

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110220\
 Data File : BF122233.D
 Acq On : 2 Nov 2020 18:57
 Operator : JU/CG
 Sample : L4215-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-102820

Quant Time: Nov 03 00:04:27 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)

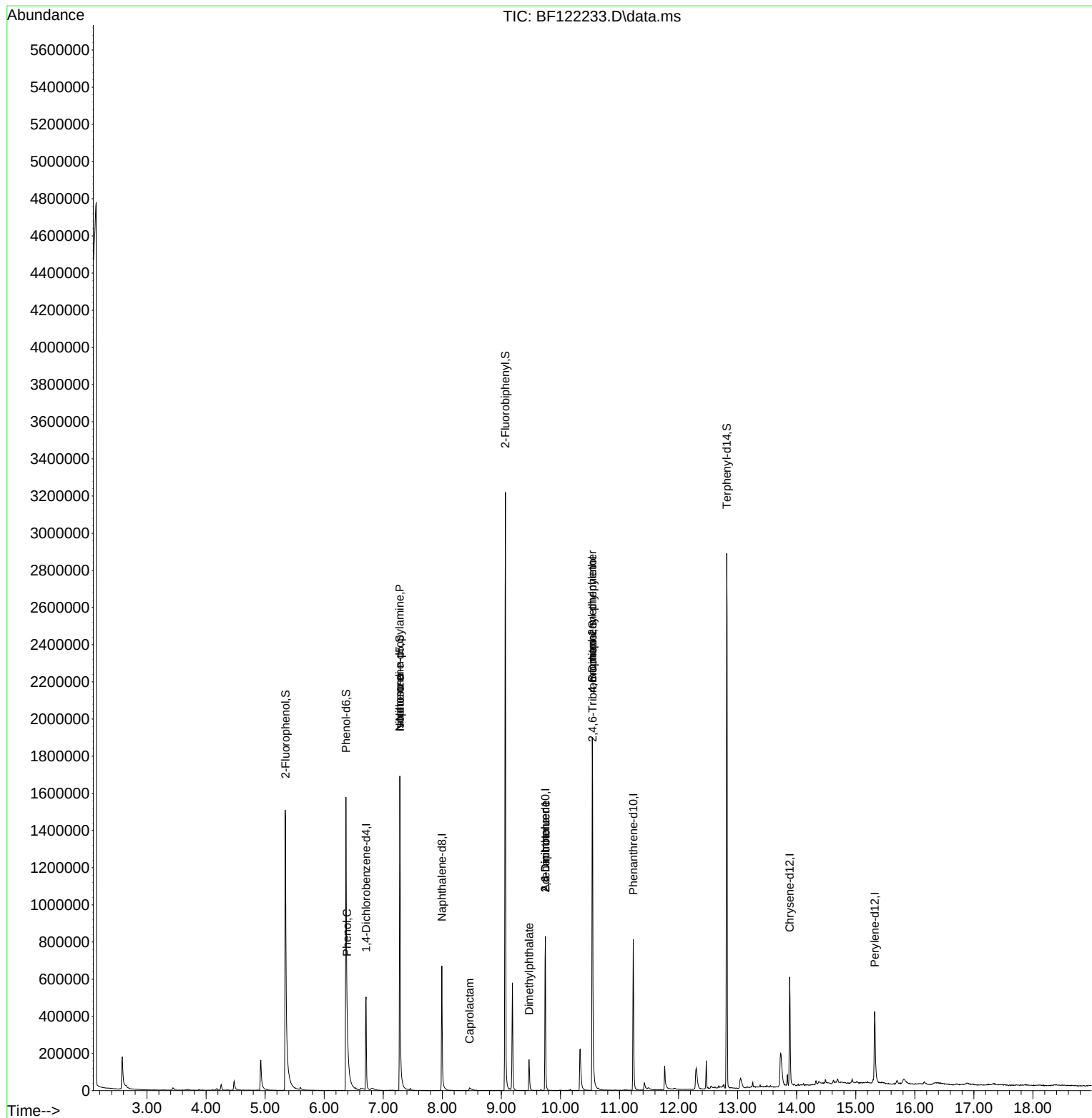
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.710	152	80818	20.00	ng	0.00
21) Naphthalene-d8	7.992	136	333313	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	169916	20.00	ng	0.00
64) Phenanthrene-d10	11.233	188	319980	20.00	ng	0.00
76) Chrysene-d12	13.880	240	222651	20.00	ng	0.00
86) Perylene-d12	15.321	264	208120	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.345	112	659708	120.48	ng	0.01
7) Phenol-d6	6.369	99	760689	107.92	ng	0.00
23) Nitrobenzene-d5	7.281	82	603012	92.78	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	288444	137.23	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	1013267	87.74	ng	0.00
79) Terphenyl-d14	12.815	244	940875	80.53	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.369	77	1400	Below Cal	#	3
10) Phenol	6.386	94	39232	5.39 ng		86
19) n-Nitroso-di-n-propyla...	7.281	70	81253	20.25 ng	#	80
25) Isophorone	7.281	82	603008	49.07 ng	#	67
35) Caprolactam	8.463	113	3297	2.03 ng		98
50) Dimethylphthalate	9.469	163	78022	6.28 ng		100
51) 2,6-Dinitrotoluene	9.745	165	21537	7.90 ng	#	21
57) 2,4-Dinitrotoluene	9.745	165	21537	6.42 ng	#	20
65) 4,6-Dinitro-2-methylph...	10.539	198	388	4.60 ng	#	1
67) 4-Bromophenyl-phenylether	10.539	248	16524	4.47 ng	#	1

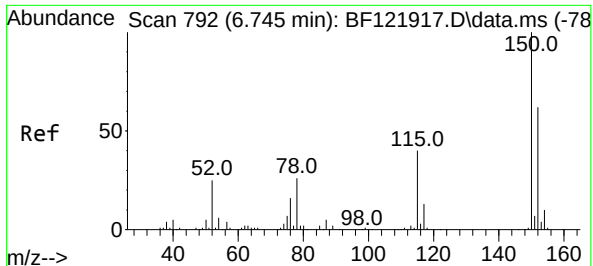
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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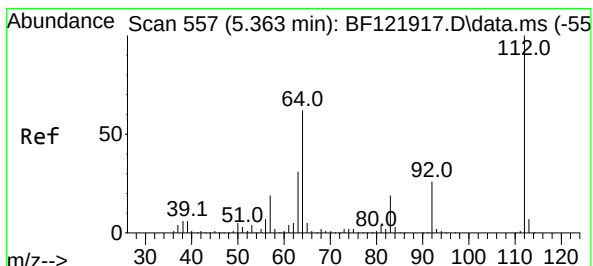
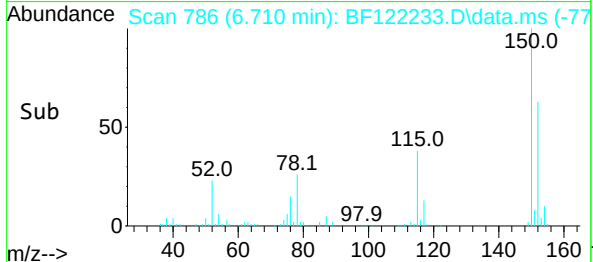
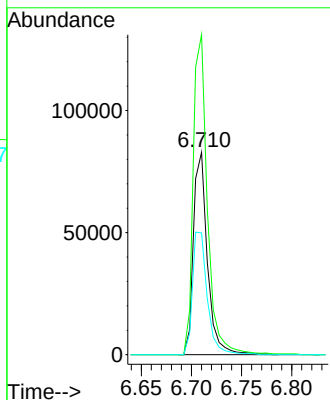
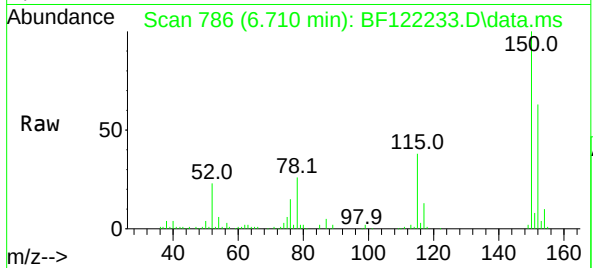




