

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021318\
 Data File : BF102954.D
 Acq On : 13 Feb 2018 11:54
 Operator : SJ/JU
 Sample : PB106454BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB106454BL

Quant Time: Feb 14 00:20:52 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	168465	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	713030	20.00	ng	-0.01
38) Acenaphthene-d10	9.91	164	328614	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	600854	20.00	ng	0.00
75) Chrysene-d12	14.03	240	480317	20.00	ng	0.00
86) Perylene-d12	15.51	264	400992	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1138038	102.59	ng	0.01
7) Phenol-d6	6.50	99	1375806	103.01	ng	0.00
23) Nitrobenzene-d5	7.43	82	886228	86.22	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	310317	117.32	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1444766	72.95	ng	-0.01
78) Terphenyl-d14	12.98	244	1471546	72.54	ng	0.00

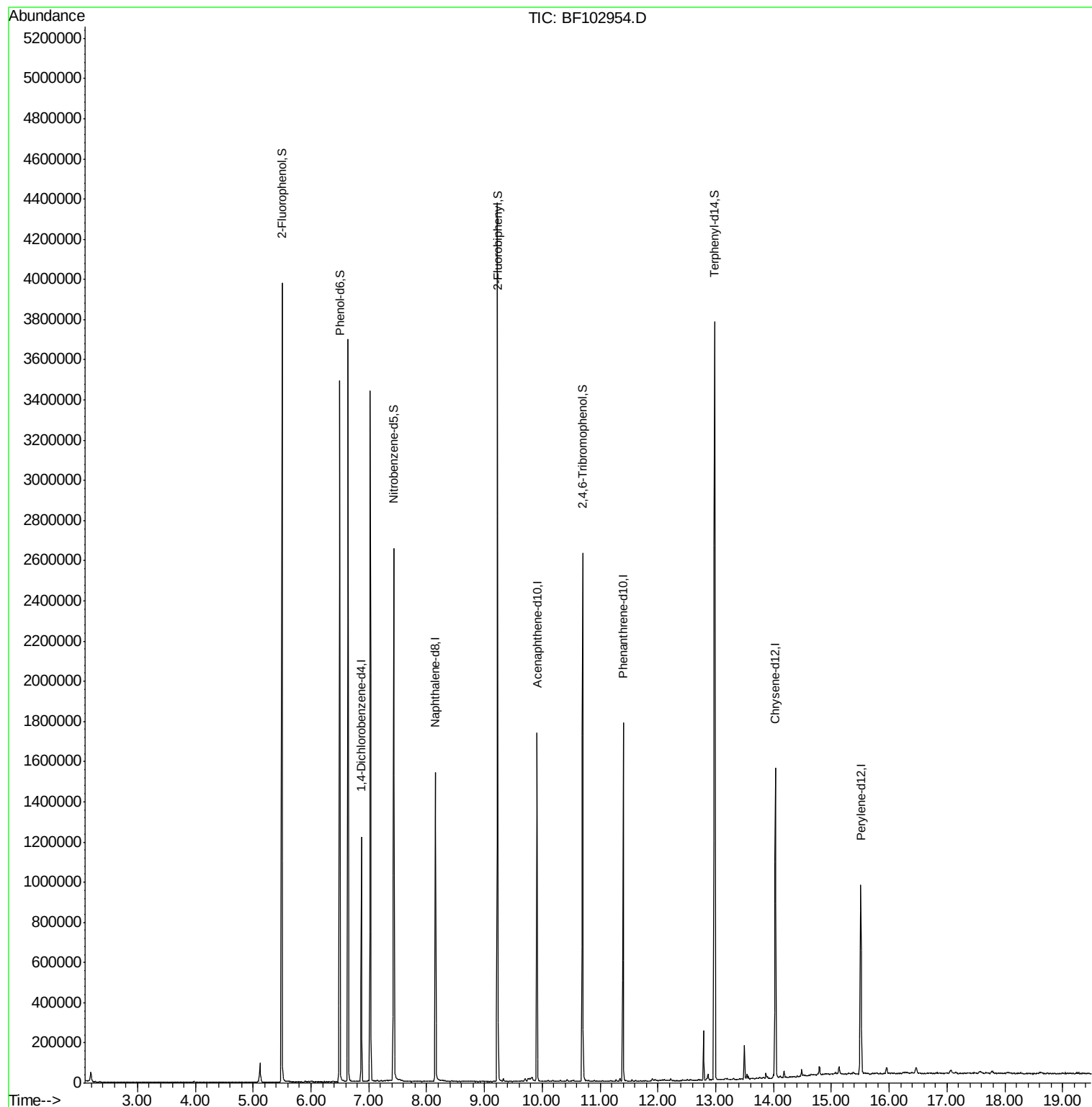
Target Compounds Qvalue

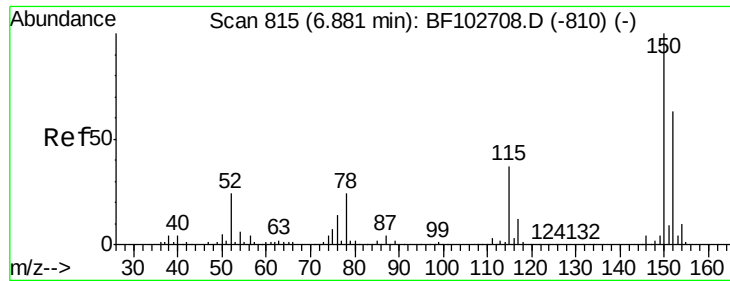
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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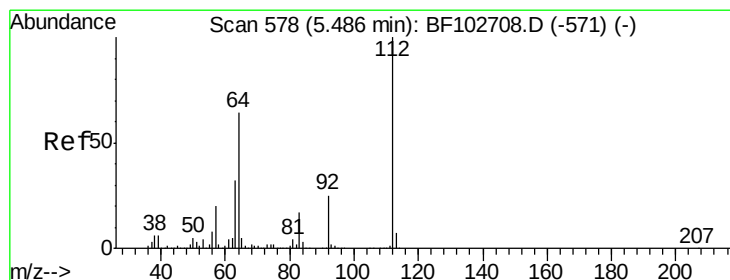
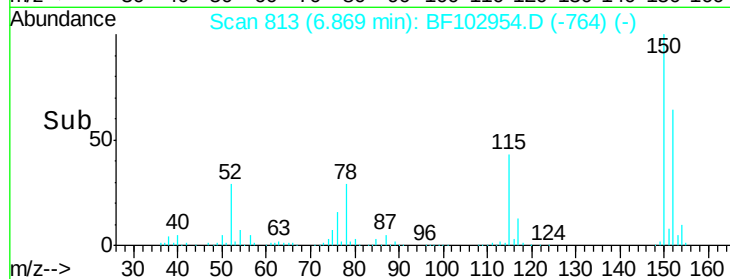
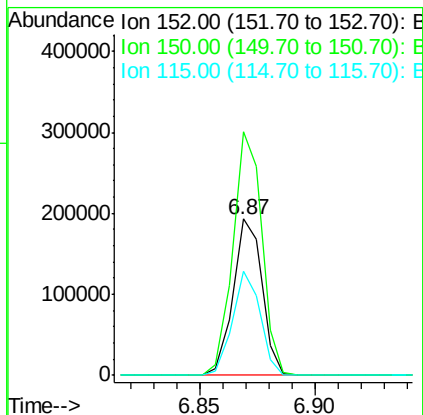
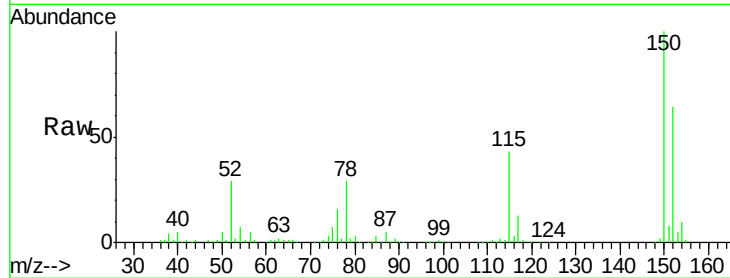


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF102954.D
Acq: 13 Feb 2018 11:54

Instrument :
BNA_F
ClientSampleId :
PB106454BL

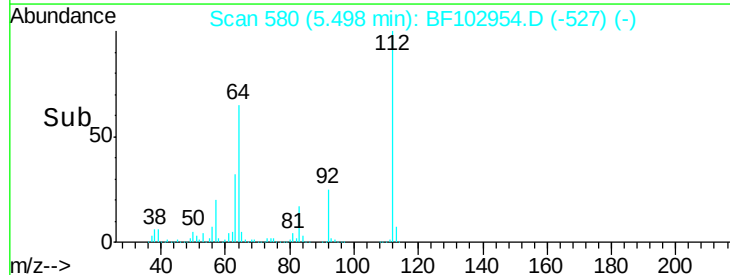
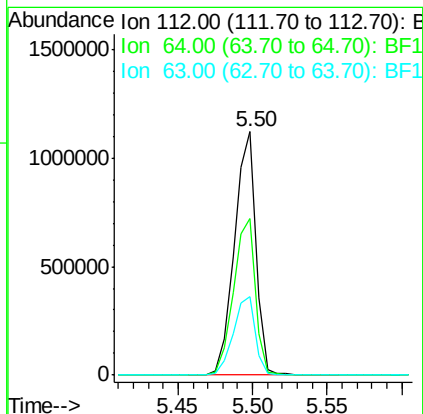
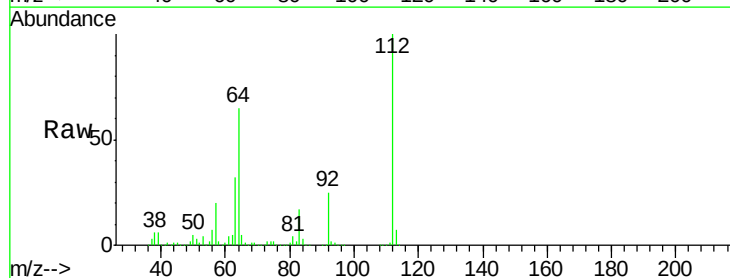
Tot Ion:152 Resp: 168465
Ion Ratio Lower Upper
152 100
150 155.9 124.6 186.8
115 66.5 50.1 75.1

