

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020718\
 Data File : BF102821.D
 Acq On : 7 Feb 2018 18:31
 Operator : SJ/JU
 Sample : J1400-03 10X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-020618-B

Quant Time: Feb 08 02:48:10 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 12:44:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	157747	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	669555	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	299809	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	516400	20.00	ng	0.00
75) Chrysene-d12	14.04	240	327778	20.00	ng	-0.01
86) Perylene-d12	15.52	264	329130	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	127874	12.31	ng	-0.01
7) Phenol-d6	6.49	99	154736	12.37	ng	-0.01
23) Nitrobenzene-d5	7.43	82	109439	11.34	ng	-0.02
41) 2,4,6-Tribromophenol	10.70	330	30736	12.74	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	195996	10.85	ng	-0.01
78) Terphenyl-d14	12.99	244	155487	11.23	ng	-0.01

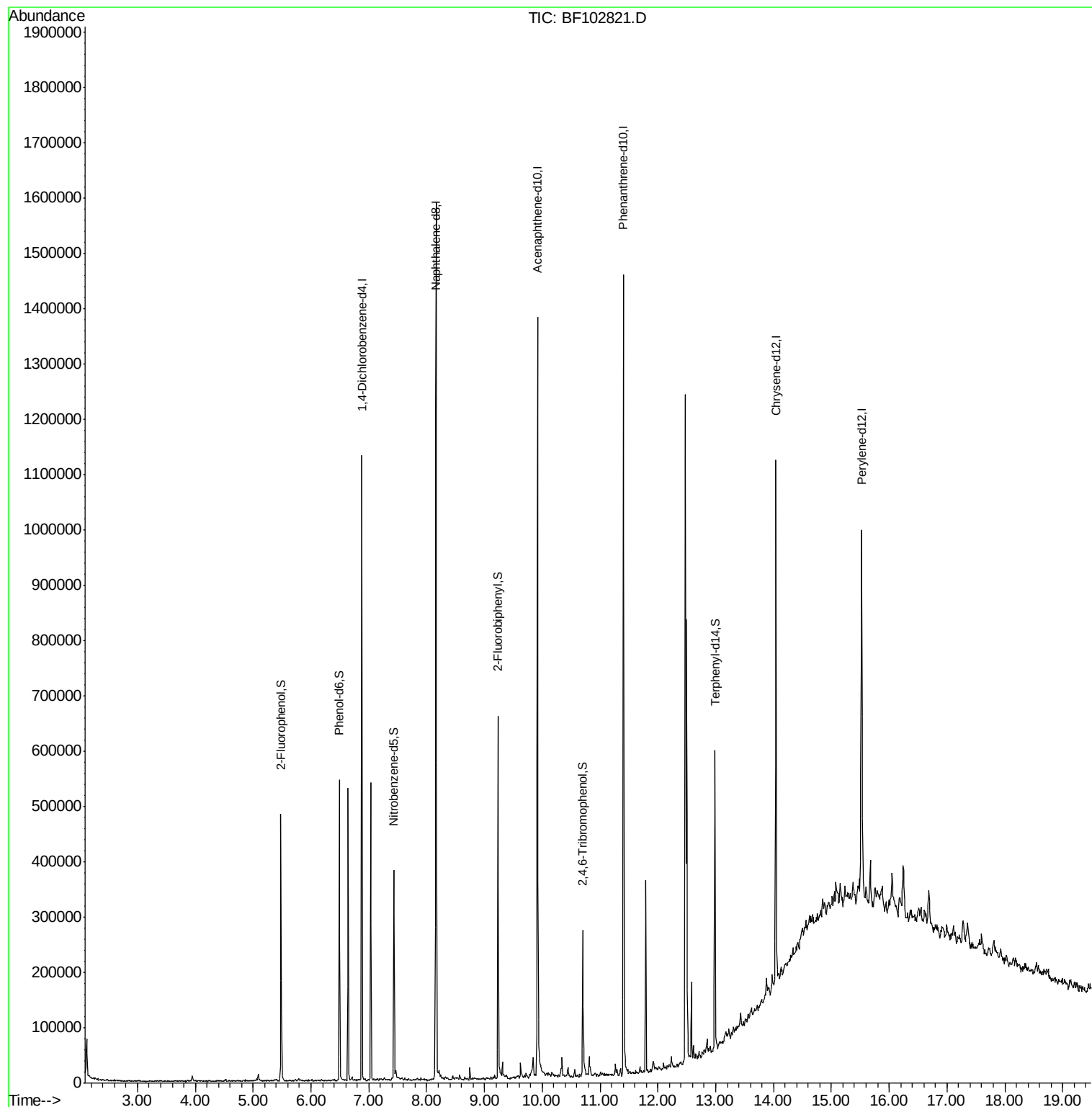
Target Compounds Qvalue

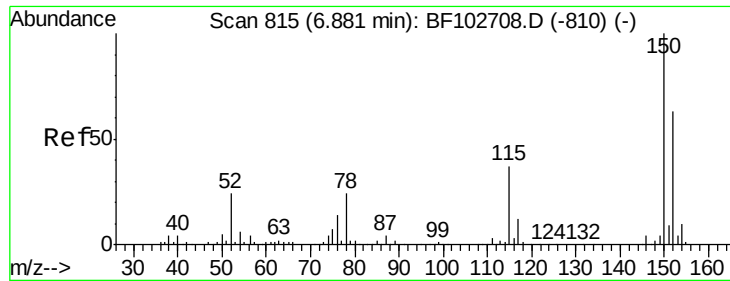
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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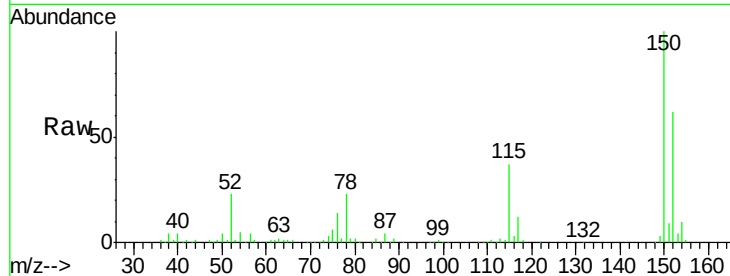


#1

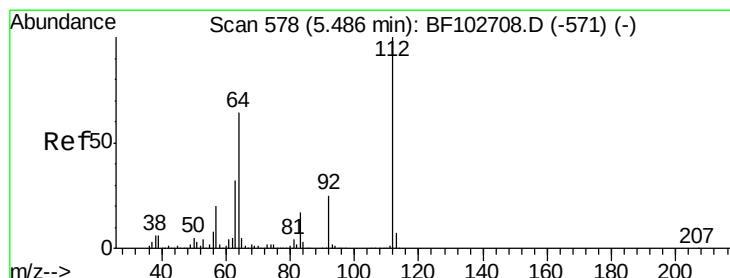
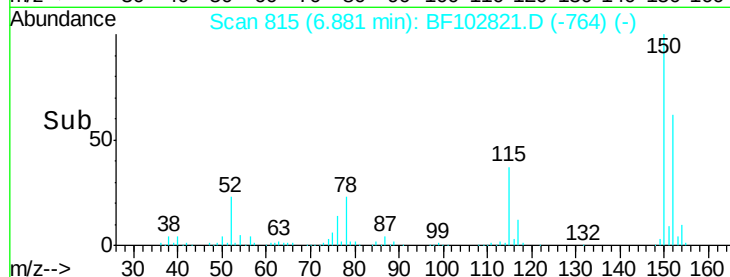
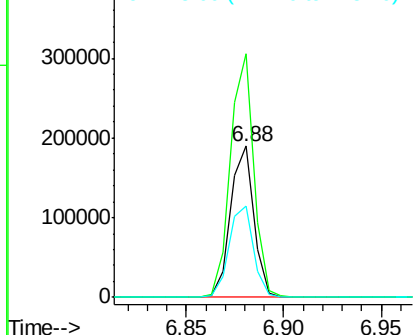
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF102821.D
Acq: 7 Feb 2018 18:31

Instrument :
BNA_F
ClientSampleId :
EO-01-020618-B

Tot Ion:152 Resp: 157747
Ion Ratio Lower Upper
152 100
150 161.3 124.6 186.8
115 60.2 50.1 75.1



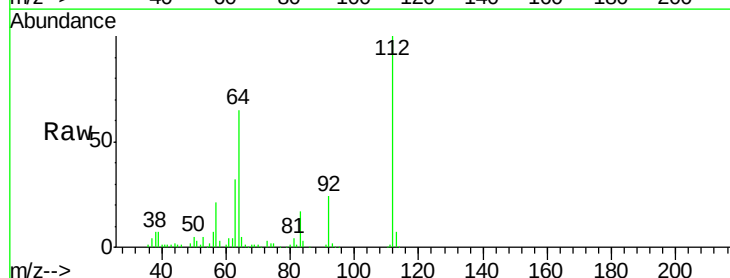
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



