

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021318\
 Data File : BF102975.D
 Acq On : 13 Feb 2018 21:22
 Operator : SJ/JU
 Sample : PB106515BL
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB106515BL

Quant Time: Feb 14 02:41:39 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 00:38:27 2018
 Response via : Initial Calibration

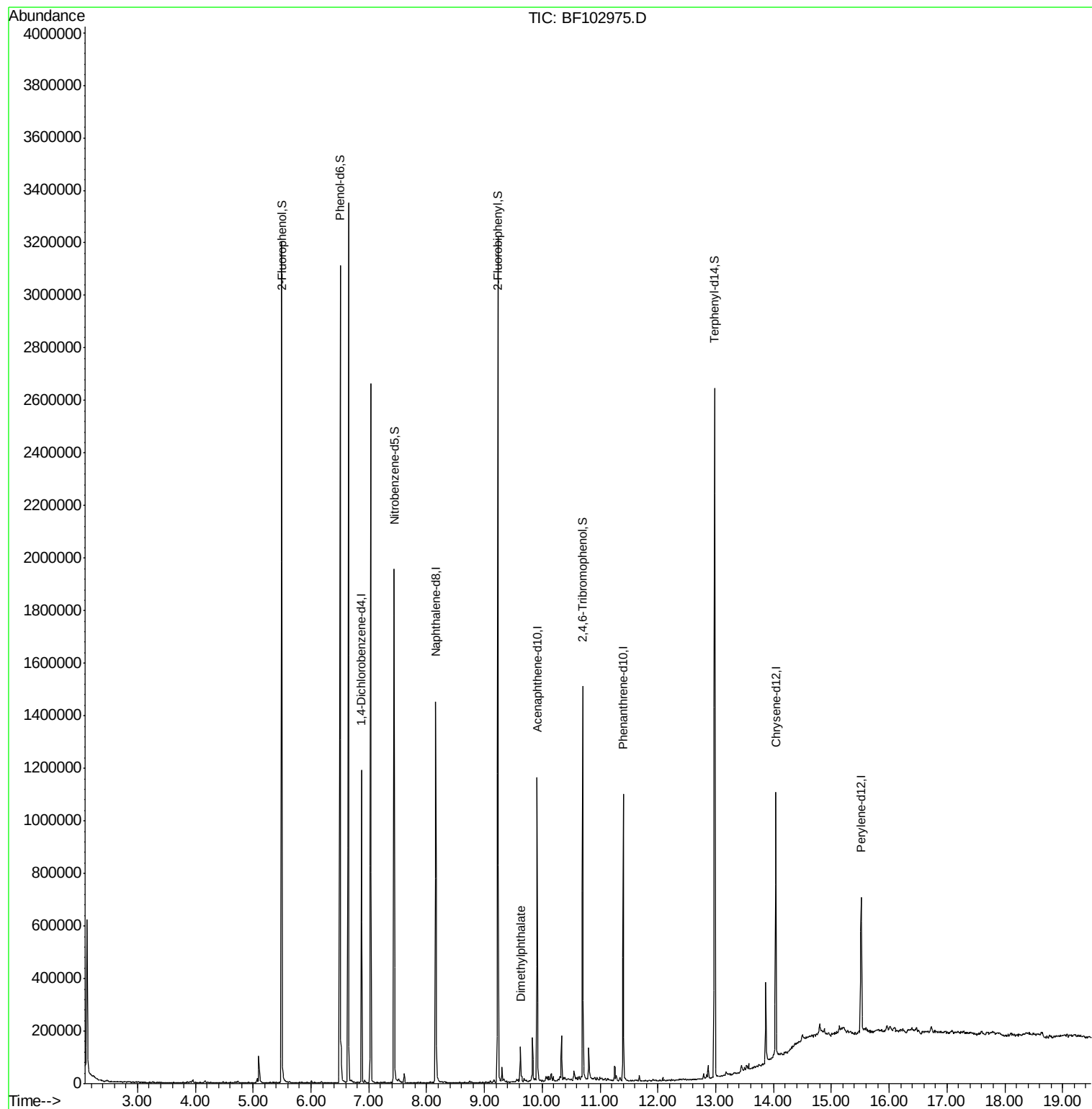
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	151734	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	594960	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	226632	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	358598	20.00	ng	0.00
75) Chrysene-d12	14.04	240	300134	20.00	ng	0.00
86) Perylene-d12	15.52	264	218126	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	888337	88.91	ng	0.00
7) Phenol-d6	6.50	99	1032294	85.81	ng	0.00
23) Nitrobenzene-d5	7.44	82	623384	72.68	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	164265	90.05	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1007707	73.78	ng	0.00
78) Terphenyl-d14	12.98	244	858321	67.71	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.62	163	39629	2.243	ng	Qvalue 100

