BNA_F
 ClientSampleId :
 EO-02-102920

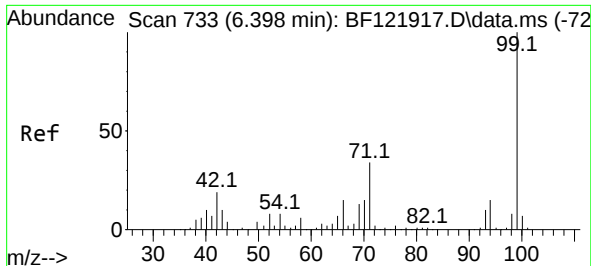
Tgt Ion:152 Resp: 92693
 Ion Ratio Lower Upper
 152 100
 150 158.0 125.3 187.9
 115 62.0 51.9 77.9



#5
 2-Fluorophenol
 Concen: 113.27 ng
 RT: 5.351 min Scan# 555
 Delta R.T. 0.018 min
 Lab File: BF122200.D
 Acq: 31 Oct 2020 1:28

Tgt Ion:112 Resp: 711364
 Ion Ratio Lower Upper
 112 100
 64 62.4 50.4 75.6
 63 32.2 25.8 38.6

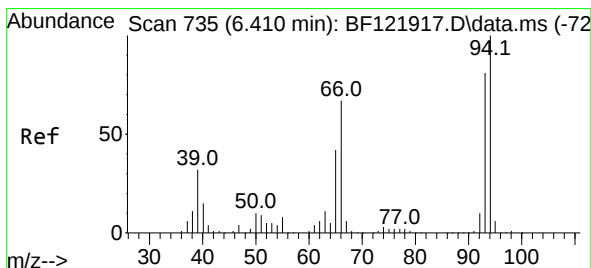
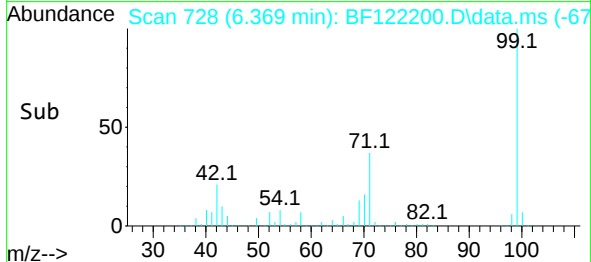
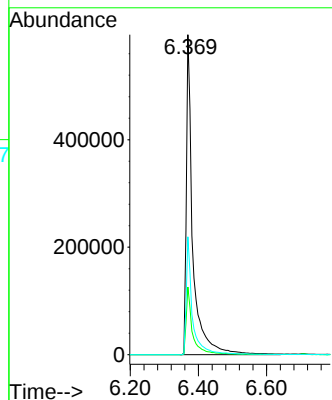
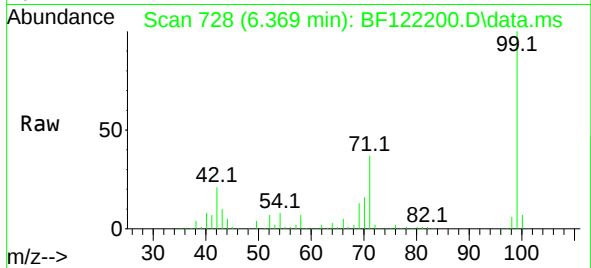




#7
Phenol-d6
Concen: 98.07 ng
RT: 6.369 min Scan# 728
Delta R.T. 0.000 min
Lab File: BF122200.D
Acq: 31 Oct 2020 1:28

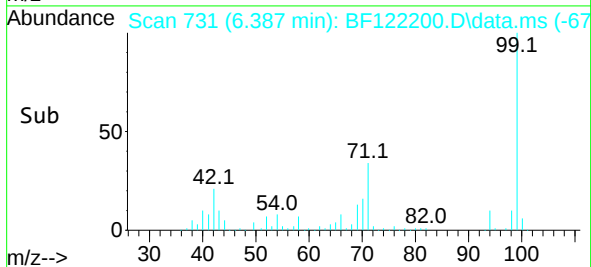
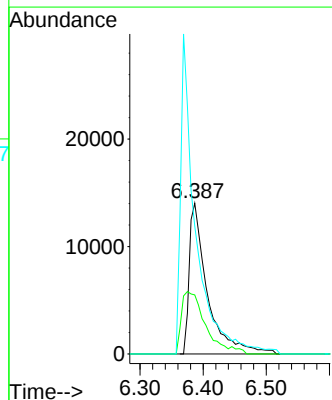
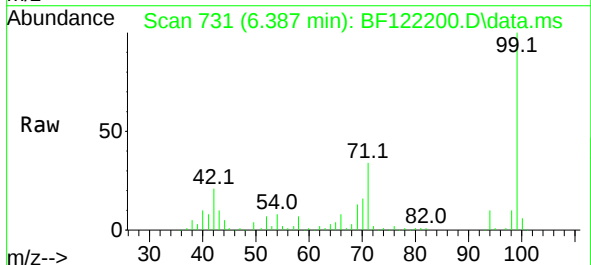
Instrument :
BNA_F
ClientSampleId :
EO-02-102920