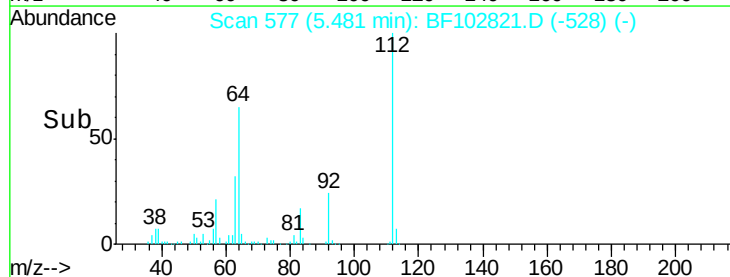
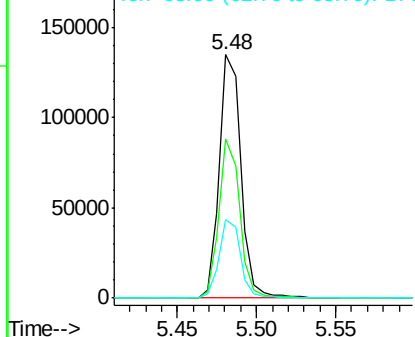
#5

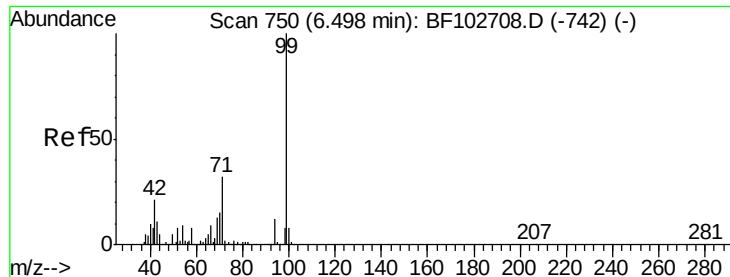
2-Fluorophenol
Concen: 12.311 ng
RT: 5.48 min Scan# 577
Delta R.T. -0.01 min
Lab File: BF102821.D
Acq: 7 Feb 2018 18:31

Tgt Ion:112 Resp: 127874
Ion Ratio Lower Upper
112 100
64 65.2 47.9 71.9
63 32.1 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: 12.372 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF102821.D

Acq: 7 Feb 2018 18:31

Instrument :

BNA_F

ClientSampleId :

EO-01-020618-B

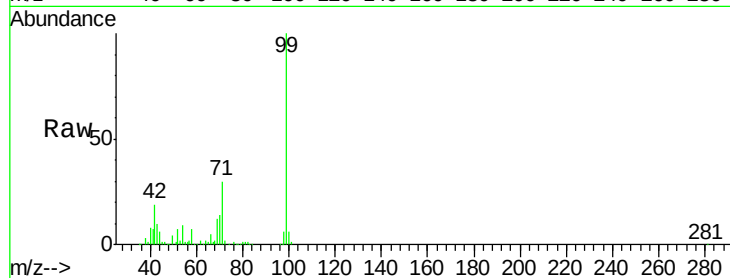
Tot Ion: 99 Resp: 154736

Ion Ratio Lower Upper

99 100

42 19.3 14.5 21.7

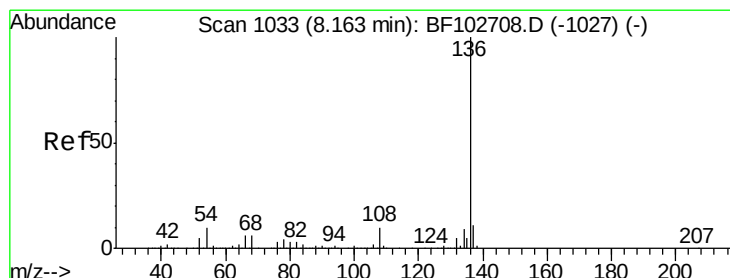
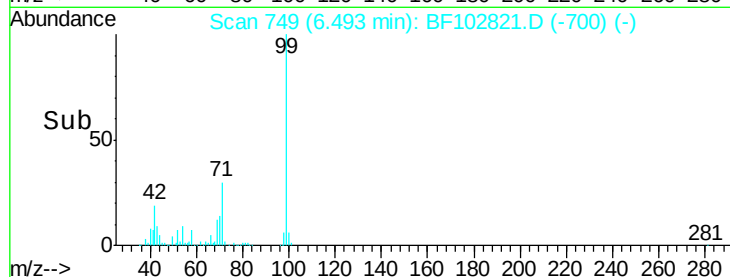
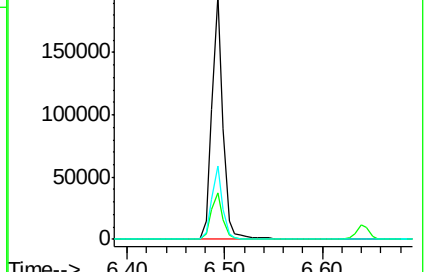
71 30.2 25.4 38.0



