

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012517\
 Data File : BF092489.D
 Acq On : 25 Jan 2017 21:02
 Operator : SJ/MA
 Sample : I1417-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 012017-DSDC-E-D-M

Quant Time: Jan 26 10:26:26 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 13:48:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	159747	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	630921	20.00	ng	-0.01
38) Acenaphthene-d10	10.02	164	336821	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	565343	20.00	ng	-0.02
75) Chrysene-d12	14.15	240	521563	20.00	ng	-0.02
86) Perylene-d12	15.62	264	452953	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	257799	25.11	ng	0.00
7) Phenol-d6	6.57	99	198726	15.19	ng	-0.02
23) Nitrobenzene-d5	7.53	82	817698	70.80	ng	-0.01
41) 2,4,6-Tribromophenol	10.81	330	172922	75.34	ng	-0.01
44) 2-Fluorobiphenyl	9.34	172	1620251	88.95	ng	-0.01
78) Terphenyl-d14	13.11	244	1571988	80.26	ng	-0.01

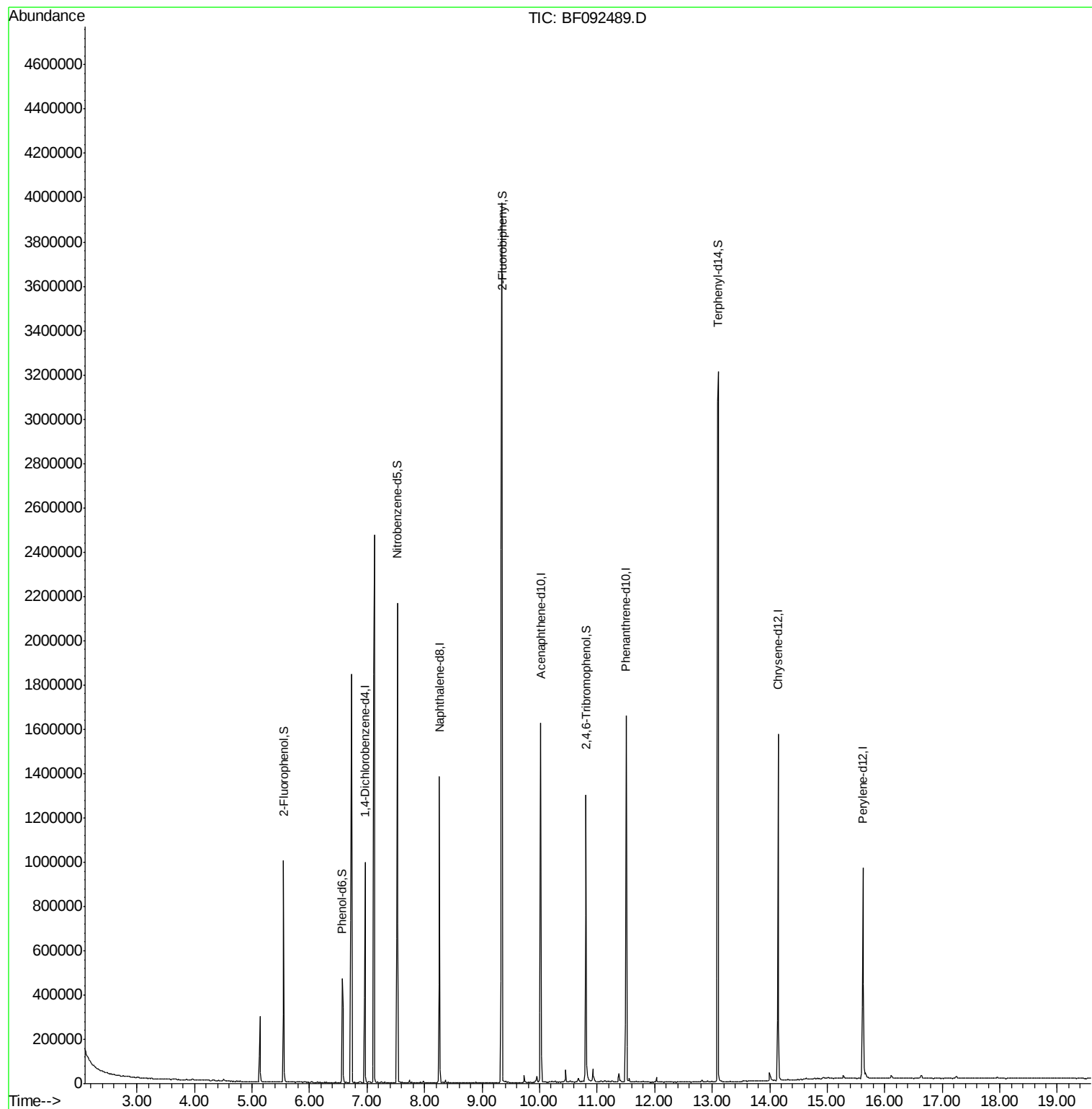
Target Compounds Qvalue

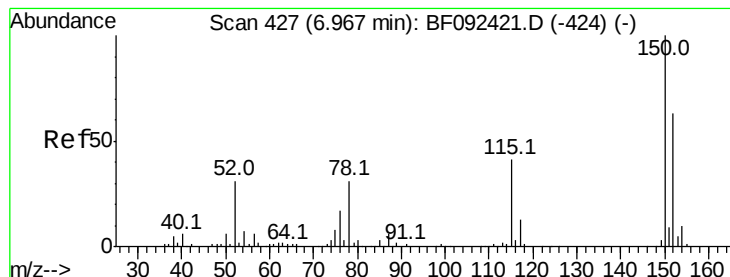
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.97 min Scan# 427

Delta R.T. 0.00 min

Lab File: BF092489.D

Acq: 25 Jan 2017 21:02

Instrument :

BNA_F

ClientSampleId :

012017-DSDC-E-D-M

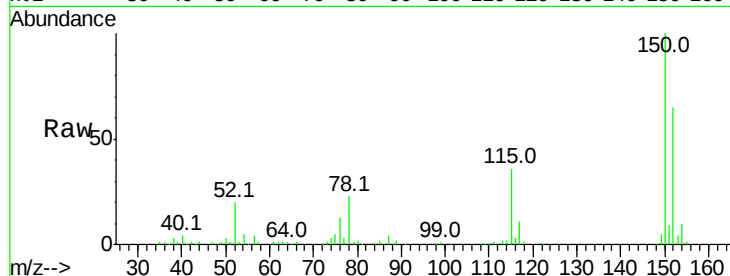
Tot Ion:152 Resp: 159747

Ion Ratio Lower Upper

152 100

150 153.9 124.9 187.3

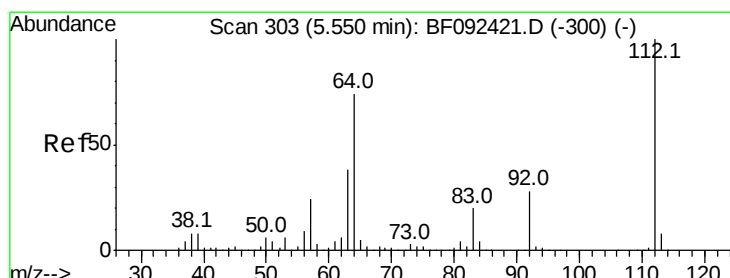
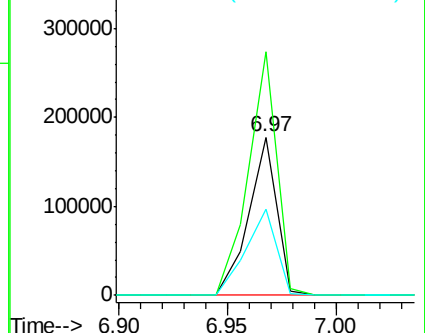
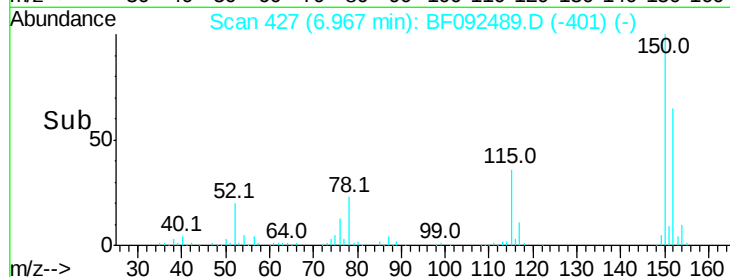
115 54.8 46.0 69.0



