

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110320\
 Data File : BF122250.D
 Acq On : 3 Nov 2020 20:06
 Operator : JU/CG
 Sample : L4600-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CRT-19

Quant Time: Nov 04 01:08:02 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)

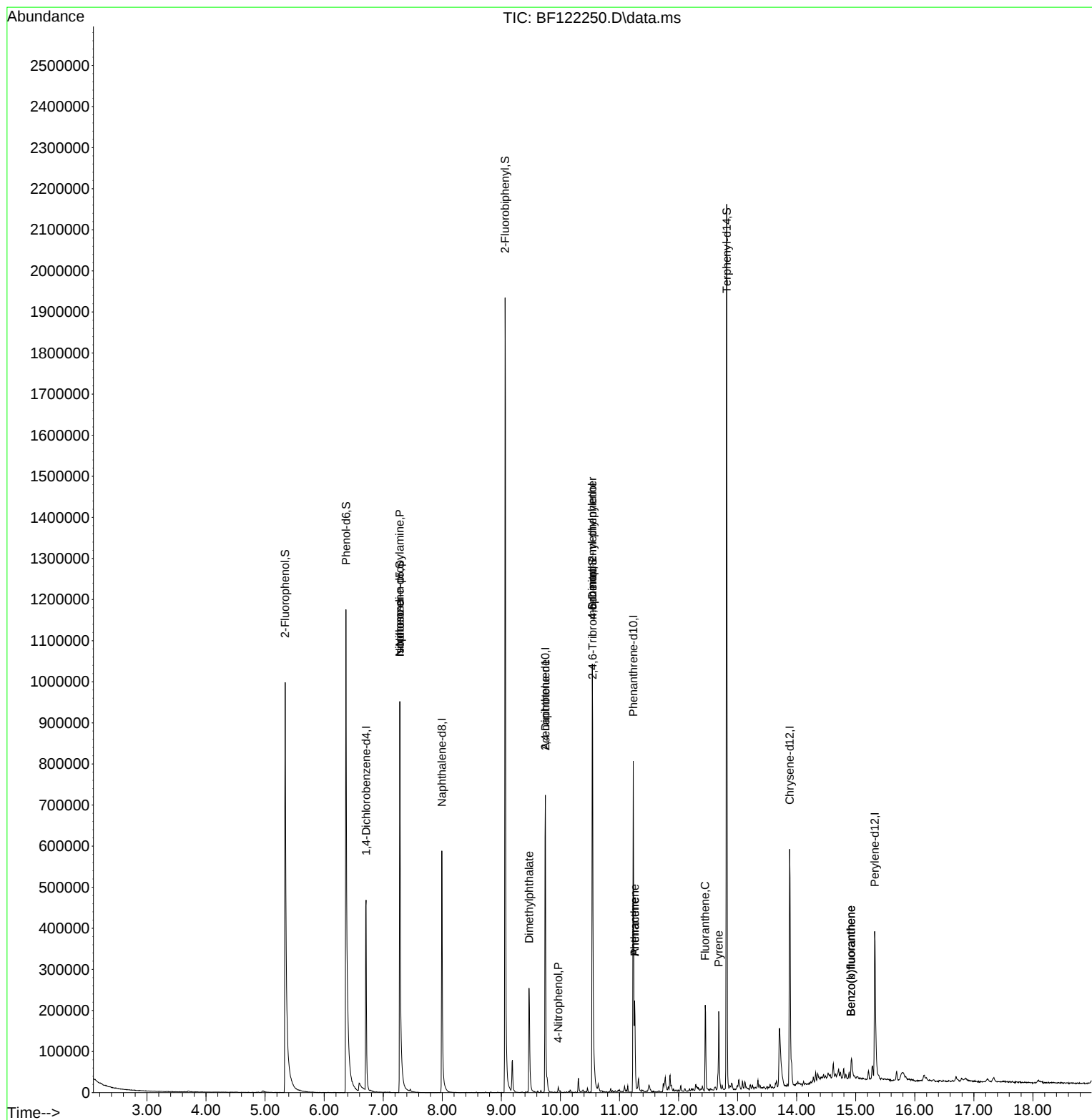
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.710	152	79056	20.00	ng	0.00
21) Naphthalene-d8	7.992	136	318074	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	165068	20.00	ng	0.00
64) Phenanthrene-d10	11.233	188	305337	20.00	ng	0.00
76) Chrysene-d12	13.880	240	221238	20.00	ng	0.00
86) Perylene-d12	15.321	264	209463	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	479175	89.46	ng	0.00
7) Phenol-d6	6.369	99	608269	88.22	ng	0.00
23) Nitrobenzene-d5	7.281	82	386554	62.33	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	168173	82.36	ng	0.00
45) 2-Fluorobiphenyl	9.063	172	682192	60.81	ng	-0.01
79) Terphenyl-d14	12.816	244	664496	57.24	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.375	77	877	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.281	70	51452	13.11	ng	# 80
25) Isophorone	7.281	82	386554	32.96	ng	# 67
50) Dimethylphthalate	9.469	163	136165	11.28	ng	100
56) 4-Nitrophenol	9.963	139	3289	2.01	ng	# 10
57) 2,4-Dinitrotoluene	9.745	165	21308	6.54	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.539	198	140	4.49	ng	# 1
67) 4-Bromophenyl-phenylether	10.539	248	9626	2.73	ng	# 1
71) Phenanthrene	11.257	178	91404	5.46	ng	97
72) Anthracene	11.257	178	91404	5.26	ng	97
75) Fluoranthene	12.451	202	94083	5.24	ng	99
78) Pyrene	12.680	202	84457	5.01	ng	98
88) Benzo(b)fluoranthene	14.921	252	30707	2.17	ng	# 96
89) Benzo(k)fluoranthene	14.921	252	30707	2.28	ng	# 97

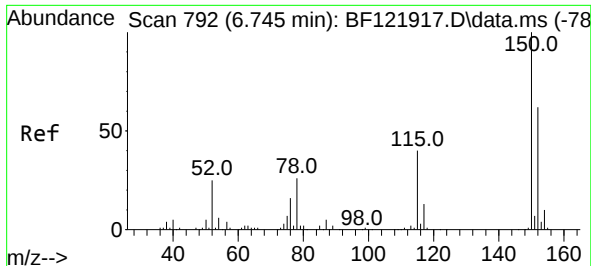
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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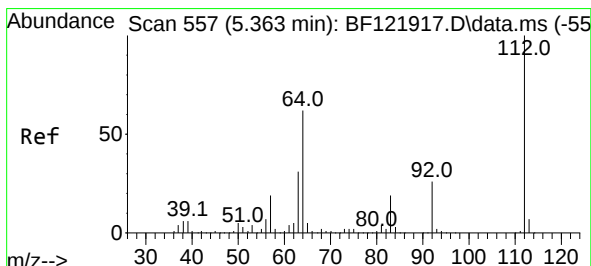
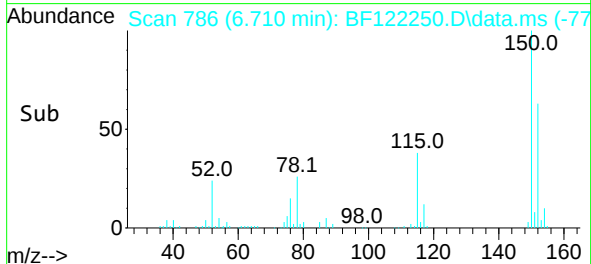
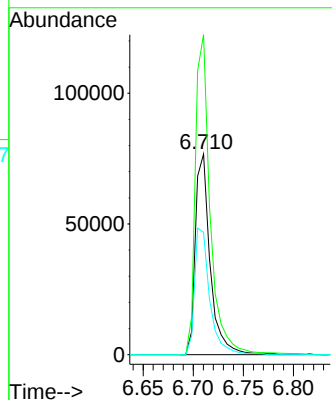
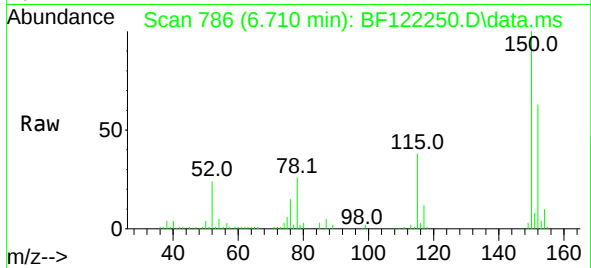