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# 1033

Delta R.T. -0.01 min

Lab File: BF102821.D

Acq: 7 Feb 2018 18:31

Tgt Ion: 136 Resp: 669555

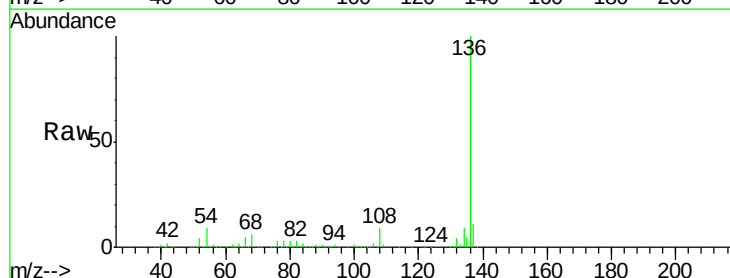
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 9.0 6.6 9.8

68 6.4 5.0 7.4

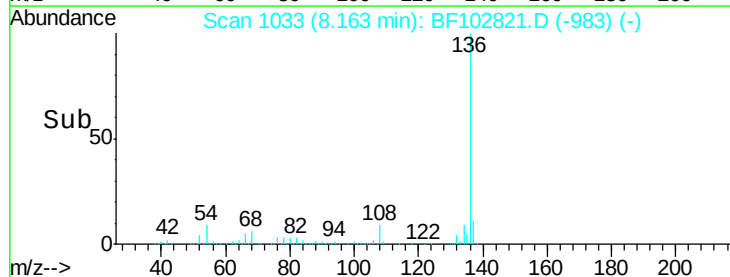
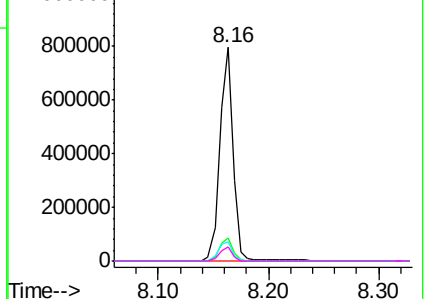


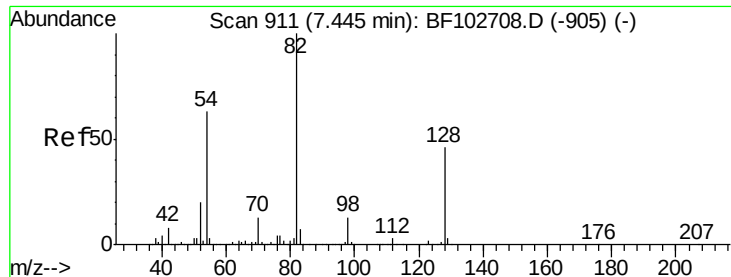
Abundance Ion 136.00 (135.70 to 136.70): E

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

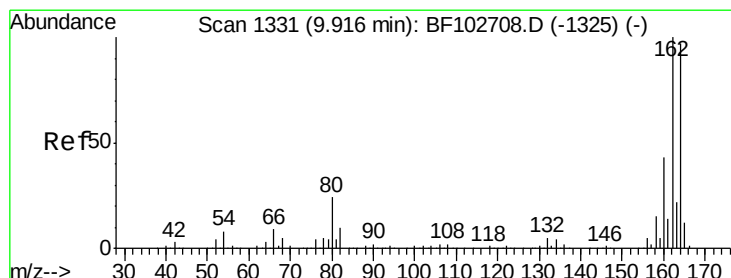
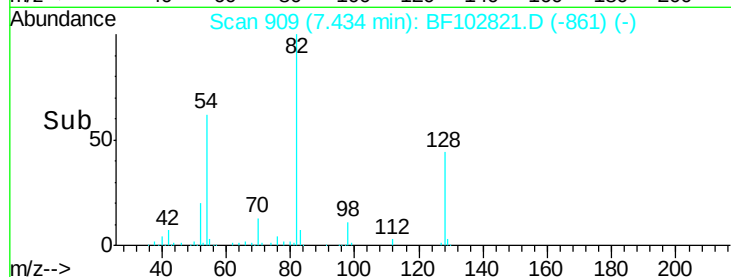
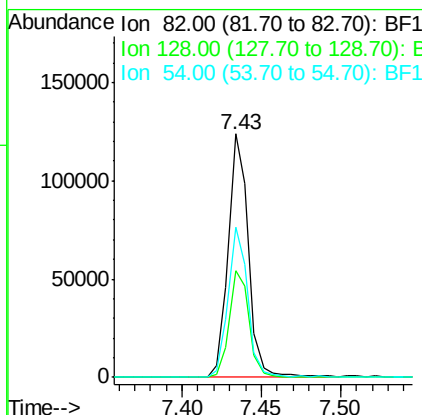
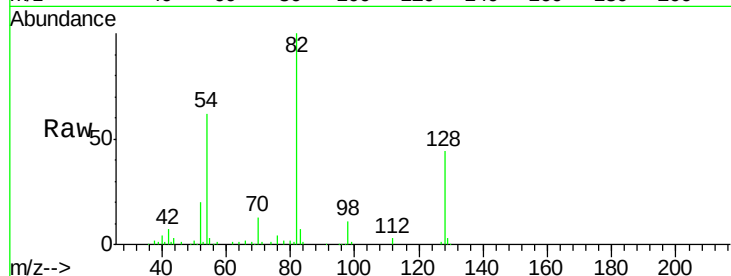




