

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021318\
 Data File : BF102955.D
 Acq On : 13 Feb 2018 12:21
 Operator : SJ/JU
 Sample : J1518-10
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PMW-1A

Quant Time: Feb 14 00:23:21 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	169596	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	727802	20.00	ng	-0.01
38) Acenaphthene-d10	9.91	164	345005	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	616995	20.00	ng	0.00
75) Chrysene-d12	14.03	240	465190	20.00	ng	0.00
86) Perylene-d12	15.51	264	373631	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	630654	56.47	ng	0.00
7) Phenol-d6	6.49	99	480560	35.74	ng	0.00
23) Nitrobenzene-d5	7.44	82	1066018	101.61	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	369894	133.20	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1671010	80.37	ng	0.00
78) Terphenyl-d14	12.99	244	1583078	80.58	ng	0.00

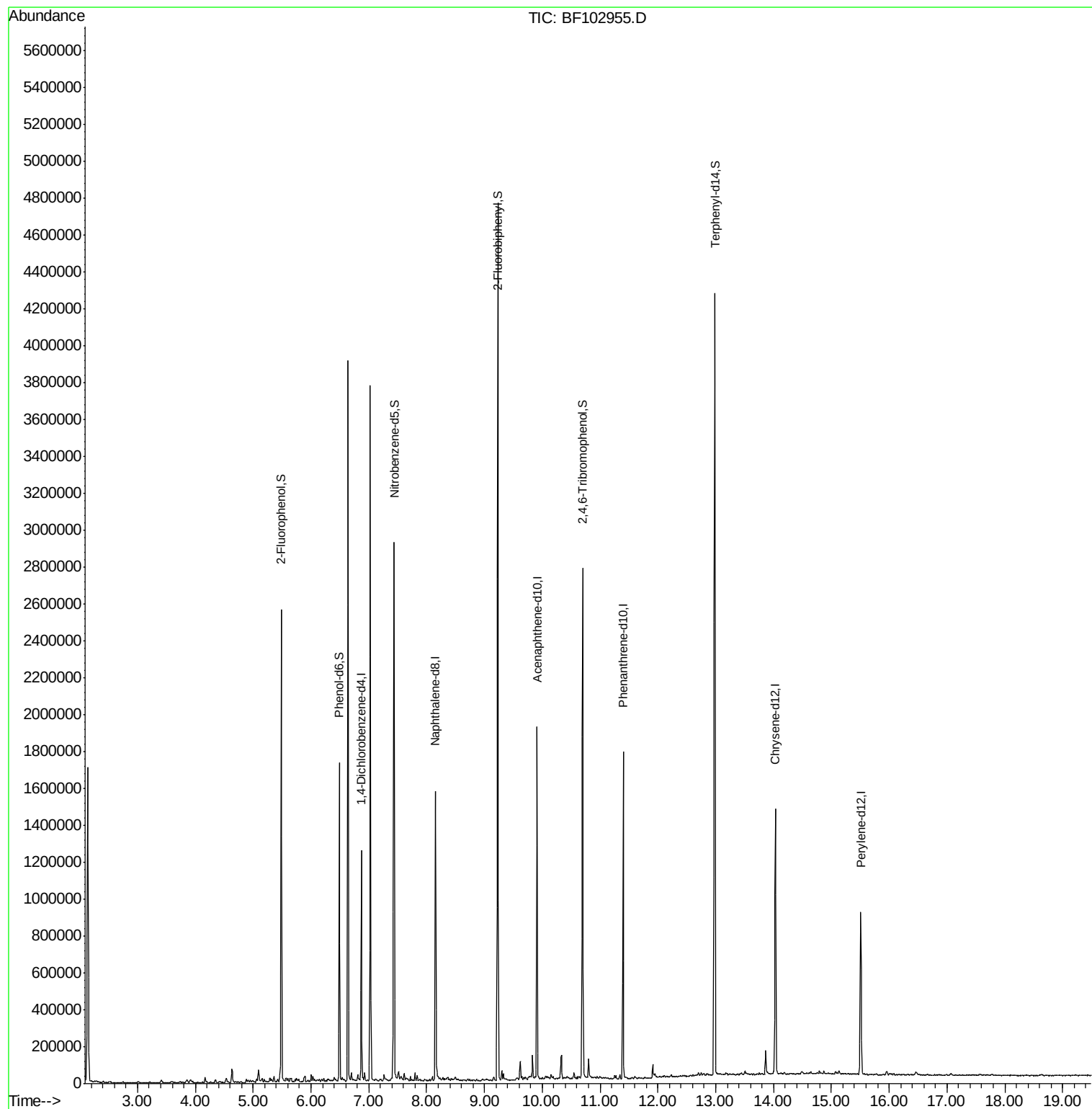
Target Compounds Qvalue

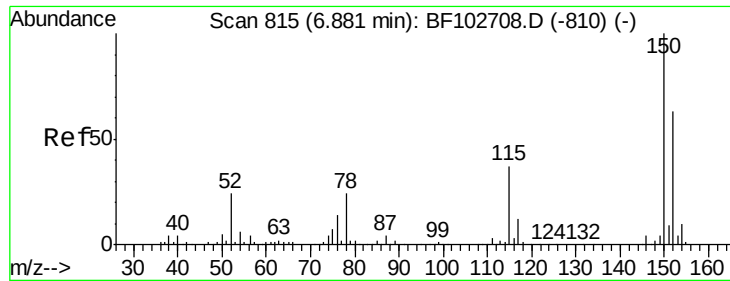
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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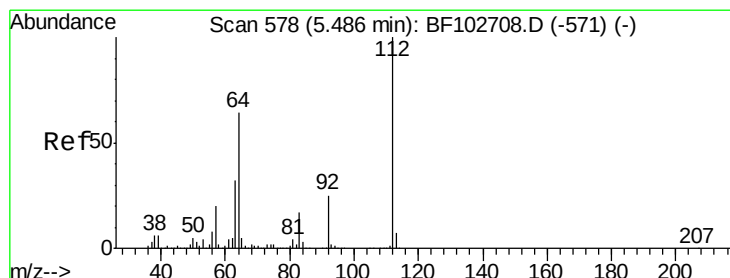
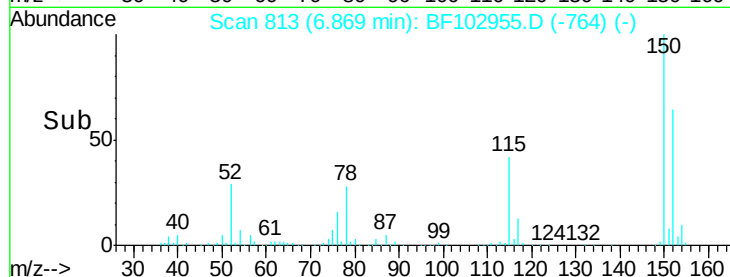
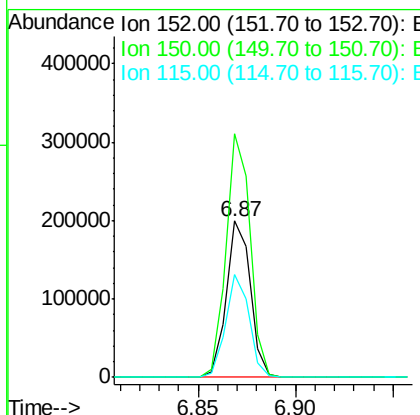
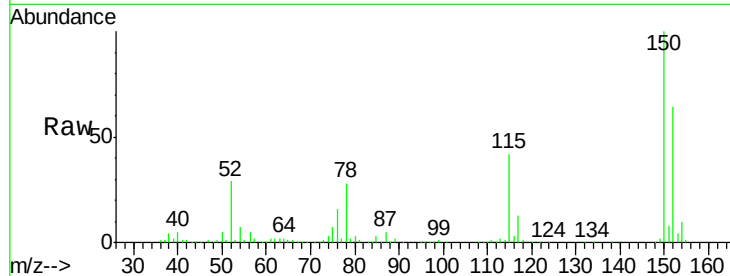




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF102955.D
 Acq: 13 Feb 2018 12:21

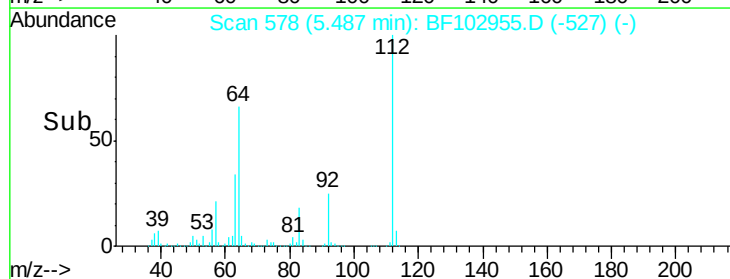
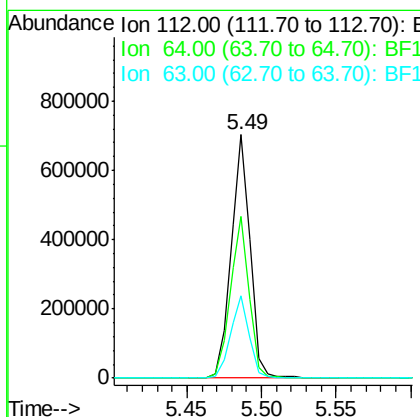
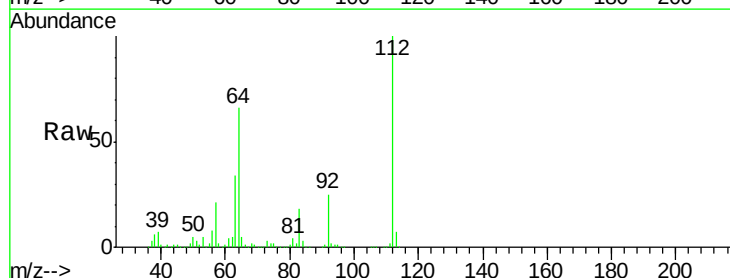
Instrument :
 BNA_F
 ClientSampleId :
 PMW-1A