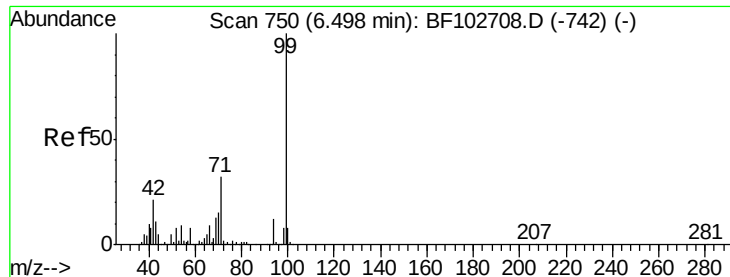


#5

2-Fluorophenol
Concen: 102.591 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF102954.D
Acq: 13 Feb 2018 11:54

Tgt Ion:112 Resp: 1138038
Ion Ratio Lower Upper
112 100
64 64.5 47.9 71.9
63 32.5 23.7 35.5





#7

Phenol-d6

Concen: 103.005 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF102954.D

Acq: 13 Feb 2018 11:54

Instrument :

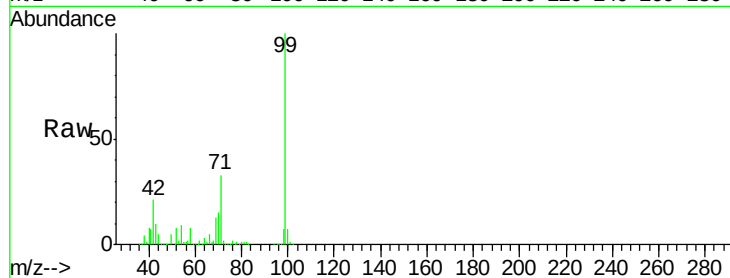
BNA_F

ClientSampleId :

PB106454BL

Tot Ion: 99 Resp: 1375806

Ion	Ratio	Lower	Upper
99	100		
42	20.5	14.5	21.7
71	33.1	25.4	38.0

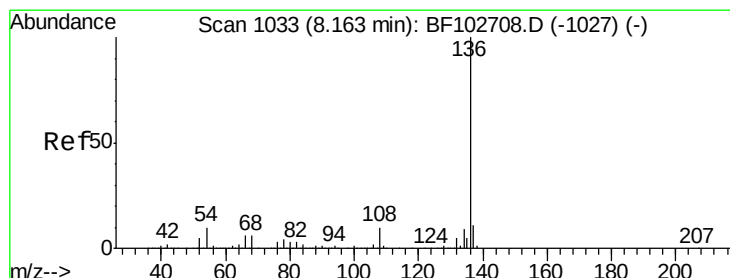
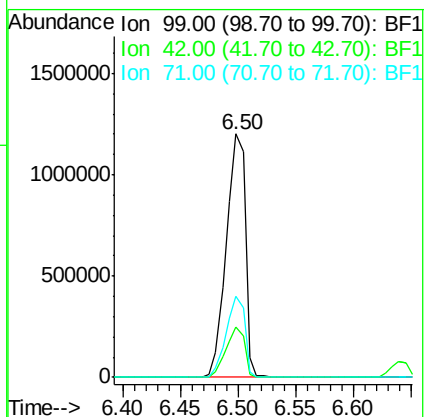
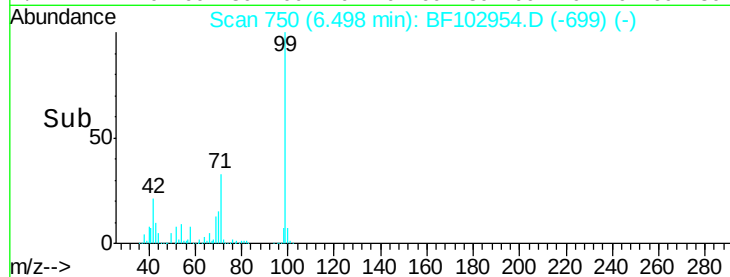