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.710 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF122250.D
Acq: 3 Nov 2020 20:06

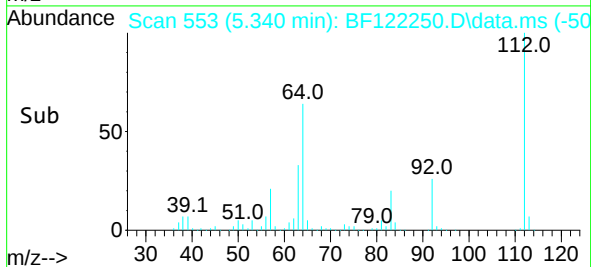
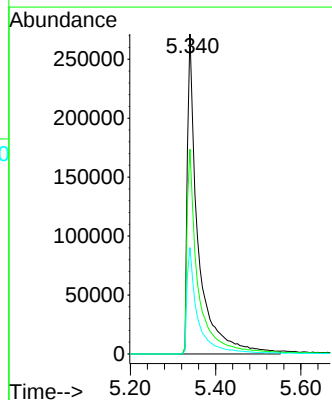
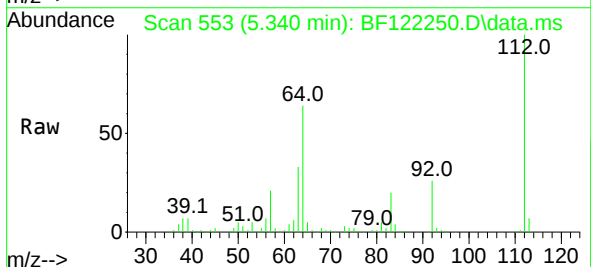
Instrument :
BNA_F
ClientSampleId :
CRT-19

Tgt Ion:152 Resp: 79056
Ion Ratio Lower Upper
152 100
150 159.5 125.3 187.9
115 61.0 51.9 77.9



#5
2-Fluorophenol
Concen: 89.46 ng
RT: 5.340 min Scan# 553
Delta R.T. 0.006 min
Lab File: BF122250.D
Acq: 3 Nov 2020 20:06

Tgt Ion:112 Resp: 479175
Ion Ratio Lower Upper
112 100
64 64.0 50.4 75.6
63 33.2 25.8 38.6

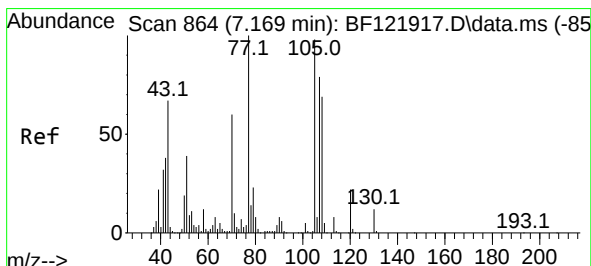
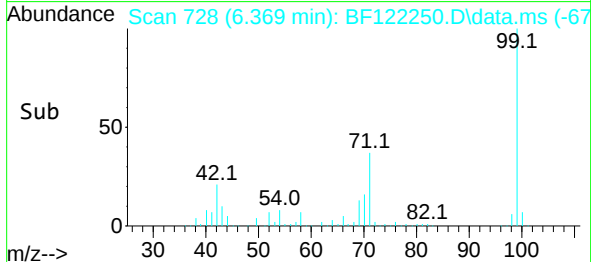
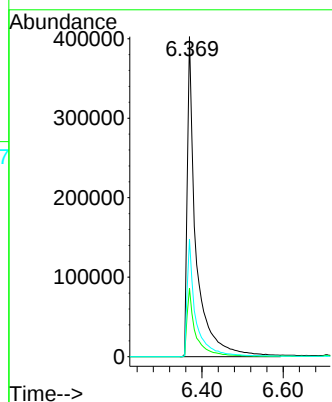
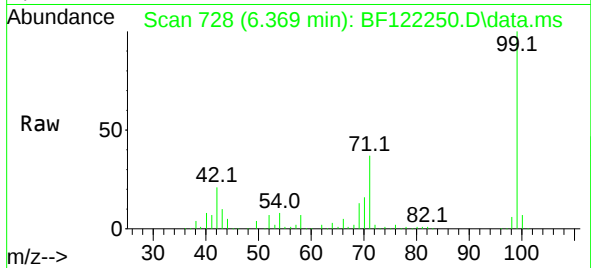




#7
Phenol-d6
Concen: 88.22 ng
RT: 6.369 min Scan# 728
Delta R.T. 0.000 min
Lab File: BF122250.D
Acq: 3 Nov 2020 20:06

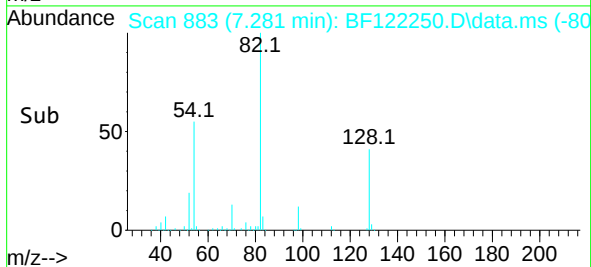
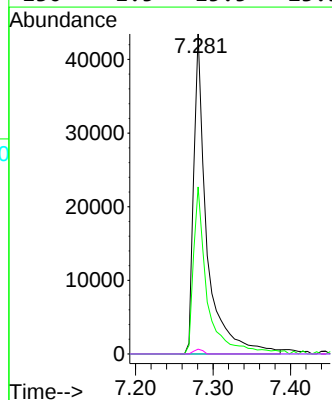
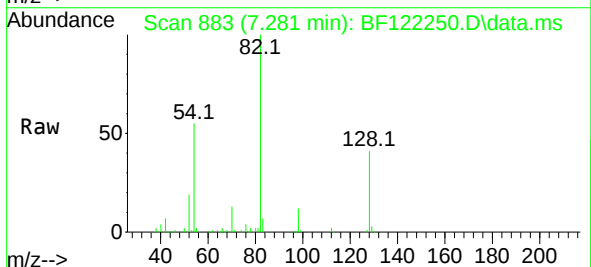
Instrument :
BNA_F
ClientSampleId :
CRT-19

Tgt Ion: 99 Resp: 608269
Ion Ratio Lower Upper
99 100
42 21.4 15.9 23.9
71 36.6 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 13.11 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.141 min
Lab File: BF122250.D
Acq: 3 Nov 2020 20:06

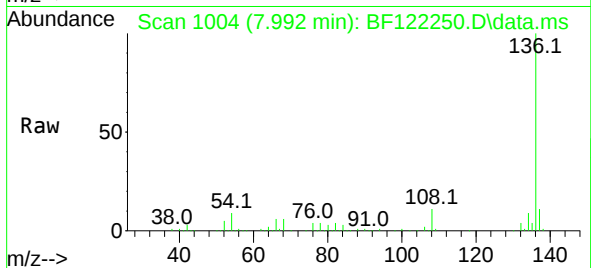
Tgt Ion: 70 Resp: 51452
Ion Ratio Lower Upper
70 100
42 52.2 50.2 75.4
101 0.0 7.5 11.3#
130 1.5 15.5 23.3#