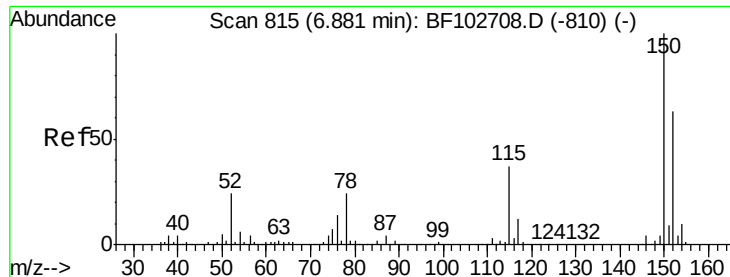
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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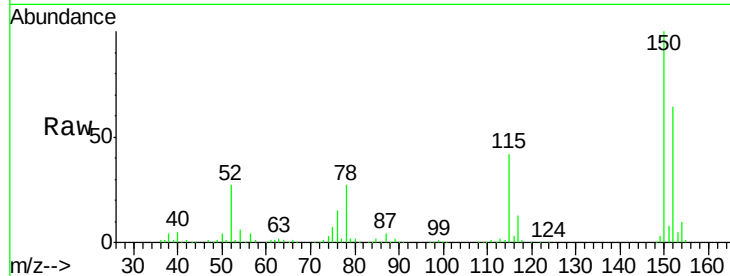


#1

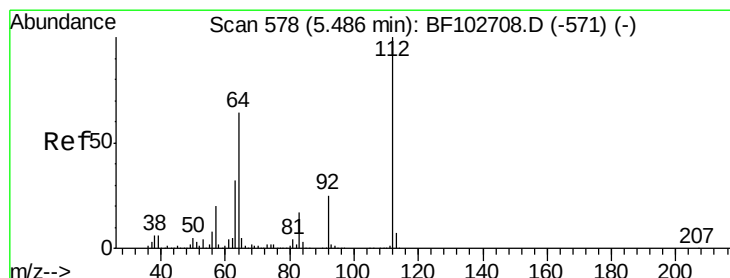
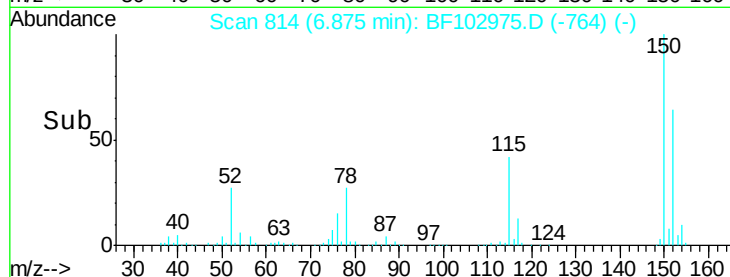
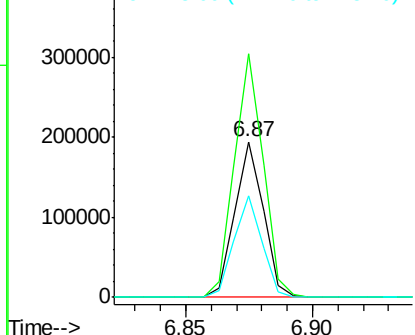
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF102975.D
Acq: 13 Feb 2018 21:22

Instrument :
BNA_F
ClientSampleId :
PB106515BL

Tot Ion:152 Resp: 151734
Ion Ratio Lower Upper
152 100
150 156.2 124.6 186.8
115 64.9 50.1 75.1



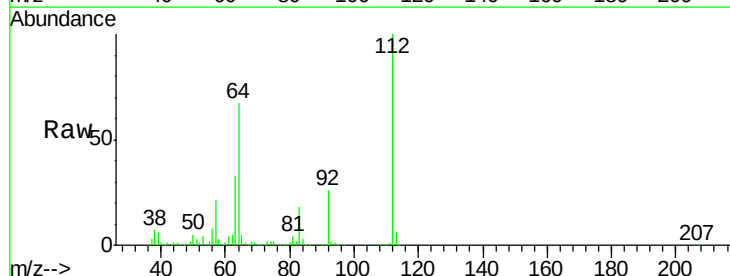
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



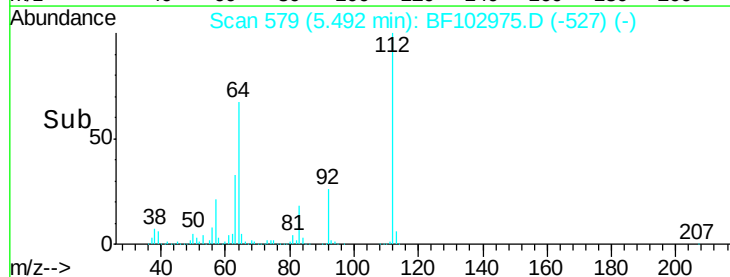
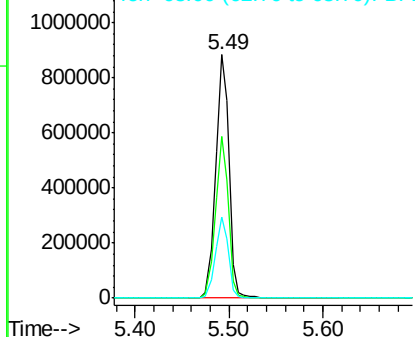
#5

