

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110320\
 Data File : BF122252.D
 Acq On : 3 Nov 2020 21:07
 Operator : JU/CG
 Sample : L4600-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CRT-23

Quant Time: Nov 04 01:08:18 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)

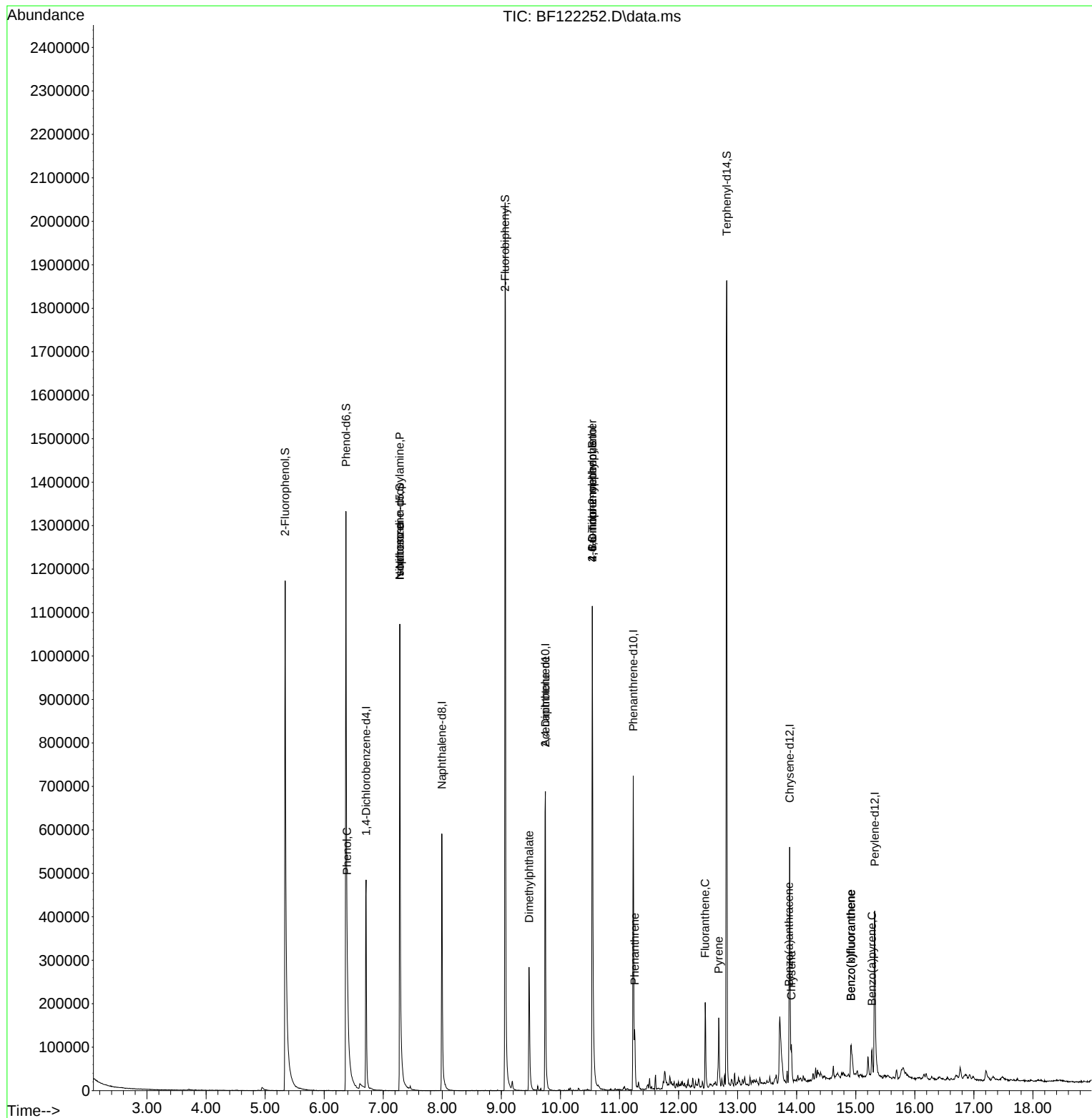
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.710	152	81140	20.00	ng	0.00
21) Naphthalene-d8	7.992	136	321011	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	162682	20.00	ng	0.00
64) Phenanthrene-d10	11.233	188	290511	20.00	ng	0.00
76) Chrysene-d12	13.880	240	191074	20.00	ng	0.00
86) Perylene-d12	15.321	264	204819	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	528658	96.16	ng	0.00
7) Phenol-d6	6.369	99	666076	94.12	ng	0.00
23) Nitrobenzene-d5	7.281	82	423441	67.65	ng	0.00
42) 2,4,6-Tribromophenol	10.539	330	175713	87.32	ng	0.00
45) 2-Fluorobiphenyl	9.063	172	728357	65.87	ng	-0.01
79) Terphenyl-d14	12.816	244	601689	60.01	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.369	77	1132	Below Cal	#	3
10) Phenol	6.387	94	32903	4.51	ng	# 83
19) n-Nitroso-di-n-propyla...	7.281	70	57279	14.22	ng	# 77
25) Isophorone	7.281	82	423441	35.78	ng	# 67
50) Dimethylphthalate	9.469	163	149168	12.54	ng	100
57) 2,4-Dinitrotoluene	9.745	165	20554	6.40	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.539	198	122	4.49	ng	# 1
67) 4-Bromophenyl-phenylether	10.539	248	10198	3.04	ng	# 1
71) Phenanthrene	11.257	178	50947	3.20	ng	96
75) Fluoranthene	12.451	202	80867	4.73	ng	98
78) Pyrene	12.680	202	64756	4.45	ng	98
81) Benzo(a)anthracene	13.868	228	27336	2.18	ng	95
83) Chrysene	13.910	228	32476	2.64	ng	98
88) Benzo(b)fluoranthene	14.921	252	54857	3.96	ng	98
89) Benzo(k)fluoranthene	14.921	252	54857	4.17	ng	98
90) Benzo(a)pyrene	15.274	252	28480	2.38	ng	97

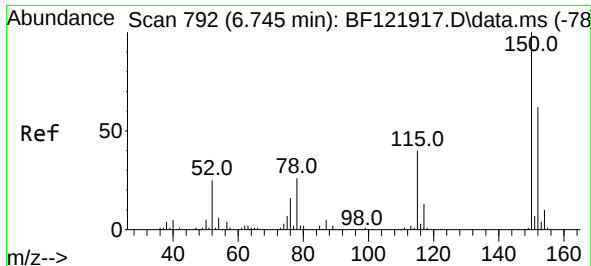
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110320\
Data File : BF122252.D
Acq On : 3 Nov 2020 21:07
Operator : JU/CG
Sample : L4600-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CRT-23

Quant Time: Nov 04 01:08:18 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

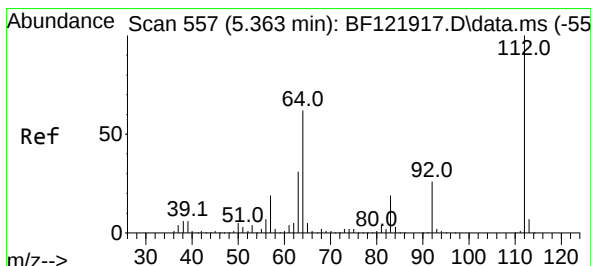
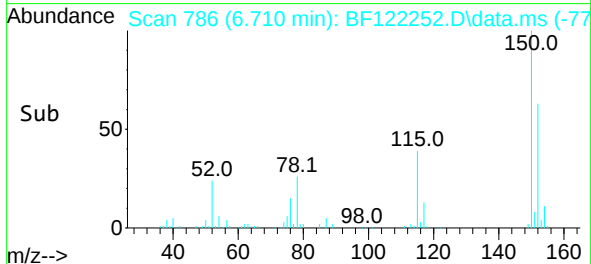
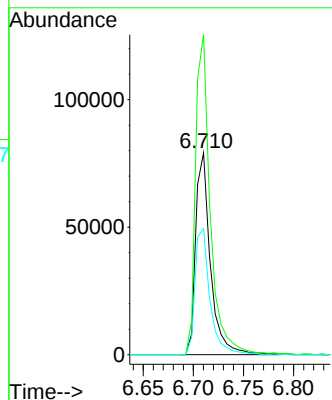
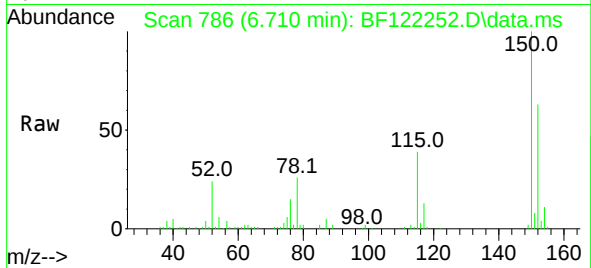




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.710 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF122252.D
Acq: 3 Nov 2020 21:07

