

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103020\
 Data File : BF122192.D
 Acq On : 30 Oct 2020 21:20
 Operator : JU/CG
 Sample : L4541-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20-105

Quant Time: Oct 31 02:56:18 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)

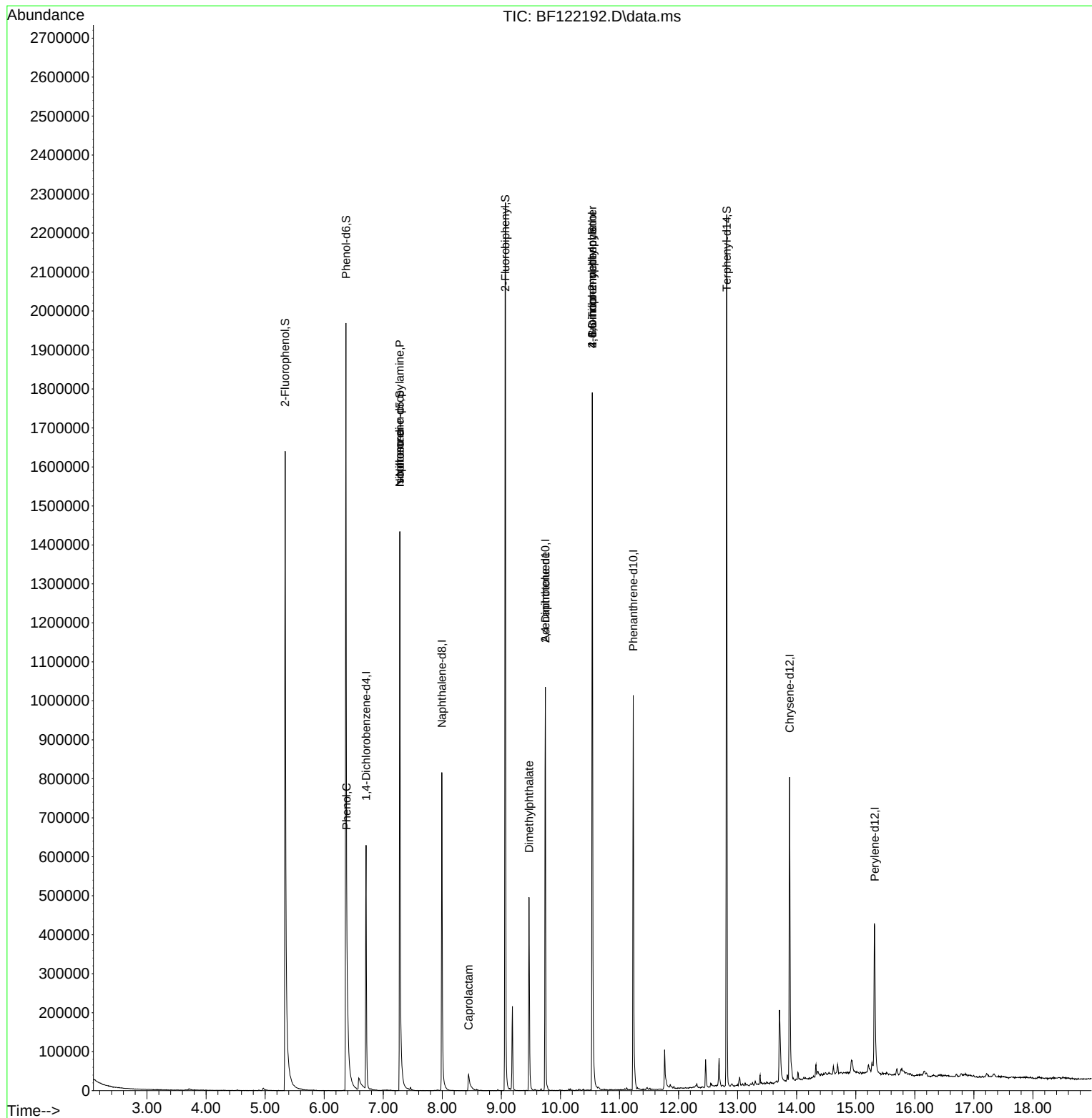
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.710	152	99195	20.00	ng	0.00
21) Naphthalene-d8	7.992	136	396380	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	206962	20.00	ng	0.00
64) Phenanthrene-d10	11.233	188	388084	20.00	ng	0.00
76) Chrysene-d12	13.880	240	262079	20.00	ng	0.00
86) Perylene-d12	15.321	264	212627	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.339	112	624564	92.93	ng	0.00
7) Phenol-d6	6.369	99	791947	91.54	ng	0.00
23) Nitrobenzene-d5	7.281	82	507874	65.71	ng	0.00
42) 2,4,6-Tribromophenol	10.539	330	234547	91.61	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	753944	53.60	ng	0.00
79) Terphenyl-d14	12.815	244	666618	48.47	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.369	77	1501	Below Cal	#	3
10) Phenol	6.381	94	42577	4.77	ng	87
19) n-Nitroso-di-n-propyla...	7.281	70	67778	13.76	ng	# 80
25) Isophorone	7.281	82	507874	34.75	ng	# 67
35) Caprolactam	8.445	113	9459	4.90	ng	96
50) Dimethylphthalate	9.469	163	202247	13.36	ng	100
57) 2,4-Dinitrotoluene	9.745	165	26381	6.46	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.539	198	456	4.59	ng	# 1
67) 4-Bromophenyl-phenylether	10.539	248	13415	2.99	ng	# 1

