

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110220\
 Data File : BF122235.D
 Acq On : 2 Nov 2020 19:59
 Operator : JU/CG
 Sample : L4521-05DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-1DL

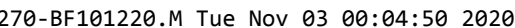
Quant Time: Nov 03 00:04:47 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 30 10:16:54 2020
 Response via : Initial Calibration

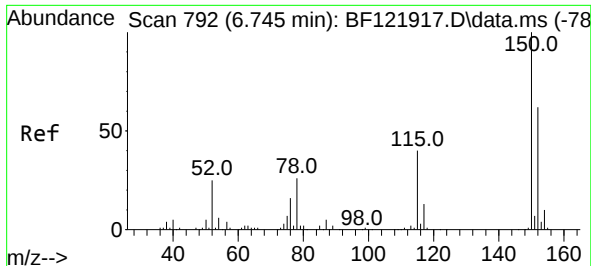
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.704	152	75330	20.00	ng	-0.01
21) Naphthalene-d8	7.992	136	307785	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	156548	20.00	ng	0.00
64) Phenanthrene-d10	11.233	188	275488	20.00	ng	0.00
76) Chrysene-d12	13.880	240	199309	20.00	ng	0.00
86) Perylene-d12	15.321	264	192797	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	93061	18.23	ng	0.02
7) Phenol-d6	6.387	99	124382	18.93	ng	0.02
23) Nitrobenzene-d5	7.292	82	75674	12.61	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	30240	15.62	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	144302	13.56	ng	0.00
79) Terphenyl-d14	12.816	244	115536	11.05	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.292	70	9963	2.66	ng	# 86
25) Isophorone	7.292	82	75674	6.67	ng	# 67
50) Dimethylphthalate	9.475	163	27717	2.42	ng	99
51) 2,6-Dinitrotoluene	9.745	165	20120	8.01	ng	# 21
57) 2,4-Dinitrotoluene	9.745	165	20120	6.51	ng	# 21
71) Phenanthrene	11.257	178	213562	14.14	ng	98
72) Anthracene	11.316	178	32403	2.07	ng	98
75) Fluoranthene	12.451	202	409305	25.27	ng	97
78) Pyrene	12.680	202	352181	23.19	ng	98
81) Benzo(a)anthracene	13.868	228	131646	10.08	ng	98
83) Chrysene	13.910	228	174535	13.61	ng	99
87) Indeno(1,2,3-cd)pyrene	16.751	276	75030	5.99	ng	93
88) Benzo(b)fluoranthene	14.910	252	250913	19.25	ng	99
89) Benzo(k)fluoranthene	14.910	252	250913	20.27	ng	99
90) Benzo(a)pyrene	15.263	252	108609	9.65	ng	99
92) Benzo(g,h,i)perylene	17.174	276	70125	6.80	ng	97

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

Quant Time: Nov 03 00:04:47 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

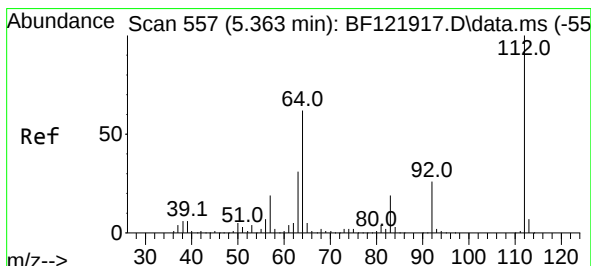
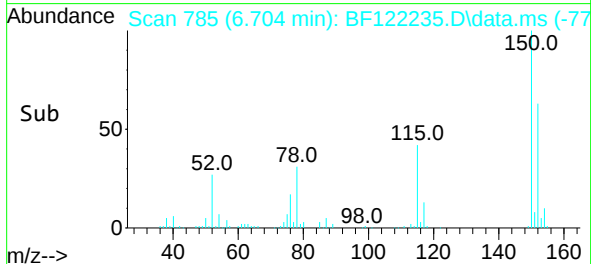
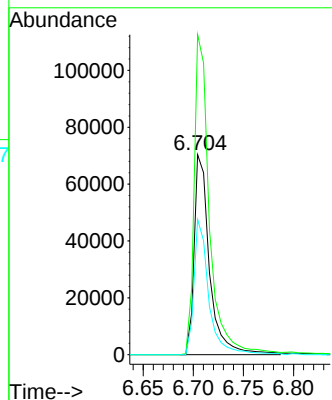
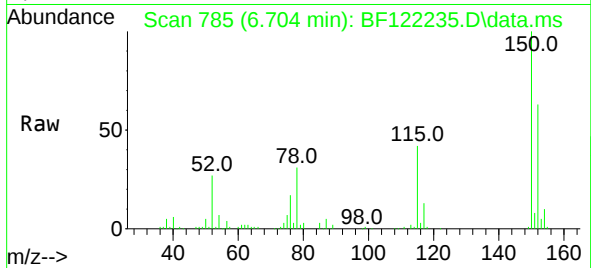




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.704 min Scan# 785
Delta R.T. -0.012 min
Lab File: BF122235.D
Acq: 2 Nov 2020 19:59

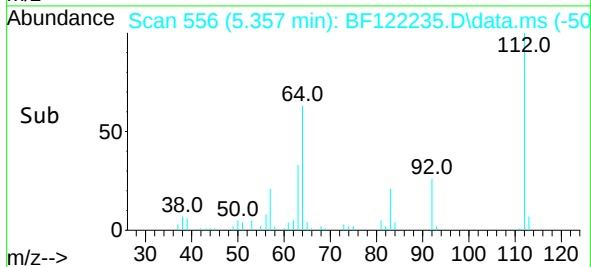
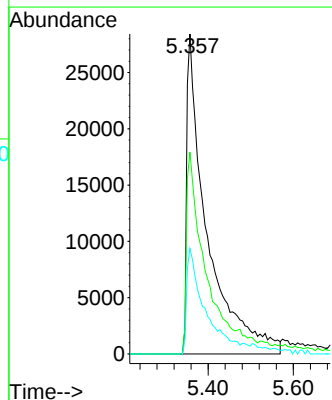
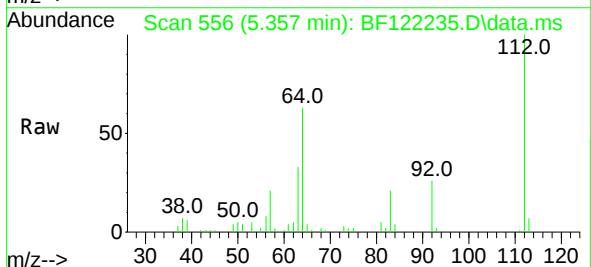
Instrument :
BNA_F
ClientSampleId :
S-1DL

Tgt Ion:152 Resp: 75330
Ion Ratio Lower Upper
152 100
150 159.9 125.3 187.9
115 67.6 51.9 77.9



#5
2-Fluorophenol
Concen: 18.23 ng
RT: 5.357 min Scan# 556
Delta R.T. 0.024 min
Lab File: BF122235.D
Acq: 2 Nov 2020 19:59

Tgt Ion:112 Resp: 93061
Ion Ratio Lower Upper
112 100
64 63.0 50.4 75.6
63 32.9 25.8 38.6

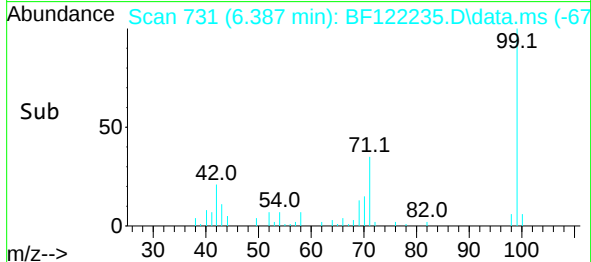
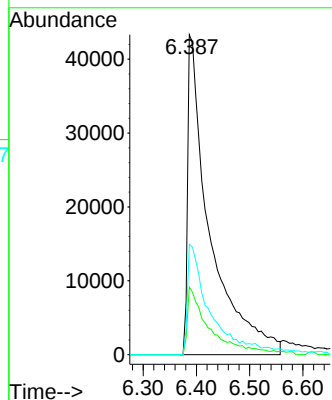
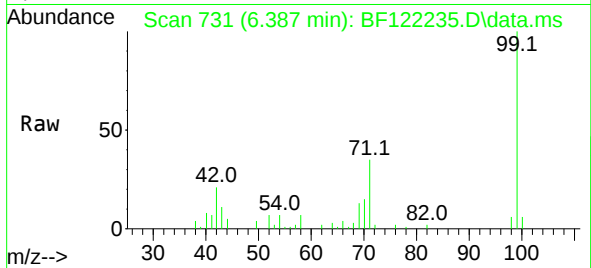