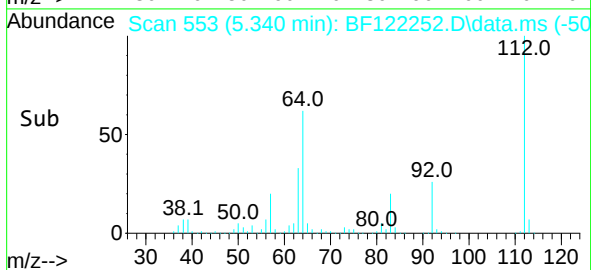
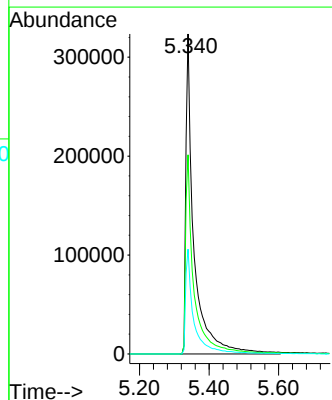
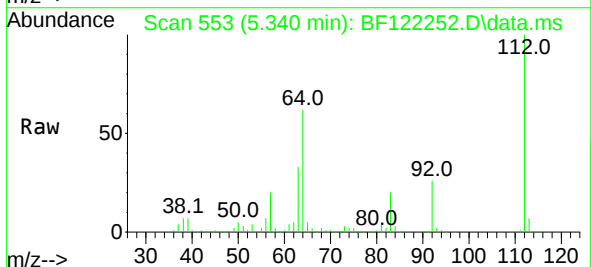
Instrument :
BNA_F
ClientSampleId :
CRT-23

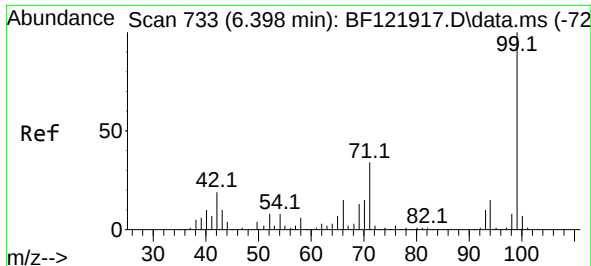
Tgt Ion:152 Resp: 81140
Ion Ratio Lower Upper
152 100
150 158.4 125.3 187.9
115 62.5 51.9 77.9



#5
2-Fluorophenol
Concen: 96.16 ng
RT: 5.340 min Scan# 553
Delta R.T. 0.006 min
Lab File: BF122252.D
Acq: 3 Nov 2020 21:07

Tgt Ion:112 Resp: 528658
Ion Ratio Lower Upper
112 100
64 62.3 50.4 75.6
63 32.8 25.8 38.6

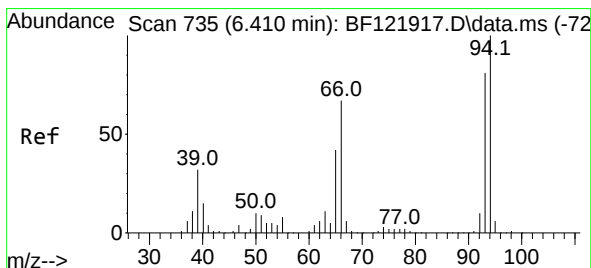
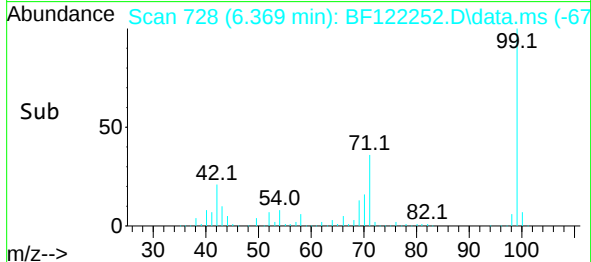
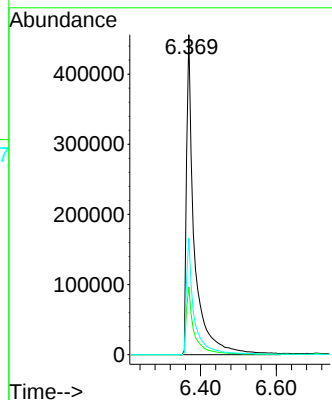
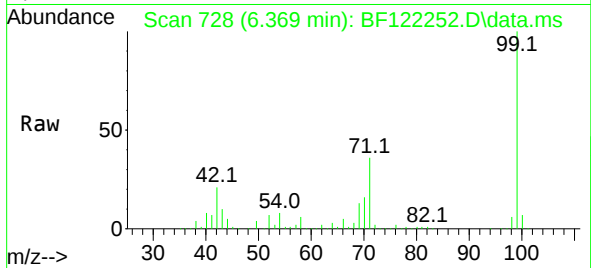




#7
Phenol-d6
Concen: 94.12 ng
RT: 6.369 min Scan# 728
Delta R.T. -0.000 min
Lab File: BF122252.D
Acq: 3 Nov 2020 21:07

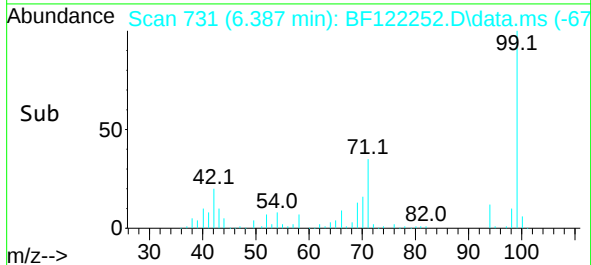
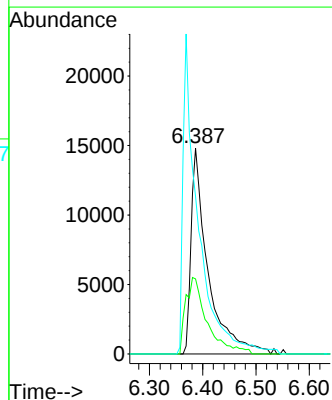
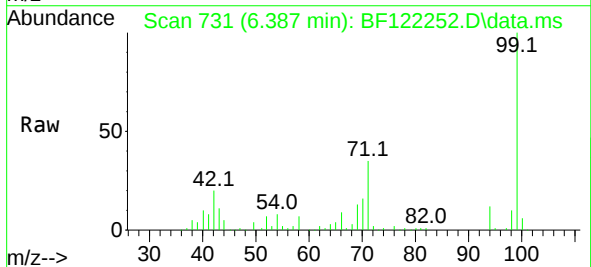
Instrument :
BNA_F
ClientSampleId :
CRT-23

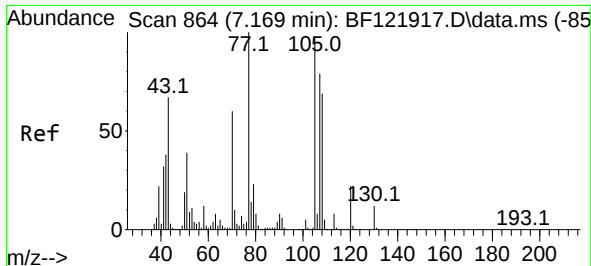
Tgt Ion: 99 Resp: 666076
Ion Ratio Lower Upper
99 100
42 21.2 15.9 23.9
71 36.5 27.1 40.7



#10
Phenol
Concen: 4.51 ng
RT: 6.387 min Scan# 731
Delta R.T. 0.006 min
Lab File: BF122252.D
Acq: 3 Nov 2020 21:07

Tgt Ion: 94 Resp: 32903
Ion Ratio Lower Upper
94 100
65 36.5 17.1 57.1
66 76.6 36.0 76.0#

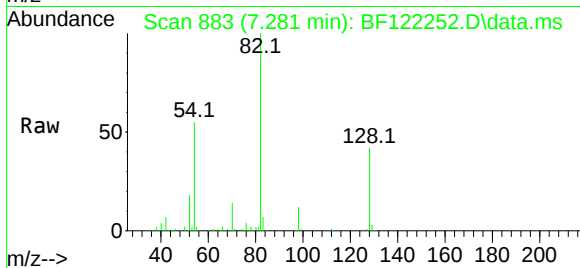




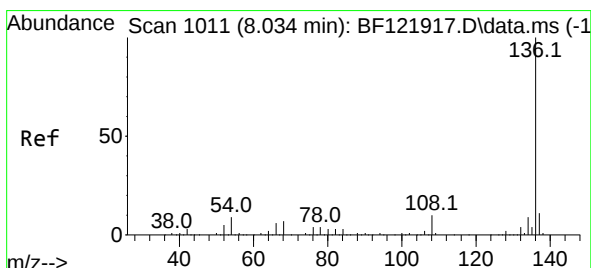
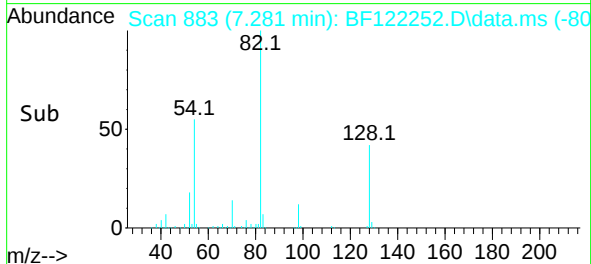
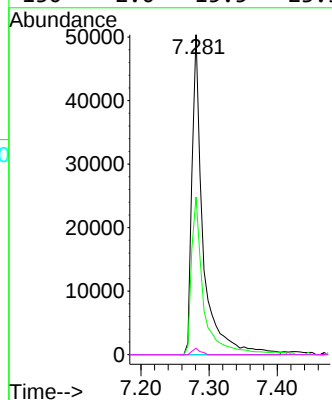
#19

n-Nitroso-di-n-propylamine
Concen: 14.22 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.141 min
Lab File: BF122252.D
Acq: 3 Nov 2020 21:07