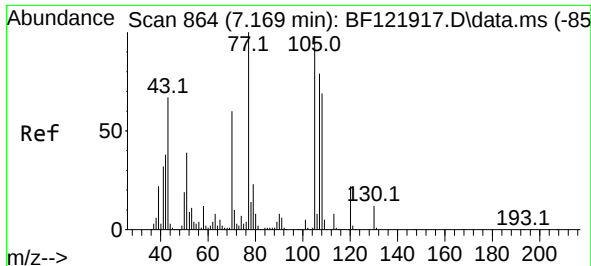
Tgt Ion: 99 Resp: 792882
Ion Ratio Lower Upper
99 100
42 21.1 15.9 23.9
71 36.8 27.1 40.7



#10
Phenol
Concen: 3.38 ng
RT: 6.387 min Scan# 731
Delta R.T. 0.006 min
Lab File: BF122200.D
Acq: 31 Oct 2020 1:28

Tgt Ion: 94 Resp: 28205
Ion Ratio Lower Upper
94 100
65 39.2 17.1 57.1
66 84.8 36.0 76.0#

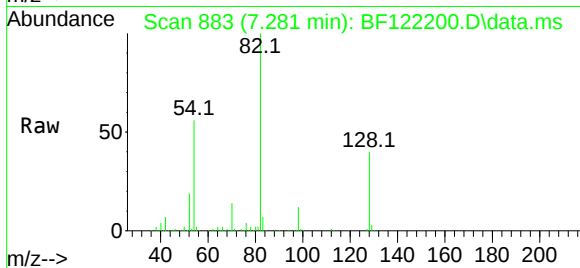




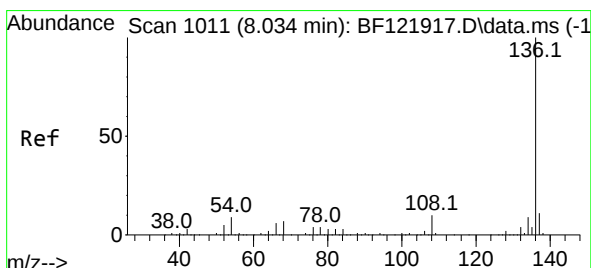
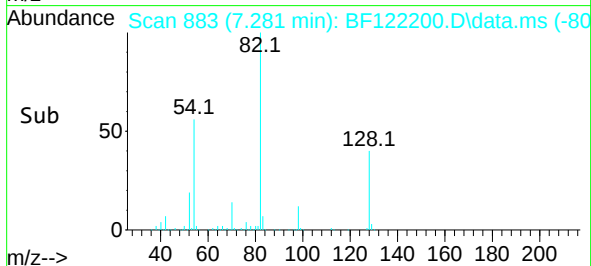
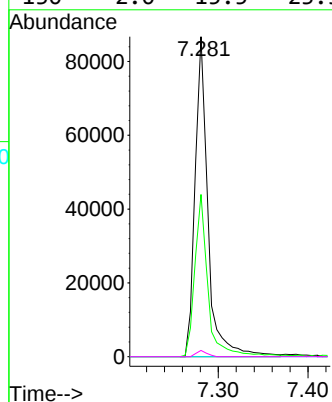
#19

n-Nitroso-di-n-propylamine
Concen: 18.86 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.141 min
Lab File: BF122200.D
Acq: 31 Oct 2020 1:28

Instrument :
BNA_F
ClientSampleId :
EO-02-102920



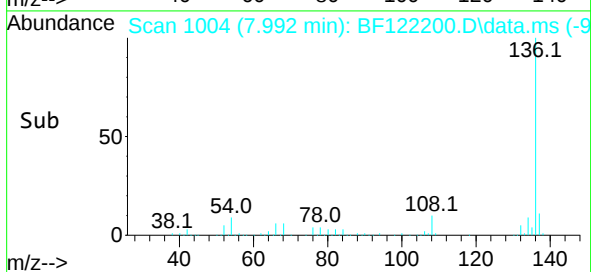
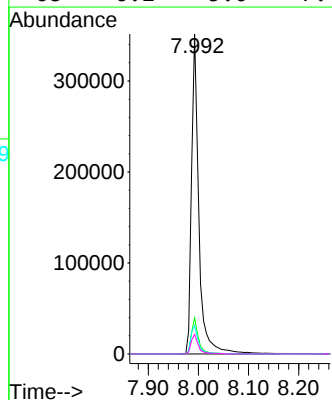
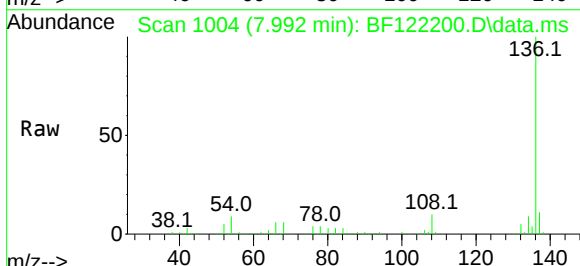
Tgt Ion:	70	Resp:	86797
Ion	Ratio	Lower	Upper
70	100		
42	50.7	50.2	75.4
101	0.0	7.5	11.3#
130	2.0	15.5	23.3#

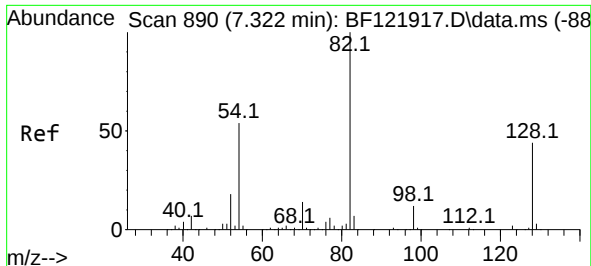


#21

Naphthalene-d8
Concen: 20.00 ng
RT: 7.992 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF122200.D
Acq: 31 Oct 2020 1:28

