

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112818\
 Data File : BF111057.D
 Acq On : 28 Nov 2018 20:39
 Operator : JU/SJ
 Sample : J6079-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 J-1

Quant Time: Nov 29 01:29:29 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 27 15:32:10 2018
 Response via : Initial Calibration

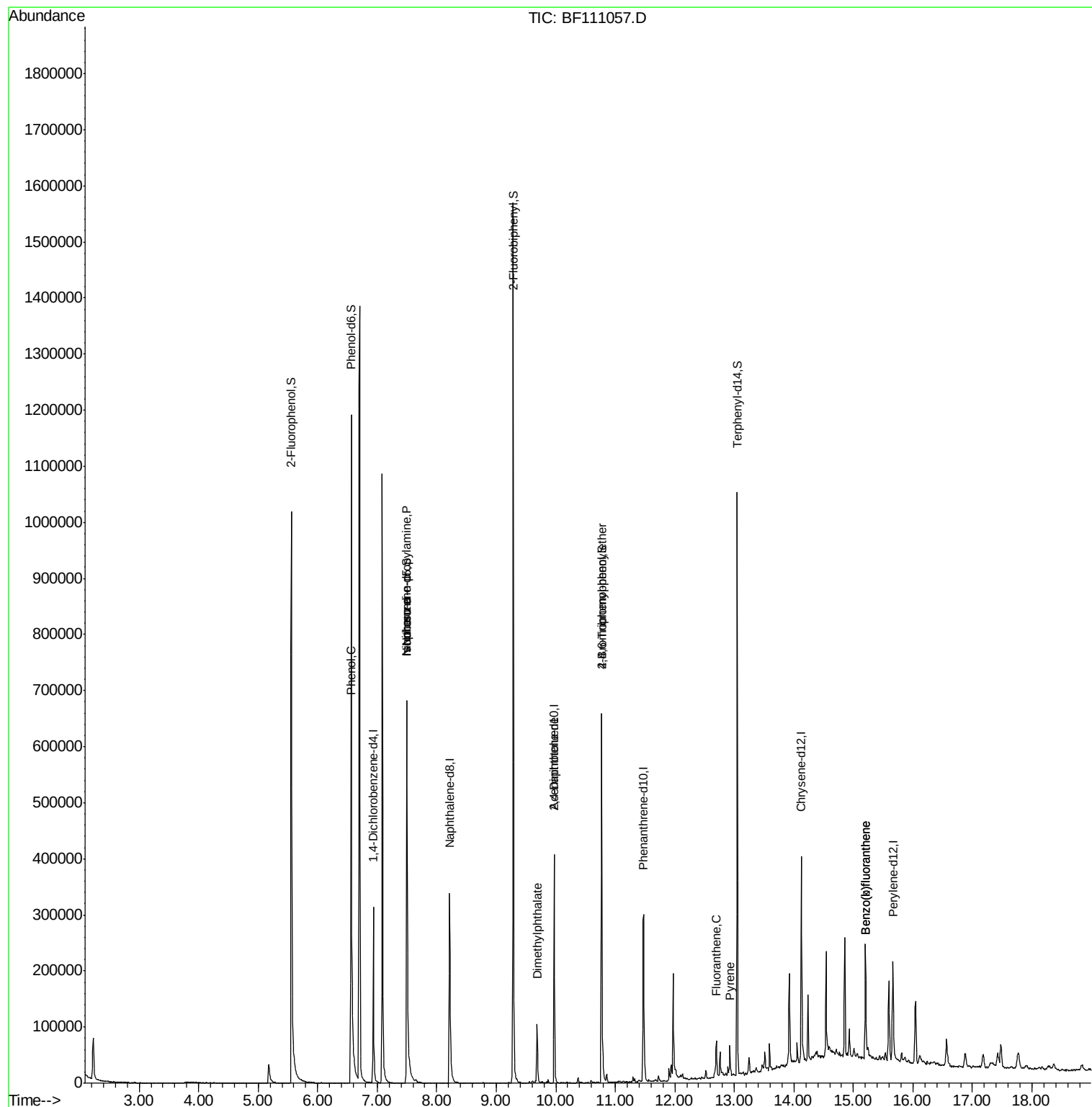
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	54981	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	219467	20.00	ng	0.00
39) Acenaphthene-d10	9.97	164	86612	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	135970	20.00	ng	0.00
76) Chrysene-d12	14.13	240	119813	20.00	ng	0.00
87) Perylene-d12	15.66	264	91963	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	360058	108.60	ng	0.00
7) Phenol-d6	6.56	99	448611	103.83	ng	0.00
23) Nitrobenzene-d5	7.50	82	278721	72.68	ng	-0.01
42) 2,4,6-Tribromophenol	10.77	330	82715	96.16	ng	-0.01
45) 2-Fluorobiphenyl	9.29	172	489058	81.81	ng	0.00
79) Terphenyl-d14	13.05	244	339974	55.24	ng	0.00
Target Compounds						
10) Phenol	6.57	94	21118	4.340	ng	89
19) n-Nitroso-di-n-propylamine	7.50	70	38003	13.503	ng	# 82
25) Isophorone	7.50	82	278721	44.309	ng	# 67
50) Dimethylphthalate	9.69	163	50563	7.960	ng	98
57) 2,4-Dinitrotoluene	9.97	165	11479	6.257	ng	# 17
67) 4-Bromophenyl-phenylether	10.77	248	5298	3.578	ng	# 1
75) Fluoranthene	12.70	202	22875	3.091	ng	99
78) Pyrene	12.93	202	23174	2.648	ng	96
88) Benzo(b)fluoranthene	15.22	252	17070	3.160	ng	# 91
89) Benzo(k)fluoranthene	15.22	252	17070	3.070	ng	# 90

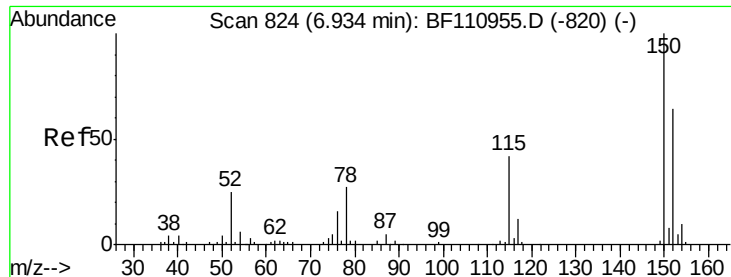
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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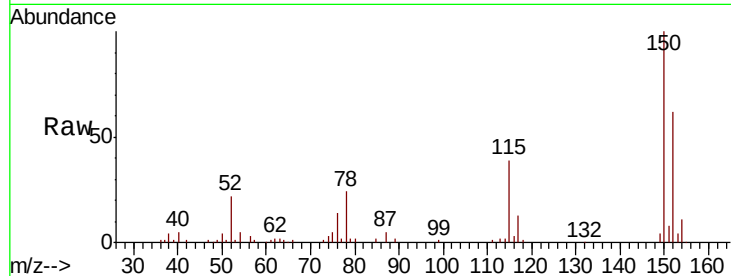




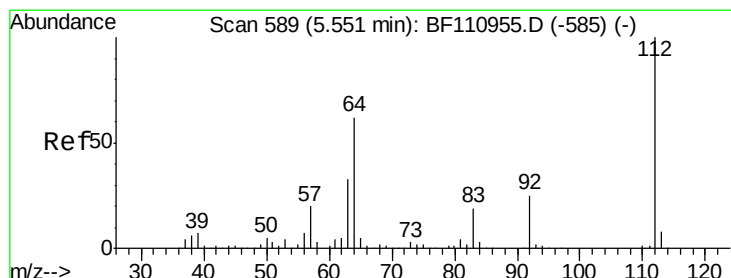
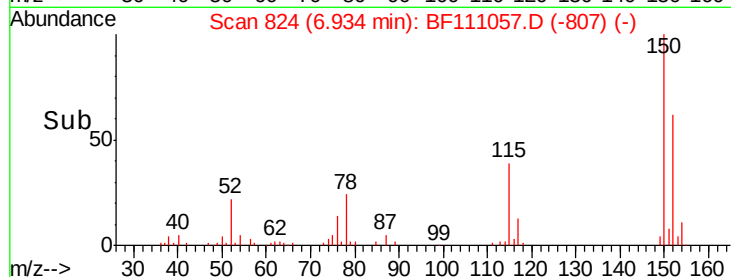
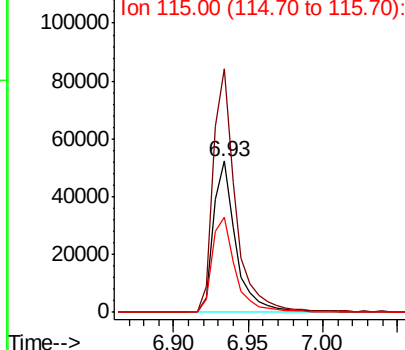
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.93 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BF111057.D
 Acq: 28 Nov 2018 20:39