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.710 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF122233.D
Acq: 2 Nov 2020 18:57

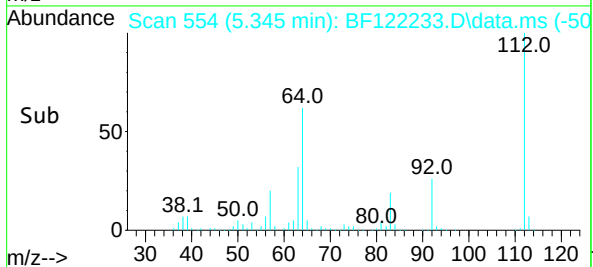
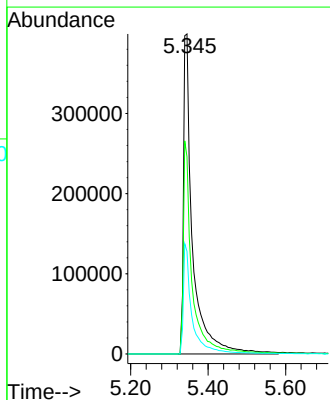
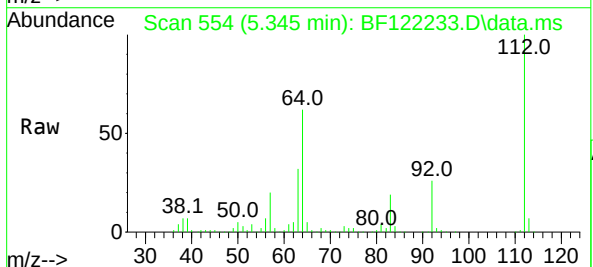
Instrument :
BNA_F
ClientSampleId :
AU-05-102820

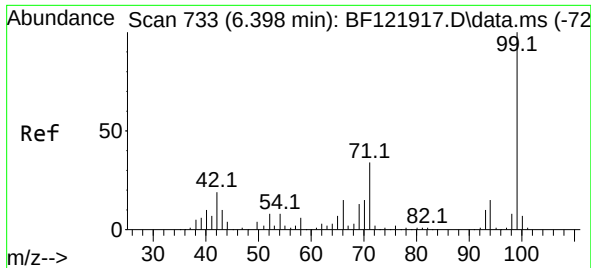
Tgt Ion:152 Resp: 80818
Ion Ratio Lower Upper
152 100
150 158.1 125.3 187.9
115 60.2 51.9 77.9



#5
2-Fluorophenol
Concen: 120.48 ng
RT: 5.345 min Scan# 554
Delta R.T. 0.012 min
Lab File: BF122233.D
Acq: 2 Nov 2020 18:57

Tgt Ion:112 Resp: 659708
Ion Ratio Lower Upper
112 100
64 61.6 50.4 75.6
63 32.1 25.8 38.6

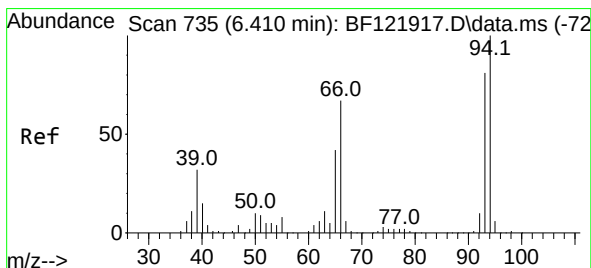
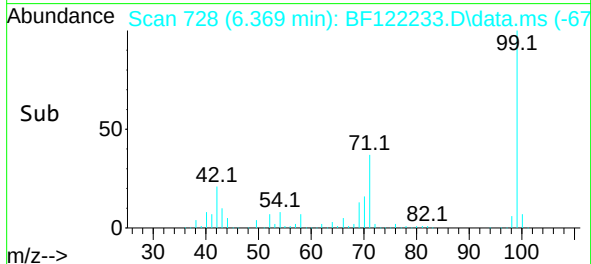
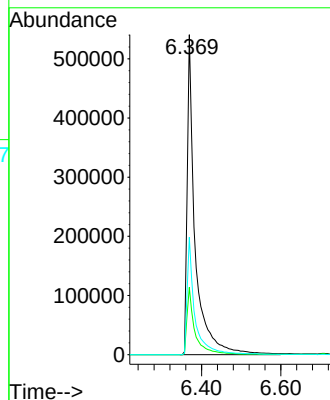
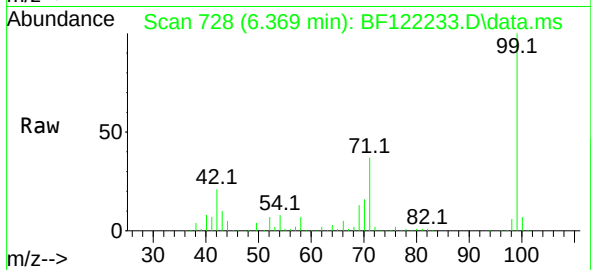




#7
Phenol-d6
Concen: 107.92 ng
RT: 6.369 min Scan# 728
Delta R.T. -0.000 min
Lab File: BF122233.D
Acq: 2 Nov 2020 18:57