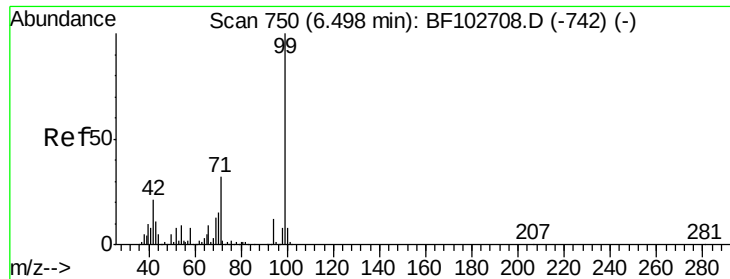
Tot Ion:152 Resp: 169596
 Ion Ratio Lower Upper
 152 100
 150 155.7 124.6 186.8
 115 65.4 50.1 75.1



#5
 2-Fluorophenol
 Concen: 56.473 ng
 RT: 5.49 min Scan# 578
 Delta R.T. 0.00 min
 Lab File: BF102955.D
 Acq: 13 Feb 2018 12:21

Tgt Ion:112 Resp: 630654
 Ion Ratio Lower Upper
 112 100
 64 66.2 47.9 71.9
 63 34.0 23.7 35.5





#7

Phenol-d6

Concen: 35.739 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF102955.D

Acq: 13 Feb 2018 12:21

Instrument :

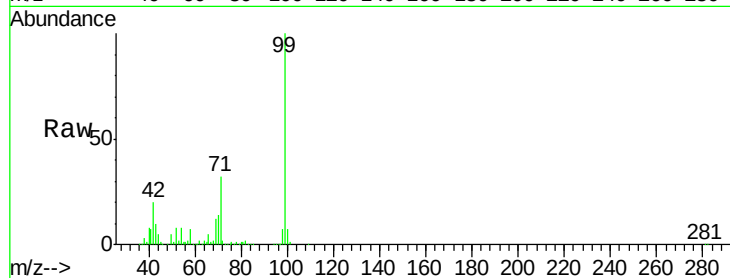
BNA_F

ClientSampleId :

PMW-1A

Tot Ion: 99 Resp: 480560

Ion	Ratio	Lower	Upper
99	100		
42	19.9	14.5	21.7
71	31.8	25.4	38.0

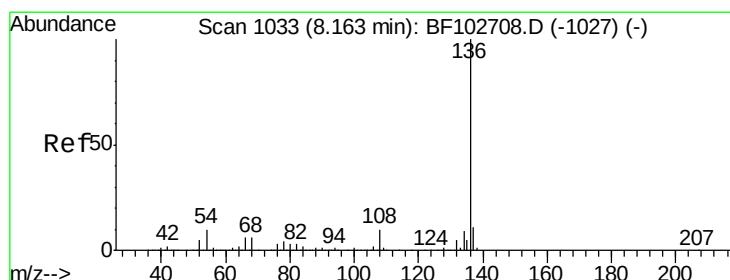
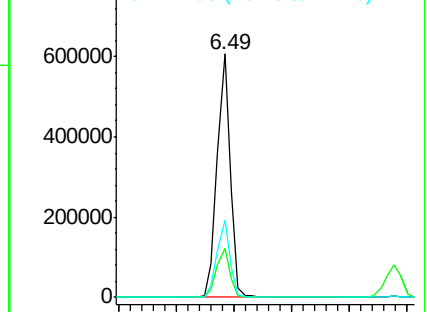
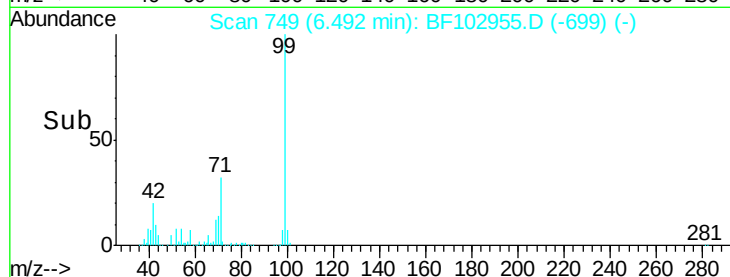


