

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041720\
 Data File : BF120057.D
 Acq On : 17 Apr 2020 14:20
 Operator : MA/SJ
 Sample : L2245-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 18 01:19:35 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 17 10:51:37 2020
 Response via : Initial Calibration

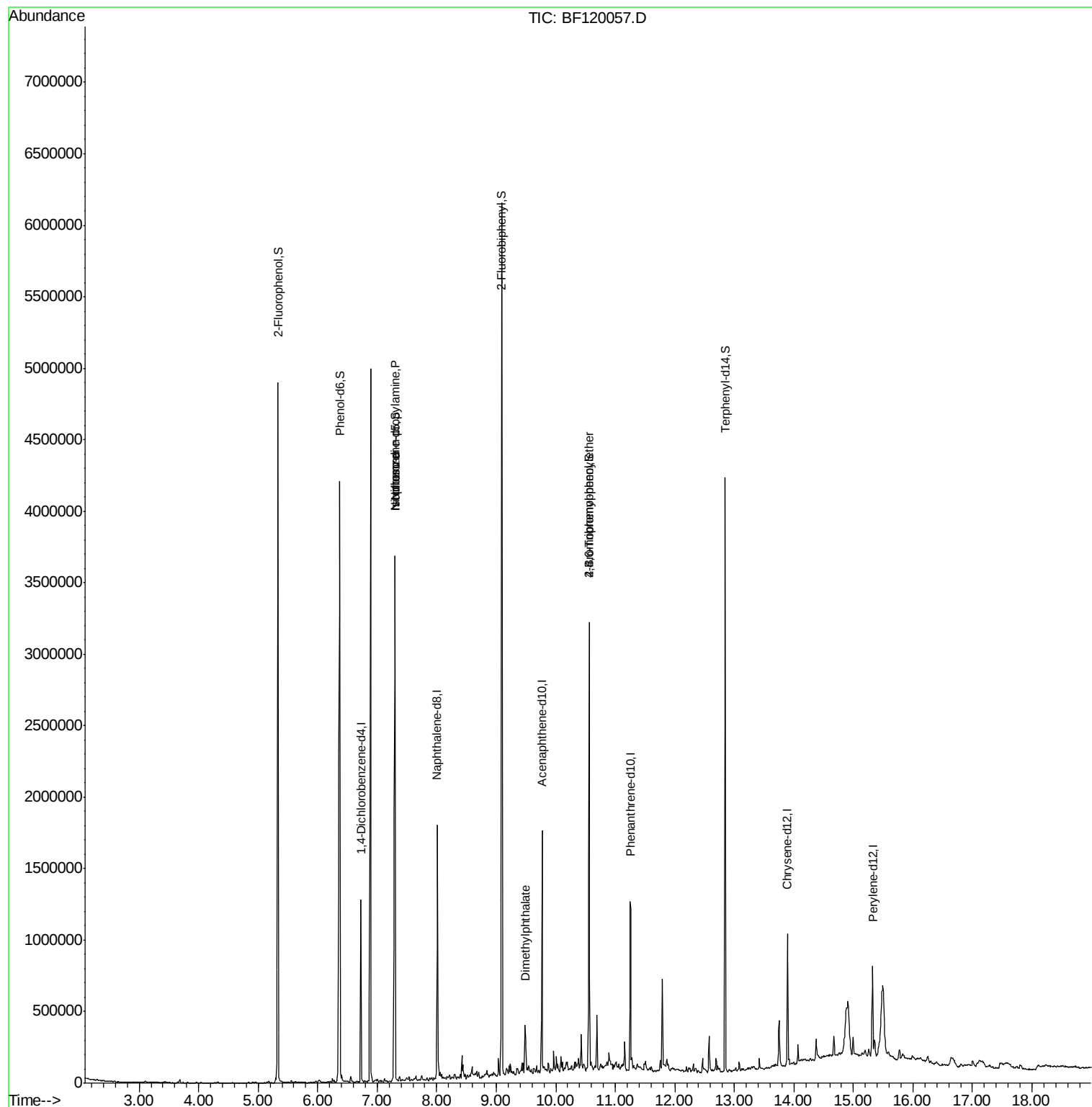
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	190262	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	690697	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	309958	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	459208	20.00	ng	0.00
76) Chrysene-d12	13.89	240	293784	20.00	ng	-0.01
87) Perylene-d12	15.32	264	269582	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1563487	142.01	ng	0.00
7) Phenol-d6	6.37	99	1987821	140.12	ng	0.00
23) Nitrobenzene-d5	7.30	82	1199813	89.87	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	372612	98.19	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	2113676	96.82	ng	0.00
79) Terphenyl-d14	12.85	244	1501989	86.03	ng	0.00
Target Compounds						
9) Benzaldehyde	6.27	77	703	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.30	70	159018	17.432	ng	# 1
25) Isophorone	7.30	82	1185871	46.077	ng	# 75
50) Dimethylphthalate	9.49	163	110306	4.601	ng	# 65
67) 4-Bromophenyl-phenylether	10.56	248	24144	4.228	ng	# 97

