

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042020\
 Data File : BF120090.D
 Acq On : 20 Apr 2020 20:56
 Operator : MA/SJ
 Sample : L2314-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 21 01:10:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 20 14:10:57 2020
 Response via : Initial Calibration

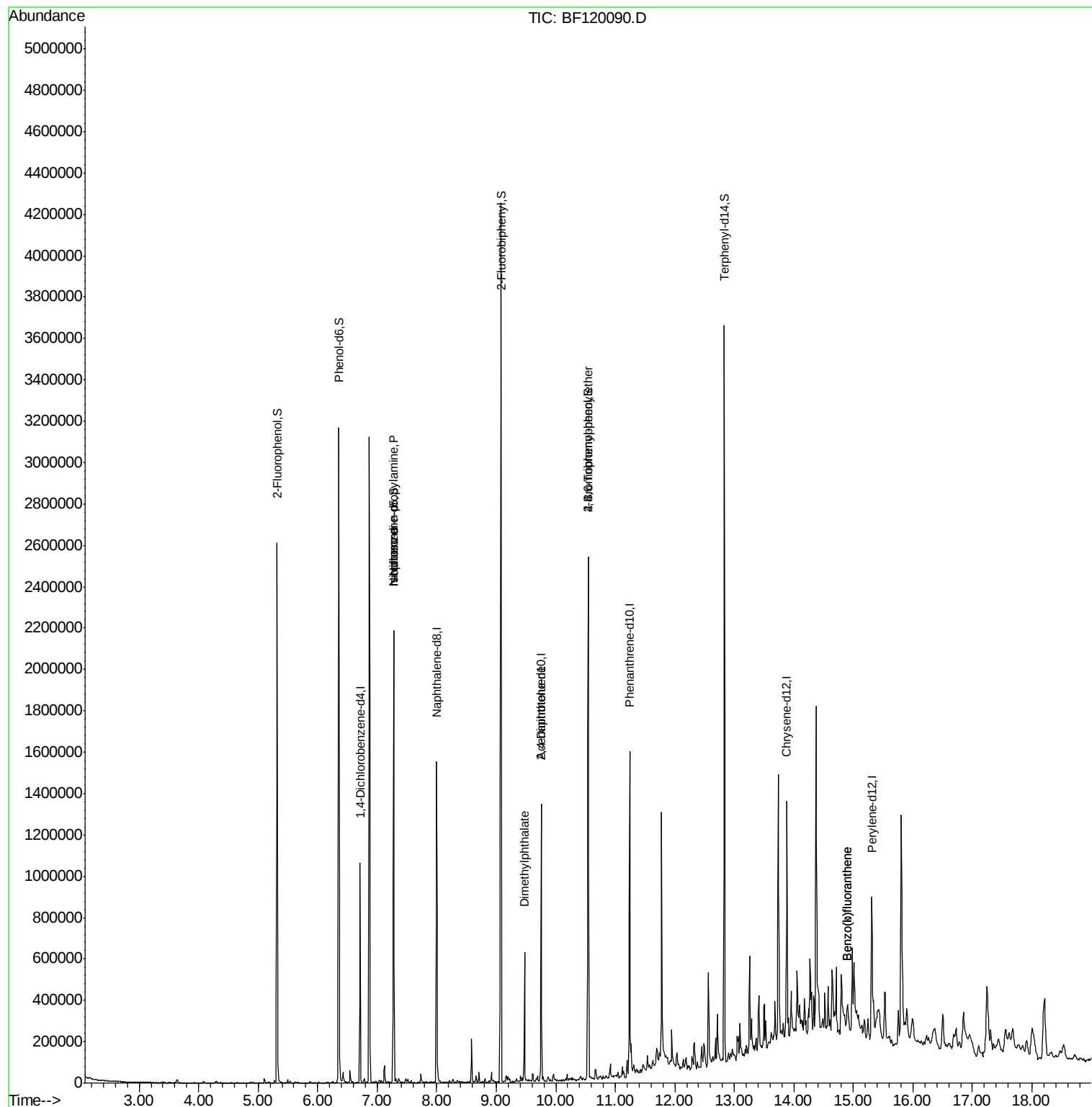
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	151725	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	606883	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	274304	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	529558	20.00	ng	-0.01
76) Chrysene-d12	13.88	240	374649	20.00	ng	-0.02
87) Perylene-d12	15.31	264	289843	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	736533	83.89	ng	0.00
7) Phenol-d6	6.36	99	1056937	93.43	ng	0.00
23) Nitrobenzene-d5	7.28	82	659785	56.24	ng	-0.01
42) 2,4,6-Tribromophenol	10.54	330	255780	76.16	ng	-0.01
45) 2-Fluorobiphenyl	9.08	172	1257926	65.11	ng	0.00
79) Terphenyl-d14	12.83	244	1192572	53.56	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.26	77	1511	Below Cal	Qvalue	# 31
19) n-Nitroso-di-n-propylamine	7.28	70	86081	11.833 ng	#	78
25) Isophorone	7.28	82	653929	28.917 ng	#	65
50) Dimethylphthalate	9.47	163	218789	10.312 ng		100
57) 2,4-Dinitrotoluene	9.76	165	34261	5.597 ng	#	24
67) 4-Bromophenyl-phenylether	10.54	248	16436	2.496 ng	#	1
88) Benzo(b)fluoranthene	14.90	252	70887	3.400 ng	#	95
89) Benzo(k)fluoranthene	14.90	252	70887	3.940 ng	#	95

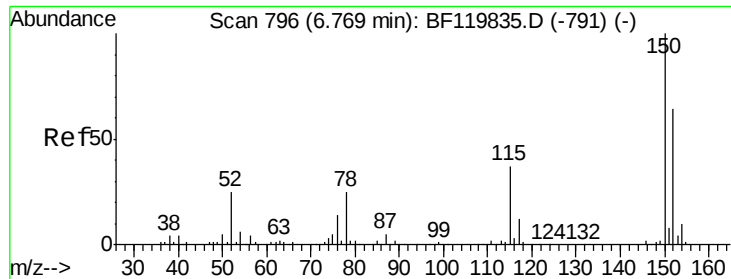
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042020\
Data File : BF120090.D
Acq On : 20 Apr 2020 20:56
Operator : MA/SJ
Sample : L2314-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 21 01:10:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 20 14:10:57 2020
Response via : Initial Calibration