Abundance

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

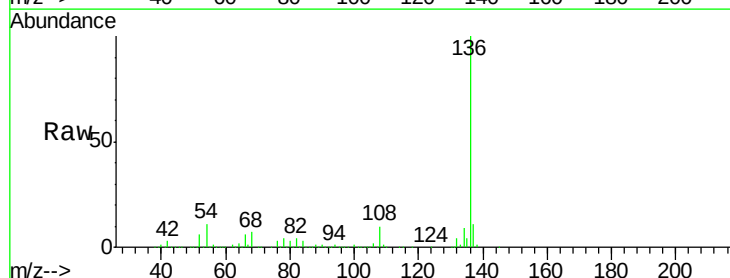
Delta R.T. -0.01 min

Lab File: BF102955.D

Acq: 13 Feb 2018 12:21

Tgt Ion: 136 Resp: 727802

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	10.7	6.6	9.8
68	7.2	5.0	7.4



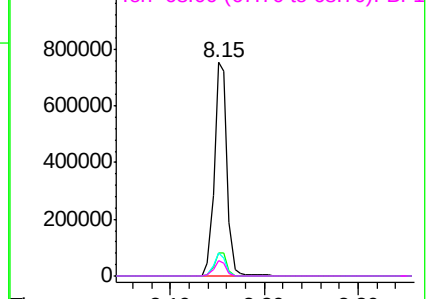
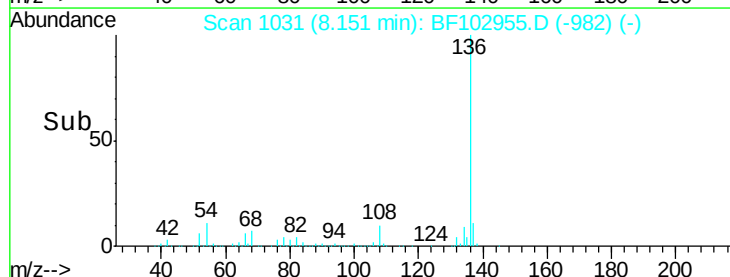
Abundance

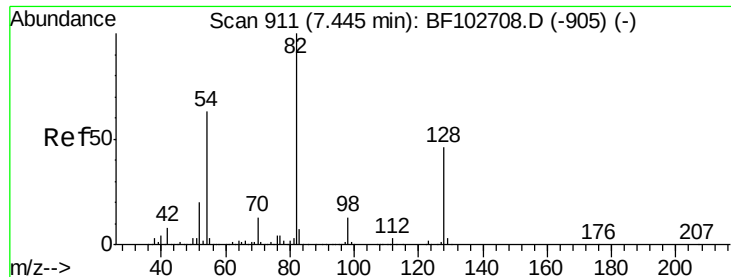
Ion 136.00 (135.70 to 136.70): BF1

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

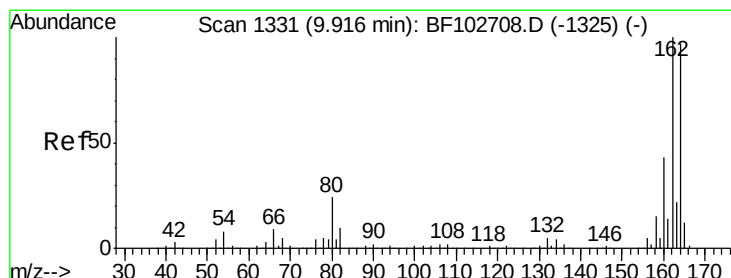
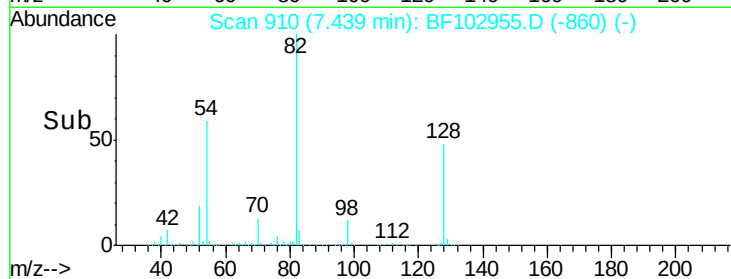
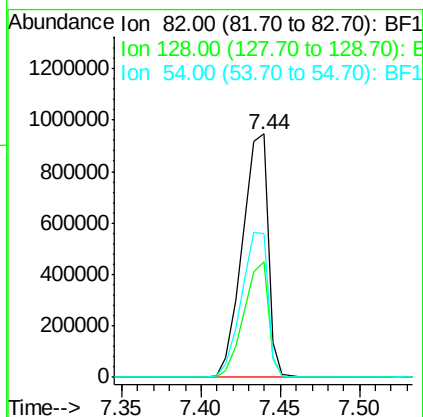
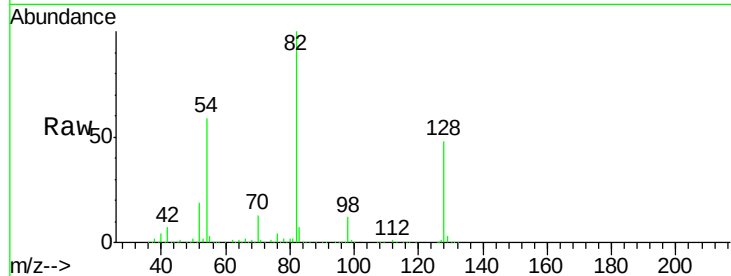