#7
Phenol-d6
Concen: 18.93 ng
RT: 6.387 min Scan# 731
Delta R.T. 0.018 min
Lab File: BF122235.D
Acq: 2 Nov 2020 19:59

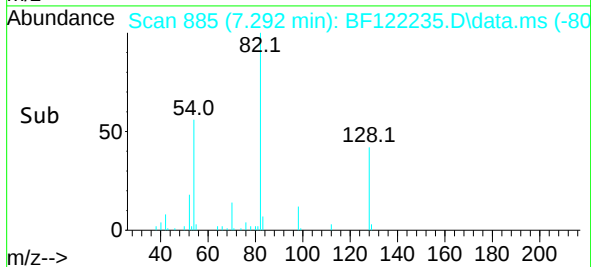
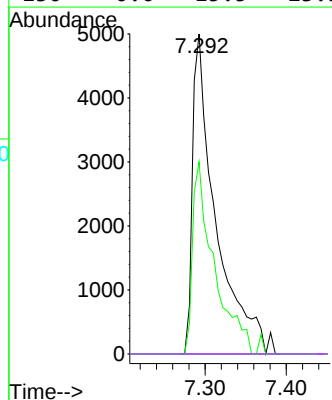
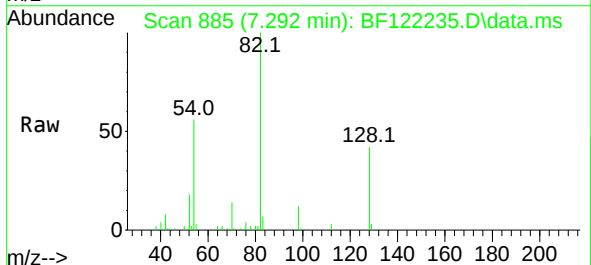
Instrument :
BNA_F
ClientSampleId :
S-1DL

Tgt Ion: 99 Resp: 124382
Ion Ratio Lower Upper
99 100
42 21.2 15.9 23.9
71 34.5 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 2.66 ng
RT: 7.292 min Scan# 885
Delta R.T. 0.153 min
Lab File: BF122235.D
Acq: 2 Nov 2020 19:59

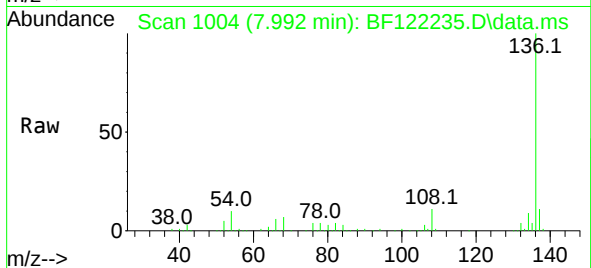
Tgt Ion: 70 Resp: 9963
Ion Ratio Lower Upper
70 100
42 60.0 50.2 75.4
101 0.0 7.5 11.3#
130 0.0 15.5 23.3#



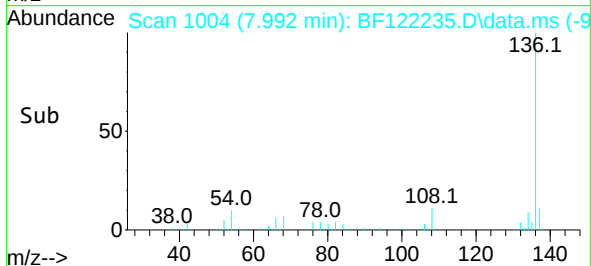
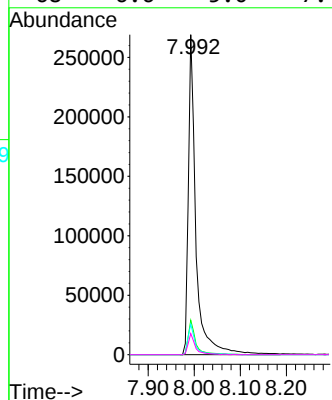


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.992 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF122235.D
Acq: 2 Nov 2020 19:59

Instrument :
BNA_F
ClientSampleId :
S-1DL

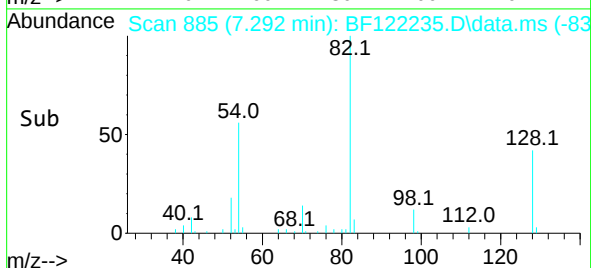
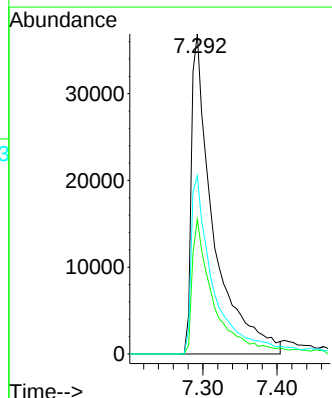
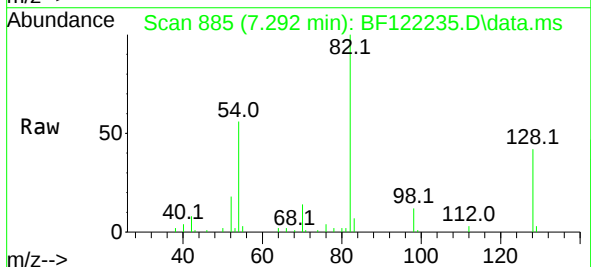


Tgt Ion:136 Resp: 307785
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 9.6 7.1 10.7
68 6.6 5.0 7.4



#23
Nitrobenzene-d5
Concen: 12.61 ng
RT: 7.292 min Scan# 885
Delta R.T. 0.006 min
Lab File: BF122235.D
Acq: 2 Nov 2020 19:59

Tgt Ion: 82 Resp: 75674
Ion Ratio Lower Upper
82 100
128 42.1 35.0 52.4
54 55.7 43.9 65.9

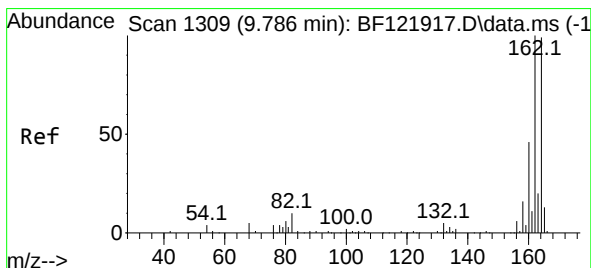
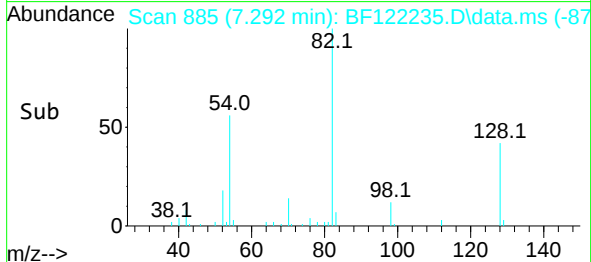
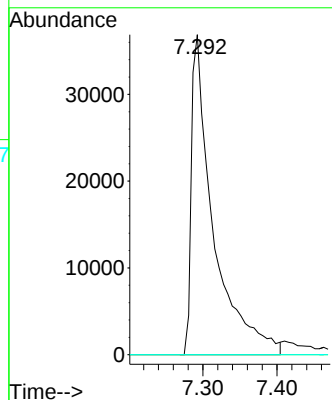
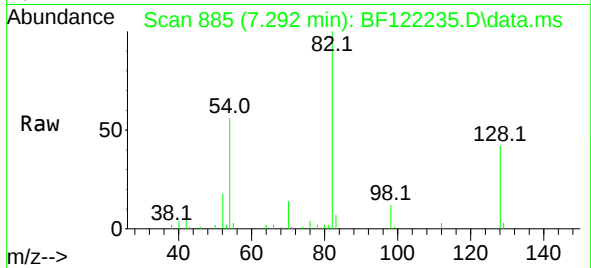




