

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110320\
 Data File : BF122251.D
 Acq On : 3 Nov 2020 20:37
 Operator : JU/CG
 Sample : L4600-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CRT-17

Quant Time: Nov 04 01:08:10 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)

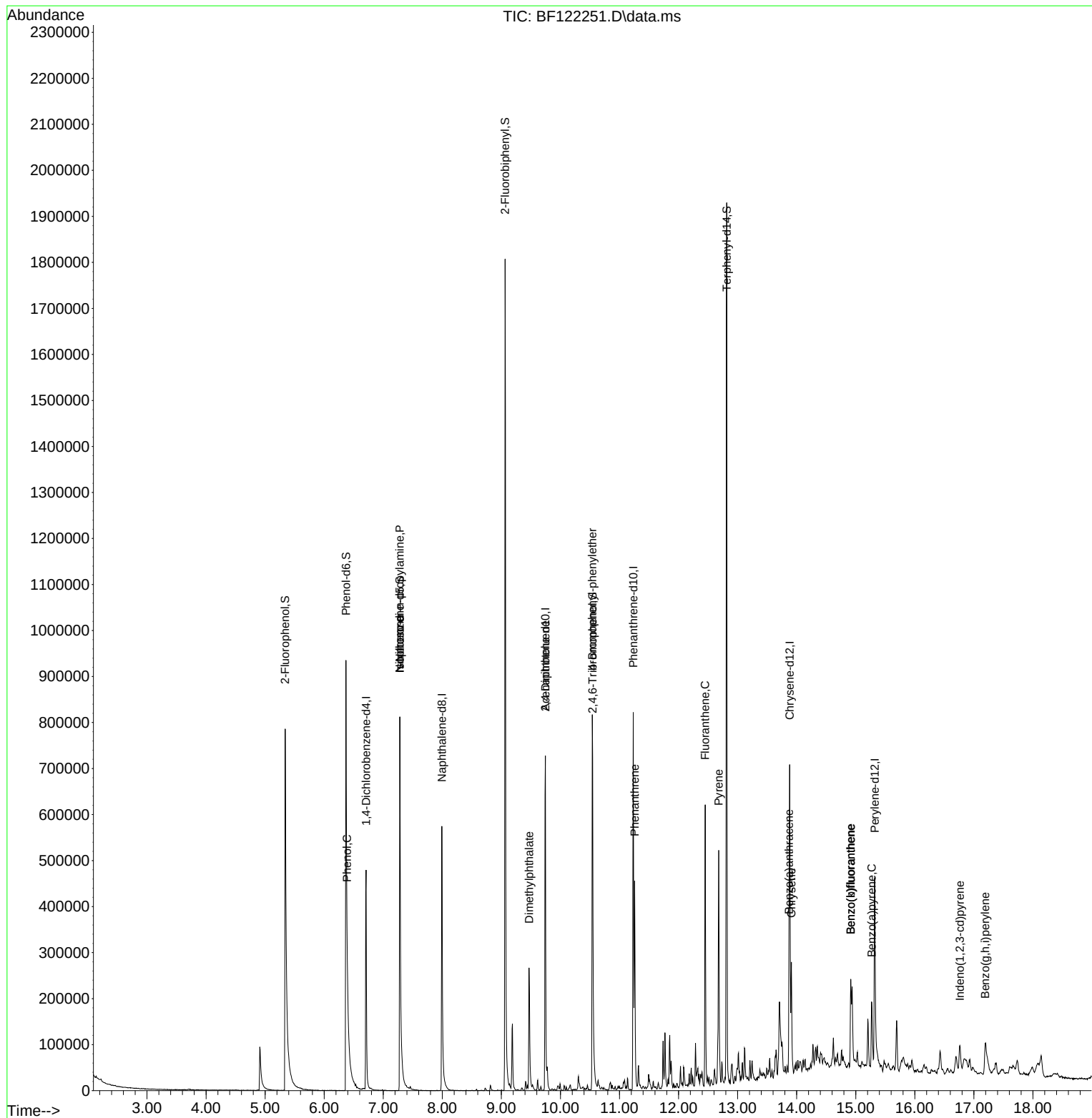
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.710	152	80952	20.00	ng	0.00
21) Naphthalene-d8	7.992	136	322990	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	163424	20.00	ng	0.00
64) Phenanthrene-d10	11.233	188	296892	20.00	ng	0.00
76) Chrysene-d12	13.880	240	205838	20.00	ng	0.00
86) Perylene-d12	15.321	264	203528	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.339	112	392772	71.61	ng	0.00
7) Phenol-d6	6.369	99	536246	75.95	ng	0.00
23) Nitrobenzene-d5	7.281	82	354066	56.22	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	132830	65.71	ng	0.00
45) 2-Fluorobiphenyl	9.063	172	631102	56.82	ng	-0.01
79) Terphenyl-d14	12.815	244	575614	53.29	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.381	77	893	Below Cal	#	3
10) Phenol	6.386	94	27426	3.76	ng	# 72
19) n-Nitroso-di-n-propyla...	7.281	70	46225	11.50	ng	# 80
25) Isophorone	7.281	82	354066	29.73	ng	# 67
50) Dimethylphthalate	9.469	163	136566	11.43	ng	100
57) 2,4-Dinitrotoluene	9.745	165	20904	6.48	ng	# 18
67) 4-Bromophenyl-phenylether	10.539	248	7988	2.33	ng	# 1
71) Phenanthrene	11.257	178	176094	10.82	ng	99
75) Fluoranthene	12.451	202	233751	13.39	ng	97
78) Pyrene	12.680	202	207317	13.22	ng	99
81) Benzo(a)anthracene	13.868	228	80743	5.99	ng	98
83) Chrysene	13.909	228	94923	7.17	ng	98
87) Indeno(1,2,3-cd)pyrene	16.762	276	50540	3.82	ng	# 92
88) Benzo(b)fluoranthene	14.915	252	135468	9.85	ng	97
89) Benzo(k)fluoranthene	14.915	252	134761	10.31	ng	98
90) Benzo(a)pyrene	15.268	252	70636	5.94	ng	99
92) Benzo(g,h,i)perylene	17.192	276	48187	4.43	ng	96

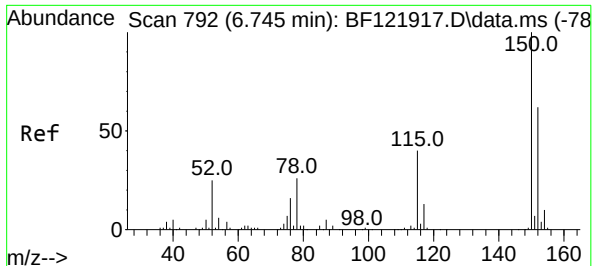
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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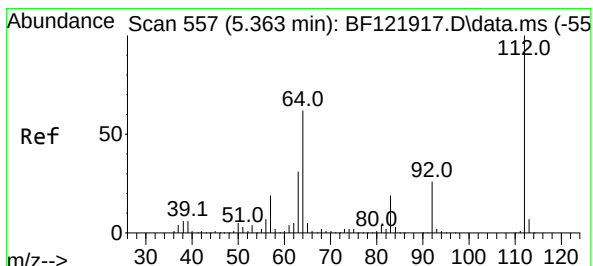
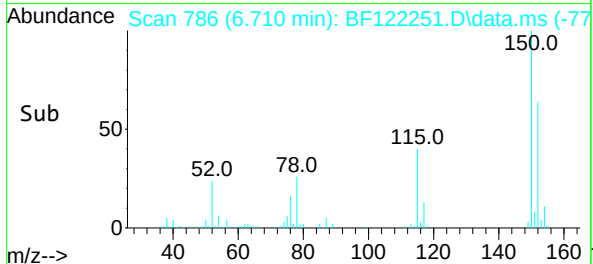
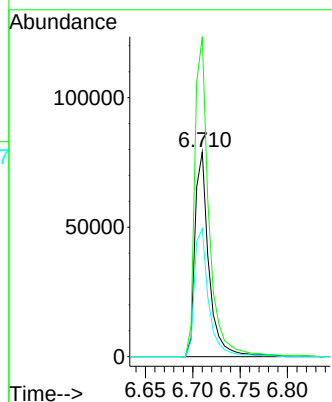
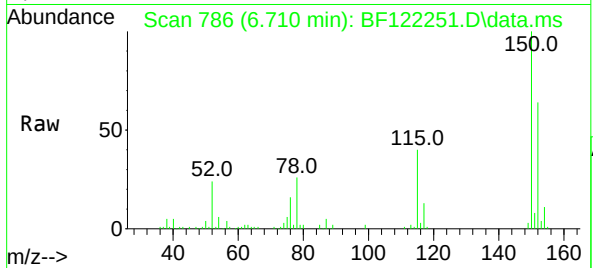




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.710 min Scan# 786
 Delta R.T. -0.006 min
 Lab File: BF122251.D
 Acq: 3 Nov 2020 20:37

