

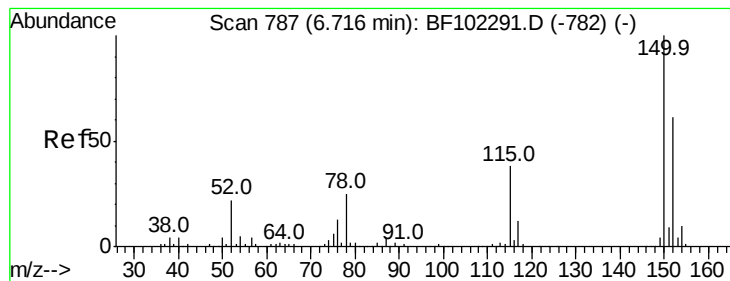
Data Path : U:\HPCHEM1\BNA F\DATA\BF013118\
 Data File : BF102674.D
 Acq On : 1 Feb 2018 00:08
 Operator : SJ/JU
 Sample : J1384-08 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 01 03:01:20 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 18:38:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	142851	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	536068	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	204101	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	197853	20.00	ng	0.02
75) Chrysene-d12	13.91	240	201784	20.00	ng	0.04
86) Perylene-d12	15.33	264	178719	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	493620	52.39	ng	0.02
7) Phenol-d6	6.38	99	590130	51.96	ng	0.02
23) Nitrobenzene-d5	7.28	82	330835	35.47	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	78145	38.64	ng	0.01
44) 2-Fluorobiphenyl	9.07	172	578144	41.65	ng	0.00
78) Terphenyl-d14	12.86	244	269237	30.08	ng	0.05
Target Compounds						
25) Isophorone	7.28	82	330835	19.894	ng	# 64
49) Dimethylphthalate	9.47	163	49890	2.957	ng	# 95
53) 2,4-Dinitrophenol	9.93	184	119	3.765	ng	# 57
70) Phenanthrene	11.27	178	47696	4.137	ng	# 55

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

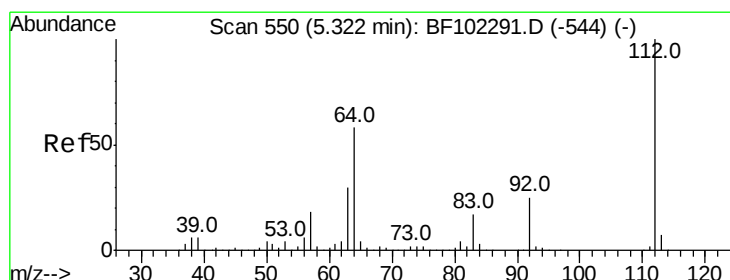
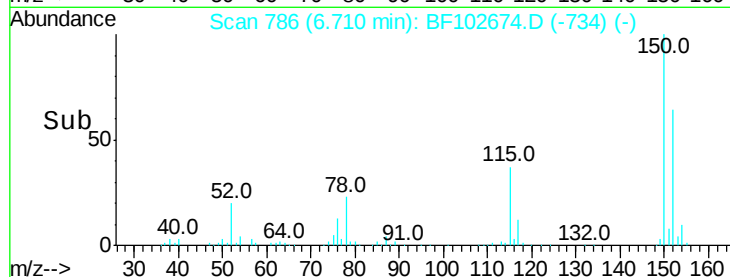
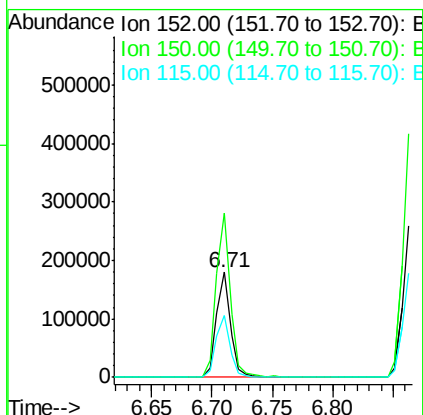
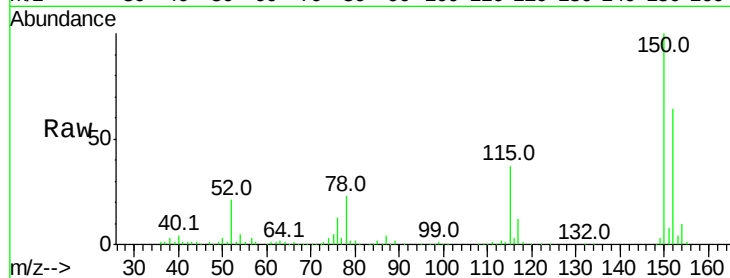


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.71 min Scan# 786
 Delta R.T. 0.01 min
 Lab File: BF102674.D
 Acq: 1 Feb 2018 00:08

Instrument :
 BNA_F
 ClientSampleId :