#25
Isophorone
Concen: 6.67 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.253 min
Lab File: BF122235.D
Acq: 2 Nov 2020 19:59

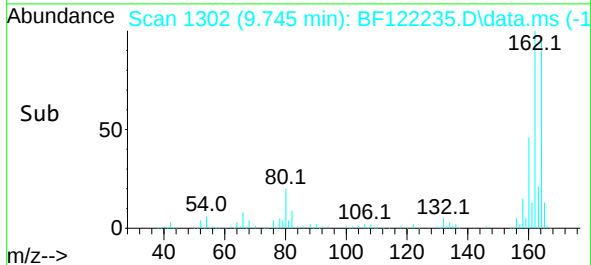
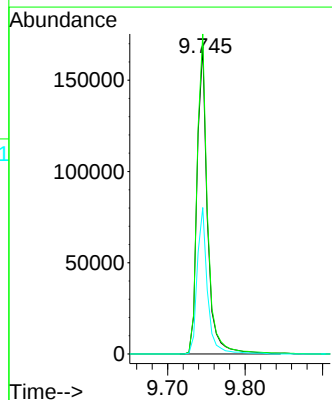
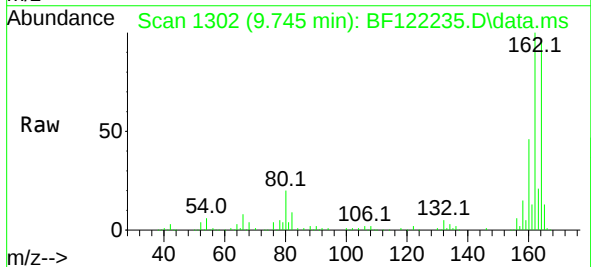
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ClientSampleId :
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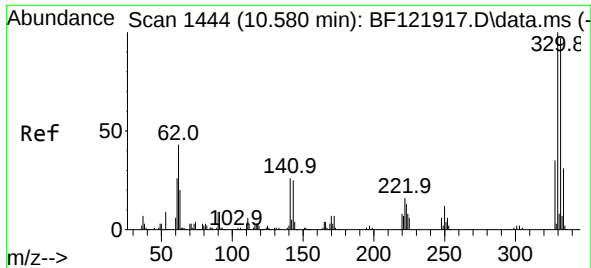
Tgt Ion: 82 Resp: 75674
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF122235.D
Acq: 2 Nov 2020 19:59

Tgt Ion:164 Resp: 156548
Ion Ratio Lower Upper
164 100
162 104.2 83.2 124.8
160 47.7 37.5 56.3

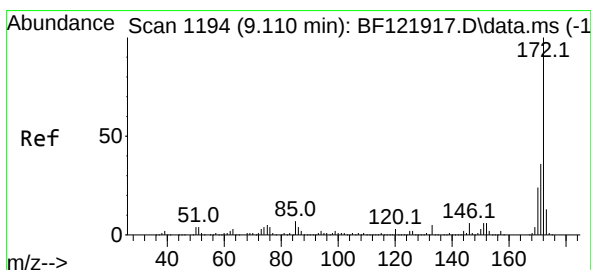
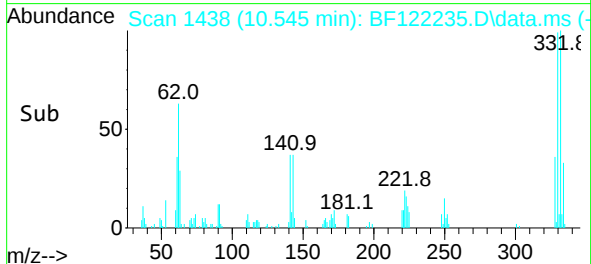
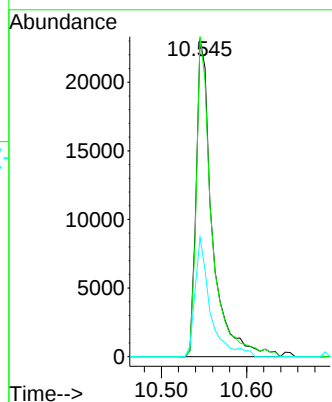
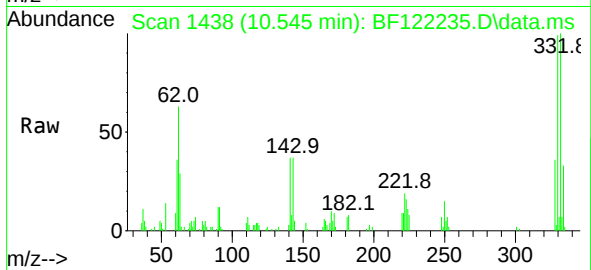




#42
2,4,6-Tribromophenol
Concen: 15.62 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.000 min
Lab File: BF122235.D
Acq: 2 Nov 2020 19:59

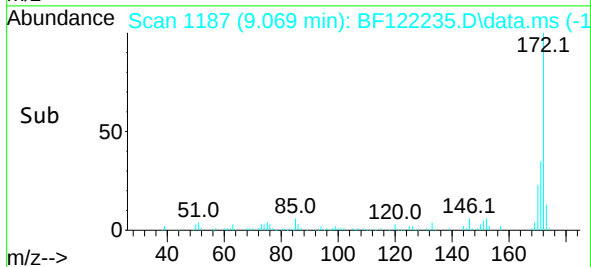
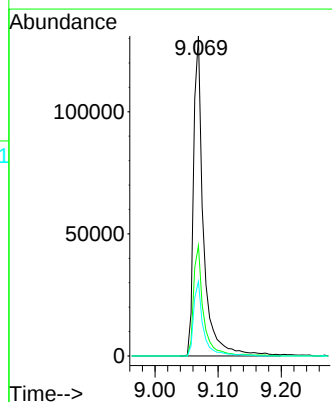
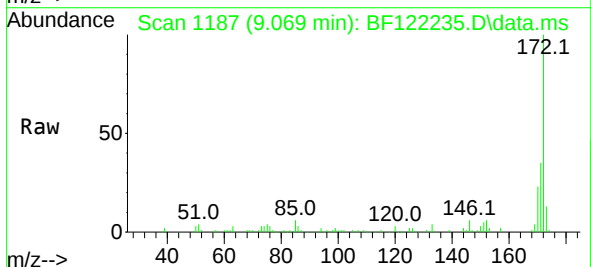
Instrument :
BNA_F
ClientSampled :
S-1DL

Tgt Ion: 330 Resp: 30240
Ion Ratio Lower Upper
330 100
332 97.8 77.3 115.9
141 35.8 22.3 33.5#



#45
2-Fluorobiphenyl
Concen: 13.56 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF122235.D
Acq: 2 Nov 2020 19:59

Tgt Ion: 172 Resp: 144302
Ion Ratio Lower Upper
172 100
171 34.5 29.1 43.7
170 23.3 19.8 29.6