Abundance

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: 8.15 min Scan# 1031

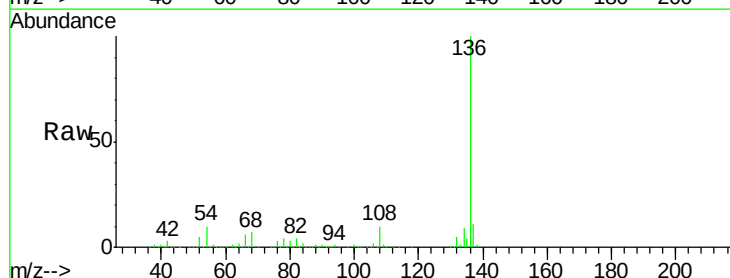
Delta R.T. -0.01 min

Lab File: BF102954.D

Acq: 13 Feb 2018 11:54

Tgt Ion: 136 Resp: 713030

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	10.3	6.6	9.8
68	7.0	5.0	7.4



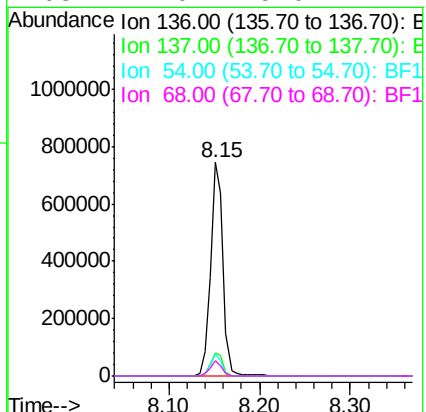
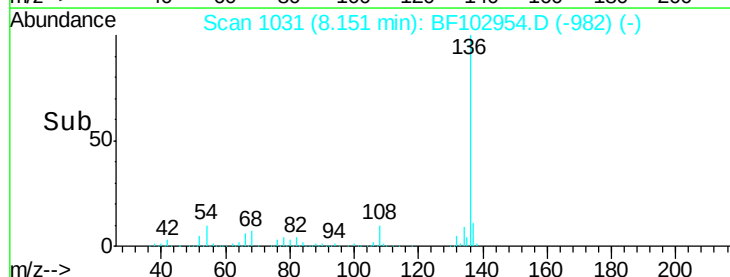
Abundance

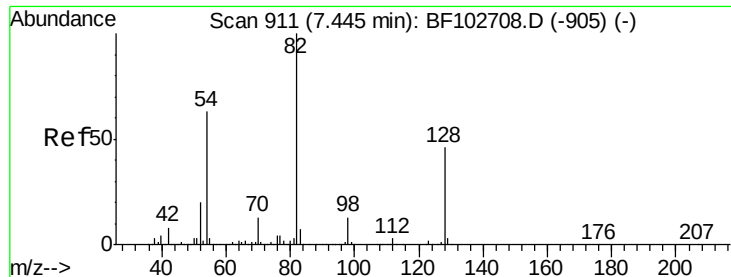
Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





#23

Nitrobenzene-d5

Concen: 86.221 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF102954.D

Acq: 13 Feb 2018 11:54

Instrument :

BNA_F

ClientSampleId :