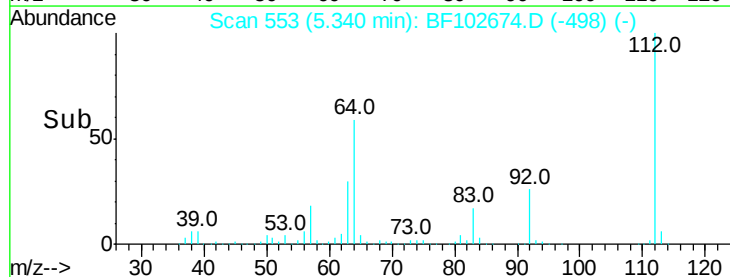
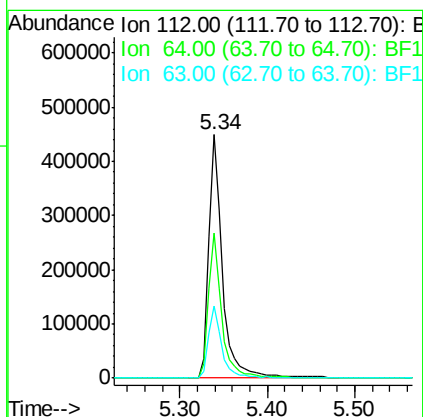
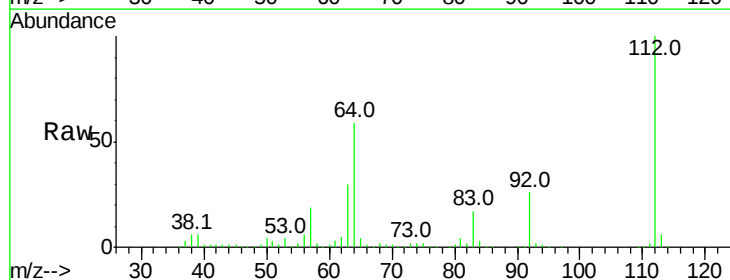
Tot Ion:152 Resp: 142851
 Ion Ratio Lower Upper
 152 100
 150 156.9 124.6 186.8
 115 58.6 50.1 75.1

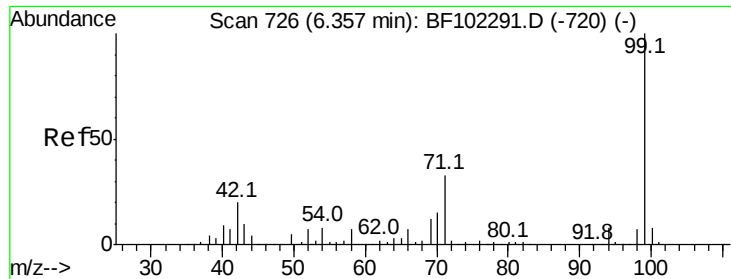


#5

2-Fluorophenol
 Concen: 52.394 ng
 RT: 5.34 min Scan# 553
 Delta R.T. 0.02 min
 Lab File: BF102674.D
 Acq: 1 Feb 2018 00:08

Tgt Ion:112 Resp: 493620
 Ion Ratio Lower Upper
 112 100
 64 59.4 47.9 71.9
 63 29.8 23.7 35.5





#7

Phenol-d6

Concen: 51.956 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.02 min

Lab File: BF102674.D

Acq: 1 Feb 2018 00:08

Instrument :

BNA_F

ClientSampleId :

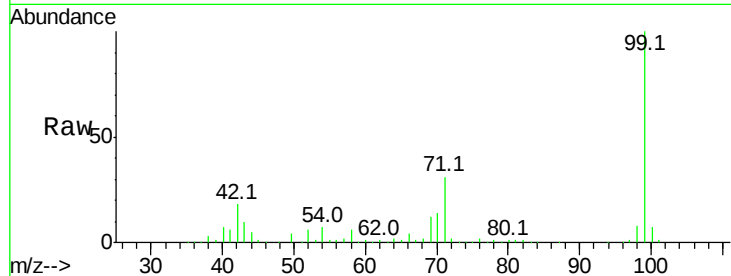
Tot Ion: 99 Resp: 590130

Ion Ratio Lower Upper

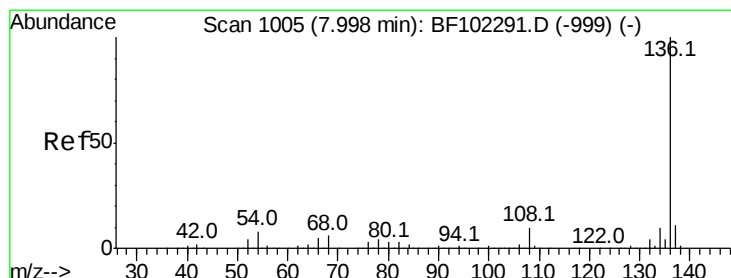
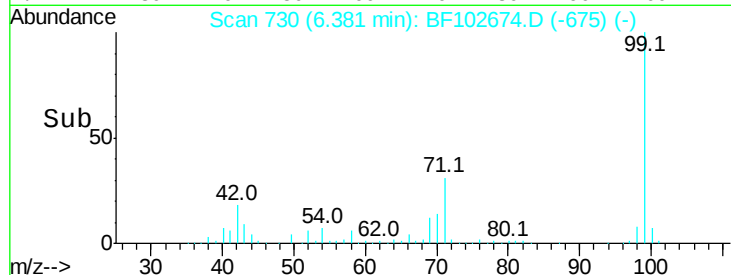
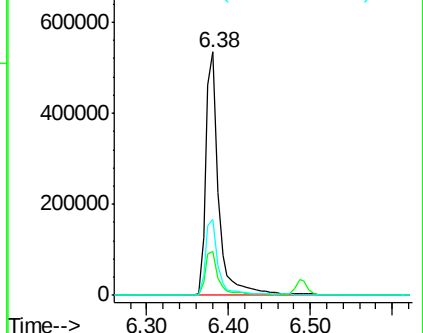
99 100