Instrument :
BNA_F
ClientSampleId :
CRT-23

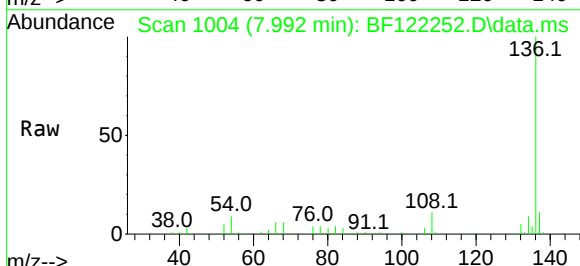


Tgt Ion:	70	Resp:	57279
Ion	Ratio	Lower	Upper
70	100		
42	49.3	50.2	75.4#
101	0.0	7.5	11.3#
130	2.0	15.5	23.3#

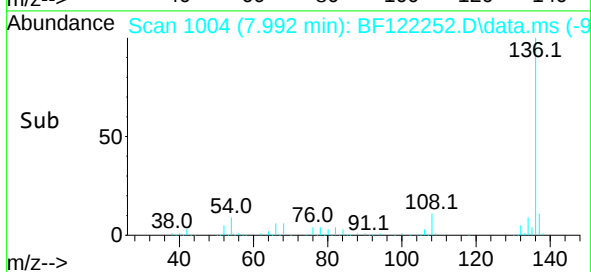
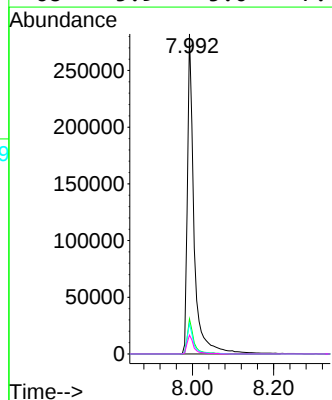


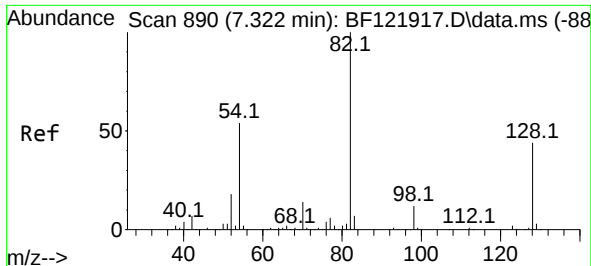
#21

Naphthalene-d8
Concen: 20.00 ng
RT: 7.992 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF122252.D
Acq: 3 Nov 2020 21:07



Tgt Ion:	136	Resp:	321011
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	9.4	7.1	10.7
68	5.9	5.0	7.4





#23

Nitrobenzene-d5

Concen: 67.65 ng

RT: 7.281 min Scan# 883

Delta R.T. -0.006 min

Lab File: BF122252.D

Acq: 3 Nov 2020 21:07

Tgt Ion: 82 Resp: 423441

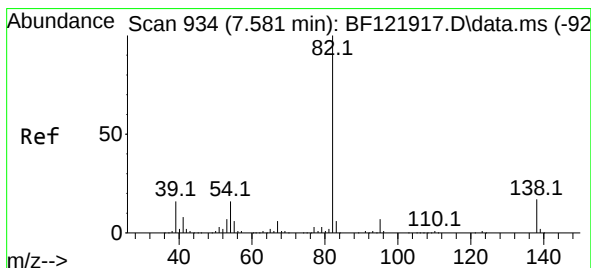
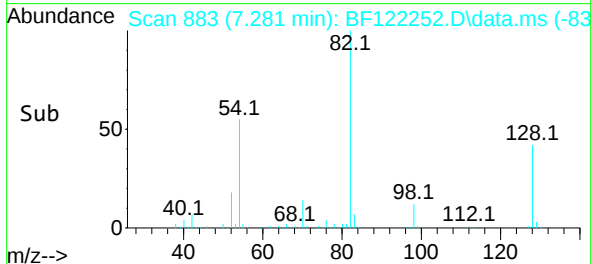
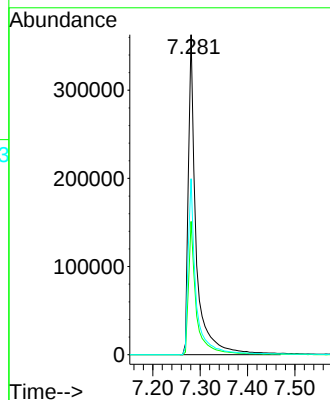
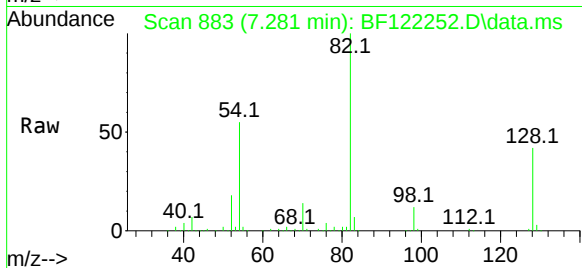
Ion	Ratio	Lower	Upper
82	100		
128	41.6	35.0	52.4
54	55.0	43.9	65.9

Instrument :

BNA_F

ClientSampleId :

CRT-23



#25

Isophorone

Concen: 35.78 ng

RT: 7.281 min Scan# 883

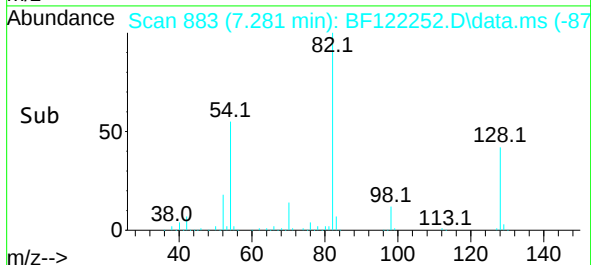
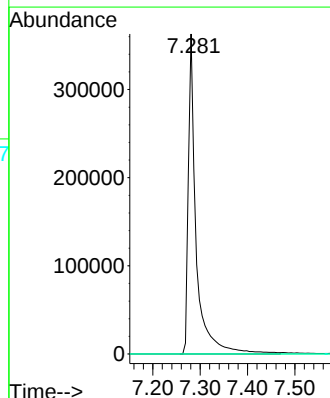
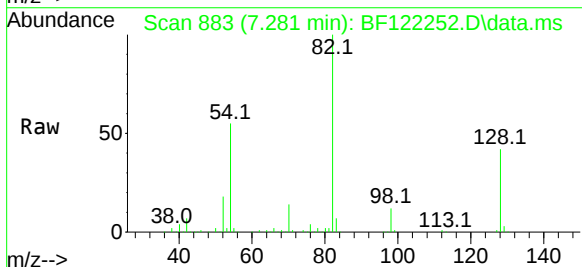
Delta R.T. -0.265 min

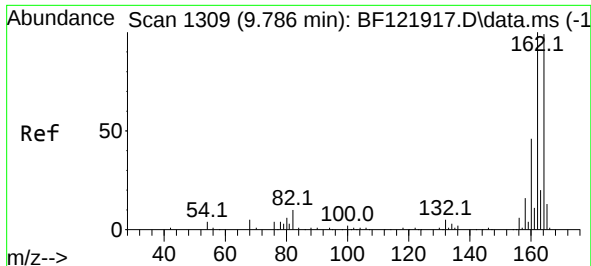
Lab File: BF122252.D

Acq: 3 Nov 2020 21:07

Tgt Ion: 82 Resp: 423441

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

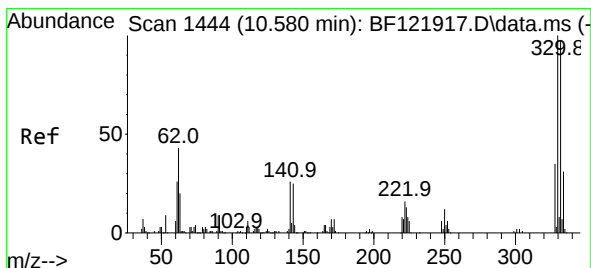
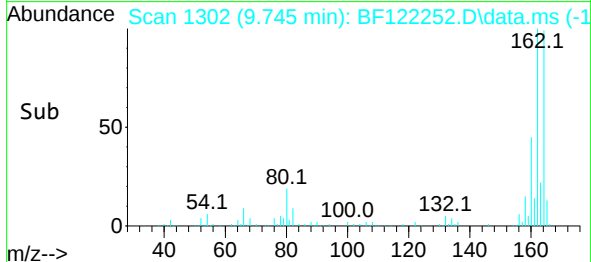
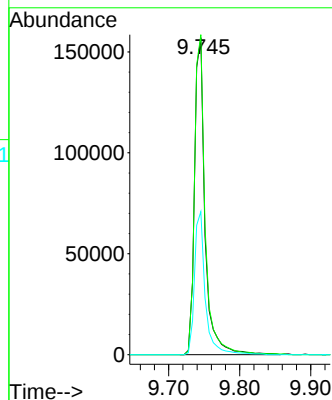
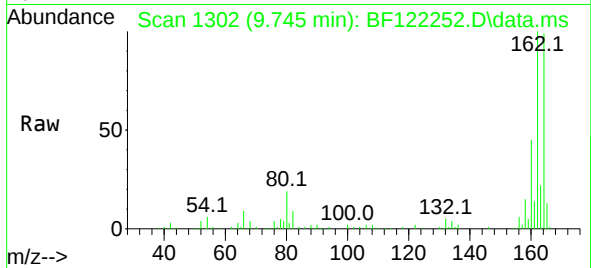