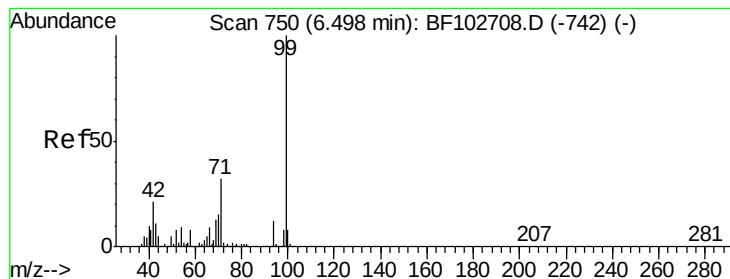
2-Fluorophenol
Concen: 88.911 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF102975.D
Acq: 13 Feb 2018 21:22

Tgt Ion:112 Resp: 888337
Ion Ratio Lower Upper
112 100
64 66.5 47.9 71.9
63 33.5 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: 85.809 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF102975.D

Acq: 13 Feb 2018 21:22

Instrument :

BNA_F

ClientSampled :

PB106515BL

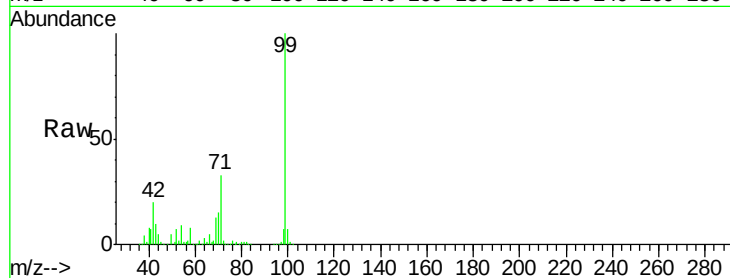
Tot Ion: 99 Resp: 1032294

Ion Ratio Lower Upper

99 100

42 20.1 14.5 21.7

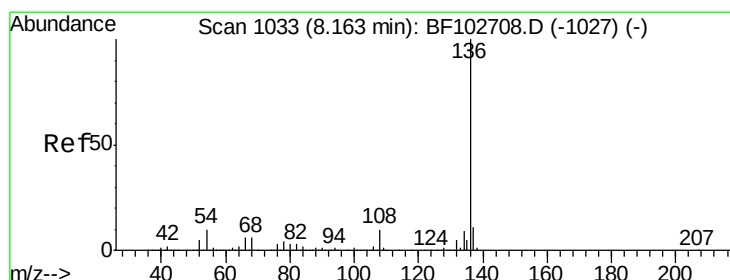
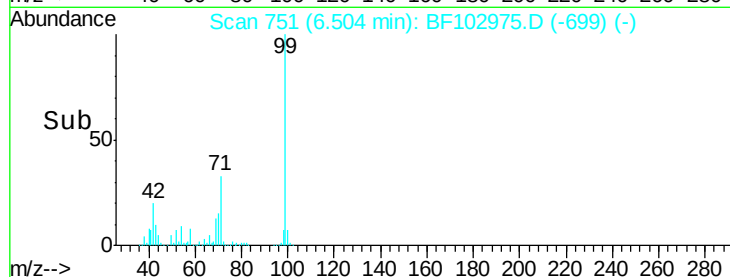
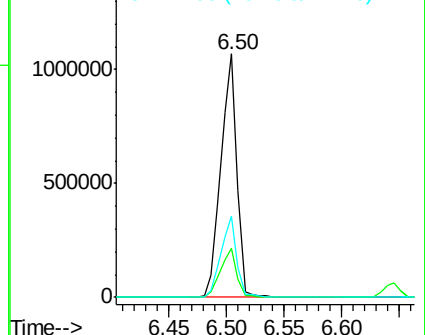
71 33.2 25.4 38.0



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: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF102975.D

Acq: 13 Feb 2018 21:22

Tgt Ion: 136 Resp: 594960

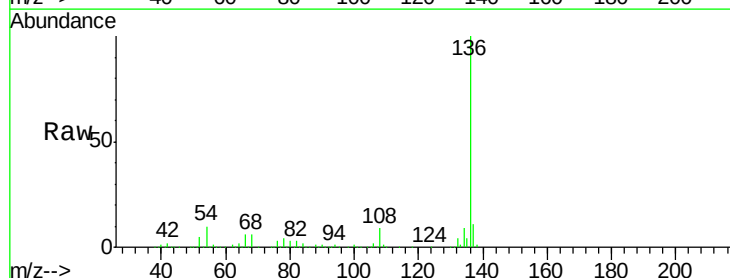
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 10.0 6.6 9.8#

68 6.5 5.0 7.4

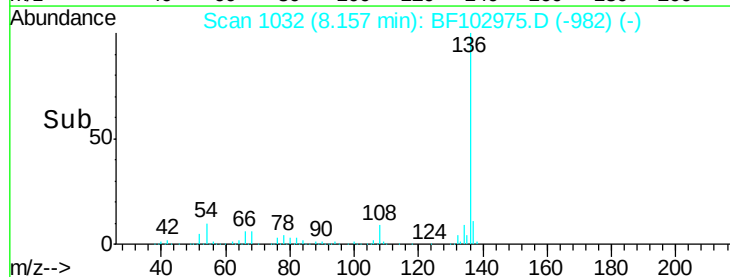
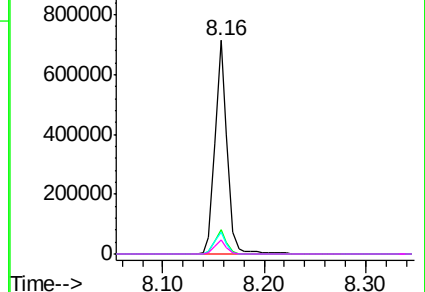