#23
 Nitrobenzene-d5
 Concen: 101.608 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF102955.D
 Acq: 13 Feb 2018 12:21

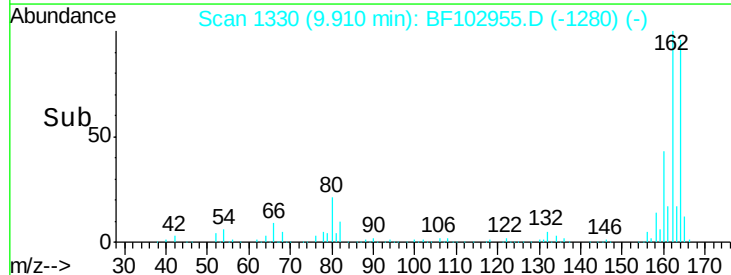
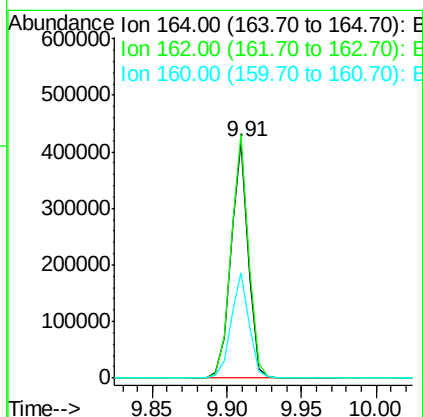
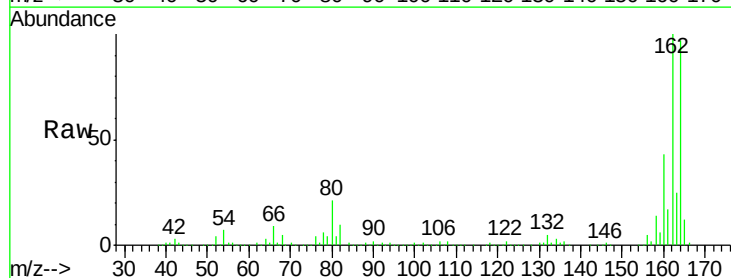
Instrument :
 BNA_F
 ClientSampleId :
 PMW-1A

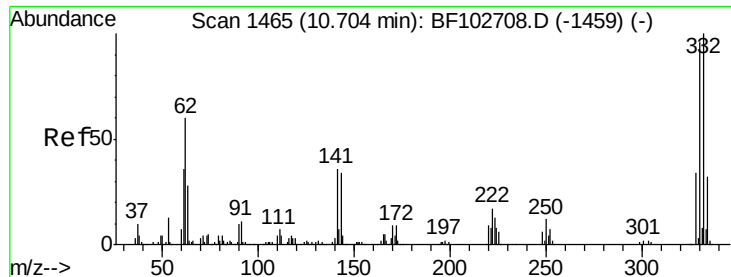
Tot Ion: 82 Resp: 1066018
 Ion Ratio Lower Upper
 82 100
 128 47.5 36.1 54.1
 54 59.0 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF102955.D
 Acq: 13 Feb 2018 12:21

Tgt Ion:164 Resp: 345005
 Ion Ratio Lower Upper
 164 100
 162 103.1 86.1 129.1
 160 44.7 38.3 57.5





#41

2,4,6-Tribromophenol

Concen: 133.205 ng

RT: 10.70 min Scan# 1465

Delta R.T. 0.00 min

Lab File: BF102955.D

Acq: 13 Feb 2018 12:21

Instrument :

BNA_F

ClientSampleId :

