

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013017\
 Data File : BF092674.D
 Acq On : 31 Jan 2017 10:50
 Operator : SJ/MA
 Sample : I1551-05
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-16

Quant Time: Jan 31 11:21:30 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	148869	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	558915	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	295640	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	393605	20.00	ng	0.00
75) Chrysene-d12	14.13	240	316048	20.00	ng	-0.01
86) Perylene-d12	15.61	264	221785	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	810734	93.43	ng	0.00
7) Phenol-d6	6.60	99	911927	81.68	ng	0.00
23) Nitrobenzene-d5	7.53	82	843939	84.09	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	134471	62.89	ng	-0.01
44) 2-Fluorobiphenyl	9.33	172	1605634	98.39	ng	0.00
78) Terphenyl-d14	13.08	244	1054455	78.39	ng	0.00

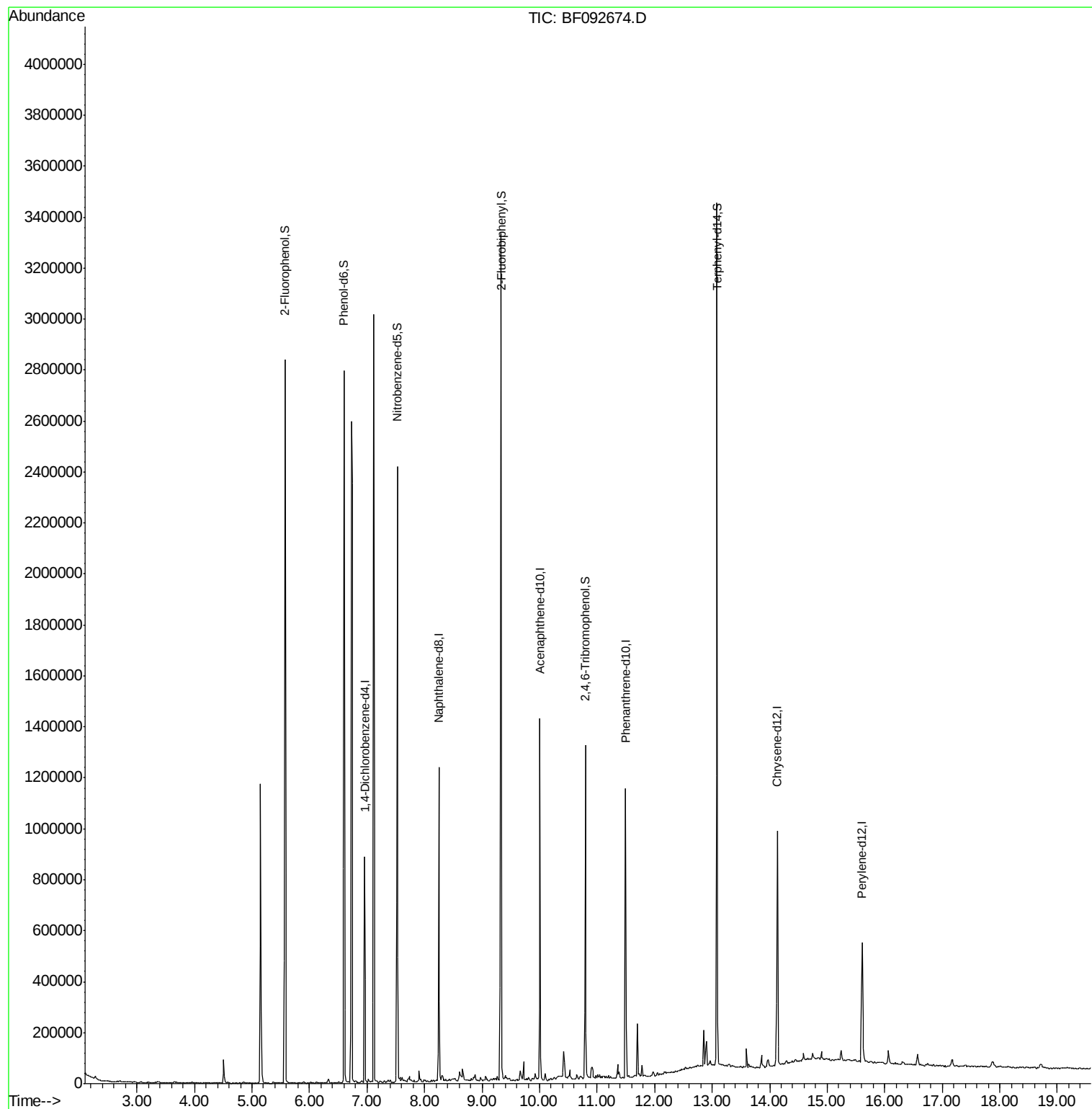
Target Compounds Qvalue

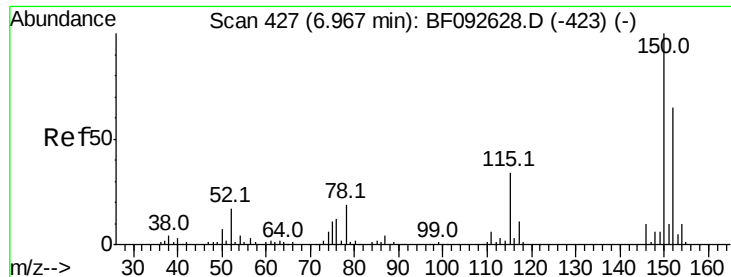
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.96 min Scan# 426

Delta R.T. -0.01 min

Lab File: BF092674.D

Acq: 31 Jan 2017 10:50

Instrument :

BNA_F

ClientSampleId :

W-16

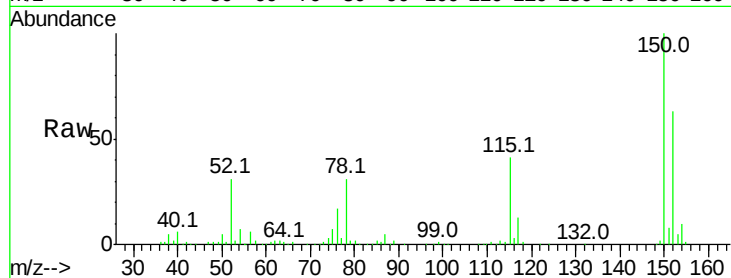
Tot Ion:152 Resp: 148869

Ion Ratio Lower Upper

152 100

150 159.0 124.9 187.3

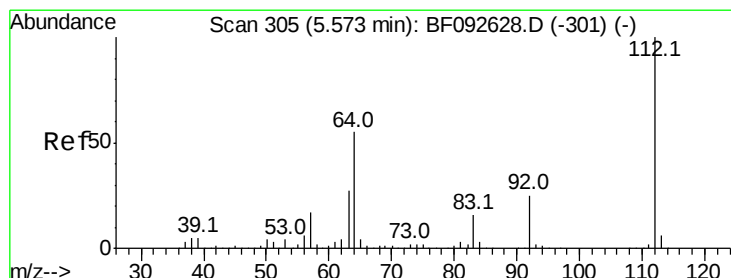
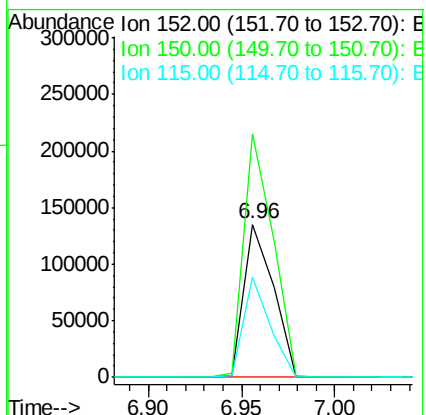
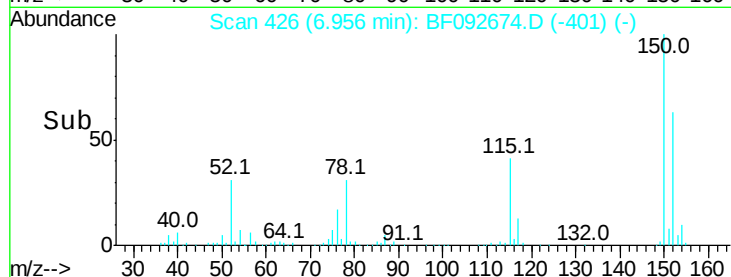
115 65.5 46.0 69.0