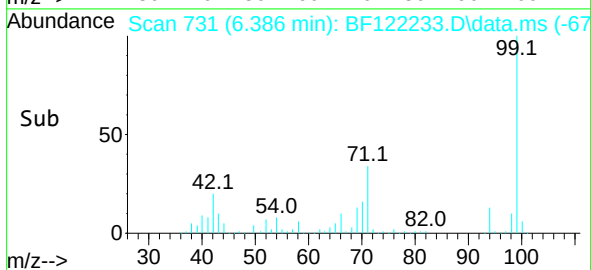
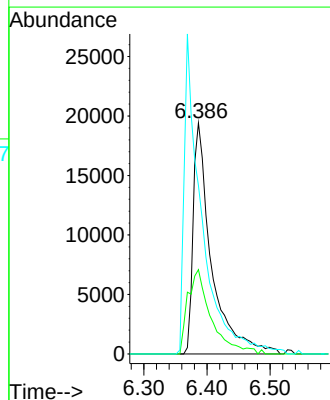
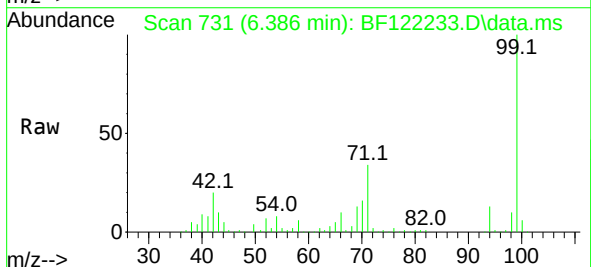
Instrument :
BNA_F
ClientSampleId :
AU-05-102820

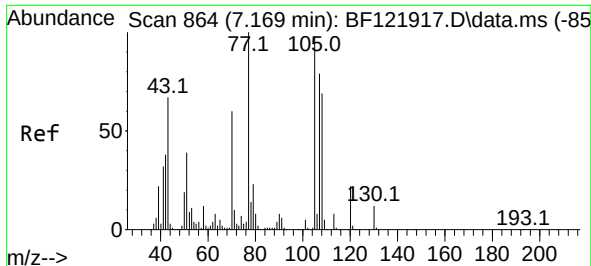
Tgt Ion: 99 Resp: 760689
Ion Ratio Lower Upper
99 100
42 21.0 15.9 23.9
71 36.7 27.1 40.7



#10
Phenol
Concen: 5.39 ng
RT: 6.386 min Scan# 731
Delta R.T. 0.005 min
Lab File: BF122233.D
Acq: 2 Nov 2020 18:57

Tgt Ion: 94 Resp: 39232
Ion Ratio Lower Upper
94 100
65 36.5 17.1 57.1
66 72.9 36.0 76.0

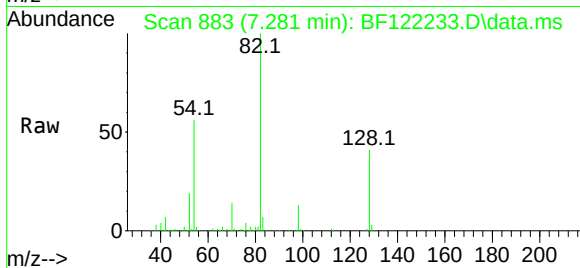




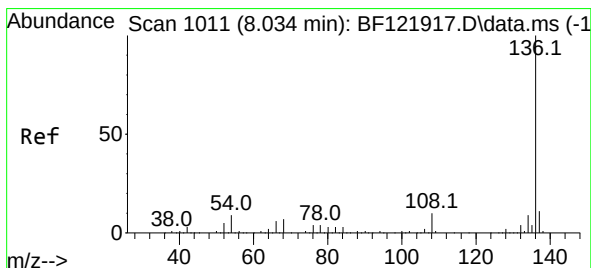
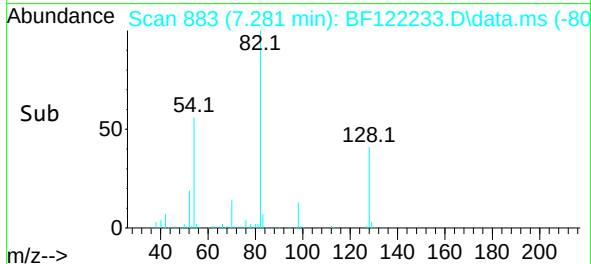
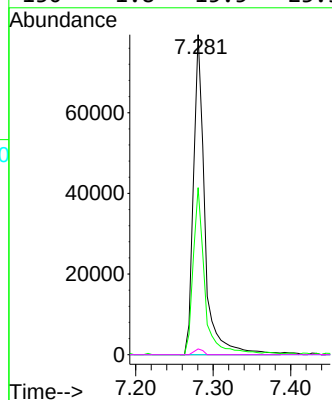
#19

n-Nitroso-di-n-propylamine
Concen: 20.25 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.141 min
Lab File: BF122233.D
Acq: 2 Nov 2020 18:57

Instrument :
BNA_F
ClientSampleId :
AU-05-102820

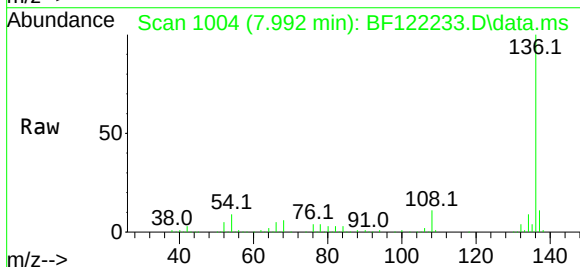


Tgt Ion: 70	Resp: 81253
Ion Ratio	Lower Upper
70 100	
42 52.2	50.2 75.4
101 0.0	7.5 11.3#
130 1.8	15.5 23.3#

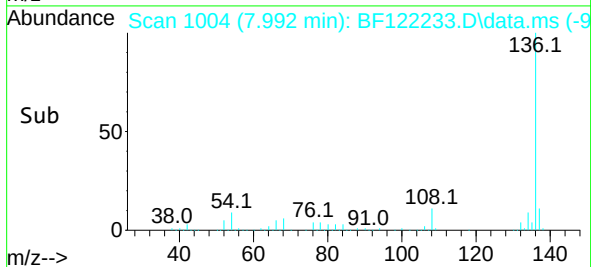
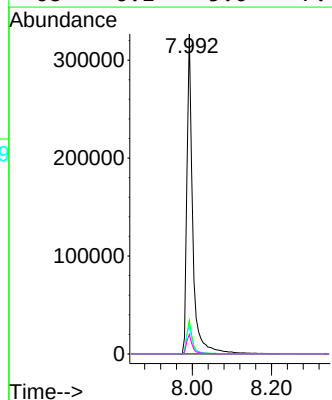


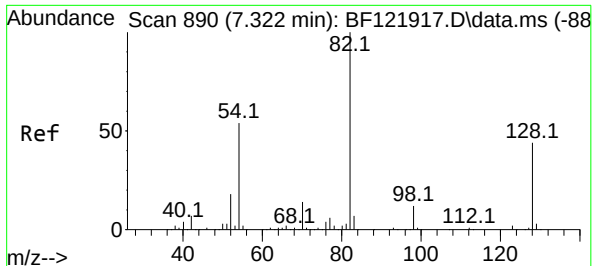
#21

Naphthalene-d8
Concen: 20.00 ng
RT: 7.992 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF122233.D
Acq: 2 Nov 2020 18:57