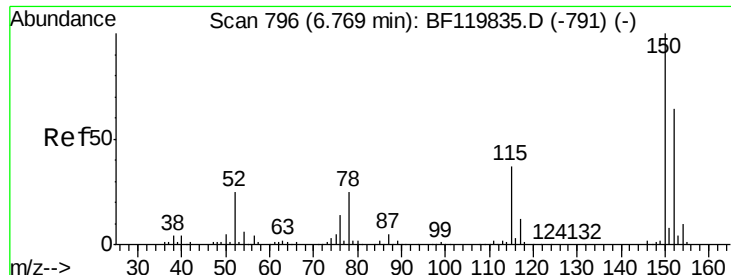
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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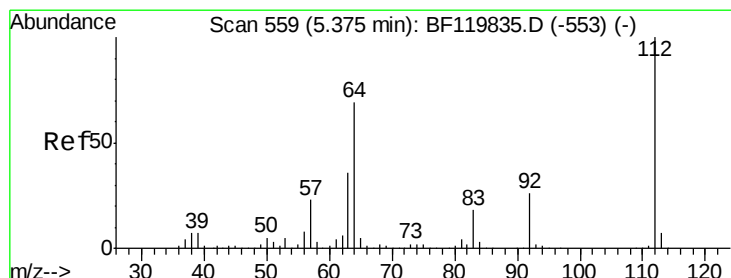
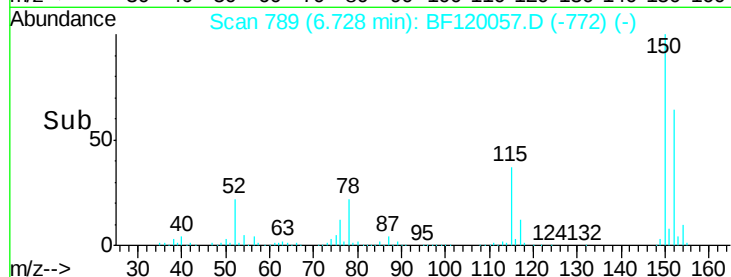
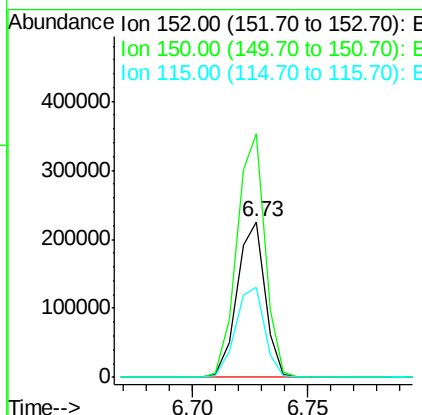
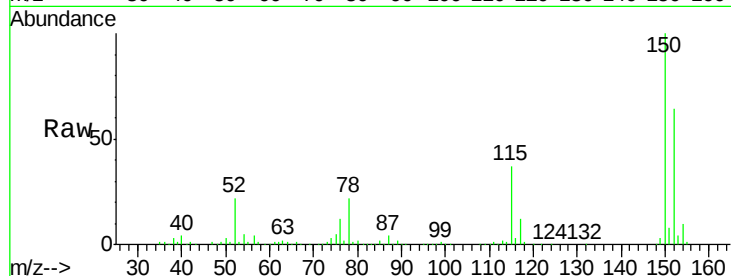


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF120057.D
Acq: 17 Apr 2020 14:20

Instrument :
BNA_F
ClientSampled :

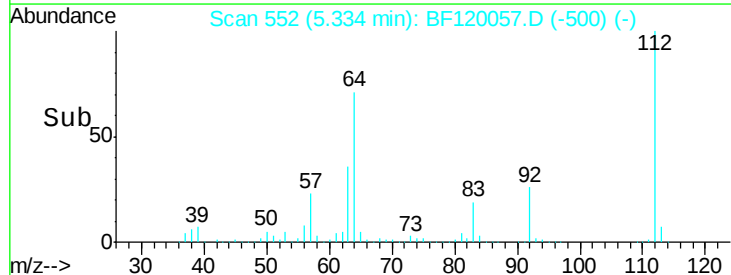
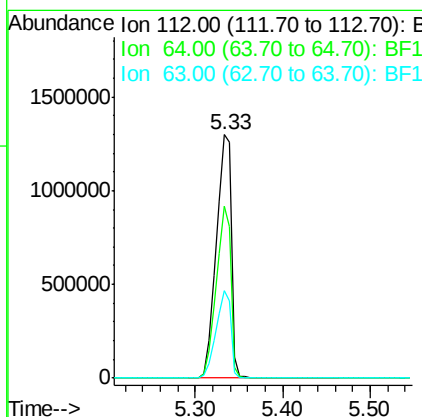
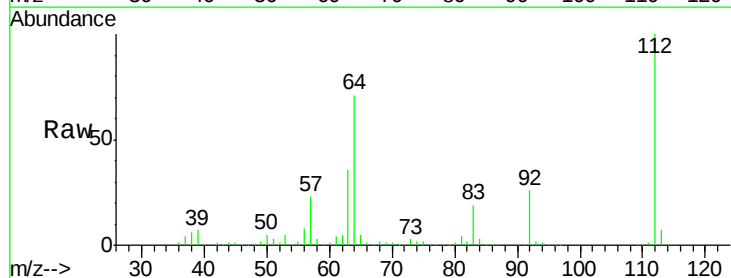
Tot Ion:152 Resp: 190262
Ion Ratio Lower Upper
152 100
150 156.7 124.8 187.2
115 57.7 46.5 69.7

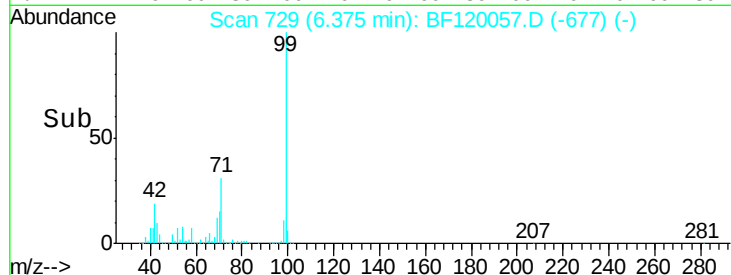
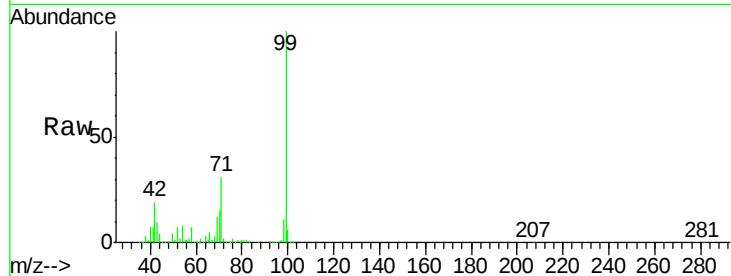
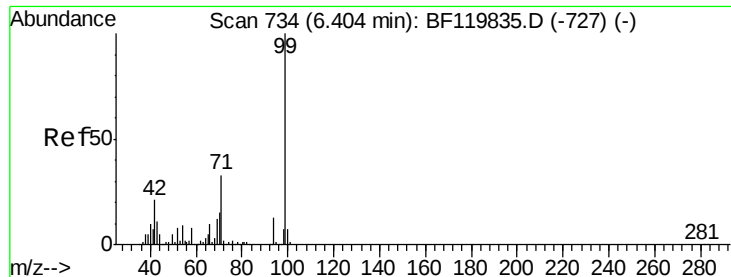