PMW-1A

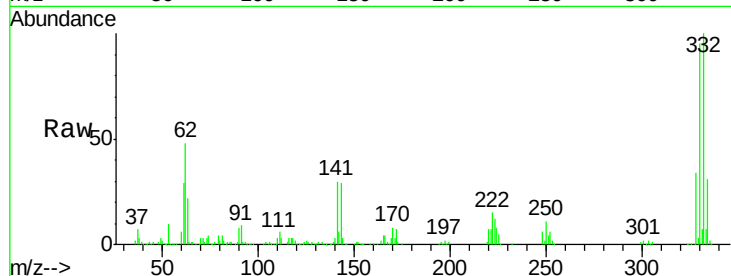
Tot Ion:330 Resp: 369894

Ion Ratio Lower Upper

330 100

332 105.0 77.0 115.6

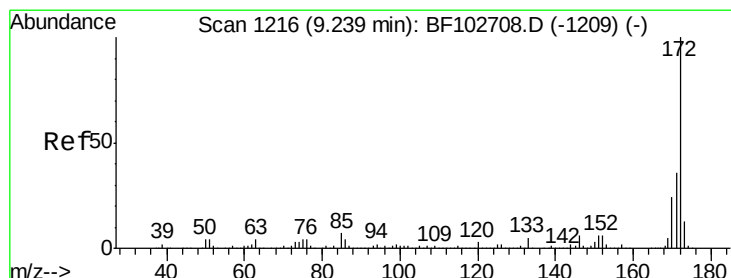
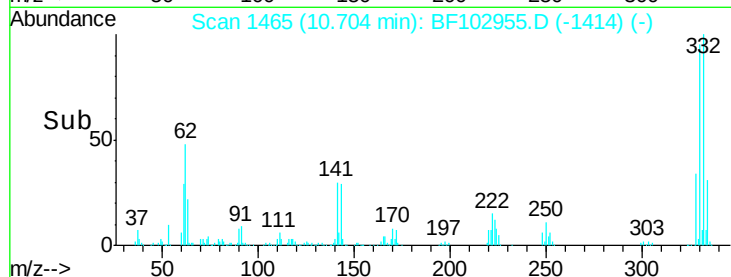
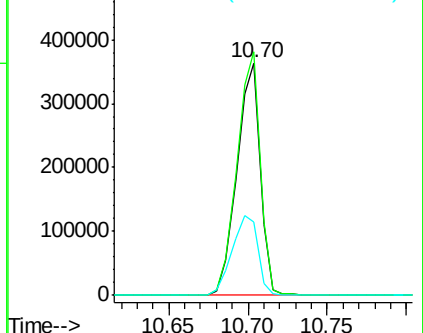
141 38.3 29.9 44.9



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: 80.370 ng

RT: 9.23 min Scan# 1215

Delta R.T. -0.01 min

Lab File: BF102955.D

Acq: 13 Feb 2018 12:21

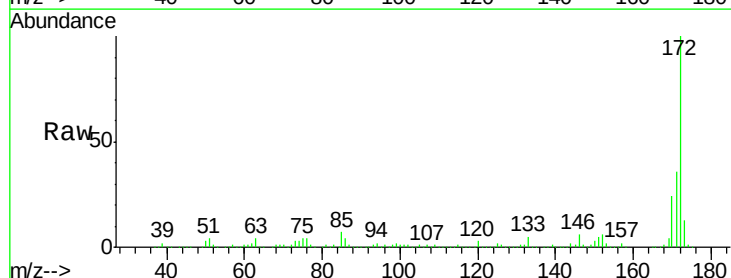
Tgt Ion:172 Resp: 1671010

Ion Ratio Lower Upper

172 100

171 36.4 29.7 44.5

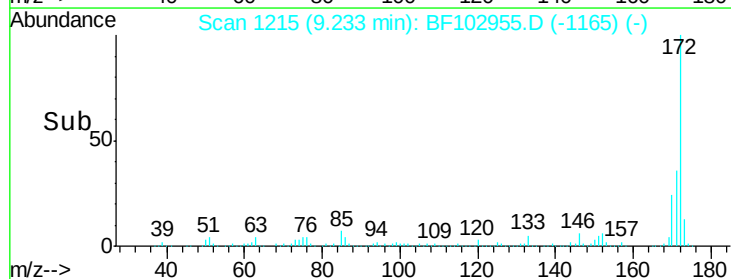
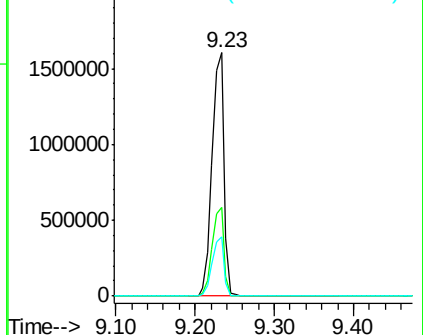
170 24.4 19.6 29.4