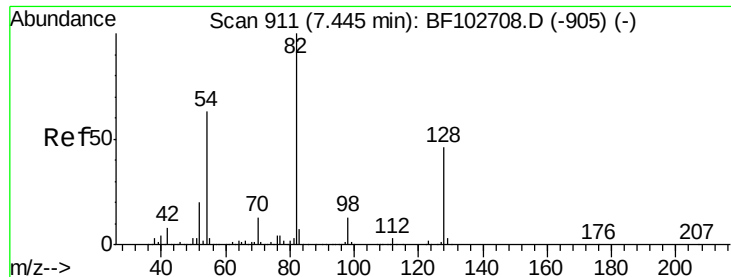
Abundance Ion 136.00 (135.70 to 136.70): E

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: 72.685 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF102975.D

Acq: 13 Feb 2018 21:22

Instrument :

BNA_F

ClientSampleId :

PB106515BL

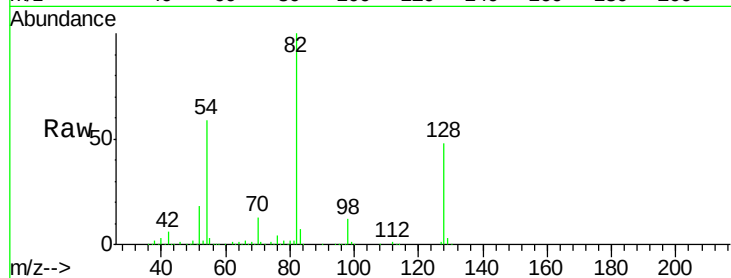
Tot Ion: 82 Resp: 623384

Ion Ratio Lower Upper

82 100

128 47.6 36.1 54.1

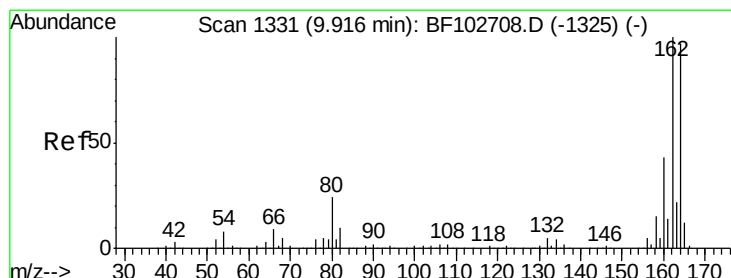
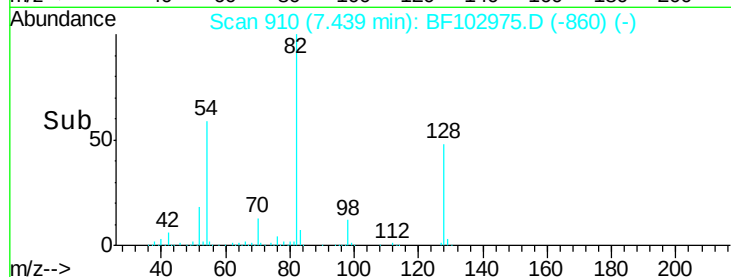
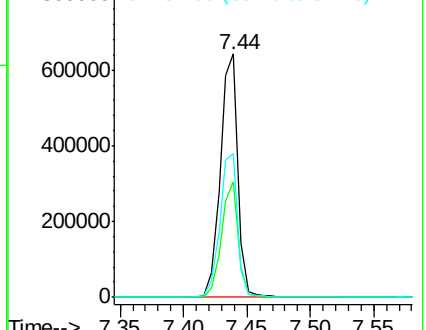
54 59.1 41.4 62.2