Instrument :
 BNA_F
 ClientSampleId :
 J-1

Tgt Ion:152 Resp: 54981
 Ion Ratio Lower Upper
 152 100
 150 160.9 122.7 184.1
 115 63.2 49.1 73.7

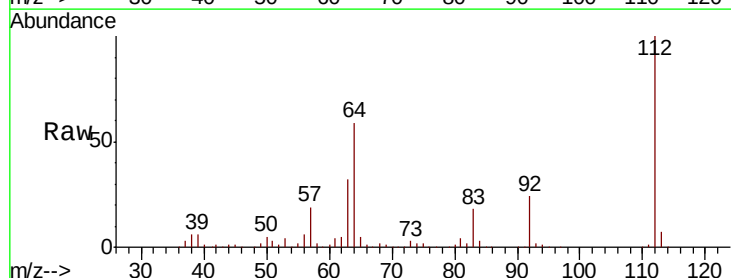


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

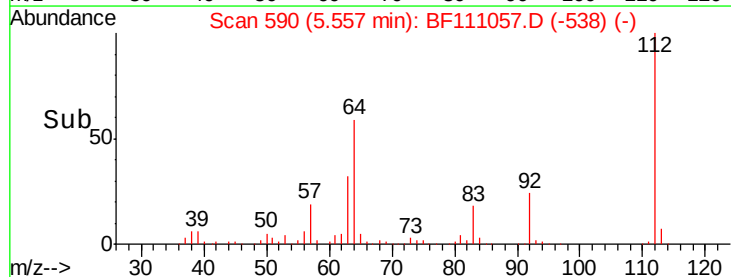
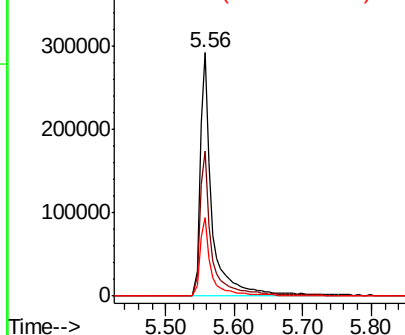


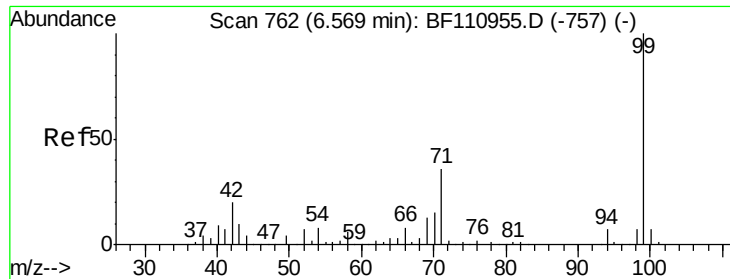
#5
 2-Fluorophenol
 Concen: 108.599 ng
 RT: 5.56 min Scan# 590
 Delta R.T. 0.01 min
 Lab File: BF111057.D
 Acq: 28 Nov 2018 20:39

Tgt Ion:112 Resp: 360058
 Ion Ratio Lower Upper
 112 100
 64 59.4 44.1 66.1
 63 32.0 23.7 35.5



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: 103.830 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF111057.D

Acq: 28 Nov 2018 20:39

Instrument :

BNA_F

ClientSampled :

J-1

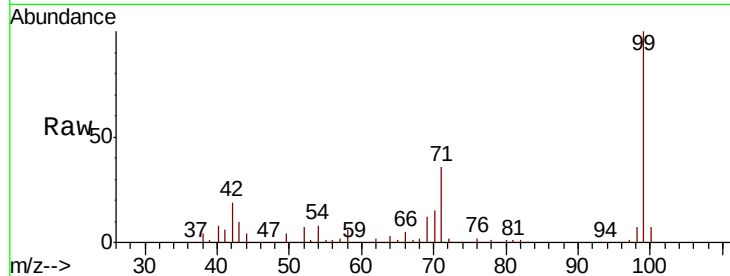
Tgt Ion: 99 Resp: 448611

Ion Ratio Lower Upper

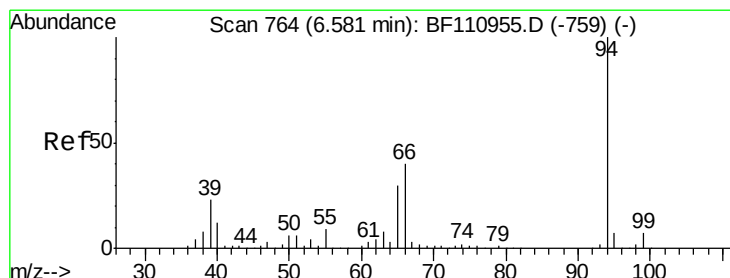
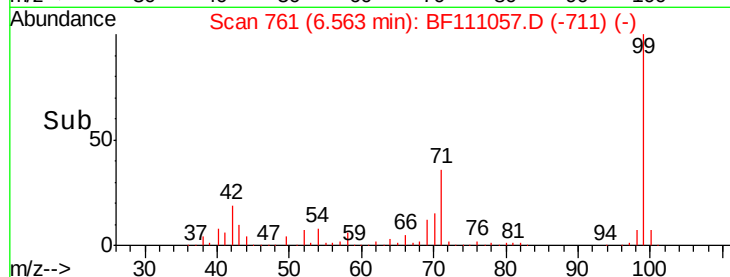
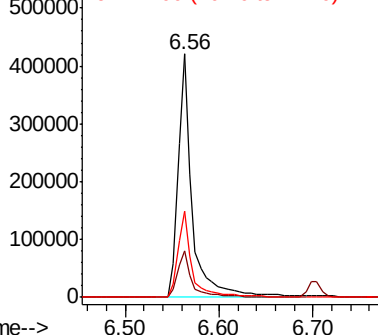
99 100

42 19.3 15.8 23.6

71 35.6 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 4.340 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF111057.D

Acq: 28 Nov 2018 20:39

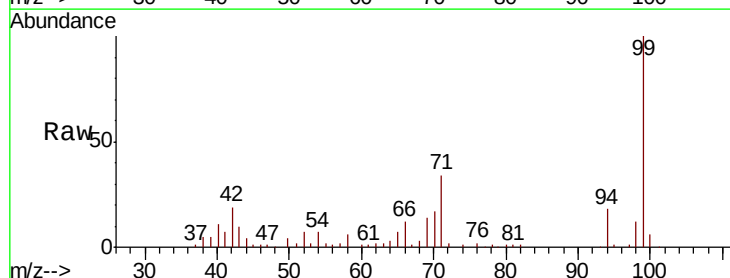
Tgt Ion: 94 Resp: 21118

Ion Ratio Lower Upper

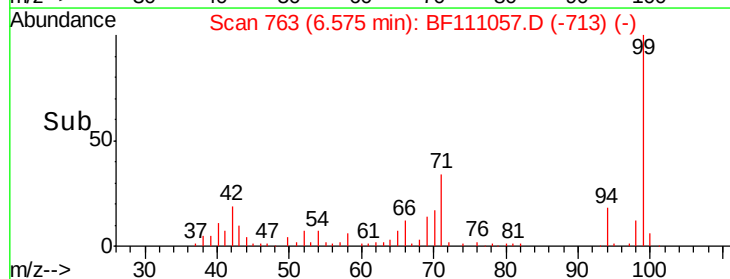
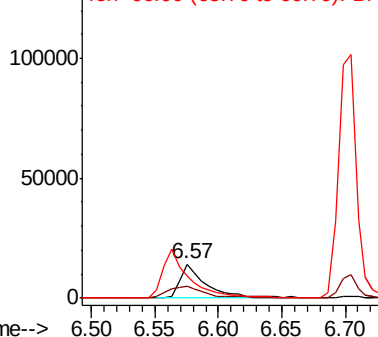
94 100