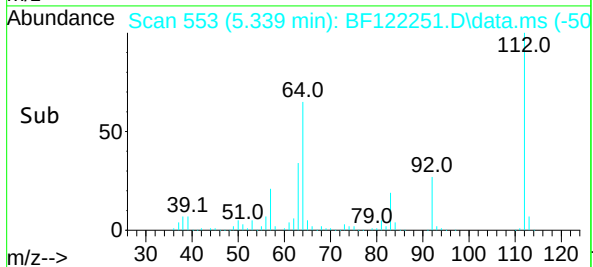
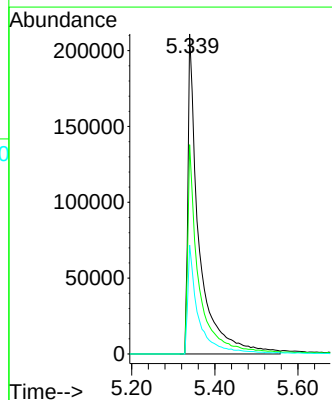
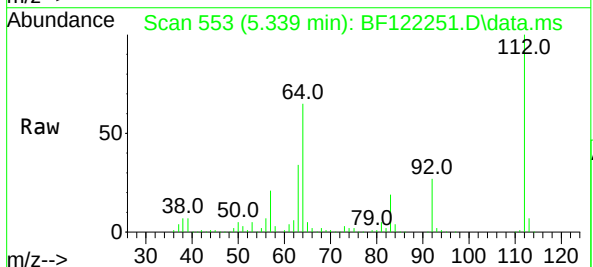
Instrument :
 BNA_F
 ClientSampleId :
 CRT-17

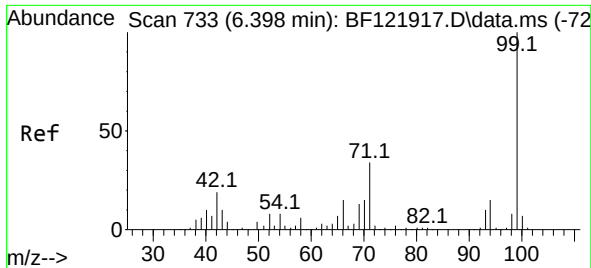
Tgt Ion:152 Resp: 80952
 Ion Ratio Lower Upper
 152 100
 150 156.3 125.3 187.9
 115 62.6 51.9 77.9



#5
 2-Fluorophenol
 Concen: 71.61 ng
 RT: 5.339 min Scan# 553
 Delta R.T. 0.006 min
 Lab File: BF122251.D
 Acq: 3 Nov 2020 20:37

Tgt Ion:112 Resp: 392772
 Ion Ratio Lower Upper
 112 100
 64 65.4 50.4 75.6
 63 34.1 25.8 38.6

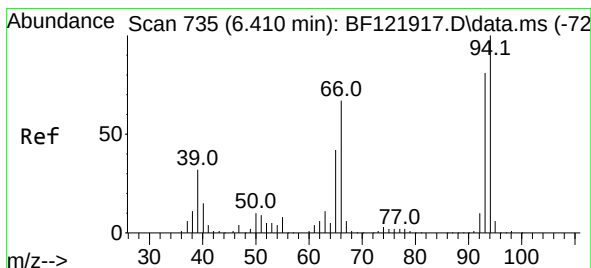
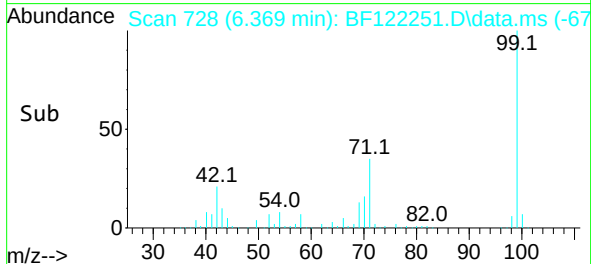
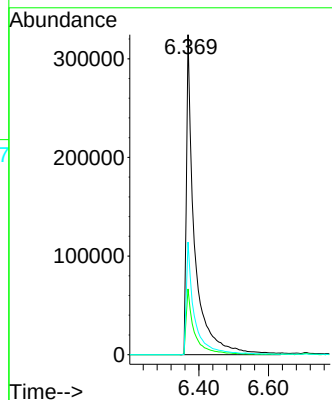
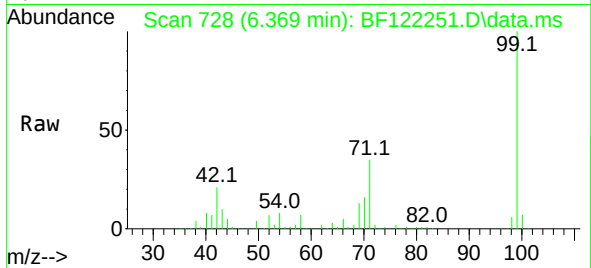




#7
Phenol-d6
Concen: 75.95 ng
RT: 6.369 min Scan# 728
Delta R.T. -0.000 min
Lab File: BF122251.D
Acq: 3 Nov 2020 20:37

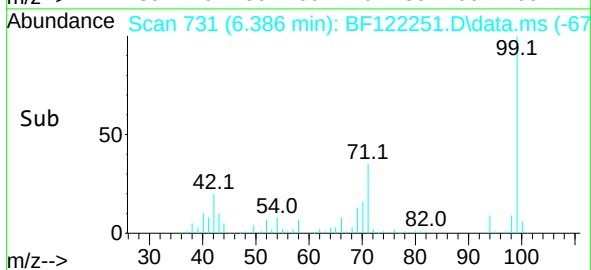
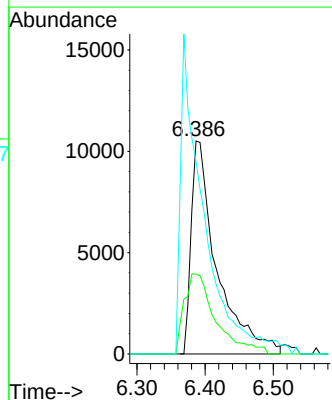
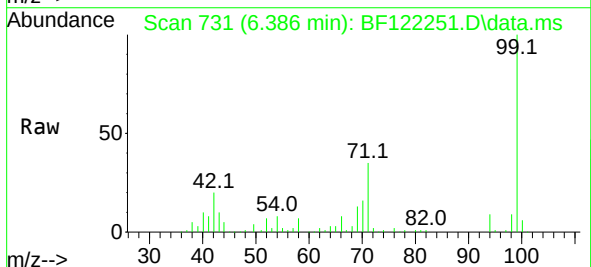
Instrument :
BNA_F
ClientSampleId :
CRT-17

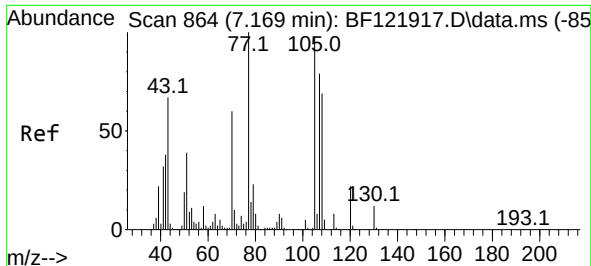
Tgt Ion: 99 Resp: 536246
Ion Ratio Lower Upper
99 100
42 20.5 15.9 23.9
71 35.2 27.1 40.7



#10
Phenol
Concen: 3.76 ng
RT: 6.386 min Scan# 731
Delta R.T. 0.005 min
Lab File: BF122251.D
Acq: 3 Nov 2020 20:37

Tgt Ion: 94 Resp: 27426
Ion Ratio Lower Upper
94 100
65 37.4 17.1 57.1
66 90.2 36.0 76.0#

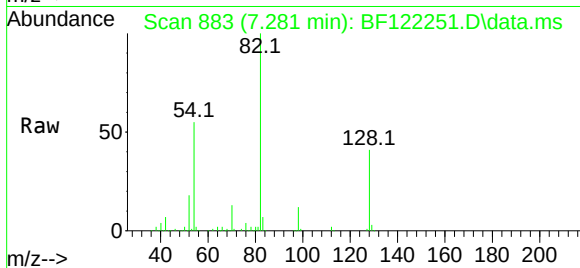




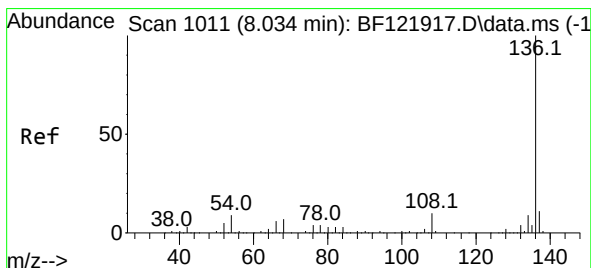
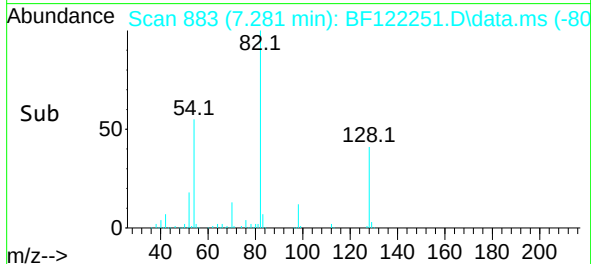
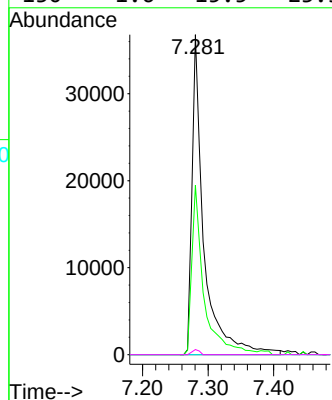
#19

n-Nitroso-di-n-propylamine
Concen: 11.50 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.141 min
Lab File: BF122251.D
Acq: 3 Nov 2020 20:37