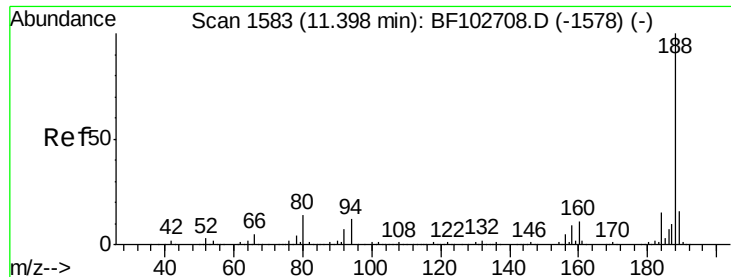


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

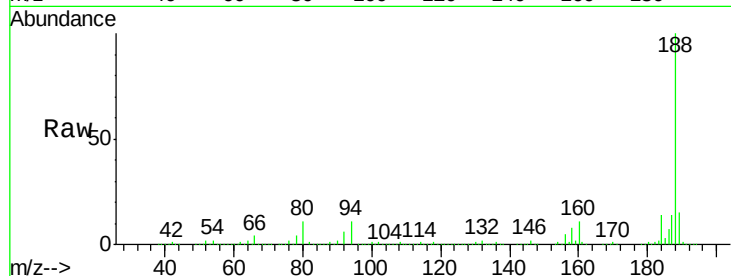




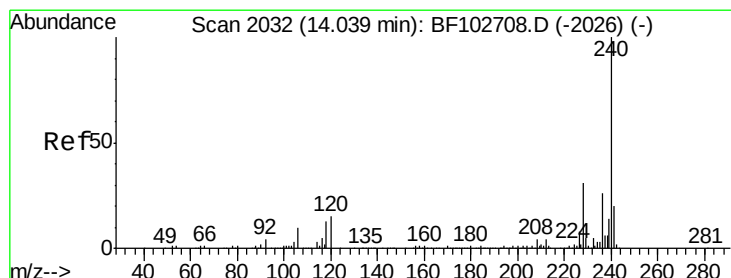
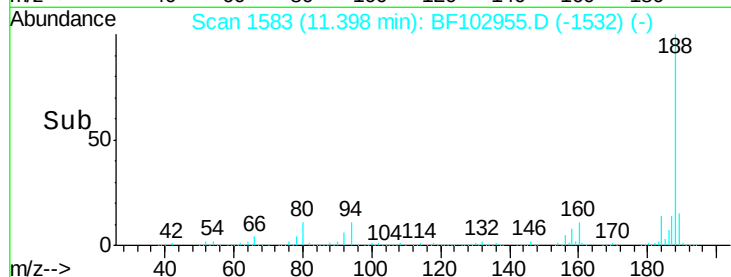
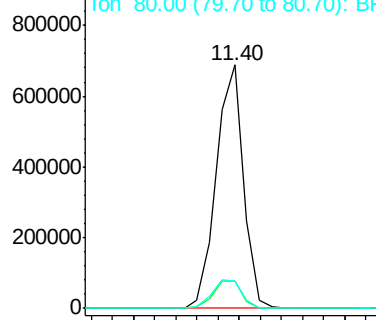
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BF102955.D
Acq: 13 Feb 2018 12:21

Instrument :
BNA_F
ClientSampleId :
PMW-1A

Tot Ion:188 Resp: 616995
Ion Ratio Lower Upper
188 100
94 11.1 8.5 12.7
80 11.4 9.2 13.8

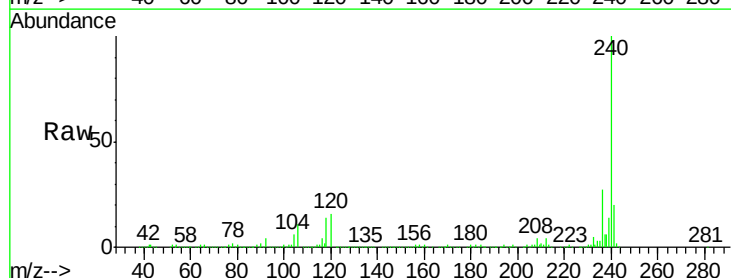


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

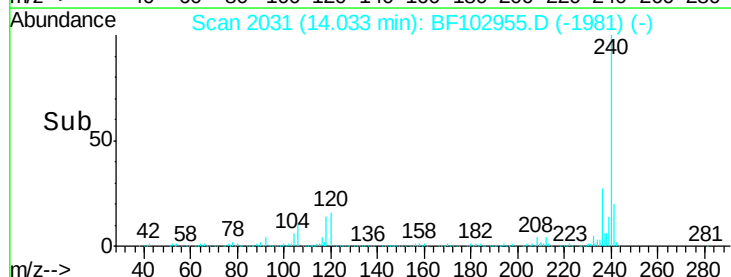
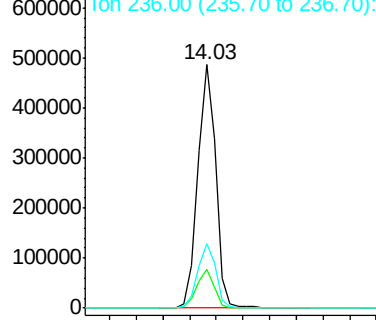