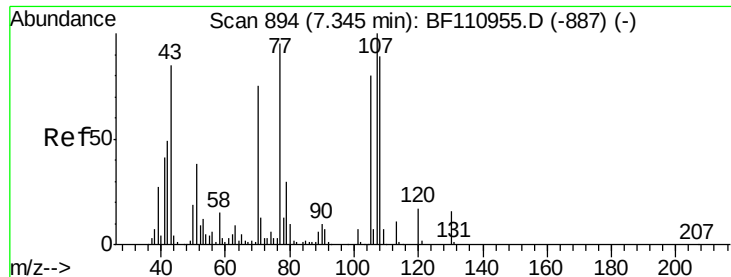
65 37.0 25.3 65.3

66 65.9 54.5 94.5



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

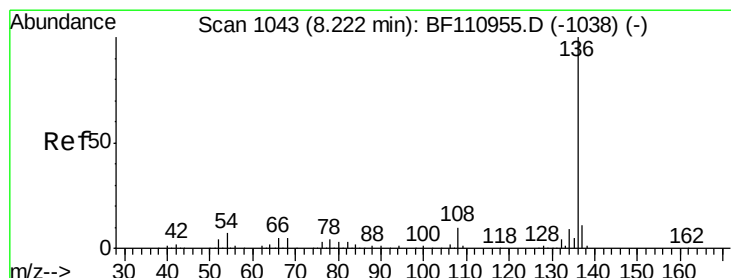
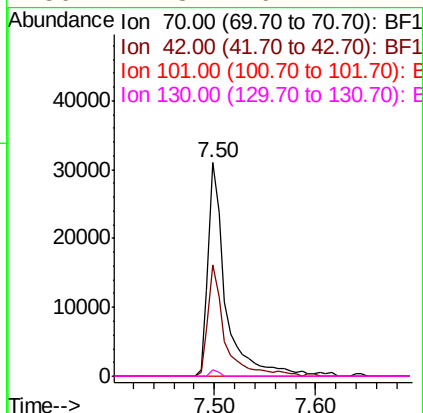
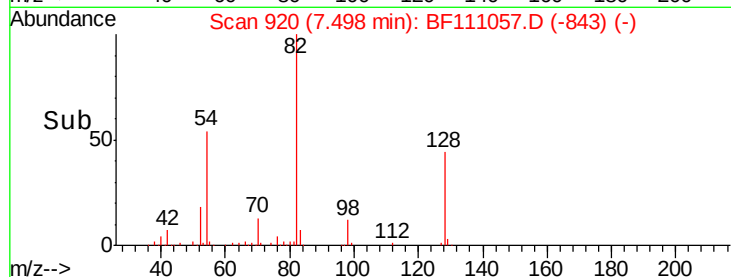
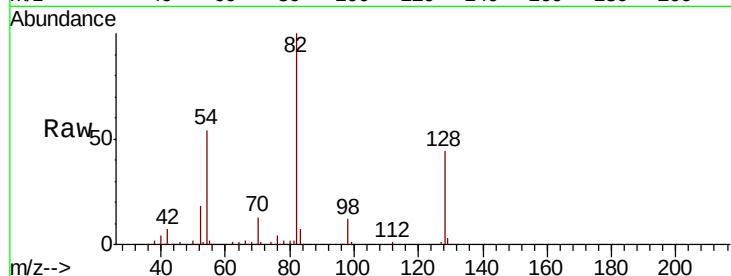




#19
n-Nitroso-di-n-propylamine
Concen: 13.503 ng
RT: 7.50 min Scan# 920
Delta R.T. 0.15 min
Lab File: BF111057.D
Acq: 28 Nov 2018 20:39

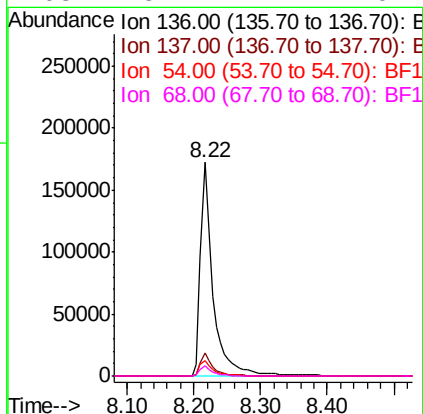
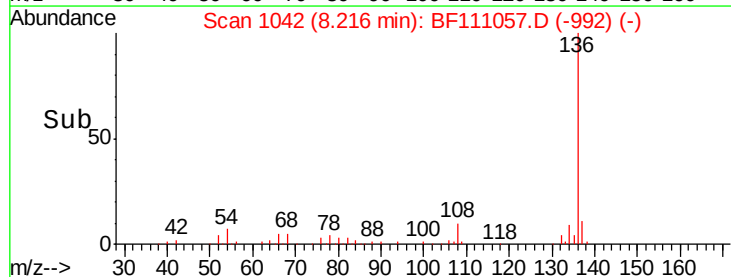
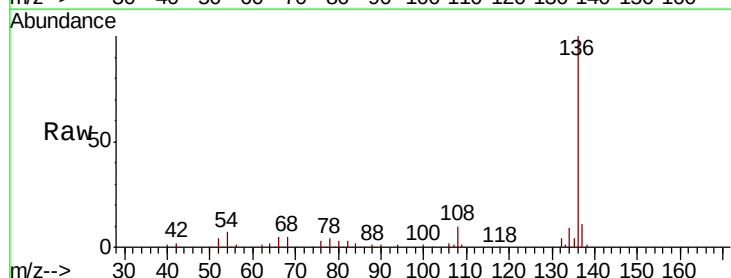
Instrument :
BNA_F
ClientSampled :
J-1

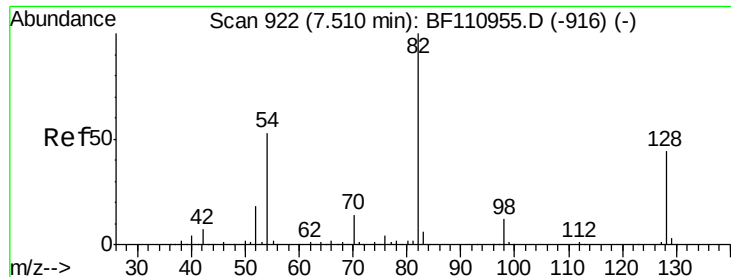
Tgt Ion: 70 Resp: 38003
Ion Ratio Lower Upper
70 100
42 52.2 47.4 71.2
101 0.0 7.3 10.9#
130 2.8 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF111057.D
Acq: 28 Nov 2018 20:39

Tgt Ion: 136 Resp: 219467
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.4 5.4 8.2
68 5.1 4.2 6.2

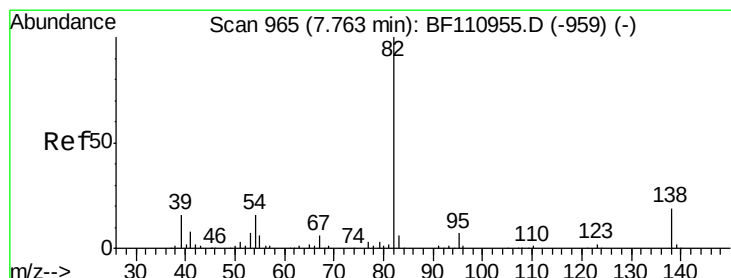
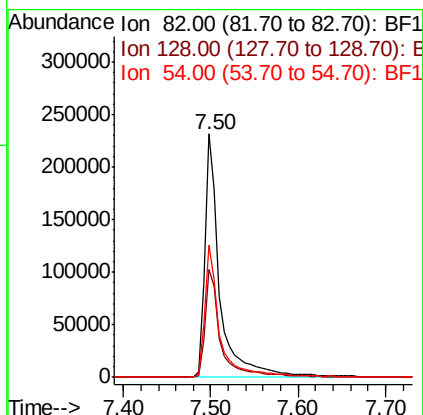
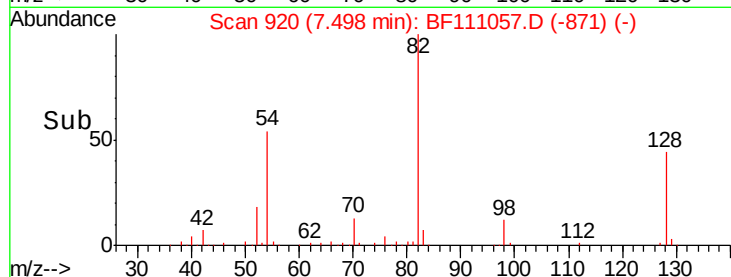
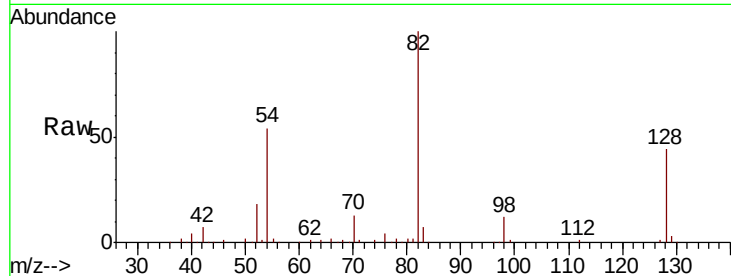