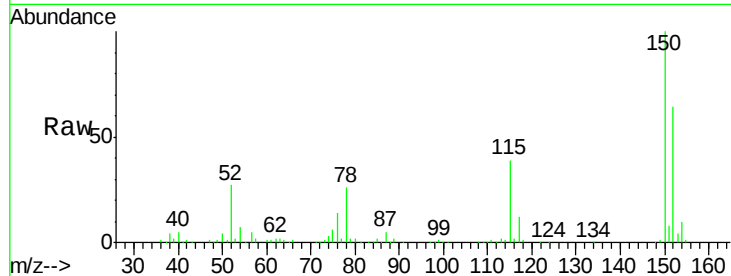


#1

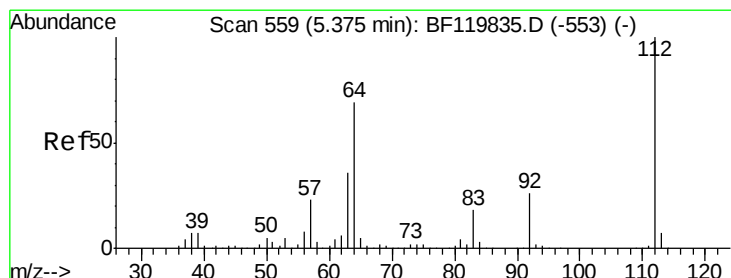
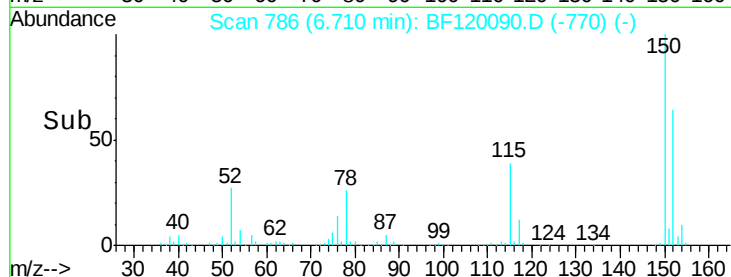
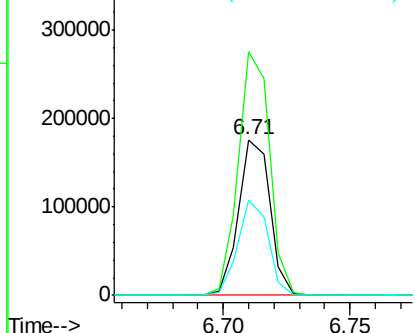
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF120090.D
Acq: 20 Apr 2020 20:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 151725
Ion Ratio Lower Upper
152 100
150 156.4 124.8 187.2
115 61.4 46.5 69.7



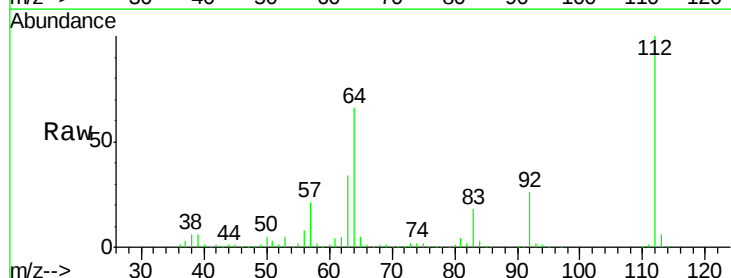
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



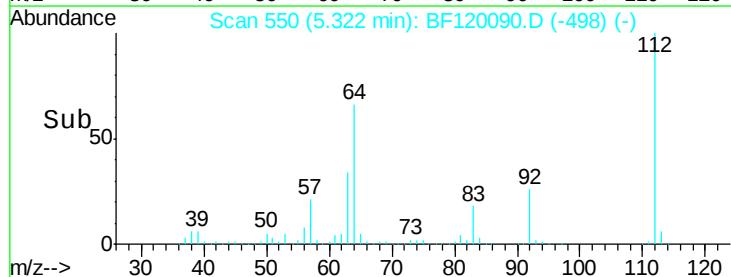
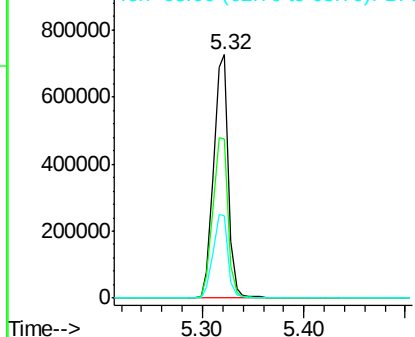
#5

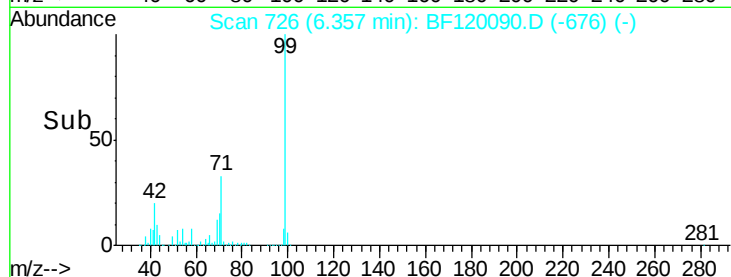
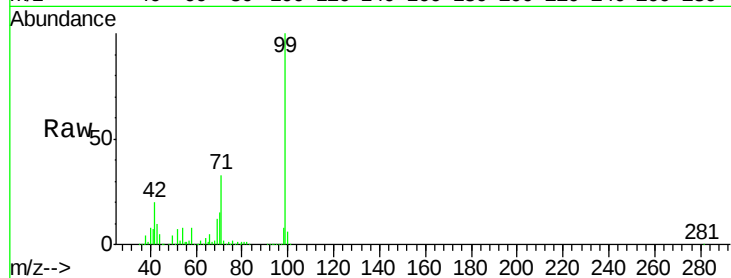
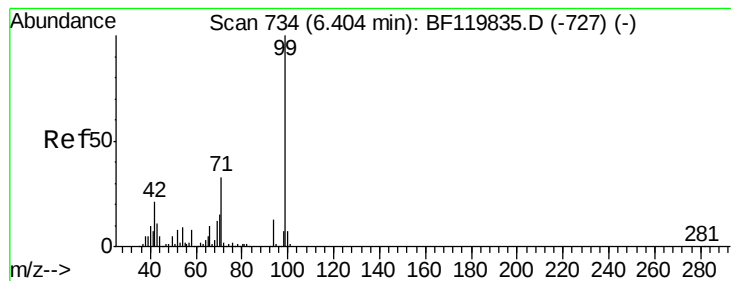
2-Fluorophenol
Concen: 83.893 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF120090.D
Acq: 20 Apr 2020 20:56

Tgt Ion:112 Resp: 736533
Ion Ratio Lower Upper
112 100
64 65.6 55.5 83.3
63 33.9 29.1 43.7



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 93.429 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF120090.D

Acq: 20 Apr 2020 20:56

Instrument :

BNA_F

ClientSampleId :

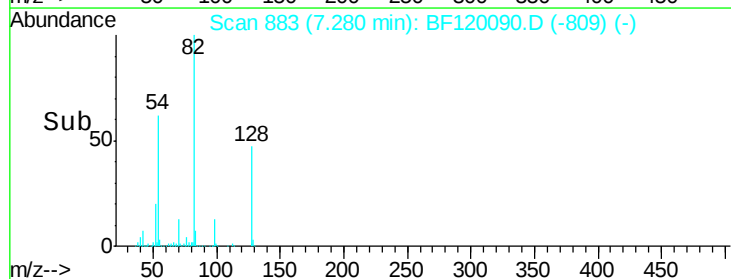
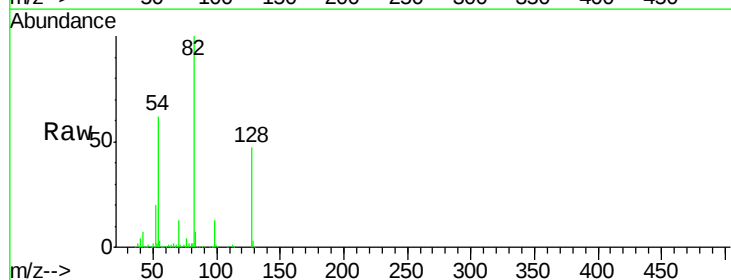
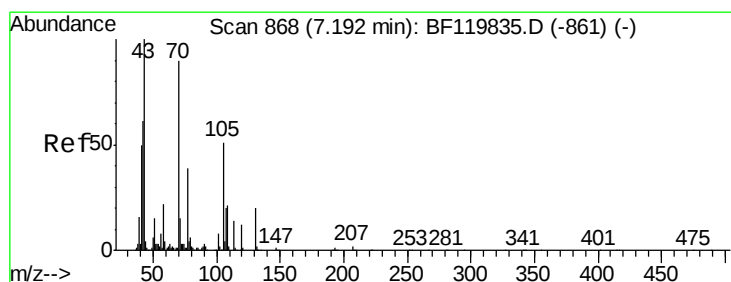
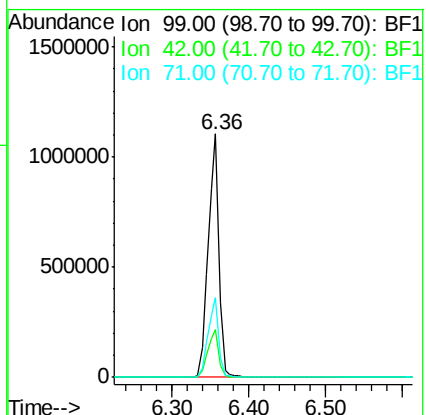
Tot Ion: 99 Resp: 1056937