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF102975.D

Acq: 13 Feb 2018 21:22

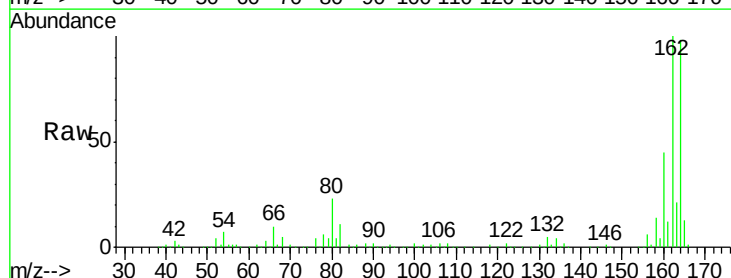
Tgt Ion: 164 Resp: 226632

Ion Ratio Lower Upper

164 100

162 102.5 86.1 129.1

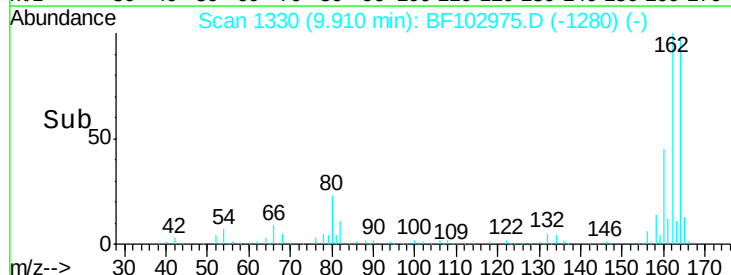
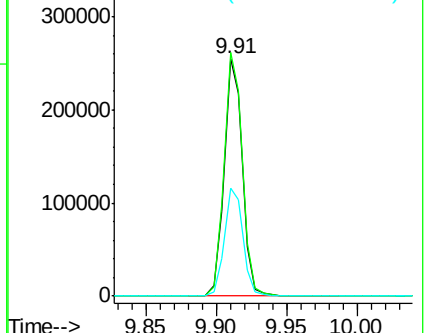
160 45.6 38.3 57.5

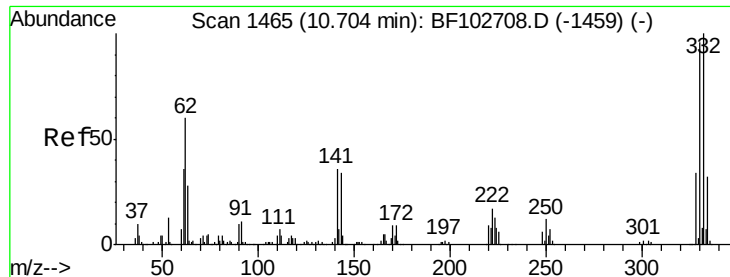


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

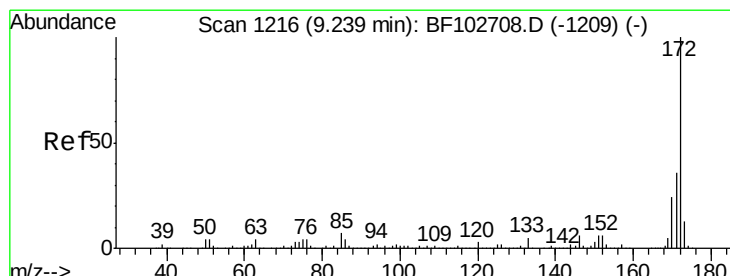
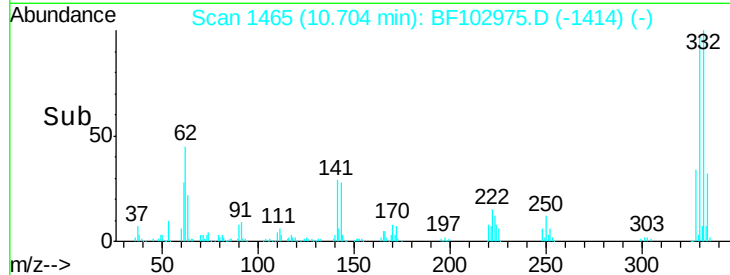
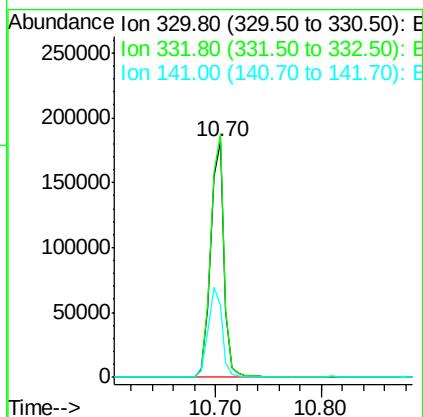
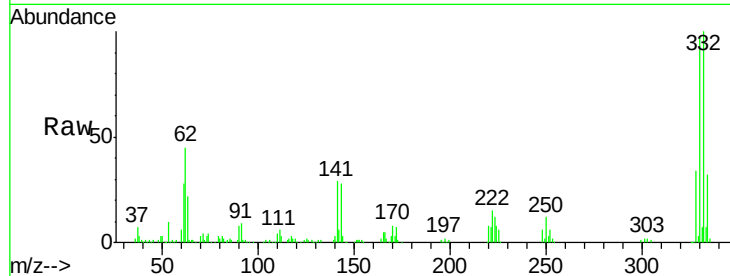




#41
 2,4,6-Tribromophenol
 Concen: 90.052 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: BF102975.D
 Acq: 13 Feb 2018 21:22