#23
Nitrobenzene-d5
Concen: 72.682 ng
RT: 7.50 min Scan# 920
Delta R.T. -0.01 min
Lab File: BF111057.D
Acq: 28 Nov 2018 20:39

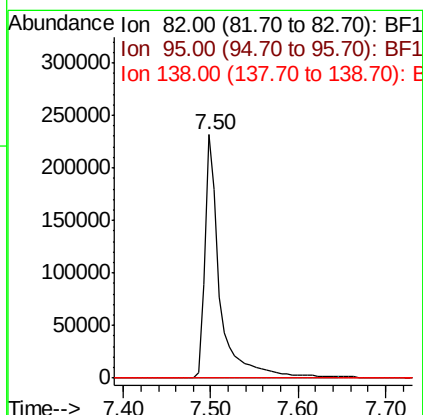
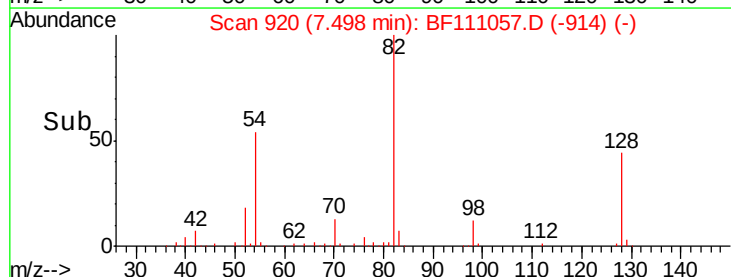
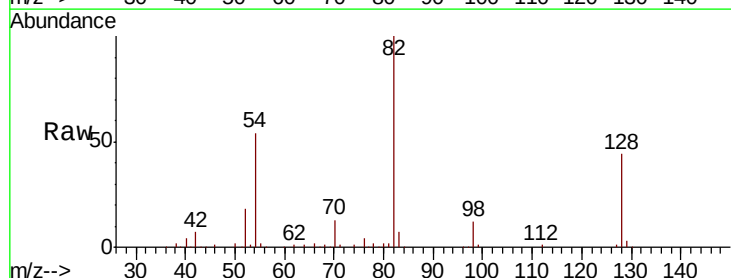
Instrument :
BNA_F
ClientSampleId :
J-1

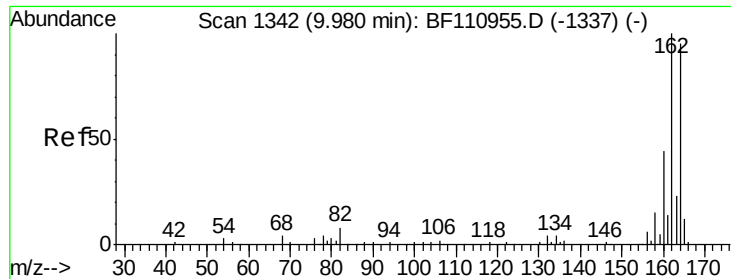
Tgt Ion: 82 Resp: 278721
Ion Ratio Lower Upper
82 100
128 44.1 34.2 51.2
54 54.1 38.6 58.0



#25
Isophorone
Concen: 44.309 ng
RT: 7.50 min Scan# 920
Delta R.T. -0.26 min
Lab File: BF111057.D
Acq: 28 Nov 2018 20:39

Tgt Ion: 82 Resp: 278721
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.2 19.8#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.97 min Scan# 1341

Delta R.T. -0.01 min

Lab File: BF111057.D

Acq: 28 Nov 2018 20:39

Instrument :

BNA_F

ClientSampleId :

J-1

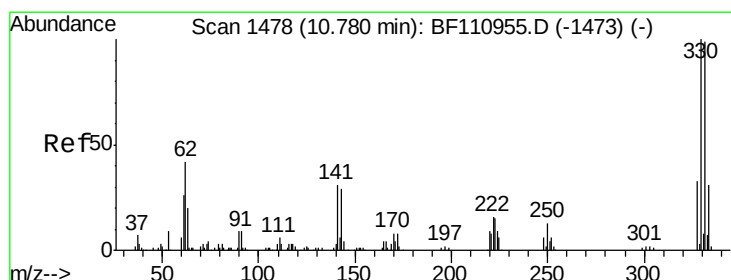
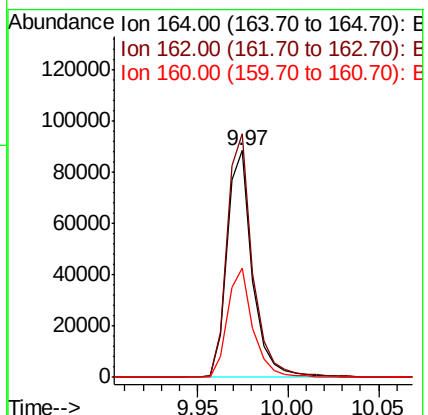
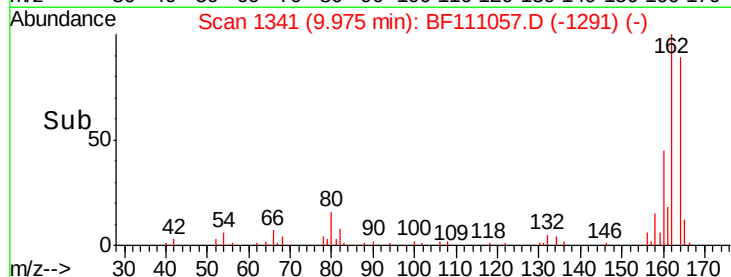
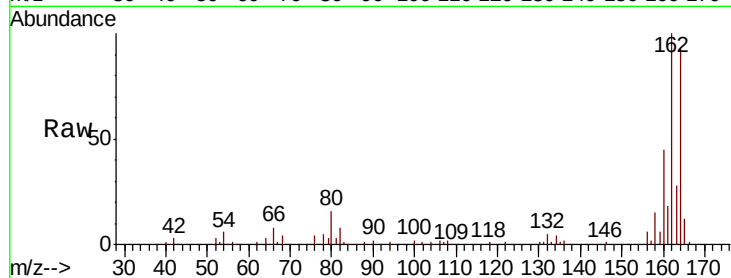
Tgt Ion:164 Resp: 86612

Ion Ratio Lower Upper

164 100

162 107.3 83.0 124.6

160 48.3 37.0 55.6



#42

2,4,6-Tribromophenol

Concen: 96.161 ng

RT: 10.77 min Scan# 1476

Delta R.T. -0.01 min

Lab File: BF111057.D

Acq: 28 Nov 2018 20:39

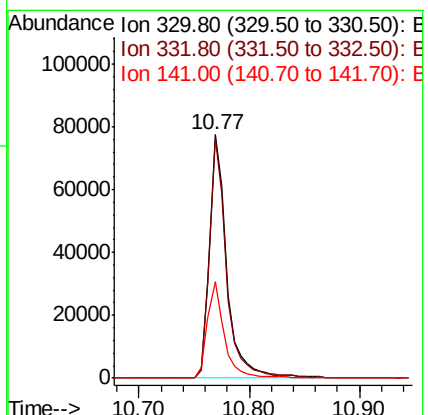
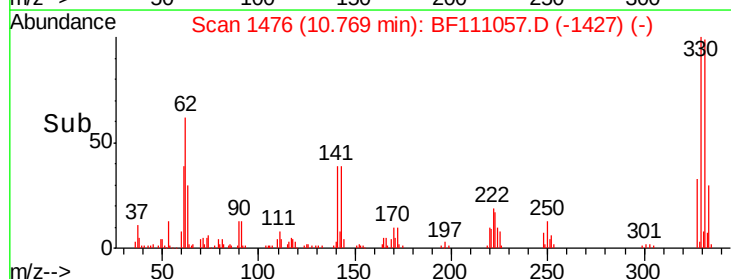
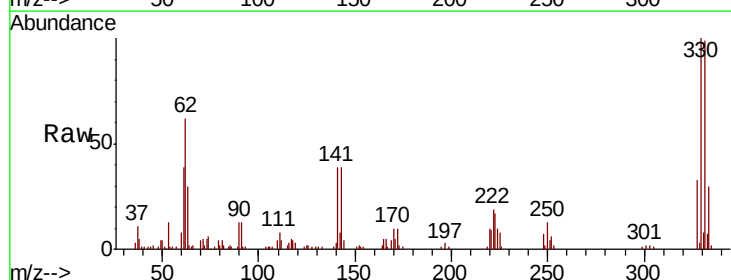
Tgt Ion:330 Resp: 82715