Tgt	Ion:136	Resp:	333313
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	8.8	7.1	10.7
68	6.1	5.0	7.4





#23

Nitrobenzene-d5

Concen: 92.78 ng

RT: 7.281 min Scan# 883

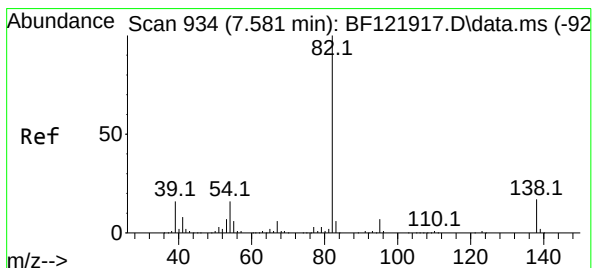
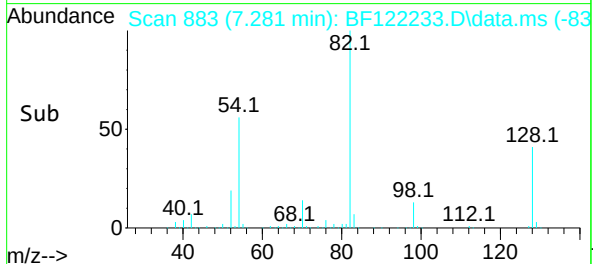
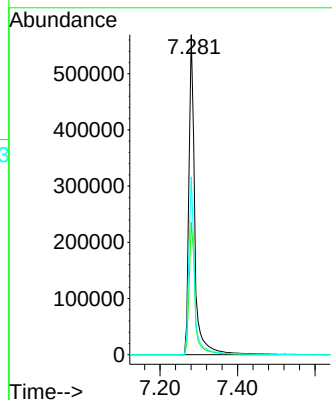
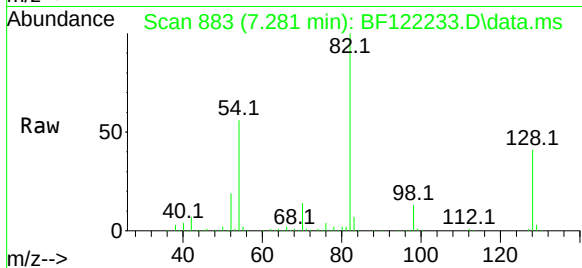
Delta R.T. -0.006 min

Lab File: BF122233.D

Acq: 2 Nov 2020 18:57

Tgt Ion: 82 Resp: 603012

Ion	Ratio	Lower	Upper
82	100		
128	41.3	35.0	52.4
54	55.6	43.9	65.9



#25

Isophorone

Concen: 49.07 ng

RT: 7.281 min Scan# 883

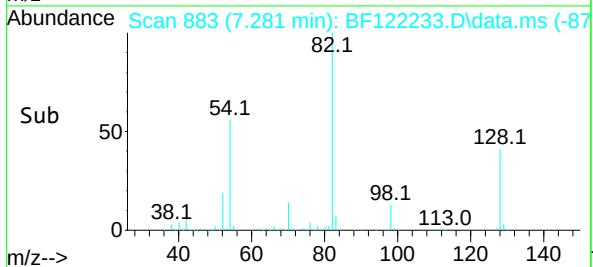
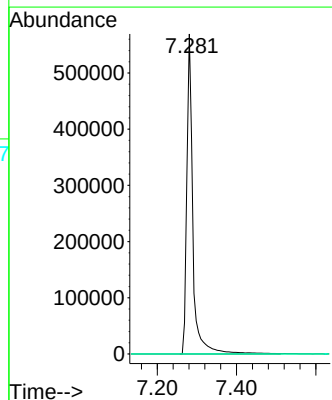
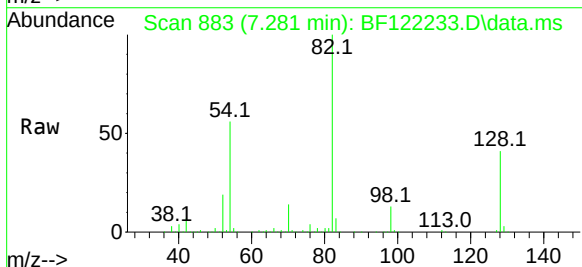
Delta R.T. -0.265 min

Lab File: BF122233.D

Acq: 2 Nov 2020 18:57

Tgt Ion: 82 Resp: 603008

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

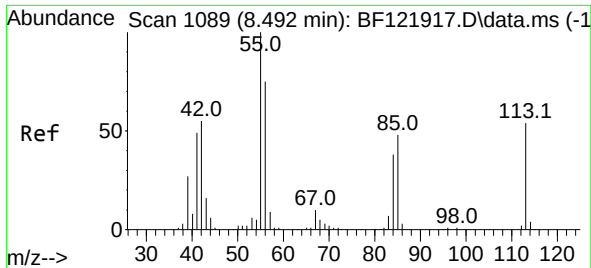


Instrument :

BNA_F

ClientSampleId :

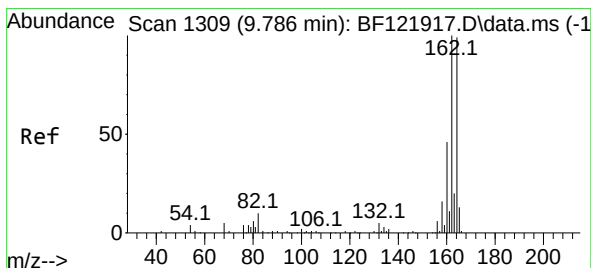
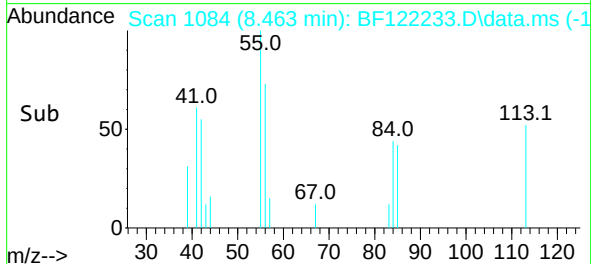
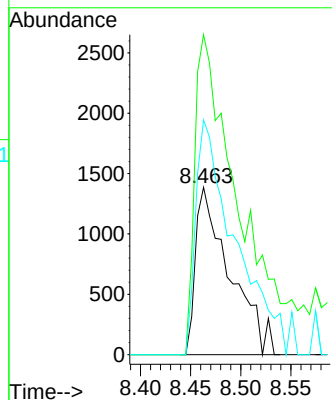
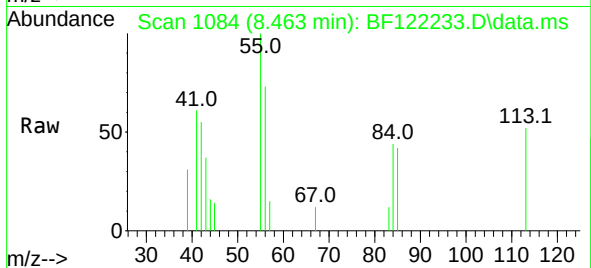
AU-05-102820