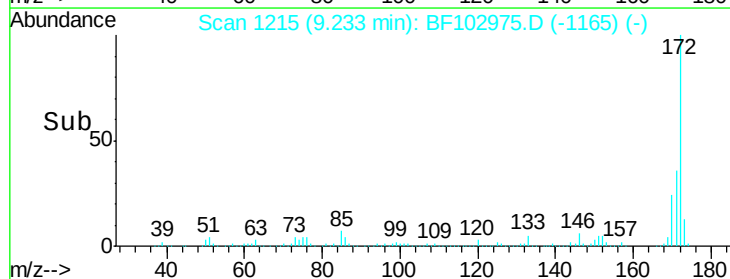
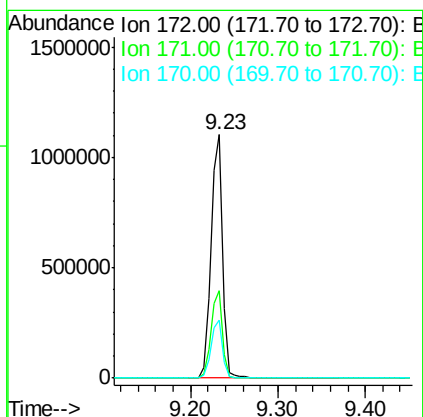
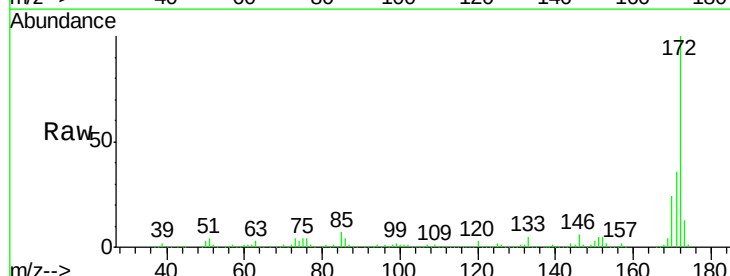
Instrument :
 BNA_F
 ClientSampleId :
 PB106515BL

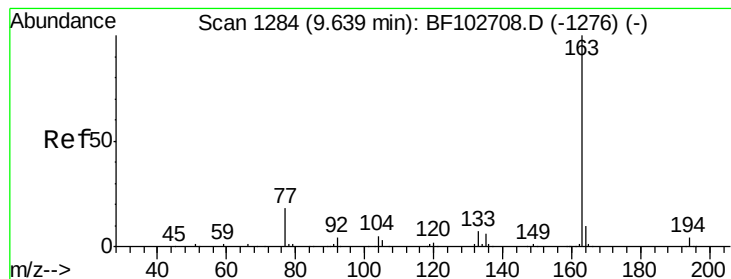
Tot Ion	Ratio	Lower	Upper
330	100		
332	102.7	77.0	115.6
141	39.4	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 73.782 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF102975.D
 Acq: 13 Feb 2018 21:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	23.8	19.6	29.4





#49

Dimethylphthalate

Concen: 2.243 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.02 min

Lab File: BF102975.D

Acq: 13 Feb 2018 21:22

Instrument :

BNA_F

ClientSampleId :

PB106515BL

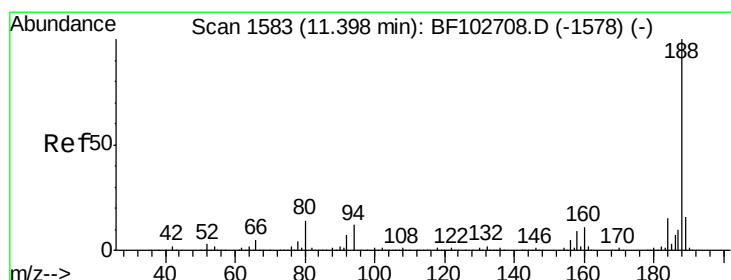
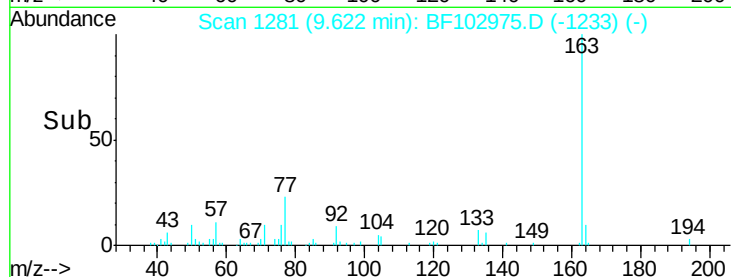
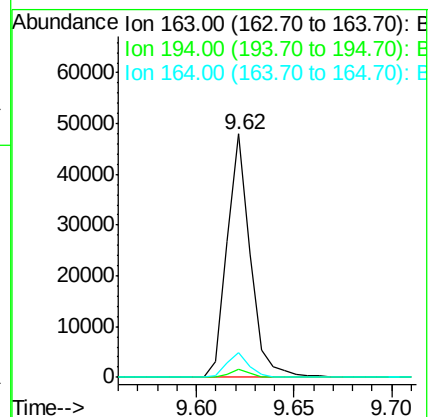
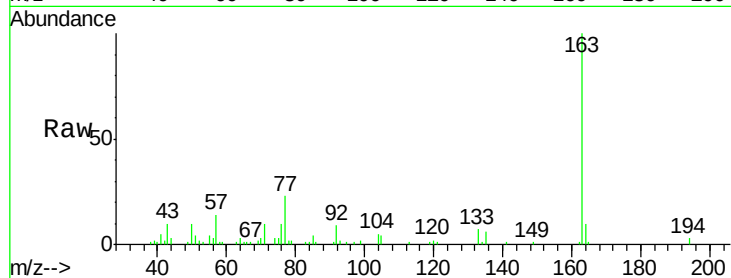
Tot Ion:163 Resp: 39629