#23
Nitrobenzene-d5
Concen: 11.339 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF102821.D
Acq: 7 Feb 2018 18:31

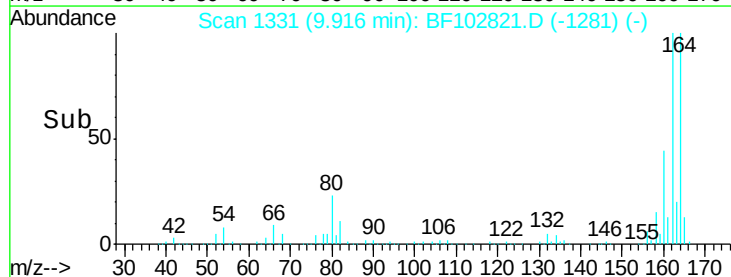
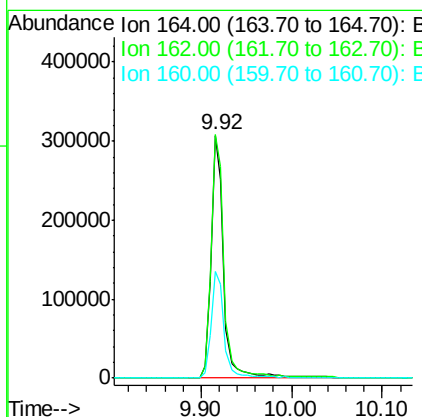
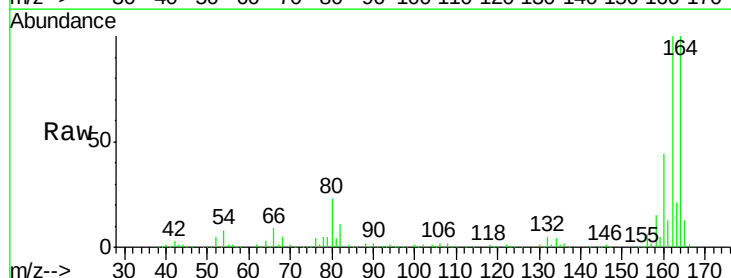
Instrument :
BNA_F
ClientSampleId :
EO-01-020618-B

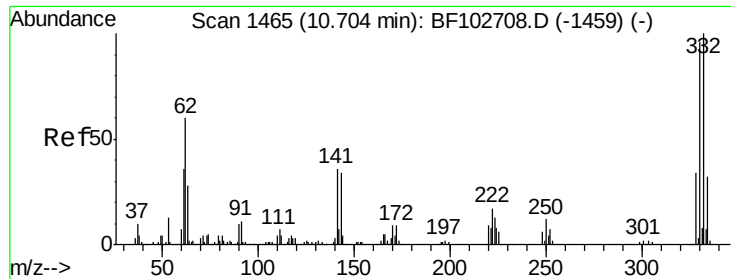
Tot Ion: 82 Resp: 109439
Ion Ratio Lower Upper
82 100
128 43.9 36.1 54.1
54 61.6 41.4 62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF102821.D
Acq: 7 Feb 2018 18:31

Tgt Ion:164 Resp: 299809
Ion Ratio Lower Upper
164 100
162 100.2 86.1 129.1
160 44.0 38.3 57.5





#41

2,4,6-Tribromophenol

Concen: 12.737 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BF102821.D

Acq: 7 Feb 2018 18:31

Instrument :

BNA_F

ClientSampleId :