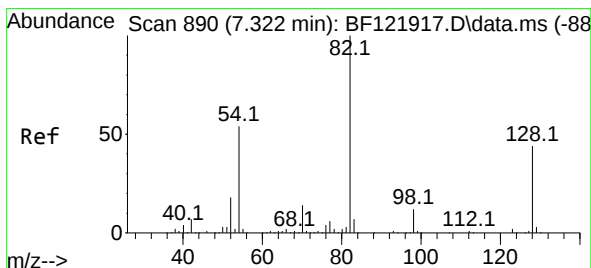
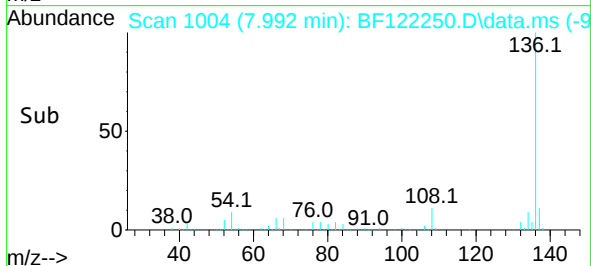
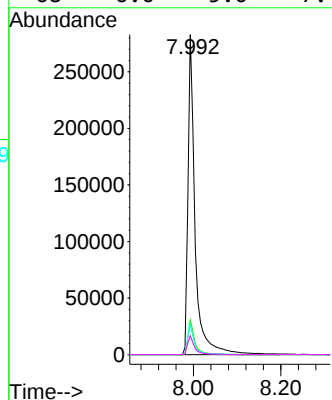


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.992 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF122250.D
Acq: 3 Nov 2020 20:06

Instrument :
BNA_F
ClientSampleId :
CRT-19

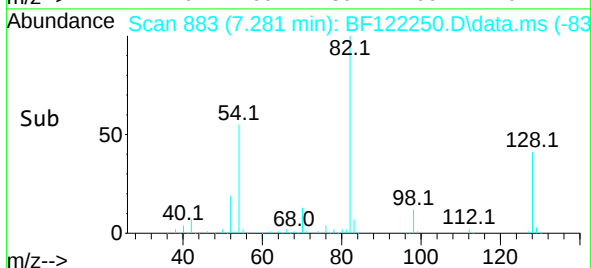
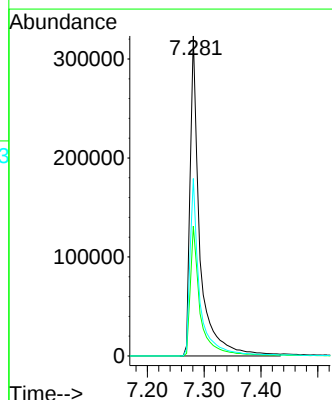
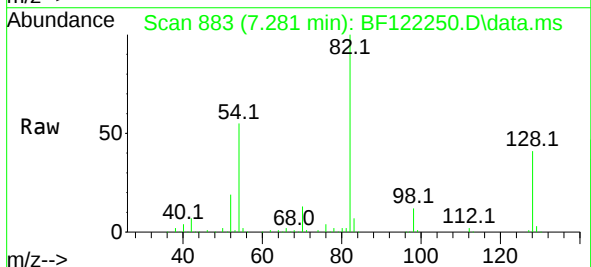


Tgt Ion:136 Resp: 318074
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.5 7.1 10.7
68 6.0 5.0 7.4



#23
Nitrobenzene-d5
Concen: 62.33 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF122250.D
Acq: 3 Nov 2020 20:06

Tgt Ion: 82 Resp: 386554
Ion Ratio Lower Upper
82 100
128 40.6 35.0 52.4
54 55.4 43.9 65.9

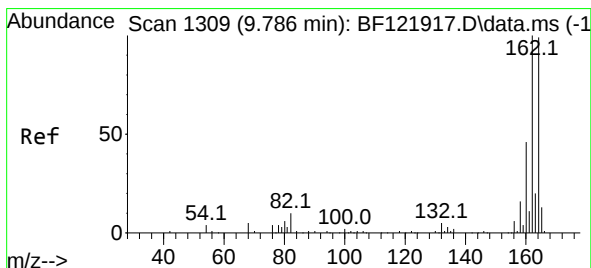
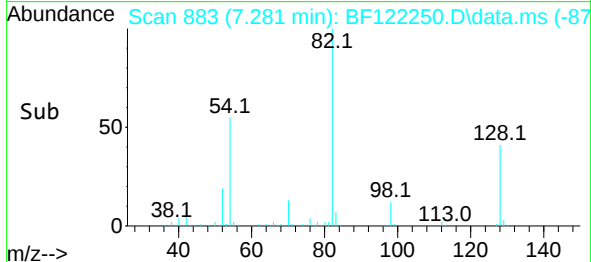
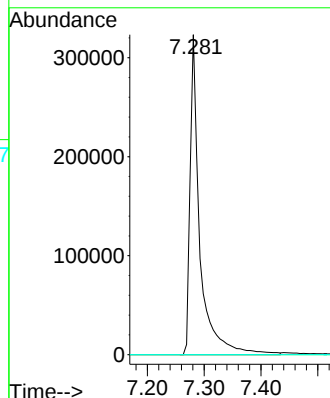
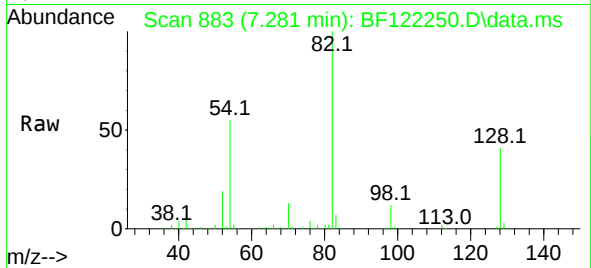




#25
Isophorone
Concen: 32.96 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.265 min
Lab File: BF122250.D
Acq: 3 Nov 2020 20:06

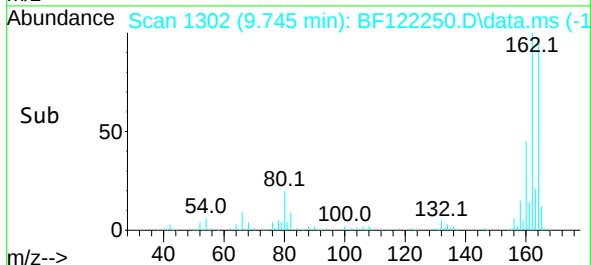
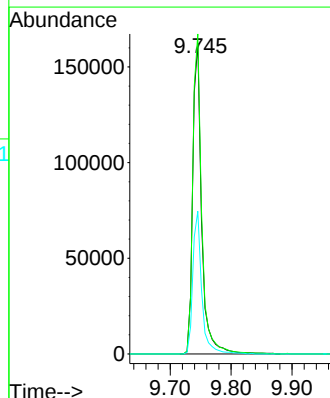
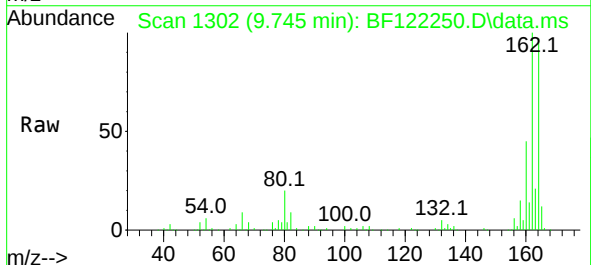
Instrument :
BNA_F
ClientSampleId :
CRT-19

Tgt Ion: 82 Resp: 386554
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: BF122250.D
Acq: 3 Nov 2020 20:06

Tgt Ion:164 Resp: 165068
Ion Ratio Lower Upper
164 100
162 103.0 83.2 124.8
160 45.9 37.5 56.3