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: 25.11 ng

RT: 5.55 min Scan# 303

Delta R.T. 0.00 min

Lab File: BF092489.D

Acq: 25 Jan 2017 21:02

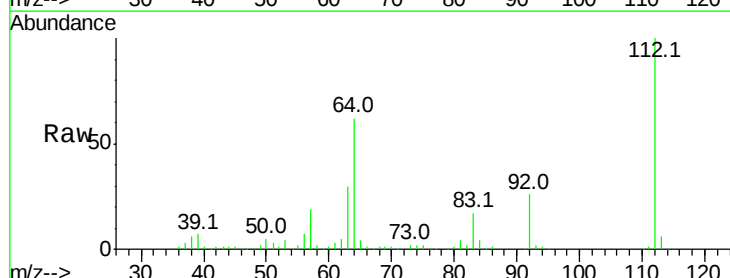
Tgt Ion:112 Resp: 257799

Ion Ratio Lower Upper

112 100

64 62.4 46.1 69.1

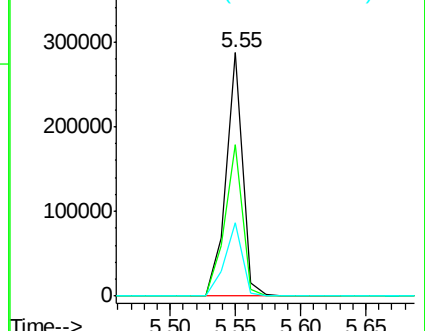
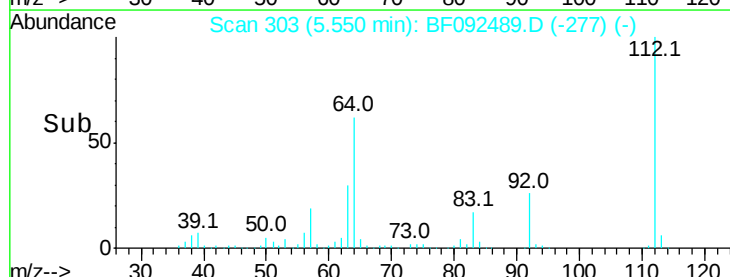
63 30.0 23.8 35.6

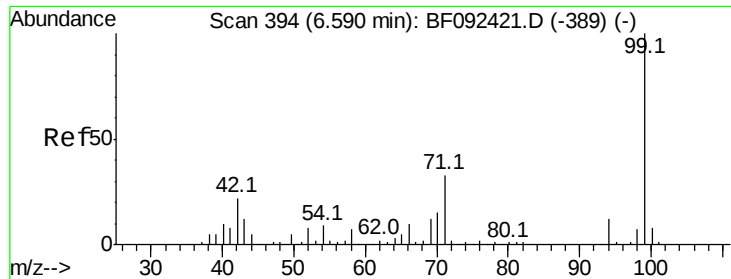


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 15.19 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.02 min

Lab File: BF092489.D

Acq: 25 Jan 2017 21:02

Instrument :

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012017-DSDC-E-D-M

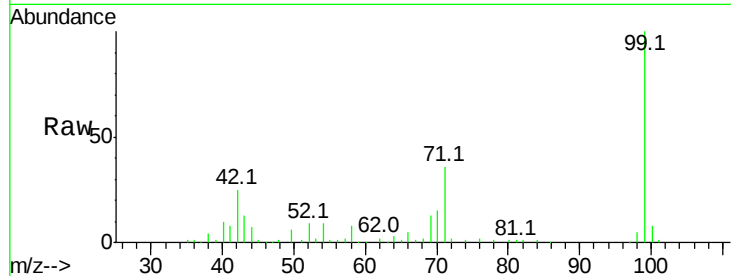
Tot Ion: 99 Resp: 198726

Ion Ratio Lower Upper

99 100

42 24.9 15.6 23.4#

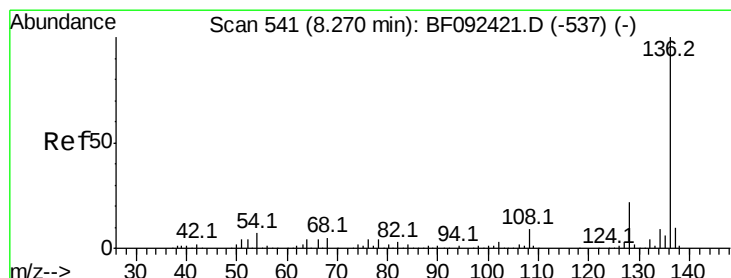
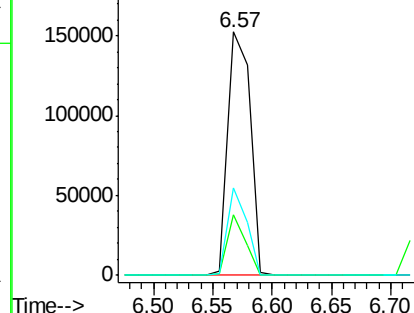
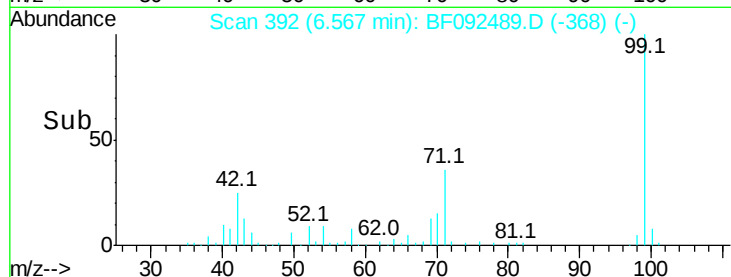
71 35.9 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.26 min Scan# 540