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF122252.D
Acq: 3 Nov 2020 21:07

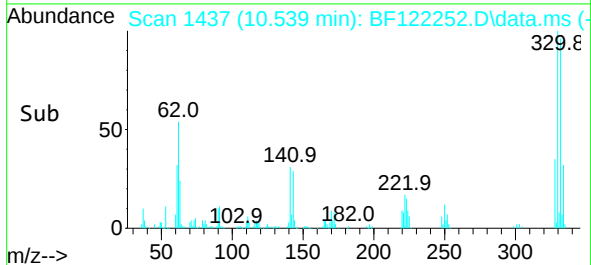
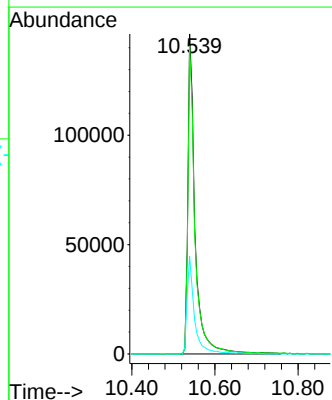
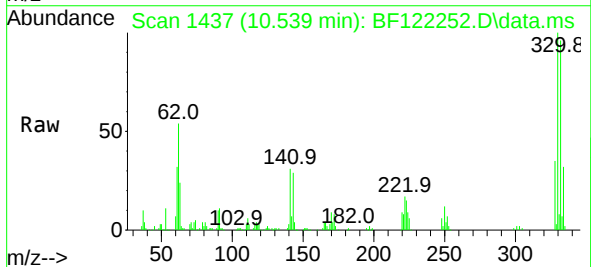
Instrument :
BNA_F
ClientSampleId :
CRT-23

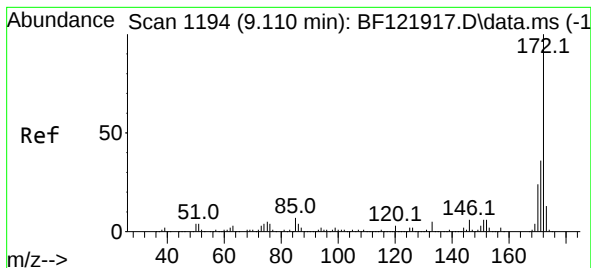
Tgt Ion:164 Resp: 162682
Ion Ratio Lower Upper
164 100
162 100.9 83.2 124.8
160 45.1 37.5 56.3



#42
2,4,6-Tribromophenol
Concen: 87.32 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.006 min
Lab File: BF122252.D
Acq: 3 Nov 2020 21:07

Tgt Ion:330 Resp: 175713
Ion Ratio Lower Upper
330 100
332 95.4 77.3 115.9
141 31.2 22.3 33.5

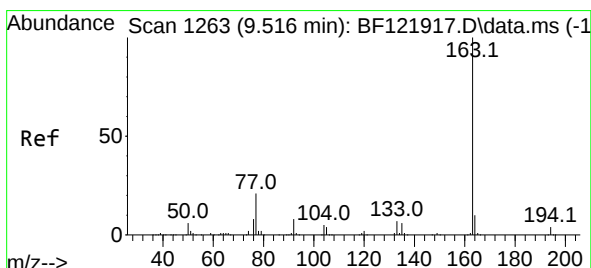
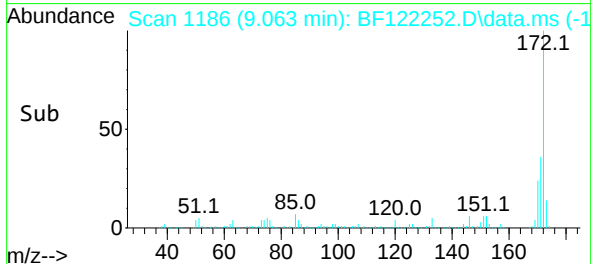
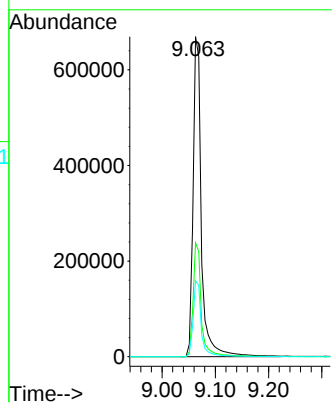
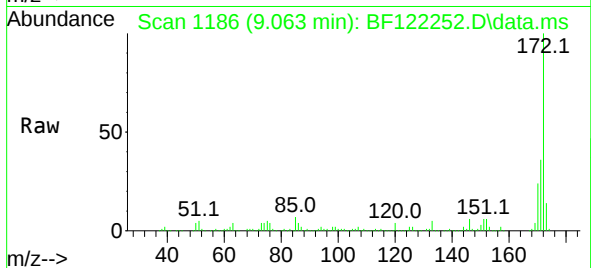




#45
2-Fluorobiphenyl
Concen: 65.87 ng
RT: 9.063 min Scan# 1186
Delta R.T. -0.012 min
Lab File: BF122252.D
Acq: 3 Nov 2020 21:07

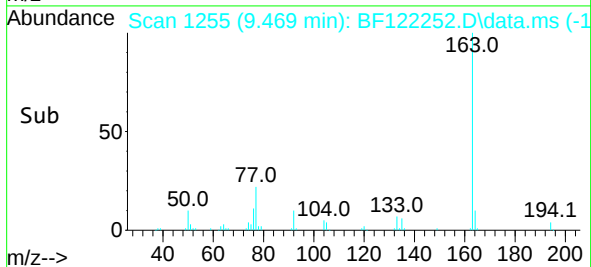
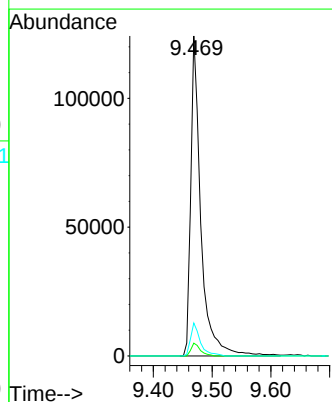
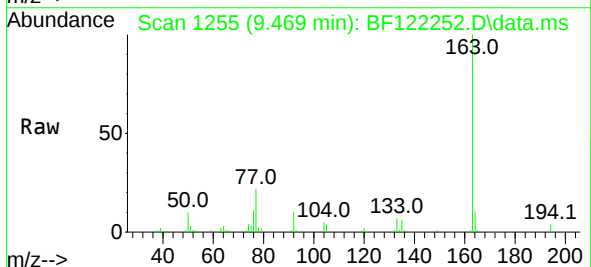
Instrument :
BNA_F
ClientSampleId :
CRT-23

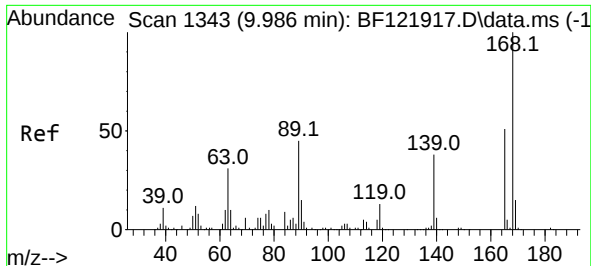
Tgt Ion:172 Resp: 728357
Ion Ratio Lower Upper
172 100
171 35.6 29.1 43.7
170 23.8 19.8 29.6



#50
Dimethylphthalate
Concen: 12.54 ng
RT: 9.469 min Scan# 1255
Delta R.T. -0.012 min
Lab File: BF122252.D
Acq: 3 Nov 2020 21:07