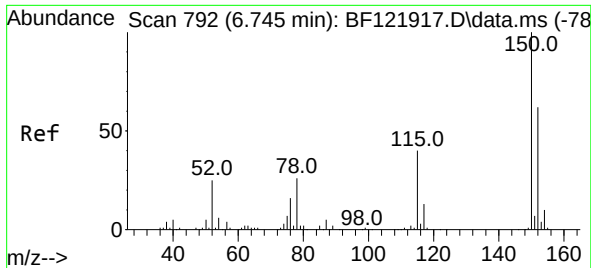
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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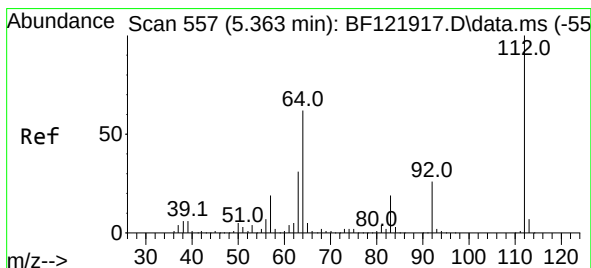
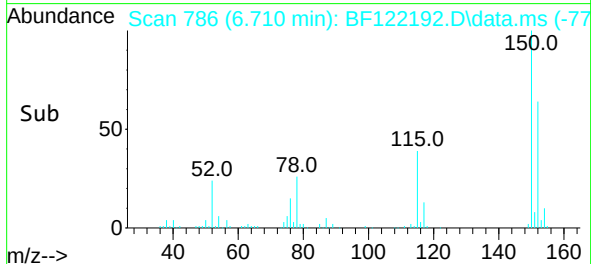
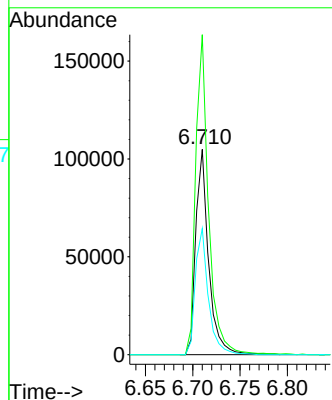
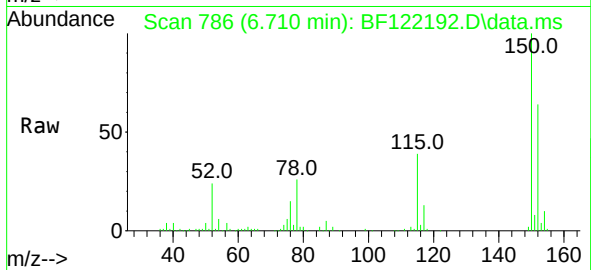




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.710 min Scan# 786
 Delta R.T. -0.006 min
 Lab File: BF122192.D
 Acq: 30 Oct 2020 21:20

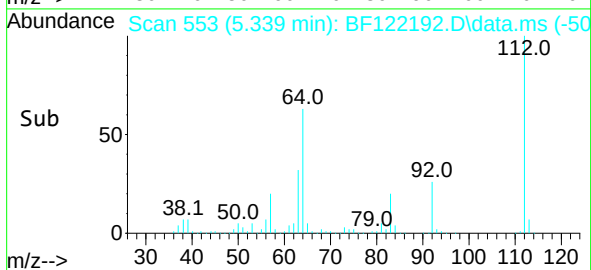
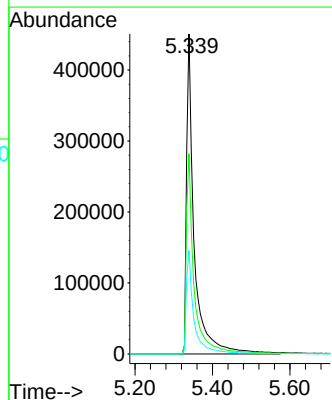
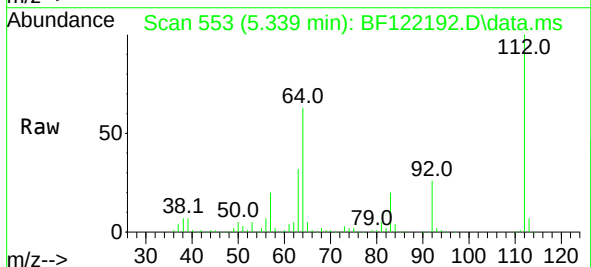
Instrument :
 BNA_F
 ClientSampleId :
 20-105

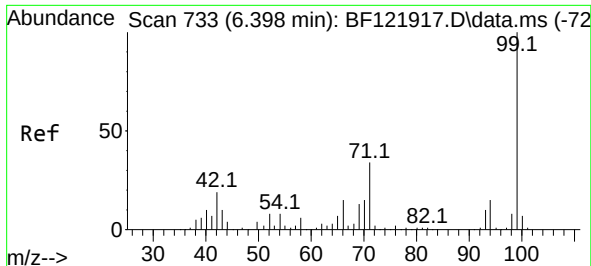
Tgt Ion:152 Resp: 99195
 Ion Ratio Lower Upper
 152 100
 150 155.9 125.3 187.9
 115 61.4 51.9 77.9



#5
 2-Fluorophenol
 Concen: 92.93 ng
 RT: 5.339 min Scan# 553
 Delta R.T. 0.006 min
 Lab File: BF122192.D
 Acq: 30 Oct 2020 21:20

Tgt Ion:112 Resp: 624564
 Ion Ratio Lower Upper
 112 100
 64 62.6 50.4 75.6
 63 32.4 25.8 38.6

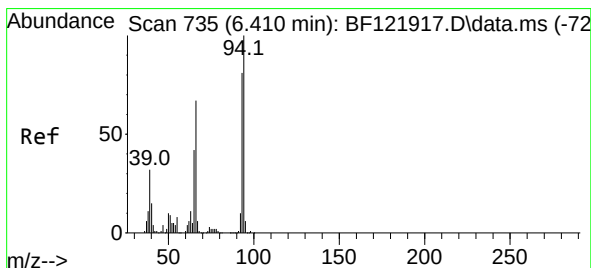
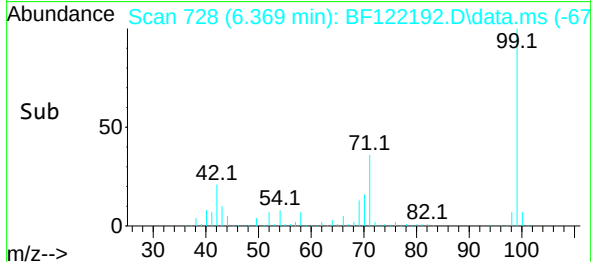
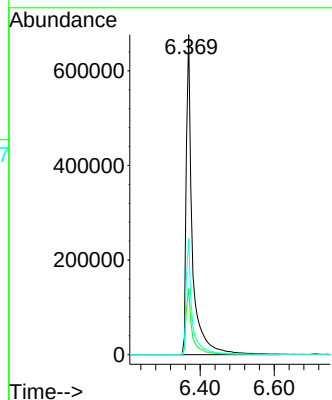
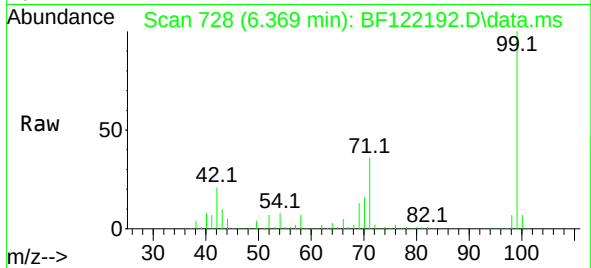