Delta R.T. -0.01 min

Lab File: BF092489.D

Acq: 25 Jan 2017 21:02

Tgt Ion: 136 Resp: 630921

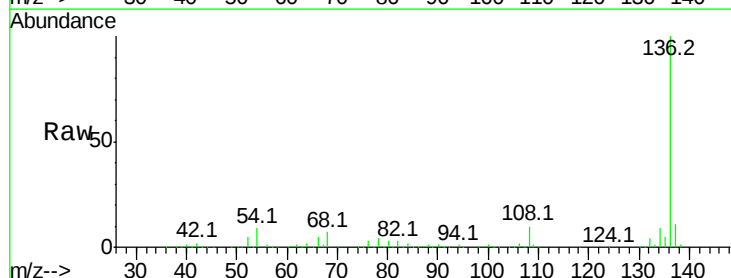
Ion Ratio Lower Upper

136 100

137 10.6 8.4 12.6

54 9.3 4.5 6.7#

68 6.7 3.6 5.4#

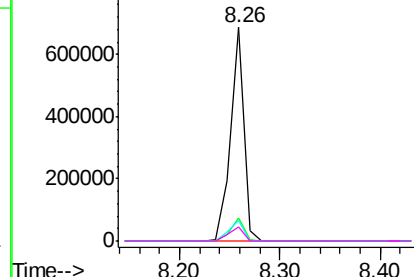
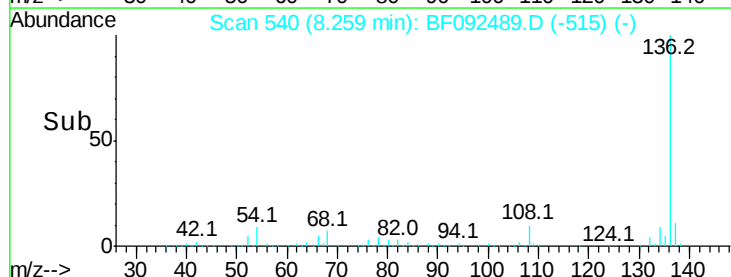


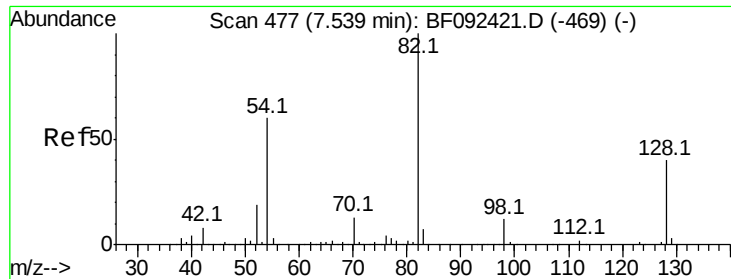
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

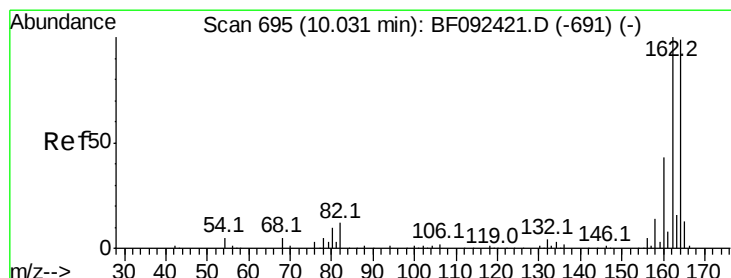
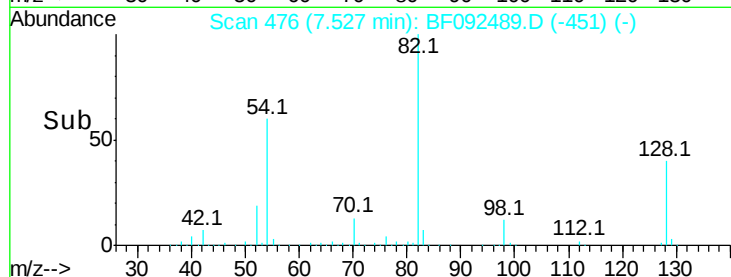
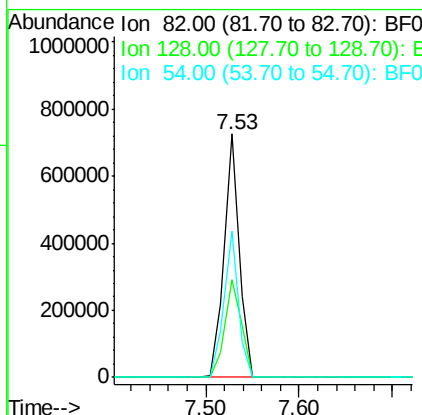
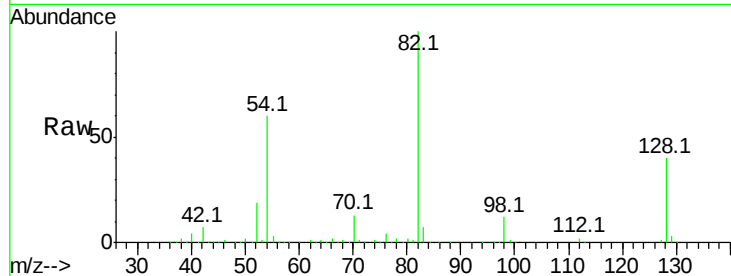




