

Data File : BF111103.D
Acq On : 29 Nov 2018 21:05
Operator : JU/SJ
Sample : J6085-04 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NS

Quant Time: Nov 30 02:41:05 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 29 10:35:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	44285	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	199137	20.00	ng	0.00
39) Acenaphthene-d10	9.97	164	86322	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	117684	20.00	ng	0.00
76) Chrysene-d12	14.13	240	114961	20.00	ng	0.00
87) Perylene-d12	15.66	264	84057	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	8017	3.00	ng	0.06
7) Phenol-d6	6.63	99	8535	2.45	ng	0.06
23) Nitrobenzene-d5	7.53	82	23234	6.68	ng	0.02
42) 2,4,6-Tribromophenol	10.78	330	6161	7.19	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	49535	8.31	ng	0.00
79) Terphenyl-d14	13.06	244	39695	6.72	ng	0.00

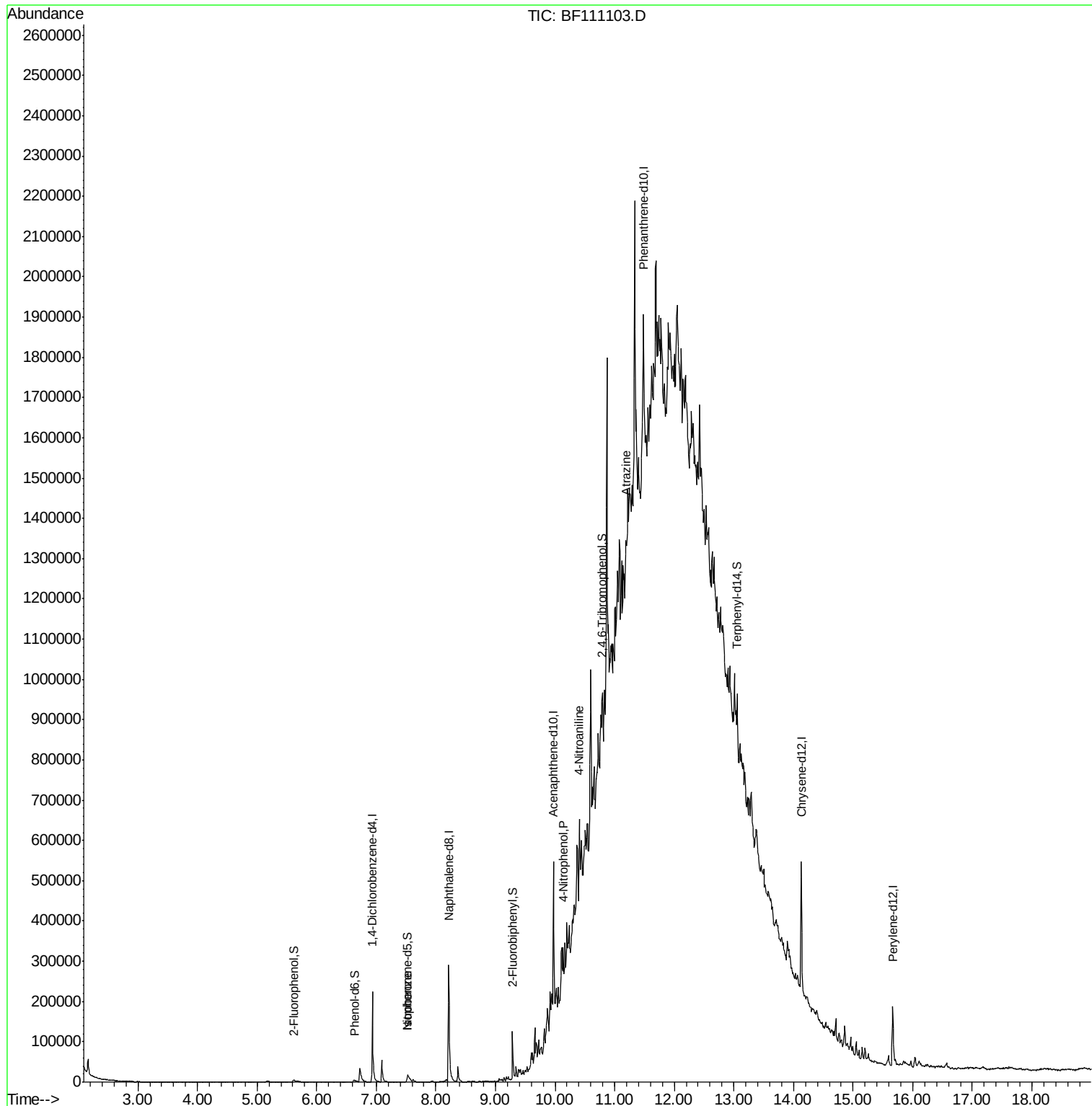
Target Compounds				Qvalue		
9) Benzaldehyde	6.72	77	119	Below Cal	#	1
25) Isophorone	7.53	82	23234	4.071 ng	#	67
56) 4-Nitrophenol	10.13	139	1002	5.277 ng	#	1
62) 4-Nitroaniline	10.42	138	3287	2.149 ng		85
69) Atrazine	11.18	200	1530	2.670 ng	#	1

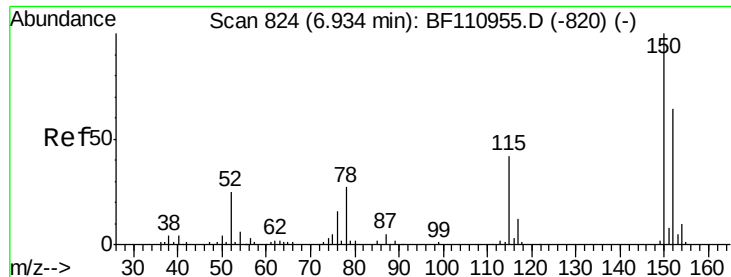
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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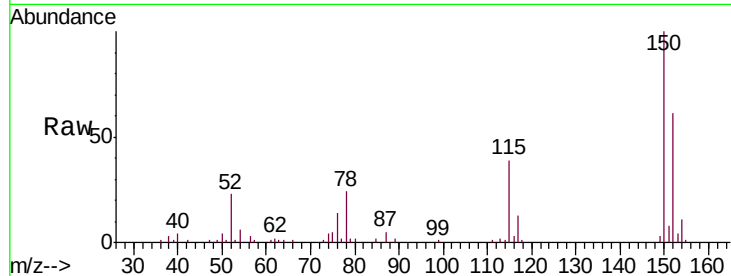