Tgt Ion:	136	Resp:	357262
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	13.0
54	8.9	7.1	10.7
68	6.2	5.0	7.4

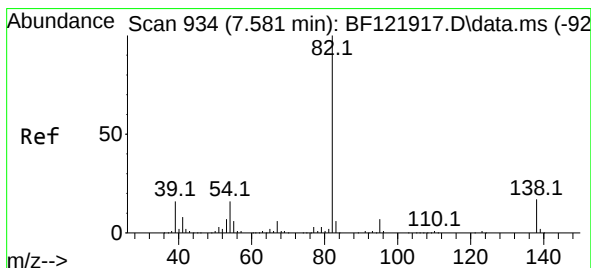
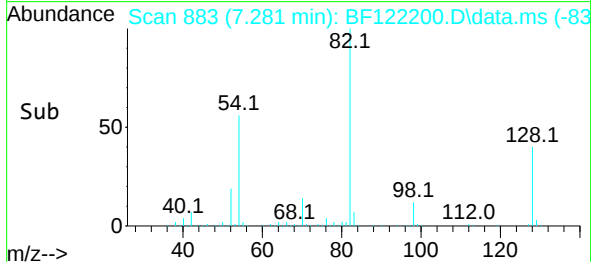
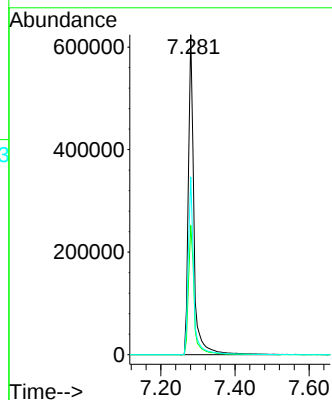
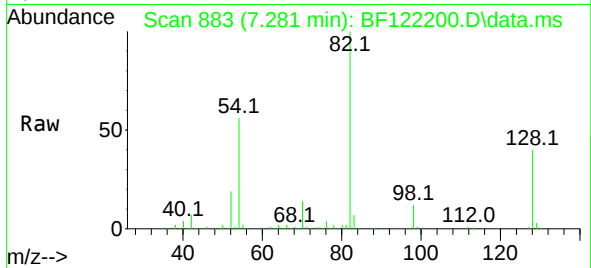




#23
Nitrobenzene-d5
Concen: 93.86 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF122200.D
Acq: 31 Oct 2020 1:28

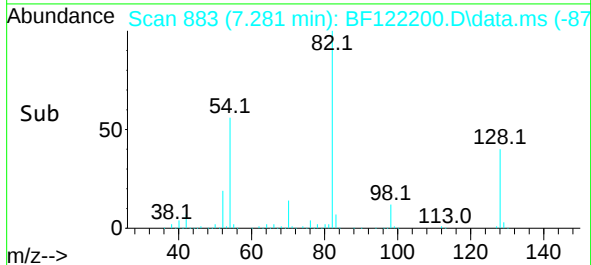
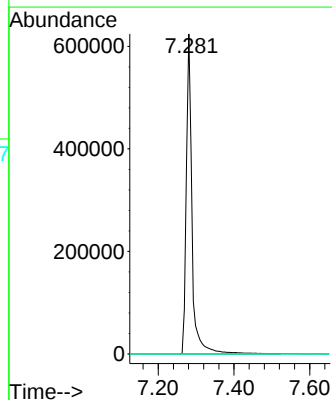
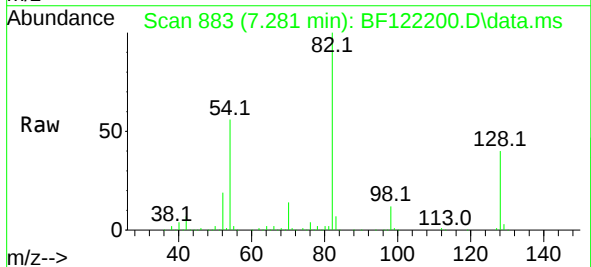
Instrument :
BNA_F
ClientSampleId :
EO-02-102920

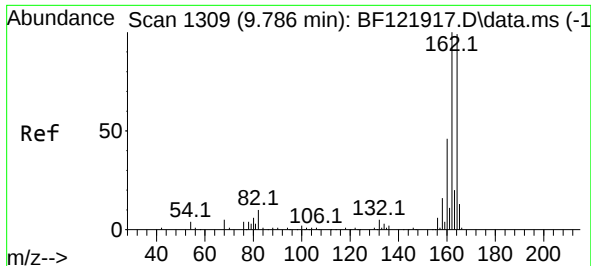
Tgt Ion: 82 Resp: 653863
Ion Ratio Lower Upper
82 100
128 40.4 35.0 52.4
54 55.5 43.9 65.9



#25
Isophorone
Concen: 49.64 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.265 min
Lab File: BF122200.D
Acq: 31 Oct 2020 1:28