#23
 Nitrobenzene-d5
 Concen: 70.80 ng
 RT: 7.53 min Scan# 476
 Delta R.T. -0.01 min
 Lab File: BF092489.D
 Acq: 25 Jan 2017 21:02

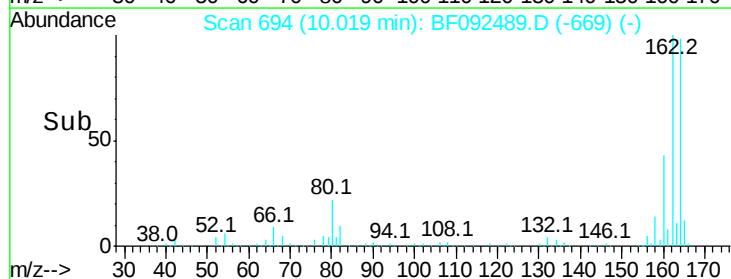
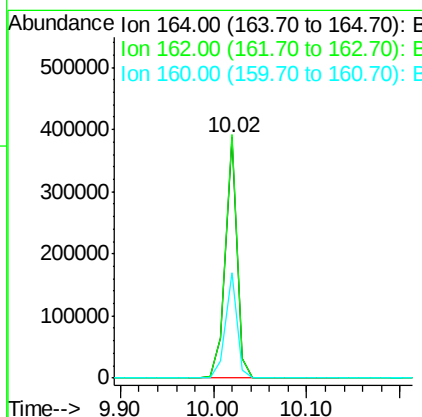
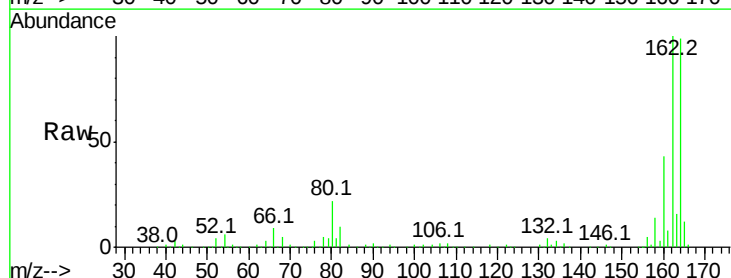
Instrument :
 BNA_F
 ClientSampleId :
 012017-DSDC-E-D-M

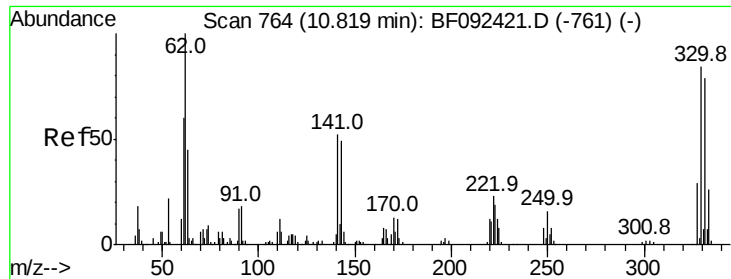
Tot Ion: 82 Resp: 817698
 Ion Ratio Lower Upper
 82 100
 128 40.1 34.6 52.0
 54 60.0 39.5 59.3#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.02 min Scan# 694
 Delta R.T. -0.01 min
 Lab File: BF092489.D
 Acq: 25 Jan 2017 21:02

Tgt Ion: 164 Resp: 336821
 Ion Ratio Lower Upper
 164 100
 162 101.2 80.2 120.2
 160 43.7 36.9 55.3





#41

2,4,6-Tribromophenol

Concen: 75.34 ng

RT: 10.81 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF092489.D

Acq: 25 Jan 2017 21:02

Instrument :

BNA_F

ClientSampleId :