#35
Caprolactam
Concen: 2.03 ng
RT: 8.463 min Scan# 1084
Delta R.T. -0.000 min
Lab File: BF122233.D
Acq: 2 Nov 2020 18:57

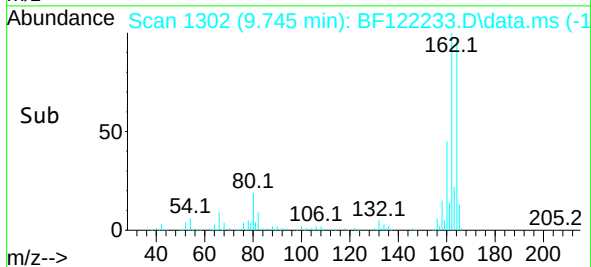
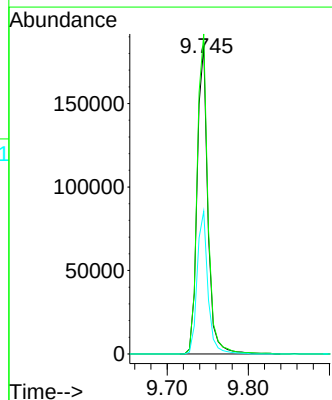
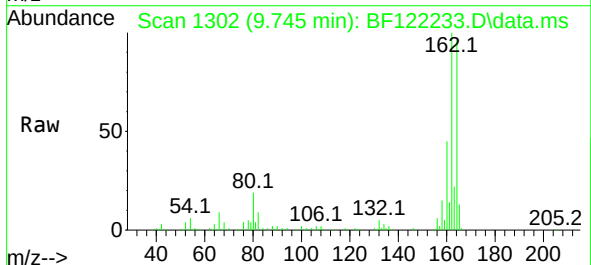
Instrument :
BNA_F
ClientSampleId :
AU-05-102820

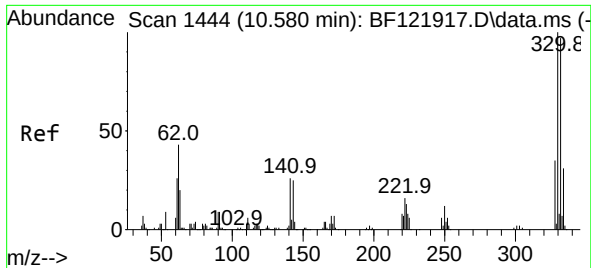
Tgt Ion:113 Resp: 3297
Ion Ratio Lower Upper
113 100
55 191.3 167.5 207.5
56 140.3 121.2 161.2



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF122233.D
Acq: 2 Nov 2020 18:57

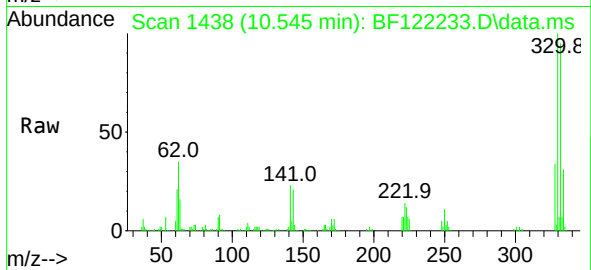
Tgt Ion:164 Resp: 169916
Ion Ratio Lower Upper
164 100
162 104.0 83.2 124.8
160 46.4 37.5 56.3



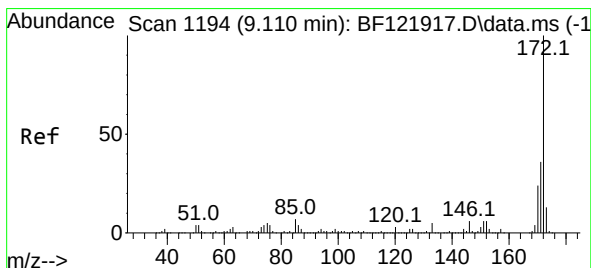
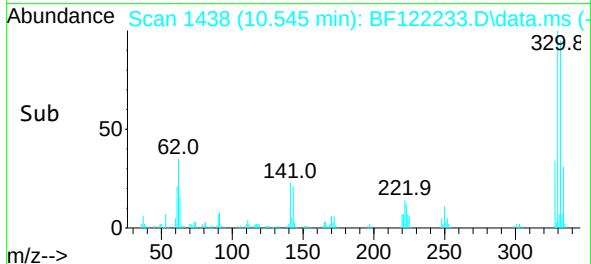
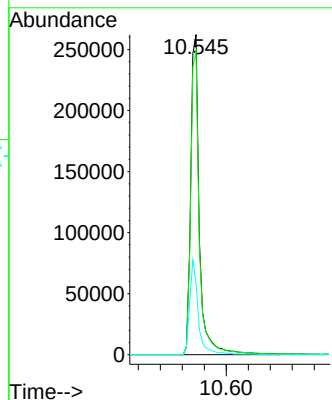


#42
2,4,6-Tribromophenol
Concen: 137.23 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.000 min
Lab File: BF122233.D
Acq: 2 Nov 2020 18:57

Instrument :
BNA_F
ClientSampleId :
AU-05-102820

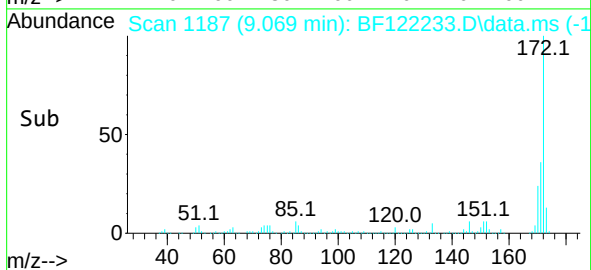
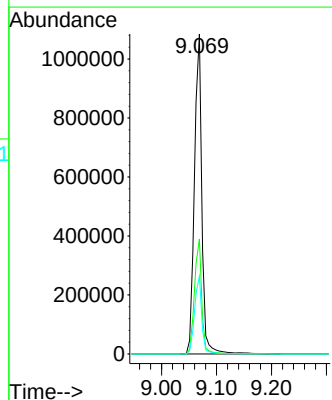
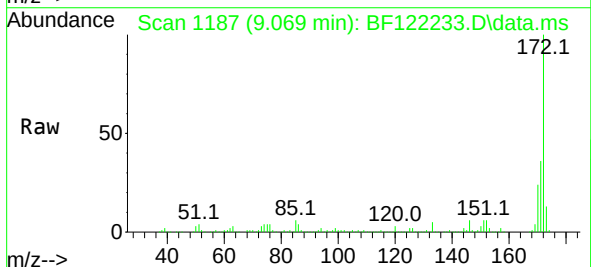