Ion Ratio Lower Upper

99 100

42 19.7 16.9 25.3

71 32.7 26.3 39.5



#19

n-Nitroso-di-n-propylamine

Concen: 11.833 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.14 min

Lab File: BF120090.D

Acq: 20 Apr 2020 20:56

Tgt Ion: 70 Resp: 86081

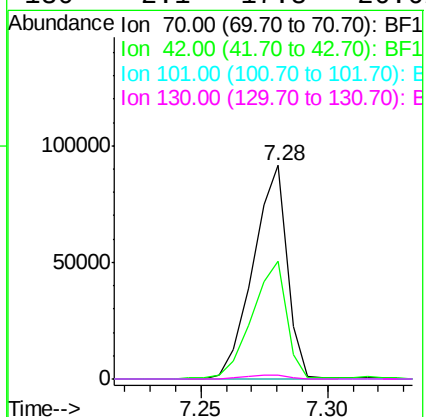
Ion Ratio Lower Upper

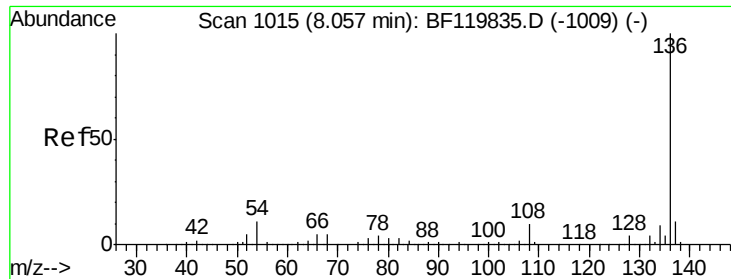
70 100

42 55.4 54.2 81.4

101 0.0 7.4 11.2#

130 2.1 17.8 26.6#

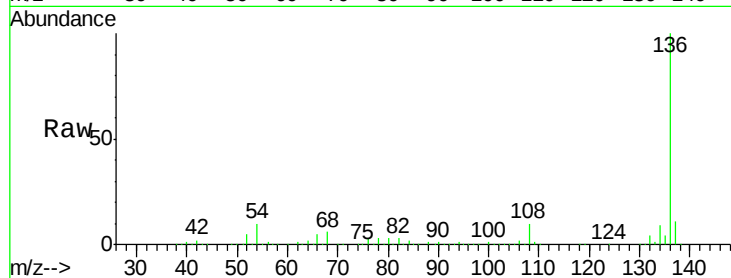




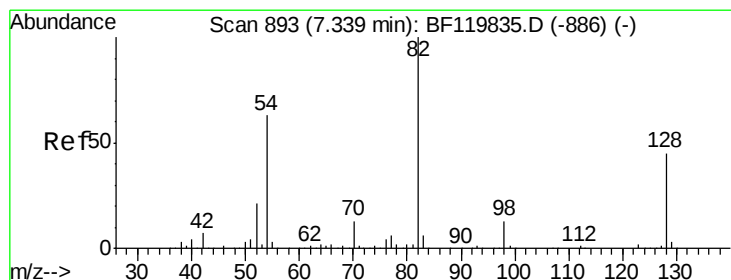
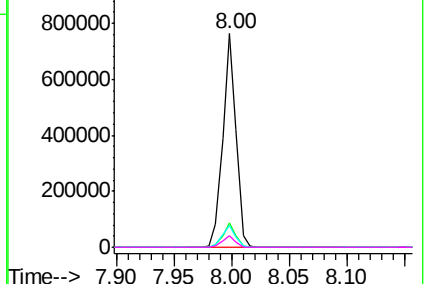
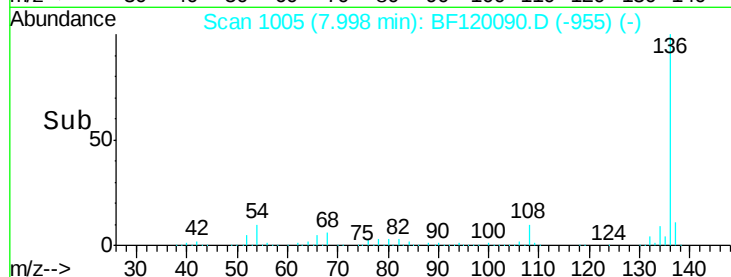
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF120090.D
Acq: 20 Apr 2020 20:56

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	606883
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.7 13.1
54	10.1	8.5 12.7
68	5.7	3.9 5.9

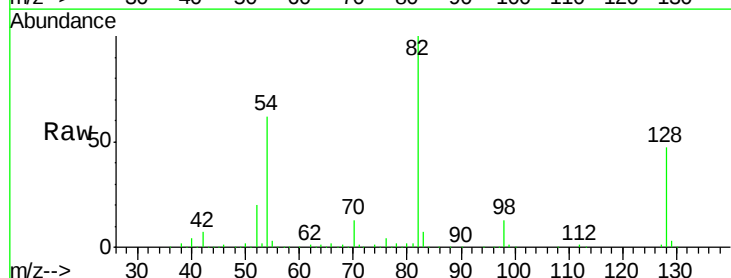


Abundance Ion 136.00 (135.70 to 136.70): E
1200000
Ion 137.00 (136.70 to 137.70): E
1000000
Ion 54.00 (53.70 to 54.70): BF1
800000
Ion 68.00 (67.70 to 68.70): BF1
600000
400000
200000
0

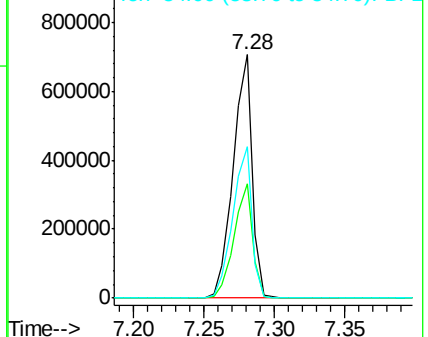
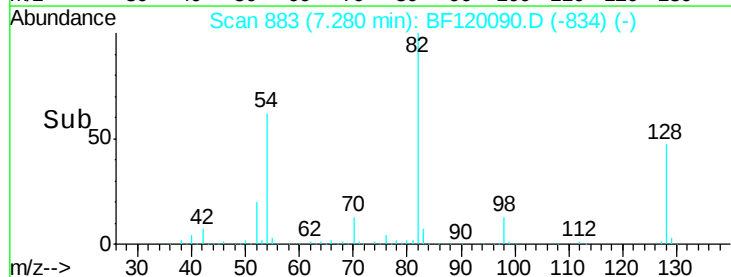