012017-DSDC-E-D-M

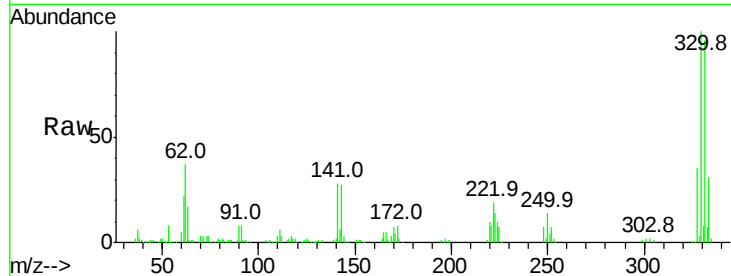
Tot Ion:330 Resp: 172922

Ion Ratio Lower Upper

330 100

332 95.7 77.4 116.2

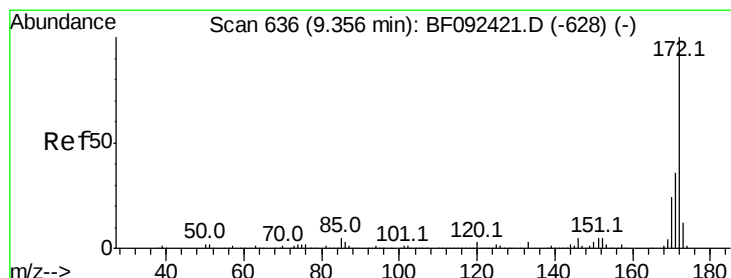
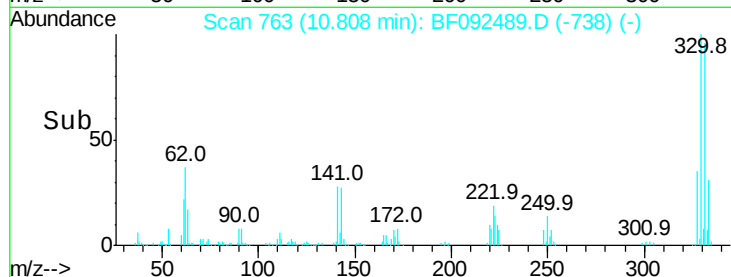
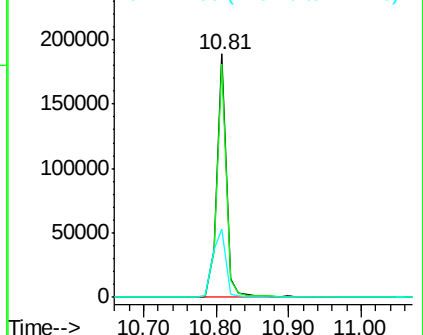
141 38.4 34.1 51.1



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: 88.95 ng

RT: 9.34 min Scan# 635

Delta R.T. -0.01 min

Lab File: BF092489.D

Acq: 25 Jan 2017 21:02

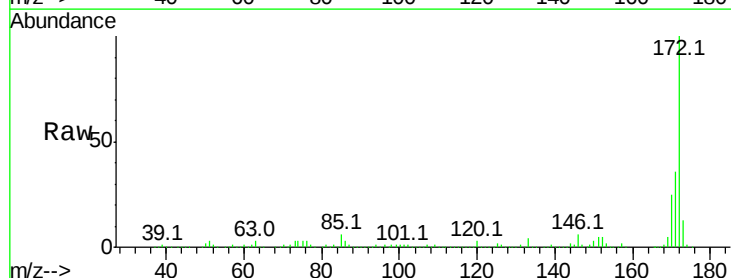
Tgt Ion:172 Resp: 1620251

Ion Ratio Lower Upper

172 100

171 36.3 29.4 44.0

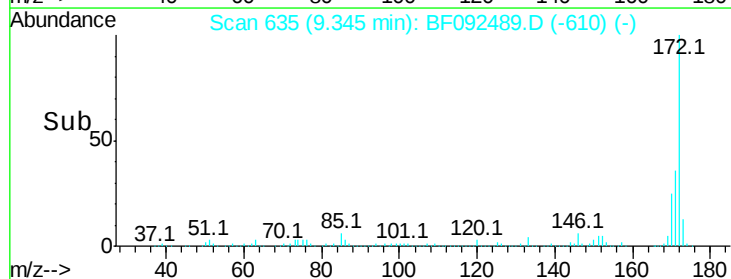
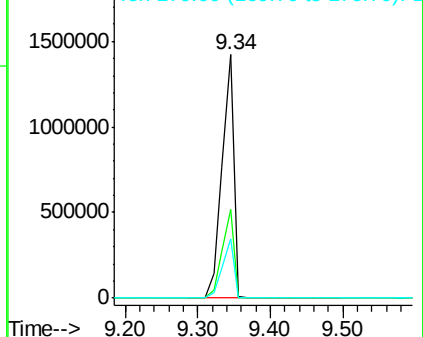
170 24.6 20.2 30.4