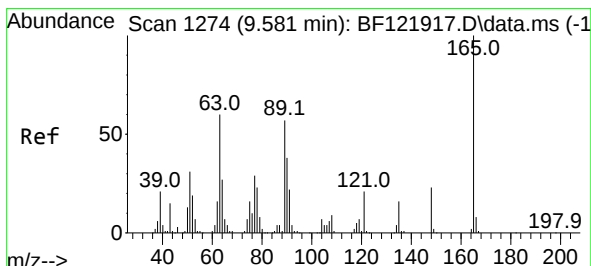
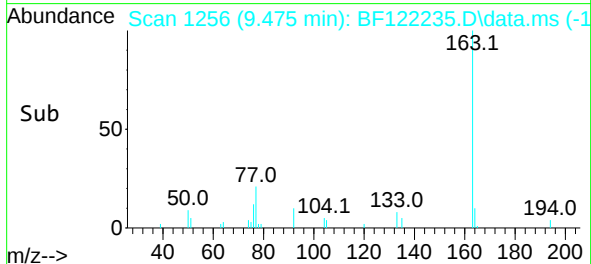
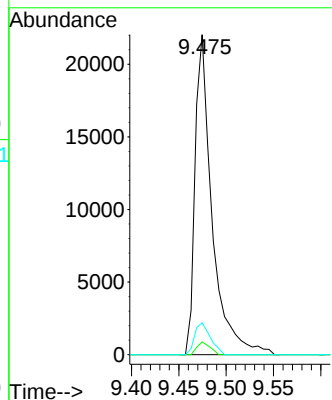
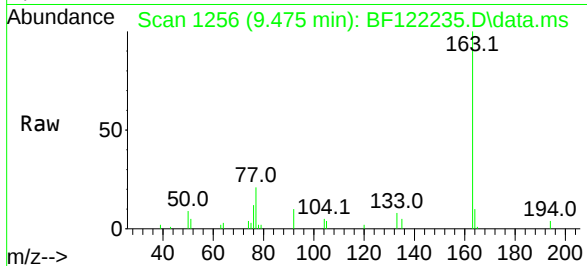




#50
Dimethylphthalate
Concen: 2.42 ng
RT: 9.475 min Scan# 1256
Delta R.T. -0.006 min
Lab File: BF122235.D
Acq: 2 Nov 2020 19:59

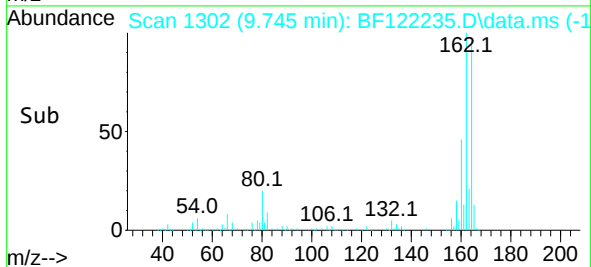
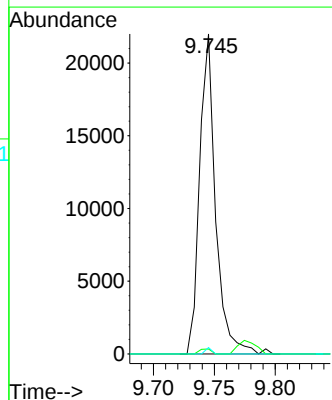
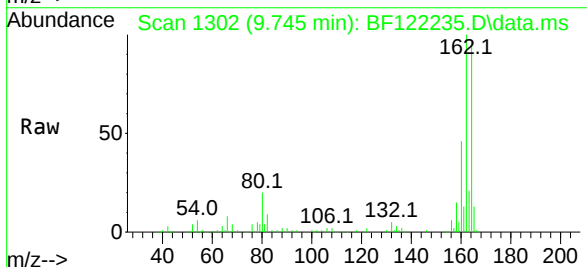
Instrument :
BNA_F
ClientSampleId :
S-1DL

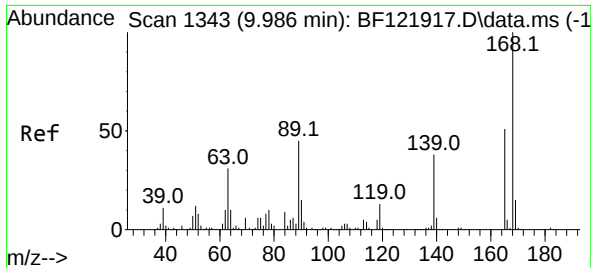
Tgt Ion:163 Resp: 27717
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.0 8.2 12.4



#51
2,6-Dinitrotoluene
Concen: 8.01 ng
RT: 9.745 min Scan# 1302
Delta R.T. 0.194 min
Lab File: BF122235.D
Acq: 2 Nov 2020 19:59

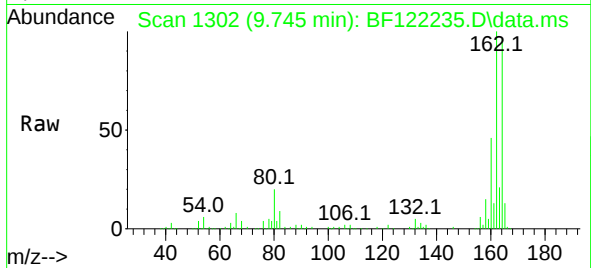
Tgt Ion:165 Resp: 20120
Ion Ratio Lower Upper
165 100
63 1.6 51.8 77.6#
89 2.0 49.0 73.6#



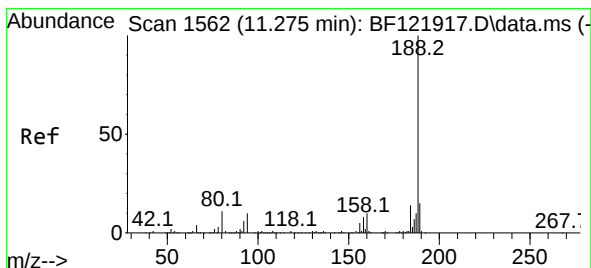
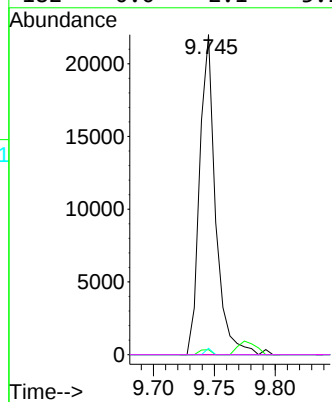
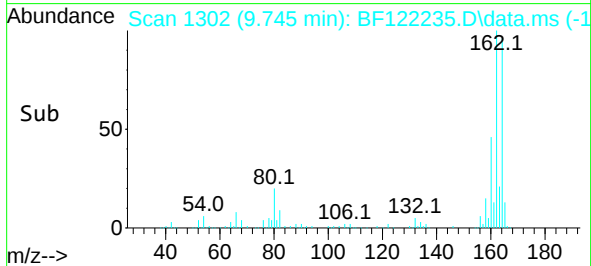


#57
2,4-Dinitrotoluene
Concen: 6.51 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.218 min
Lab File: BF122235.D
Acq: 2 Nov 2020 19:59

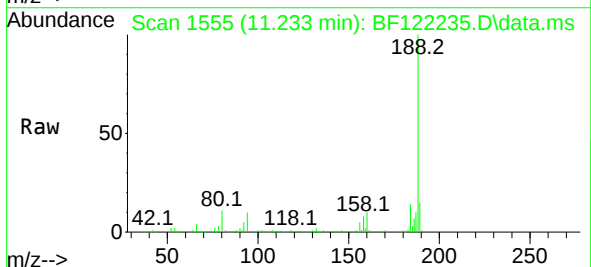
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ClientSampleId :
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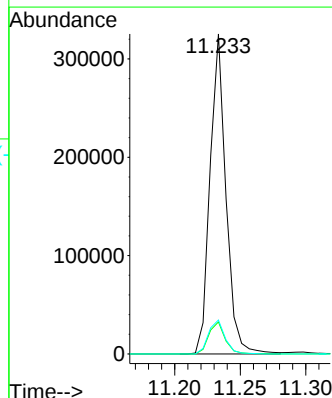
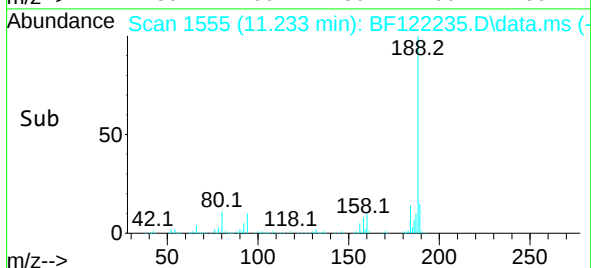
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Ion Ratio Lower Upper
165 100
63 1.6 41.3 61.9#
89 2.0 61.8 92.8#
182 0.0 2.1 3.1#