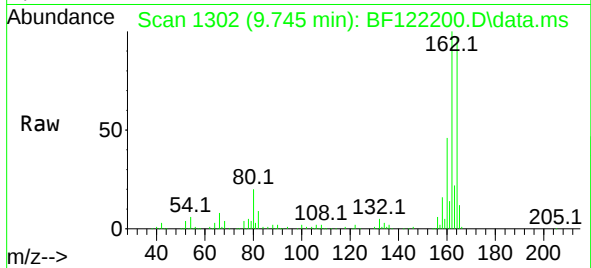
Tgt Ion: 82 Resp: 653860
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



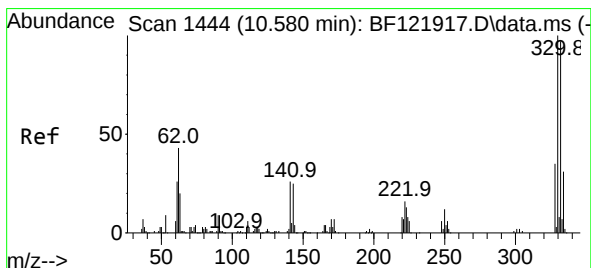
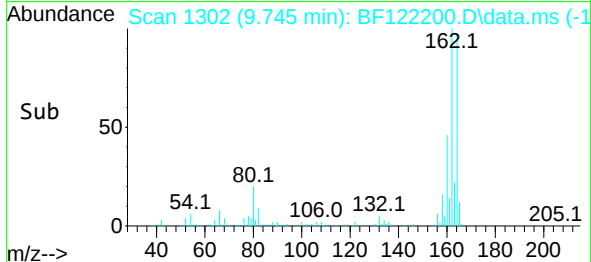
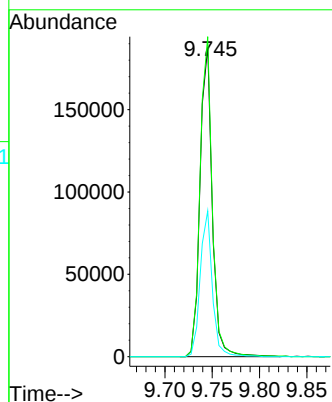


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF122200.D
Acq: 31 Oct 2020 1:28

Instrument :
BNA_F
ClientSampleId :
EO-02-102920

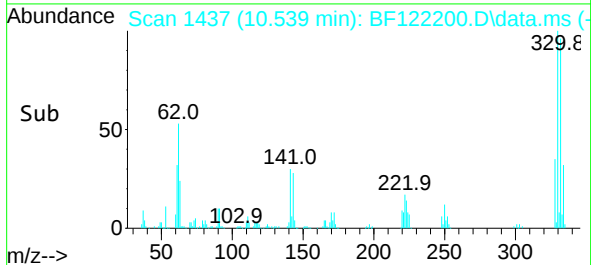
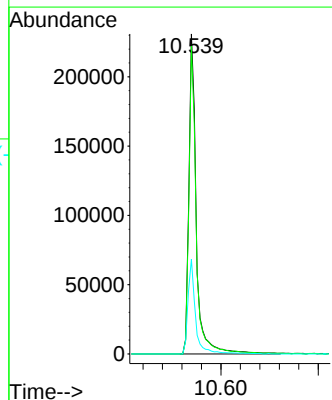
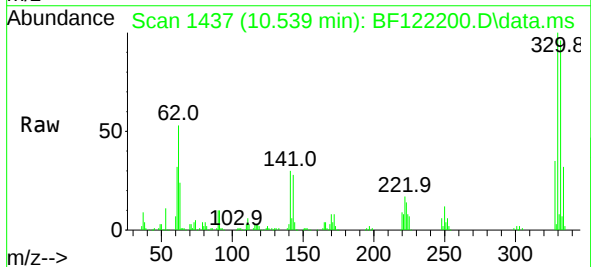


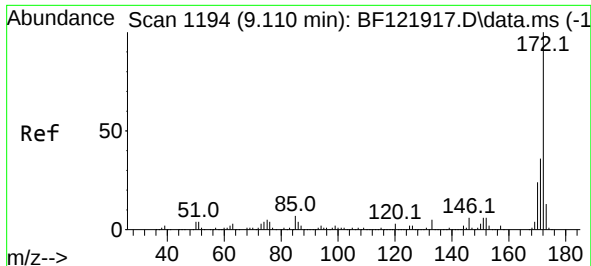
Tgt Ion:164 Resp: 169952
Ion Ratio Lower Upper
164 100
162 103.3 83.2 124.8
160 47.1 37.5 56.3



#42
2,4,6-Tribromophenol
Concen: 115.78 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.006 min
Lab File: BF122200.D
Acq: 31 Oct 2020 1:28

Tgt Ion:330 Resp: 243413
Ion Ratio Lower Upper
330 100
332 95.6 77.3 115.9
141 30.2 22.3 33.5