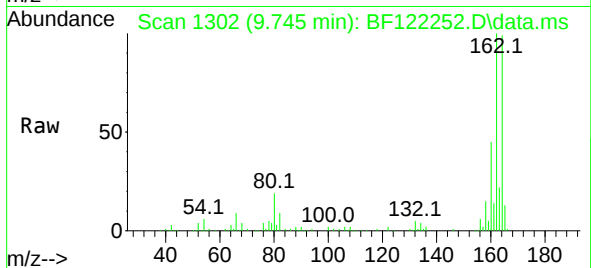
Tgt Ion:163 Resp: 149168
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.3 8.2 12.4



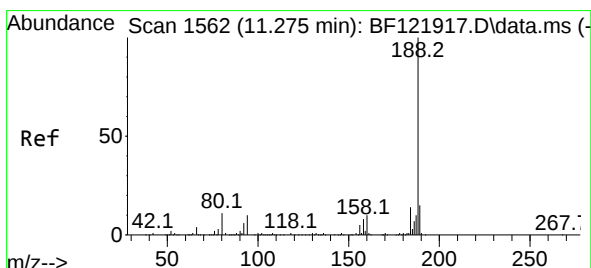
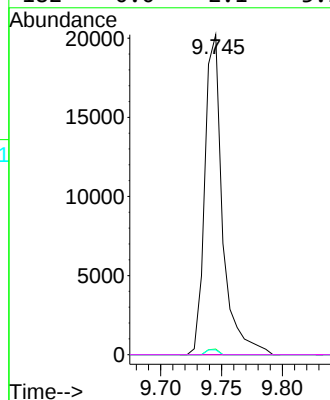
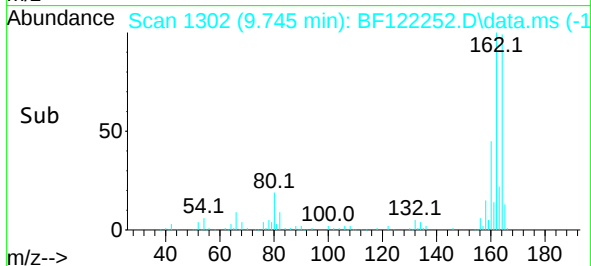


#57
2,4-Dinitrotoluene
Concen: 6.40 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.218 min
Lab File: BF122252.D
Acq: 3 Nov 2020 21:07

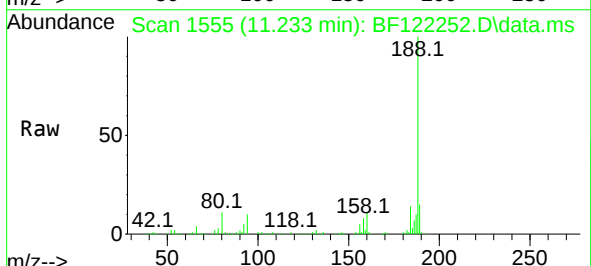
Instrument :
BNA_F
ClientSampleId :
CRT-23



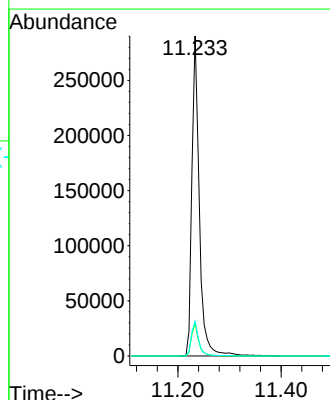
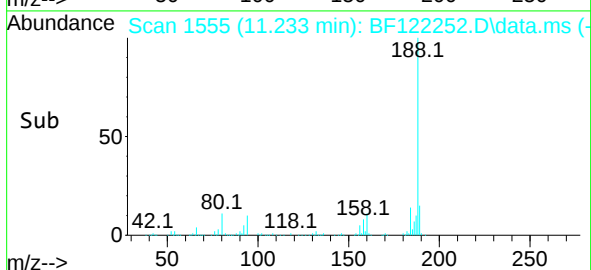
Tgt Ion:165 Resp: 20554
Ion Ratio Lower Upper
165 100
63 1.7 41.3 61.9#
89 1.5 61.8 92.8#
182 0.0 2.1 3.1#

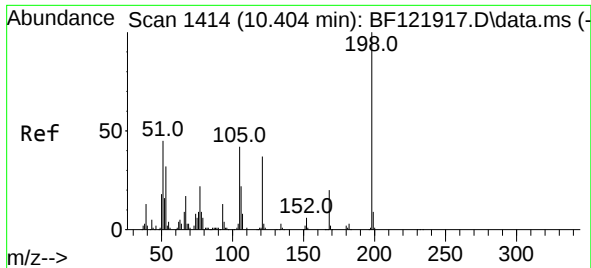


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.233 min Scan# 1555
Delta R.T. -0.000 min
Lab File: BF122252.D
Acq: 3 Nov 2020 21:07



Tgt Ion:188 Resp: 290511
Ion Ratio Lower Upper
188 100
94 10.2 8.3 12.5
80 10.9 9.1 13.7

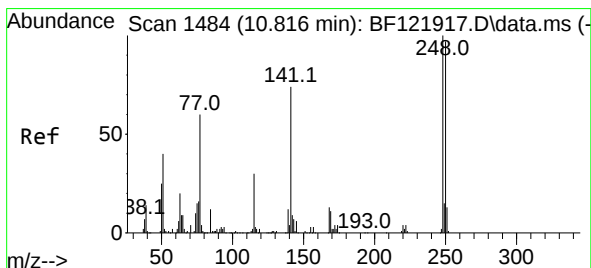
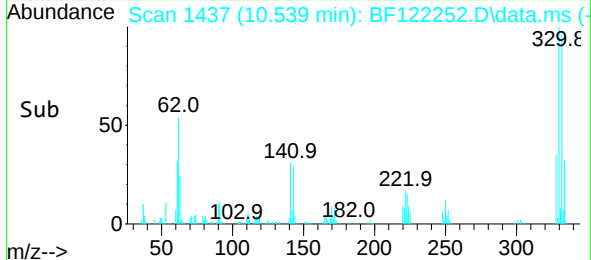
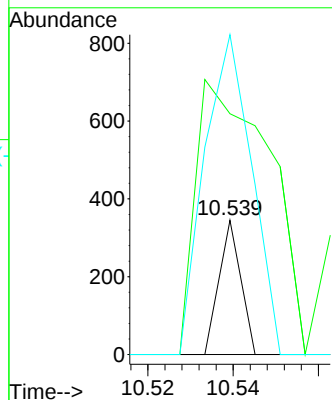
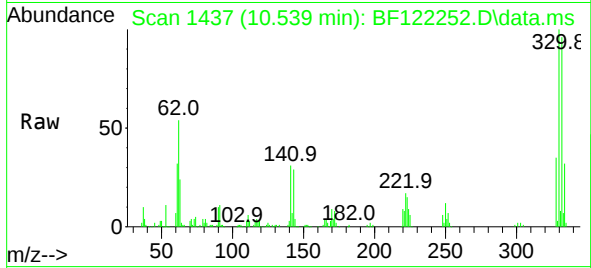




#65
4,6-Dinitro-2-methylphenol
Concen: 4.49 ng
RT: 10.539 min Scan# 1437
Delta R.T. 0.165 min
Lab File: BF122252.D
Acq: 3 Nov 2020 21:07

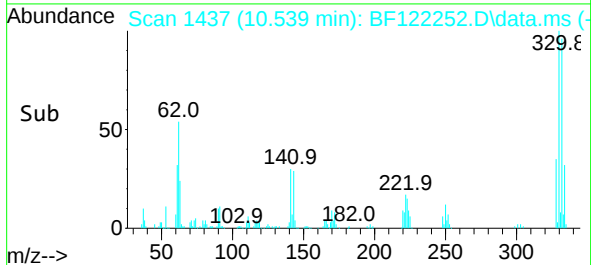
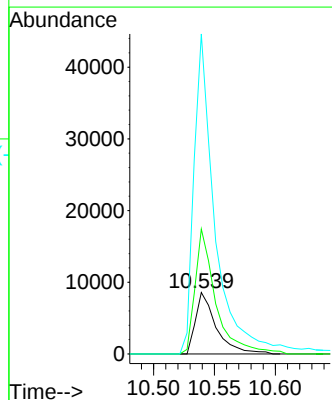
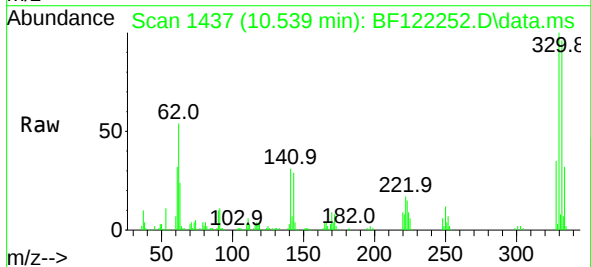
Instrument :
BNA_F
ClientSampleId :
CRT-23