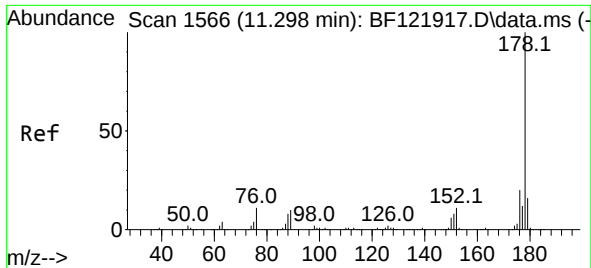


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.233 min Scan# 1555
Delta R.T. -0.000 min
Lab File: BF122235.D
Acq: 2 Nov 2020 19:59



Tgt Ion:188 Resp: 275488
Ion Ratio Lower Upper
188 100
94 10.0 8.3 12.5
80 10.6 9.1 13.7

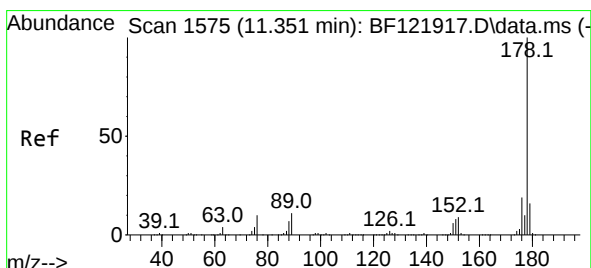
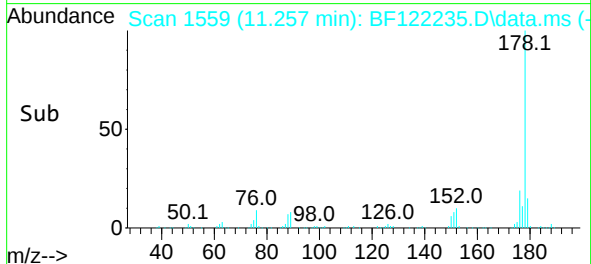
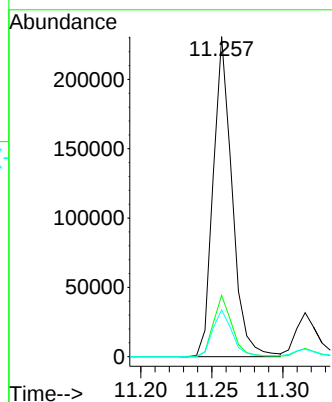
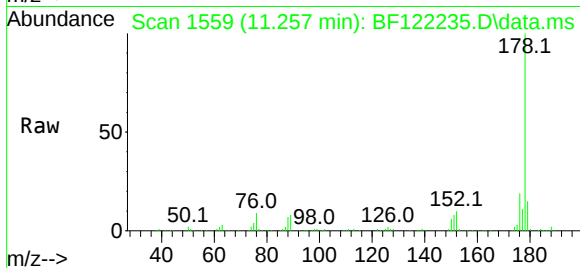




#71
Phenanthrene
Concen: 14.14 ng
RT: 11.257 min Scan# 1559
Delta R.T. -0.006 min
Lab File: BF122235.D
Acq: 2 Nov 2020 19:59

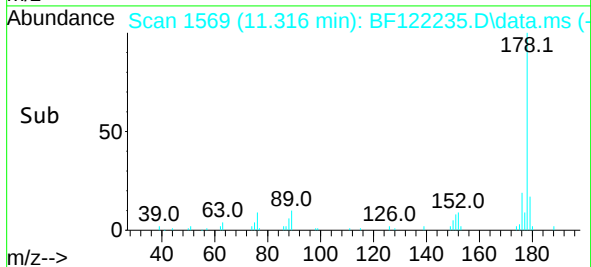
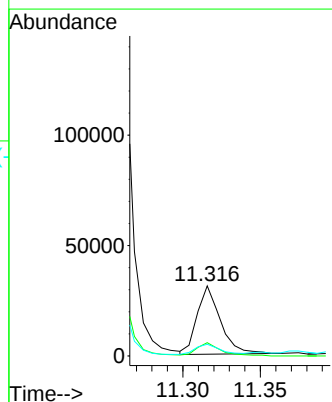
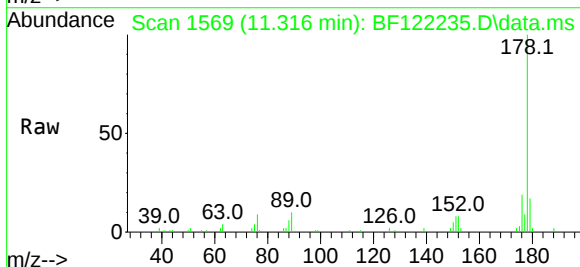
Instrument :
BNA_F
ClientSampleId :
S-1DL

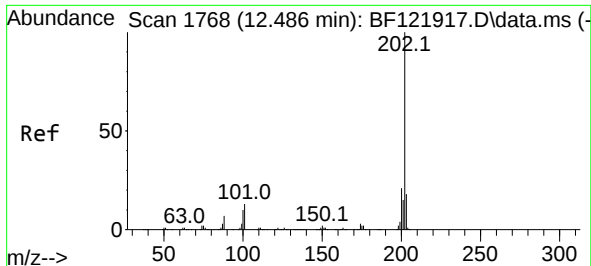
Tgt Ion:178 Resp: 213562
Ion Ratio Lower Upper
178 100
176 19.1 15.9 23.9
179 14.6 12.2 18.4



#72
Anthracene
Concen: 2.07 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BF122235.D
Acq: 2 Nov 2020 19:59

Tgt Ion:178 Resp: 32403
Ion Ratio Lower Upper
178 100
176 19.0 15.7 23.5
179 16.7 12.7 19.1

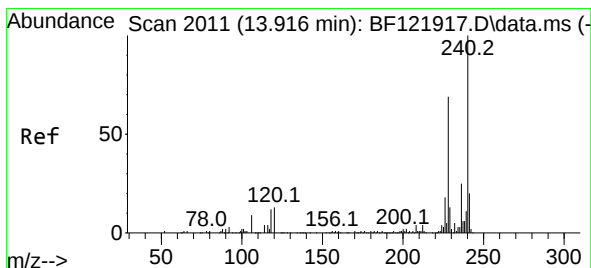
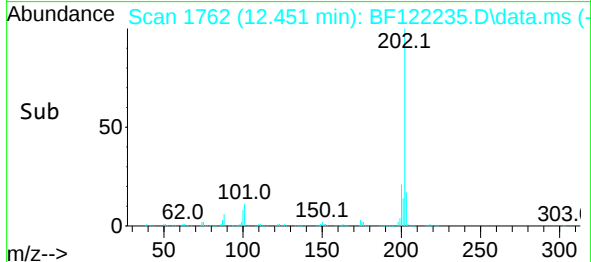
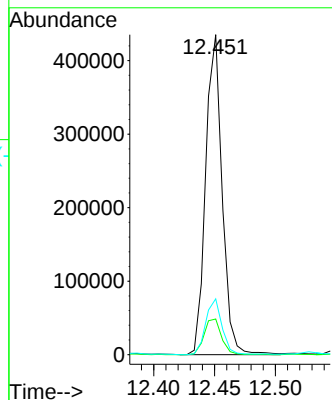
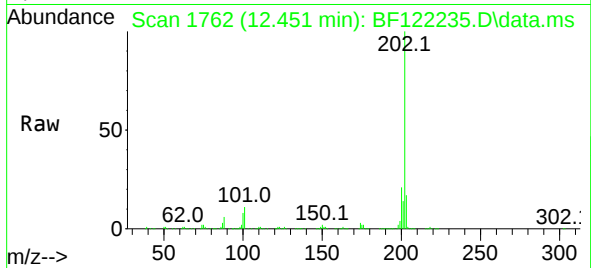




#75
Fluoranthene
Concen: 25.27 ng
RT: 12.451 min Scan# 1762
Delta R.T. -0.000 min
Lab File: BF122235.D
Acq: 2 Nov 2020 19:59