#1

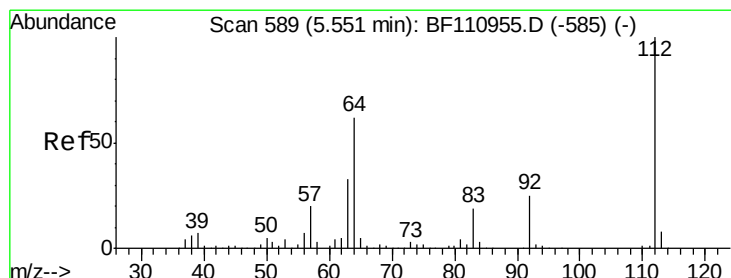
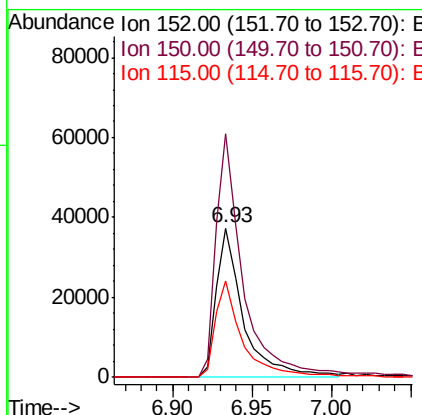
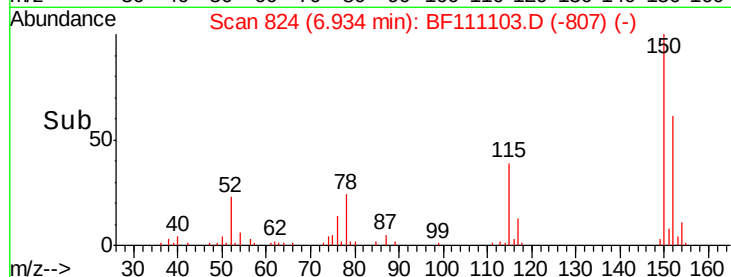
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BF111103.D
Acq: 29 Nov 2018 21:05

Instrument :
BNA_F
ClientSampleId :
NS

Tgt Ion:152 Resp: 44285
Ion Ratio Lower Upper
152 100
150 162.9 122.7 184.1
115 64.3 49.1 73.7



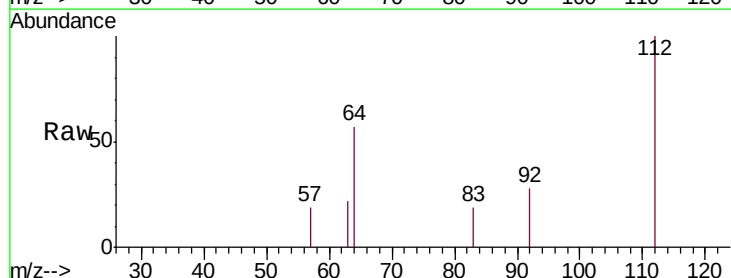
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



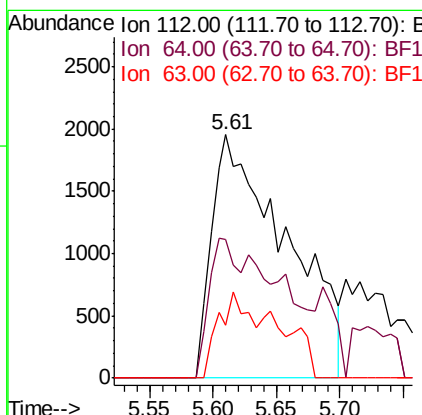
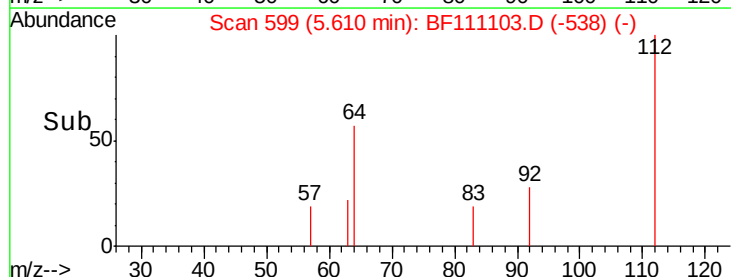
#5

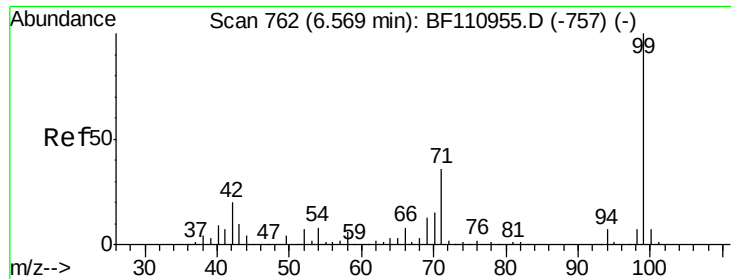
2-Fluorophenol
Concen: 3.002 ng
RT: 5.61 min Scan# 599
Delta R.T. 0.06 min
Lab File: BF111103.D
Acq: 29 Nov 2018 21:05

Tgt Ion:112 Resp: 8017
Ion Ratio Lower Upper
112 100
64 56.9 44.1 66.1
63 21.8 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: 2.453 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.06 min

Lab File: BF111103.D

Acq: 29 Nov 2018 21:05

Instrument :

BNA_F

ClientSampled :