Instrument :
BNA_F
ClientSampled :
CRT-17



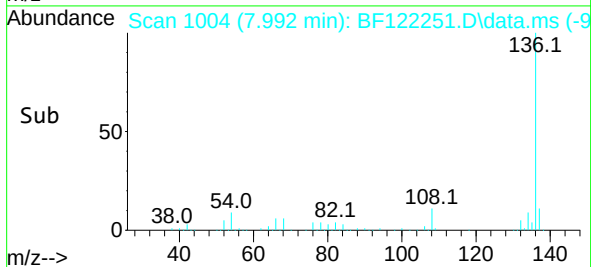
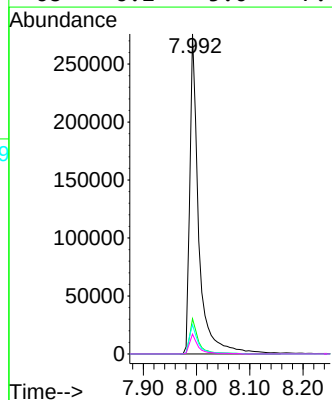
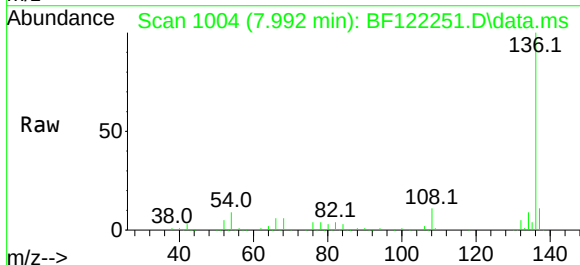
Tgt Ion: 70 Resp: 46225
Ion Ratio Lower Upper
70 100
42 52.9 50.2 75.4
101 0.0 7.5 11.3#
130 1.6 15.5 23.3#

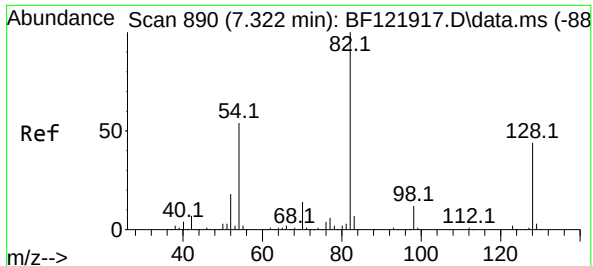


#21

Naphthalene-d8
Concen: 20.00 ng
RT: 7.992 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF122251.D
Acq: 3 Nov 2020 20:37

Tgt Ion: 136 Resp: 322990
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.1 7.1 10.7
68 6.2 5.0 7.4





#23

Nitrobenzene-d5

Concen: 56.22 ng

RT: 7.281 min Scan# 883

Delta R.T. -0.006 min

Lab File: BF122251.D

Acq: 3 Nov 2020 20:37

Tgt Ion: 82 Resp: 354066

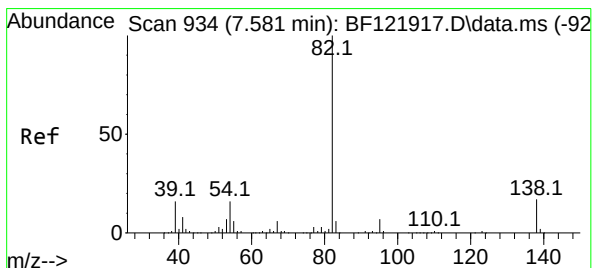
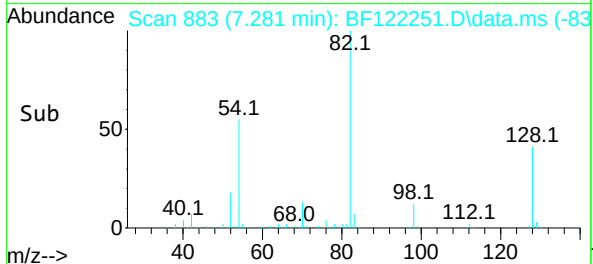
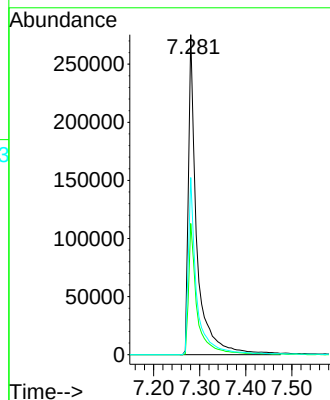
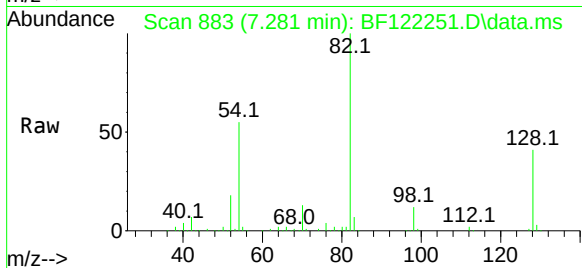
Ion	Ratio	Lower	Upper
82	100		
128	41.0	35.0	52.4
54	55.3	43.9	65.9

Instrument :

BNA_F

ClientSampleId :

CRT-17



#25

Isophorone

Concen: 29.73 ng

RT: 7.281 min Scan# 883

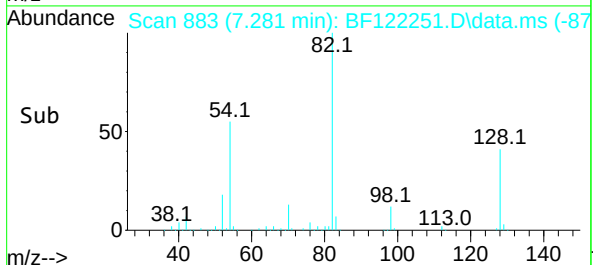
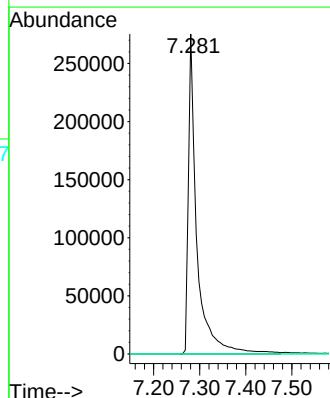
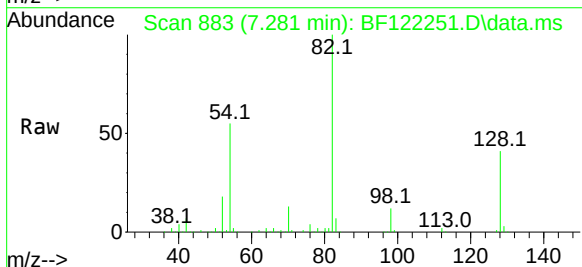
Delta R.T. -0.265 min

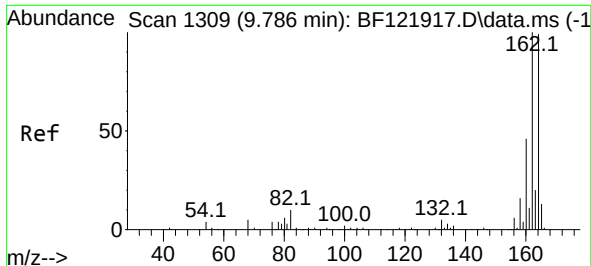
Lab File: BF122251.D

Acq: 3 Nov 2020 20:37

Tgt Ion: 82 Resp: 354066

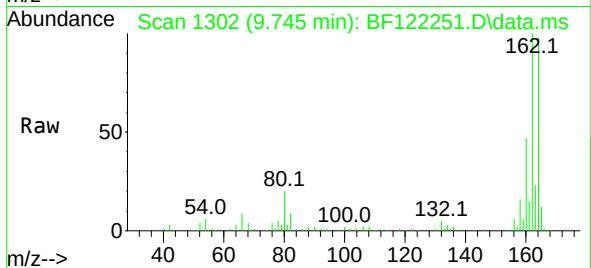
Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.0#
138	0.0	13.4	20.0#