42 18.1 14.5 21.7

71 31.3 25.4 38.0



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: 7.99 min Scan# 1004

Delta R.T. 0.01 min

Lab File: BF102674.D

Acq: 1 Feb 2018 00:08

Tgt Ion: 136 Resp: 536068

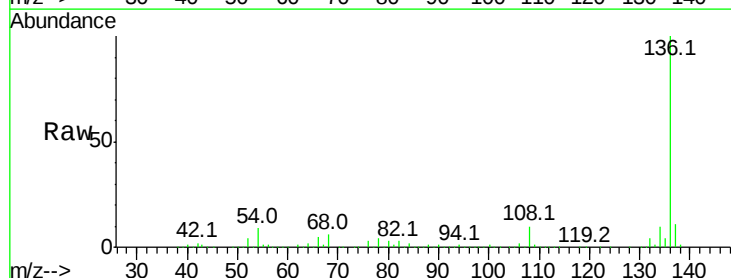
Ion Ratio Lower Upper

136 100

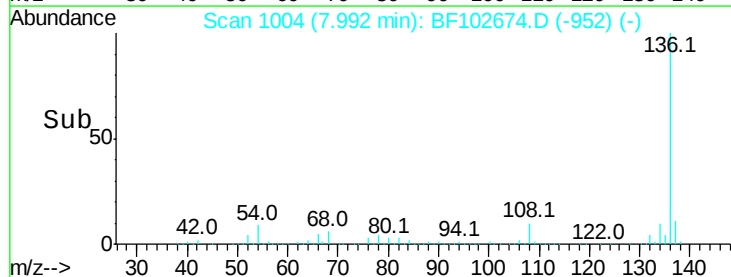
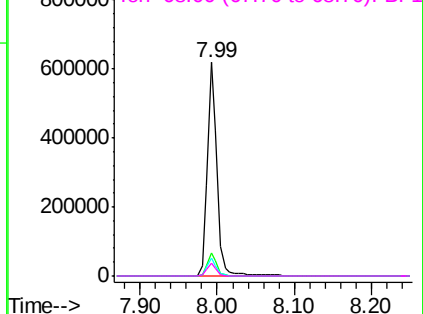
137 11.1 8.9 13.3

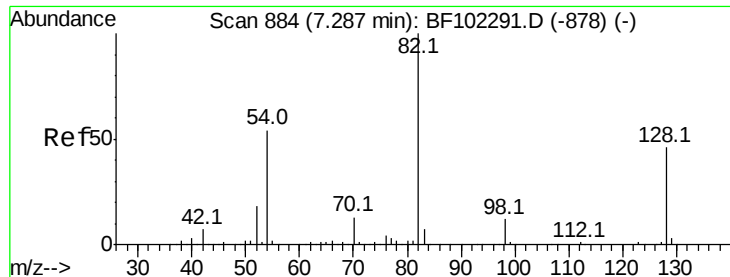
54 8.7 6.6 9.8

68 5.8 5.0 7.4



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: 35.466 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.00 min

Lab File: BF102674.D

Acq: 1 Feb 2018 00:08

Instrument :

BNA_F

ClientSampled :

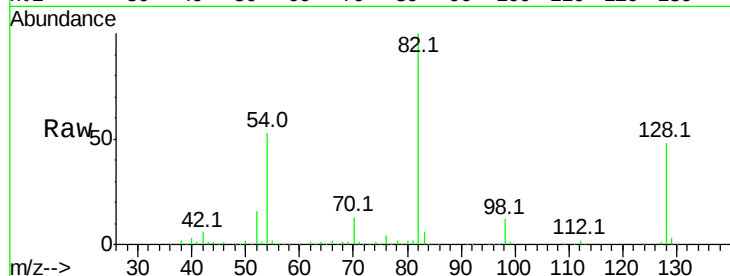
Tot Ion: 82 Resp: 330835

Ion Ratio Lower Upper

82 100

128 48.4 36.1 54.1

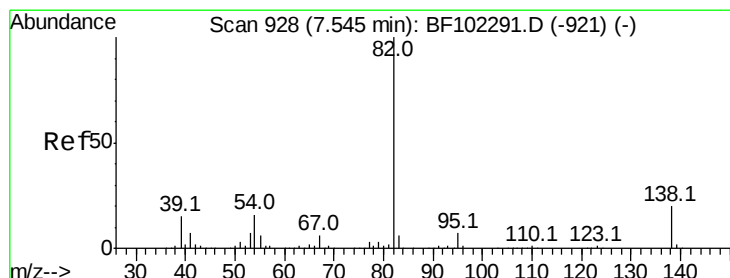
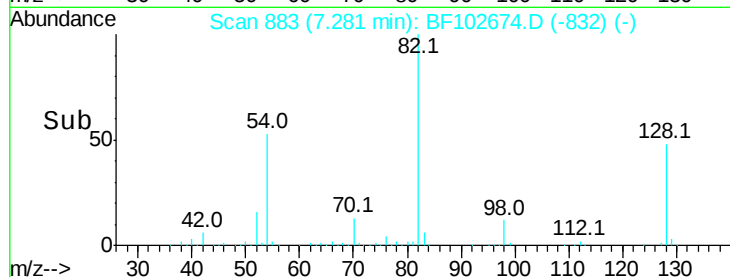
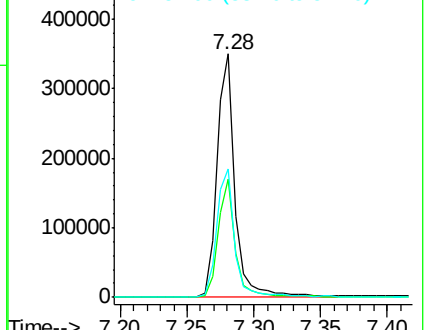
54 52.6 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#25