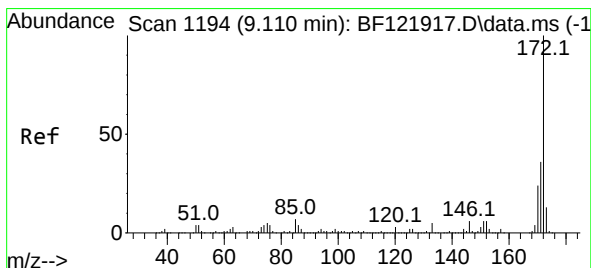
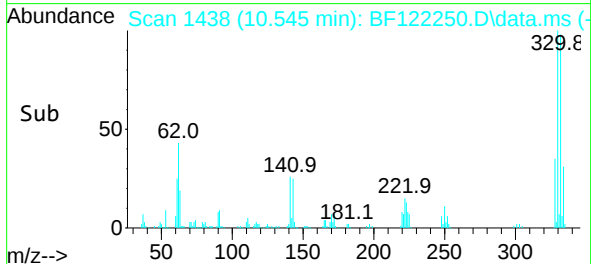
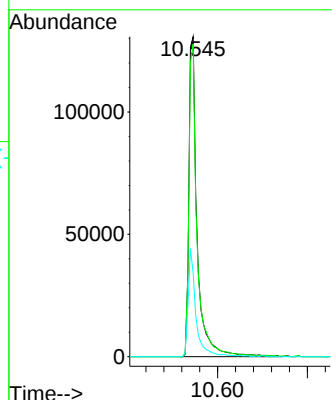
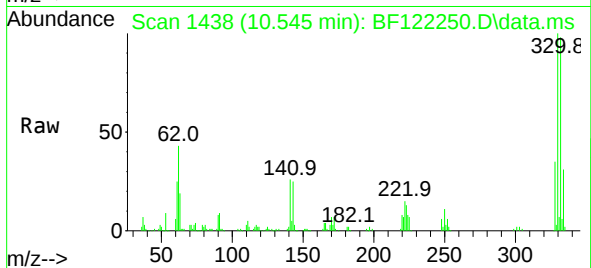




#42
2,4,6-Tribromophenol
Concen: 82.36 ng
RT: 10.545 min Scan# 1438
Delta R.T. 0.000 min
Lab File: BF122250.D
Acq: 3 Nov 2020 20:06

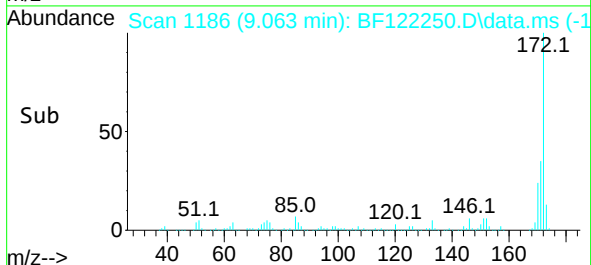
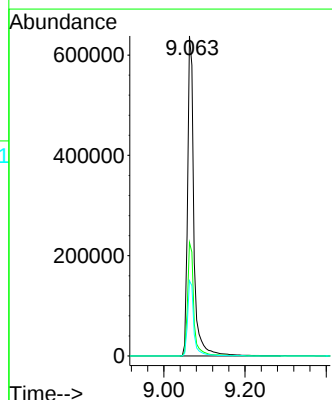
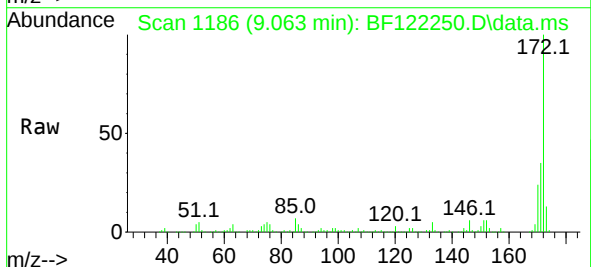
Instrument :
BNA_F
ClientSampleId :
CRT-19

Tgt Ion:330 Resp: 168173
Ion Ratio Lower Upper
330 100
332 96.6 77.3 115.9
141 31.8 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 60.81 ng
RT: 9.063 min Scan# 1186
Delta R.T. -0.012 min
Lab File: BF122250.D
Acq: 3 Nov 2020 20:06

Tgt Ion:172 Resp: 682192
Ion Ratio Lower Upper
172 100
171 35.5 29.1 43.7
170 23.5 19.8 29.6

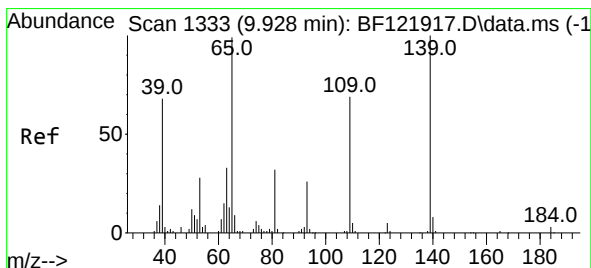
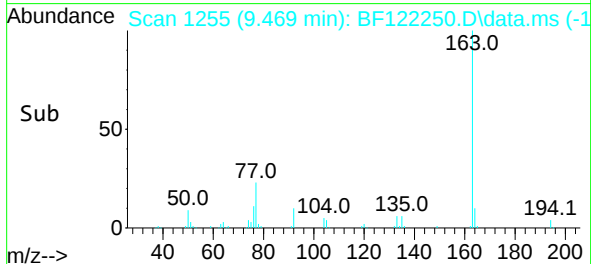
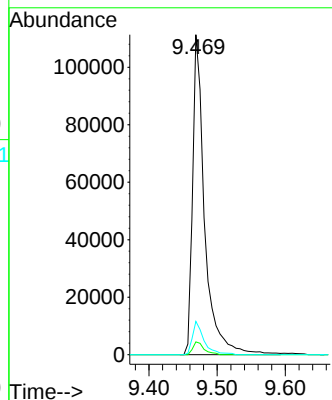
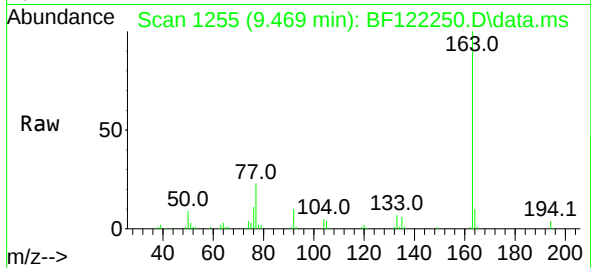




#50
Dimethylphthalate
Concen: 11.28 ng
RT: 9.469 min Scan# 1255
Delta R.T. -0.012 min
Lab File: BF122250.D
Acq: 3 Nov 2020 20:06

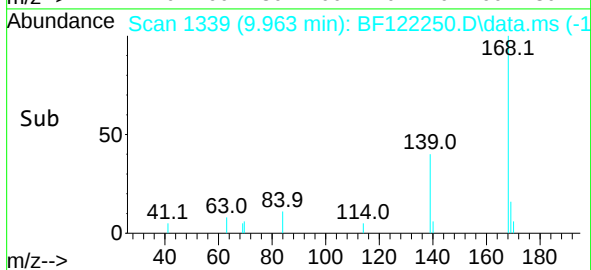
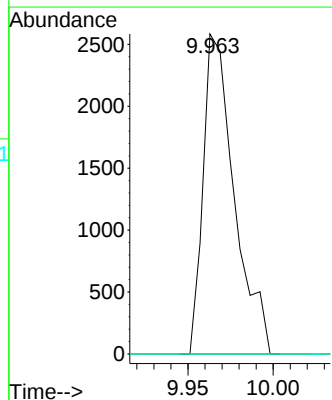
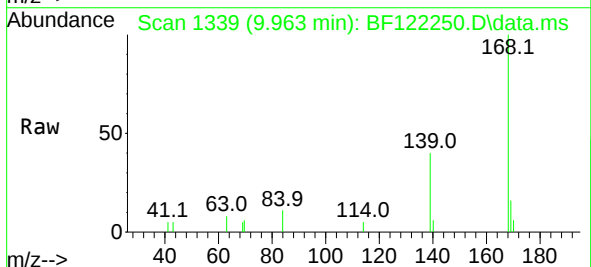
Instrument :
BNA_F
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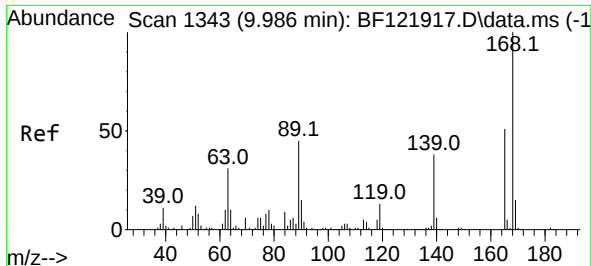
Tgt Ion:163 Resp: 136165
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.4 8.2 12.4