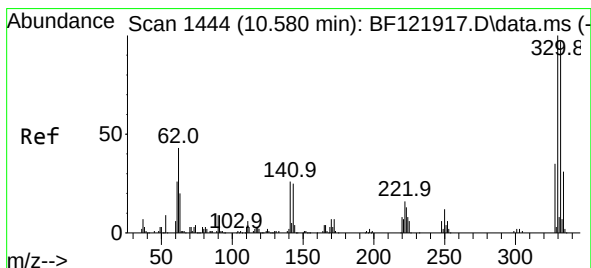
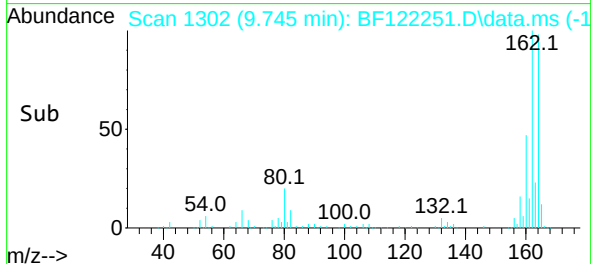
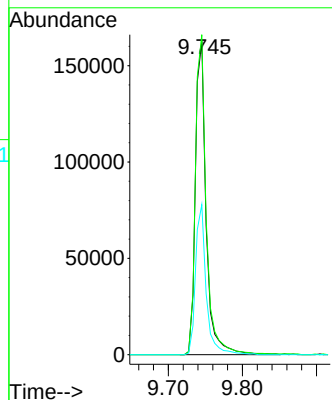


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF122251.D
Acq: 3 Nov 2020 20:37

Instrument :
BNA_F
ClientSampleId :
CRT-17

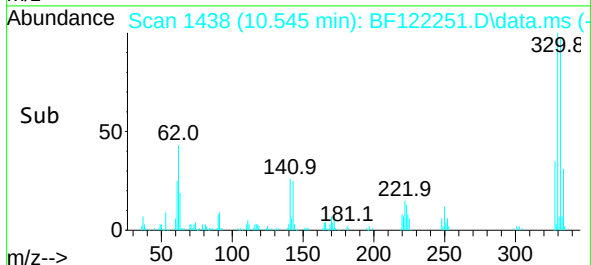
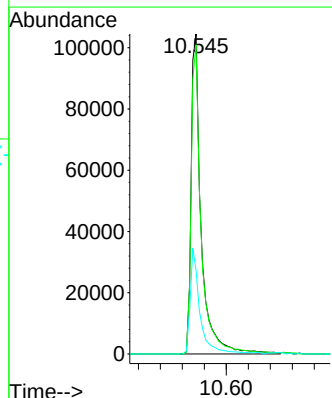
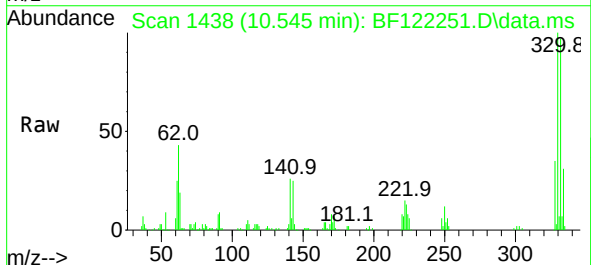


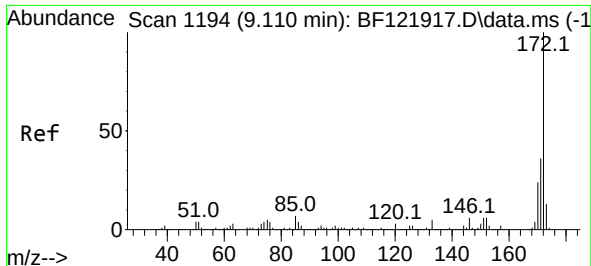
Tgt Ion:164 Resp: 163424
Ion Ratio Lower Upper
164 100
162 102.2 83.2 124.8
160 47.9 37.5 56.3



#42
2,4,6-Tribromophenol
Concen: 65.71 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.000 min
Lab File: BF122251.D
Acq: 3 Nov 2020 20:37

Tgt Ion:330 Resp: 132830
Ion Ratio Lower Upper
330 100
332 96.3 77.3 115.9
141 31.7 22.3 33.5

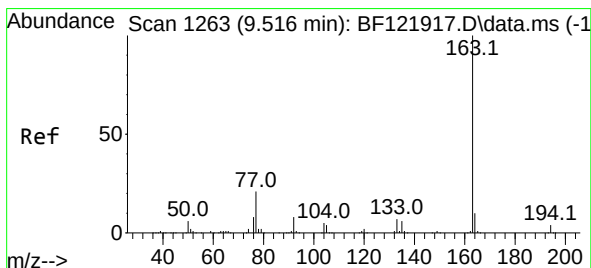
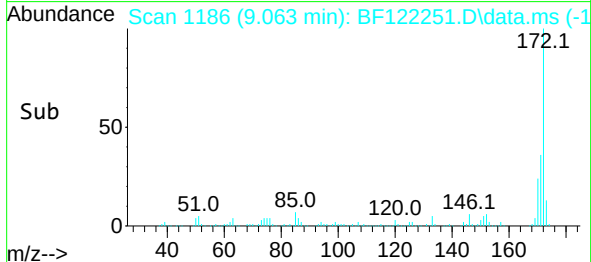
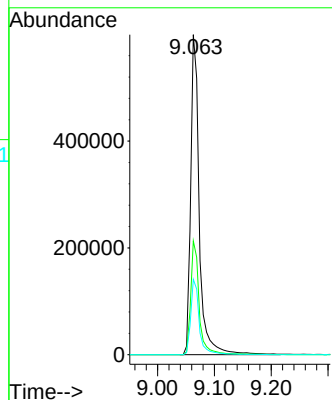
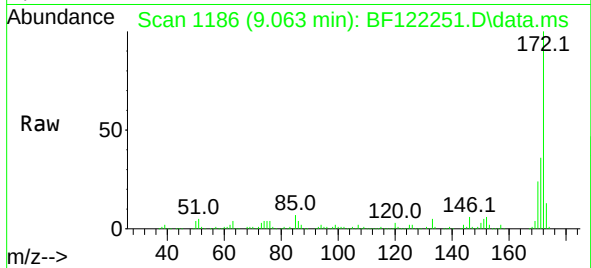




#45
2-Fluorobiphenyl
Concen: 56.82 ng
RT: 9.063 min Scan# 1186
Delta R.T. -0.012 min
Lab File: BF122251.D
Acq: 3 Nov 2020 20:37

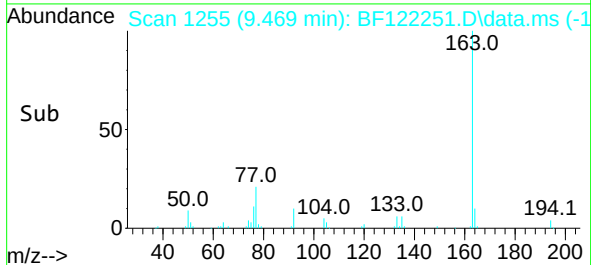
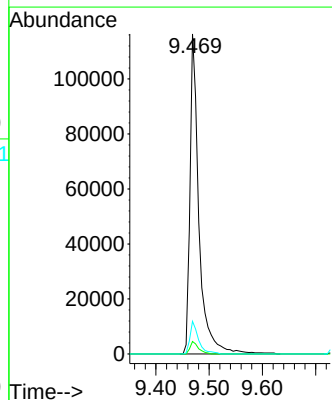
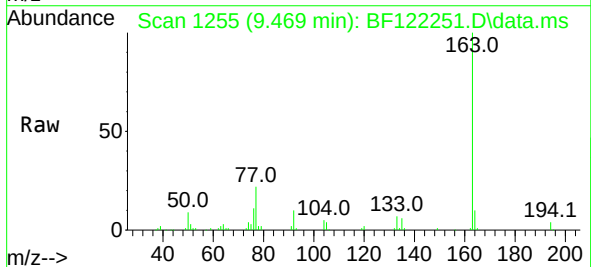
Instrument :
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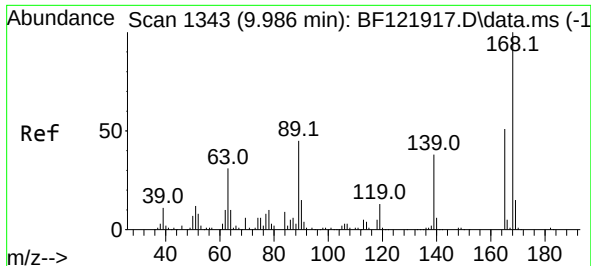
Tgt Ion:172 Resp: 631102
Ion Ratio Lower Upper
172 100
171 35.5 29.1 43.7
170 23.5 19.8 29.6



#50
Dimethylphthalate
Concen: 11.43 ng
RT: 9.469 min Scan# 1255
Delta R.T. -0.012 min
Lab File: BF122251.D
Acq: 3 Nov 2020 20:37

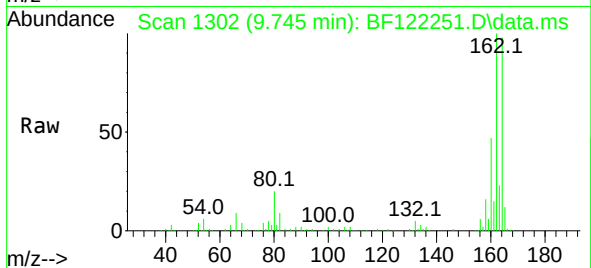
Tgt Ion:163 Resp: 136566
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.2 8.2 12.4