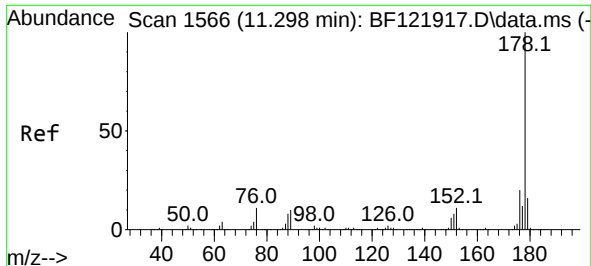
Tgt Ion:198 Resp: 122
Ion Ratio Lower Upper
198 100
51 179.4 29.6 69.6#
105 238.3 24.4 64.4#



#67
4-Bromophenyl-phenylether
Concen: 3.04 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.235 min
Lab File: BF122252.D
Acq: 3 Nov 2020 21:07

Tgt Ion:248 Resp: 10198
Ion Ratio Lower Upper
248 100
250 203.3 77.0 115.6#
141 520.8 53.7 80.5#

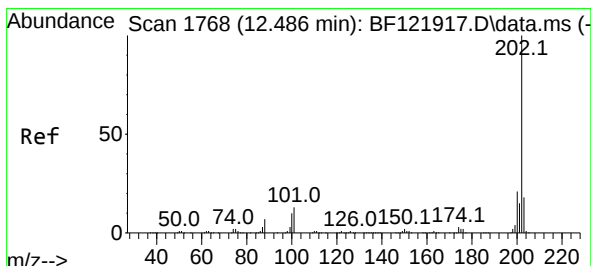
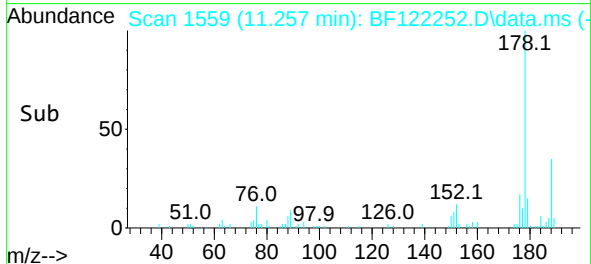
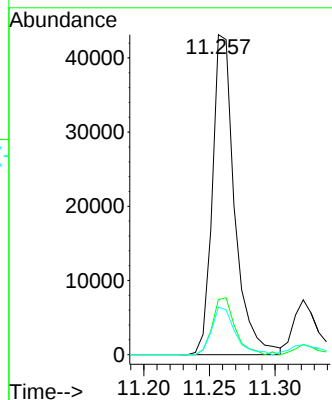
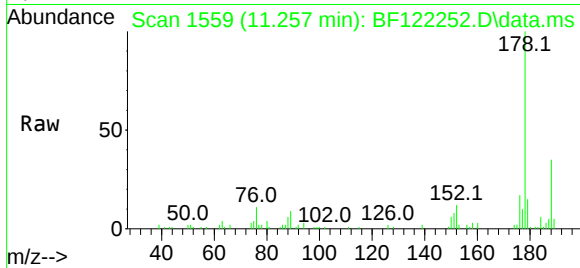




#71
Phenanthrene
Concen: 3.20 ng
RT: 11.257 min Scan# 1559
Delta R.T. -0.006 min
Lab File: BF122252.D
Acq: 3 Nov 2020 21:07

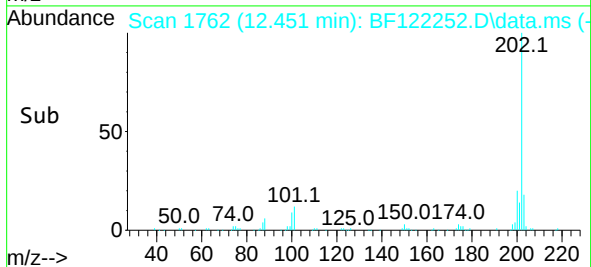
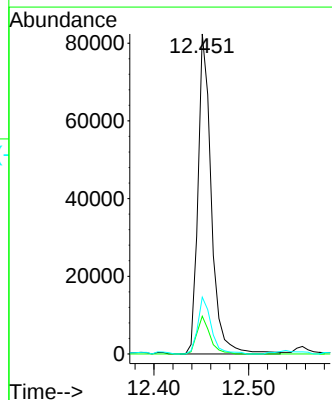
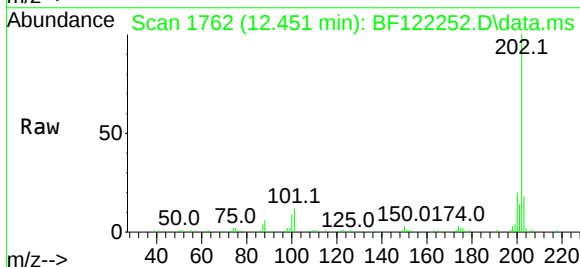
Instrument :
BNA_F
ClientSampleId :
CRT-23

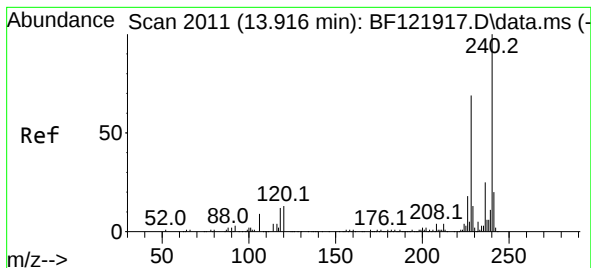
Tgt Ion:178 Resp: 50947
Ion Ratio Lower Upper
178 100
176 17.3 15.9 23.9
179 14.9 12.2 18.4



#75
Fluoranthene
Concen: 4.73 ng
RT: 12.451 min Scan# 1762
Delta R.T. -0.000 min
Lab File: BF122252.D
Acq: 3 Nov 2020 21:07

Tgt Ion:202 Resp: 80867
Ion Ratio Lower Upper
202 100
101 11.8 0.0 33.4
203 17.8 0.0 37.9

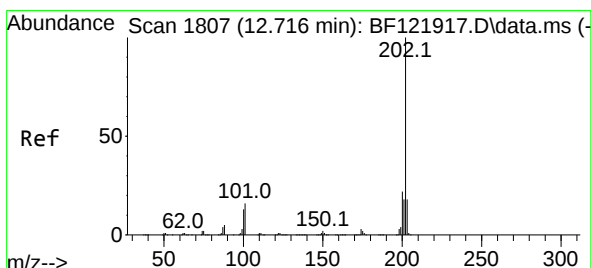
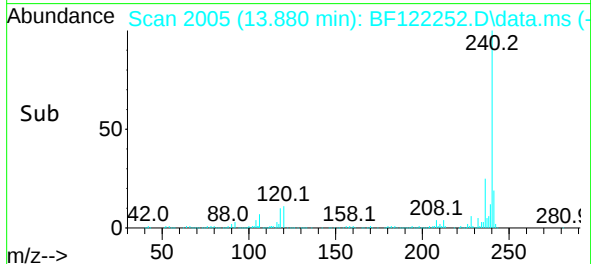
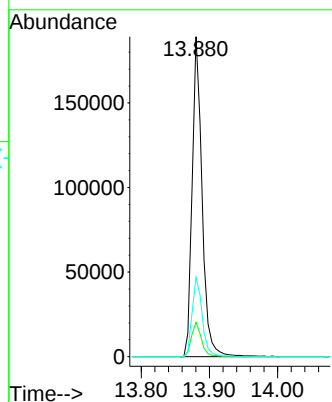
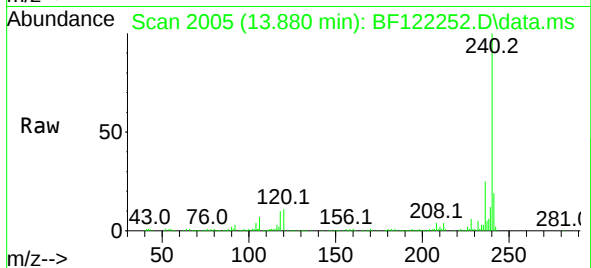




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BF122252.D
Acq: 3 Nov 2020 21:07

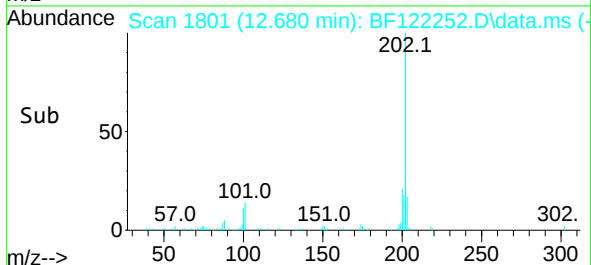
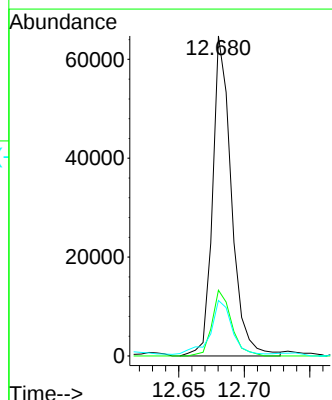
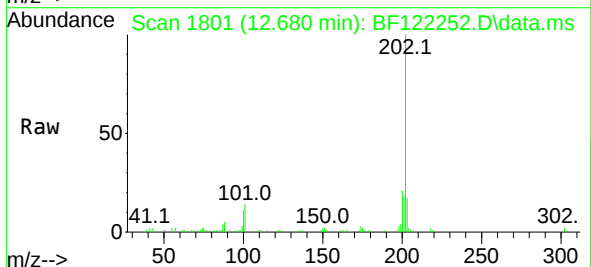
Instrument :
BNA_F
ClientSampleId :
CRT-23