#7
Phenol-d6
Concen: 91.54 ng
RT: 6.369 min Scan# 728
Delta R.T. -0.000 min
Lab File: BF122192.D
Acq: 30 Oct 2020 21:20

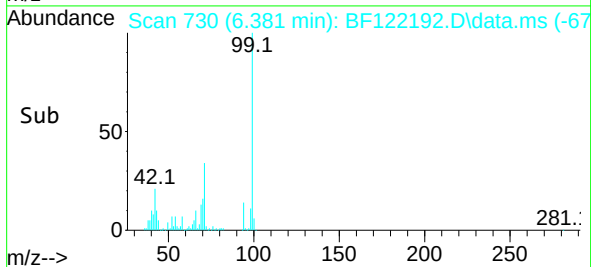
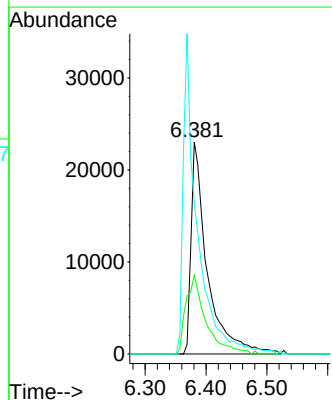
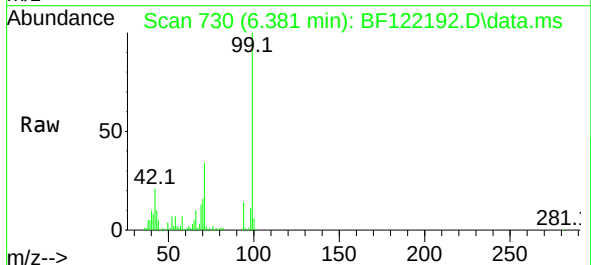
Instrument :
BNA_F
ClientSampleId :
20-105

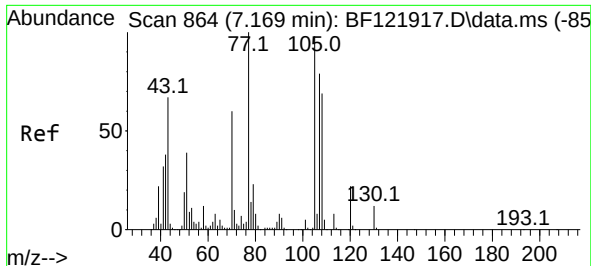
Tgt Ion: 99 Resp: 791947
Ion Ratio Lower Upper
99 100
42 20.6 15.9 23.9
71 36.3 27.1 40.7



#10
Phenol
Concen: 4.77 ng
RT: 6.381 min Scan# 730
Delta R.T. -0.000 min
Lab File: BF122192.D
Acq: 30 Oct 2020 21:20

Tgt Ion: 94 Resp: 42577
Ion Ratio Lower Upper
94 100
65 37.2 17.1 57.1
66 71.4 36.0 76.0

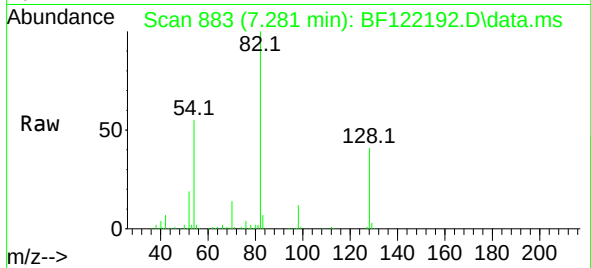




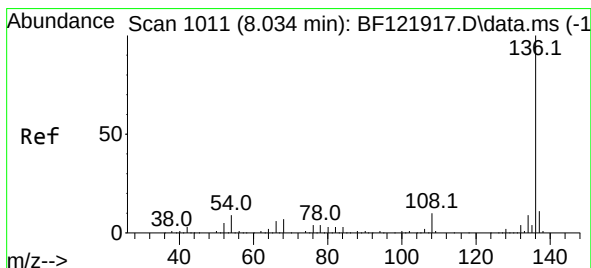
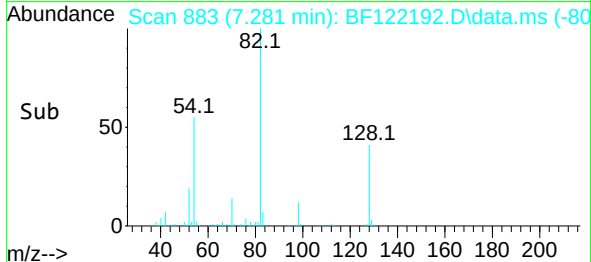
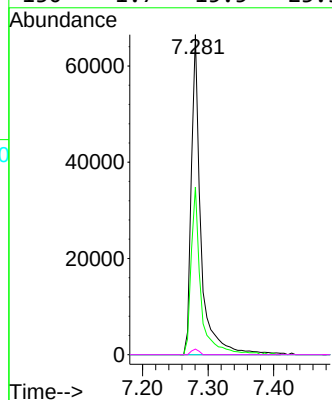
#19

n-Nitroso-di-n-propylamine
Concen: 13.76 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.141 min
Lab File: BF122192.D
Acq: 30 Oct 2020 21:20

Instrument :
BNA_F
ClientSampled :
20-105

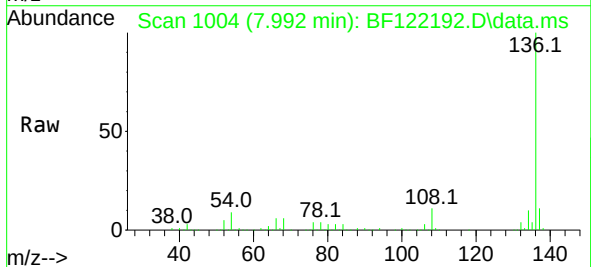


Tgt Ion:	70	Resp:	67778
Ion	Ratio	Lower	Upper
70	100		
42	52.4	50.2	75.4
101	0.0	7.5	11.3#
130	1.7	15.5	23.3#

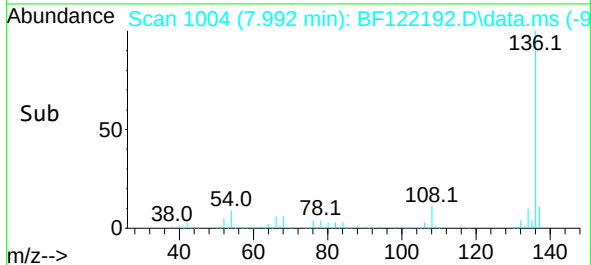
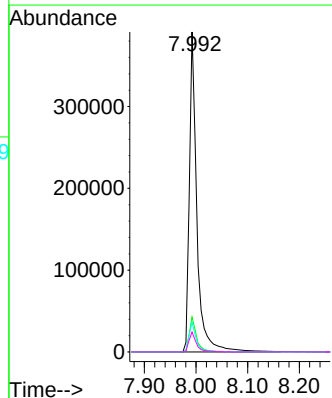