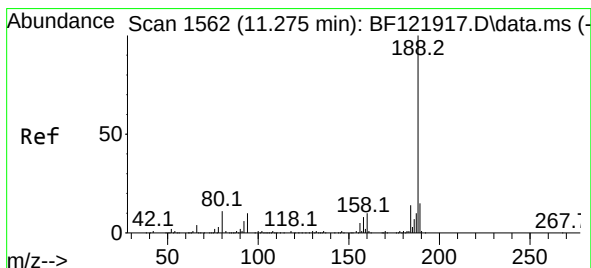
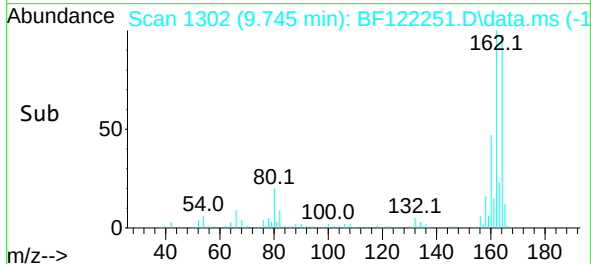
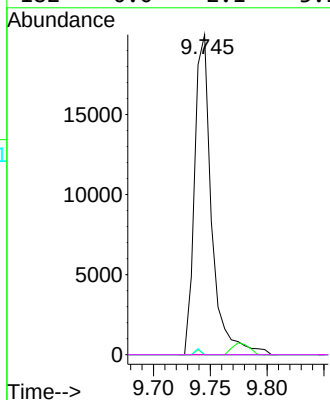


#57
2,4-Dinitrotoluene
Concen: 6.48 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.218 min
Lab File: BF122251.D
Acq: 3 Nov 2020 20:37

Instrument :
BNA_F
ClientSampled :
CRT-17

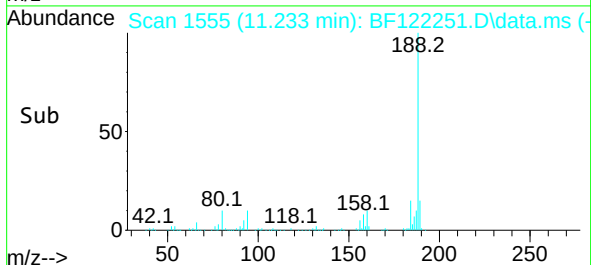
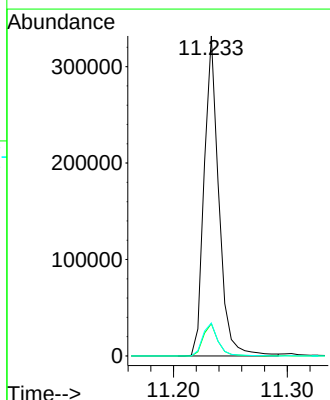
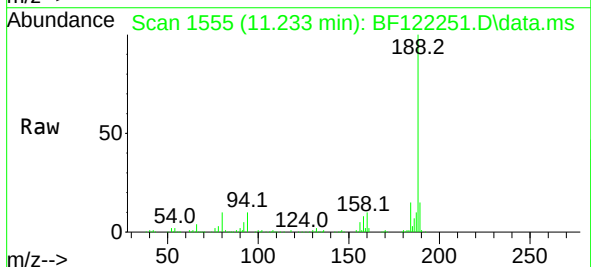


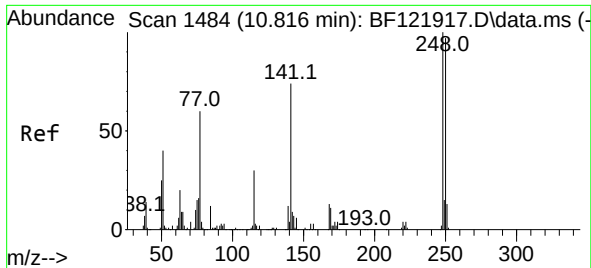
Tgt Ion:165 Resp: 20904
Ion Ratio Lower Upper
165 100
63 0.0 41.3 61.9#
89 0.0 61.8 92.8#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.233 min Scan# 1555
Delta R.T. -0.000 min
Lab File: BF122251.D
Acq: 3 Nov 2020 20:37

Tgt Ion:188 Resp: 296892
Ion Ratio Lower Upper
188 100
94 10.1 8.3 12.5
80 10.3 9.1 13.7

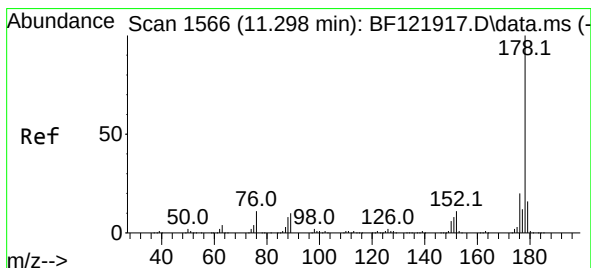
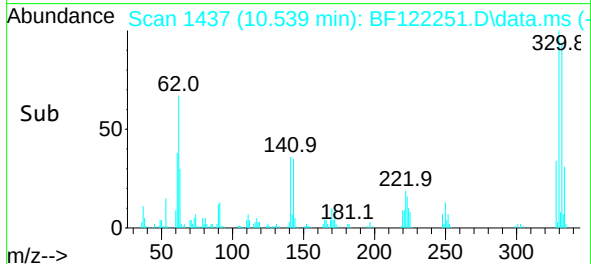
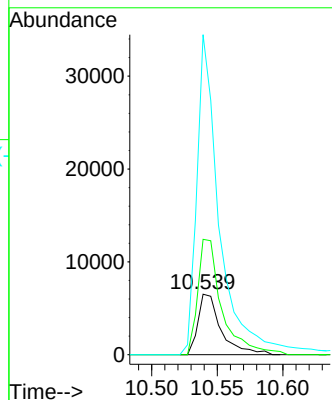
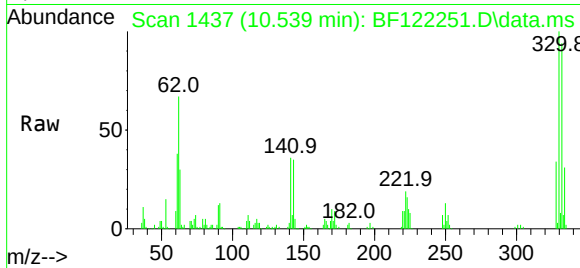




#67
4-Bromophenyl-phenylether
Concen: 2.33 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.235 min
Lab File: BF122251.D
Acq: 3 Nov 2020 20:37

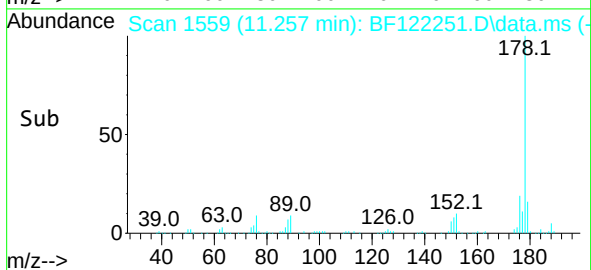
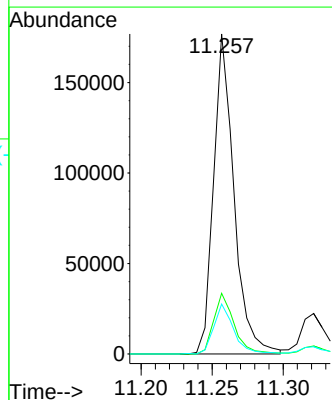
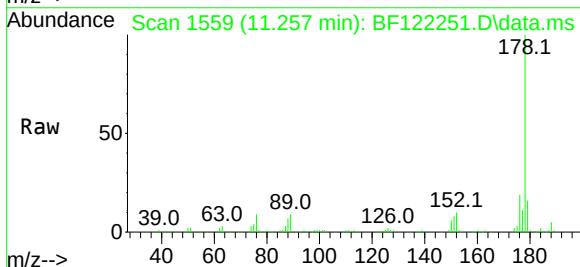
Instrument :
BNA_F
ClientSampled :
CRT-17

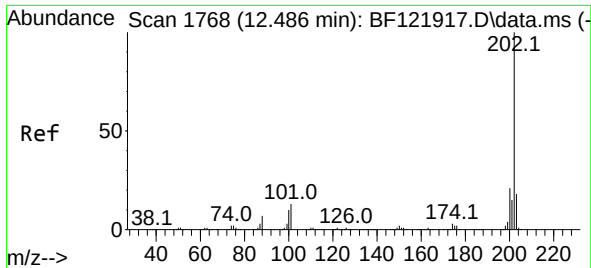
Tgt Ion:248 Resp: 7988
Ion Ratio Lower Upper
248 100
250 190.9 77.0 115.6#
141 529.4 53.7 80.5#



#71
Phenanthrene
Concen: 10.82 ng
RT: 11.257 min Scan# 1559
Delta R.T. -0.006 min
Lab File: BF122251.D
Acq: 3 Nov 2020 20:37