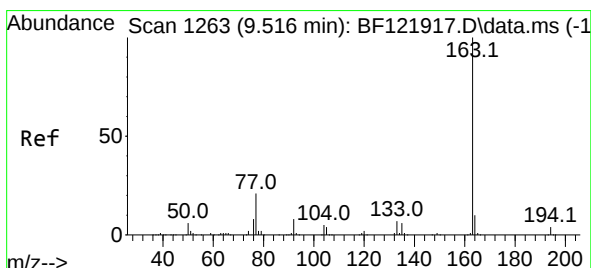
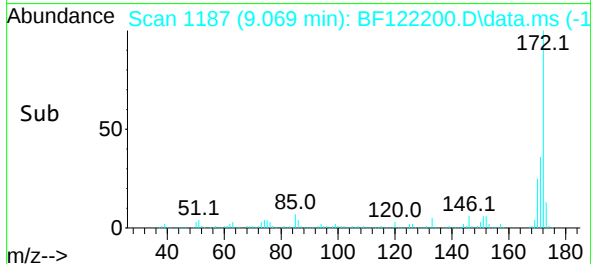
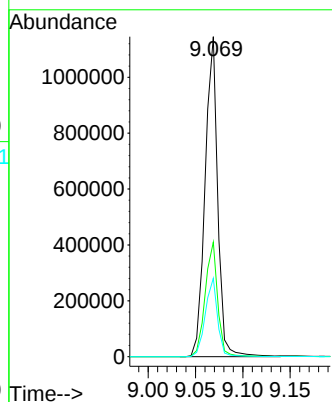
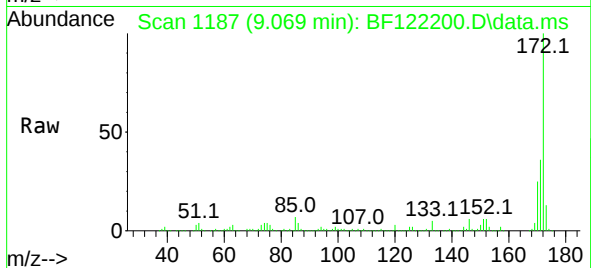




#45
2-Fluorobiphenyl
Concen: 91.85 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF122200.D
Acq: 31 Oct 2020 1:28

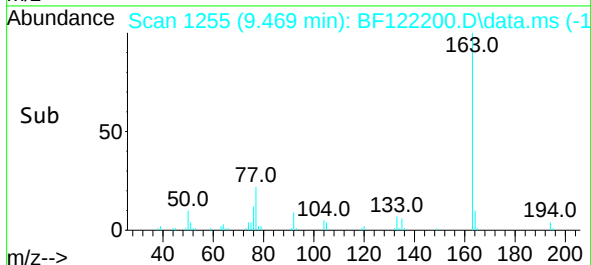
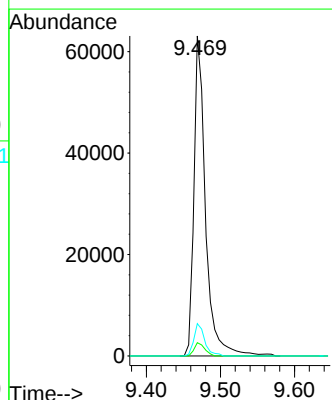
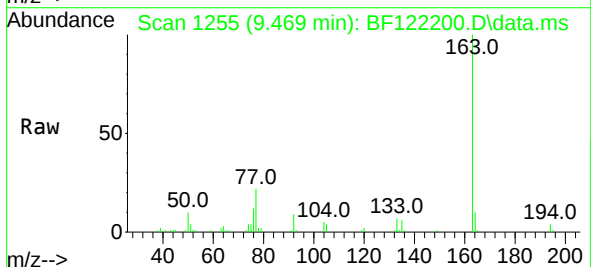
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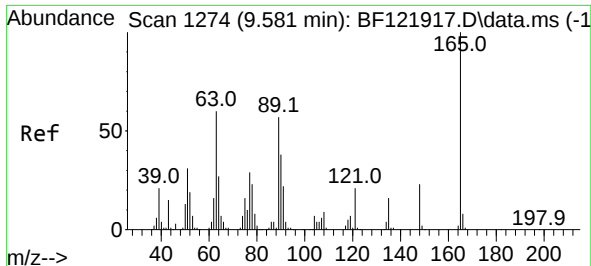
Tgt Ion:172 Resp: 1060986
Ion Ratio Lower Upper
172 100
171 35.8 29.1 43.7
170 24.5 19.8 29.6



#50
Dimethylphthalate
Concen: 5.53 ng
RT: 9.469 min Scan# 1255
Delta R.T. -0.012 min
Lab File: BF122200.D
Acq: 31 Oct 2020 1:28

Tgt Ion:163 Resp: 68751
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.1 8.2 12.4

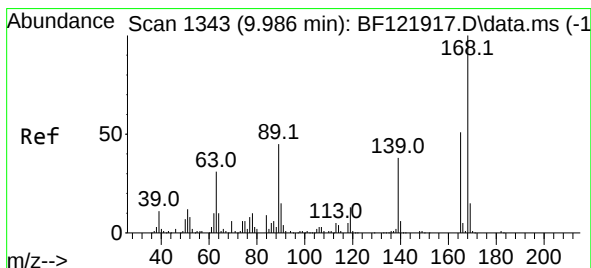
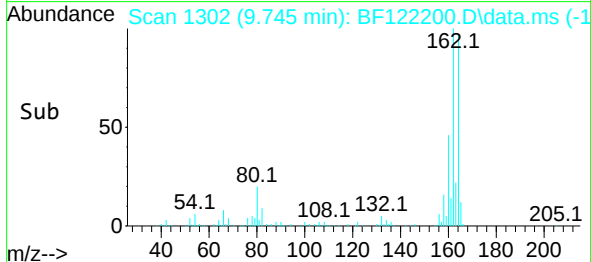
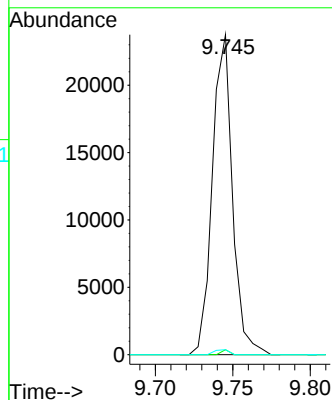
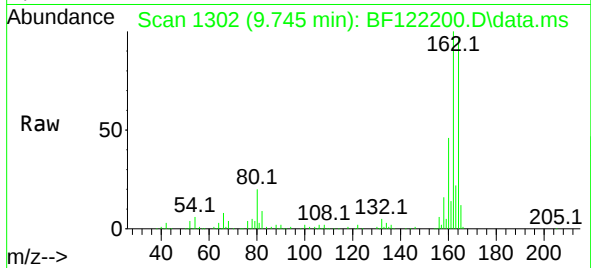