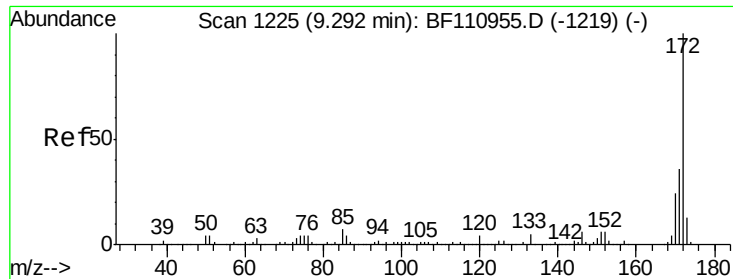
Ion Ratio Lower Upper

330 100

332 96.5 77.1 115.7

141 38.8 27.0 40.4

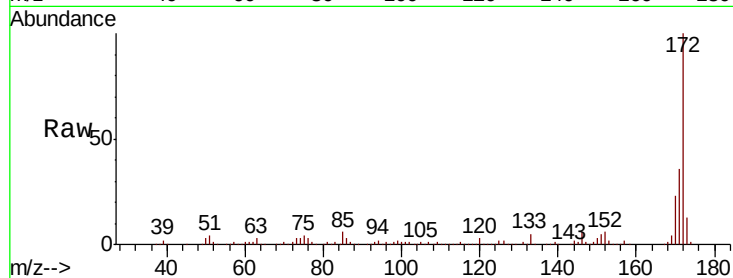




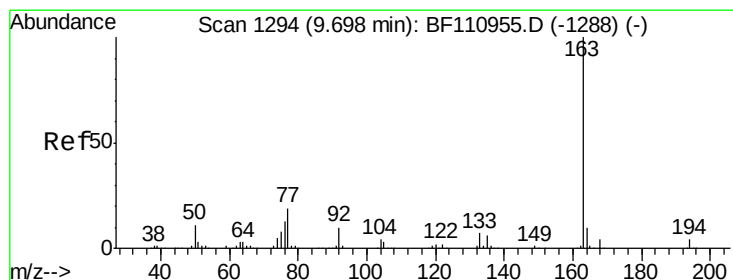
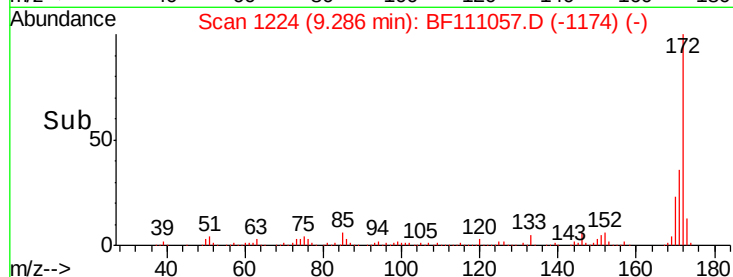
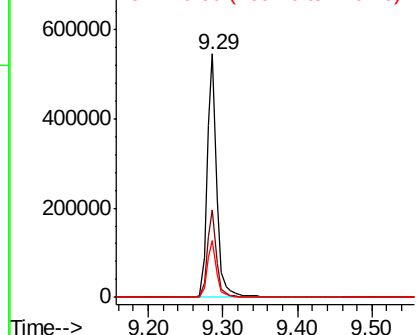
#45
 2-Fluorobiphenyl
 Concen: 81.806 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF111057.D
 Acq: 28 Nov 2018 20:39

Instrument :
 BNA_F
 ClientSampleId :
 J-1

Tgt Ion:172 Resp: 489058
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.6 43.0
 170 23.3 19.7 29.5

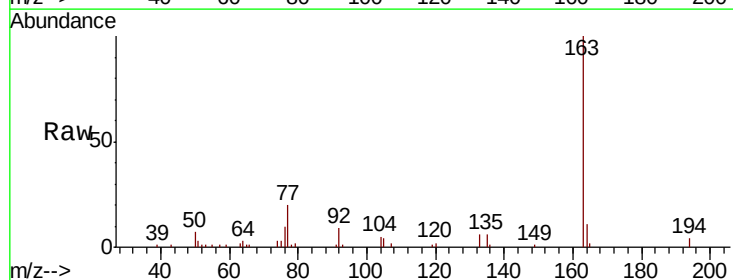


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

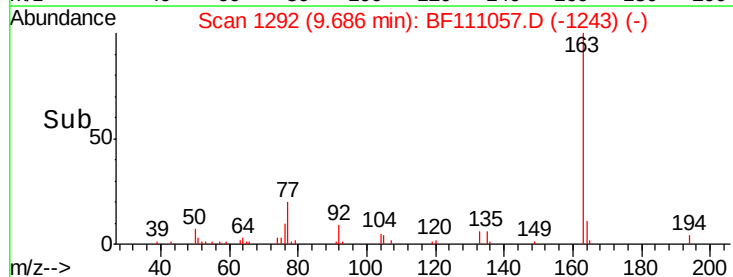
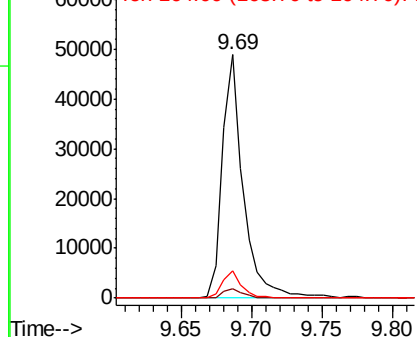


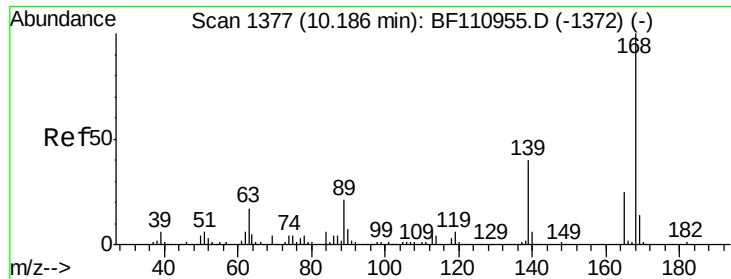
#50
 Dimethylphthalate
 Concen: 7.960 ng
 RT: 9.69 min Scan# 1292
 Delta R.T. -0.01 min
 Lab File: BF111057.D
 Acq: 28 Nov 2018 20:39

Tgt Ion:163 Resp: 50563
 Ion Ratio Lower Upper
 163 100
 194 3.9 3.2 4.8
 164 11.1 8.1 12.1



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

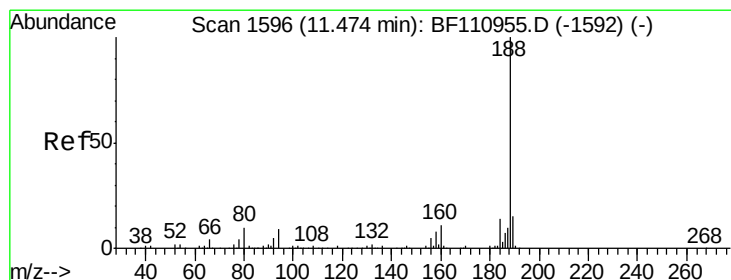
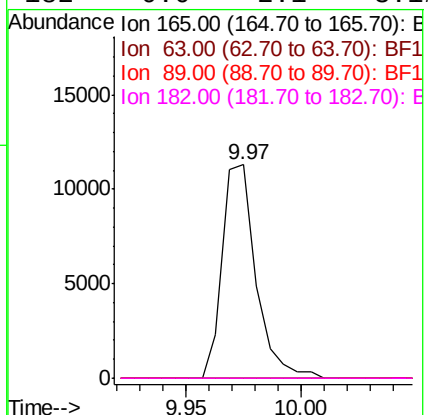
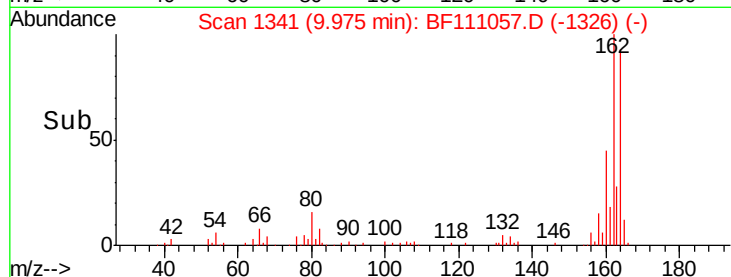
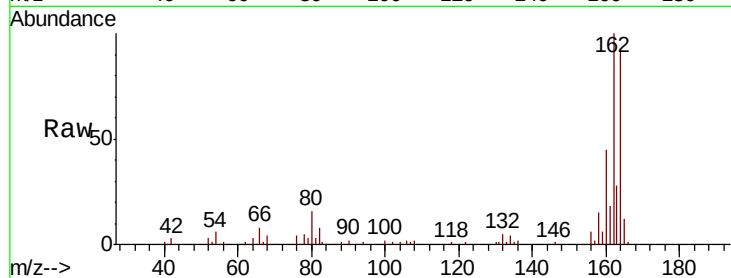