#5

2-Fluorophenol
Concen: 142.014 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF120057.D
Acq: 17 Apr 2020 14:20

Tgt Ion:112 Resp: 1563487
Ion Ratio Lower Upper
112 100
64 70.7 55.5 83.3
63 36.0 29.1 43.7





#7

Phenol-d6

Concen: 140.125 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF120057.D

Acq: 17 Apr 2020 14:20

Instrument :

BNA_F

ClientSampleId :

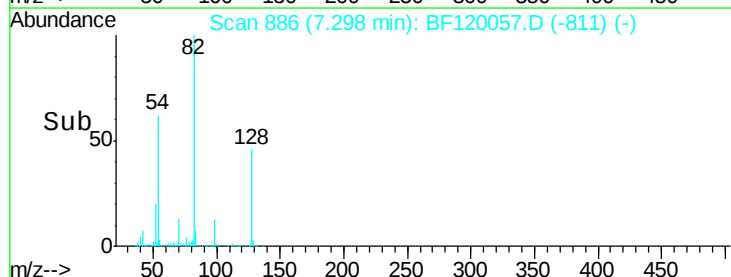
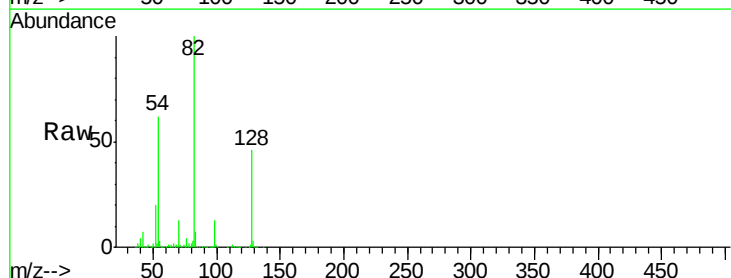
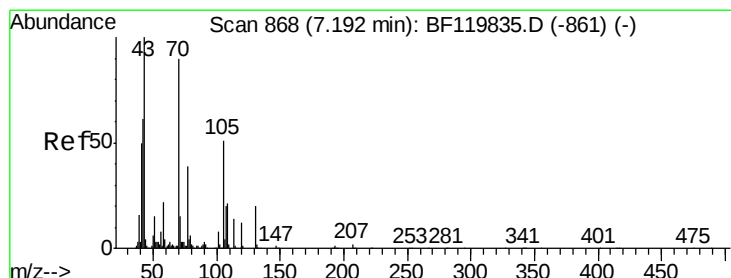
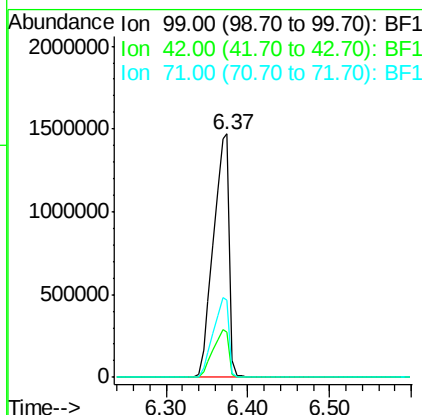
Tot Ion: 99 Resp: 1987821