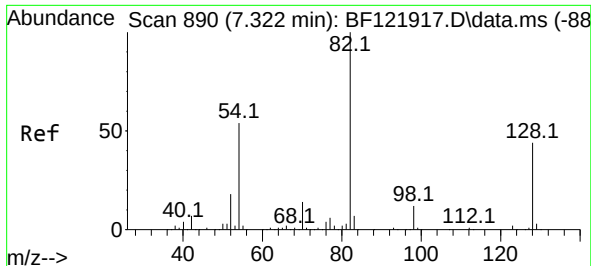
#21

Naphthalene-d8
Concen: 20.00 ng
RT: 7.992 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF122192.D
Acq: 30 Oct 2020 21:20



Tgt Ion:	136	Resp:	396380
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	9.3	7.1	10.7
68	6.2	5.0	7.4





#23

Nitrobenzene-d5

Concen: 65.71 ng

RT: 7.281 min Scan# 883

Delta R.T. -0.006 min

Lab File: BF122192.D

Acq: 30 Oct 2020 21:20

Tgt Ion: 82 Resp: 507874

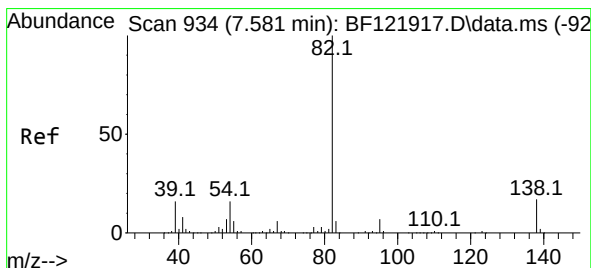
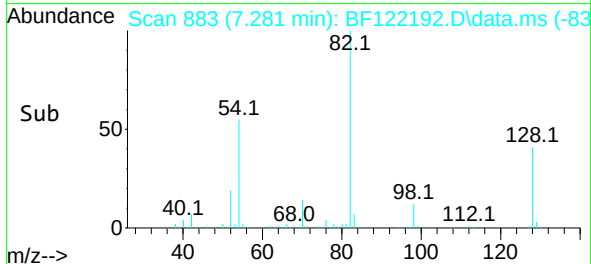
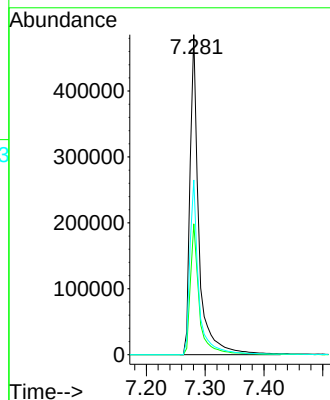
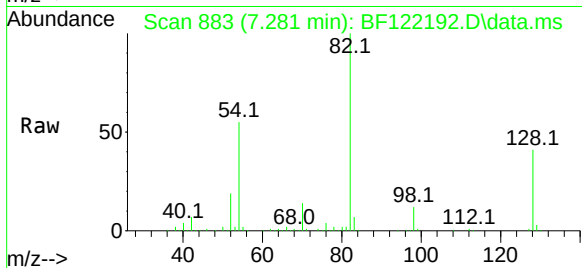
Ion	Ratio	Lower	Upper
82	100		
128	40.9	35.0	52.4
54	54.6	43.9	65.9

Instrument :

BNA_F

ClientSampleId :

20-105



#25

Isophorone

Concen: 34.75 ng

RT: 7.281 min Scan# 883

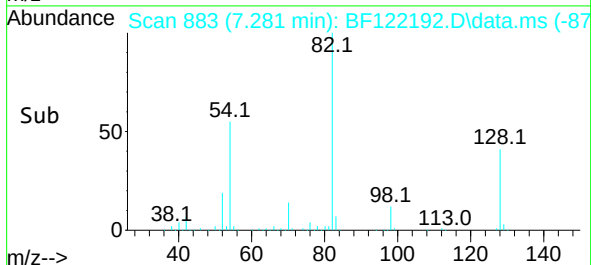
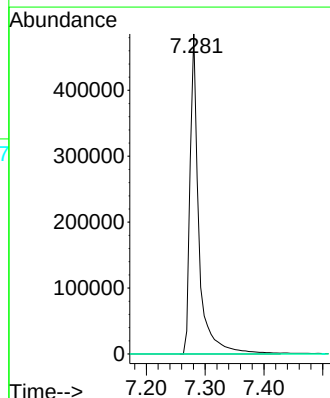
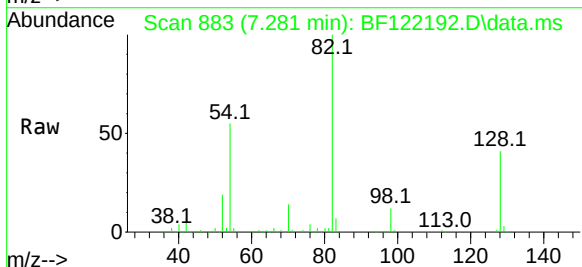
Delta R.T. -0.265 min