#56
4-Nitrophenol
Concen: 2.01 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.053 min
Lab File: BF122250.D
Acq: 3 Nov 2020 20:06

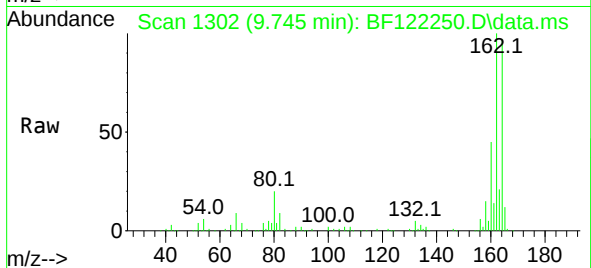
Tgt Ion:139 Resp: 3289
Ion Ratio Lower Upper
139 100
109 0.0 45.4 85.4#
65 0.0 68.4 108.4#



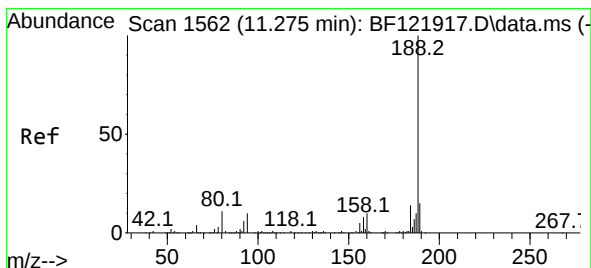
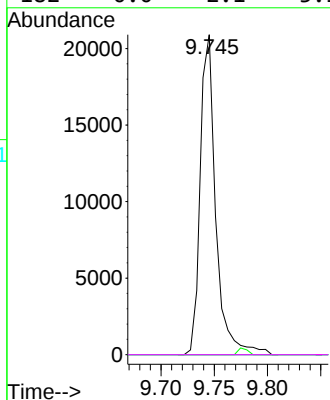
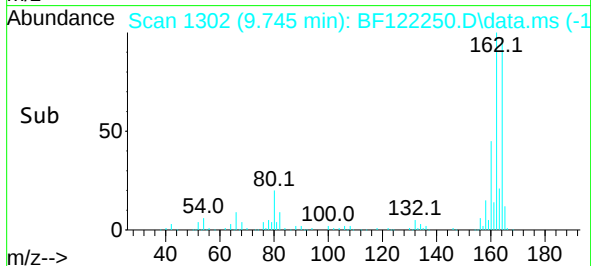


#57
2,4-Dinitrotoluene
Concen: 6.54 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.218 min
Lab File: BF122250.D
Acq: 3 Nov 2020 20:06

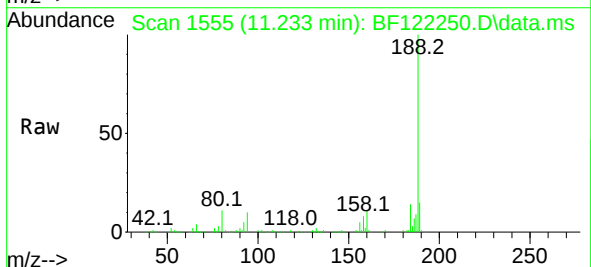
Instrument :
BNA_F
ClientSampleId :
CRT-19



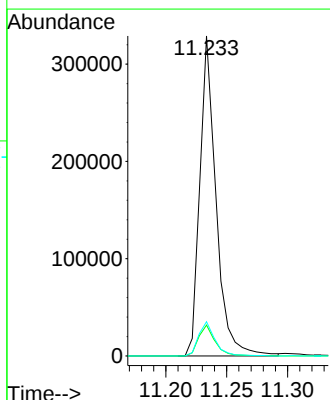
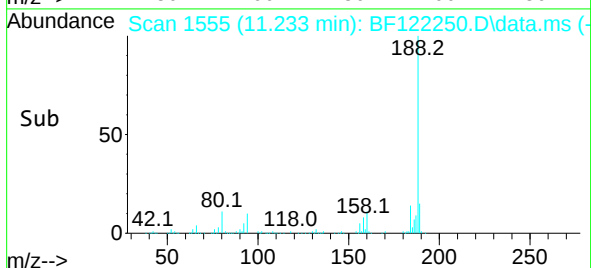
Tgt Ion:165 Resp: 21308
Ion Ratio Lower Upper
165 100
63 0.0 41.3 61.9#
89 0.0 61.8 92.8#
182 0.0 2.1 3.1#

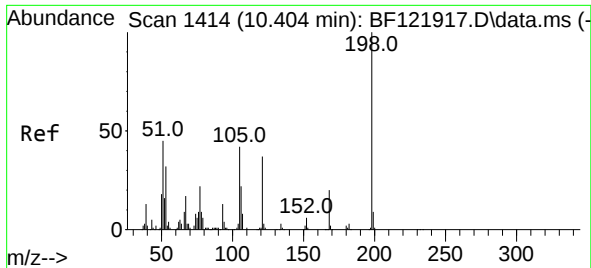


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.233 min Scan# 1555
Delta R.T. 0.000 min
Lab File: BF122250.D
Acq: 3 Nov 2020 20:06



Tgt Ion:188 Resp: 305337
Ion Ratio Lower Upper
188 100
94 9.7 8.3 12.5
80 10.7 9.1 13.7

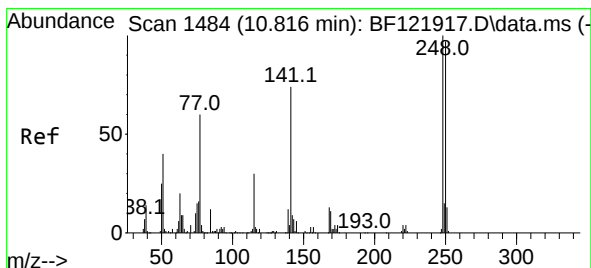
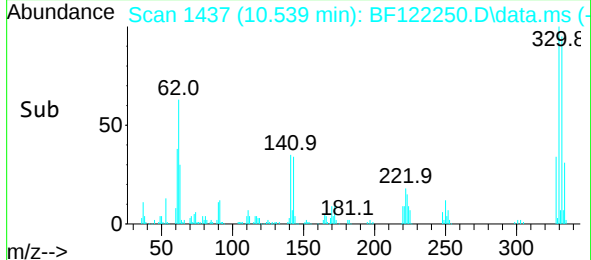
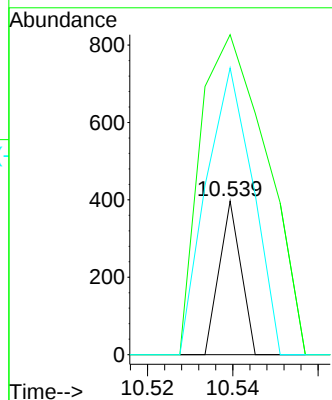
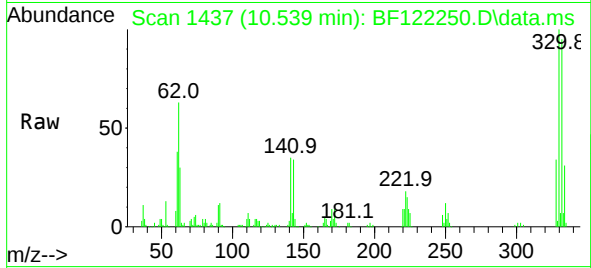