Tgt Ion:178 Resp: 176094
Ion Ratio Lower Upper
178 100
176 18.9 15.9 23.9
179 15.6 12.2 18.4

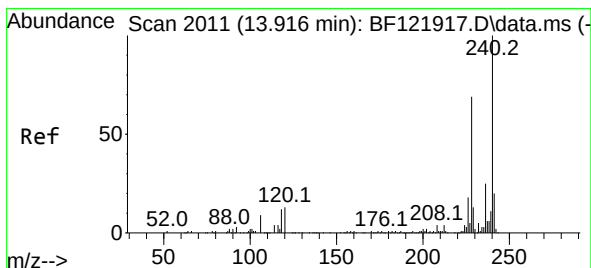
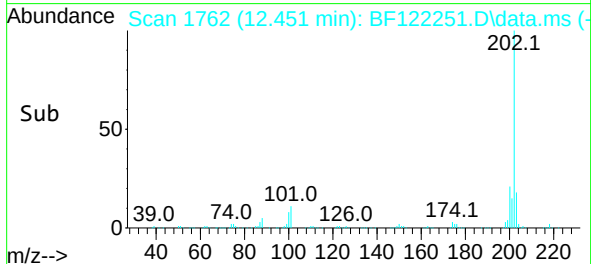
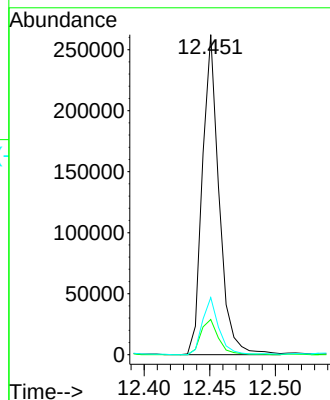
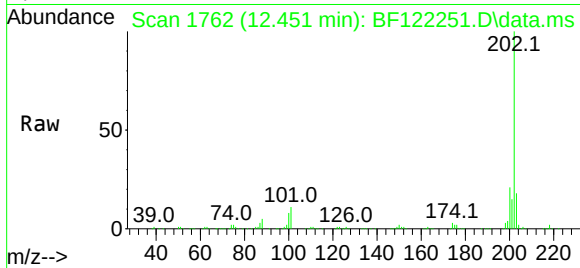




#75
Fluoranthene
Concen: 13.39 ng
RT: 12.451 min Scan# 1762
Delta R.T. -0.000 min
Lab File: BF122251.D
Acq: 3 Nov 2020 20:37

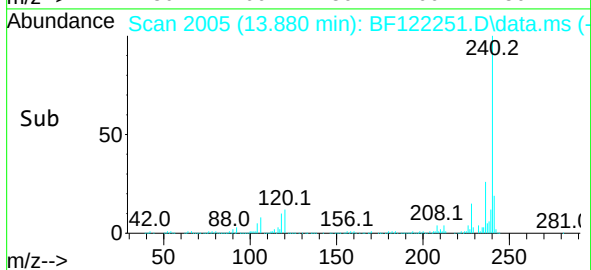
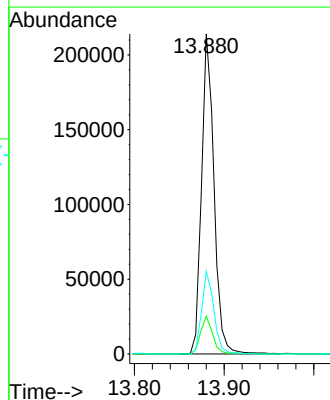
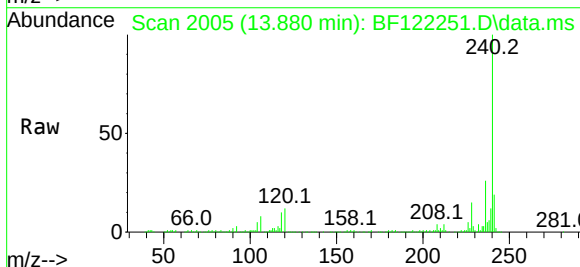
Instrument :
BNA_F
ClientSampleId :
CRT-17

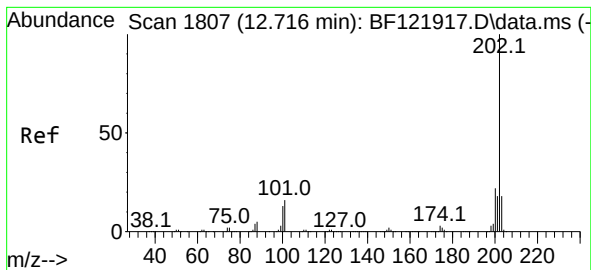
Tgt Ion:202 Resp: 233751
Ion Ratio Lower Upper
202 100
101 11.0 0.0 33.4
203 17.8 0.0 37.9



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BF122251.D
Acq: 3 Nov 2020 20:37

Tgt Ion:240 Resp: 205838
Ion Ratio Lower Upper
240 100
120 11.8 9.2 13.8
236 25.8 20.9 31.3





#78

Pyrene

Concen: 13.22 ng

RT: 12.680 min Scan# 1801

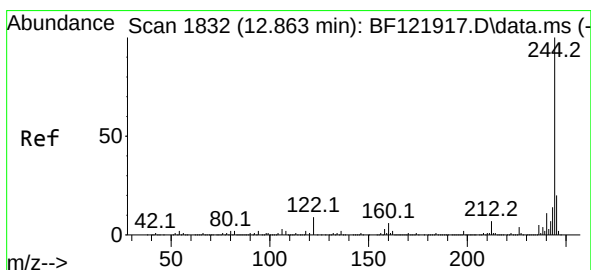
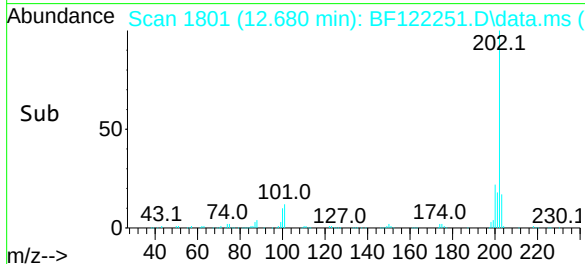
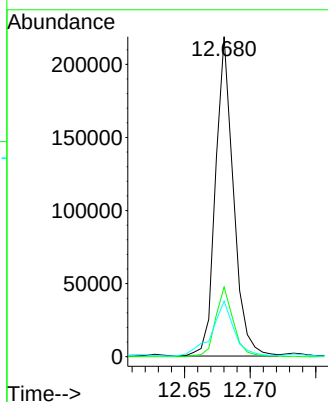
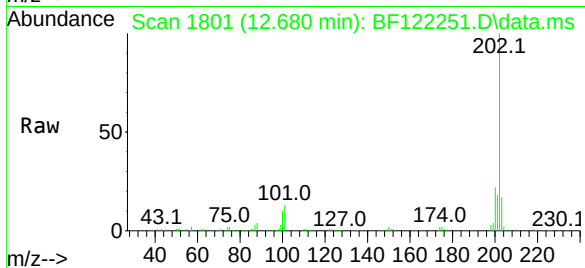
Delta R.T. -0.000 min

Lab File: BF122251.D

Acq: 3 Nov 2020 20:37

Tgt Ion:202 Resp: 207317

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.4	26.2
203	17.4	14.6	21.8



#79

Terphenyl-d14

Concen: 53.29 ng

RT: 12.815 min Scan# 1824

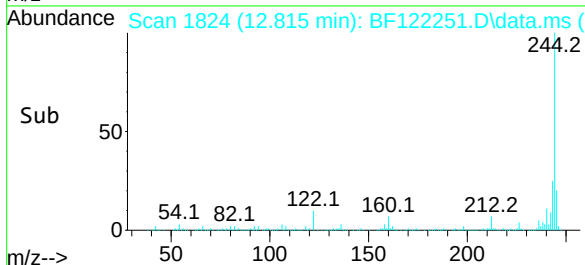
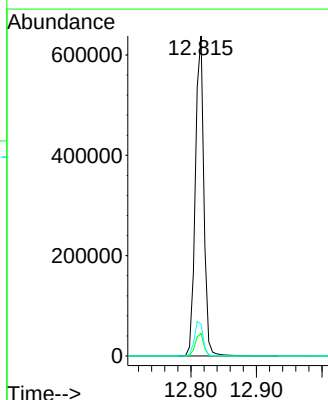
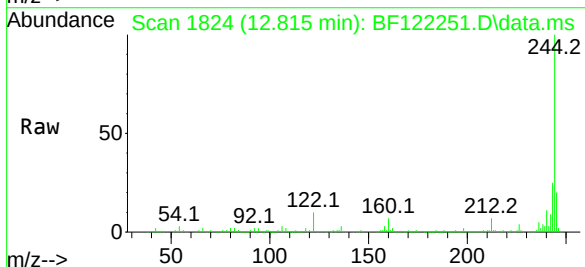
Delta R.T. -0.000 min