Isophorone

Concen: 19.894 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.25 min

Lab File: BF102674.D

Acq: 1 Feb 2018 00:08

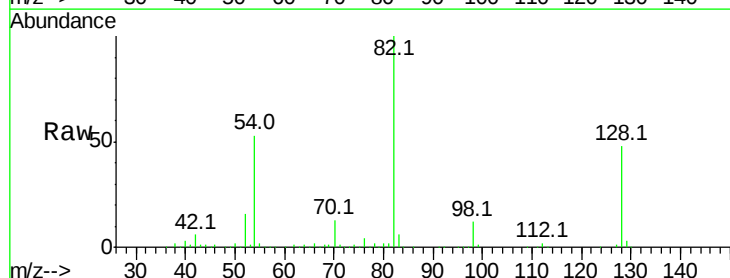
Tgt Ion: 82 Resp: 330835

Ion Ratio Lower Upper

82 100

95 0.1 5.2 7.8#

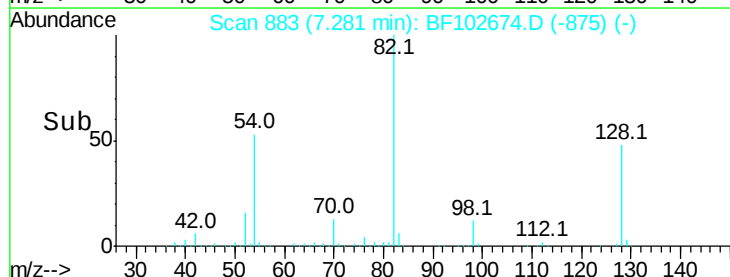
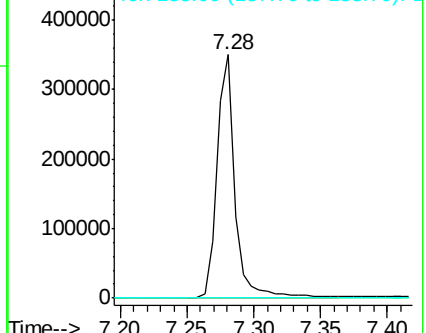
138 0.0 14.9 22.3#

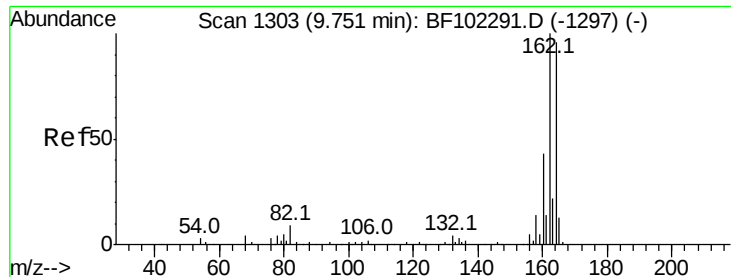


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1302

Delta R.T. 0.01 min

Lab File: BF102674.D

Acq: 1 Feb 2018 00:08

Instrument :

BNA_F

ClientSampleId :

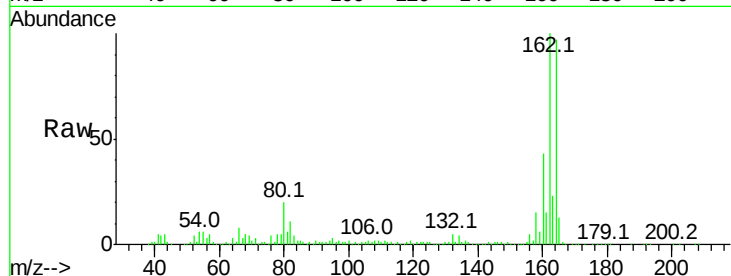
Tot Ion:164 Resp: 204101

Ion Ratio Lower Upper

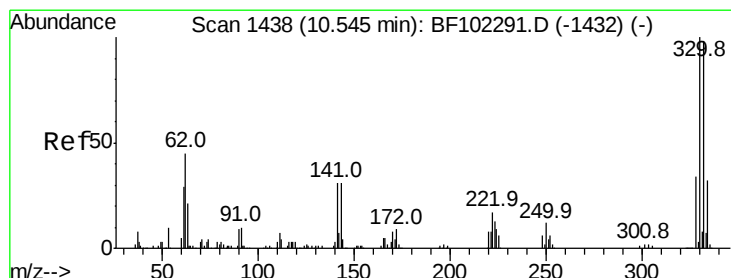
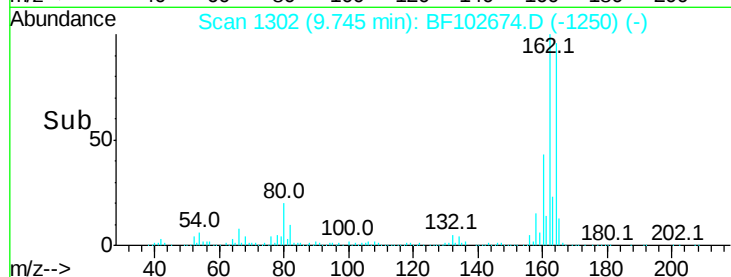
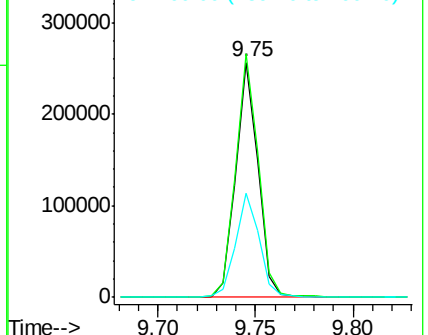
164 100