#51
2,6-Dinitrotoluene
Concen: 7.86 ng
RT: 9.745 min Scan# 1302
Delta R.T. 0.194 min
Lab File: BF122200.D
Acq: 31 Oct 2020 1:28

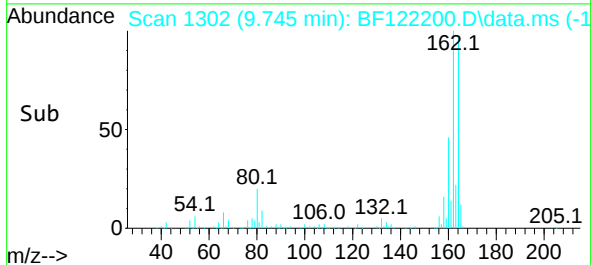
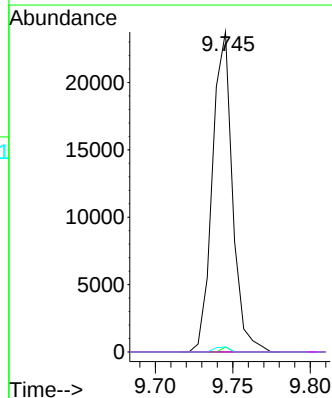
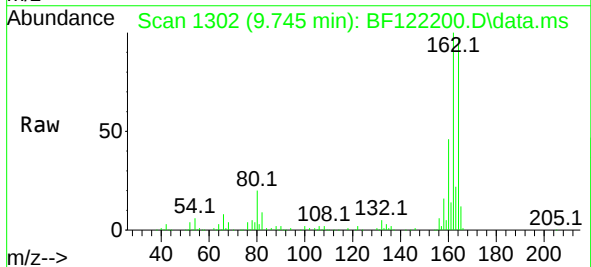
Instrument :
BNA_F
ClientSampleId :
EO-02-102920

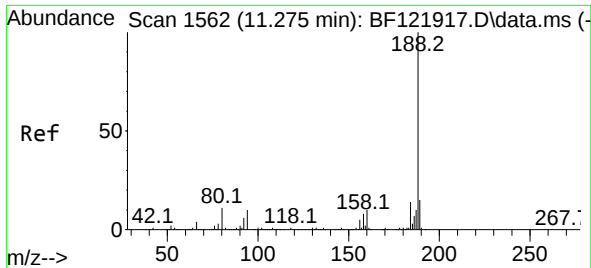
Tgt Ion:165 Resp: 21421
Ion Ratio Lower Upper
165 100
63 1.6 51.8 77.6#
89 1.5 49.0 73.6#



#57
2,4-Dinitrotoluene
Concen: 6.38 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.218 min
Lab File: BF122200.D
Acq: 31 Oct 2020 1:28

Tgt Ion:165 Resp: 21421
Ion Ratio Lower Upper
165 100
63 1.6 41.3 61.9#
89 1.5 61.8 92.8#
182 0.0 2.1 3.1#

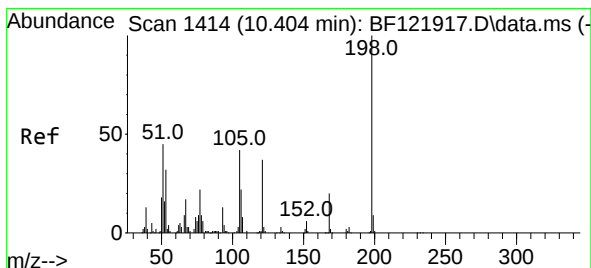
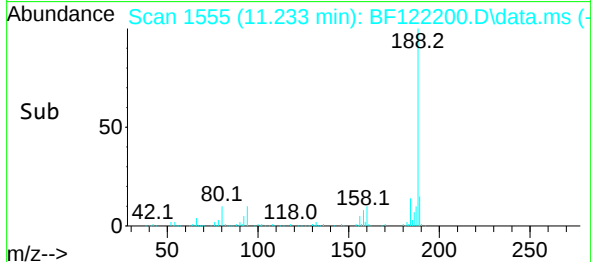
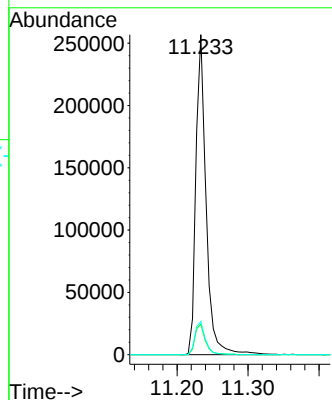
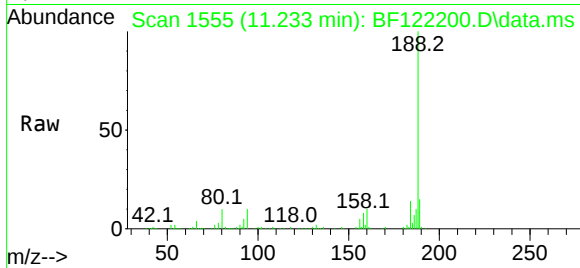