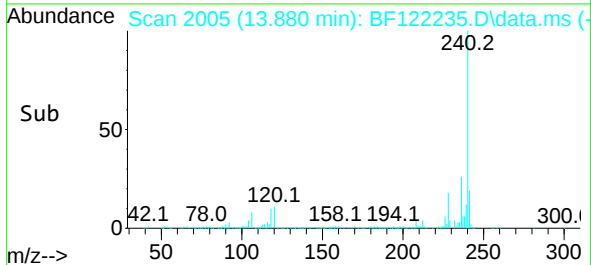
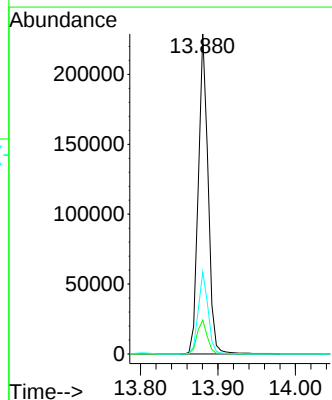
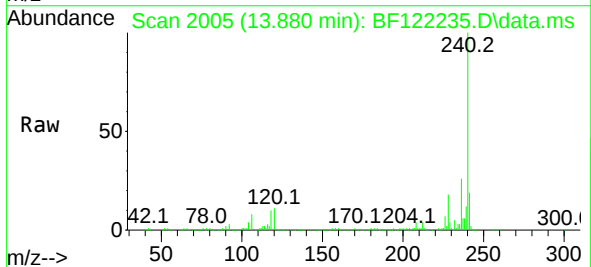
Instrument :
BNA_F
ClientSampleId :
S-1DL

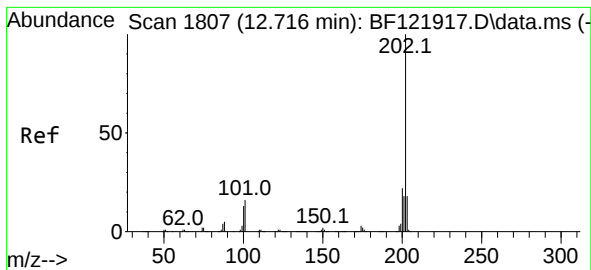
Tgt Ion:202 Resp: 409305
Ion Ratio Lower Upper
202 100
101 11.1 0.0 33.4
203 17.5 0.0 37.9



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BF122235.D
Acq: 2 Nov 2020 19:59

Tgt Ion:240 Resp: 199309
Ion Ratio Lower Upper
240 100
120 10.6 9.2 13.8
236 25.6 20.9 31.3





#78

Pyrene

Concen: 23.19 ng

RT: 12.680 min Scan# 1801

Delta R.T. -0.000 min

Lab File: BF122235.D

Acq: 2 Nov 2020 19:59

Tgt Ion:202 Resp: 352181

Ion Ratio Lower Upper

202 100

200 21.1 17.4 26.2

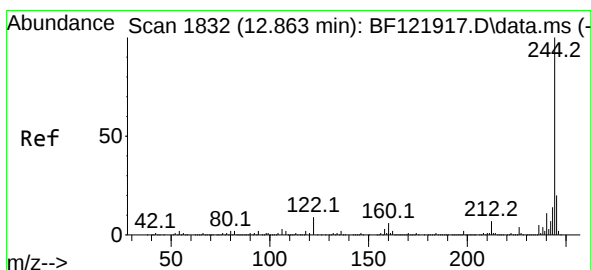
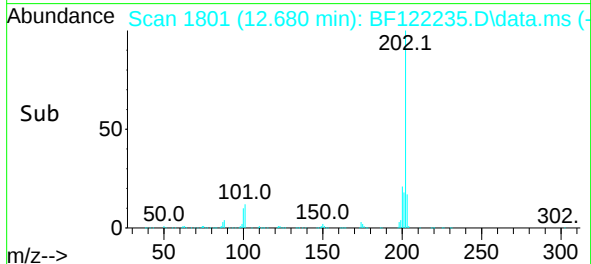
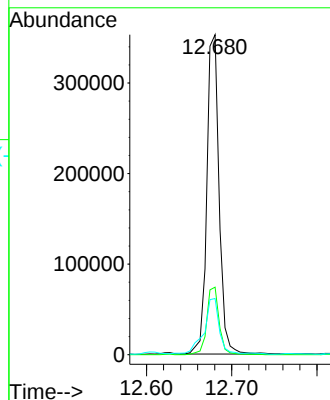
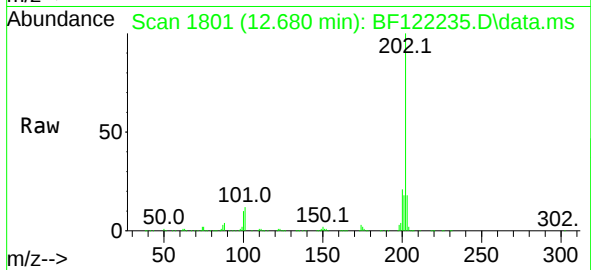
203 17.5 14.6 21.8

Instrument :

BNA_F

ClientSampleId :

S-1DL



#79

Terphenyl-d14

Concen: 11.05 ng

RT: 12.816 min Scan# 1824

Delta R.T. -0.000 min

Lab File: BF122235.D

Acq: 2 Nov 2020 19:59

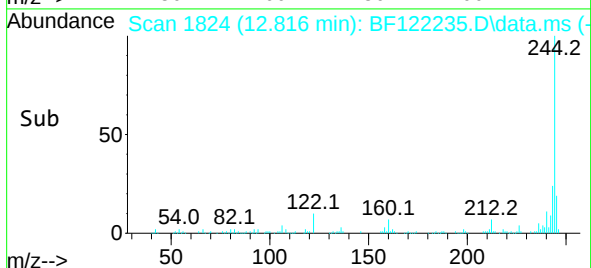
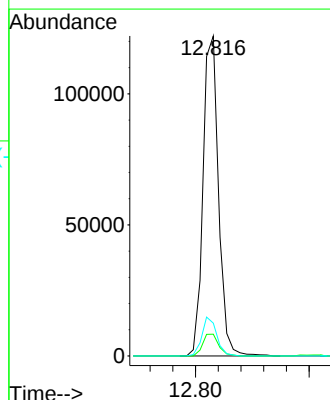
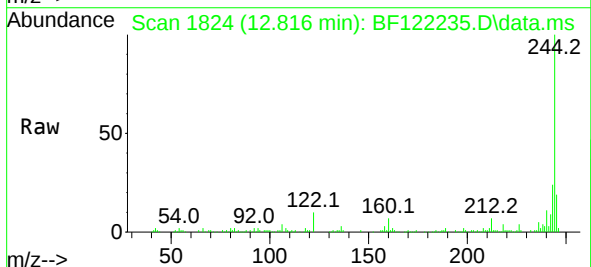
Tgt Ion:244 Resp: 115536

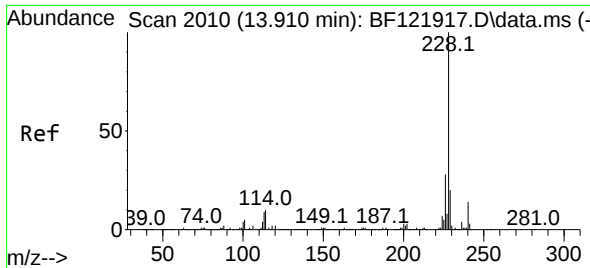
Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

122 10.2 8.1 12.1

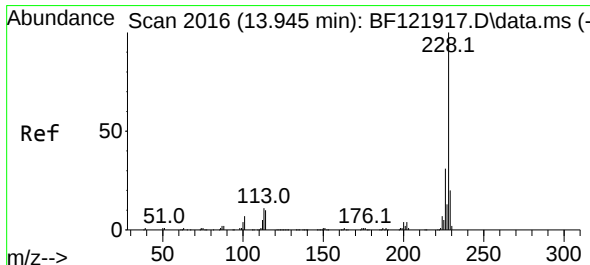
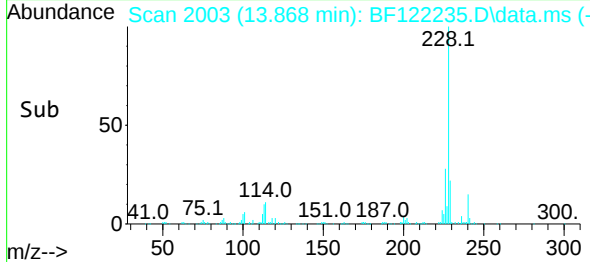
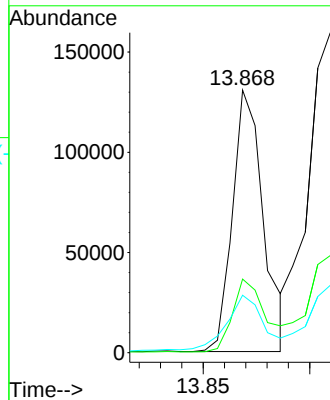
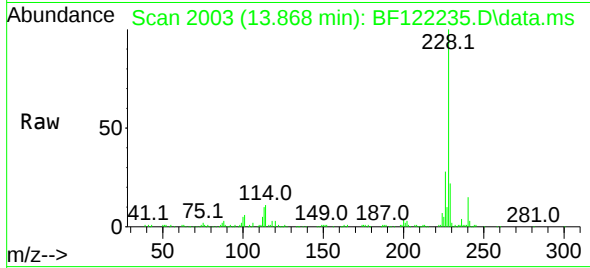