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: 93.43 ng

RT: 5.57 min Scan# 305

Delta R.T. 0.00 min

Lab File: BF092674.D

Acq: 31 Jan 2017 10:50

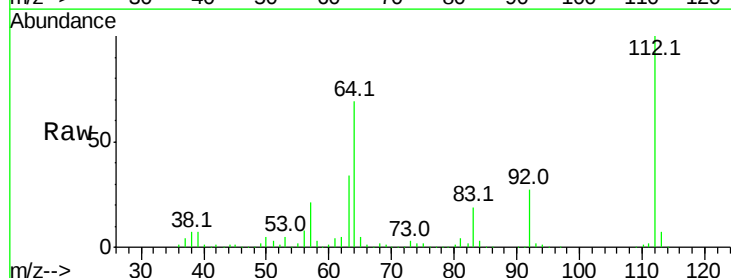
Tgt Ion:112 Resp: 810734

Ion Ratio Lower Upper

112 100

64 68.6 46.1 69.1

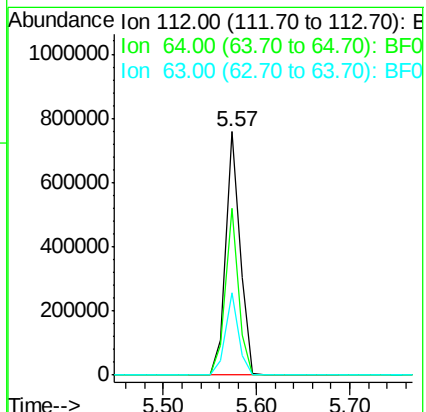
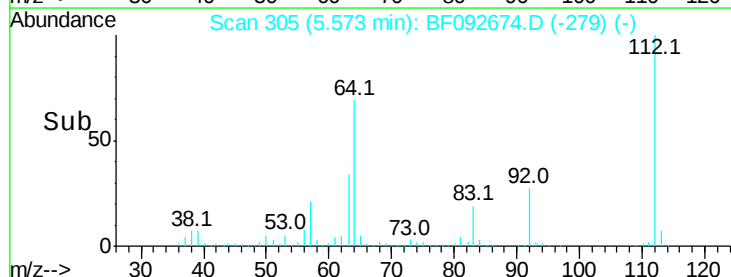
63 34.0 23.8 35.6



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: 81.68 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.00 min

Lab File: BF092674.D

Acq: 31 Jan 2017 10:50

Instrument :

BNA_F

ClientSampleId :