NS

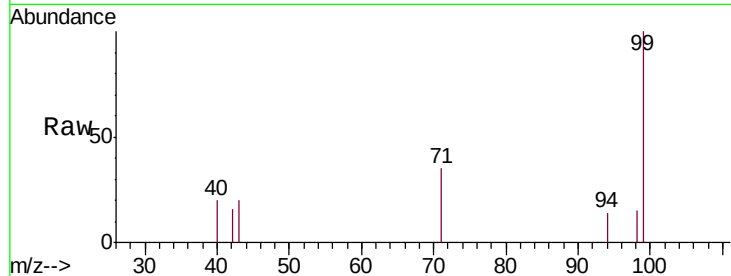
Tgt Ion: 99 Resp: 8535

Ion Ratio Lower Upper

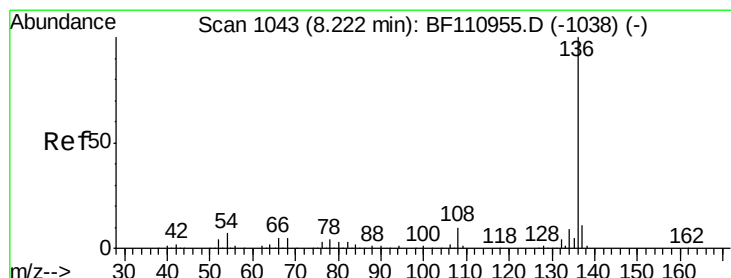
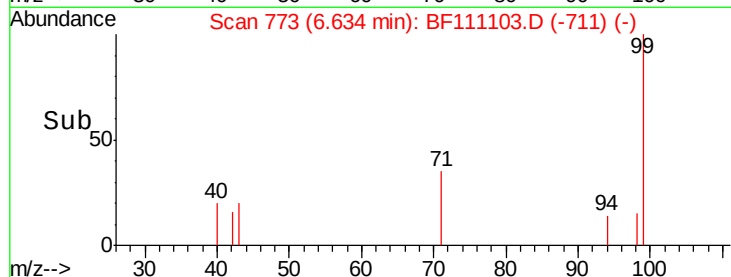
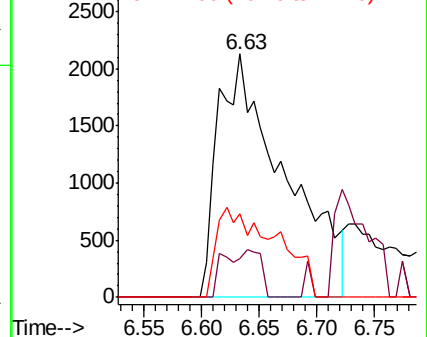
99 100

42 16.0 15.8 23.6

71 34.6 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.22 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BF111103.D

Acq: 29 Nov 2018 21:05

Tgt Ion: 136 Resp: 199137

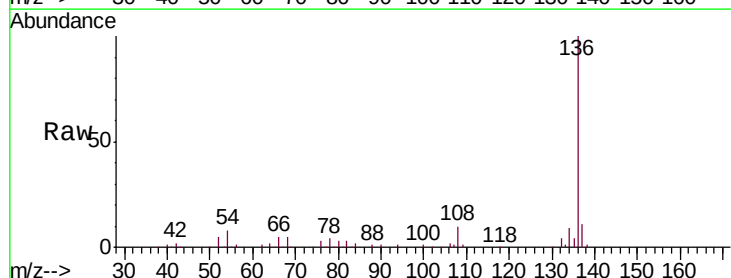
Ion Ratio Lower Upper

136 100

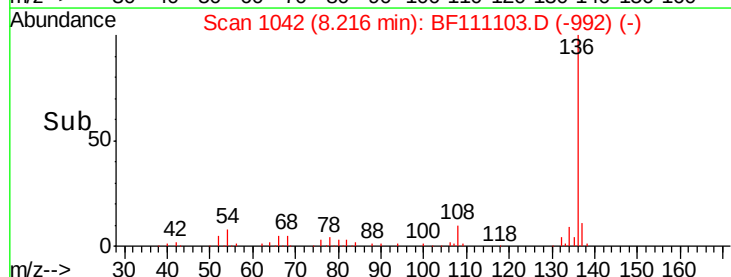
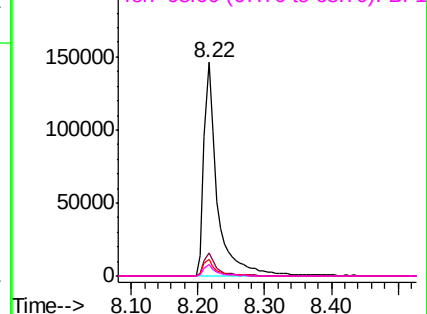
137 10.8 8.8 13.2

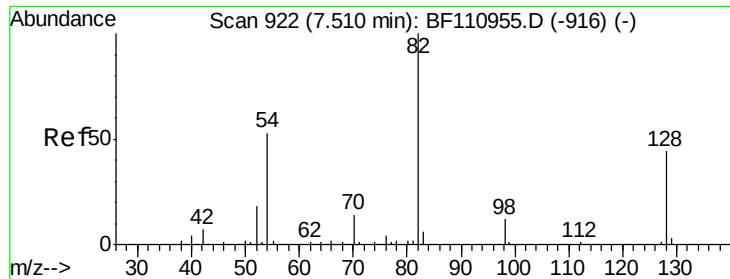
54 7.9 5.4 8.2

68 5.3 4.2 6.2



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

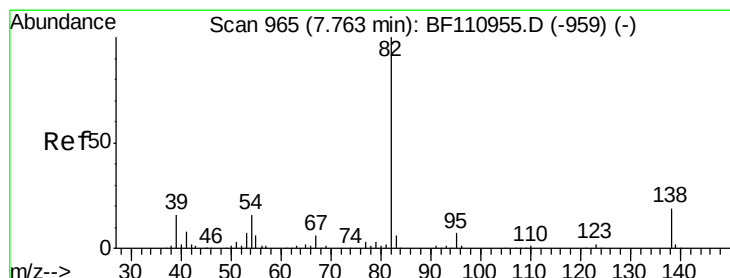
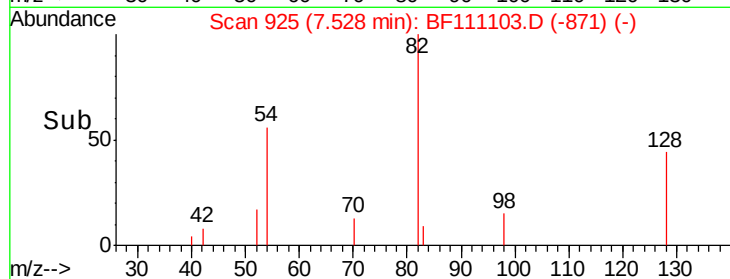
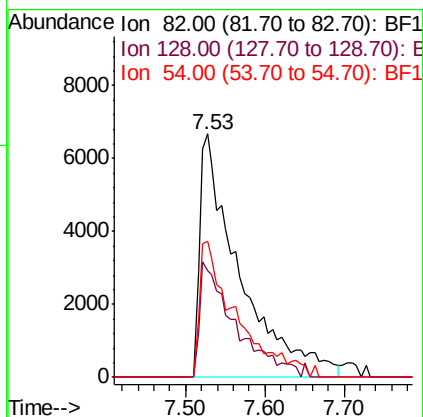
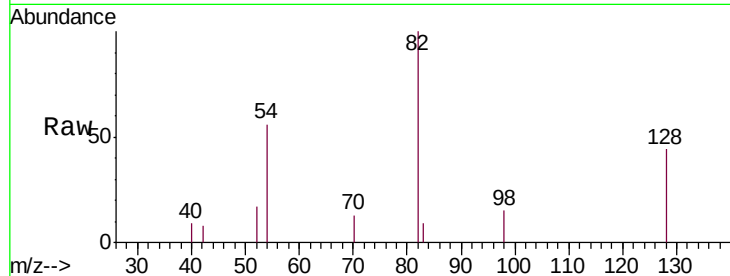