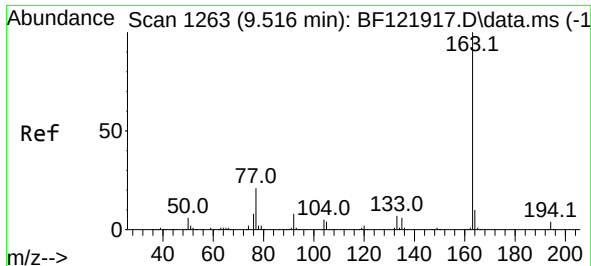
Tgt Ion:330 Resp: 288444
Ion Ratio Lower Upper
330 100
332 95.3 77.3 115.9
141 29.3 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 87.74 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF122233.D
Acq: 2 Nov 2020 18:57

Tgt Ion:172 Resp: 1013267
Ion Ratio Lower Upper
172 100
171 35.9 29.1 43.7
170 24.4 19.8 29.6

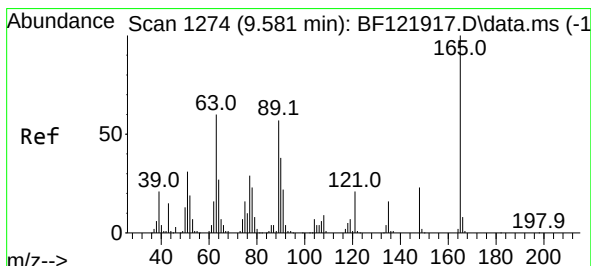
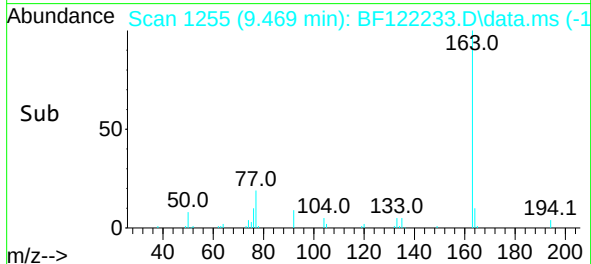
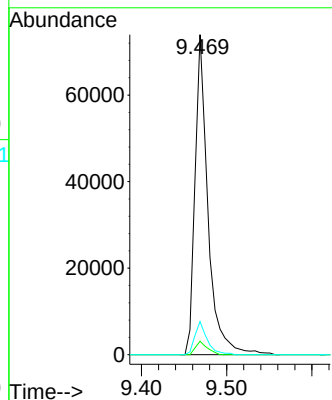
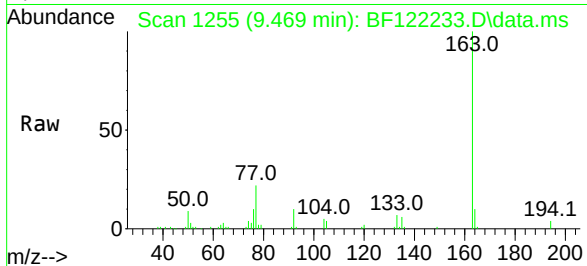




#50
Dimethylphthalate
Concen: 6.28 ng
RT: 9.469 min Scan# 1255
Delta R.T. -0.012 min
Lab File: BF122233.D
Acq: 2 Nov 2020 18:57

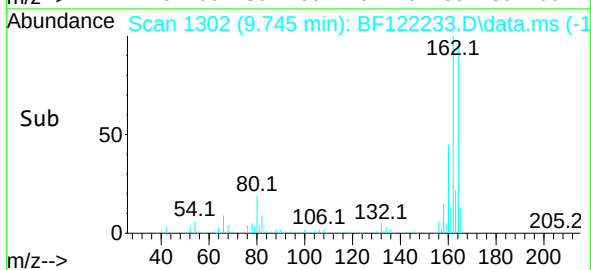
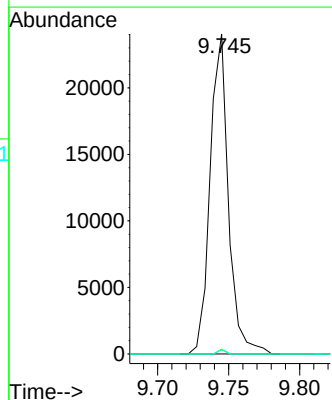
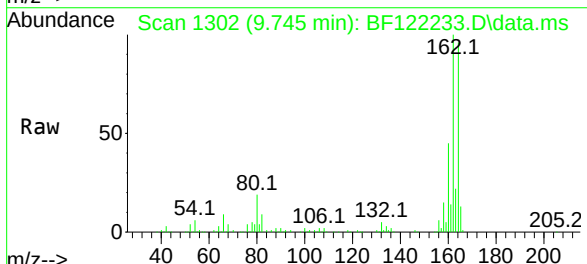
Instrument :
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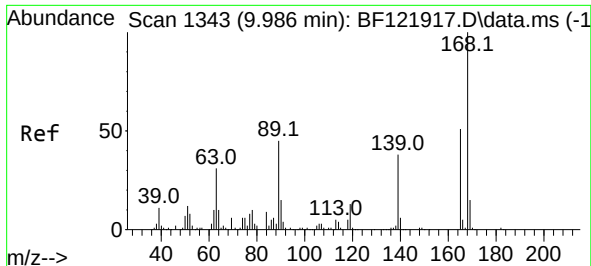
Tgt Ion:163 Resp: 78022
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.3 8.2 12.4



#51
2,6-Dinitrotoluene
Concen: 7.90 ng
RT: 9.745 min Scan# 1302
Delta R.T. 0.194 min
Lab File: BF122233.D
Acq: 2 Nov 2020 18:57

Tgt Ion:165 Resp: 21537
Ion Ratio Lower Upper
165 100
63 1.4 51.8 77.6#
89 1.6 49.0 73.6#

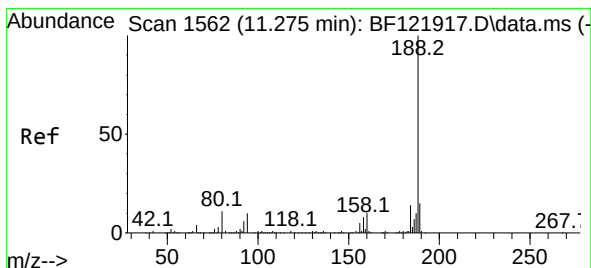
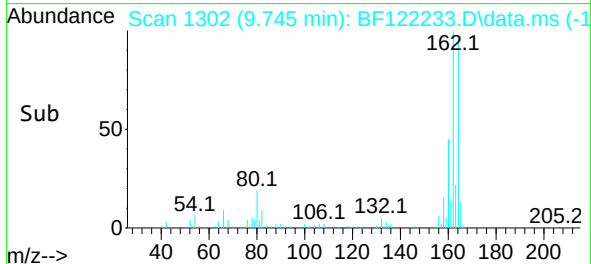
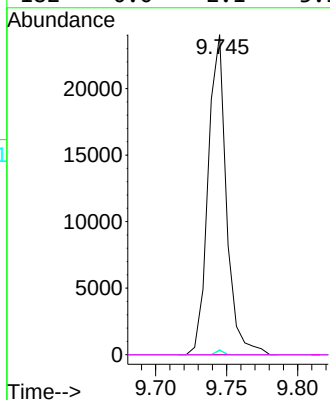
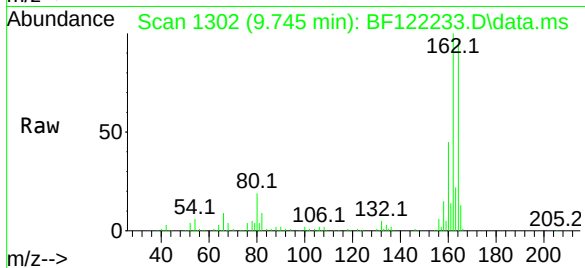