W-16

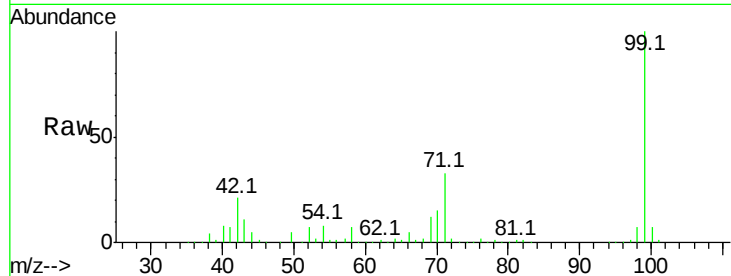
Tot Ion: 99 Resp: 911927

Ion Ratio Lower Upper

99 100

42 20.7 15.6 23.4

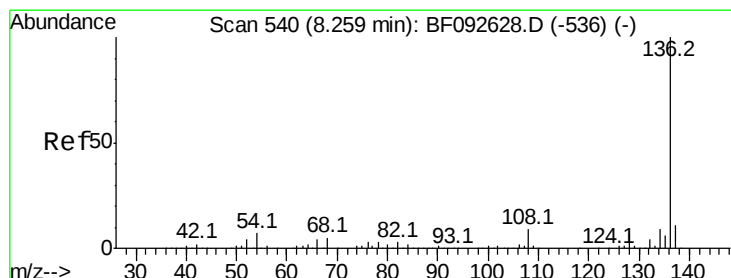
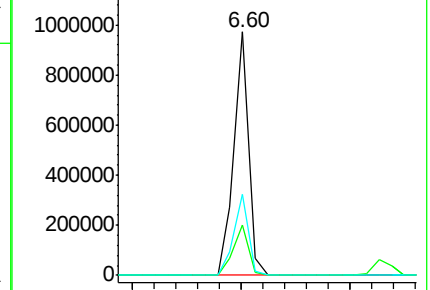
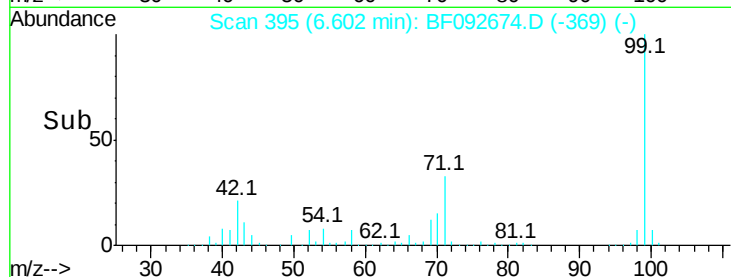
71 33.1 27.5 41.3



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: 8.25 min Scan# 539

Delta R.T. -0.01 min

Lab File: BF092674.D

Acq: 31 Jan 2017 10:50

Tgt Ion: 136 Resp: 558915

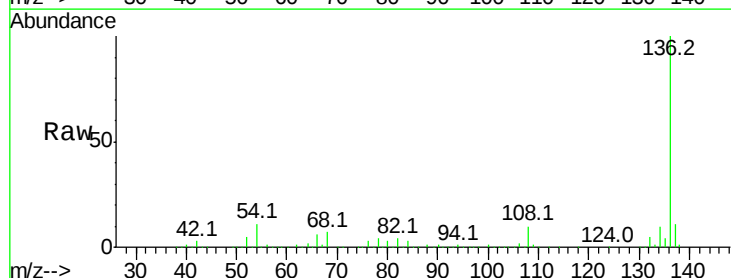
Ion Ratio Lower Upper

136 100

137 11.2 8.4 12.6

54 11.2 4.5 6.7#

68 7.4 3.6 5.4#

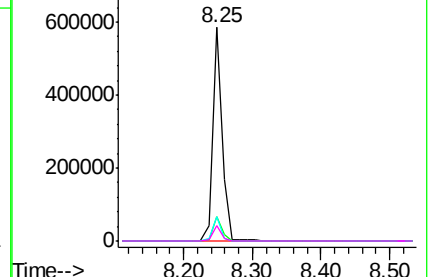
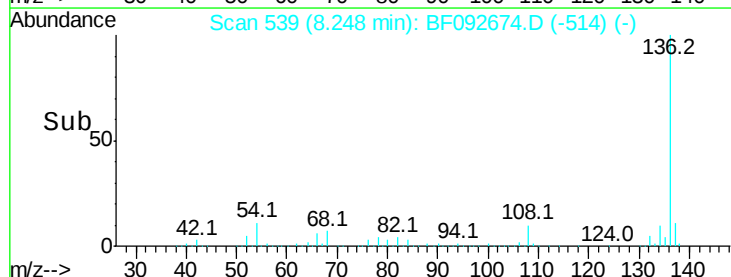