Ion Ratio Lower Upper

99 100

42 18.8 16.9 25.3

71 31.5 26.3 39.5



#19

n-Nitroso-di-n-propylamine

Concen: 17.432 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.14 min

Lab File: BF120057.D

Acq: 17 Apr 2020 14:20

Tgt Ion: 70 Resp: 159018

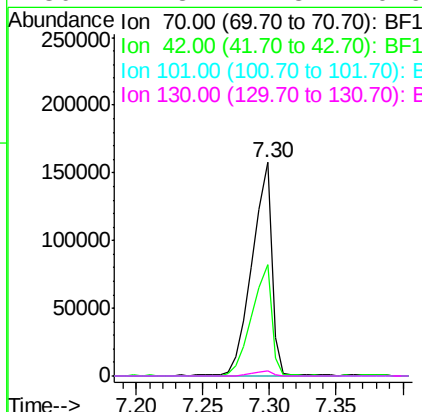
Ion Ratio Lower Upper

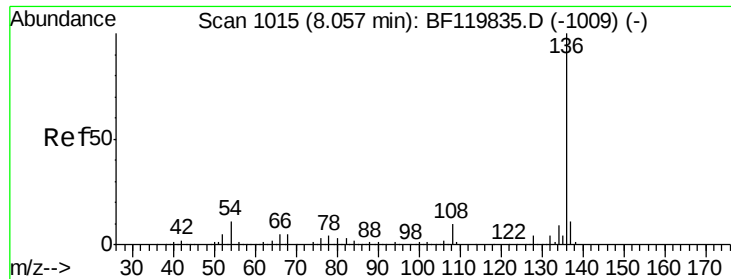
70 100

42 52.4 54.2 81.4#

101 0.0 7.4 11.2#

130 2.3 17.8 26.6#

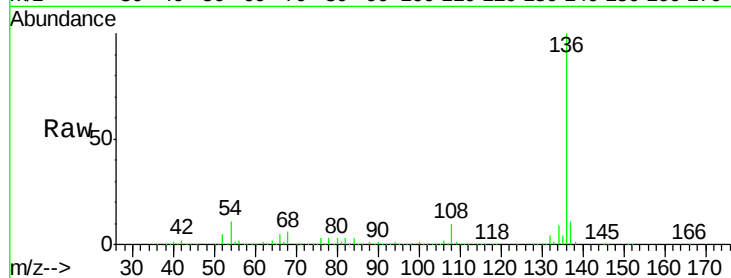




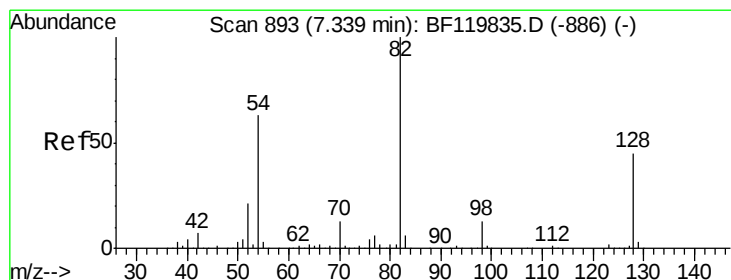
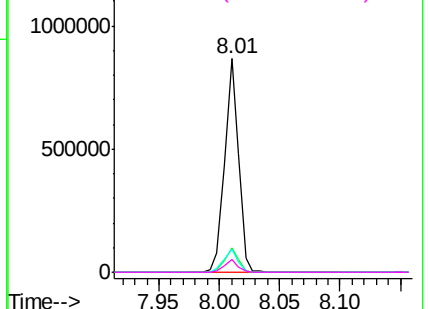
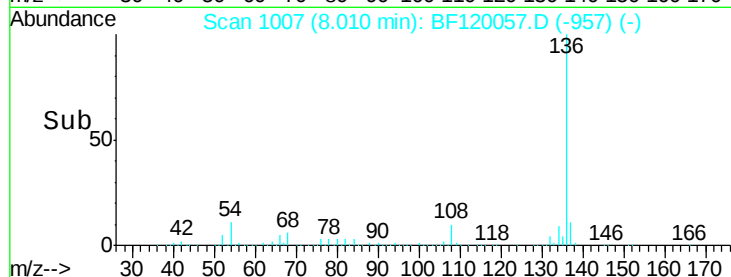
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF120057.D
Acq: 17 Apr 2020 14:20

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	690697
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.7 13.1
54	10.8	8.5 12.7
68	6.1	3.9 5.9#

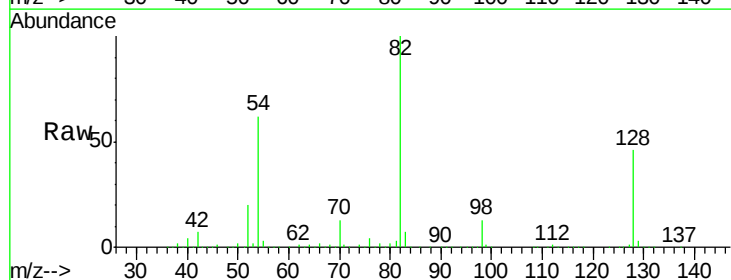


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

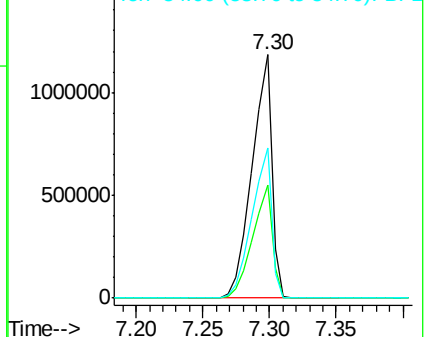
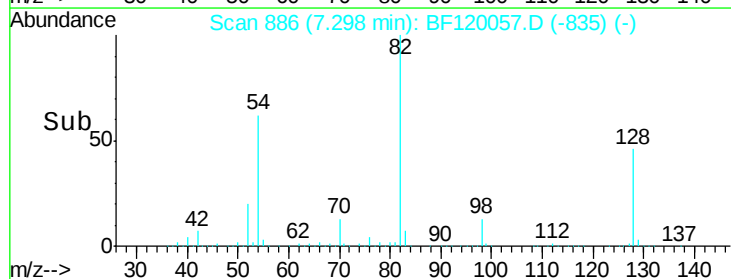


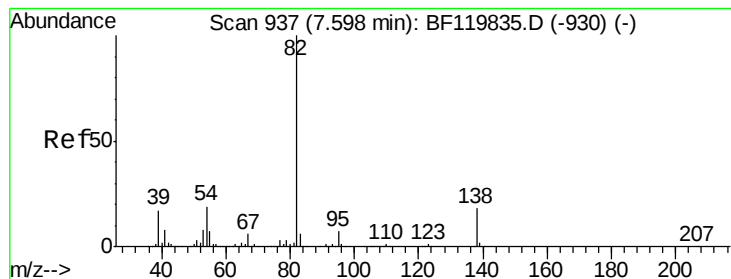
#23
Nitrobenzene-d5
Concen: 89.867 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF120057.D
Acq: 17 Apr 2020 14:20

Tgt Ion: 82	Resp:	1199813
Ion Ratio	Lower	Upper
82	100	
128	46.3	36.2 54.4
54	61.6	50.4 75.6



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 46.077 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.26 min

Lab File: BF120057.D

Acq: 17 Apr 2020 14:20

Instrument :

BNA_F

ClientSampleId :