162 103.5 86.1 129.1

160 44.4 38.3 57.5



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



#41

2,4,6-Tribromophenol

Concen: 38.641 ng

RT: 10.55 min Scan# 1438

Delta R.T. 0.01 min

Lab File: BF102674.D

Acq: 1 Feb 2018 00:08

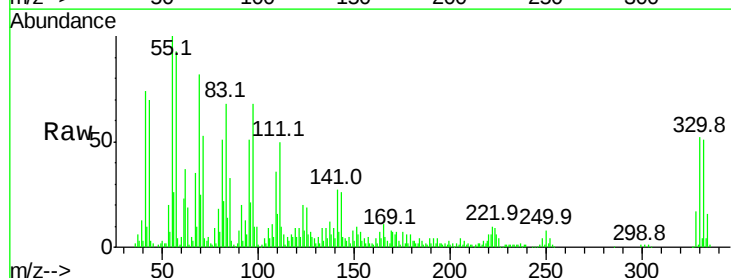
Tgt Ion:330 Resp: 78145

Ion Ratio Lower Upper

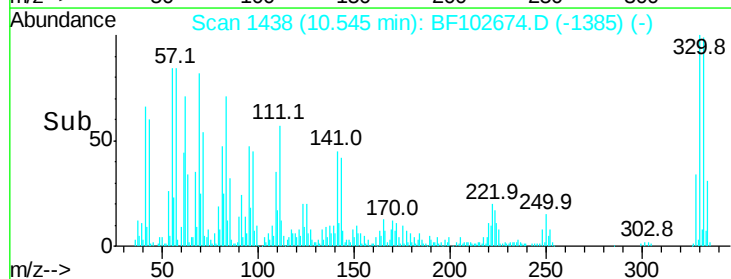
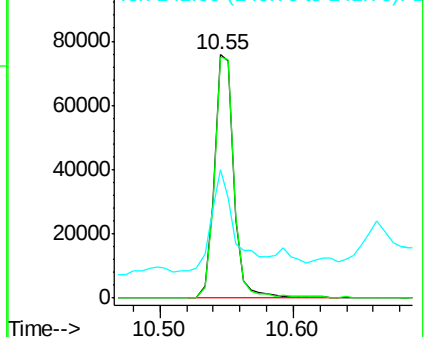
330 100

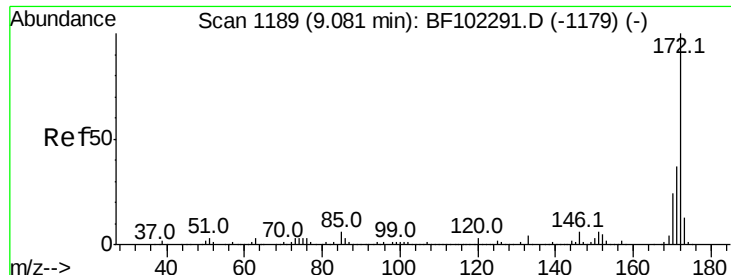
332 98.7 77.0 115.6

141 50.0 29.9 44.9#



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

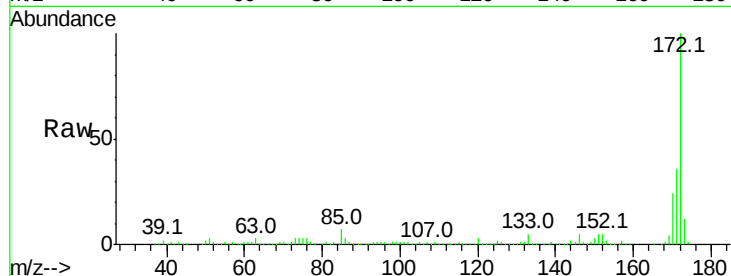




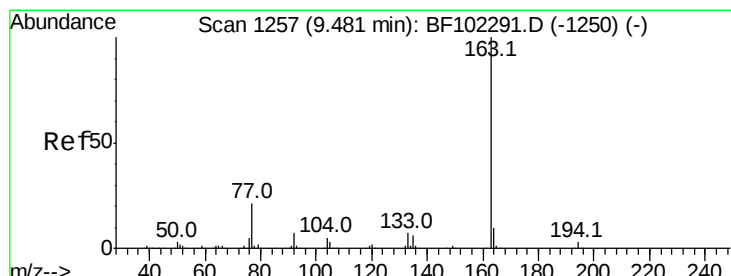
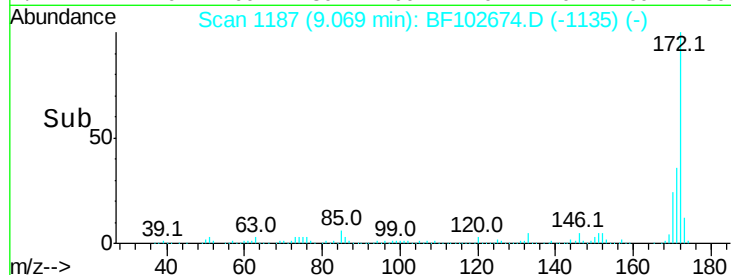
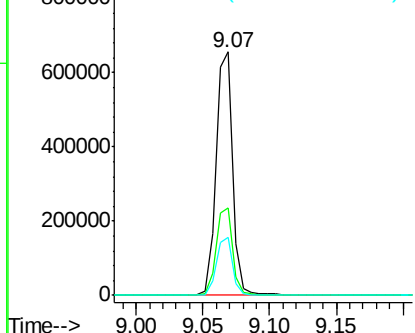
#44
 2-Fluorobiphenyl
 Concen: 41.650 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. 0.01 min
 Lab File: BF102674.D
 Acq: 1 Feb 2018 00:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 578144
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.7 44.5
 170 23.7 19.6 29.4