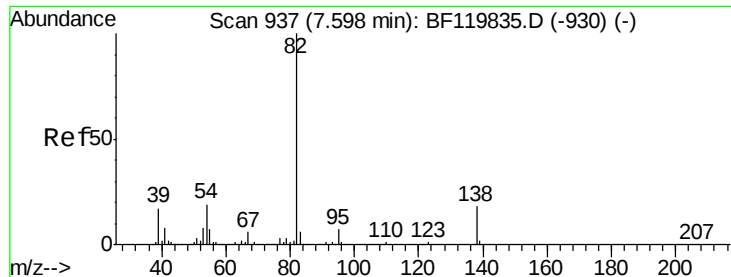
#23
Nitrobenzene-d5
Concen: 56.243 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF120090.D
Acq: 20 Apr 2020 20:56

Tgt Ion: 82	Resp:	659785
Ion Ratio	Lower	Upper
82	100	
128	46.8	36.2 54.4
54	62.1	50.4 75.6



Abundance Ion 82.00 (81.70 to 82.70): BF1
800000
Ion 128.00 (127.70 to 128.70): E
600000
Ion 54.00 (53.70 to 54.70): BF1
400000
200000
0





#25

Isophorone

Concen: 28.917 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.27 min

Lab File: BF120090.D

Acq: 20 Apr 2020 20:56

Instrument :

BNA_F

ClientSampled :

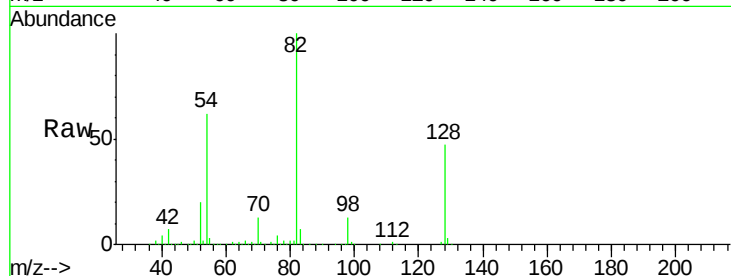
Tot Ion: 82 Resp: 653929

Ion Ratio Lower Upper

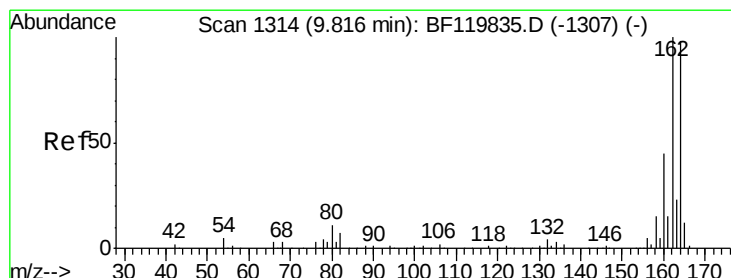
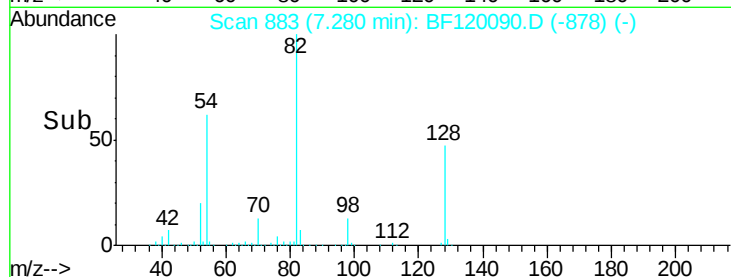
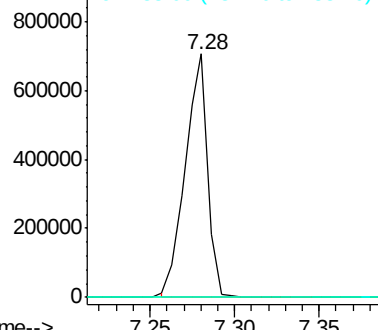
82 100

95 0.0 5.8 8.6#

138 0.0 14.5 21.7#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF120090.D

Acq: 20 Apr 2020 20:56

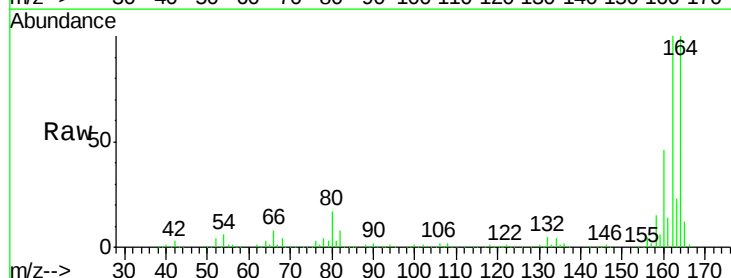
Tgt Ion: 164 Resp: 274304

Ion Ratio Lower Upper

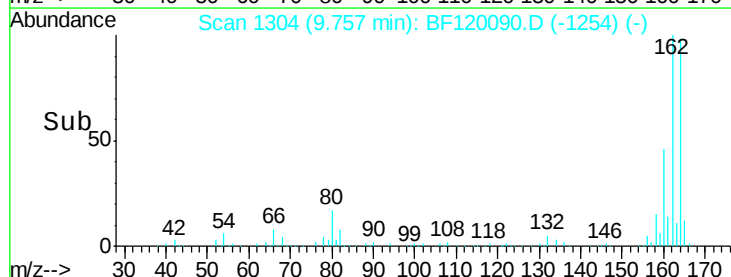
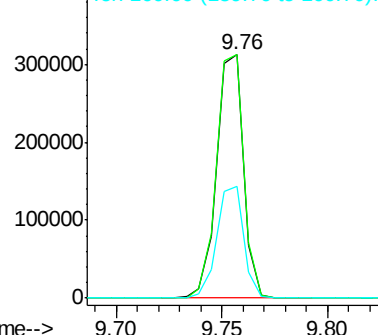
164 100