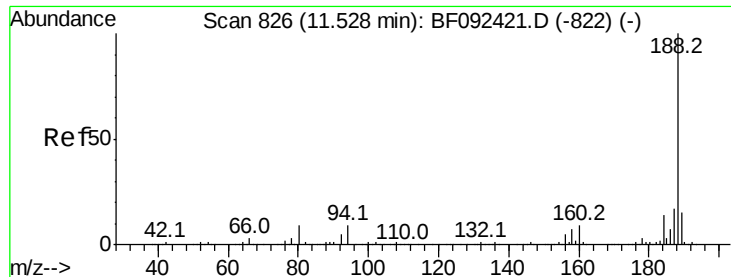


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

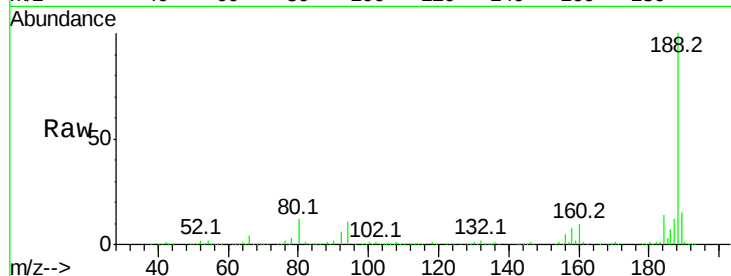




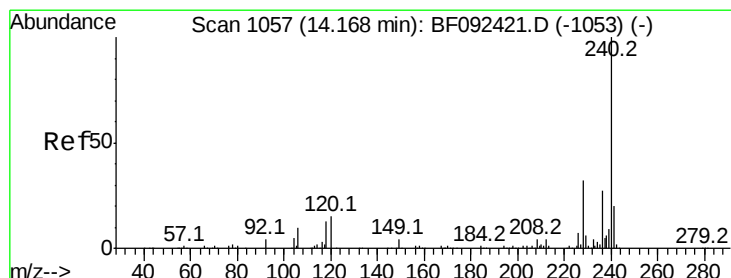
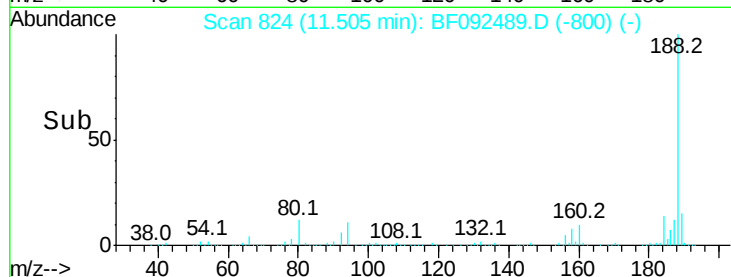
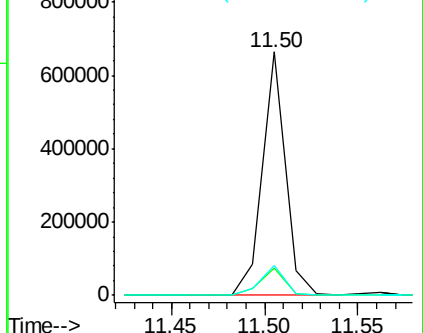
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.50 min Scan# 824
Delta R.T. -0.02 min
Lab File: BF092489.D
Acq: 25 Jan 2017 21:02

Instrument :
BNA_F
ClientSampleId :
012017-DSDC-E-D-M

Tot Ion:188 Resp: 565343
Ion Ratio Lower Upper
188 100
94 11.4 10.0 15.0
80 12.2 11.2 16.8

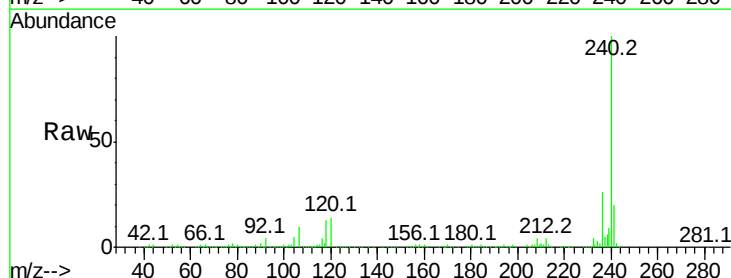


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

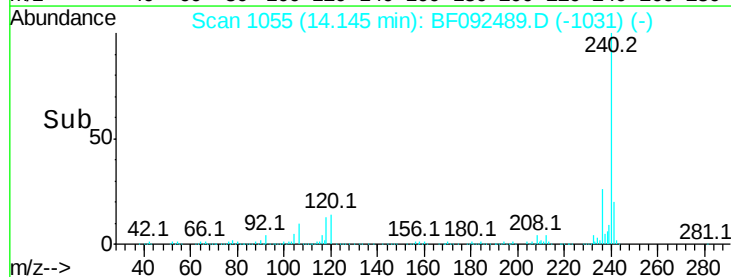
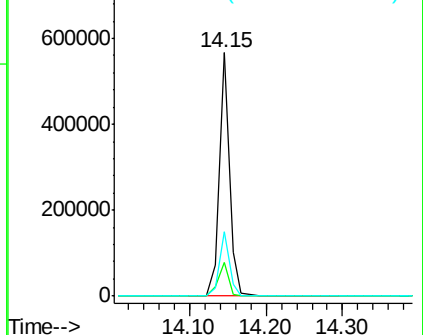