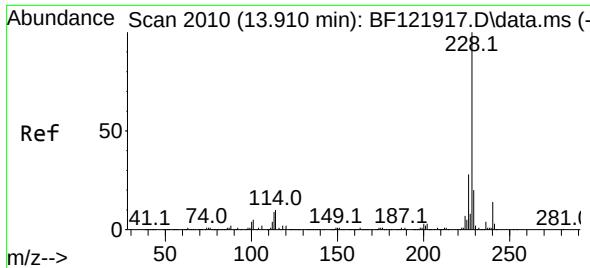
Lab File: BF122251.D

Acq: 3 Nov 2020 20:37

Tgt Ion:244 Resp: 575614

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.2
122	10.0	8.1	12.1

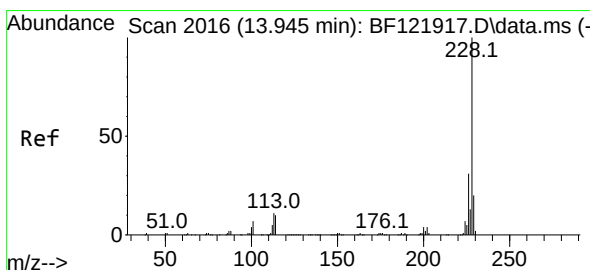
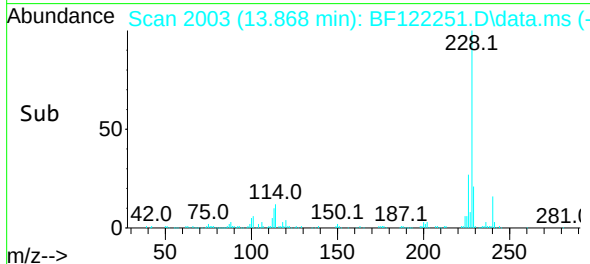
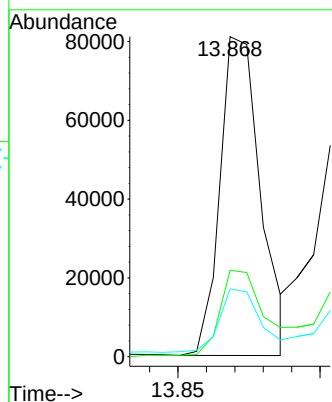
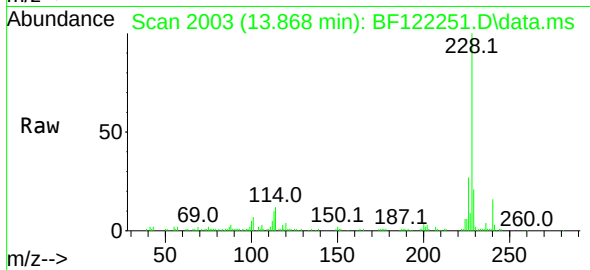




#81
Benzo(a)anthracene
Concen: 5.99 ng
RT: 13.868 min Scan# 2003
Delta R.T. -0.000 min
Lab File: BF122251.D
Acq: 3 Nov 2020 20:37

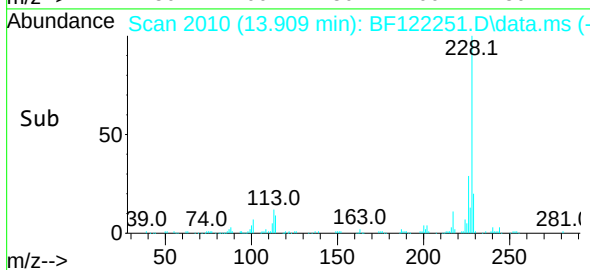
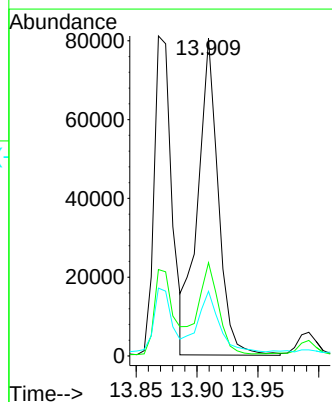
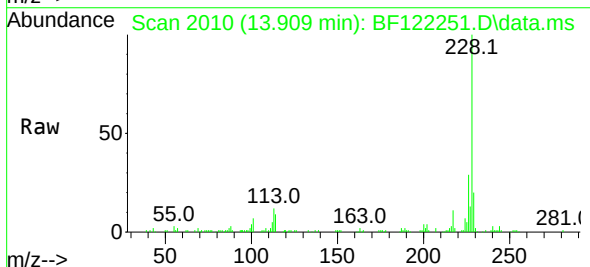
Instrument :
BNA_F
ClientSampled :
CRT-17

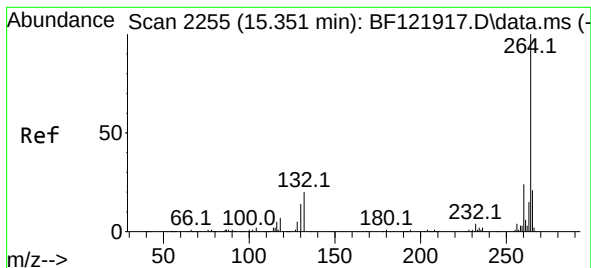
Tgt Ion:228 Resp: 80743
Ion Ratio Lower Upper
228 100
226 27.0 22.3 33.5
229 21.2 16.2 24.4



#83
Chrysene
Concen: 7.17 ng
RT: 13.909 min Scan# 2010
Delta R.T. 0.006 min
Lab File: BF122251.D
Acq: 3 Nov 2020 20:37

Tgt Ion:228 Resp: 94923
Ion Ratio Lower Upper
228 100
226 29.4 24.6 37.0
229 20.3 15.9 23.9

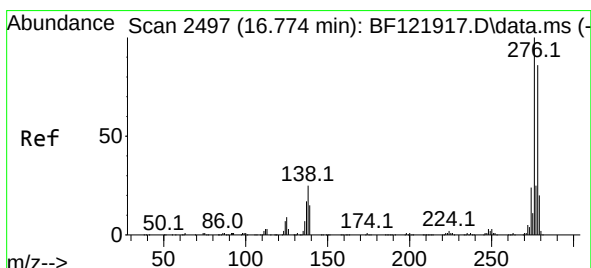
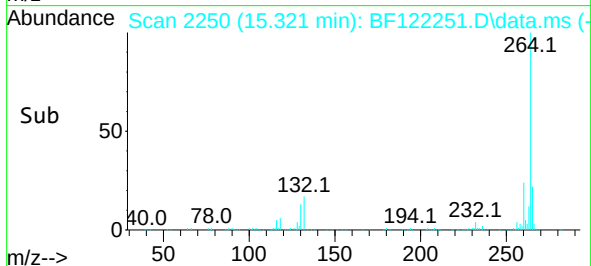
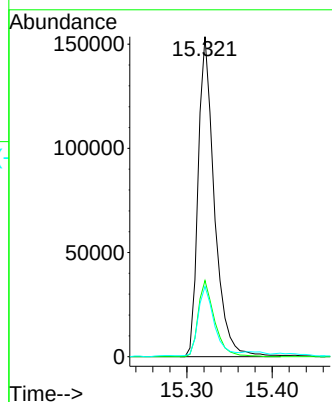
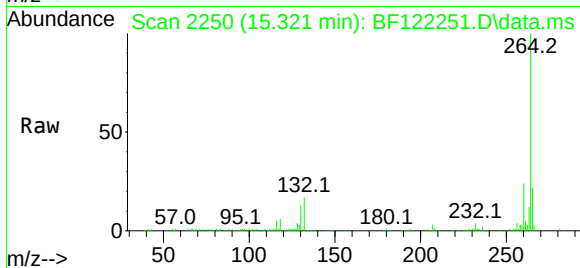




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.321 min Scan# 2250
Delta R.T. 0.017 min
Lab File: BF122251.D
Acq: 3 Nov 2020 20:37

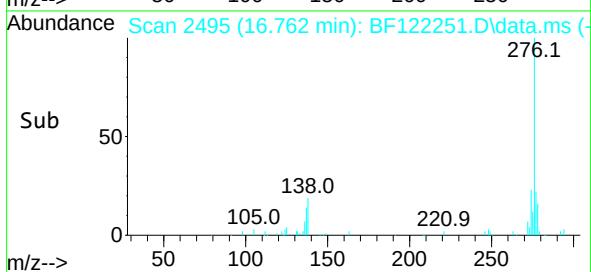
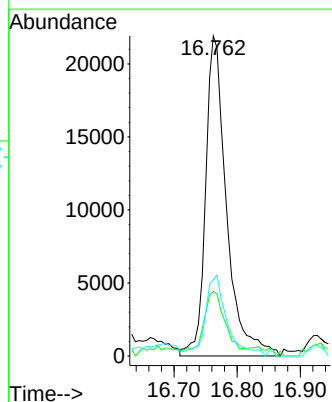
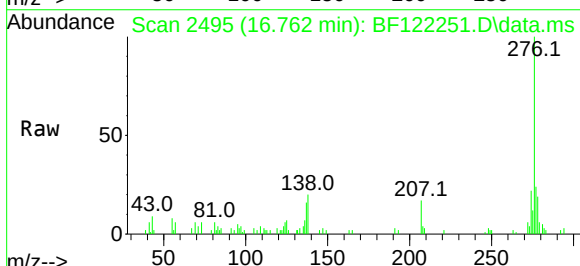
Instrument :
BNA_F
ClientSampleId :
CRT-17