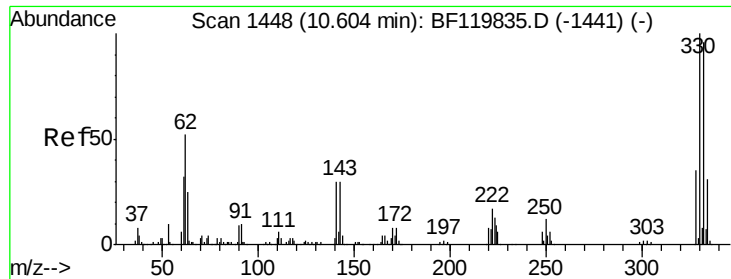
162 100.2 81.9 122.9

160 46.0 36.6 54.8



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

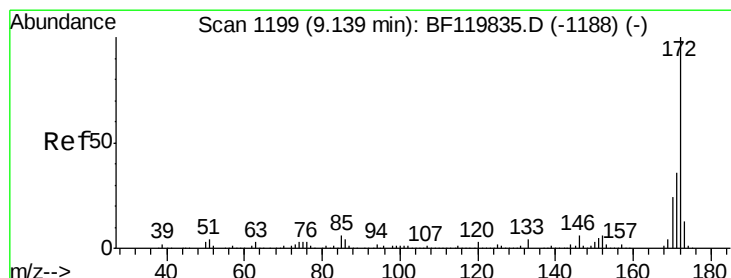
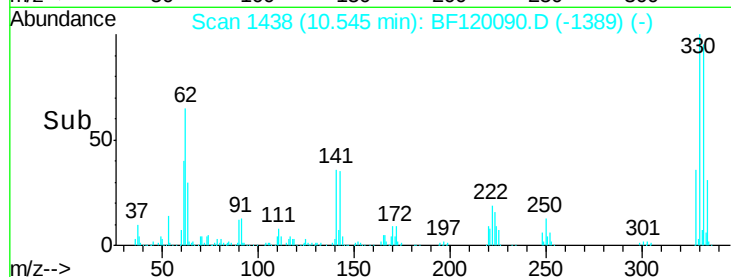
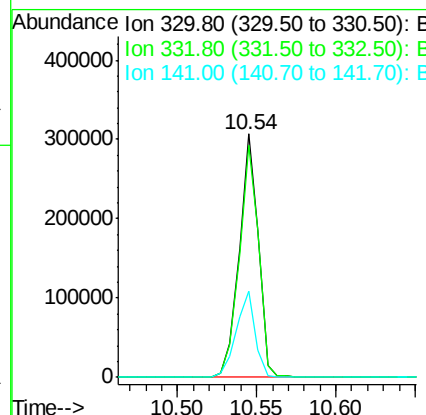
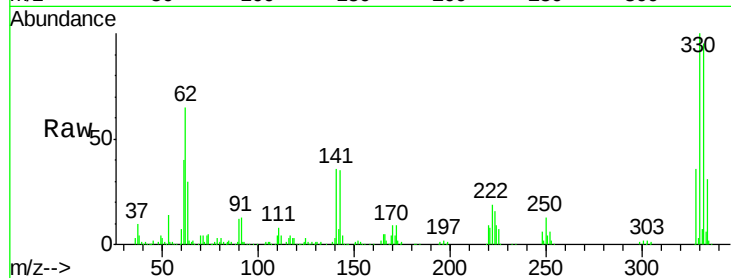




#42
 2,4,6-Tribromophenol
 Concen: 76.161 ng
 RT: 10.54 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF120090.D
 Acq: 20 Apr 2020 20:56

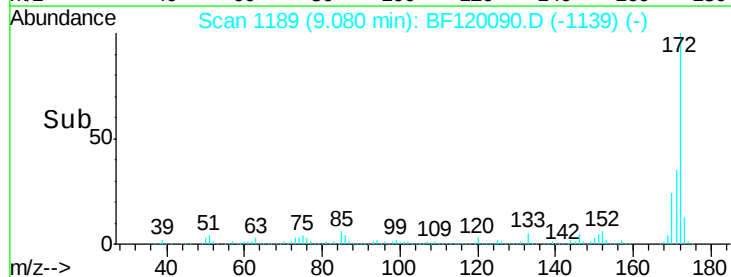
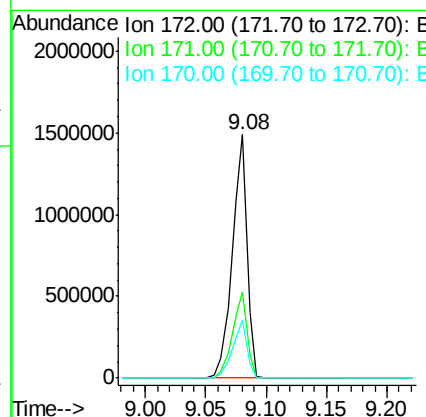
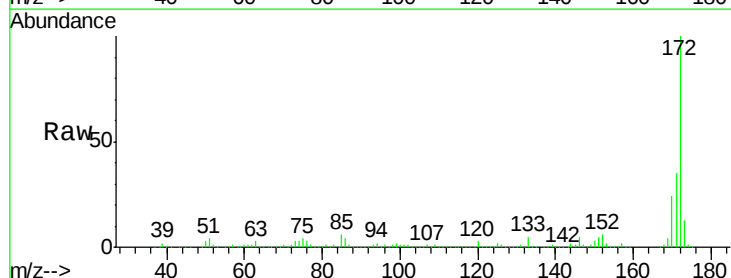
Instrument :
 BNA_F
 ClientSampleId :

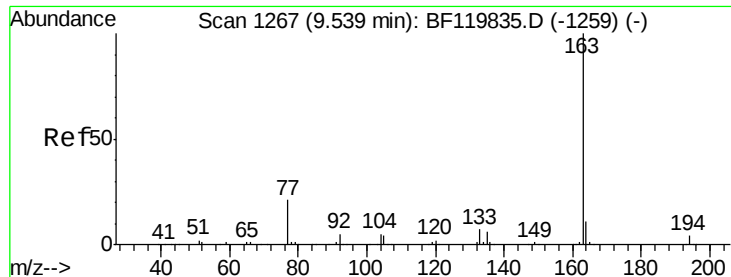
Tot Ion:330 Resp: 255780
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.8 115.2
 141 35.5 25.1 37.7



#45
 2-Fluorobiphenyl
 Concen: 65.110 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF120090.D
 Acq: 20 Apr 2020 20:56

Tgt Ion:172 Resp: 1257926
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.9 43.3
 170 23.7 19.4 29.2

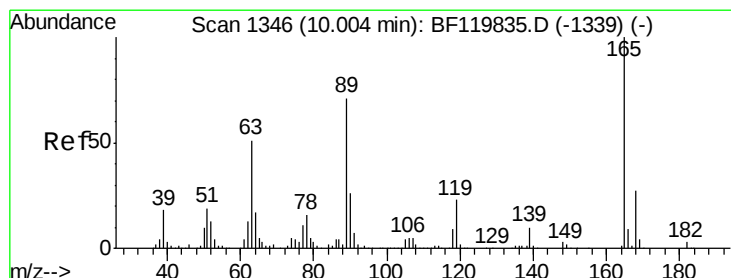
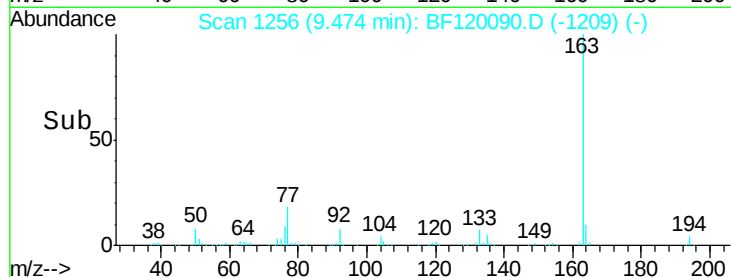
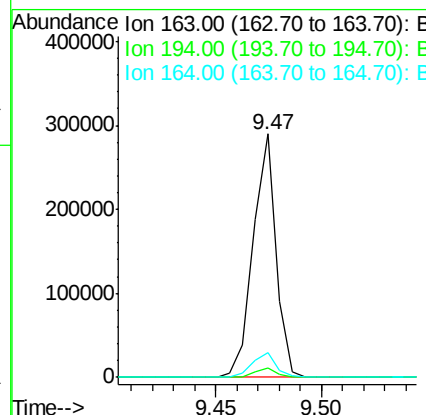
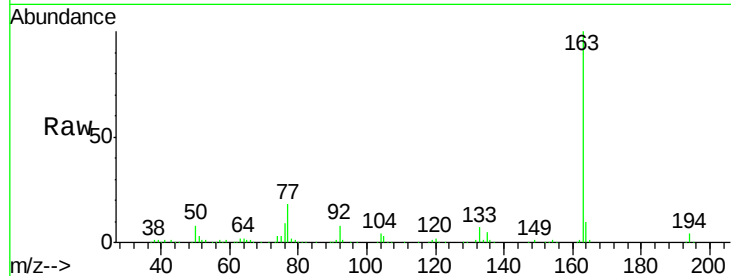