PB106454BL

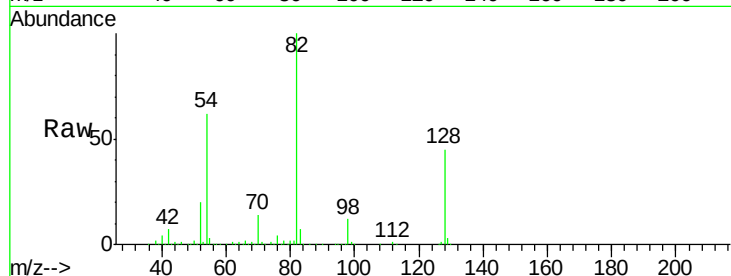
Tot Ion: 82 Resp: 886228

Ion Ratio Lower Upper

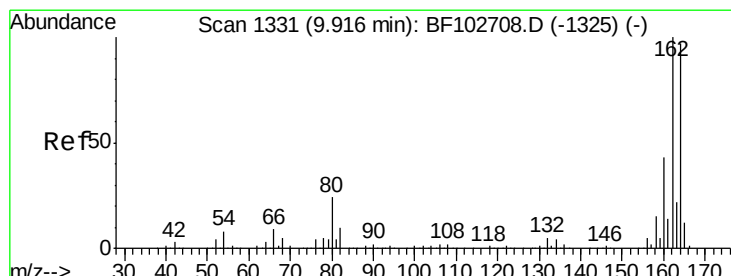
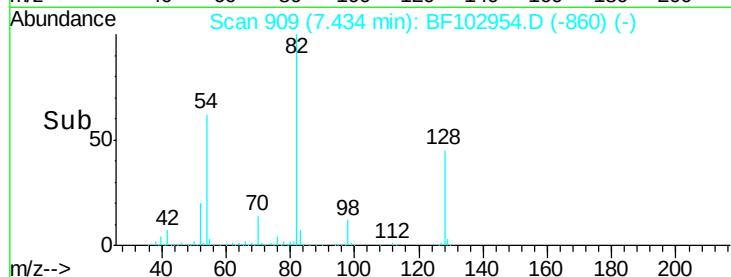
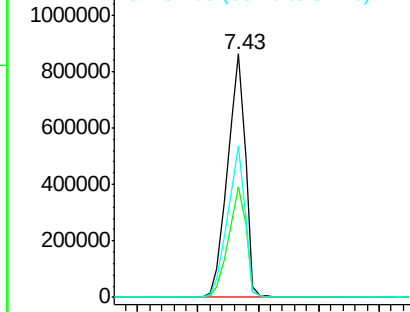
82 100

128 45.4 36.1 54.1

54 62.1 41.4 62.2



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF102954.D

Acq: 13 Feb 2018 11:54

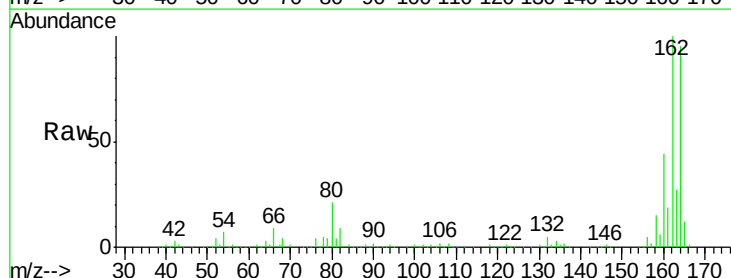
Tgt Ion:164 Resp: 328614

Ion Ratio Lower Upper

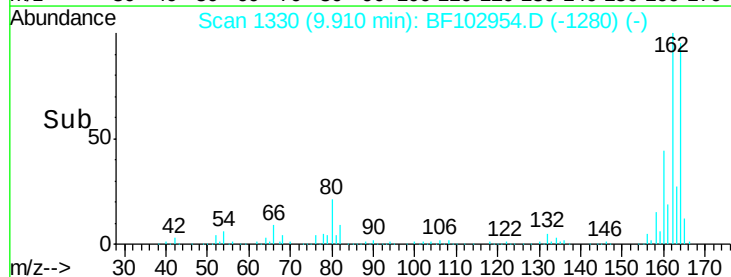
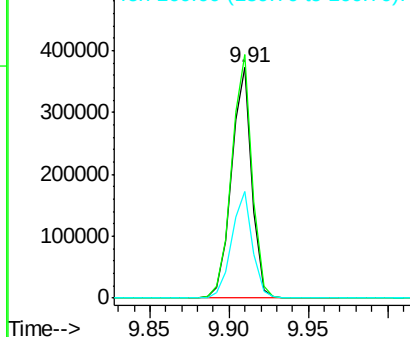
164 100

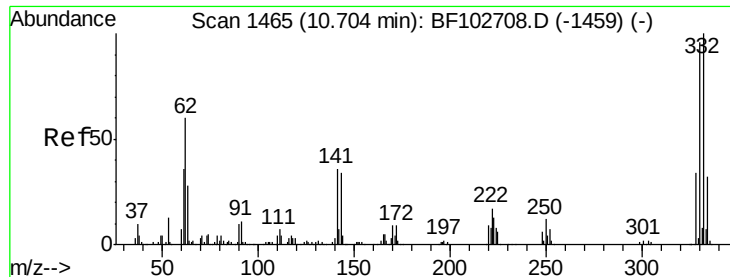
162 105.7 86.1 129.1

160 46.5 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: 117.324 ng

RT: 10.70 min Scan# 1464

Delta R.T. -0.01 min

Lab File: BF102954.D

Acq: 13 Feb 2018 11:54

Instrument :

BNA_F

ClientSampleId :