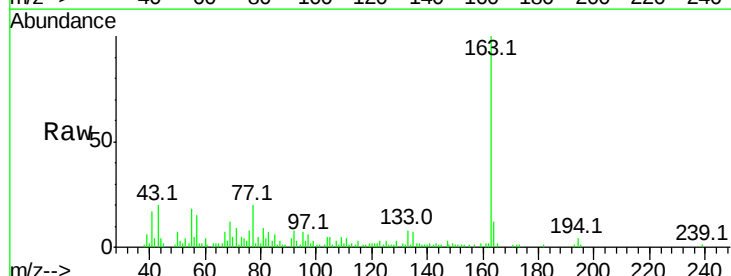


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

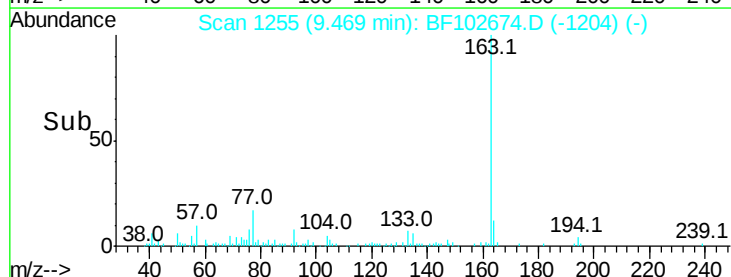
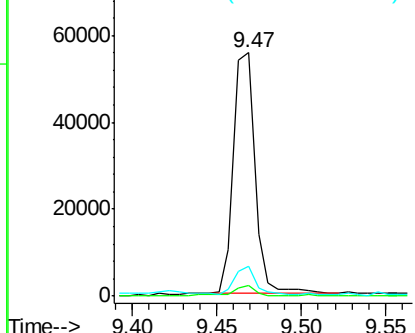


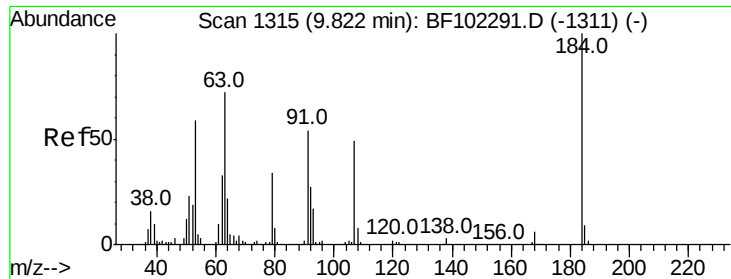
#49
 Dimethylphthalate
 Concen: 2.957 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. 0.00 min
 Lab File: BF102674.D
 Acq: 1 Feb 2018 00:08

Tgt Ion:163 Resp: 49890
 Ion Ratio Lower Upper
 163 100
 194 4.1 2.7 4.1#
 164 12.4 8.2 12.2#



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





#53

2,4-Dinitrophenol

Concen: 3.765 ng

RT: 9.93 min Scan# 1334

Delta R.T. 0.11 min

Lab File: BF102674.D

Acq: 1 Feb 2018 00:08

Instrument :

BNA_F

ClientSampleId :

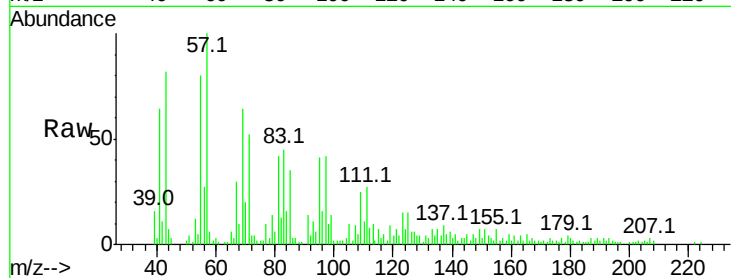
Tot Ion:184 Resp: 119

Ion Ratio Lower Upper

184 100

63 157.6 54.2 81.2#

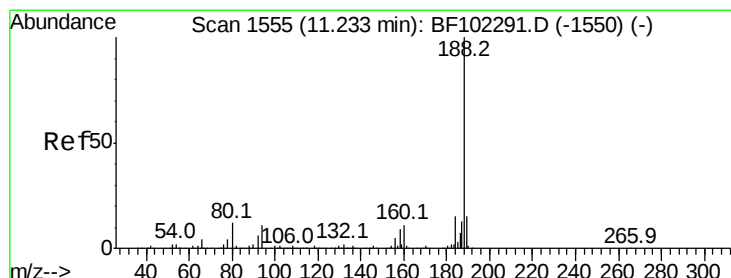
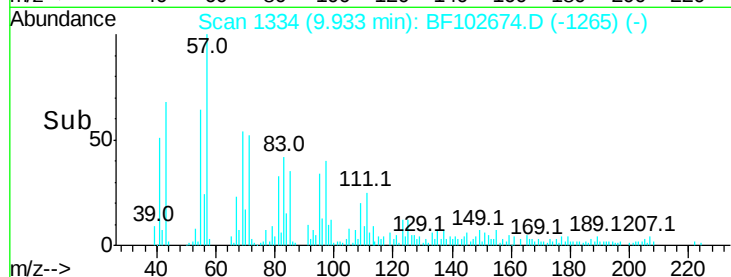
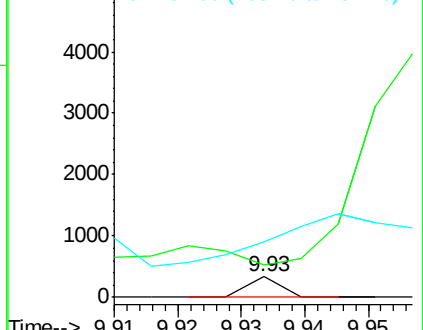
154 268.5 184.0 276.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.25 min Scan# 1558