#50
Dimethylphthalate
Concen: 10.312 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF120090.D
Acq: 20 Apr 2020 20:56

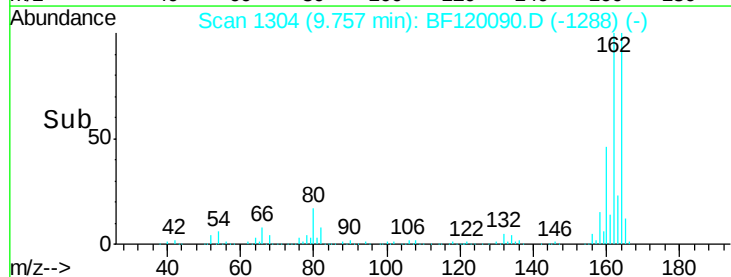
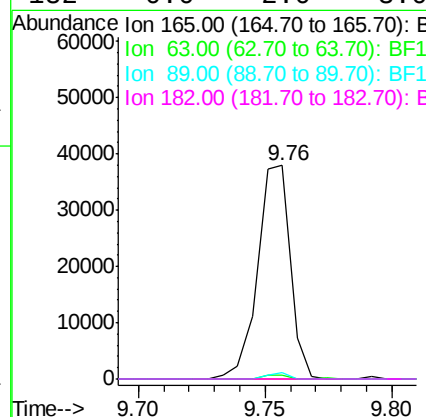
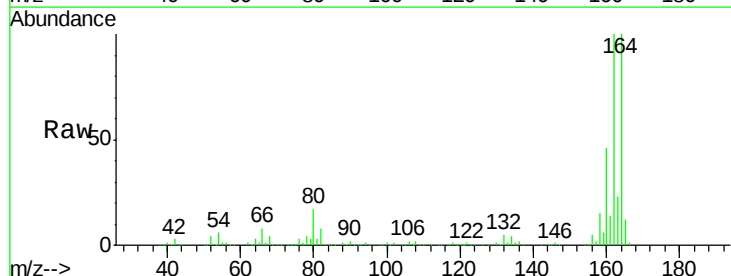
Instrument :
BNA_F
ClientSampleId :

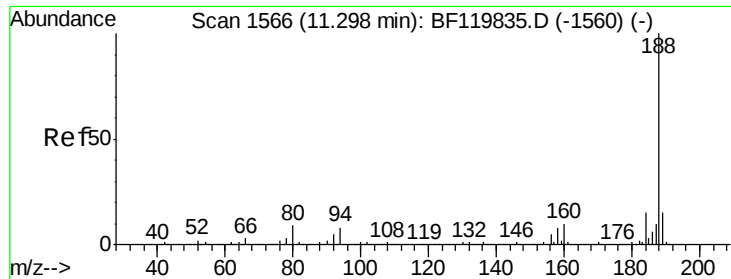
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.4
164	10.3	8.4	12.6



#57
2,4-Dinitrotoluene
Concen: 5.597 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.21 min
Lab File: BF120090.D
Acq: 20 Apr 2020 20:56

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	40.8	61.2#
89	2.9	56.9	85.3#
182	0.0	2.0	3.0#

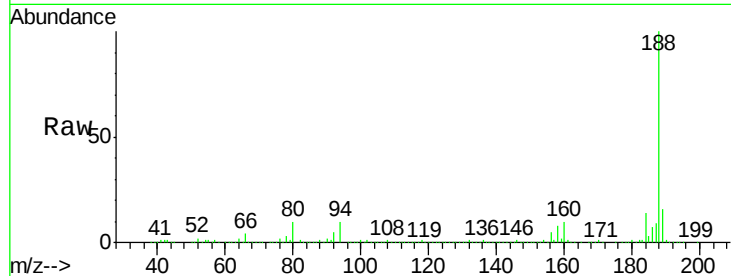




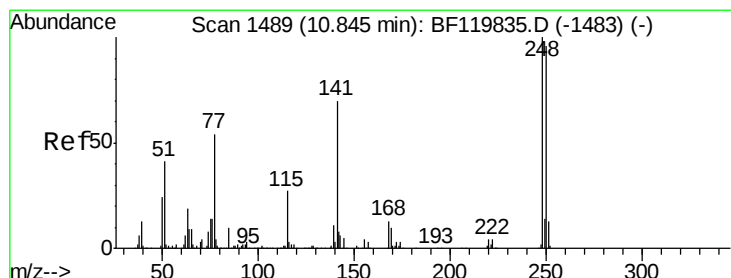
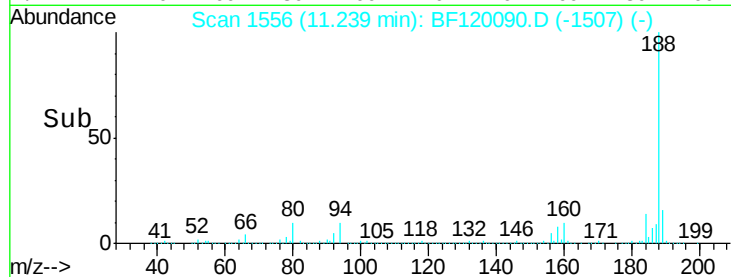
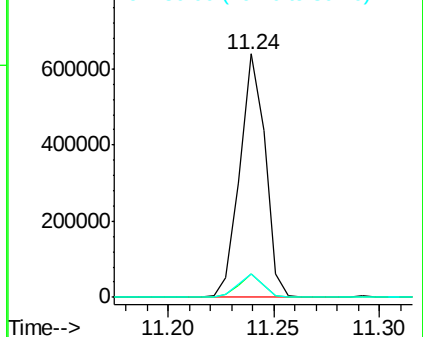
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF120090.D
 Acq: 20 Apr 2020 20:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 529558
 Ion Ratio Lower Upper
 188 100
 94 9.6 6.7 10.1
 80 9.9 7.4 11.2

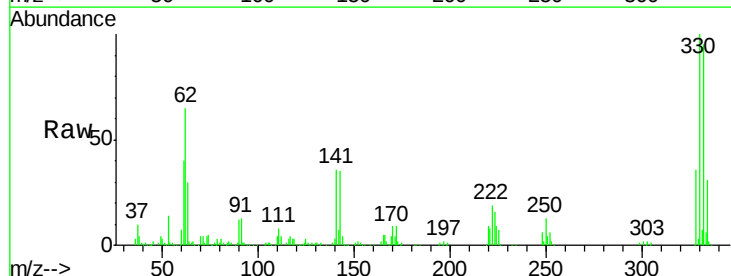


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

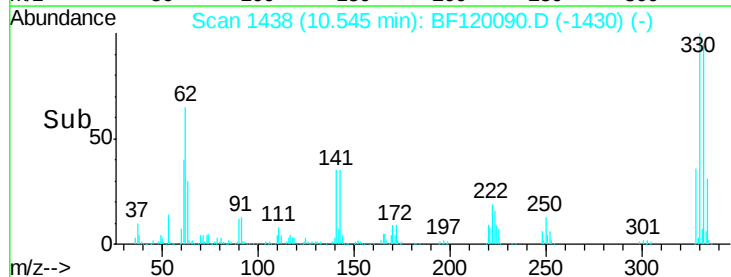
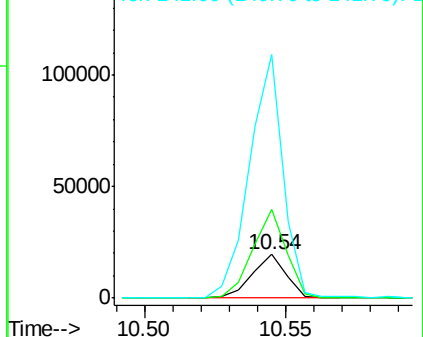