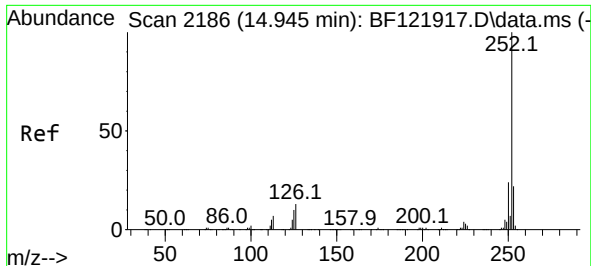
Tgt Ion:264 Resp: 203528
Ion Ratio Lower Upper
264 100
260 23.8 18.7 28.1
265 21.9 17.3 25.9



#87
Indeno(1,2,3-cd)pyrene
Concen: 3.82 ng
RT: 16.762 min Scan# 2495
Delta R.T. 0.047 min
Lab File: BF122251.D
Acq: 3 Nov 2020 20:37

Tgt Ion:276 Resp: 50540
Ion Ratio Lower Upper
276 100
138 17.6 19.9 29.9#
277 26.0 20.4 30.6

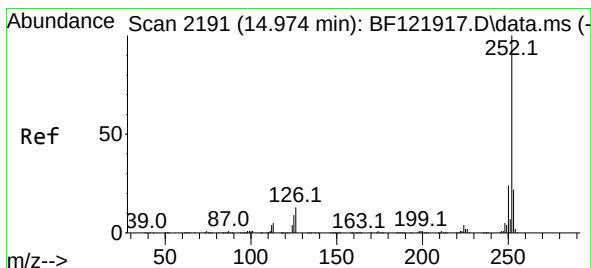
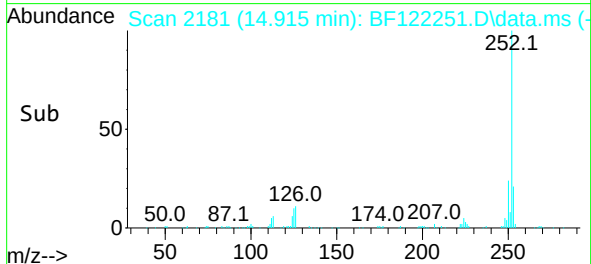
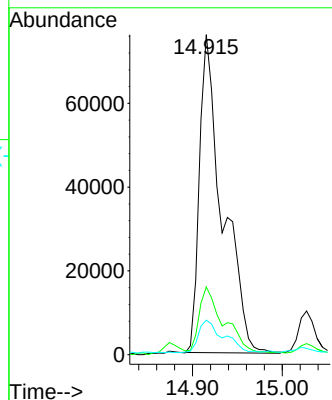
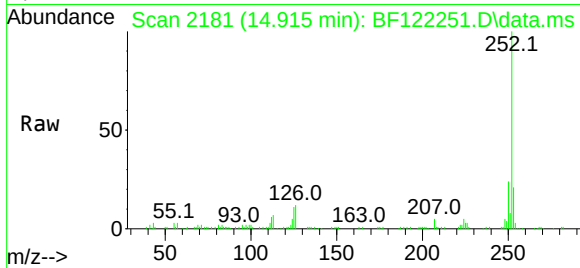




#88
Benzo(b)fluoranthene
Concen: 9.85 ng
RT: 14.915 min Scan# 2181
Delta R.T. 0.017 min
Lab File: BF122251.D
Acq: 3 Nov 2020 20:37

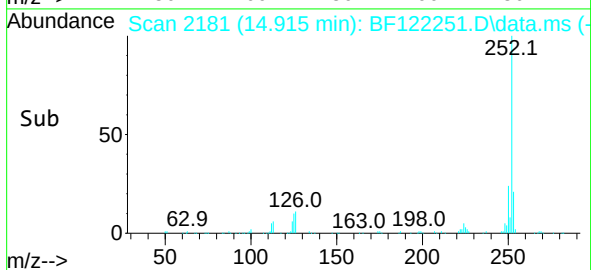
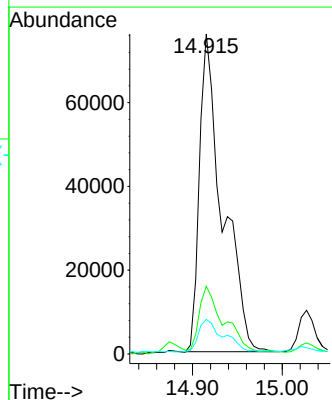
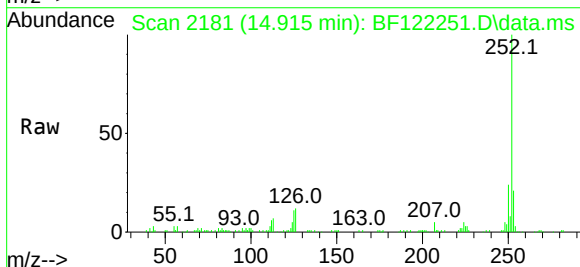
Instrument :
BNA_F
ClientSampleId :
CRT-17

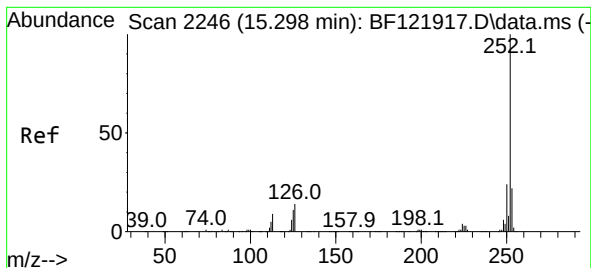
Tgt Ion:252 Resp: 135468
Ion Ratio Lower Upper
252 100
253 21.2 18.2 27.2
125 10.8 8.0 12.0



#89
Benzo(k)fluoranthene
Concen: 10.31 ng
RT: 14.915 min Scan# 2181
Delta R.T. -0.012 min
Lab File: BF122251.D
Acq: 3 Nov 2020 20:37

Tgt Ion:252 Resp: 134761
Ion Ratio Lower Upper
252 100
253 21.2 17.8 26.6
125 10.8 7.7 11.5

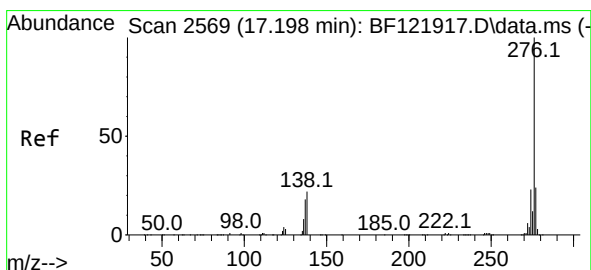
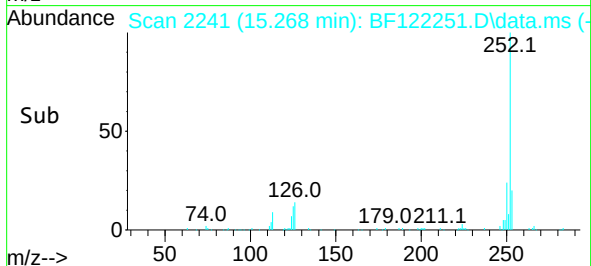
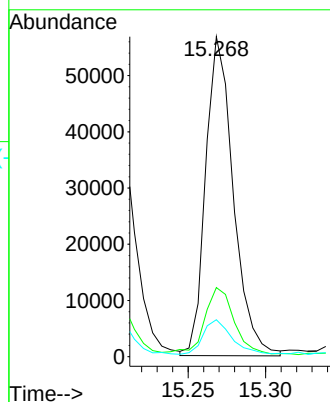
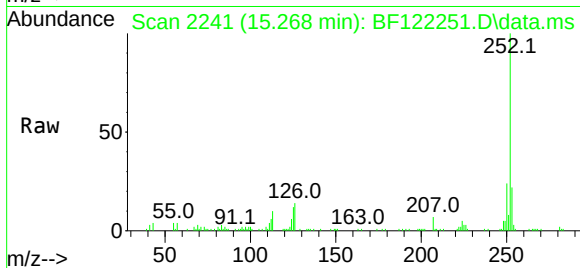




#90
Benzo(a)pyrene
Concen: 5.94 ng
RT: 15.268 min Scan# 2241
Delta R.T. 0.017 min
Lab File: BF122251.D
Acq: 3 Nov 2020 20:37

Instrument :
BNA_F
ClientSampleId :
CRT-17

Tgt Ion:252 Resp: 70636
Ion Ratio Lower Upper
252 100
253 21.6 17.3 25.9
125 11.6 8.6 13.0



#92
Benzo(g,h,i)perylene
Concen: 4.43 ng
RT: 17.192 min Scan# 2568
Delta R.T. 0.059 min
Lab File: BF122251.D
Acq: 3 Nov 2020 20:37

Tgt Ion:276 Resp: 48187
Ion Ratio Lower Upper
276 100
277 27.4 19.4 29.2
138 21.4 17.8 26.6