#57
2,4-Dinitrotoluene
Concen: 6.42 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.218 min
Lab File: BF122233.D
Acq: 2 Nov 2020 18:57

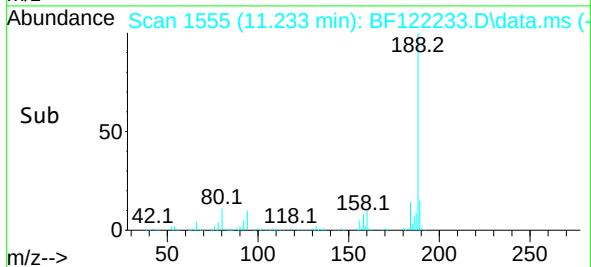
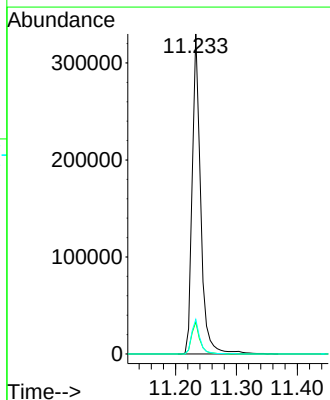
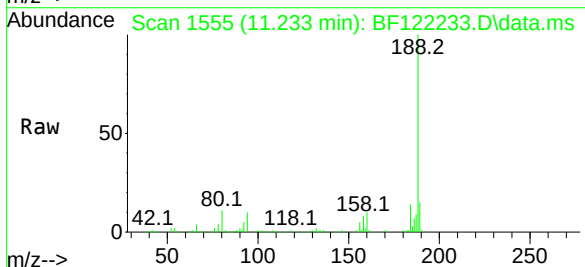
Instrument :
BNA_F
ClientSampleId :
AU-05-102820

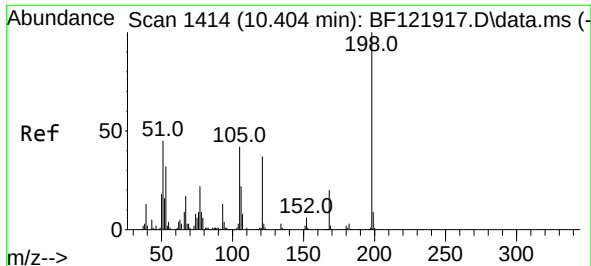
Tgt Ion:165 Resp: 21537
Ion Ratio Lower Upper
165 100
63 1.4 41.3 61.9#
89 1.6 61.8 92.8#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.233 min Scan# 1555
Delta R.T. -0.000 min
Lab File: BF122233.D
Acq: 2 Nov 2020 18:57

Tgt Ion:188 Resp: 319980
Ion Ratio Lower Upper
188 100
94 10.0 8.3 12.5
80 10.8 9.1 13.7

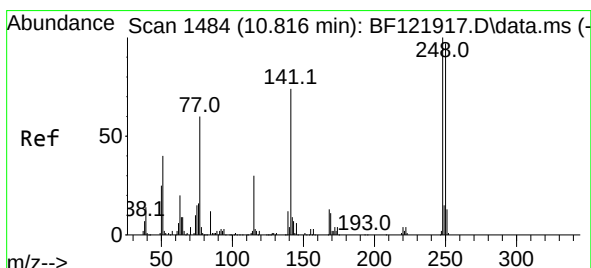
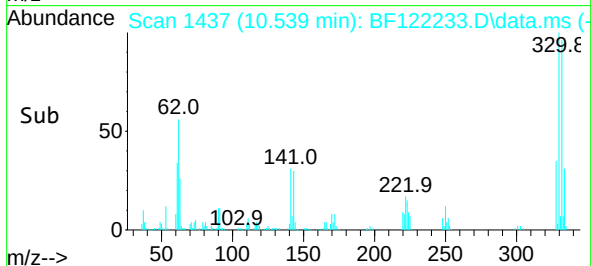
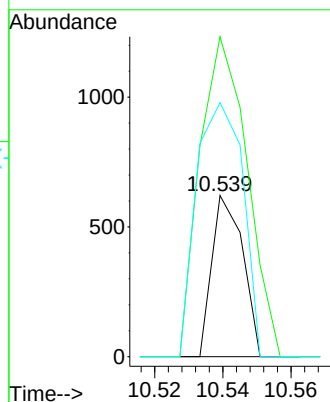
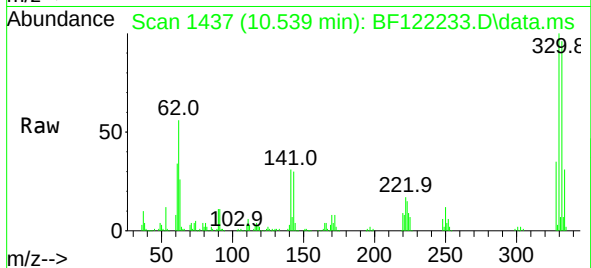




#65
4,6-Dinitro-2-methylphenol
Concen: 4.60 ng
RT: 10.539 min Scan# 1437
Delta R.T. 0.165 min
Lab File: BF122233.D
Acq: 2 Nov 2020 18:57