#23
 Nitrobenzene-d5
 Concen: 6.677 ng
 RT: 7.53 min Scan# 925
 Delta R.T. 0.02 min
 Lab File: BF111103.D
 Acq: 29 Nov 2018 21:05

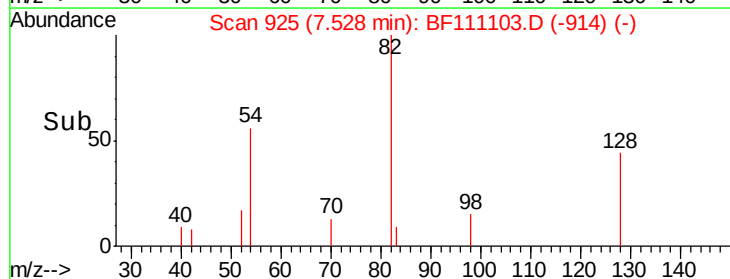
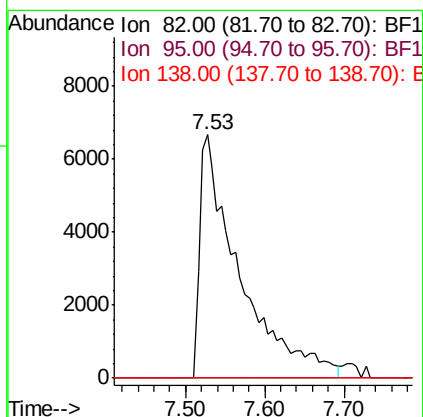
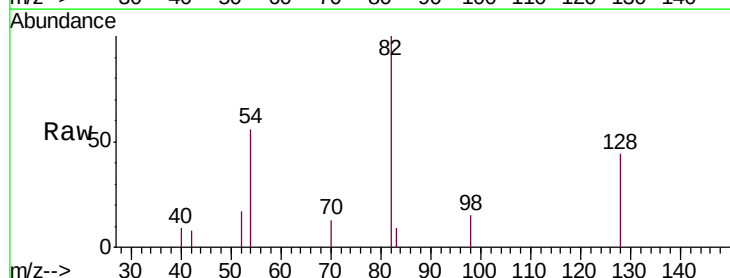
Instrument :
 BNA_F
 ClientSampleId :
 NS

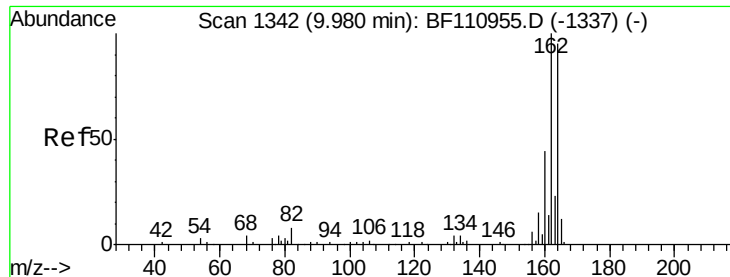
Tgt Ion: 82 Resp: 23234
 Ion Ratio Lower Upper
 82 100
 128 43.9 34.2 51.2
 54 55.7 38.6 58.0



#25
 Isophorone
 Concen: 4.071 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.24 min
 Lab File: BF111103.D
 Acq: 29 Nov 2018 21:05

Tgt Ion: 82 Resp: 23234
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.7 8.5#
 138 0.0 13.2 19.8#

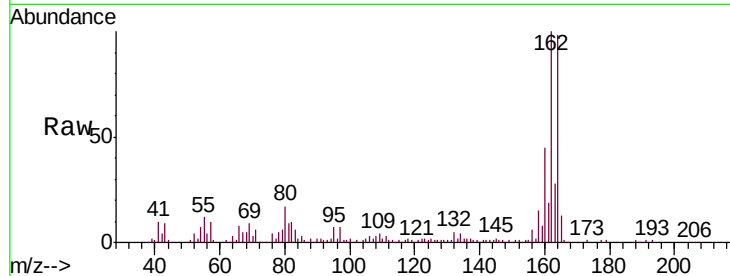




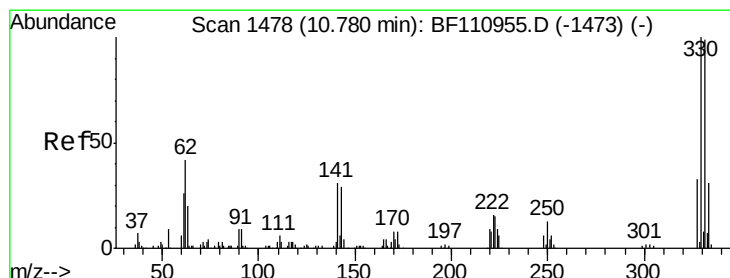
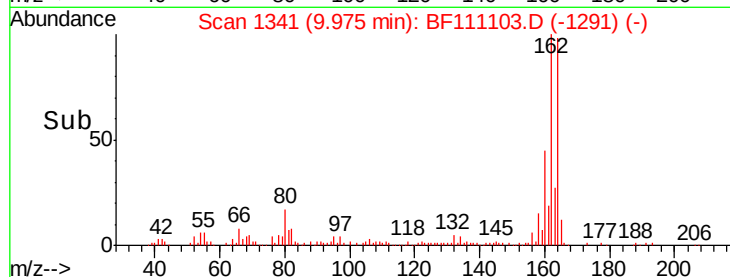
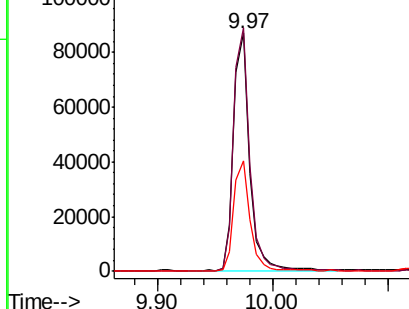
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. -0.01 min
 Lab File: BF111103.D
 Acq: 29 Nov 2018 21:05