EO-01-020618-B

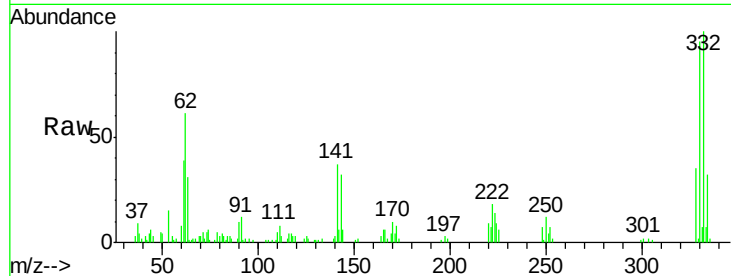
Tot Ion:330 Resp: 30736

Ion Ratio Lower Upper

330 100

332 102.1 77.0 115.6

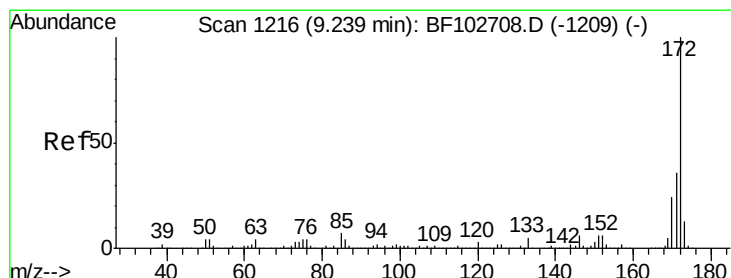
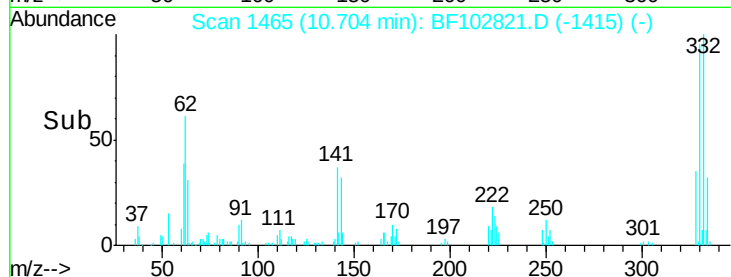
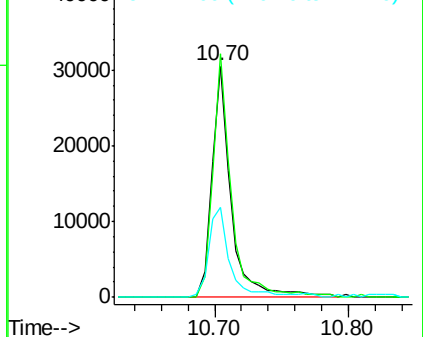
141 42.3 29.9 44.9



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: 10.848 ng

RT: 9.23 min Scan# 1215

Delta R.T. -0.01 min

Lab File: BF102821.D

Acq: 7 Feb 2018 18:31

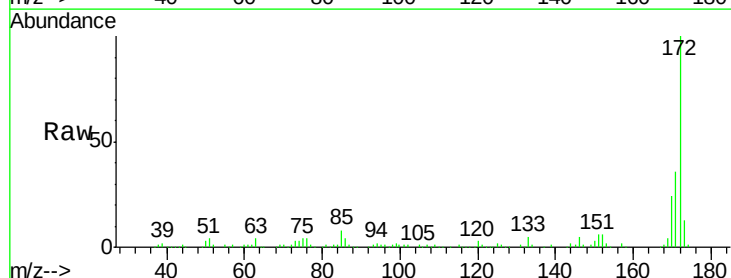
Tgt Ion:172 Resp: 195996

Ion Ratio Lower Upper

172 100

171 35.9 29.7 44.5

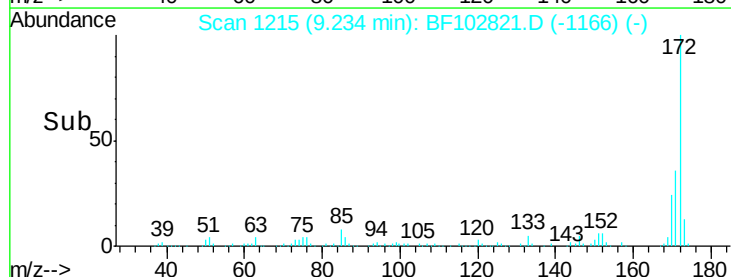
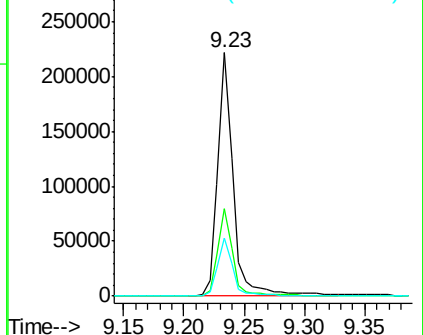
170 23.8 19.6 29.4