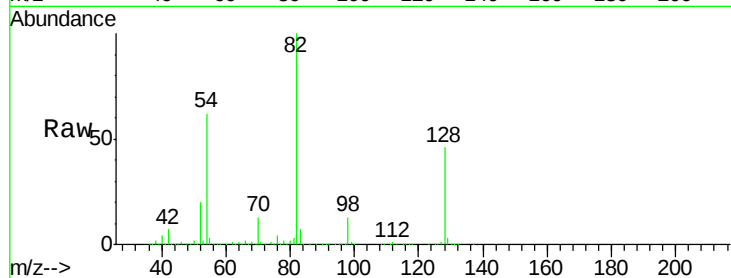
Tot Ion: 82 Resp: 1185871

Ion Ratio Lower Upper

82 100

95 0.1 5.8 8.6#

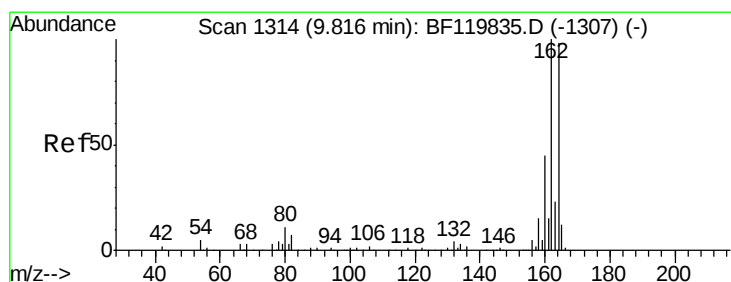
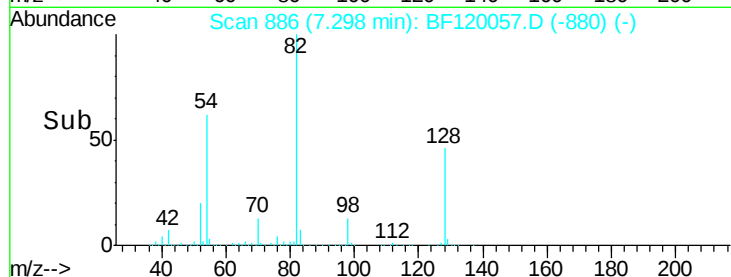
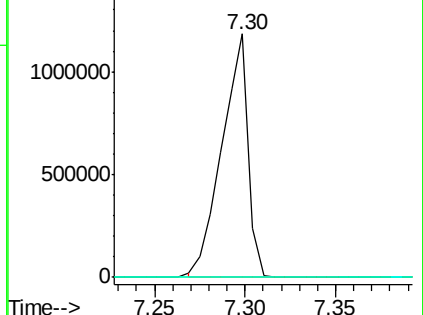
138 0.0 14.5 21.7#



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: 9.77 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF120057.D

Acq: 17 Apr 2020 14:20

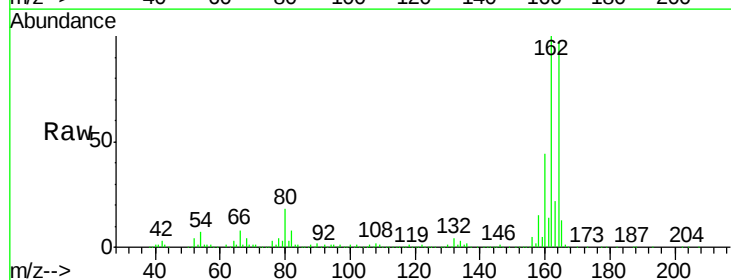
Tgt Ion:164 Resp: 309958

Ion Ratio Lower Upper

164 100

162 102.8 81.9 122.9

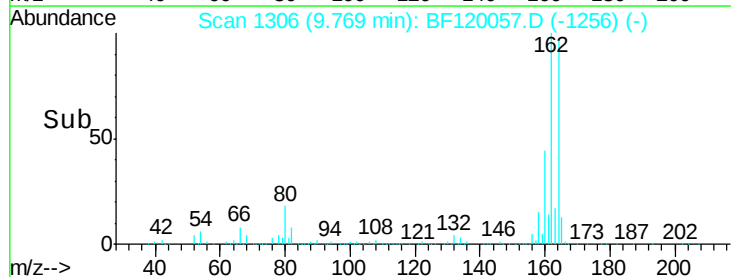
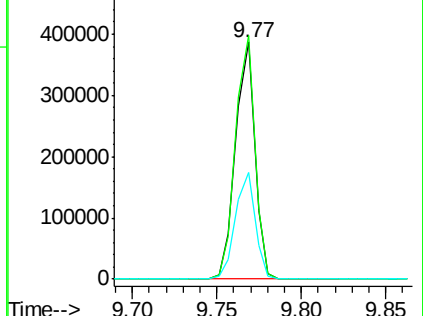
160 45.3 36.6 54.8