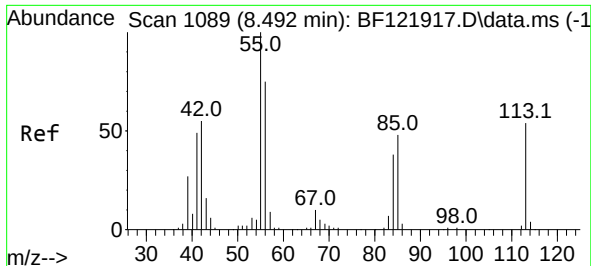
Lab File: BF122192.D

Acq: 30 Oct 2020 21:20

Tgt Ion: 82 Resp: 507874

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

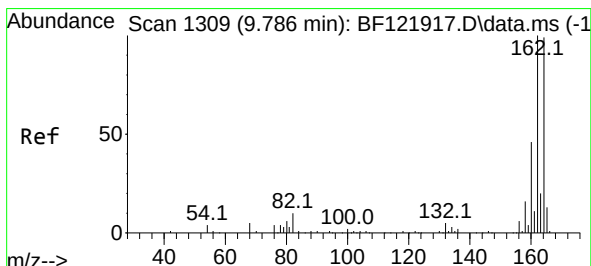
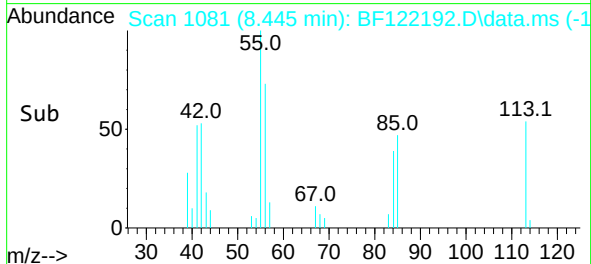
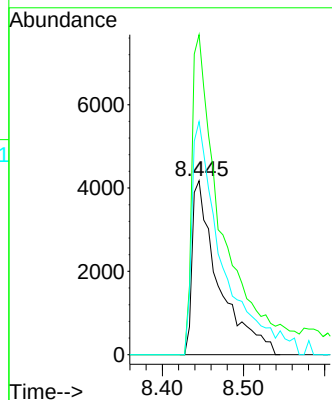
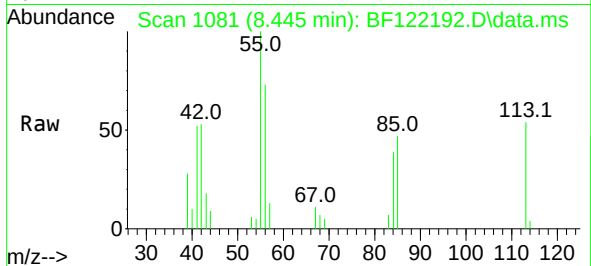




#35
Caprolactam
Concen: 4.90 ng
RT: 8.445 min Scan# 1081
Delta R.T. -0.018 min
Lab File: BF122192.D
Acq: 30 Oct 2020 21:20

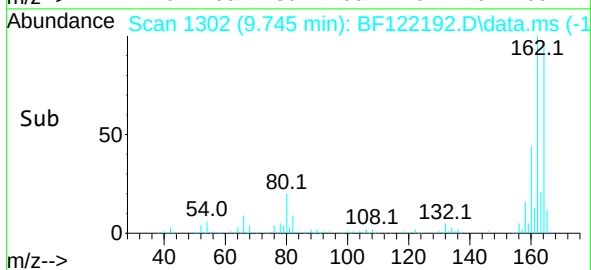
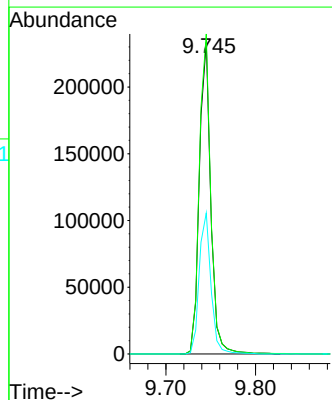
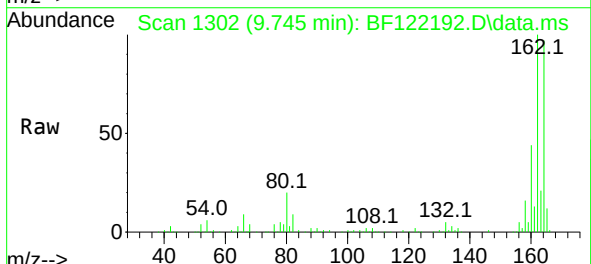
Instrument :
BNA_F
ClientSampled :
20-105

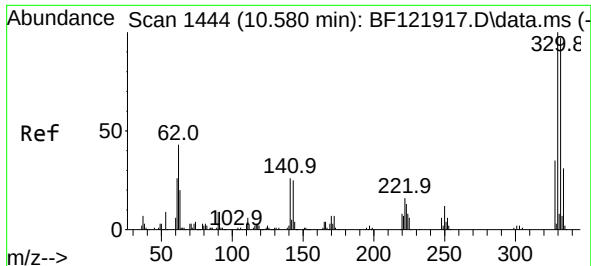
Tgt Ion:113 Resp: 9459
Ion Ratio Lower Upper
113 100
55 184.0 167.5 207.5
56 134.1 121.2 161.2



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF122192.D
Acq: 30 Oct 2020 21:20

Tgt Ion:164 Resp: 206962
Ion Ratio Lower Upper
164 100
162 102.7 83.2 124.8
160 45.3 37.5 56.3

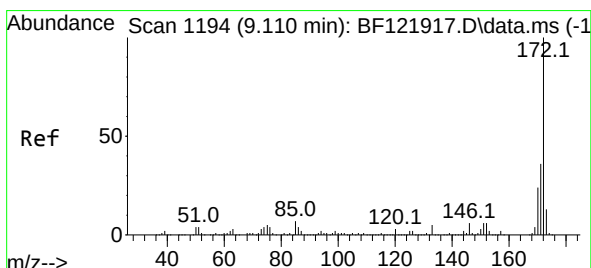
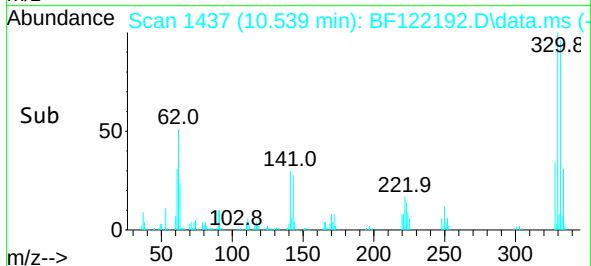
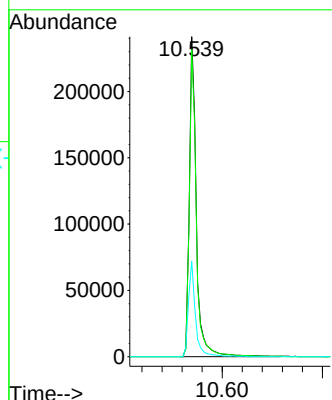
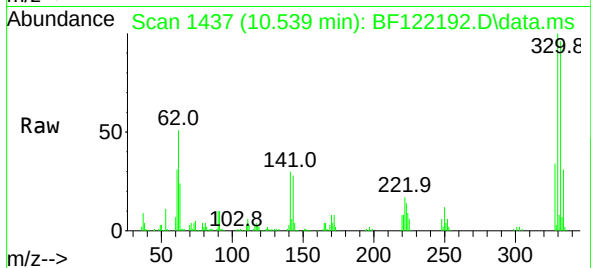




#42
2,4,6-Tribromophenol
Concen: 91.61 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.006 min
Lab File: BF122192.D
Acq: 30 Oct 2020 21:20