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.233 min Scan# 1555
Delta R.T. 0.000 min
Lab File: BF122200.D
Acq: 31 Oct 2020 1:28

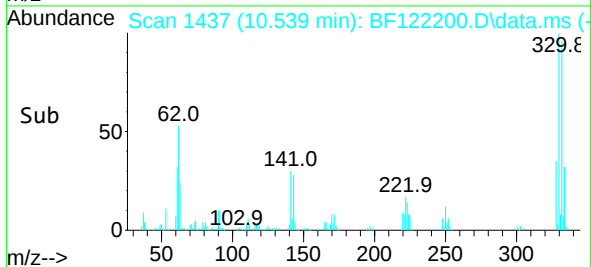
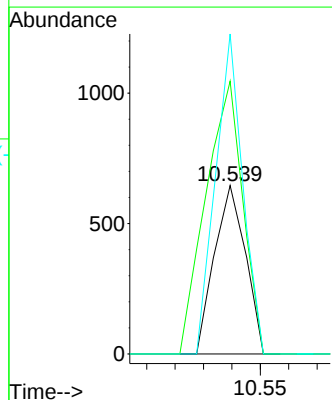
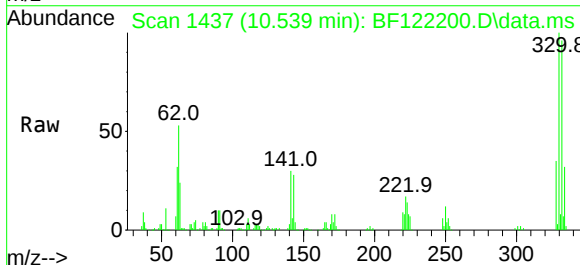
Instrument :
BNA_F
ClientSampleId :
EO-02-102920

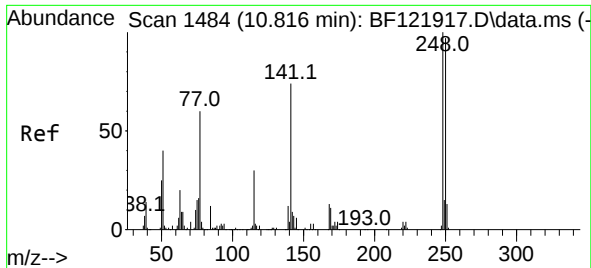
Tgt Ion:188 Resp: 258009
Ion Ratio Lower Upper
188 100
94 9.5 8.3 12.5
80 10.4 9.1 13.7



#65
4,6-Dinitro-2-methylphenol
Concen: 4.69 ng
RT: 10.539 min Scan# 1437
Delta R.T. 0.165 min
Lab File: BF122200.D
Acq: 31 Oct 2020 1:28

Tgt Ion:198 Resp: 488
Ion Ratio Lower Upper
198 100
51 161.9 29.6 69.6#
105 189.9 24.4 64.4#

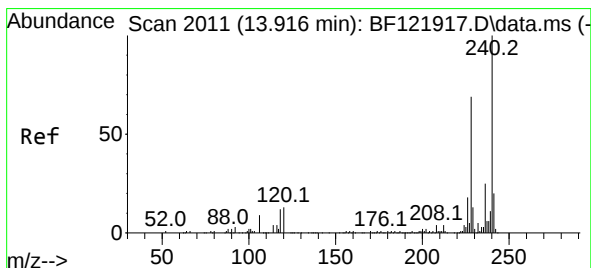
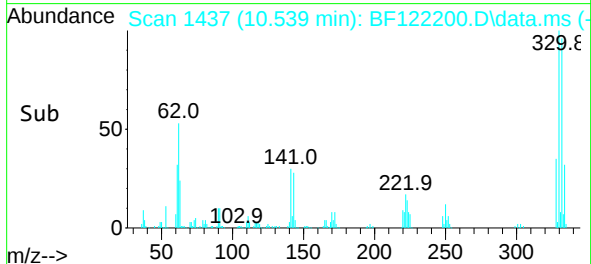
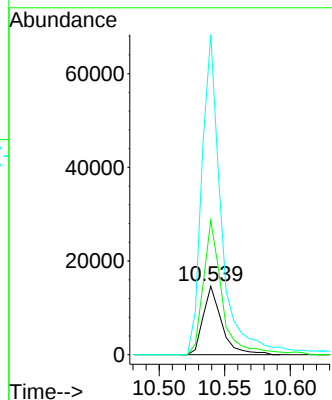
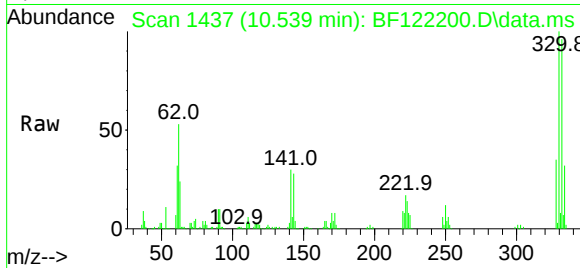