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

164 10.1 8.2 12.2



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1583

Delta R.T. 0.00 min

Lab File: BF102975.D

Acq: 13 Feb 2018 21:22

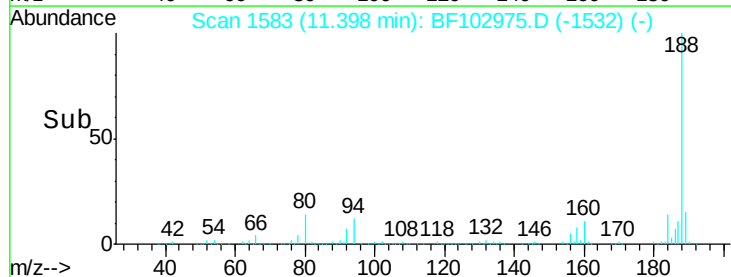
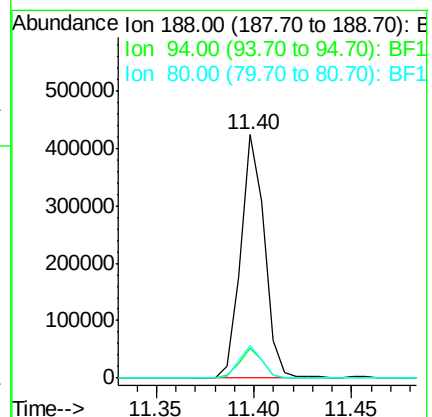
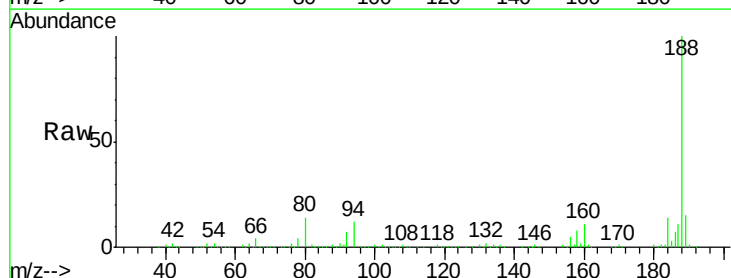
Tgt Ion:188 Resp: 358598

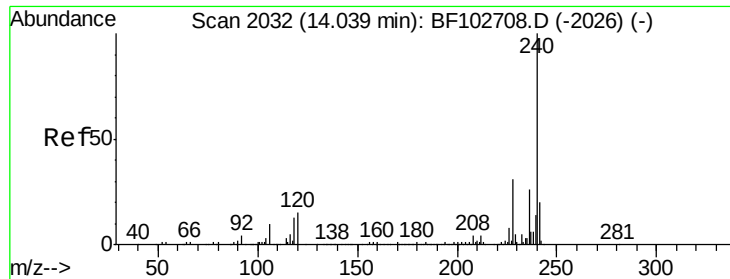
Ion Ratio Lower Upper

188 100

94 12.1 8.5 12.7

80 13.5 9.2 13.8

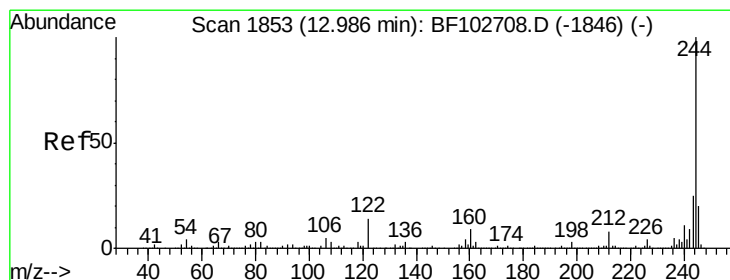
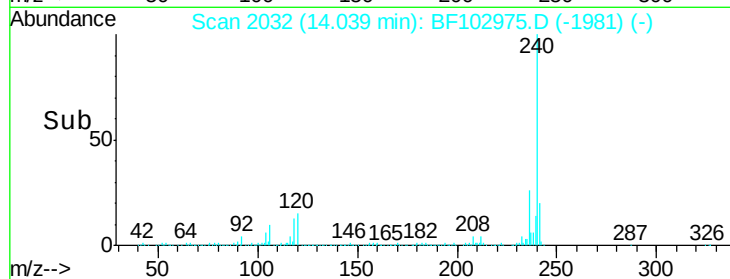
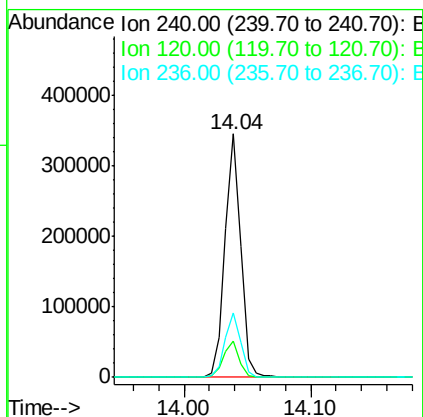
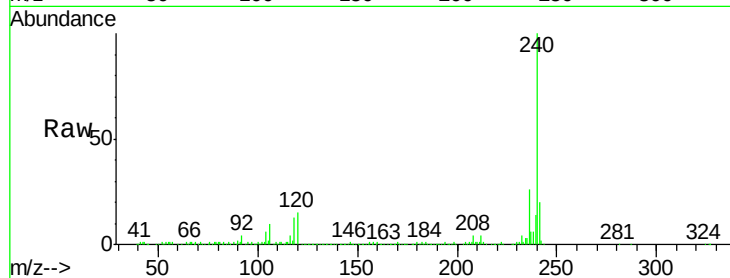