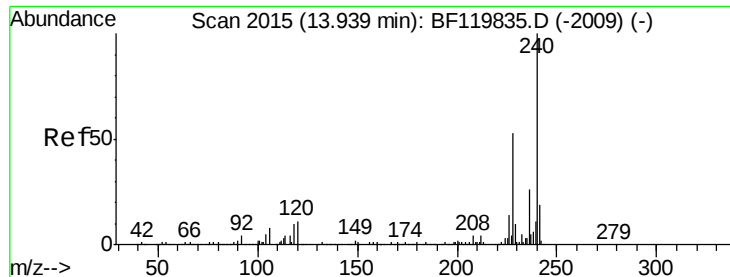
#67
 4-Bromophenyl-phenylether
 Concen: 2.496 ng
 RT: 10.54 min Scan# 1438
 Delta R.T. -0.25 min
 Lab File: BF120090.D
 Acq: 20 Apr 2020 20:56

Tgt Ion:248 Resp: 16436
 Ion Ratio Lower Upper
 248 100
 250 202.8 76.6 114.8#
 141 554.7 55.9 83.9#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.88 min Scan# 2005

Delta R.T. -0.02 min

Lab File: BF120090.D

Acq: 20 Apr 2020 20:56

Instrument :

BNA_F

ClientSampled :

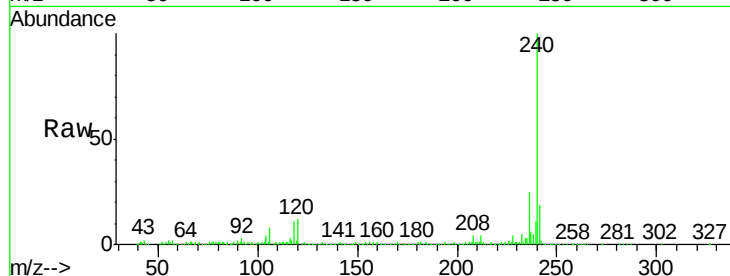
Tot Ion:240 Resp: 374649

Ion Ratio Lower Upper

240 100

120 11.8 9.0 13.6

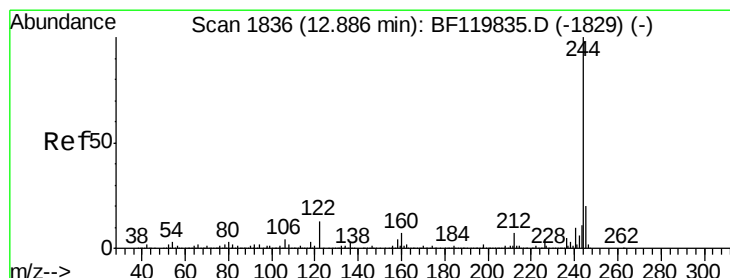
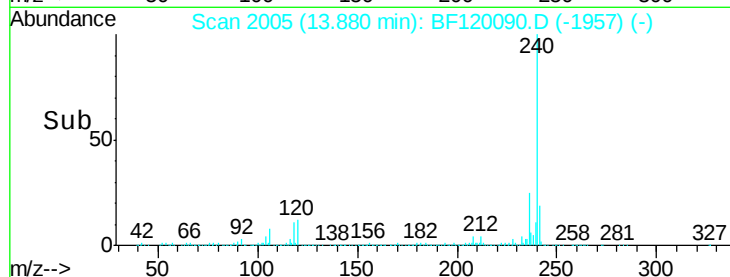
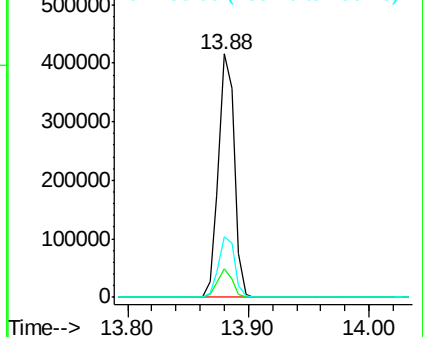
236 25.1 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#79

Terphenyl-d14

Concen: 53.562 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BF120090.D

Acq: 20 Apr 2020 20:56

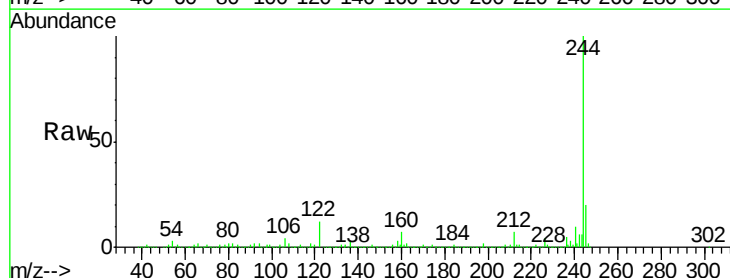
Tgt Ion:244 Resp: 1192572

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

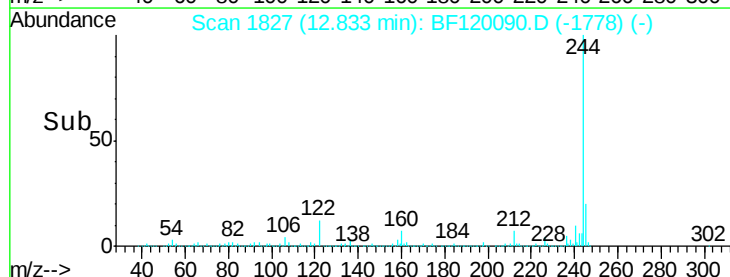
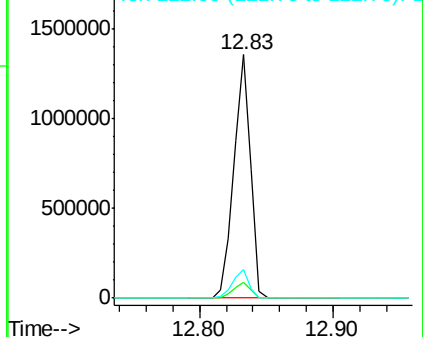
122 11.8 10.3 15.5

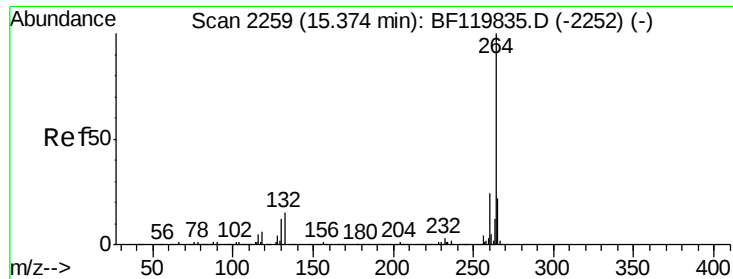


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.31 min Scan# 2248

Delta R.T. -0.01 min

Lab File: BF120090.D

Acq: 20 Apr 2020 20:56

Instrument :