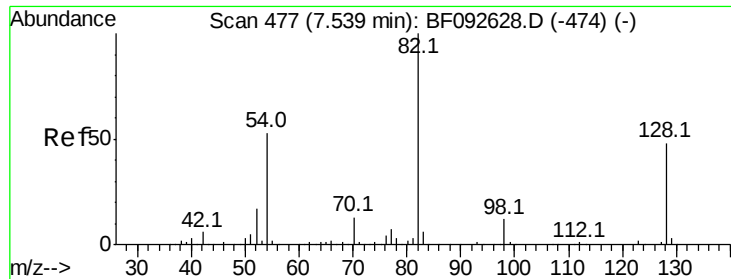
Abundance Ion 136.00 (135.70 to 136.70): E

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

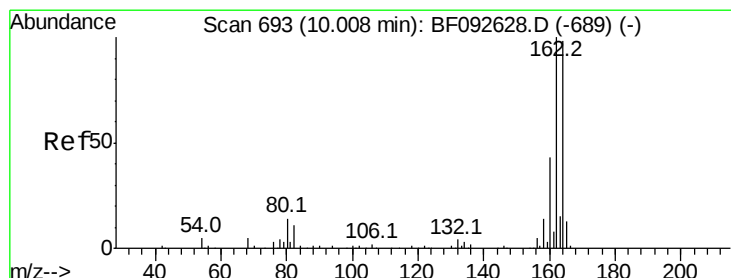
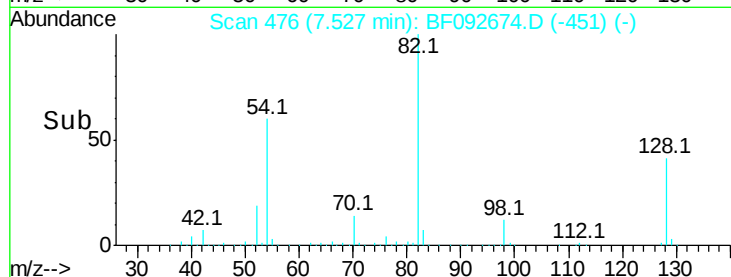
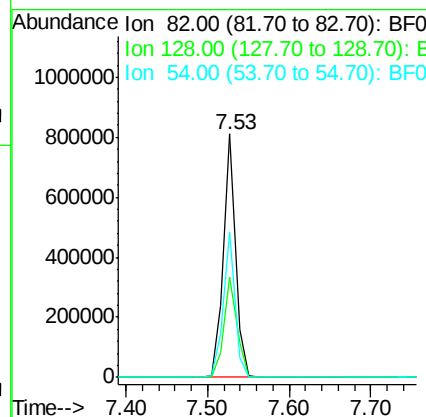
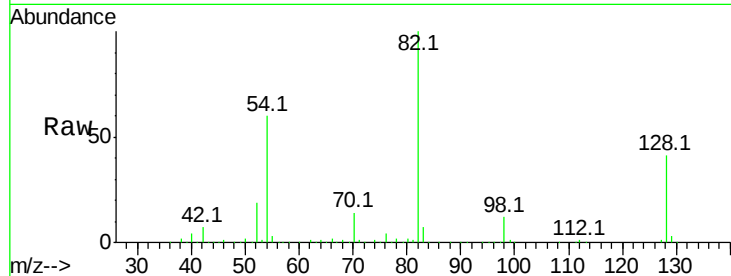




#23
 Nitrobenzene-d5
 Concen: 84.09 ng
 RT: 7.53 min Scan# 476
 Delta R.T. -0.01 min
 Lab File: BF092674.D
 Acq: 31 Jan 2017 10:50