#65
4,6-Dinitro-2-methylphenol
Concen: 4.49 ng
RT: 10.539 min Scan# 1437
Delta R.T. 0.165 min
Lab File: BF122250.D
Acq: 3 Nov 2020 20:06

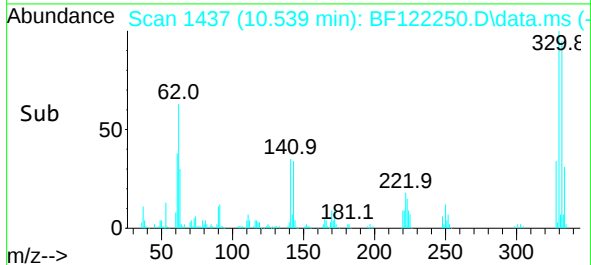
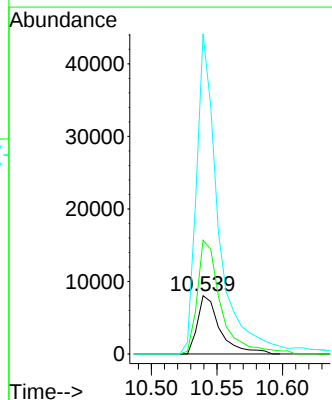
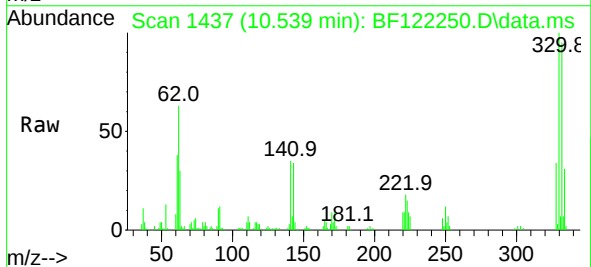
Instrument :
BNA_F
ClientSampled :
CRT-19

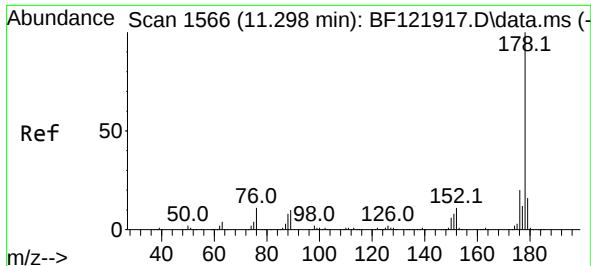
Tgt Ion:198 Resp: 140
Ion Ratio Lower Upper
198 100
51 208.3 29.6 69.6#
105 186.6 24.4 64.4#



#67
4-Bromophenyl-phenylether
Concen: 2.73 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.235 min
Lab File: BF122250.D
Acq: 3 Nov 2020 20:06

Tgt Ion:248 Resp: 9626
Ion Ratio Lower Upper
248 100
250 195.1 77.0 115.6#
141 549.1 53.7 80.5#

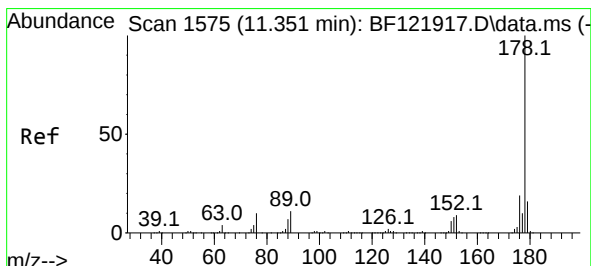
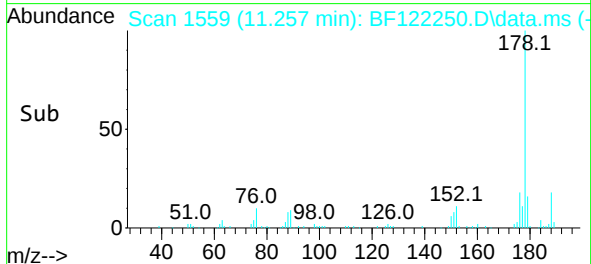
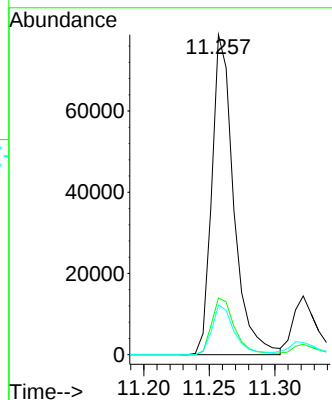
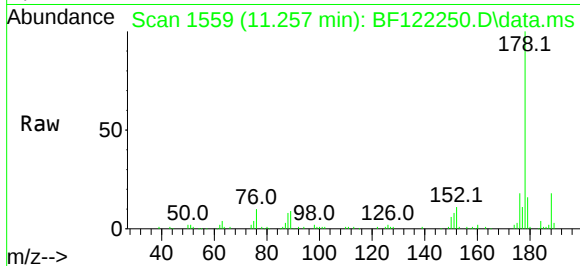




#71
Phenanthrene
Concen: 5.46 ng
RT: 11.257 min Scan# 1559
Delta R.T. -0.006 min
Lab File: BF122250.D
Acq: 3 Nov 2020 20:06

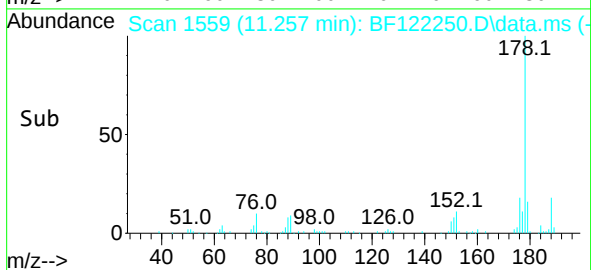
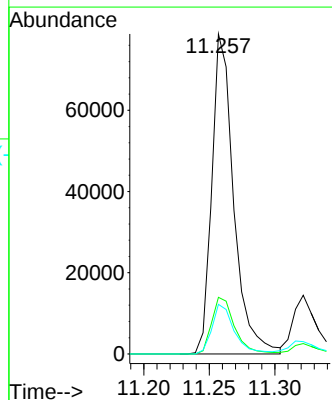
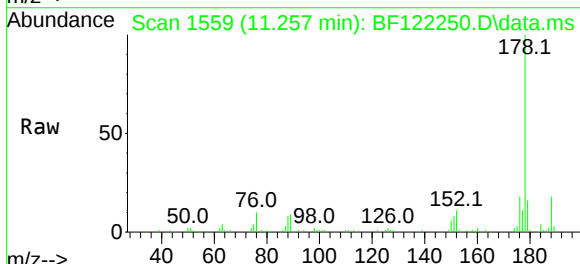
Instrument :
BNA_F
ClientSampleId :
CRT-19

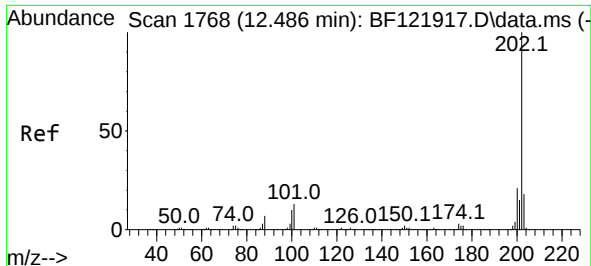
Tgt Ion:178 Resp: 91404
Ion Ratio Lower Upper
178 100
176 17.7 15.9 23.9
179 15.5 12.2 18.4