Instrument :
 BNA_F
 ClientSampleId :
 NS

Tgt Ion:164 Resp: 86322
 Ion Ratio Lower Upper
 164 100
 162 102.3 83.0 124.6
 160 46.4 37.0 55.6

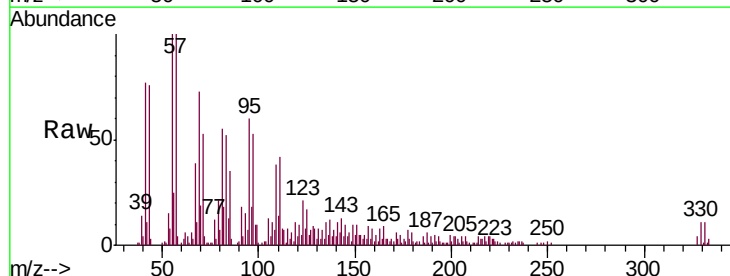


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

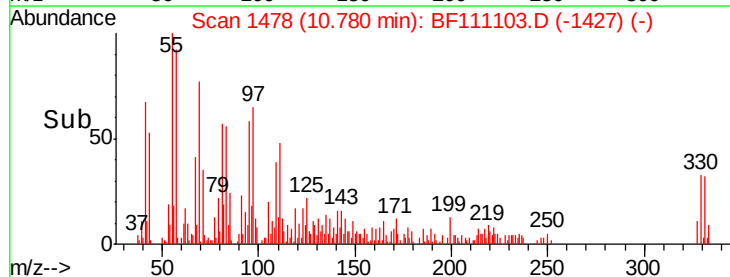
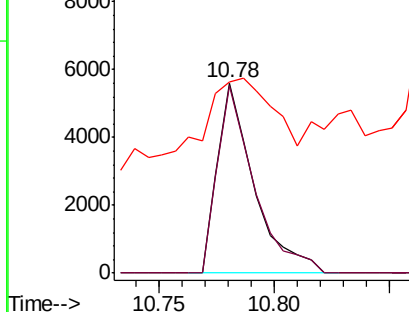


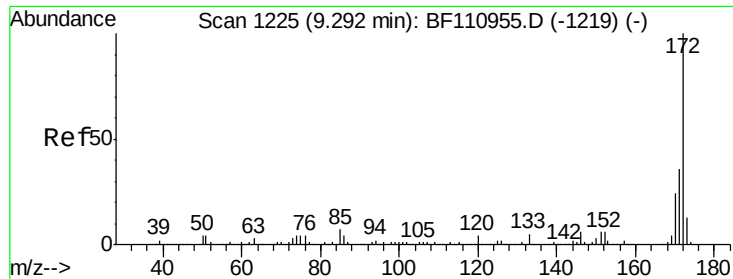
#42
 2,4,6-Tribromophenol
 Concen: 7.187 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.00 min
 Lab File: BF111103.D
 Acq: 29 Nov 2018 21:05

Tgt Ion:330 Resp: 6161
 Ion Ratio Lower Upper
 330 100
 332 98.8 77.1 115.7
 141 68.4 27.0 40.4#



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

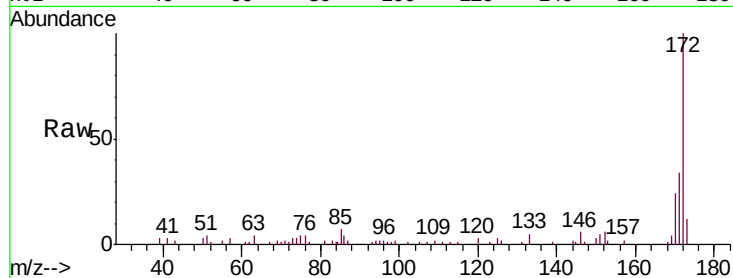




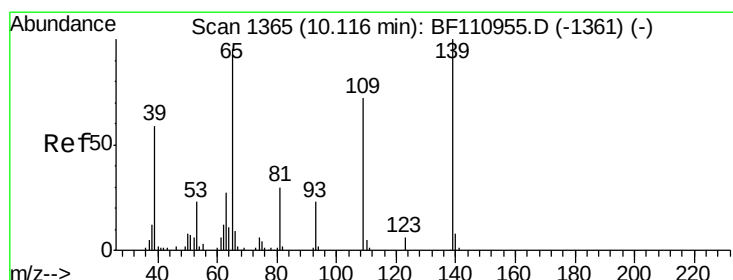
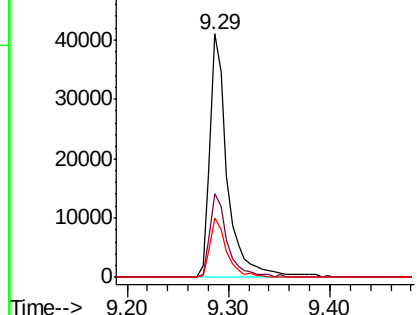
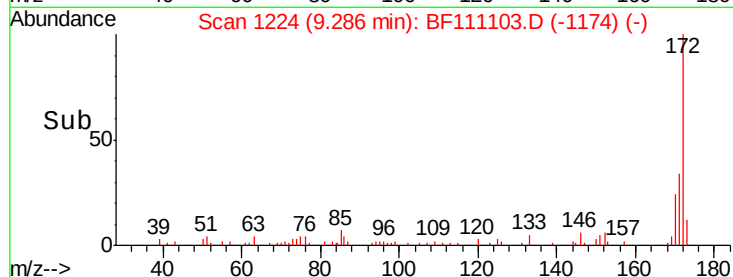
#45
 2-Fluorobiphenyl
 Concen: 8.314 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF111103.D
 Acq: 29 Nov 2018 21:05