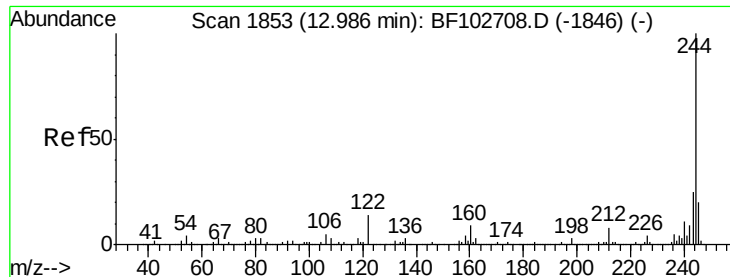
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF102955.D
Acq: 13 Feb 2018 12:21

Tgt Ion:240 Resp: 465190
Ion Ratio Lower Upper
240 100
120 15.8 9.5 14.3#
236 26.6 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





#78

Terphenyl-d14

Concen: 80.577 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BF102955.D

Acq: 13 Feb 2018 12:21

Instrument :

BNA_F

ClientSampleId :

PMW-1A

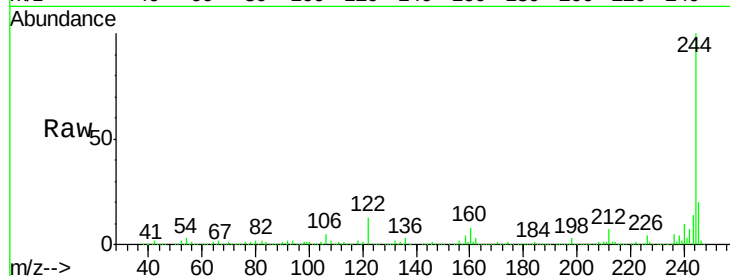
Tot Ion:244 Resp: 1583078

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

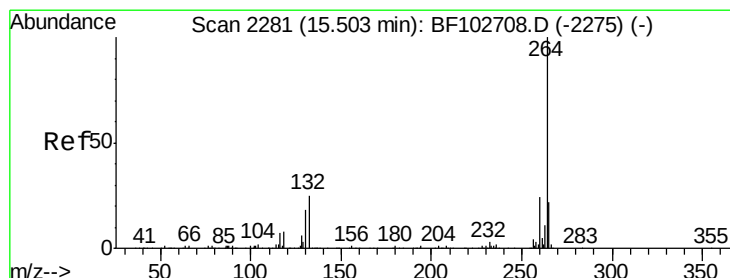
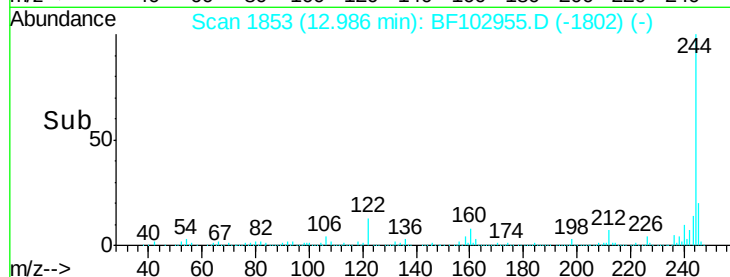
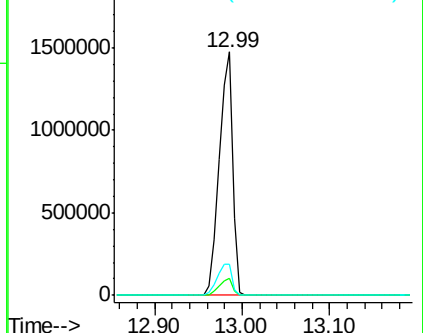
122 13.0 11.0 16.4



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: BF102955.D

Acq: 13 Feb 2018 12:21

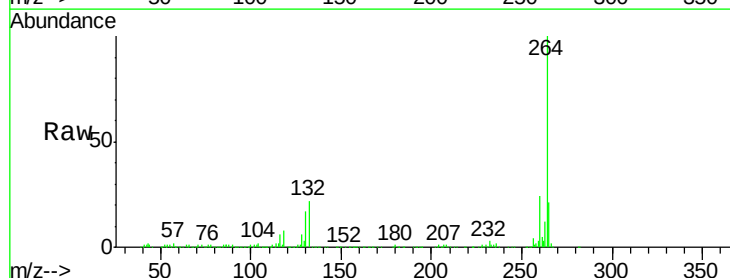
Tgt Ion:264 Resp: 373631

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 21.5 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