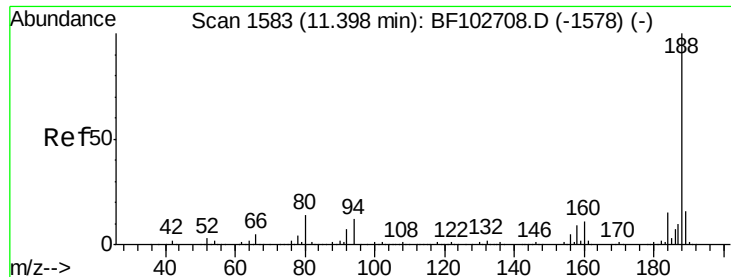


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

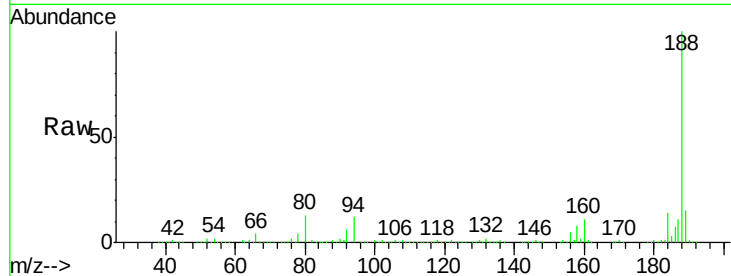




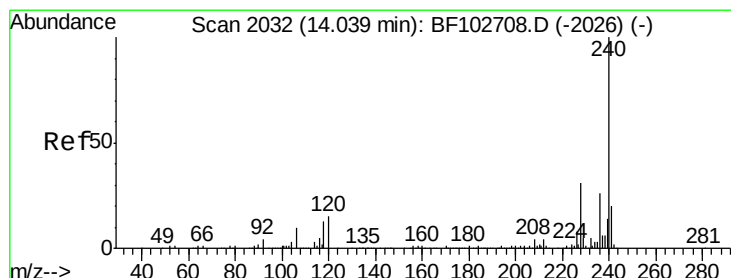
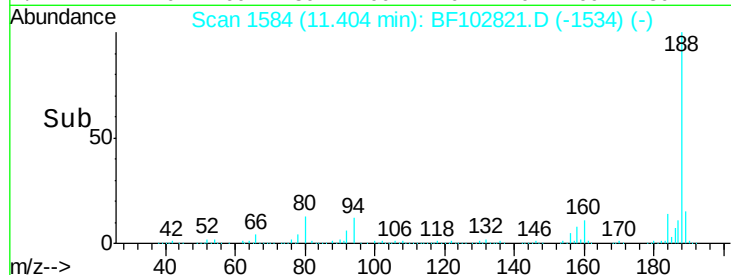
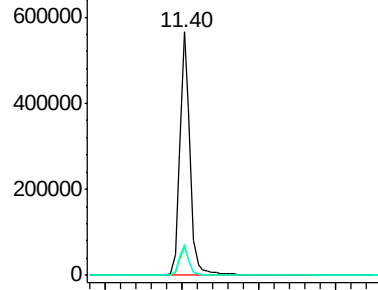
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF102821.D
Acq: 7 Feb 2018 18:31

Instrument :
BNA_F
ClientSampleId :
EO-01-020618-B

Tot Ion:188 Resp: 516400
Ion Ratio Lower Upper
188 100
94 11.8 8.5 12.7
80 12.7 9.2 13.8

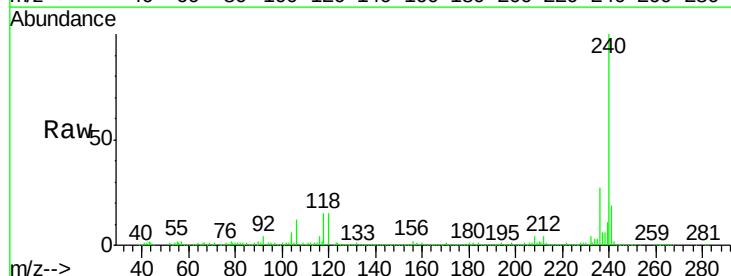


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

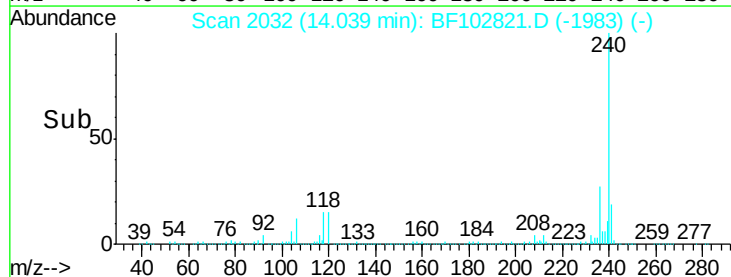
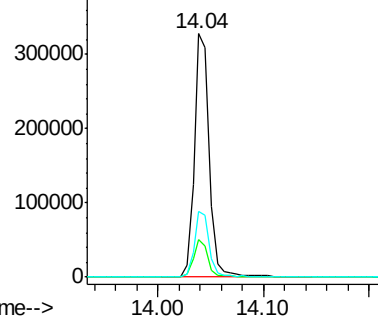