#72
Anthracene
Concen: 5.26 ng
RT: 11.257 min Scan# 1559
Delta R.T. -0.059 min
Lab File: BF122250.D
Acq: 3 Nov 2020 20:06

Tgt Ion:178 Resp: 91404
Ion Ratio Lower Upper
178 100
176 17.7 15.7 23.5
179 15.5 12.7 19.1

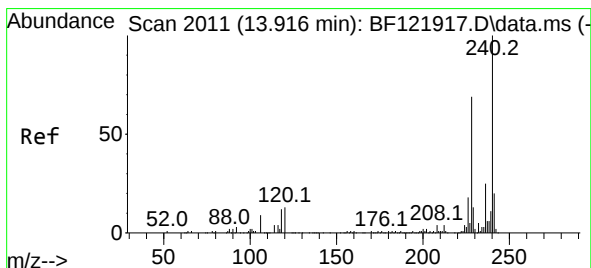
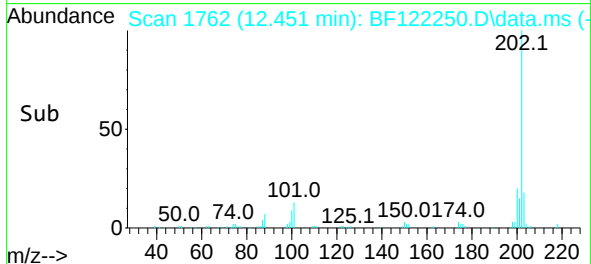
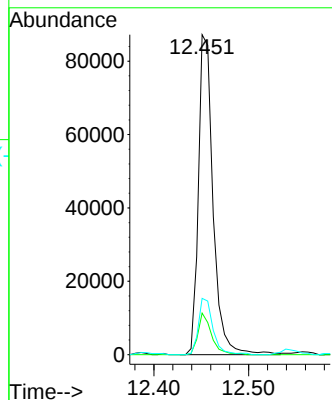
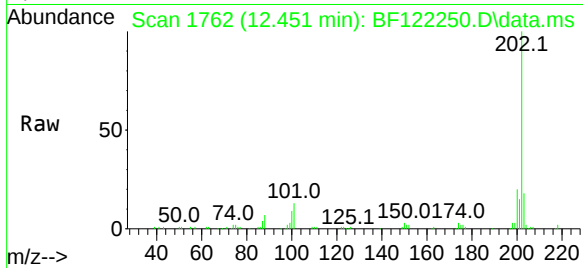




#75
Fluoranthene
Concen: 5.24 ng
RT: 12.451 min Scan# 1762
Delta R.T. 0.000 min
Lab File: BF122250.D
Acq: 3 Nov 2020 20:06

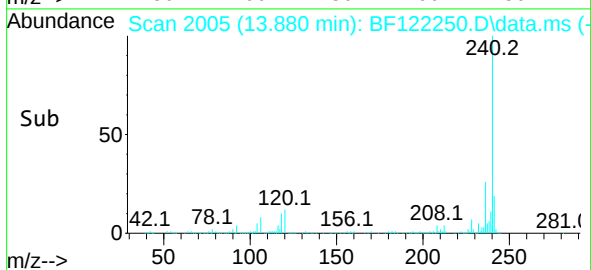
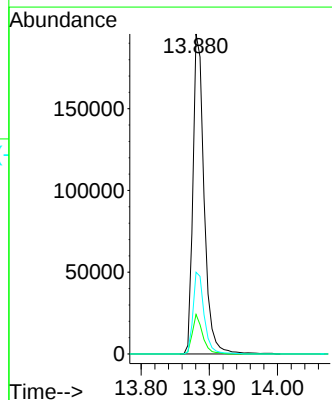
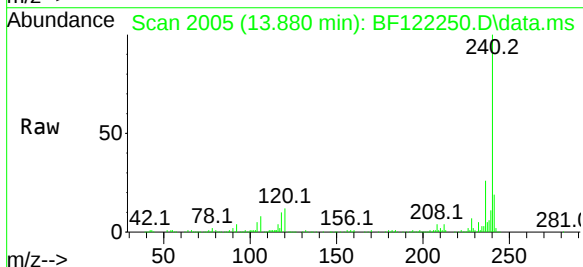
Instrument :
BNA_F
ClientSampleId :
CRT-19

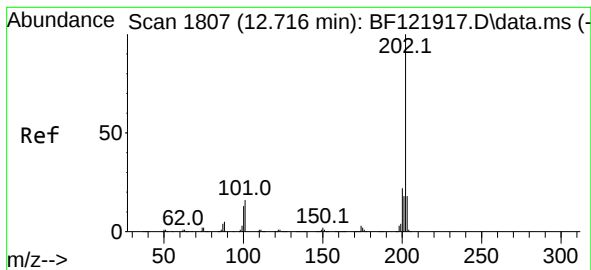
Tgt Ion:202 Resp: 94083
Ion Ratio Lower Upper
202 100
101 13.0 0.0 33.4
203 17.6 0.0 37.9



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.880 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BF122250.D
Acq: 3 Nov 2020 20:06

Tgt Ion:240 Resp: 221238
Ion Ratio Lower Upper
240 100
120 12.4 9.2 13.8
236 25.5 20.9 31.3





#78

Pyrene

Concen: 5.01 ng

RT: 12.680 min Scan# 1801

Delta R.T. 0.000 min

Lab File: BF122250.D

Acq: 3 Nov 2020 20:06

Tgt Ion:202 Resp: 84457

Ion Ratio Lower Upper

202 100

200 20.9 17.4 26.2

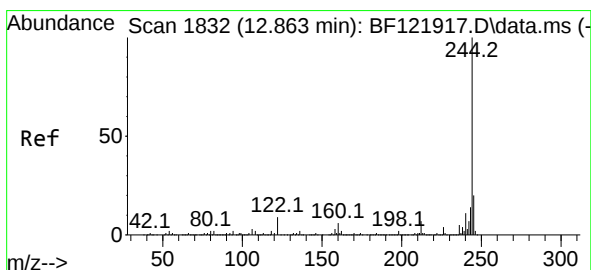
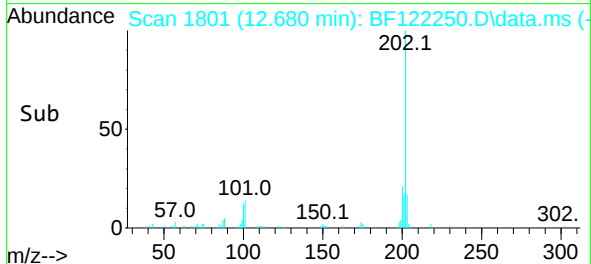
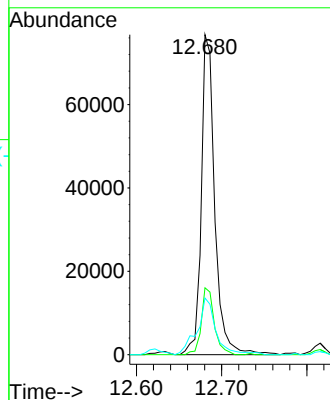
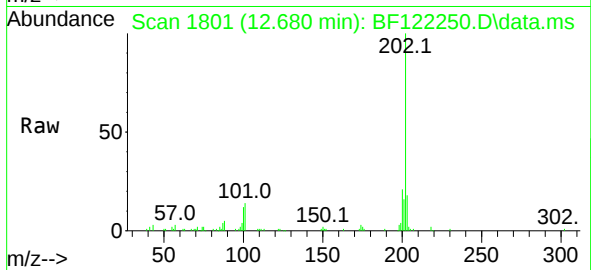
203 17.7 14.6 21.8