PB106454BL

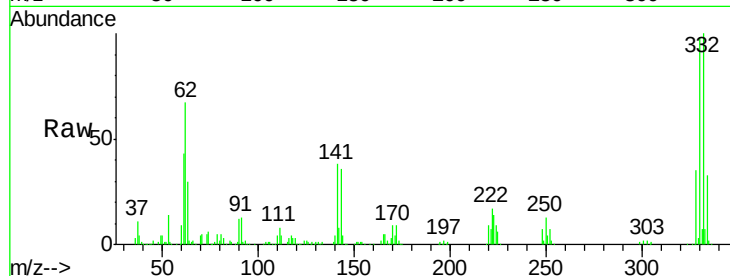
Tot Ion:330 Resp: 310317

Ion Ratio Lower Upper

330 100

332 103.5 77.0 115.6

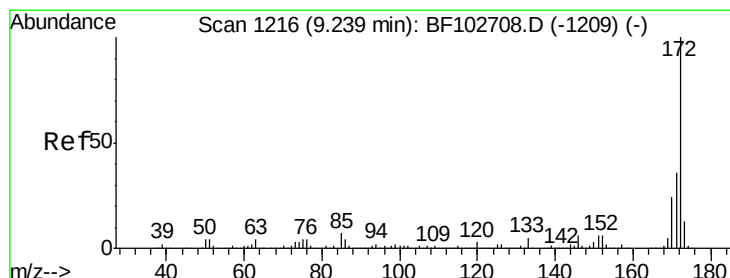
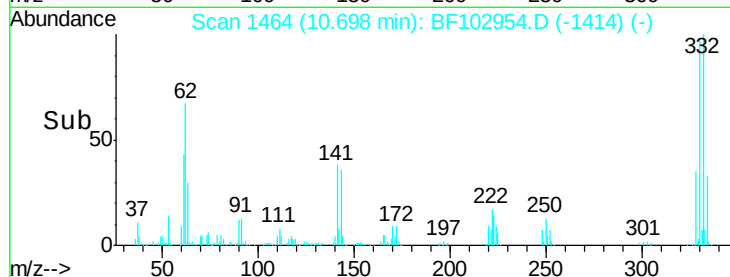
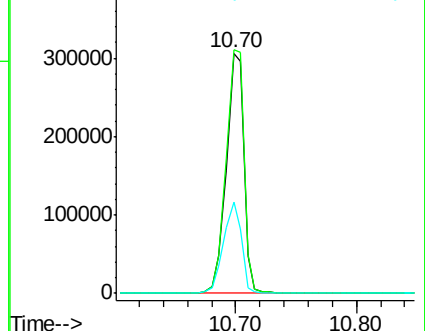
141 38.5 29.9 44.9



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: 72.954 ng

RT: 9.23 min Scan# 1214

Delta R.T. -0.01 min

Lab File: BF102954.D

Acq: 13 Feb 2018 11:54

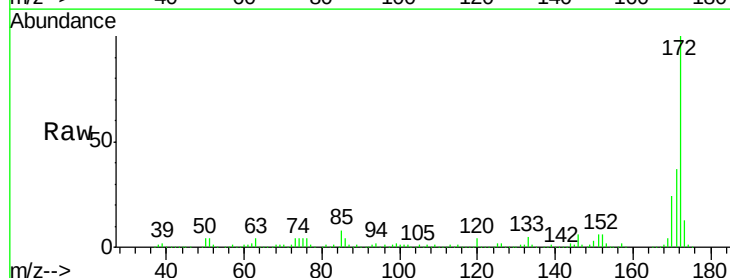
Tgt Ion:172 Resp: 1444766

Ion Ratio Lower Upper

172 100

171 37.0 29.7 44.5

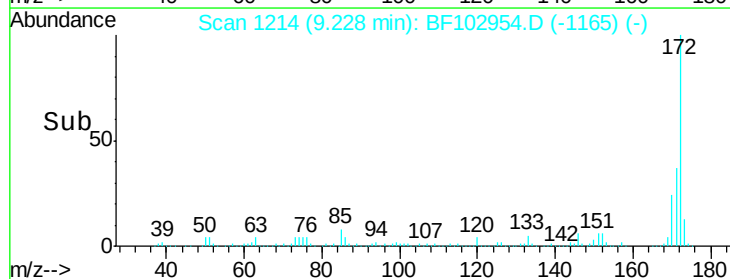
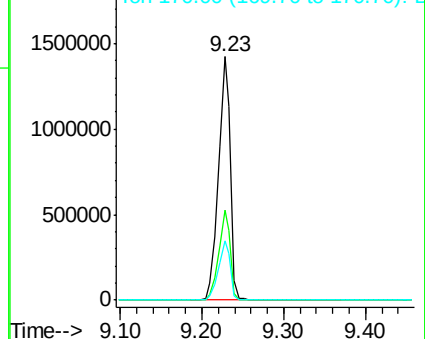
170 24.3 19.6 29.4