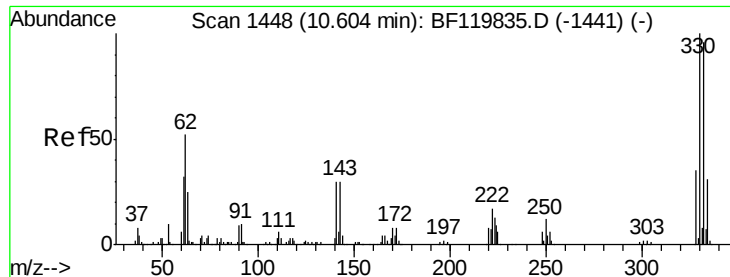


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

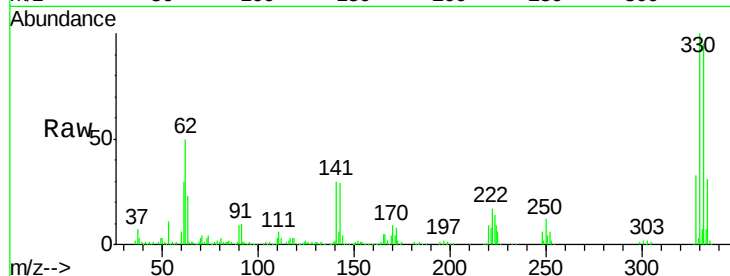




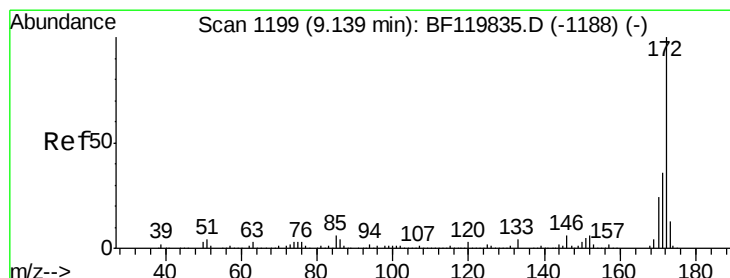
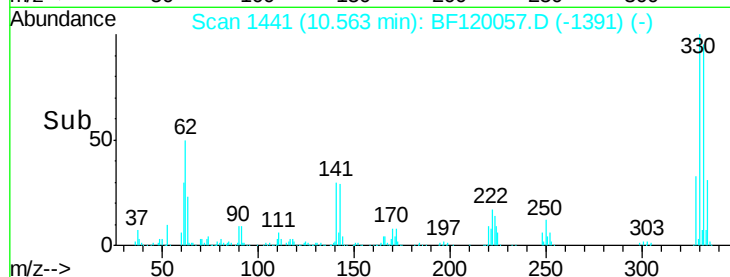
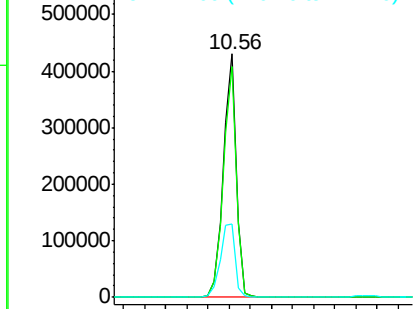
#42
 2,4,6-Tribromophenol
 Concen: 98.187 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF120057.D
 Acq: 17 Apr 2020 14:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 372612
 Ion Ratio Lower Upper
 330 100
 332 95.1 76.8 115.2
 141 34.8 25.1 37.7

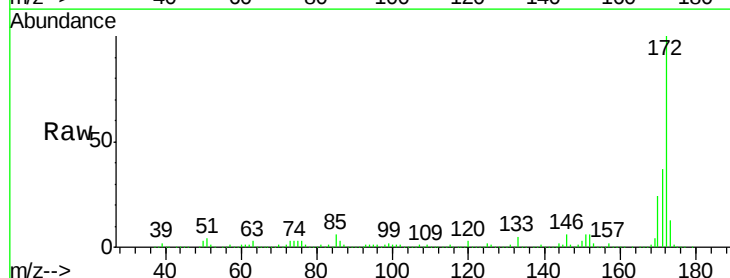


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

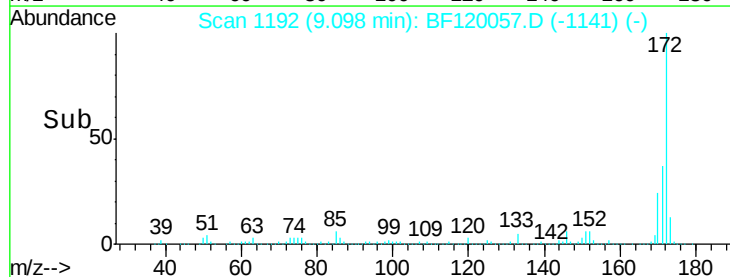
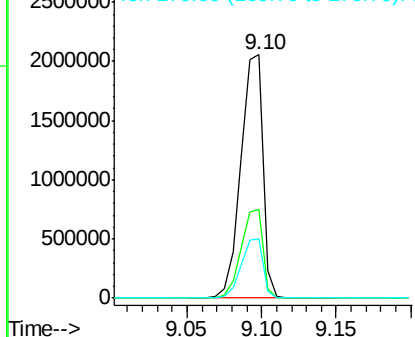


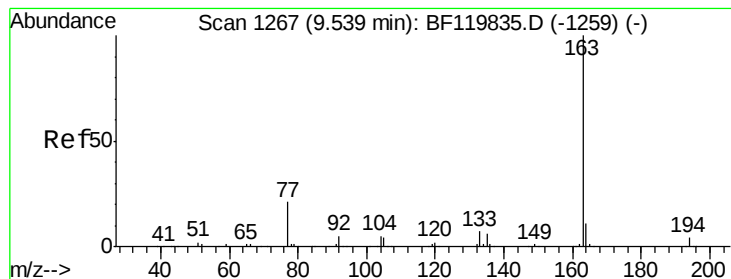
#45
 2-Fluorobiphenyl
 Concen: 96.818 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.00 min
 Lab File: BF120057.D
 Acq: 17 Apr 2020 14:20

Tgt Ion:172 Resp: 2113676
 Ion Ratio Lower Upper
 172 100
 171 36.6 28.9 43.3
 170 24.4 19.4 29.2



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 4.601 ng

RT: 9.49 min Scan# 1258

Delta R.T. -0.02 min

Lab File: BF120057.D

Acq: 17 Apr 2020 14:20

Instrument :

BNA_F

ClientSampleId :

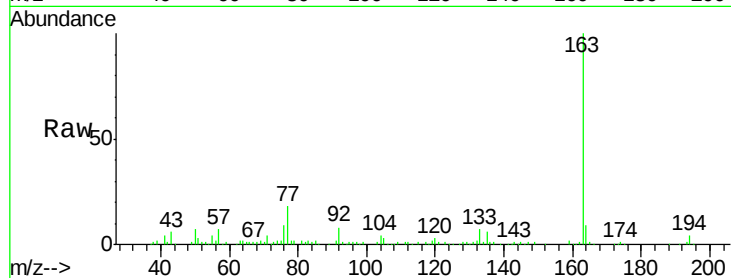
Tot Ion:163 Resp: 110306

Ion Ratio Lower Upper

163 100

194 4.3 3.0 4.4

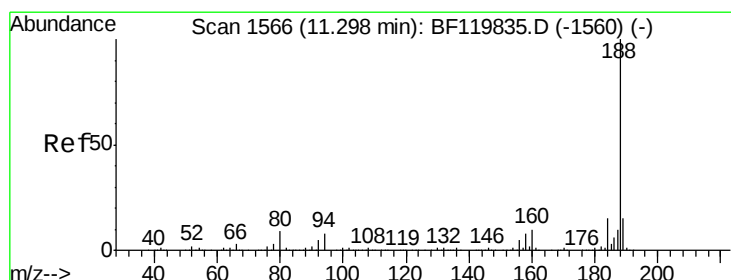
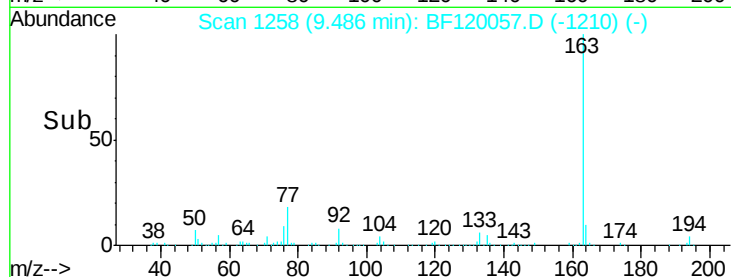
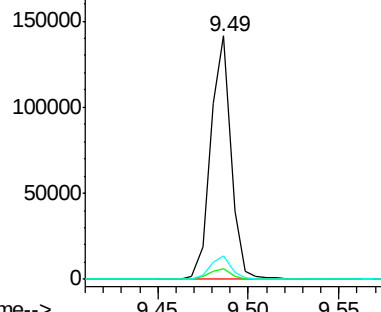
164 9.5 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.25 min Scan# 1558