#57
2,4-Dinitrotoluene
Concen: 6.257 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.21 min
Lab File: BF111057.D
Acq: 28 Nov 2018 20:39

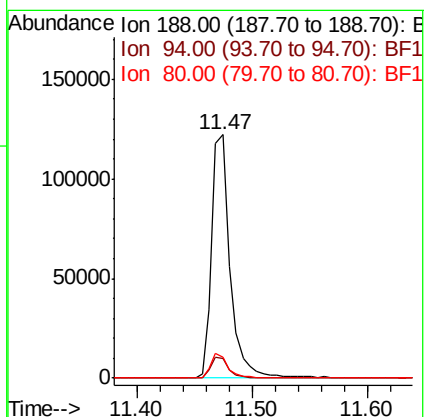
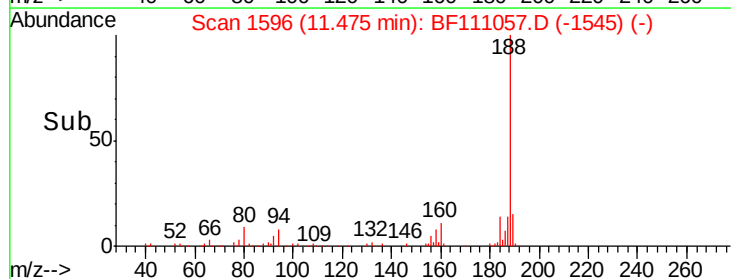
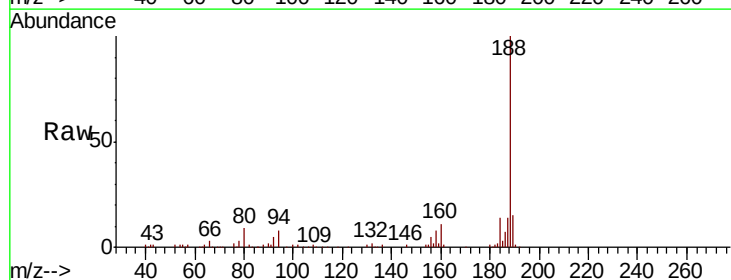
Instrument :
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J-1

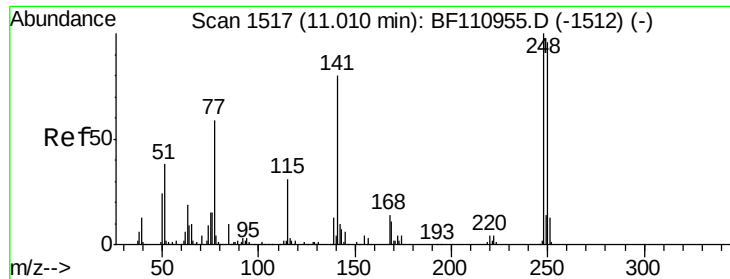
Tgt Ion:165 Resp: 11479
Ion Ratio Lower Upper
165 100
63 0.0 44.8 67.2#
89 0.0 62.2 93.4#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.00 min
Lab File: BF111057.D
Acq: 28 Nov 2018 20:39

Tgt Ion:188 Resp: 135970
Ion Ratio Lower Upper
188 100
94 8.2 7.2 10.8
80 8.5 7.9 11.9

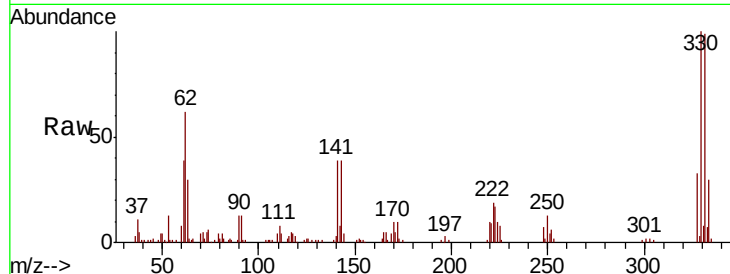




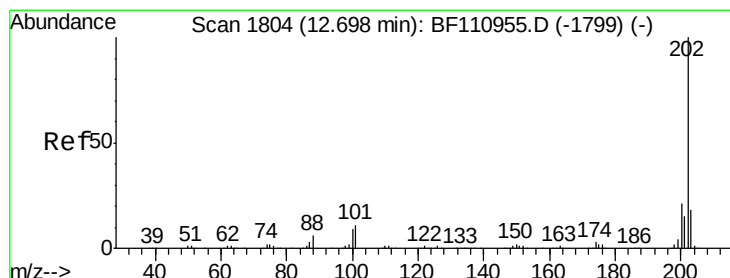
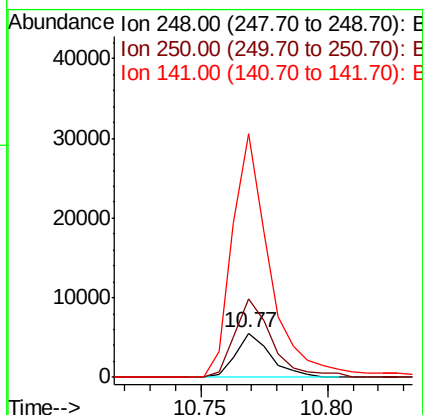
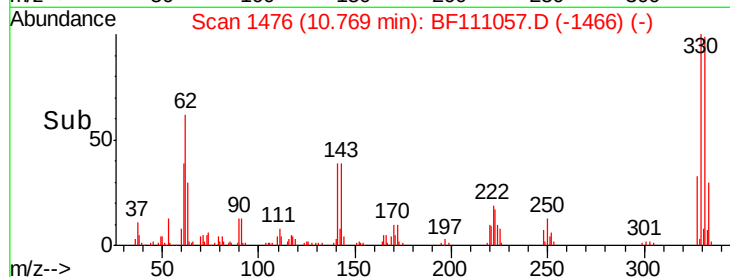
#67
 4-Bromophenyl-phenylether
 Concen: 3.578 ng
 RT: 10.77 min Scan# 1476
 Delta R.T. -0.24 min
 Lab File: BF111057.D
 Acq: 28 Nov 2018 20:39

Instrument :
 BNA_F
 ClientSampleId :
 J-1

Tgt Ion:248 Resp: 5298
 Ion Ratio Lower Upper
 248 100
 250 178.1 79.4 119.2#
 141 552.3 55.9 83.9#

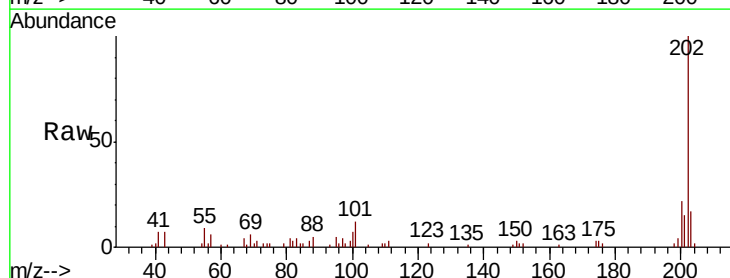


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

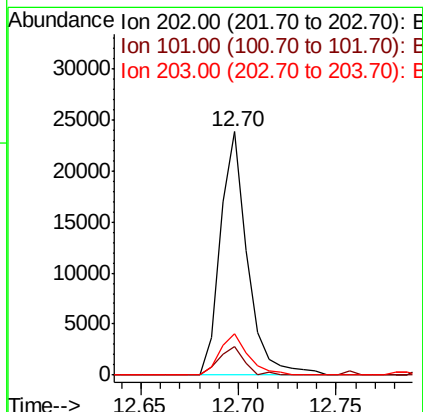
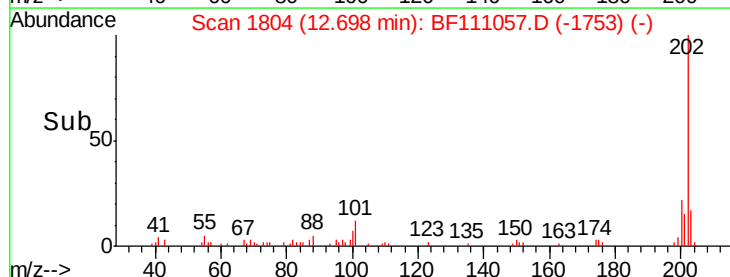