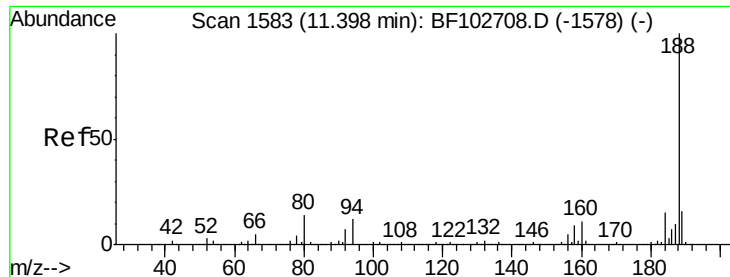


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

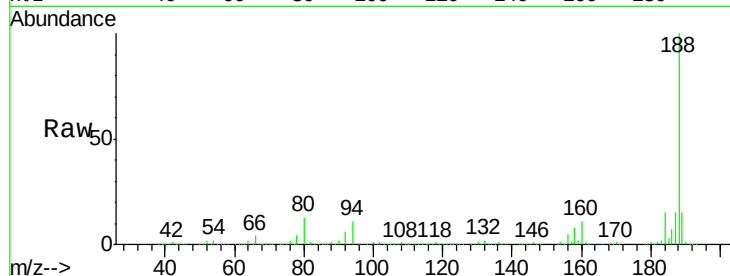




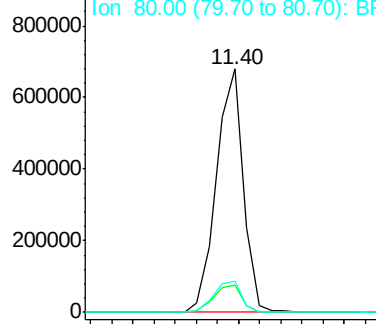
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BF102954.D
Acq: 13 Feb 2018 11:54

Instrument :
BNA_F
ClientSampleId :
PB106454BL

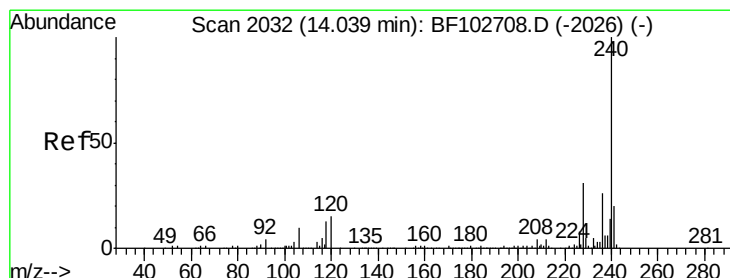
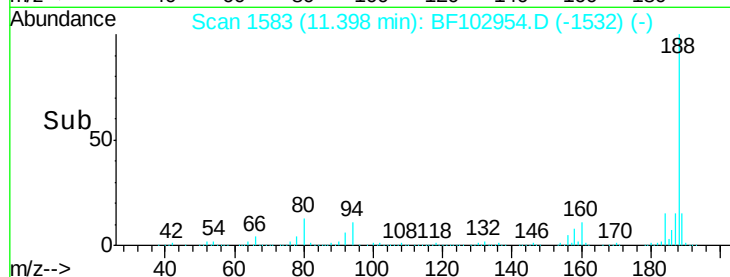
Tot Ion	Ratio	Lower	Upper
188	100		
94	11.1	8.5	12.7
80	12.7	9.2	13.8



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

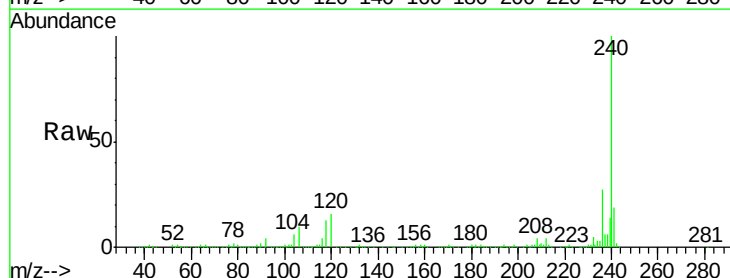


Time--> 11.35 11.40 11.45

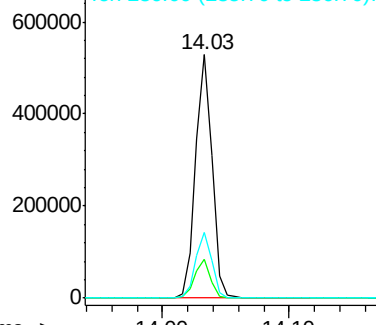


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF102954.D
Acq: 13 Feb 2018 11:54

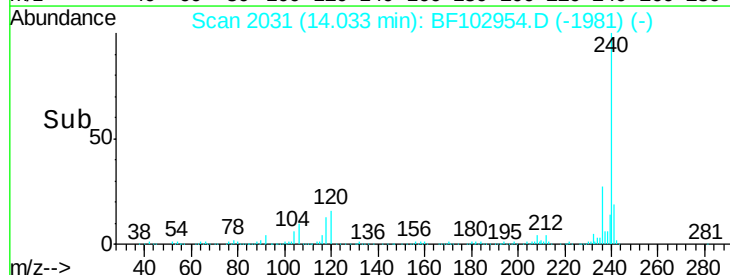
Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.8	9.5	14.3#
236	26.8	20.7	31.1