Instrument :
 BNA_F
 ClientSampled :
 NS

Tgt Ion:172 Resp: 49535
 Ion Ratio Lower Upper
 172 100
 171 34.4 28.6 43.0
 170 24.2 19.7 29.5

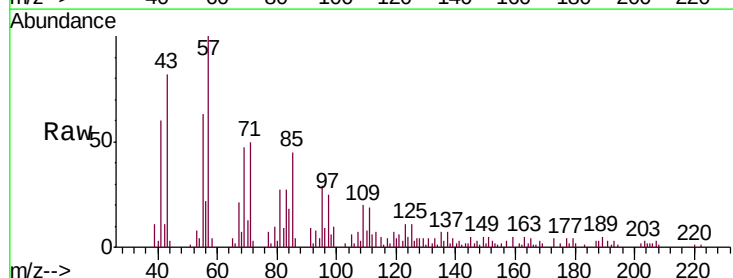


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

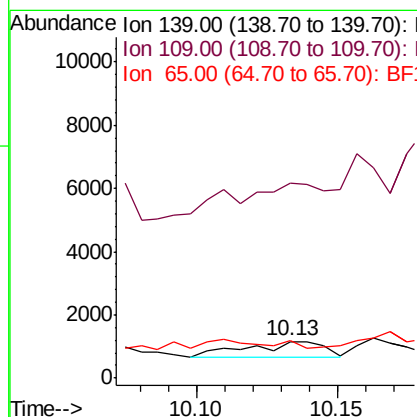
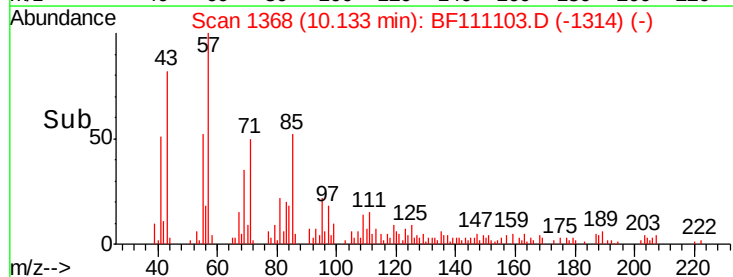


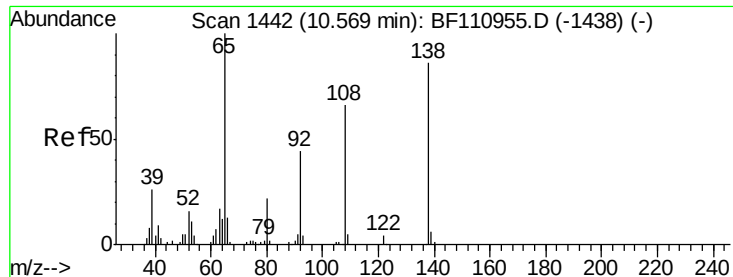
#56
 4-Nitrophenol
 Concen: 5.277 ng
 RT: 10.13 min Scan# 1368
 Delta R.T. 0.02 min
 Lab File: BF111103.D
 Acq: 29 Nov 2018 21:05

Tgt Ion:139 Resp: 1002
 Ion Ratio Lower Upper
 139 100
 109 529.4 55.8 95.8#
 65 101.2 77.9 117.9



Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): BF1





#62

4-Nitroaniline

Concen: 2.149 ng

RT: 10.42 min Scan# 1416

Delta R.T. -0.15 min

Lab File: BF111103.D

Acq: 29 Nov 2018 21:05

Instrument :

BNA_F

ClientSampleId :

NS

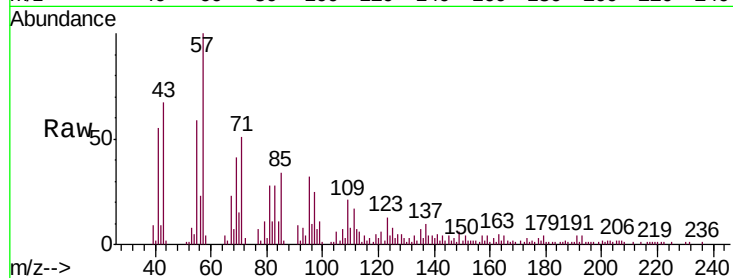
Tgt Ion:138 Resp: 3287

Ion Ratio Lower Upper

138 100

92 38.4 31.7 71.7

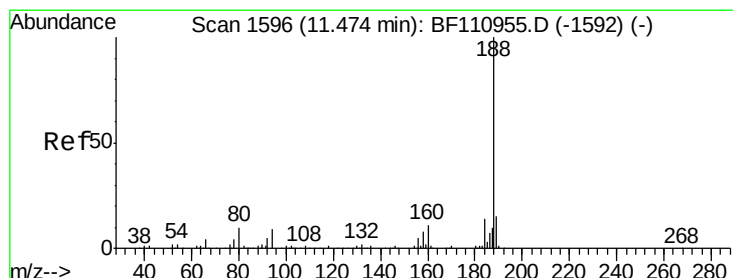
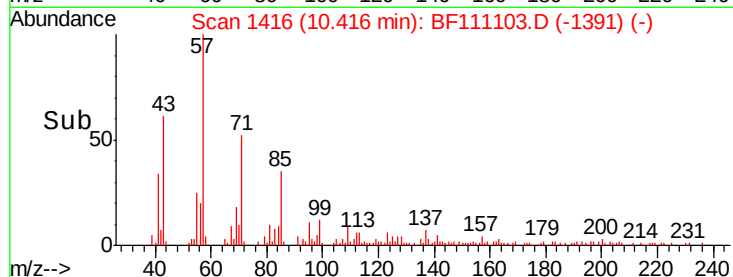
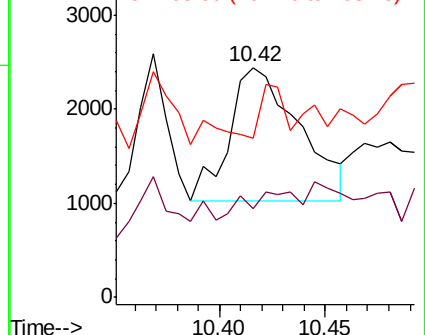
108 69.1 59.3 99.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.48 min Scan# 1597