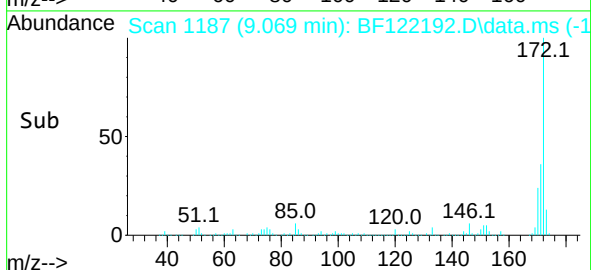
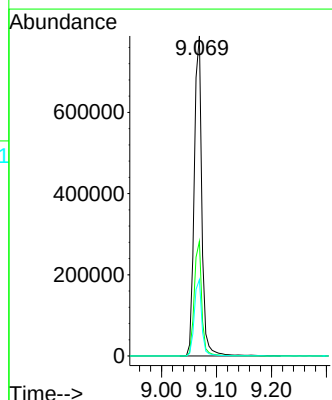
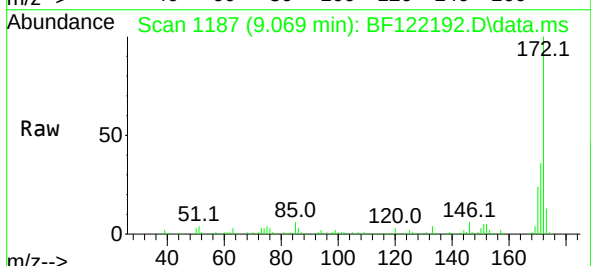
Instrument :
BNA_F
ClientSampled :
20-105

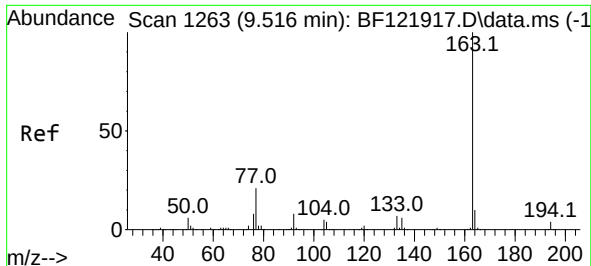
Tgt Ion:330 Resp: 234547
Ion Ratio Lower Upper
330 100
332 96.6 77.3 115.9
141 30.1 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 53.60 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF122192.D
Acq: 30 Oct 2020 21:20

Tgt Ion:172 Resp: 753944
Ion Ratio Lower Upper
172 100
171 35.8 29.1 43.7
170 23.9 19.8 29.6

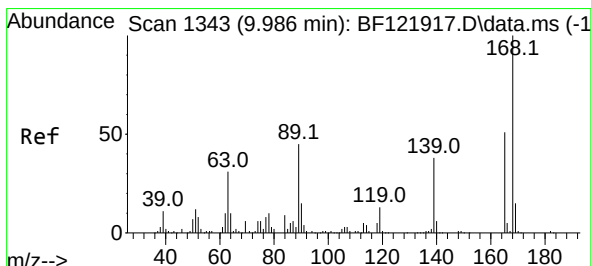
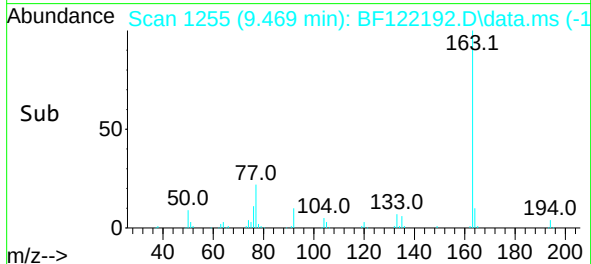
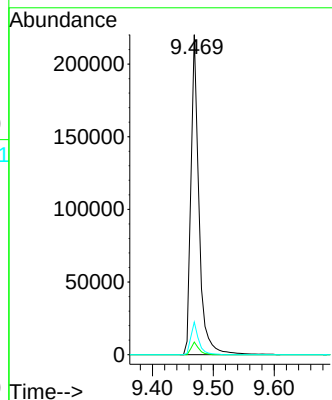
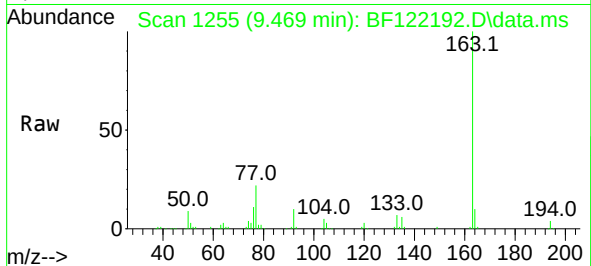




#50
Dimethylphthalate
Concen: 13.36 ng
RT: 9.469 min Scan# 1255
Delta R.T. -0.012 min
Lab File: BF122192.D
Acq: 30 Oct 2020 21:20

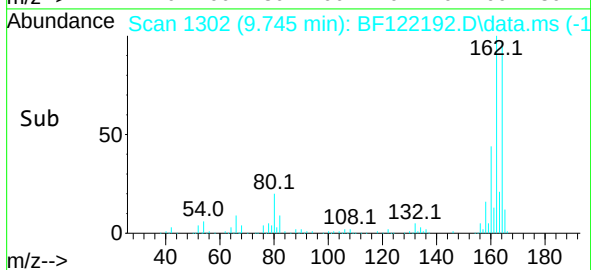
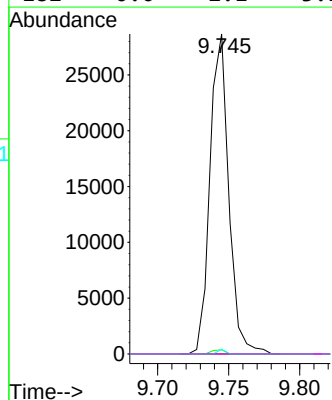
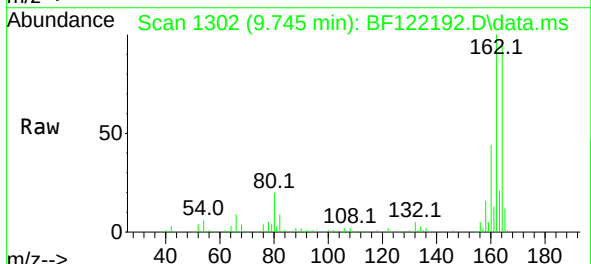
Instrument :
BNA_F
ClientSampleId :
20-105