Delta R.T. 0.02 min

Lab File: BF102674.D

Acq: 1 Feb 2018 00:08

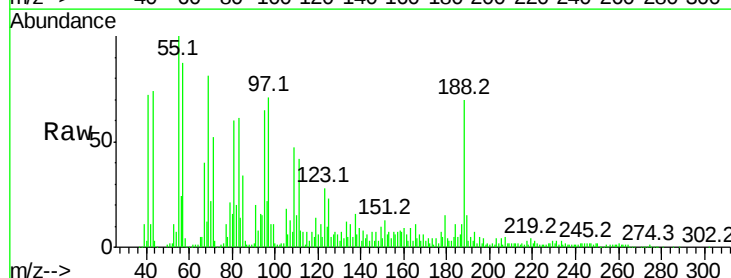
Tgt Ion:188 Resp: 197853

Ion Ratio Lower Upper

188 100

94 21.2 8.5 12.7#

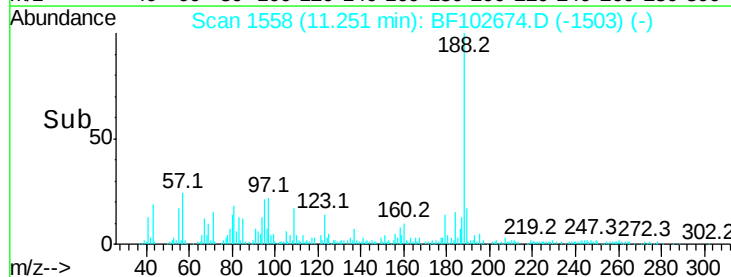
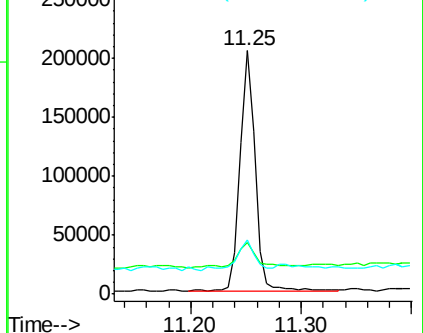
80 22.2 9.2 13.8#

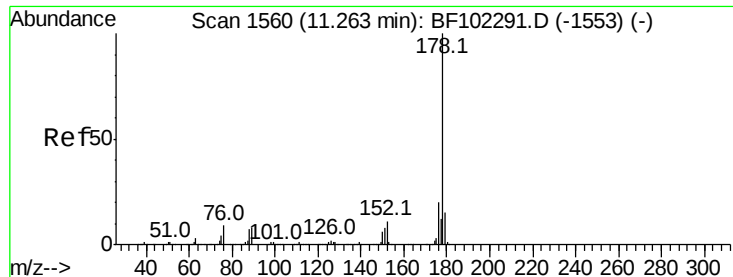


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

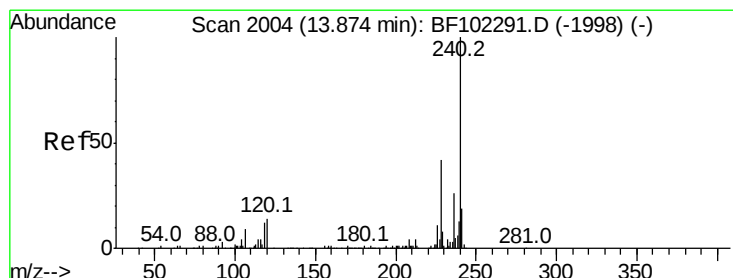
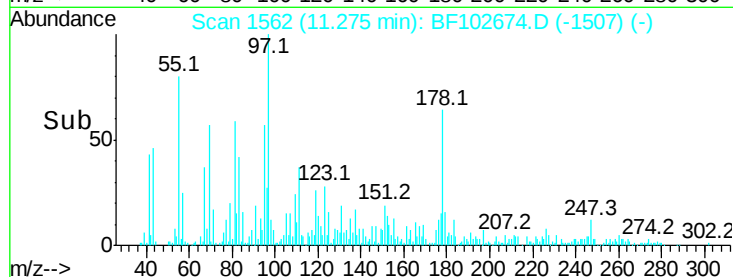
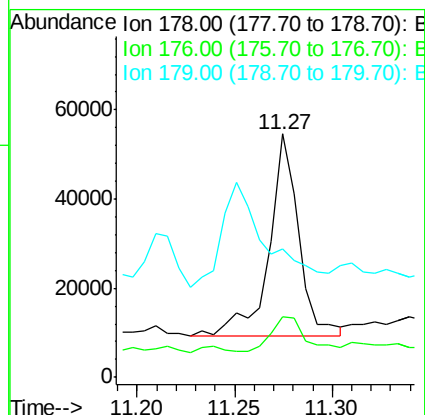
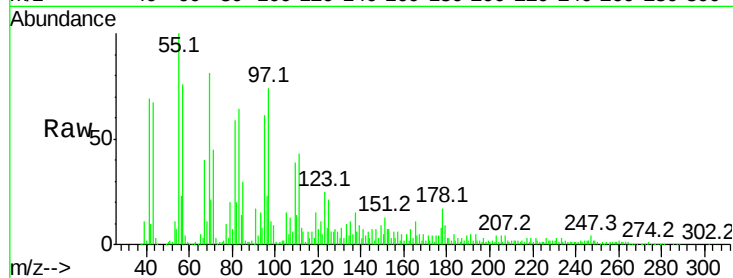




#70
Phenanthrene
Concen: 4.137 ng
RT: 11.27 min Scan# 1562
Delta R.T. 0.02 min
Lab File: BF102674.D
Acq: 1 Feb 2018 00:08