Delta R.T. -0.01 min

Lab File: BF120057.D

Acq: 17 Apr 2020 14:20

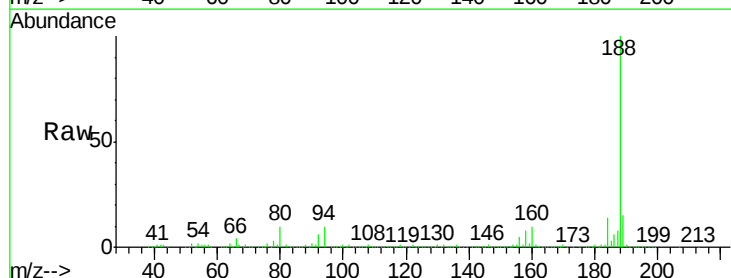
Tgt Ion:188 Resp: 459208

Ion Ratio Lower Upper

188 100

94 9.7 6.7 10.1

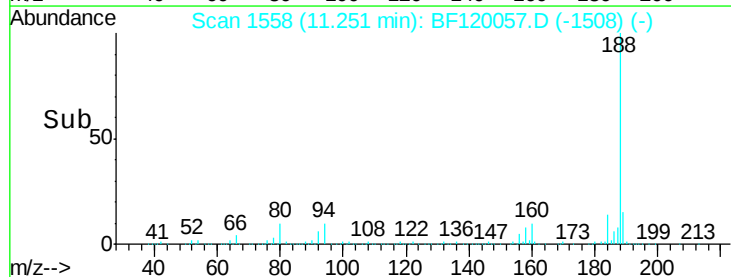
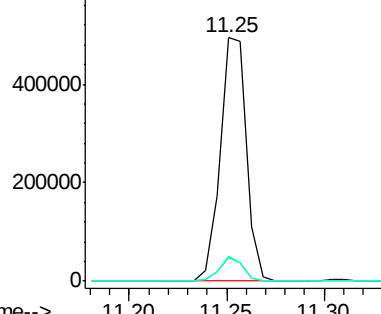
80 10.2 7.4 11.2

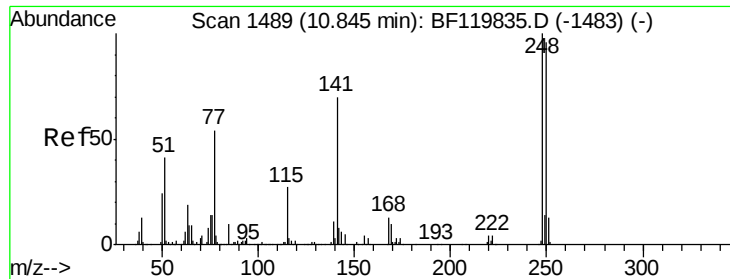


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

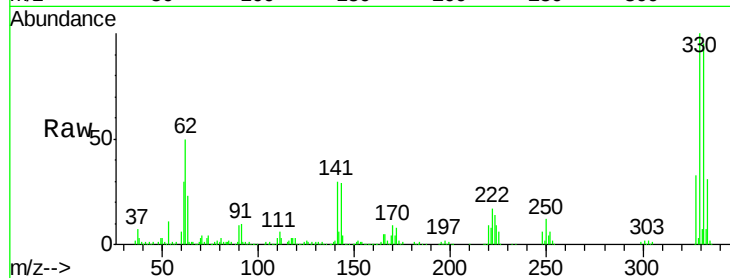




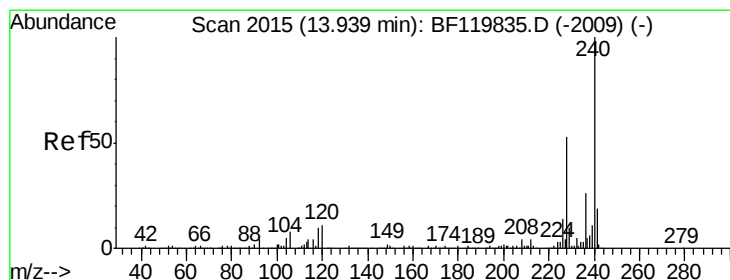
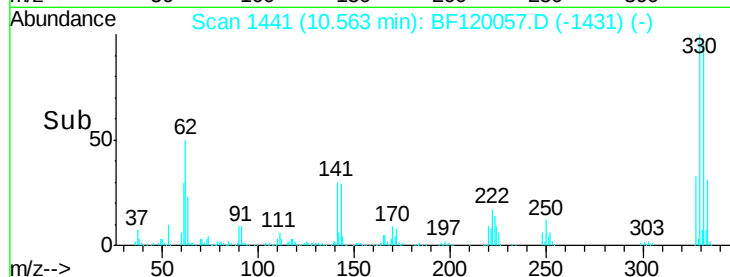
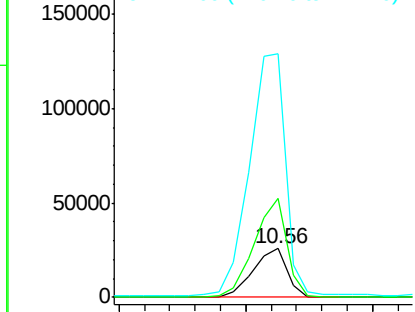
#67
4-Bromophenyl-phenylether
Concen: 4.228 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.24 min
Lab File: BF120057.D
Acq: 17 Apr 2020 14:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 24144
Ion Ratio Lower Upper
248 100
250 204.1 76.6 114.8#
141 501.0 55.9 83.9#