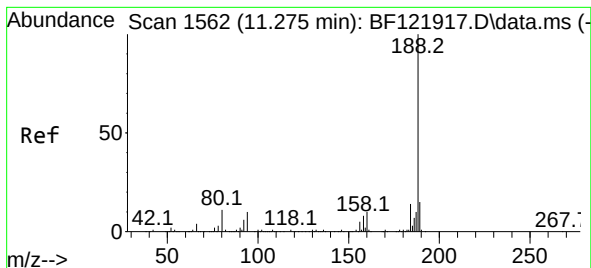
Tgt Ion:163 Resp: 202247
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.2 8.2 12.4



#57
2,4-Dinitrotoluene
Concen: 6.46 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.218 min
Lab File: BF122192.D
Acq: 30 Oct 2020 21:20

Tgt Ion:165 Resp: 26381
Ion Ratio Lower Upper
165 100
63 1.3 41.3 61.9#
89 1.4 61.8 92.8#
182 0.0 2.1 3.1#

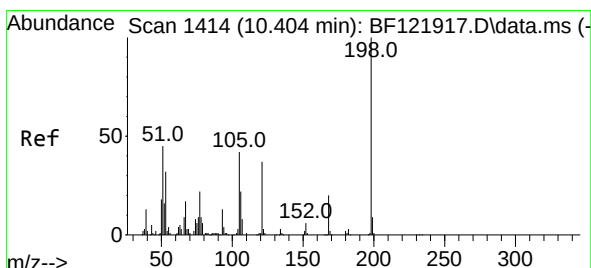
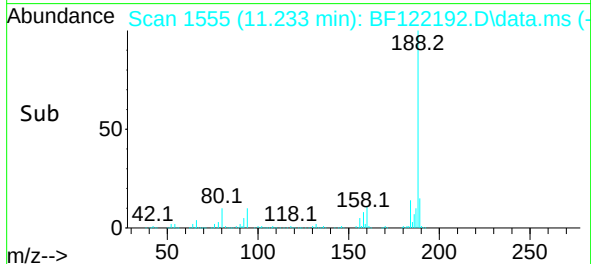
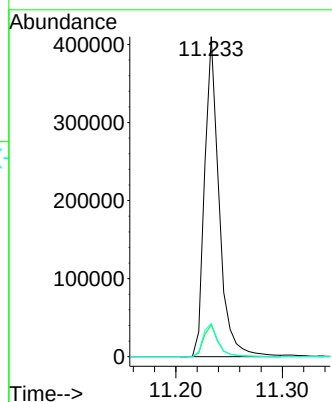
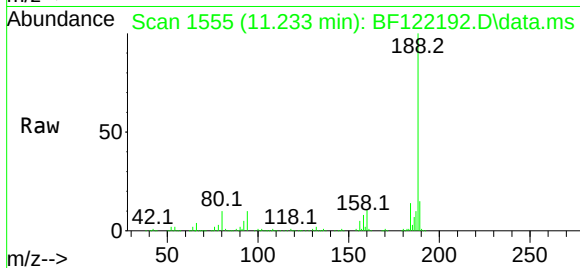




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.233 min Scan# 1555
Delta R.T. -0.000 min
Lab File: BF122192.D
Acq: 30 Oct 2020 21:20

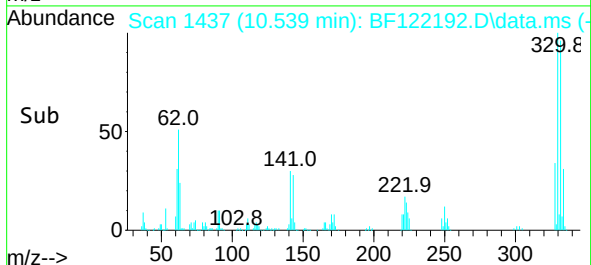
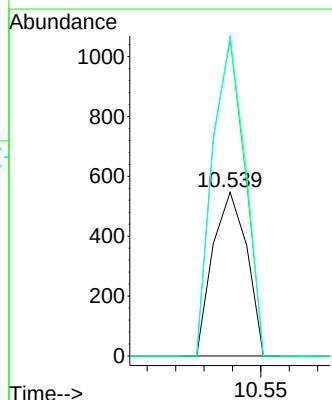
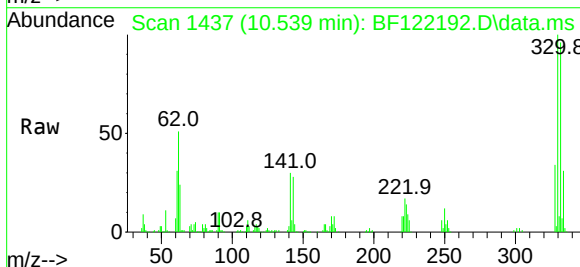
Instrument :
BNA_F
ClientSampleId :
20-105

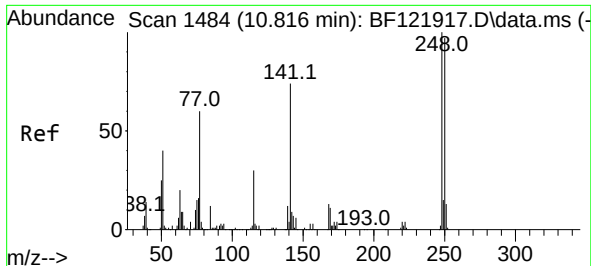
Tgt Ion:188 Resp: 388084
Ion Ratio Lower Upper
188 100
94 9.9 8.3 12.5
80 10.4 9.1 13.7



#65
4,6-Dinitro-2-methylphenol
Concen: 4.59 ng
RT: 10.539 min Scan# 1437
Delta R.T. 0.165 min
Lab File: BF122192.D
Acq: 30 Oct 2020 21:20

Tgt Ion:198 Resp: 456
Ion Ratio Lower Upper
198 100
51 193.1 29.6 69.6#
105 195.4 24.4 64.4#