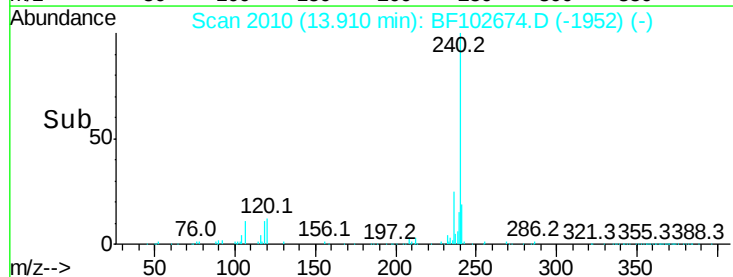
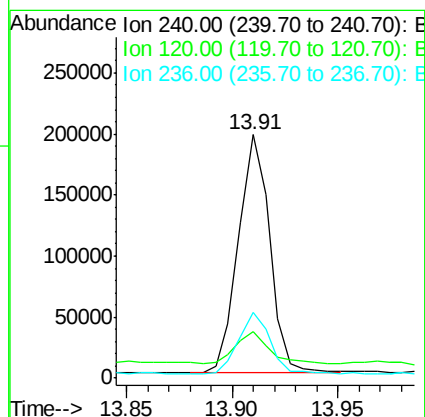
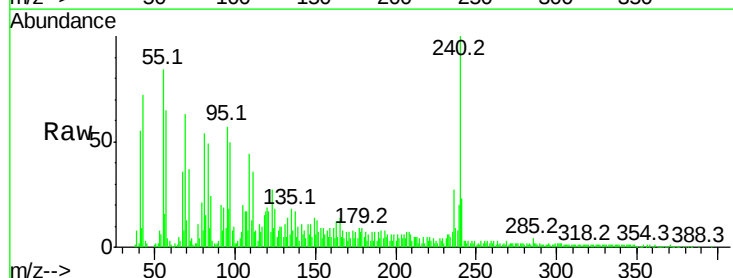
Instrument :
BNA_F
ClientSampleId :

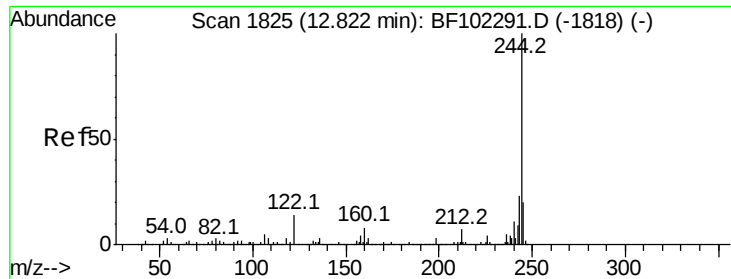
Tot Ion:178 Resp: 47696
Ion Ratio Lower Upper
178 100
176 25.1 15.8 23.8#
179 52.7 13.0 19.6#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.91 min Scan# 2010
Delta R.T. 0.04 min
Lab File: BF102674.D
Acq: 1 Feb 2018 00:08

Tgt Ion:240 Resp: 201784
Ion Ratio Lower Upper
240 100
120 19.0 9.5 14.3#
236 27.1 20.7 31.1

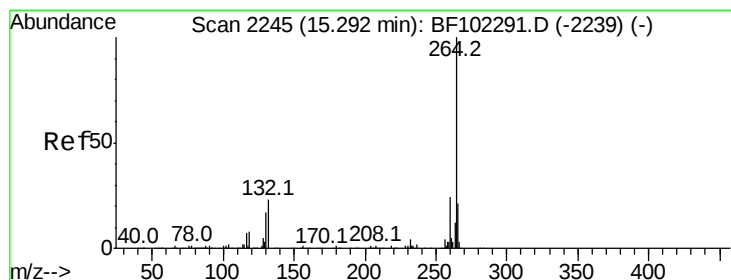
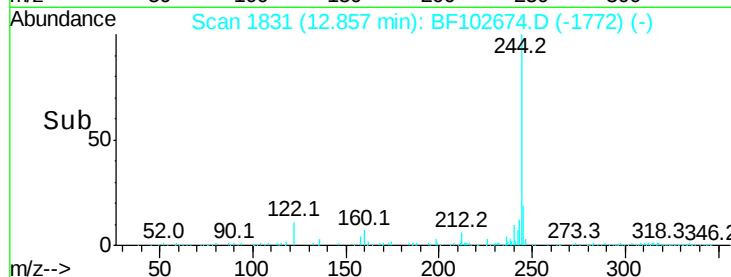
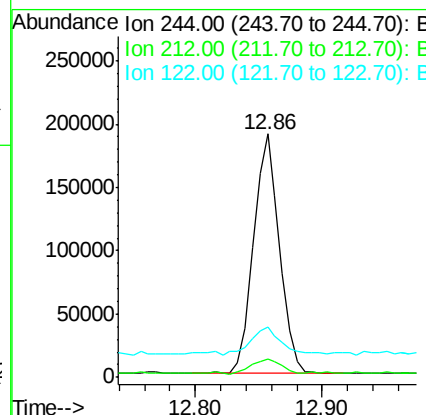
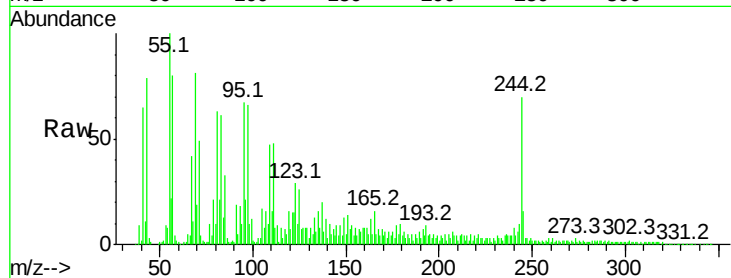




#78
 Terphenyl-d14
 Concen: 30.080 ng
 RT: 12.86 min Scan# 1831
 Delta R.T. 0.05 min
 Lab File: BF102674.D
 Acq: 1 Feb 2018 00:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 269237
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.4 8.0
 122 20.8 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.33 min Scan# 2251
 Delta R.T. 0.04 min
 Lab File: BF102674.D
 Acq: 1 Feb 2018 00:08

Tgt Ion:264 Resp: 178719
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.2 28.8
 265 23.6 17.5 26.3