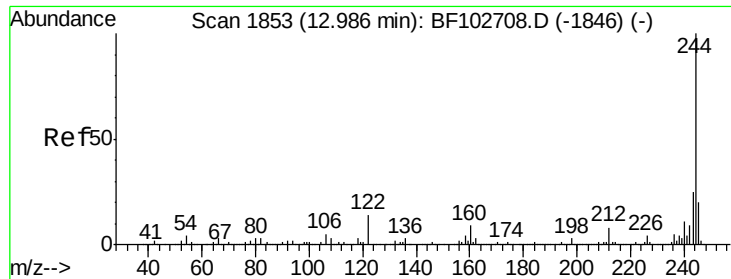


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time--> 14.00 14.10





#78

Terphenyl-d14

Concen: 72.541 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF102954.D

Acq: 13 Feb 2018 11:54

Instrument :

BNA_F

ClientSampleId :

PB106454BL

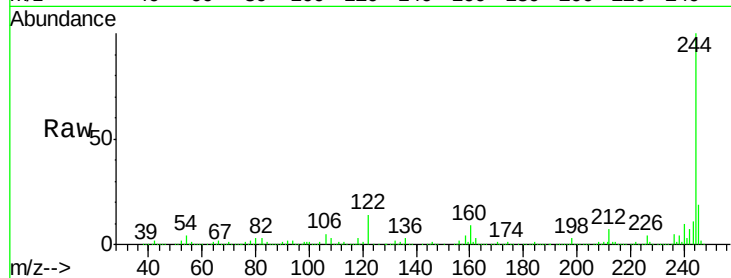
Tot Ion:244 Resp: 1471546

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

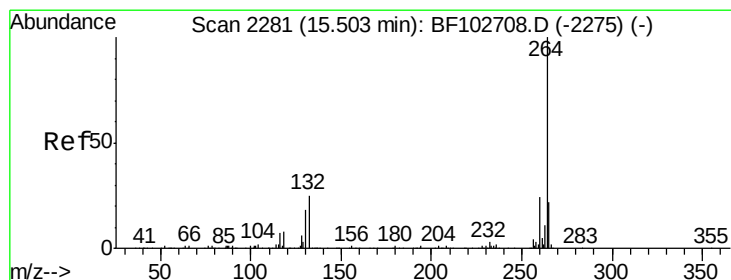
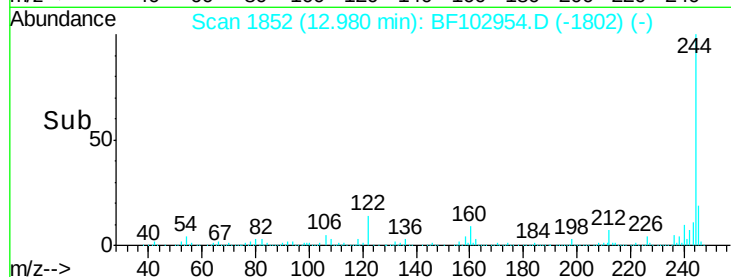
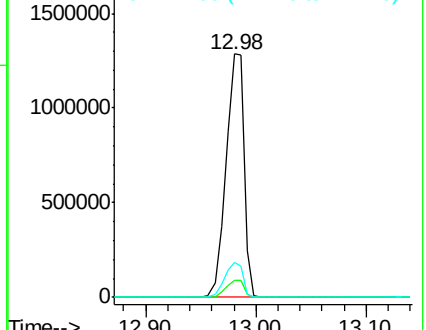
122 14.3 11.0 16.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.51 min Scan# 2282

Delta R.T. 0.01 min

Lab File: BF102954.D

Acq: 13 Feb 2018 11:54

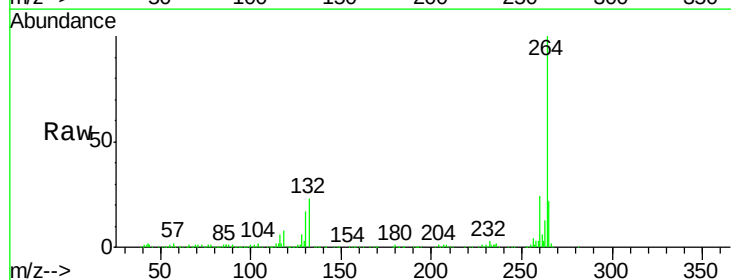
Tgt Ion:264 Resp: 400992

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 21.8 17.5 26.3



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