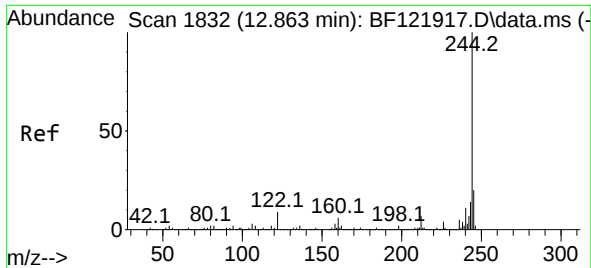
Tgt Ion:240 Resp: 191074
Ion Ratio Lower Upper
240 100
120 10.7 9.2 13.8
236 24.8 20.9 31.3



#78
Pyrene
Concen: 4.45 ng
RT: 12.680 min Scan# 1801
Delta R.T. -0.000 min
Lab File: BF122252.D
Acq: 3 Nov 2020 21:07

Tgt Ion:202 Resp: 64756
Ion Ratio Lower Upper
202 100
200 20.5 17.4 26.2
203 17.3 14.6 21.8

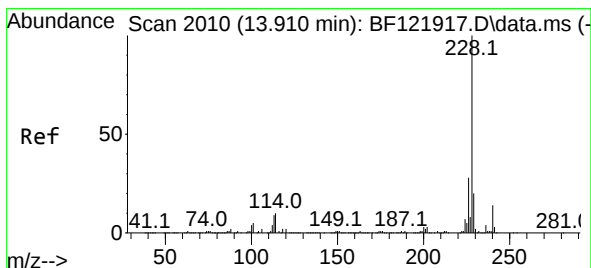
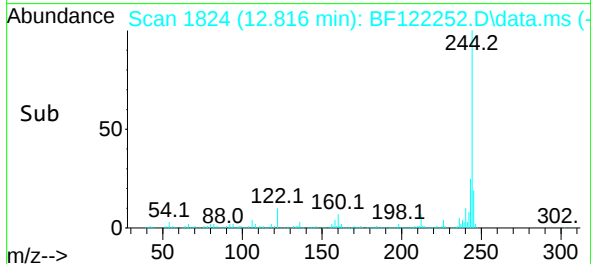
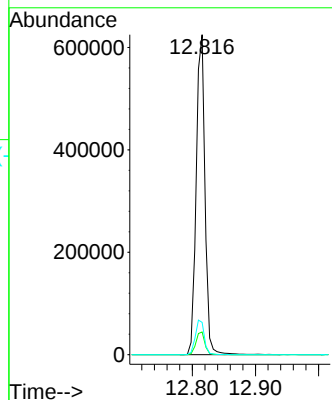
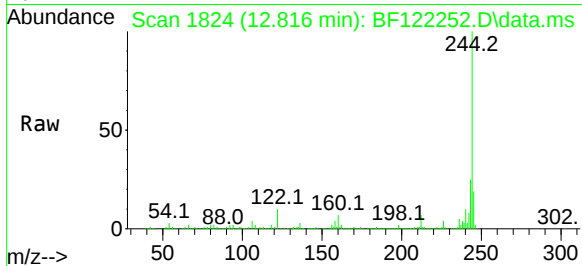




#79
Terphenyl-d14
Concen: 60.01 ng
RT: 12.816 min Scan# 1824
Delta R.T. -0.000 min
Lab File: BF122252.D
Acq: 3 Nov 2020 21:07

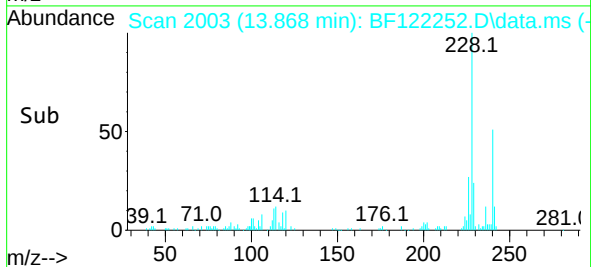
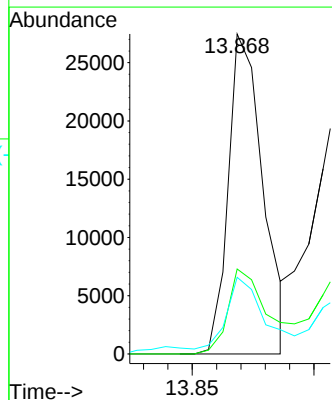
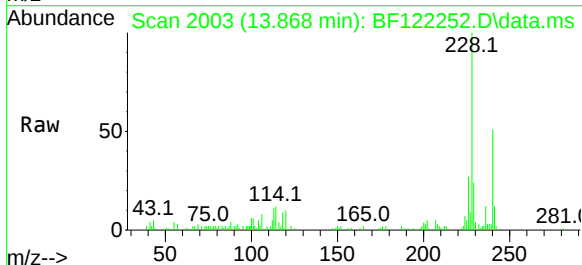
Instrument :
BNA_F
ClientSampleId :
CRT-23

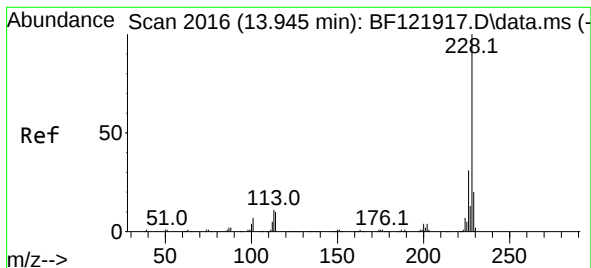
Tgt Ion:244 Resp: 601689
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.2
122 10.1 8.1 12.1



#81
Benzo(a)anthracene
Concen: 2.18 ng
RT: 13.868 min Scan# 2003
Delta R.T. -0.000 min
Lab File: BF122252.D
Acq: 3 Nov 2020 21:07

Tgt Ion:228 Resp: 27336
Ion Ratio Lower Upper
228 100
226 26.6 22.3 33.5
229 24.0 16.2 24.4





#83

Chrysene

Concen: 2.64 ng

RT: 13.910 min Scan# 2010

Delta R.T. 0.006 min

Lab File: BF122252.D

Acq: 3 Nov 2020 21:07

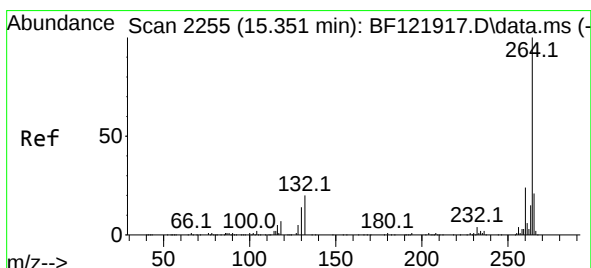
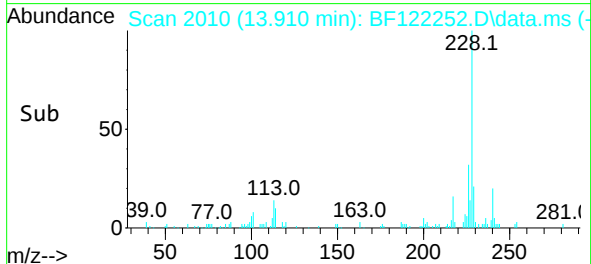
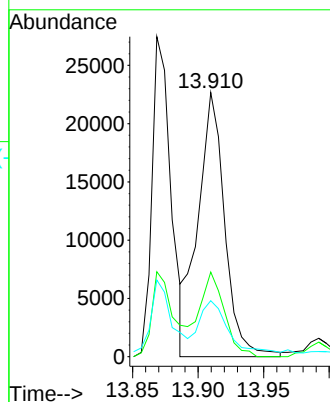
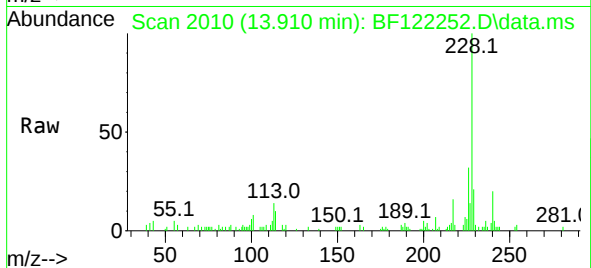
Tgt Ion:228 Resp: 32476