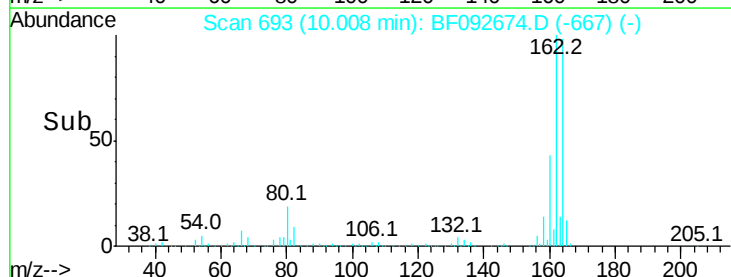
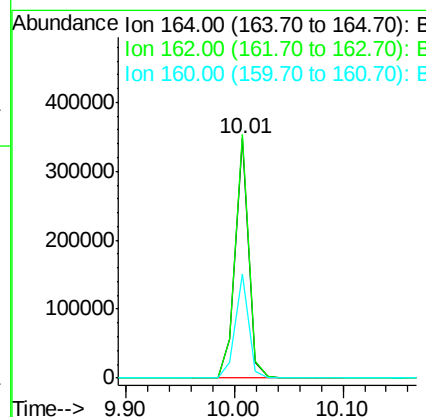
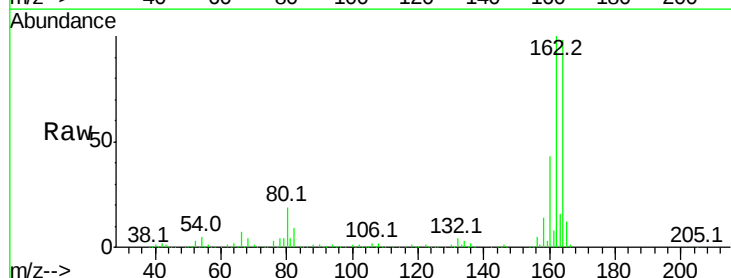
Instrument :
 BNA_F
 ClientSampleId :
 W-16

Tot Ion: 82 Resp: 843939
 Ion Ratio Lower Upper
 82 100
 128 41.1 34.6 52.0
 54 59.5 39.5 59.3#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.01 min Scan# 693
 Delta R.T. 0.00 min
 Lab File: BF092674.D
 Acq: 31 Jan 2017 10:50

Tgt Ion:164 Resp: 295640
 Ion Ratio Lower Upper
 164 100
 162 101.7 80.2 120.2
 160 43.4 36.9 55.3

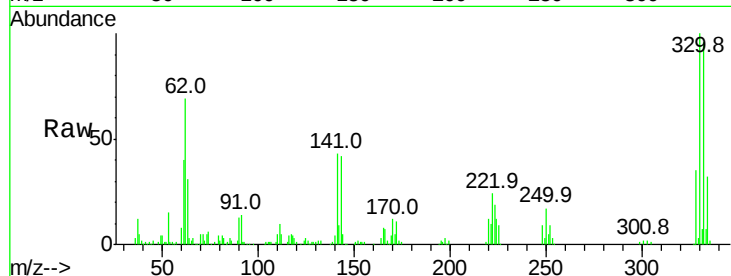




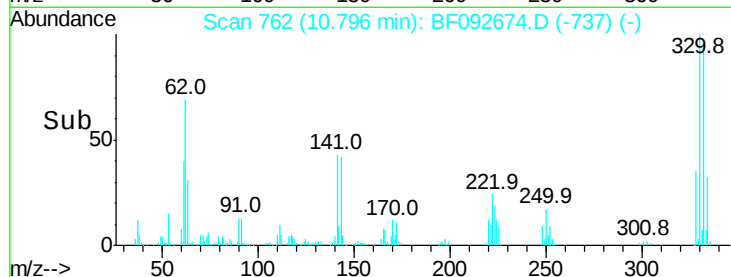
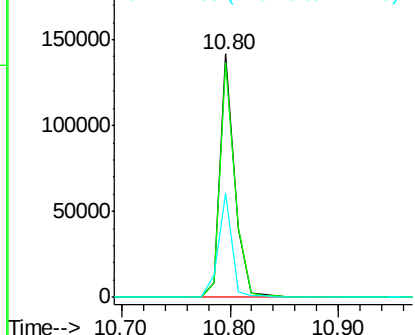
#41
 2,4,6-Tribromophenol
 Concen: 62.89 ng
 RT: 10.80 min Scan# 762
 Delta R.T. -0.01 min
 Lab File: BF092674.D
 Acq: 31 Jan 2017 10:50