#81
Benzo(a)anthracene
Concen: 10.08 ng
RT: 13.868 min Scan# 2003
Delta R.T. -0.000 min
Lab File: BF122235.D
Acq: 2 Nov 2020 19:59

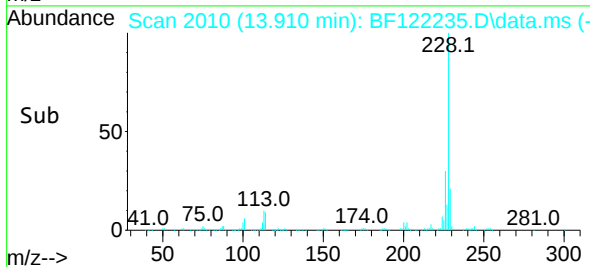
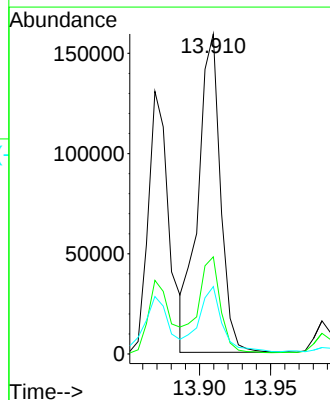
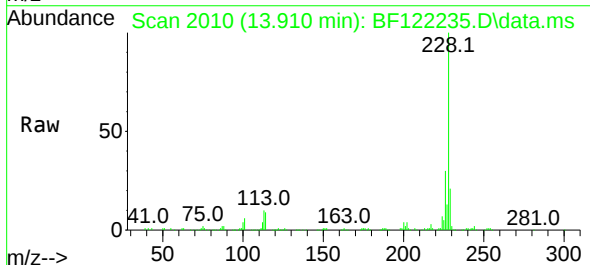
Instrument :
BNA_F
ClientSampleId :
S-1DL

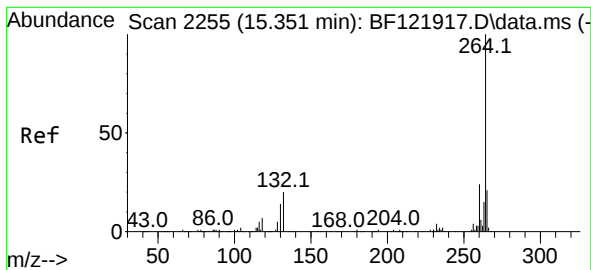
Tgt Ion:228 Resp: 131646
Ion Ratio Lower Upper
228 100
226 28.0 22.3 33.5
229 21.9 16.2 24.4



#83
Chrysene
Concen: 13.61 ng
RT: 13.910 min Scan# 2010
Delta R.T. 0.006 min
Lab File: BF122235.D
Acq: 2 Nov 2020 19:59

Tgt Ion:228 Resp: 174535
Ion Ratio Lower Upper
228 100
226 30.4 24.6 37.0
229 21.1 15.9 23.9

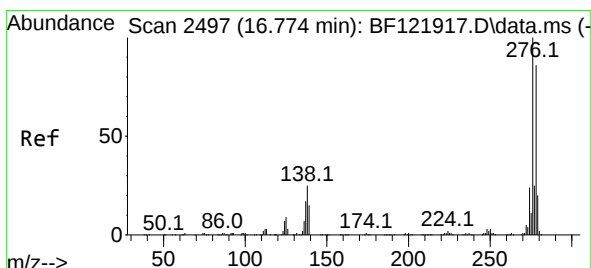
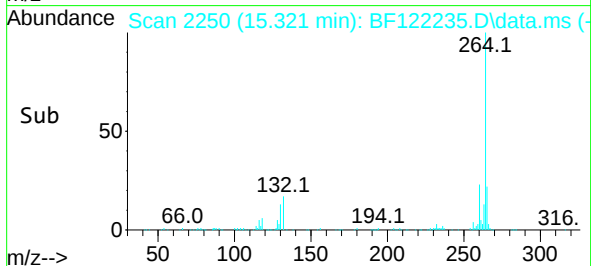
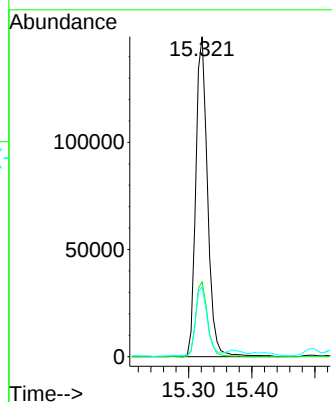
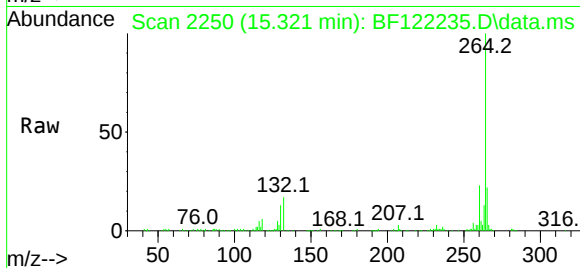




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.321 min Scan# 2250
Delta R.T. 0.018 min
Lab File: BF122235.D
Acq: 2 Nov 2020 19:59

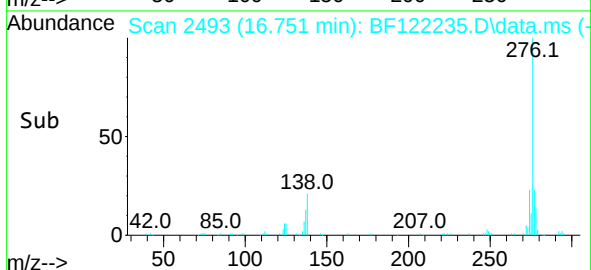
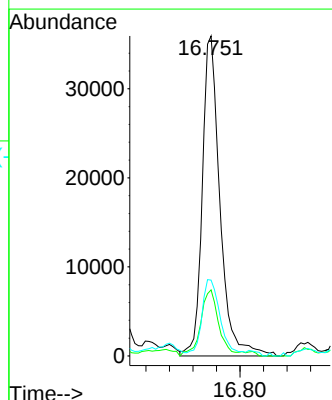
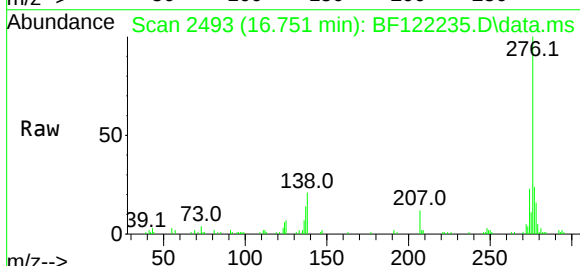
Instrument :
BNA_F
ClientSampleId :
S-1DL

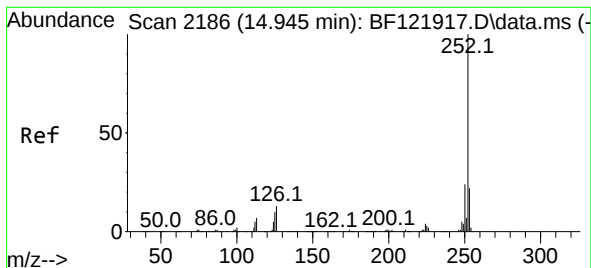
Tgt Ion:264	Resp:	192797
Ion Ratio	Lower	Upper
264	100	
260	23.4	18.7 28.1
265	21.8	17.3 25.9