Ion Ratio Lower Upper

228 100

226 32.0 24.6 37.0

229 21.2 15.9 23.9



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.321 min Scan# 2250

Delta R.T. 0.018 min

Lab File: BF122252.D

Acq: 3 Nov 2020 21:07

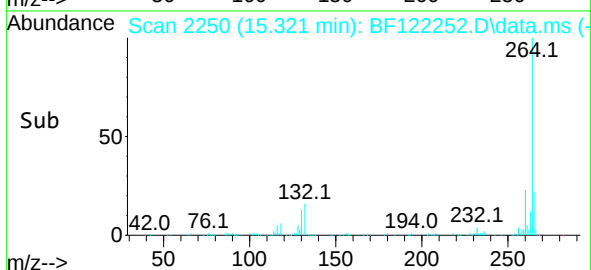
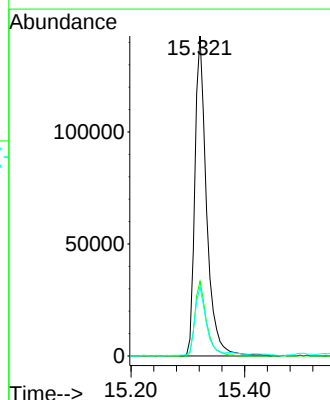
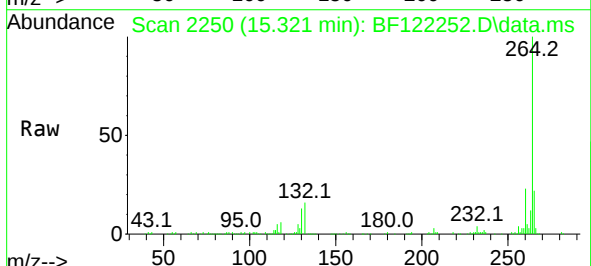
Tgt Ion:264 Resp: 204819

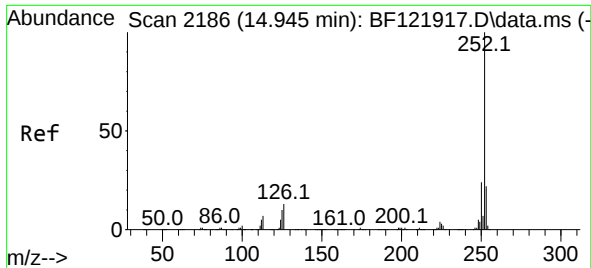
Ion Ratio Lower Upper

264 100

260 23.4 18.7 28.1

265 21.6 17.3 25.9

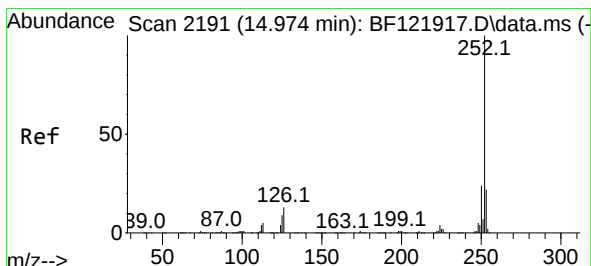
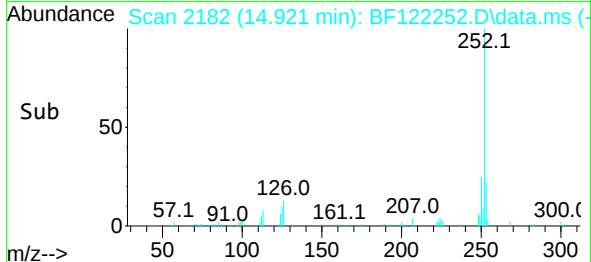
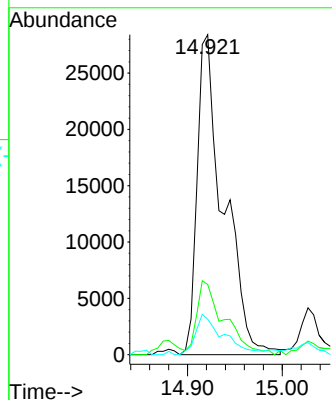
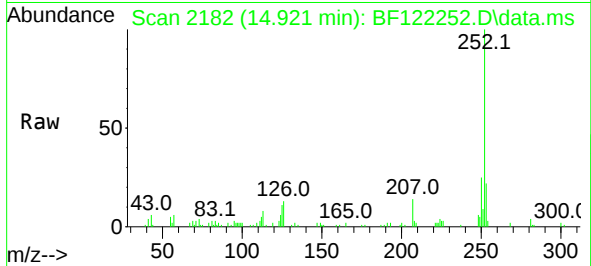




#88
Benzo(b)fluoranthene
Concen: 3.96 ng
RT: 14.921 min Scan# 2182
Delta R.T. 0.023 min
Lab File: BF122252.D
Acq: 3 Nov 2020 21:07

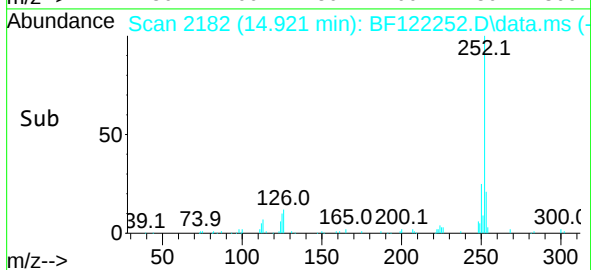
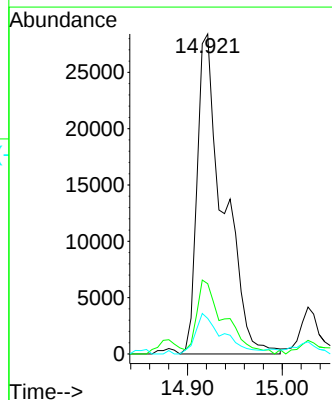
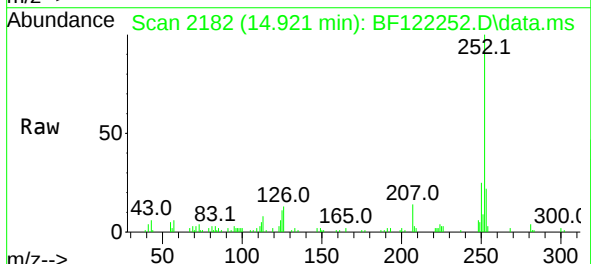
Instrument :
BNA_F
ClientSampleId :
CRT-23

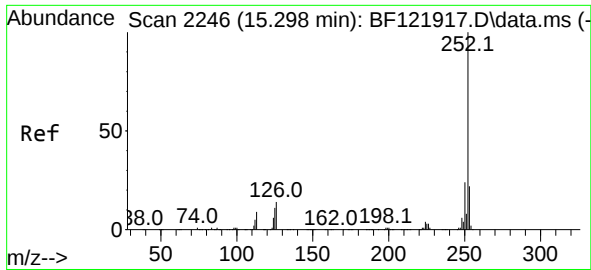
Tgt Ion:252 Resp: 54857
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.2
125 11.1 8.0 12.0



#89
Benzo(k)fluoranthene
Concen: 4.17 ng
RT: 14.921 min Scan# 2182
Delta R.T. -0.006 min
Lab File: BF122252.D
Acq: 3 Nov 2020 21:07

Tgt Ion:252 Resp: 54857
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.6
125 11.1 7.7 11.5





#90

Benzo(a)pyrene

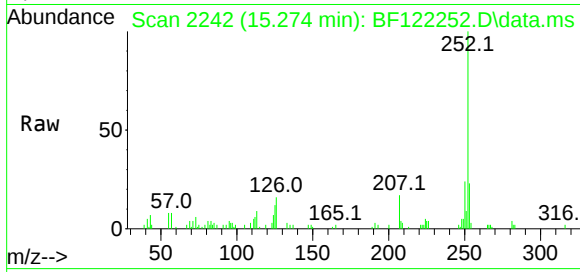
Concen: 2.38 ng

RT: 15.274 min Scan# 2242

Delta R.T. 0.023 min

Lab File: BF122252.D

Acq: 3 Nov 2020 21:07



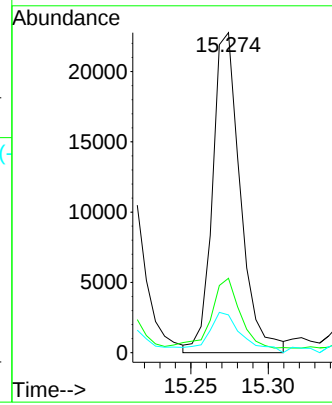
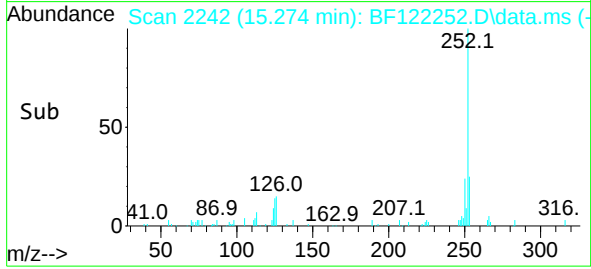
Tgt Ion:252 Resp: 28480

Ion Ratio Lower Upper

252 100

253 23.3 17.3 25.9

125 11.8 8.6 13.0



Instrument :

BNA_F

ClientSampleId :

CRT-23