Delta R.T. 0.01 min

Lab File: BF111103.D

Acq: 29 Nov 2018 21:05

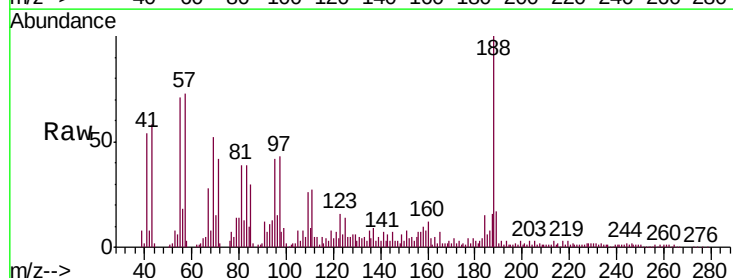
Tgt Ion:188 Resp: 117684

Ion Ratio Lower Upper

188 100

94 13.2 7.2 10.8#

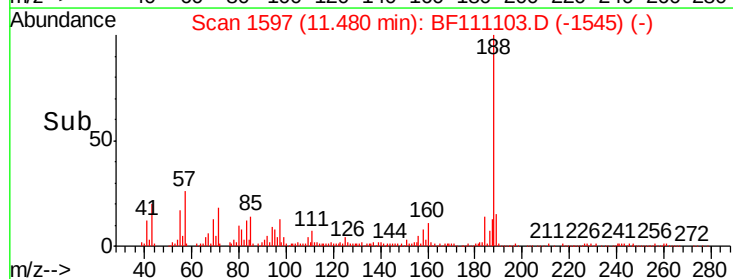
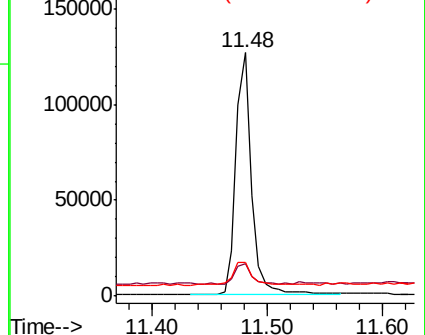
80 13.6 7.9 11.9#

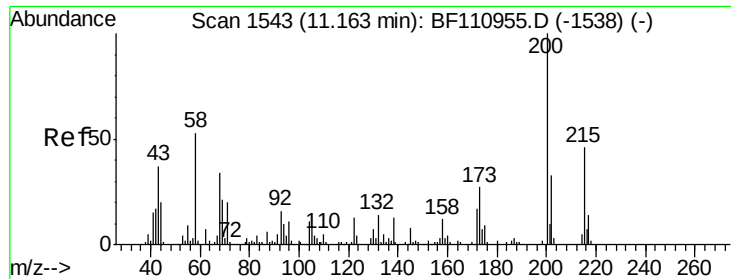


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

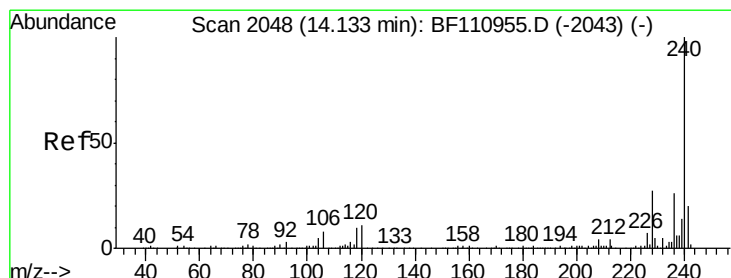
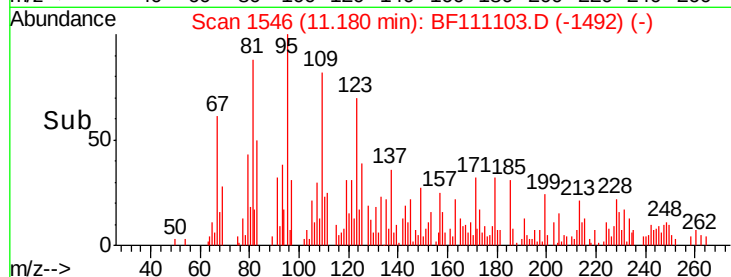
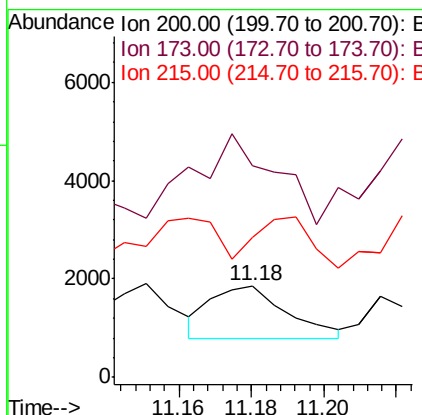
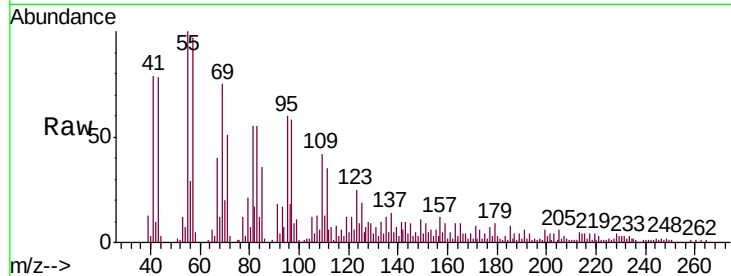




#69
Atrazine
Concen: 2.670 ng
RT: 11.18 min Scan# 1546
Delta R.T. 0.02 min
Lab File: BF111103.D
Acq: 29 Nov 2018 21:05