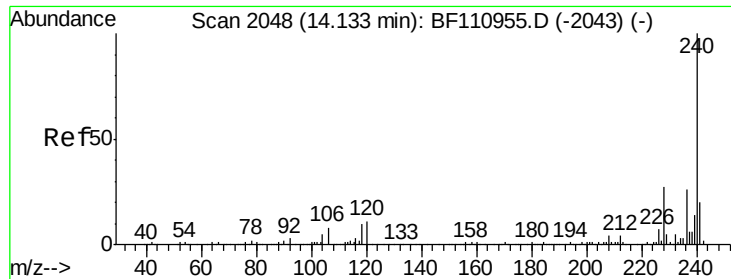
#75
 Fluoranthene
 Concen: 3.091 ng
 RT: 12.70 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: BF111057.D
 Acq: 28 Nov 2018 20:39

Tgt Ion:202 Resp: 22875
 Ion Ratio Lower Upper
 202 100
 101 11.5 0.0 31.4
 203 16.8 0.0 37.7



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

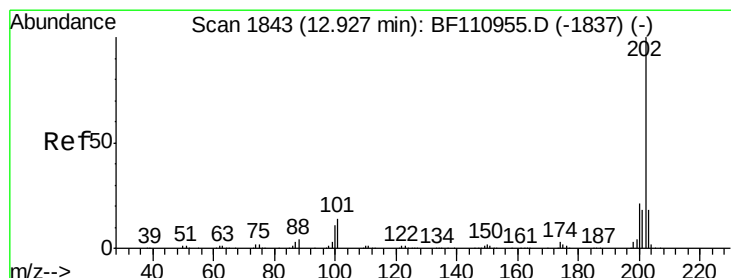
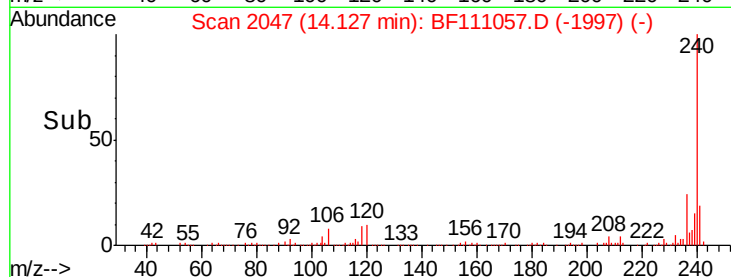
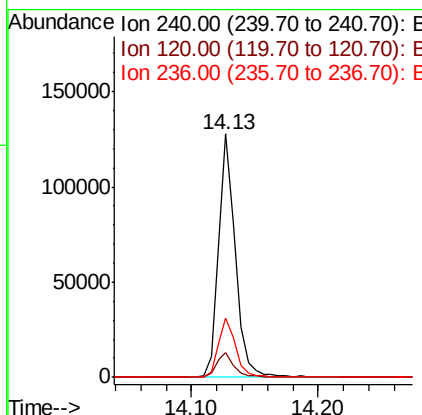
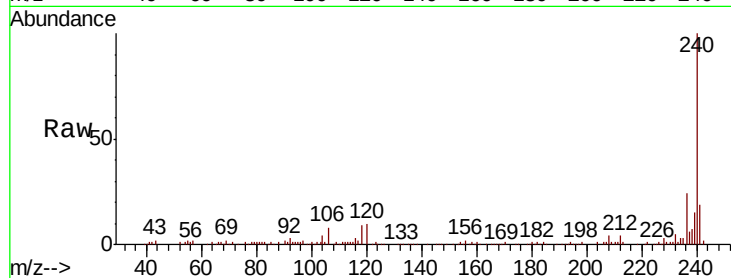




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF111057.D
Acq: 28 Nov 2018 20:39

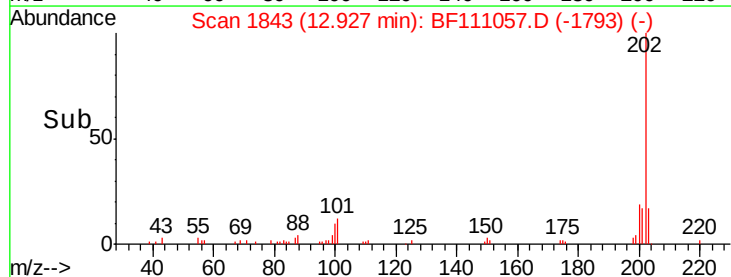
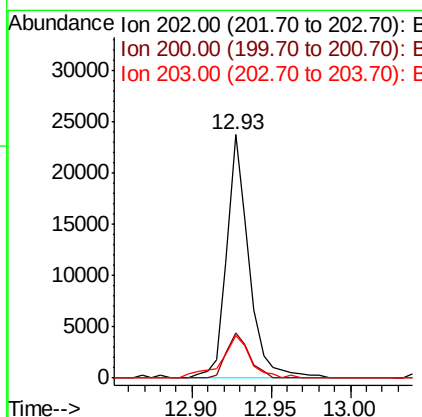
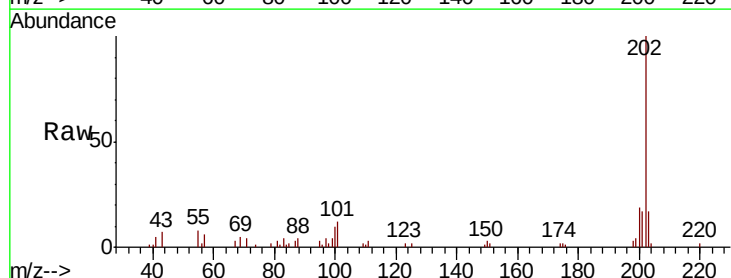
Instrument :
BNA_F
ClientSampleId :
J-1

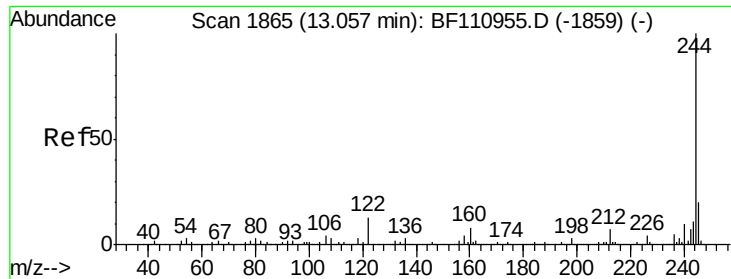
Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.3	12.5
236	24.3	21.2	31.8



#78
Pyrene
Concen: 2.648 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BF111057.D
Acq: 28 Nov 2018 20:39

Tgt Ion	Ratio	Lower	Upper
202	100		
200	18.7	17.8	26.6
203	17.3	14.2	21.4





#79

Terphenyl-d14

Concen: 55.237 ng

RT: 13.05 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BF111057.D

Acq: 28 Nov 2018 20:39

Instrument :

BNA_F

ClientSampleId :