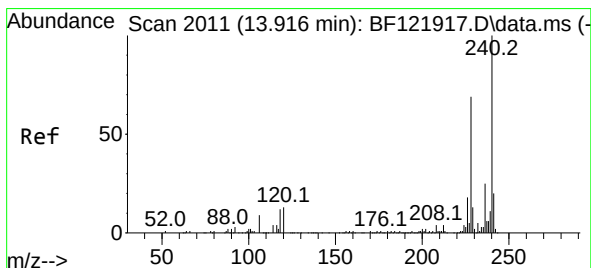
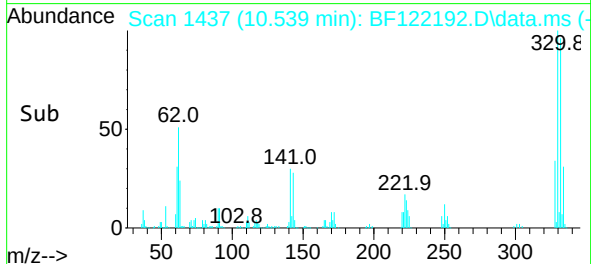
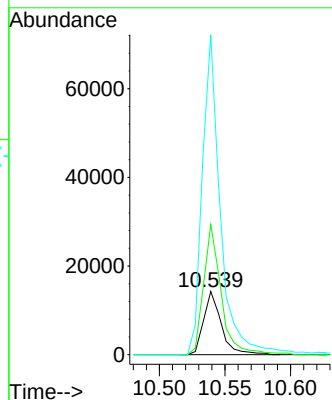
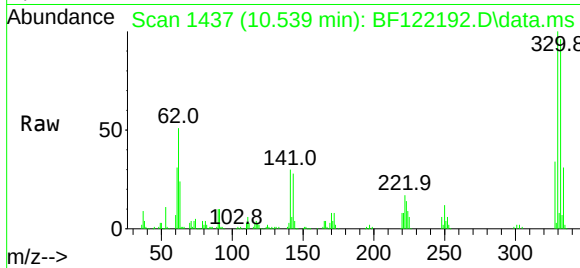




#67
4-Bromophenyl-phenylether
Concen: 2.99 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.235 min
Lab File: BF122192.D
Acq: 30 Oct 2020 21:20

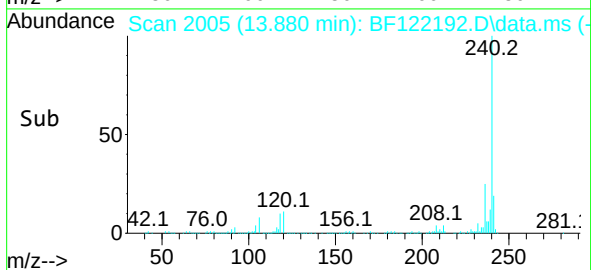
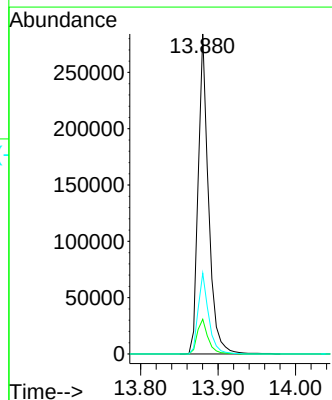
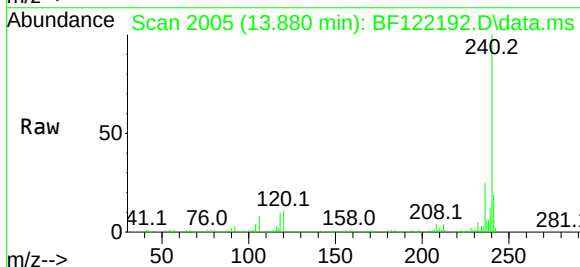
Instrument :
BNA_F
ClientSampleId :
20-105

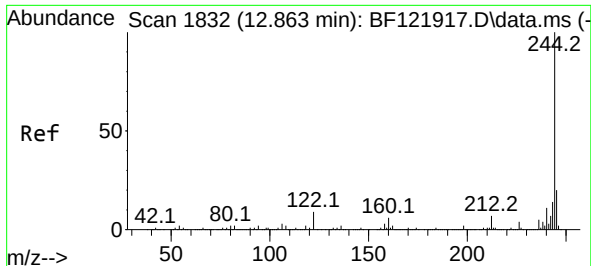
Tgt Ion:248 Resp: 13415
Ion Ratio Lower Upper
248 100
250 205.7 77.0 115.6#
141 506.3 53.7 80.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BF122192.D
Acq: 30 Oct 2020 21:20

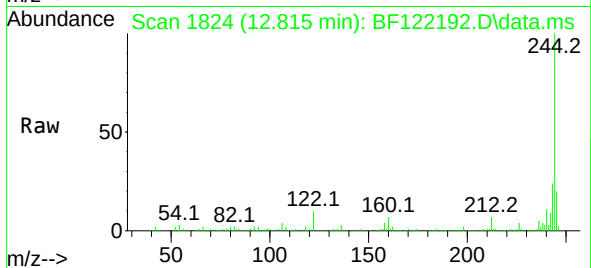
Tgt Ion:240 Resp: 262079
Ion Ratio Lower Upper
240 100
120 10.8 9.2 13.8
236 25.3 20.9 31.3



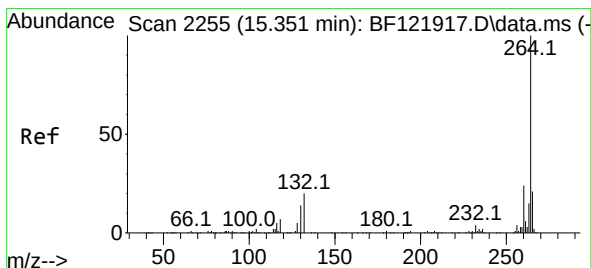
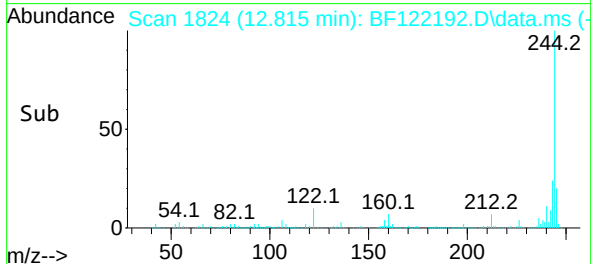
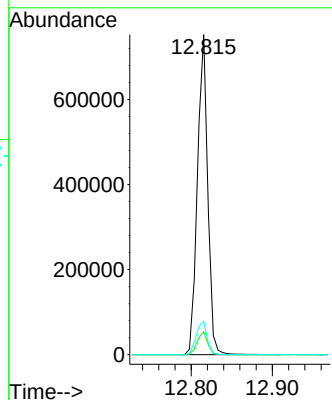


#79
 Terphenyl-d14
 Concen: 48.47 ng
 RT: 12.815 min Scan# 1824
 Delta R.T. -0.000 min
 Lab File: BF122192.D
 Acq: 30 Oct 2020 21:20

Instrument :
 BNA_F
 ClientSampleId :
 20-105



Tgt Ion:244 Resp: 666618
 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: 15.321 min Scan# 2250
 Delta R.T. 0.017 min
 Lab File: BF122192.D
 Acq: 30 Oct 2020 21:20

Tgt Ion:264 Resp: 212627
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.7 28.1
 265 21.2 17.3 25.9