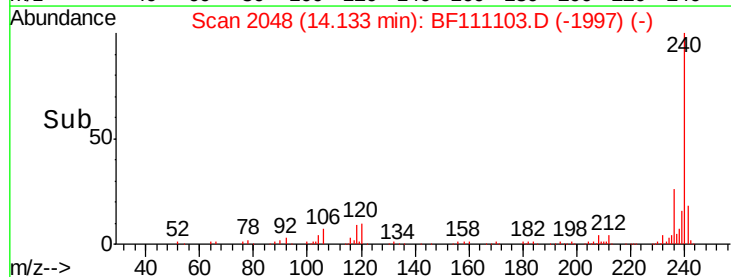
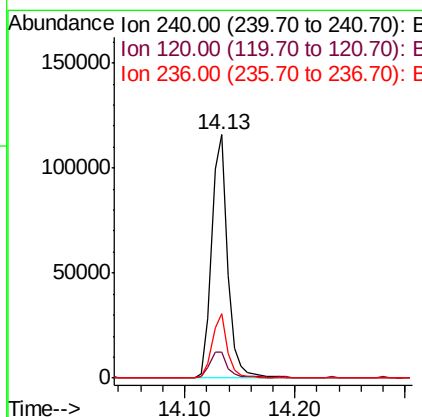
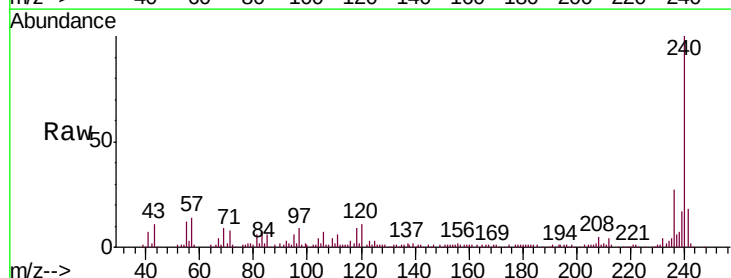
Instrument :
BNA_F
ClientSampleId :
NS

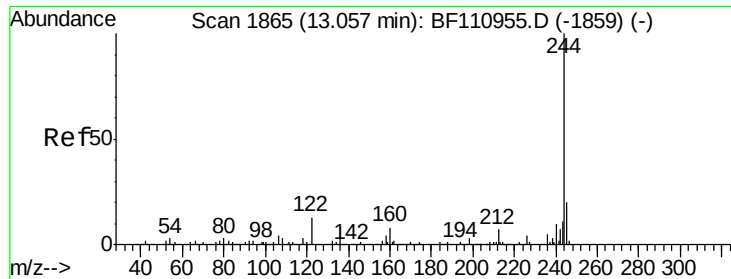
Tgt Ion:200 Resp: 1530
Ion Ratio Lower Upper
200 100
173 231.3 6.6 46.6#
215 154.0 26.3 66.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.00 min
Lab File: BF111103.D
Acq: 29 Nov 2018 21:05

Tgt Ion:240 Resp: 114961
Ion Ratio Lower Upper
240 100
120 10.5 8.3 12.5
236 26.6 21.2 31.8





#79

Terphenyl-d14

Concen: 6.722 ng

RT: 13.06 min Scan# 1865

Delta R.T. -0.00 min

Lab File: BF111103.D

Acq: 29 Nov 2018 21:05

Instrument :

BNA_F

ClientSampleId :

NS

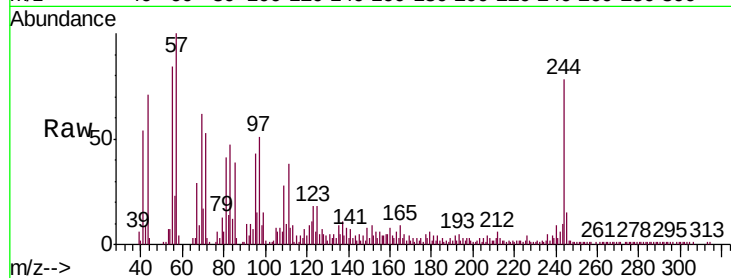
Tgt Ion:244 Resp: 39695

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

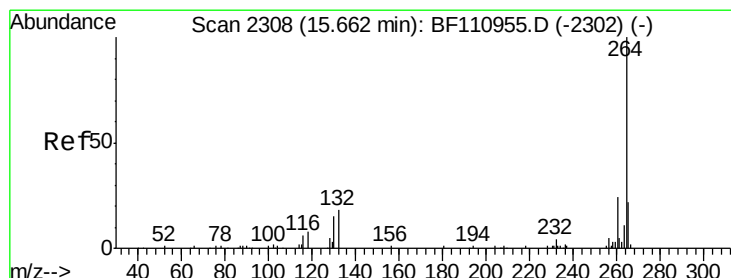
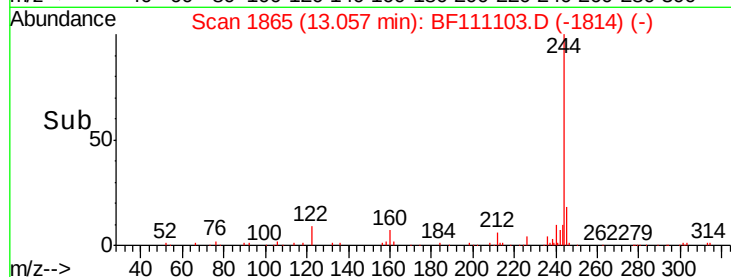
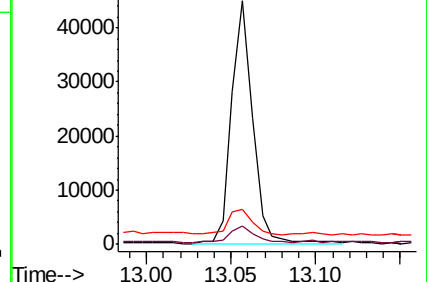
122 14.5 8.7 13.1#



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: BF111103.D

Acq: 29 Nov 2018 21:05

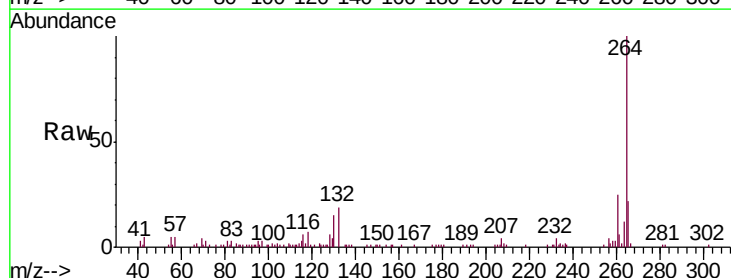
Tgt Ion:264 Resp: 84057

Ion Ratio Lower Upper

264 100

260 25.3 18.7 28.1

265 21.7 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