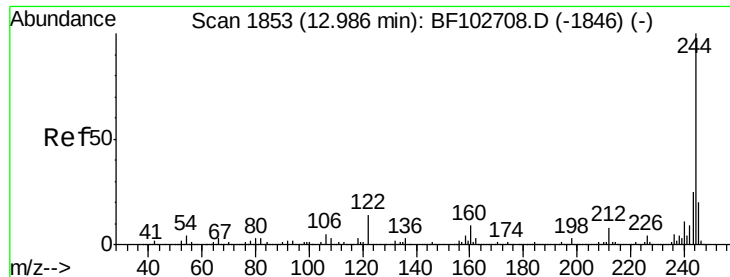
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF102821.D
Acq: 7 Feb 2018 18:31

Tgt Ion:240 Resp: 327778
Ion Ratio Lower Upper
240 100
120 15.4 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





#78

Terphenyl-d14

Concen: 11.232 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF102821.D

Acq: 7 Feb 2018 18:31

Instrument :

BNA_F

ClientSampleId :

EO-01-020618-B

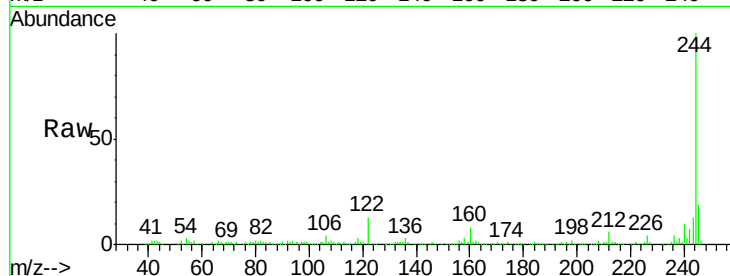
Tot Ion:244 Resp: 155487

Ion Ratio Lower Upper

244 100

212 6.2 5.4 8.0

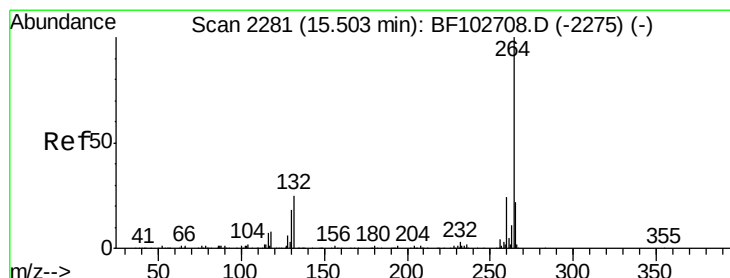
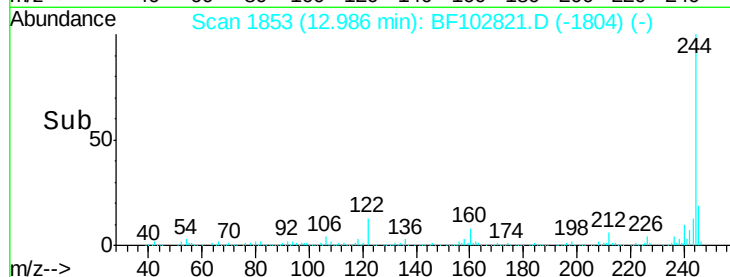
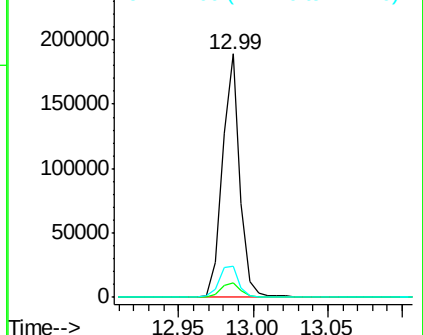
122 13.0 11.0 16.4



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: 15.52 min Scan# 2284

Delta R.T. -0.01 min

Lab File: BF102821.D

Acq: 7 Feb 2018 18:31

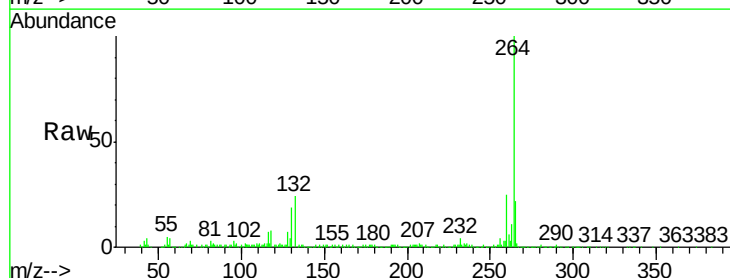
Tgt Ion:264 Resp: 329130

Ion Ratio Lower Upper

264 100

260 24.7 19.2 28.8

265 22.1 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