J-1

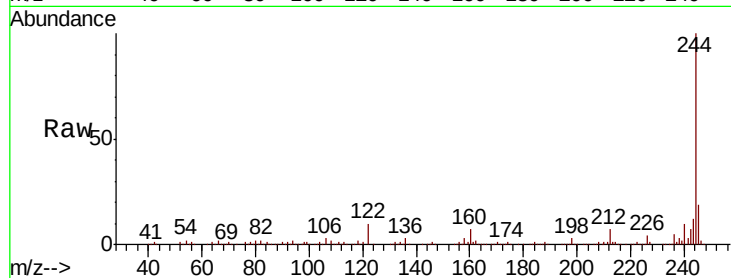
Tgt Ion:244 Resp: 339974

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

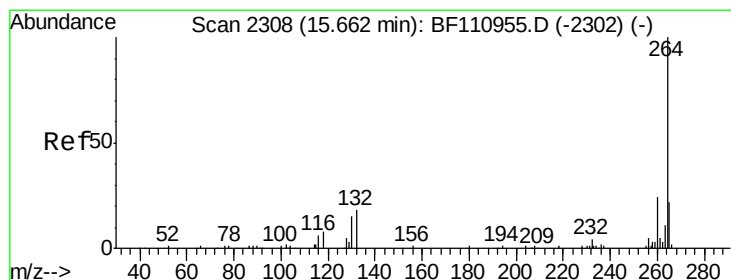
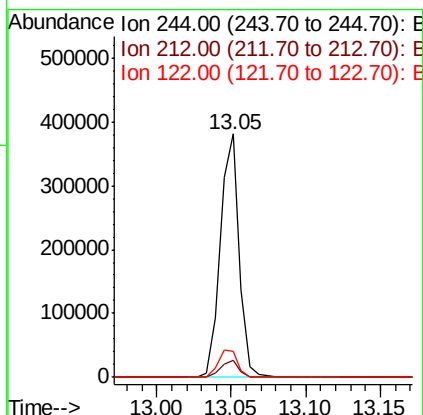
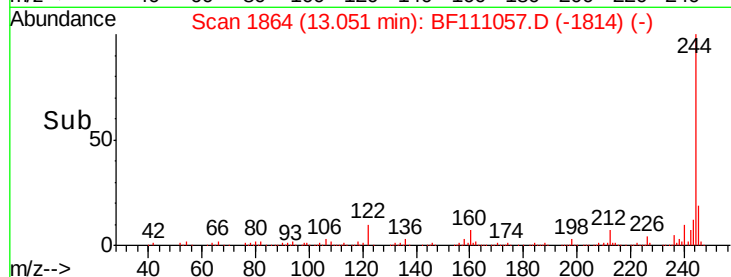
122 10.5 8.7 13.1



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

Perylene-d12

Concen: 20.000 ng

RT: 15.66 min Scan# 2308

Delta R.T. -0.01 min

Lab File: BF111057.D

Acq: 28 Nov 2018 20:39

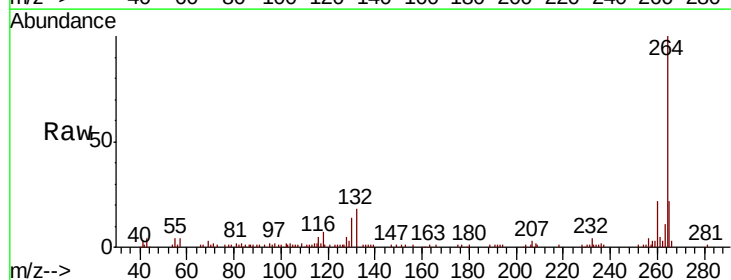
Tgt Ion:264 Resp: 91963

Ion Ratio Lower Upper

264 100

260 22.0 18.7 28.1

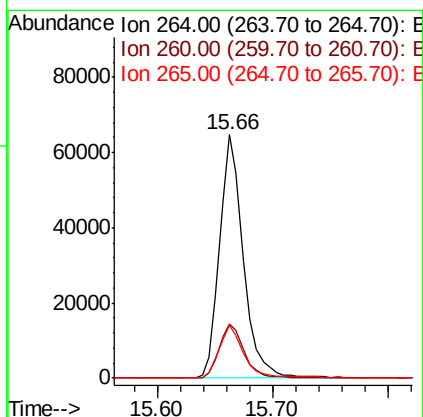
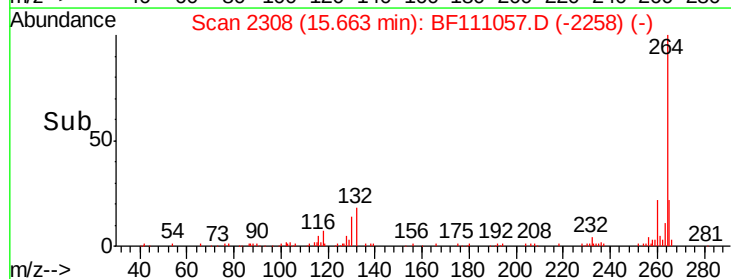
265 21.9 16.7 25.1

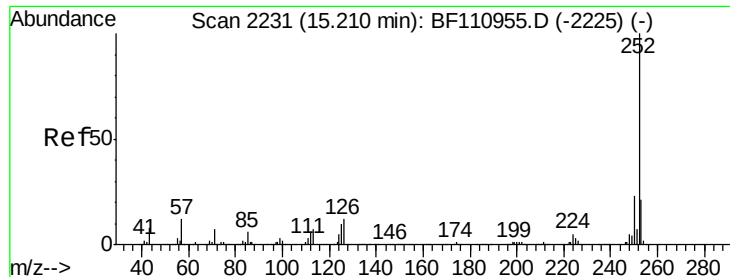


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 3.160 ng

RT: 15.22 min Scan# 2232

Delta R.T. 0.01 min

Lab File: BF111057.D

Acq: 28 Nov 2018 20:39

Instrument :

BNA_F

ClientSampled :

J-1

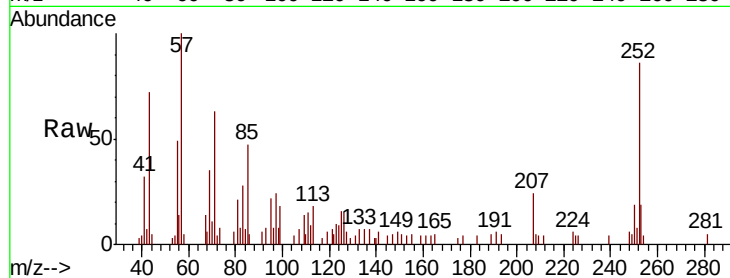
Tgt Ion:252 Resp: 17070

Ion Ratio Lower Upper

252 100

253 22.7 17.2 25.8

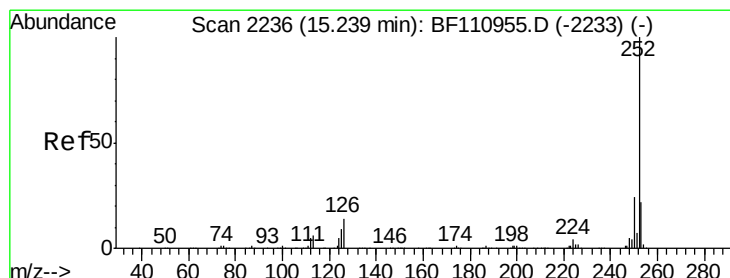
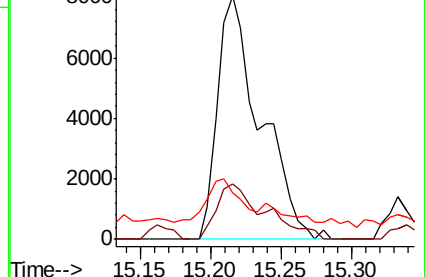
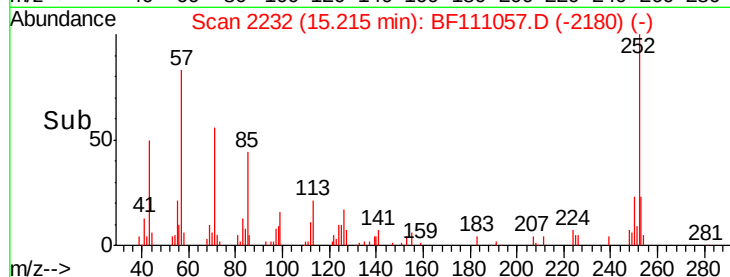
125 19.1 8.2 12.4#



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: 3.070 ng

RT: 15.22 min Scan# 2232

Delta R.T. -0.02 min

Lab File: BF111057.D

Acq: 28 Nov 2018 20:39

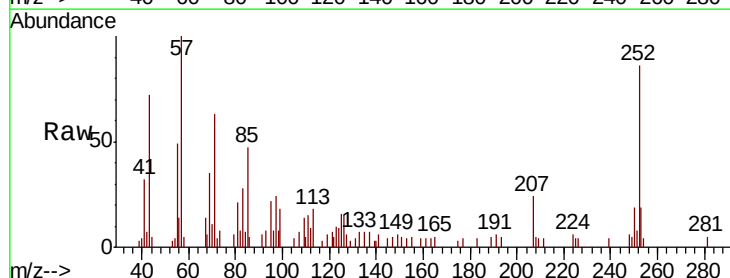
Tgt Ion:252 Resp: 17070

Ion Ratio Lower Upper

252 100

253 22.7 17.2 25.8

125 19.1 7.4 11.0#



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