#67
4-Bromophenyl-phenylether
Concen: 4.84 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.235 min
Lab File: BF122200.D
Acq: 31 Oct 2020 1:28

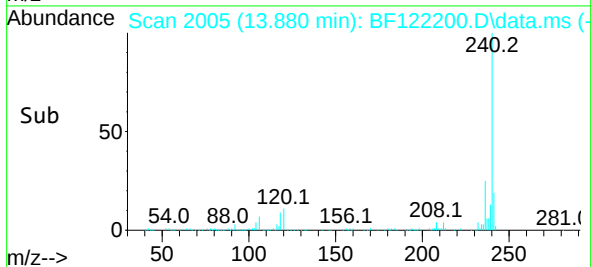
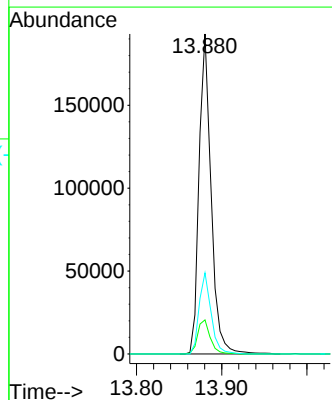
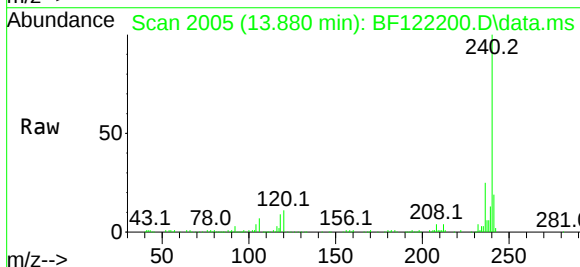
Instrument :
BNA_F
ClientSampleId :
EO-02-102920

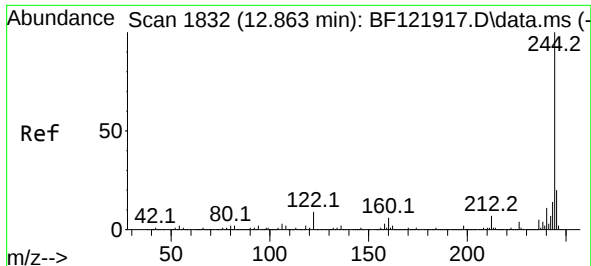
Tgt Ion:248 Resp: 14420
Ion Ratio Lower Upper
248 100
250 196.1 77.0 115.6#
141 467.3 53.7 80.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.880 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BF122200.D
Acq: 31 Oct 2020 1:28

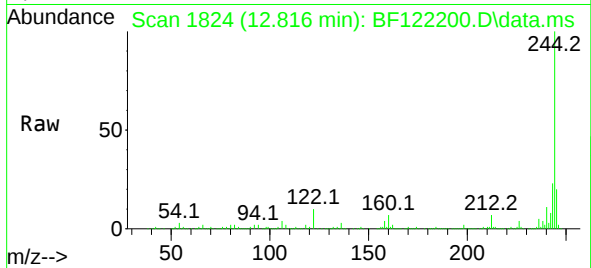
Tgt Ion:240 Resp: 189461
Ion Ratio Lower Upper
240 100
120 10.7 9.2 13.8
236 25.3 20.9 31.3



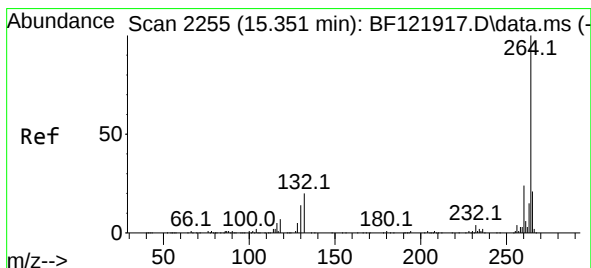
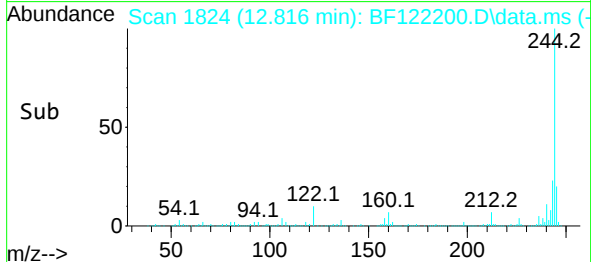
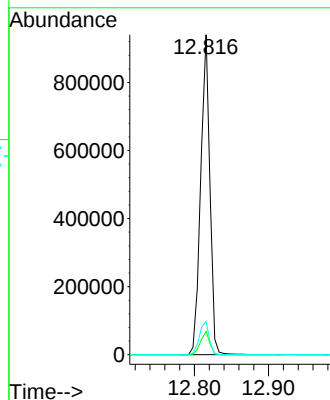


#79
 Terphenyl-d14
 Concen: 81.11 ng
 RT: 12.816 min Scan# 1824
 Delta R.T. 0.000 min
 Lab File: BF122200.D
 Acq: 31 Oct 2020 1:28

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-102920



Tgt Ion:244 Resp: 806370
 Ion Ratio Lower Upper
 244 100
 212 7.3 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: BF122200.D
 Acq: 31 Oct 2020 1:28

Tgt Ion:264 Resp: 202230
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.7 28.1
 265 21.0 17.3 25.9