Instrument :

BNA_F

ClientSampleId :

CRT-19



#79

Terphenyl-d14

Concen: 57.24 ng

RT: 12.816 min Scan# 1824

Delta R.T. 0.000 min

Lab File: BF122250.D

Acq: 3 Nov 2020 20:06

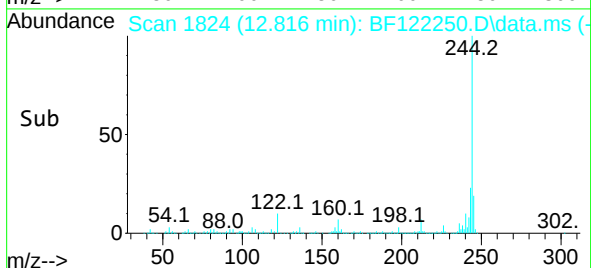
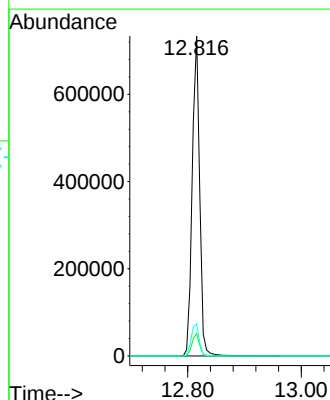
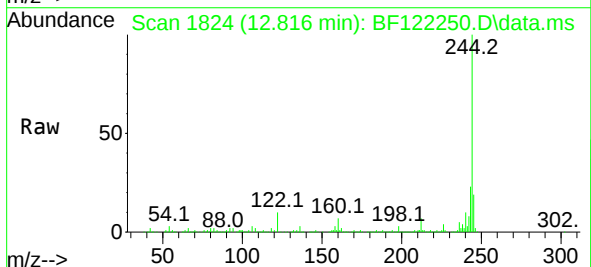
Tgt Ion:244 Resp: 664496

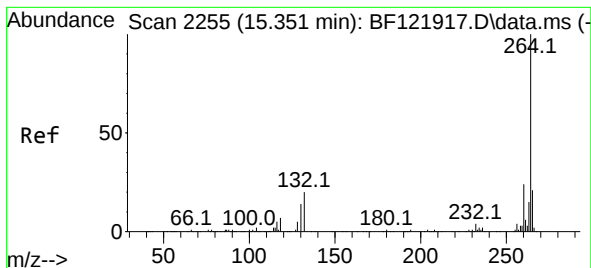
Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

122 10.0 8.1 12.1

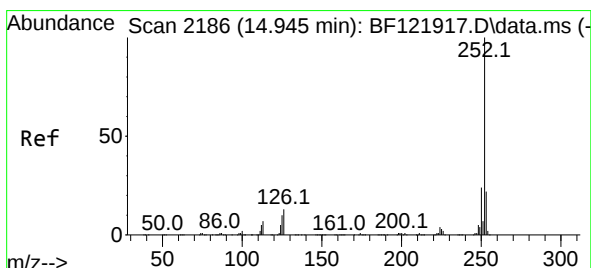
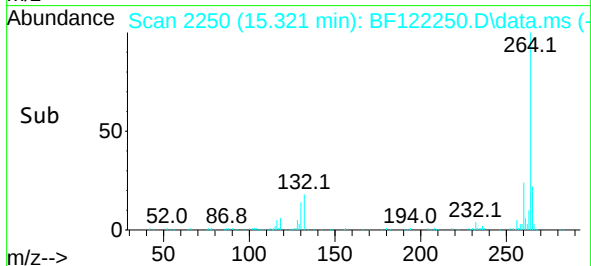
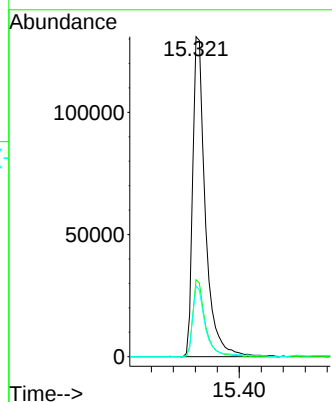
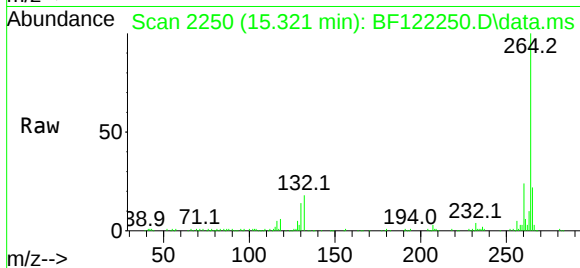




#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.321 min Scan# 2250
 Delta R.T. 0.018 min
 Lab File: BF122250.D
 Acq: 3 Nov 2020 20:06

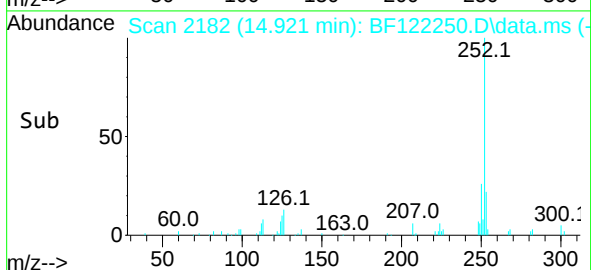
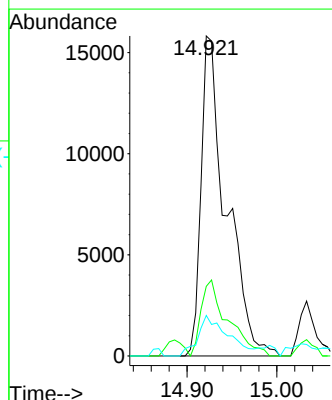
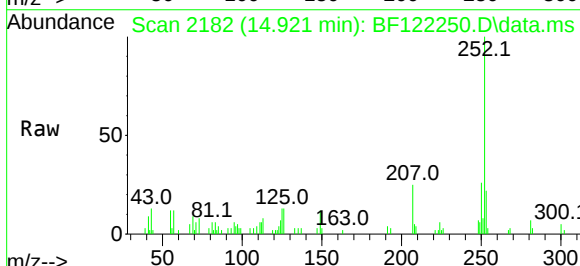
Instrument :
 BNA_F
 ClientSampleId :
 CRT-19

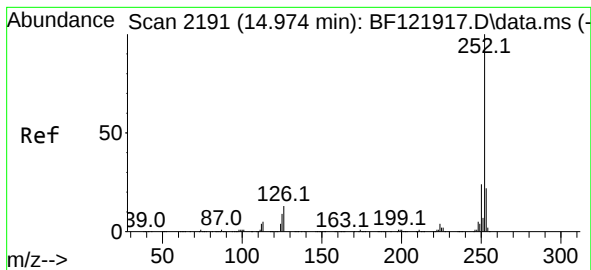
Tgt Ion:264 Resp: 209463
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.7 28.1
 265 22.0 17.3 25.9



#88
 Benzo(b)fluoranthene
 Concen: 2.17 ng
 RT: 14.921 min Scan# 2182
 Delta R.T. 0.024 min
 Lab File: BF122250.D
 Acq: 3 Nov 2020 20:06

Tgt Ion:252 Resp: 30707
 Ion Ratio Lower Upper
 252 100
 253 21.8 18.2 27.2
 125 12.6 8.0 12.0#





#89

Benzo(k)fluoranthene

Concen: 2.28 ng

RT: 14.921 min Scan# 2182

Delta R.T. -0.006 min

Lab File: BF122250.D

Acq: 3 Nov 2020 20:06

Tgt Ion:252 Resp: 30707

Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.6

125 12.6 7.7 11.5#