BNA_F

ClientSampleId :

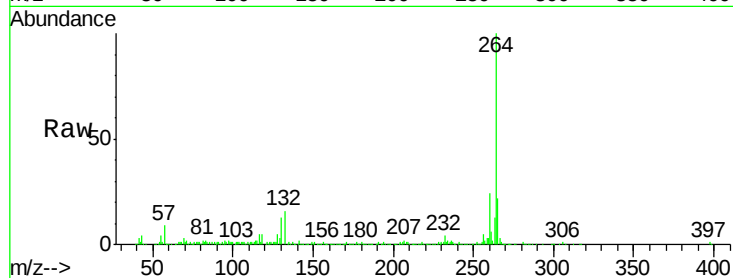
Tot Ion:264 Resp: 289843

Ion Ratio Lower Upper

264 100

260 23.6 19.3 28.9

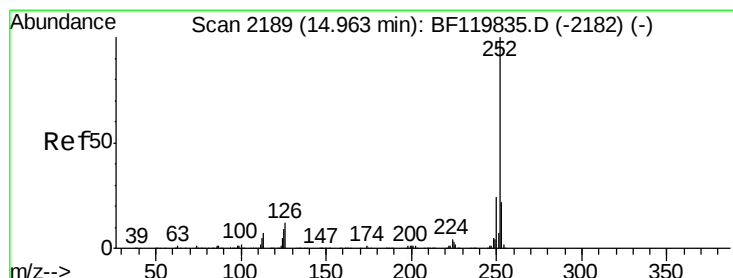
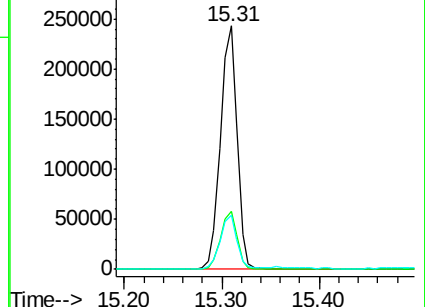
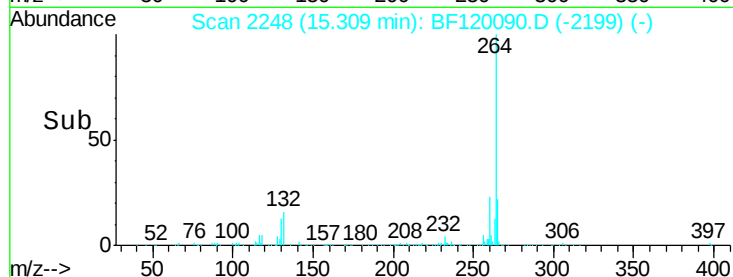
265 22.5 17.6 26.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 3.400 ng

RT: 14.90 min Scan# 2178

Delta R.T. -0.02 min

Lab File: BF120090.D

Acq: 20 Apr 2020 20:56

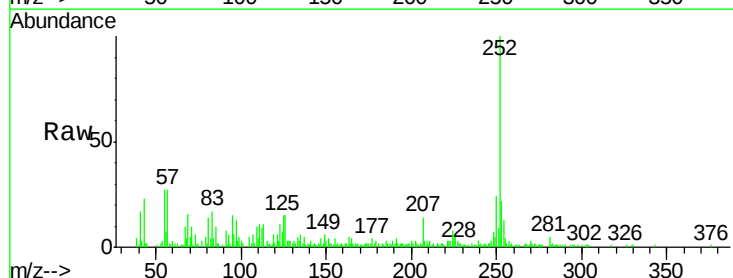
Tgt Ion:252 Resp: 70887

Ion Ratio Lower Upper

252 100

253 22.4 17.7 26.5

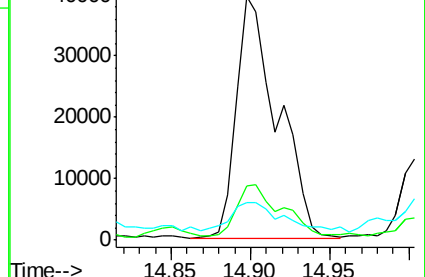
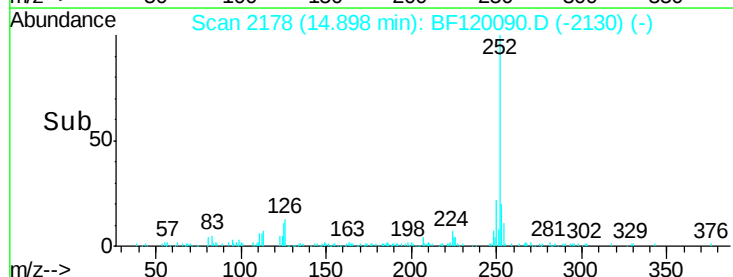
125 15.3 7.4 11.2#

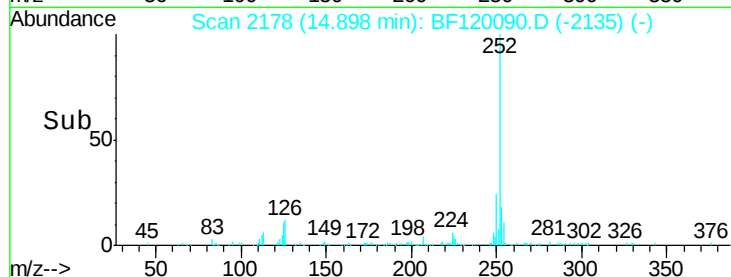
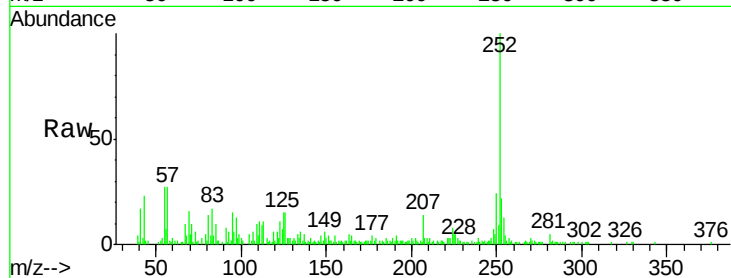
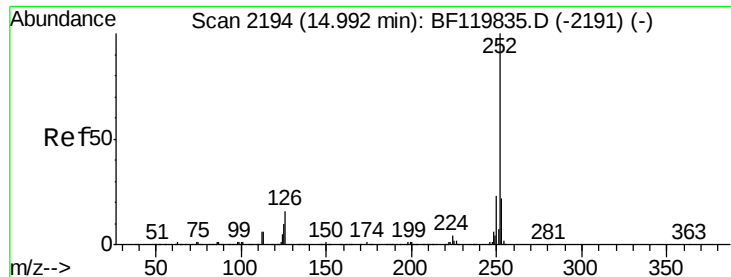


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 3.940 ng

RT: 14.90 min Scan# 2178

Delta R.T. -0.05 min

Lab File: BF120090.D

Acq: 20 Apr 2020 20:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion:252 Resp: 70887

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.8

125 15.3 7.7 11.5#