#87
Indeno(1,2,3-cd)pyrene
Concen: 5.99 ng
RT: 16.751 min Scan# 2493
Delta R.T. 0.035 min
Lab File: BF122235.D
Acq: 2 Nov 2020 19:59

Tgt Ion:276	Resp:	75030
Ion Ratio	Lower	Upper
276	100	
138	21.0	19.9 29.9
277	22.4	20.4 30.6





#88

Benzo(b)fluoranthene

Concen: 19.25 ng

RT: 14.910 min Scan# 2180

Delta R.T. 0.012 min

Lab File: BF122235.D

Acq: 2 Nov 2020 19:59

Tgt Ion:252 Resp: 250913

Ion Ratio Lower Upper

252 100

253 22.0 18.2 27.2

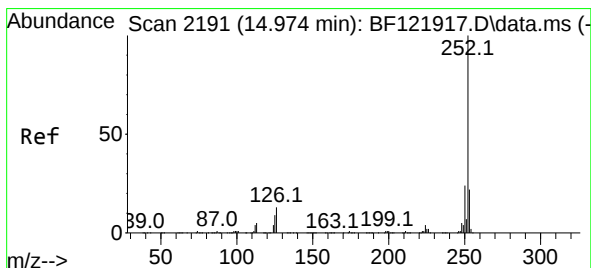
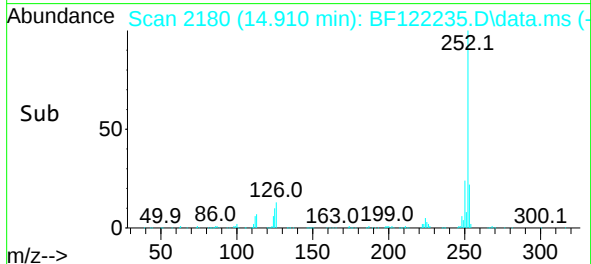
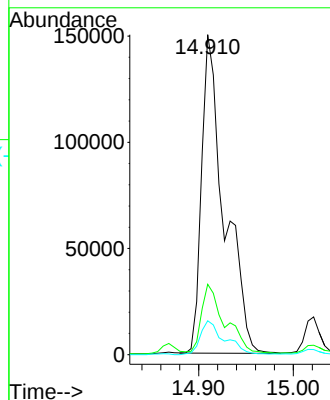
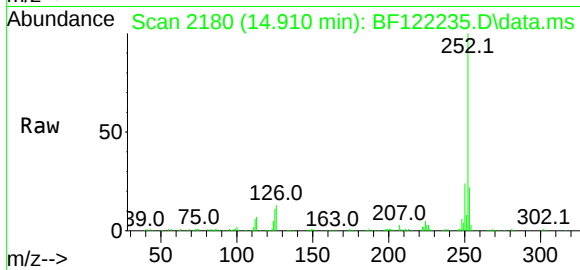
125 10.6 8.0 12.0

Instrument :

BNA_F

ClientSampleId :

S-1DL



#89

Benzo(k)fluoranthene

Concen: 20.27 ng

RT: 14.910 min Scan# 2180

Delta R.T. -0.018 min

Lab File: BF122235.D

Acq: 2 Nov 2020 19:59

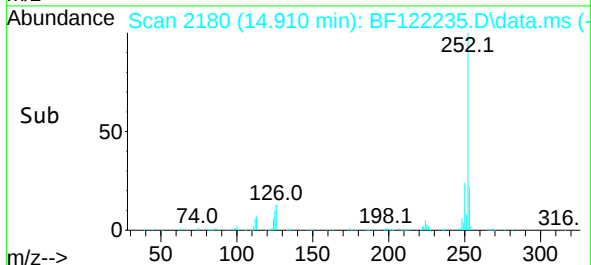
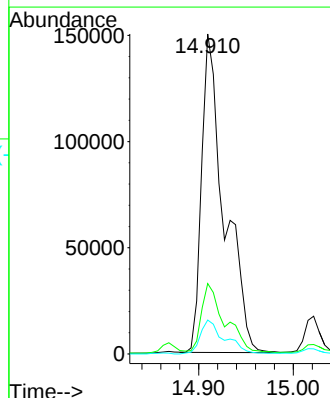
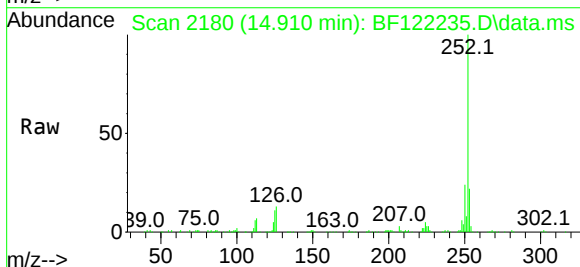
Tgt Ion:252 Resp: 250913

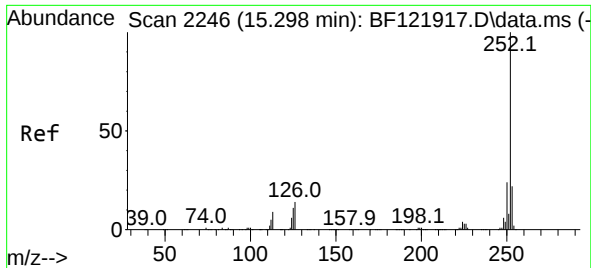
Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

125 10.6 7.7 11.5

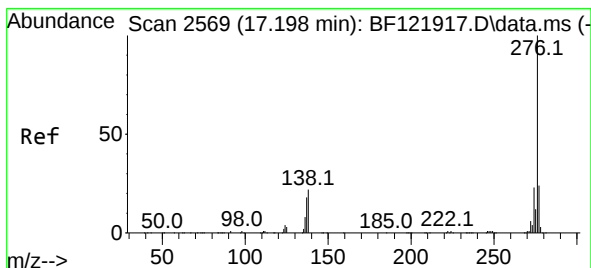
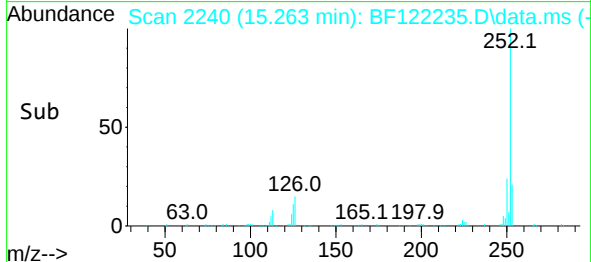
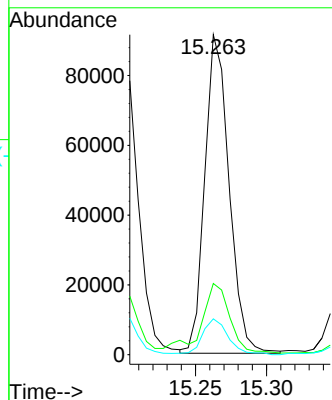
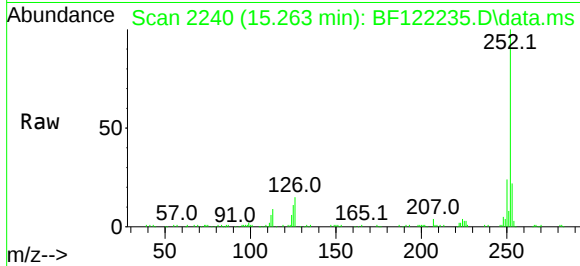




#90
Benzo(a)pyrene
Concen: 9.65 ng
RT: 15.263 min Scan# 2240
Delta R.T. 0.012 min
Lab File: BF122235.D
Acq: 2 Nov 2020 19:59

Instrument :
BNA_F
ClientSampleId :
S-1DL

Tgt Ion:252 Resp: 108609
Ion Ratio Lower Upper
252 100
253 22.3 17.3 25.9
125 11.2 8.6 13.0



#92
Benzo(g,h,i)perylene
Concen: 6.80 ng
RT: 17.174 min Scan# 2565
Delta R.T. 0.041 min
Lab File: BF122235.D
Acq: 2 Nov 2020 19:59

Tgt Ion:276 Resp: 70125
Ion Ratio Lower Upper
276 100
277 26.8 19.4 29.2
138 23.0 17.8 26.6