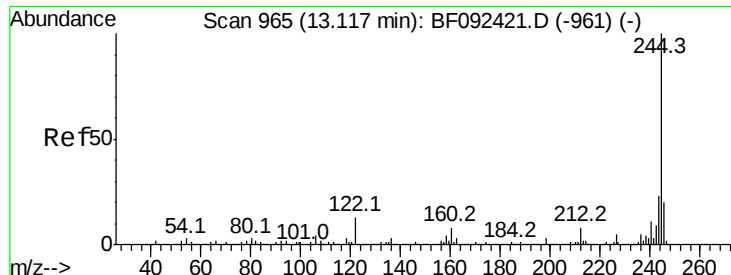
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.15 min Scan# 1055
Delta R.T. -0.02 min
Lab File: BF092489.D
Acq: 25 Jan 2017 21:02

Tgt Ion:240 Resp: 521563
Ion Ratio Lower Upper
240 100
120 13.8 12.9 19.3
236 26.2 20.9 31.3



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: 80.26 ng

RT: 13.11 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF092489.D

Acq: 25 Jan 2017 21:02

Instrument :

BNA_F

ClientSampleId :

012017-DSDC-E-D-M

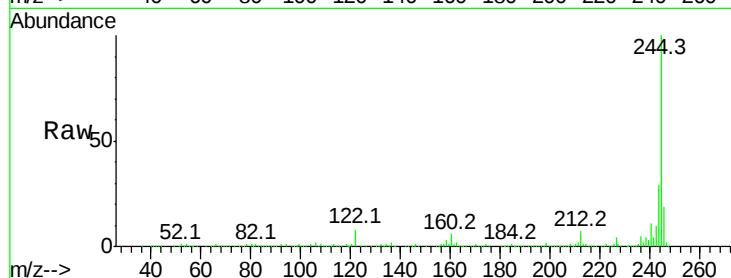
Tot Ion:244 Resp: 1571988

Ion Ratio Lower Upper

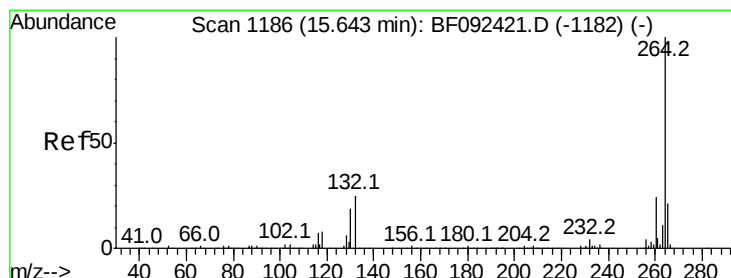
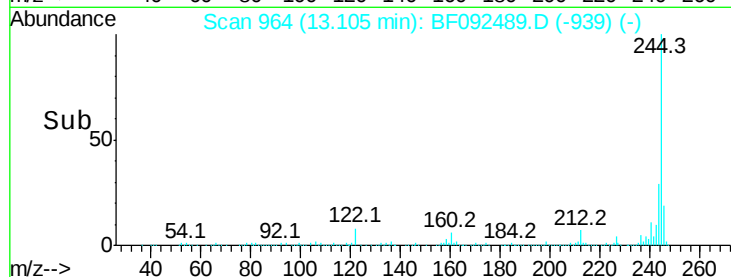
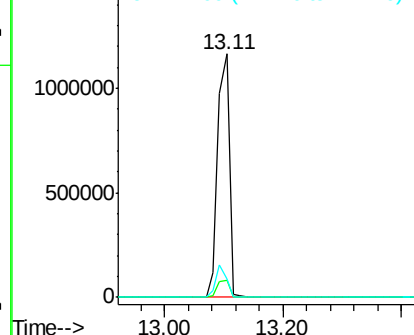
244 100

212 7.3 6.2 9.2

122 7.5 11.4 17.2#



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: 20.00 ng

RT: 15.62 min Scan# 1184

Delta R.T. -0.02 min

Lab File: BF092489.D

Acq: 25 Jan 2017 21:02

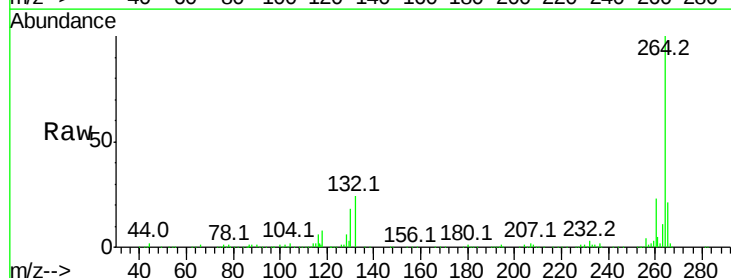
Tgt Ion:264 Resp: 452953

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 21.1 17.4 26.0



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