#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BF102975.D
Acq: 13 Feb 2018 21:22

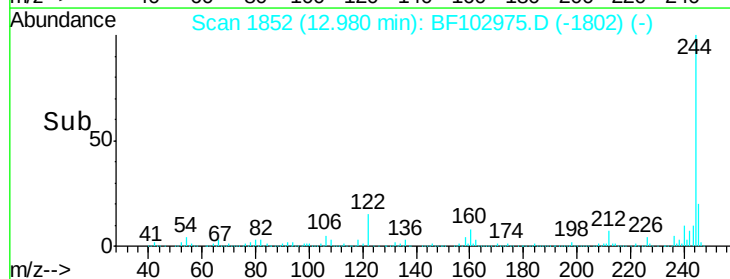
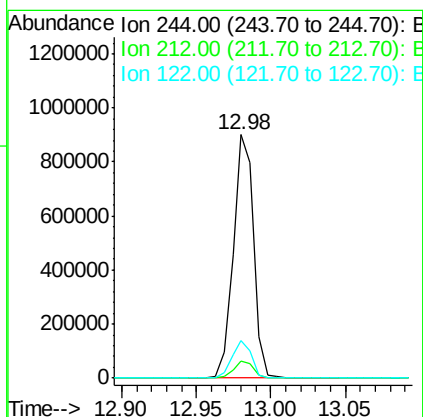
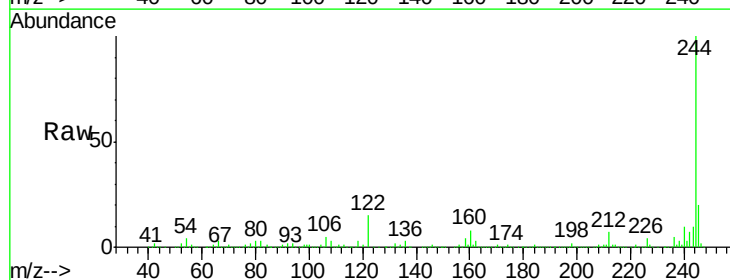
Instrument :
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PB106515BL

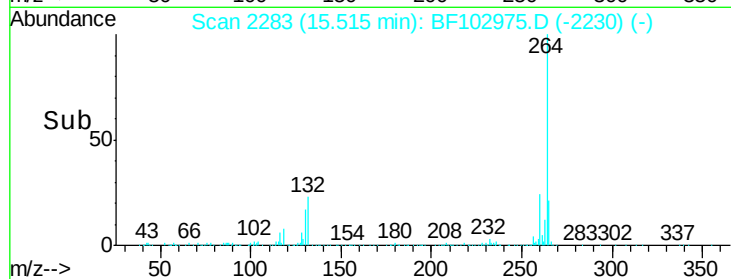
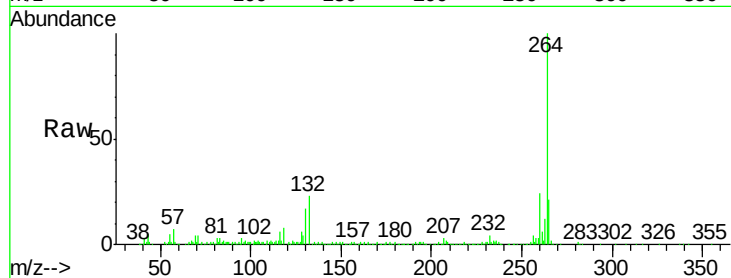
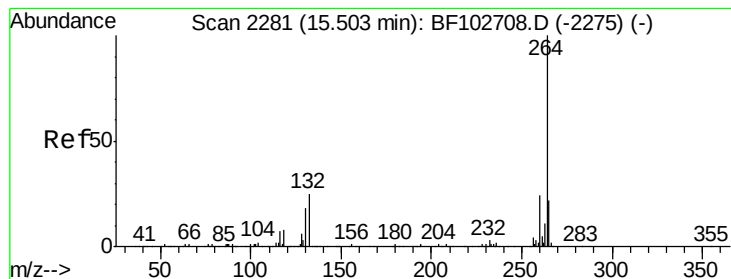
Tot Ion:240 Resp: 300134
Ion Ratio Lower Upper
240 100
120 15.0 9.5 14.3#
236 26.5 20.7 31.1



#78
Terphenyl-d14
Concen: 67.713 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BF102975.D
Acq: 13 Feb 2018 21:22

Tgt Ion:244 Resp: 858321
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 15.4 11.0 16.4





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.52 min Scan# 2283

Delta R.T. 0.01 min

Lab File: BF102975.D

Acq: 13 Feb 2018 21:22

Instrument :

BNA_F

ClientSampleId :

PB106515BL

Tot Ion: 264 Resp: 218126

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.4 17.5 26.3