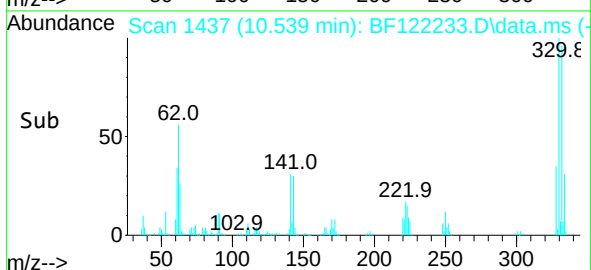
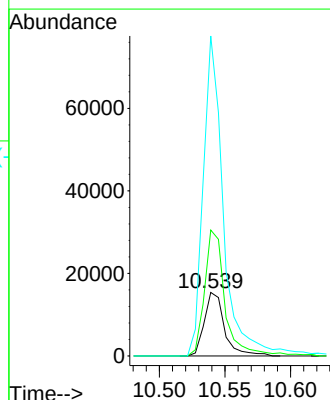
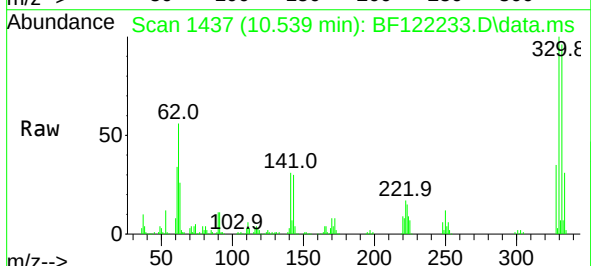
Instrument :
BNA_F
ClientSampleId :
AU-05-102820

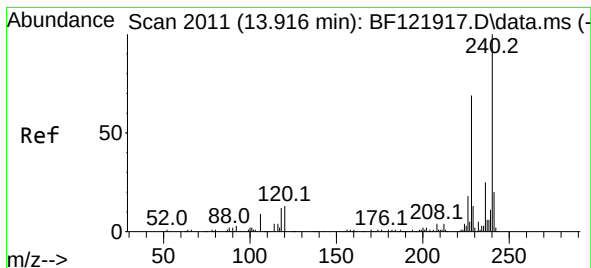
Tgt Ion:198 Resp: 388
Ion Ratio Lower Upper
198 100
51 198.6 29.6 69.6#
105 157.6 24.4 64.4#



#67
4-Bromophenyl-phenylether
Concen: 4.47 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.235 min
Lab File: BF122233.D
Acq: 2 Nov 2020 18:57

Tgt Ion:248 Resp: 16524
Ion Ratio Lower Upper
248 100
250 198.3 77.0 115.6#
141 503.8 53.7 80.5#

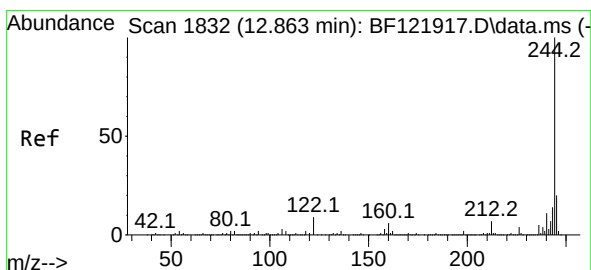
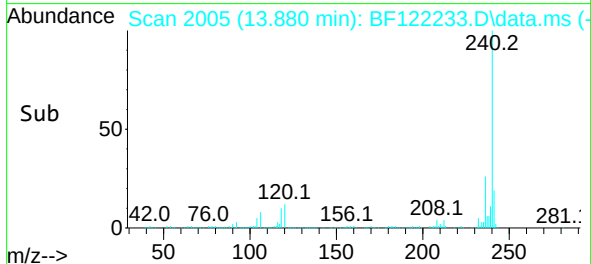
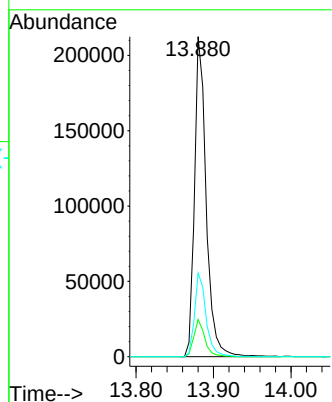
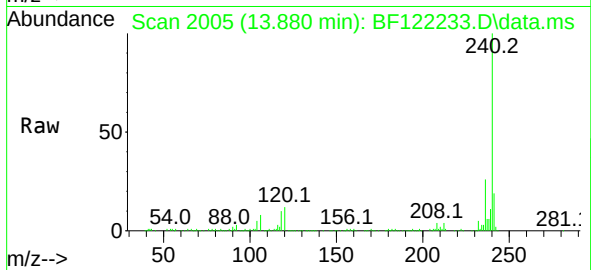




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BF122233.D
Acq: 2 Nov 2020 18:57

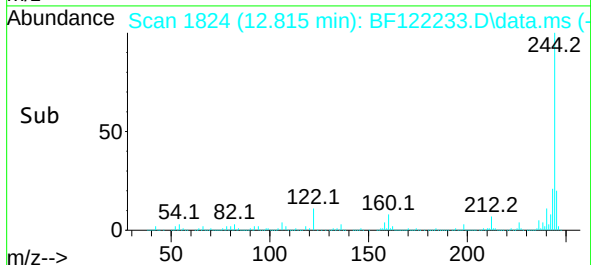
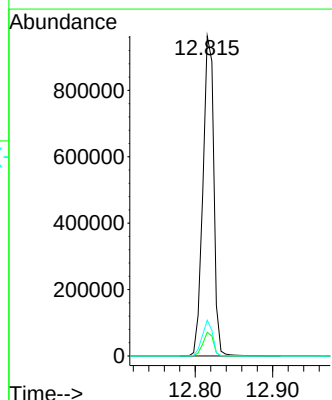
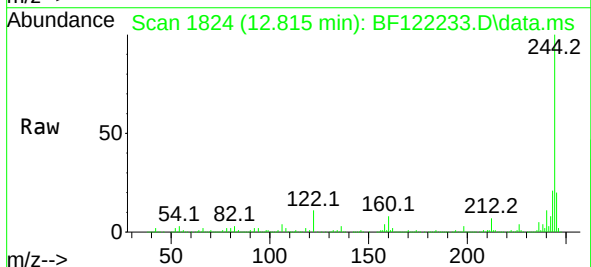
Instrument :
BNA_F
ClientSampleId :
AU-05-102820

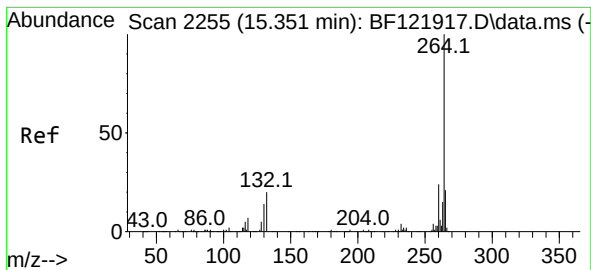
Tgt Ion:240 Resp: 222651
Ion Ratio Lower Upper
240 100
120 11.6 9.2 13.8
236 26.2 20.9 31.3



#79
Terphenyl-d14
Concen: 80.53 ng
RT: 12.815 min Scan# 1824
Delta R.T. -0.000 min
Lab File: BF122233.D
Acq: 2 Nov 2020 18:57

Tgt Ion:244 Resp: 940875
Ion Ratio Lower Upper
244 100
212 7.4 5.4 8.2
122 11.1 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: BF122233.D
 Acq: 2 Nov 2020 18:57

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-102820

Tgt Ion:264 Resp: 208120
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.7 28.1
 265 21.2 17.3 25.9