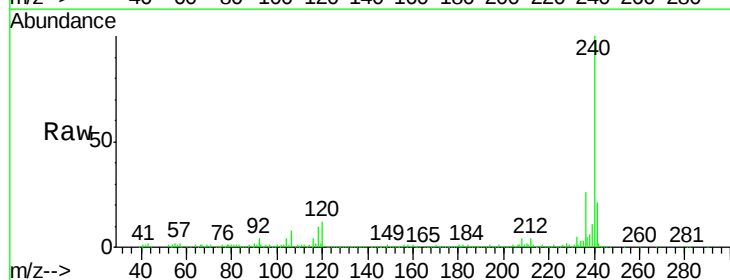


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

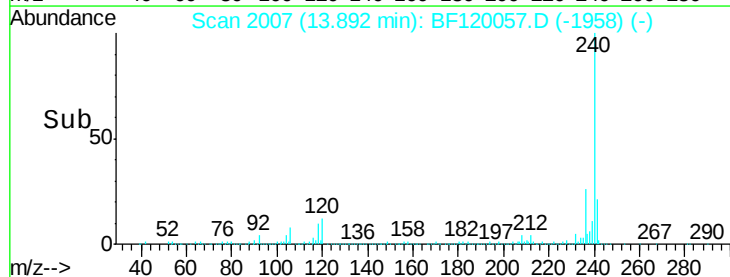
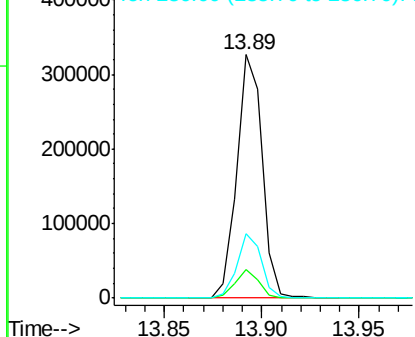


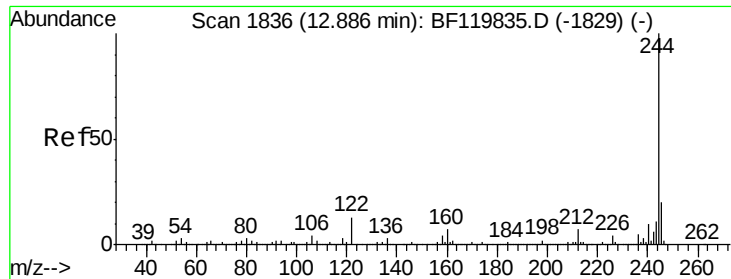
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF120057.D
Acq: 17 Apr 2020 14:20

Tgt Ion:240 Resp: 293784
Ion Ratio Lower Upper
240 100
120 11.8 9.0 13.6
236 26.4 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

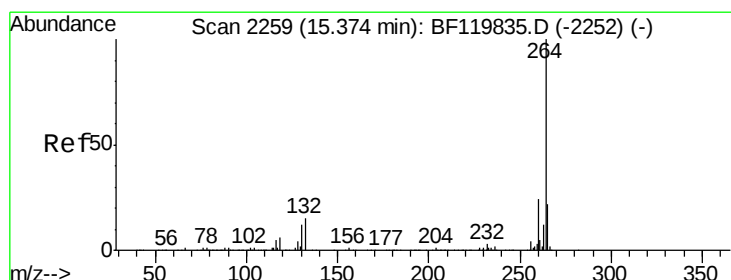
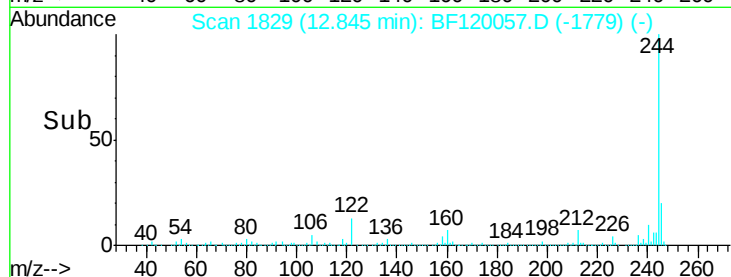
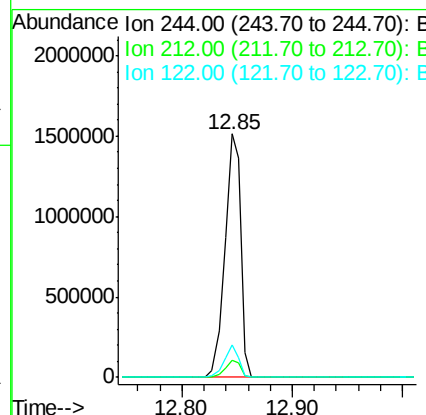
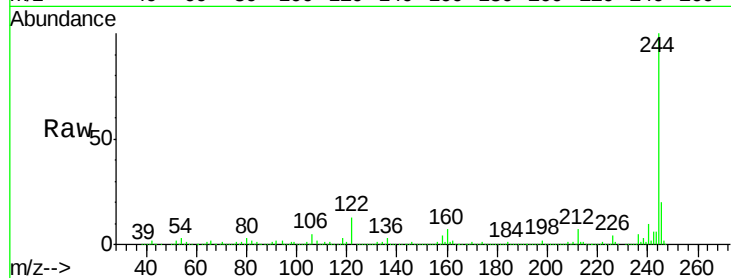




#79
 Terphenyl-d14
 Concen: 86.027 ng
 RT: 12.85 min Scan# 1829
 Delta R.T. -0.01 min
 Lab File: BF120057.D
 Acq: 17 Apr 2020 14:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1501989
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 13.5 10.3 15.5



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.32 min Scan# 2250
 Delta R.T. -0.01 min
 Lab File: BF120057.D
 Acq: 17 Apr 2020 14:20

Tgt Ion:264 Resp: 269582
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.3 28.9
 265 21.8 17.6 26.4