Instrument :
 BNA_F
 ClientSampleId :
 W-16

Tot Ion:330 Resp: 134471
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.4 116.2
 141 40.5 34.1 51.1

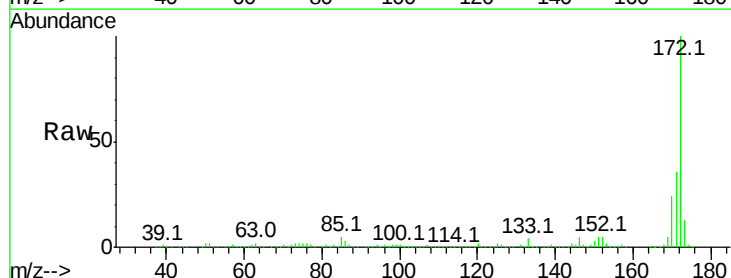


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

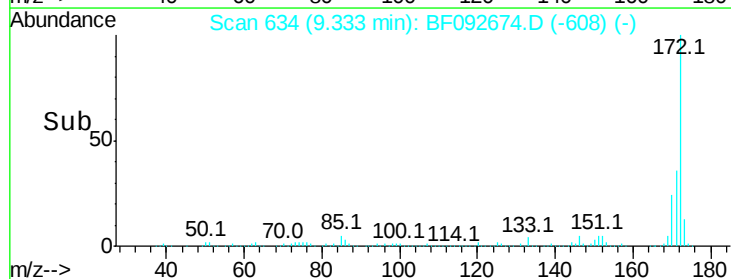
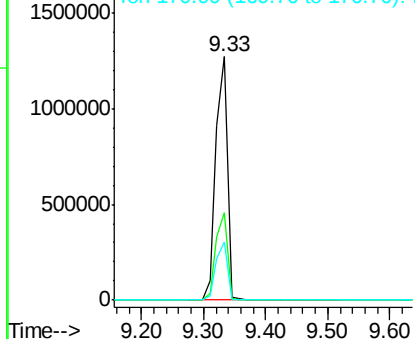


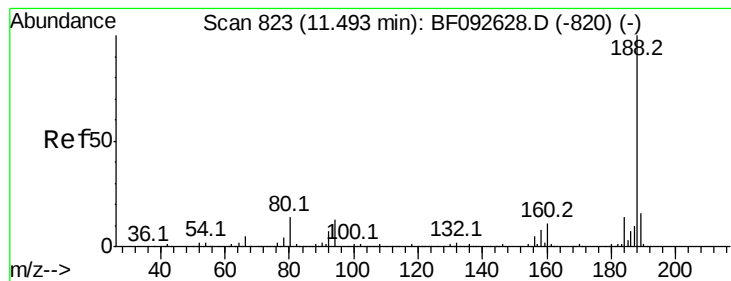
#44
 2-Fluorobiphenyl
 Concen: 98.39 ng
 RT: 9.33 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: BF092674.D
 Acq: 31 Jan 2017 10:50

Tgt Ion:172 Resp: 1605634
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.4 44.0
 170 23.7 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: 11.49 min Scan# 823

Delta R.T. 0.00 min

Lab File: BF092674.D

Acq: 31 Jan 2017 10:50

Instrument :

BNA_F

ClientSampleId :

W-16

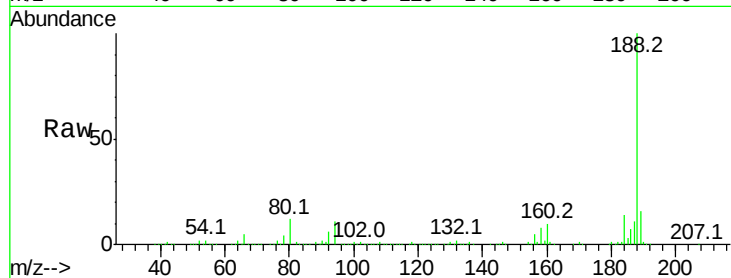
Tot Ion:188 Resp: 393605

Ion Ratio Lower Upper

188 100

94 11.2 10.0 15.0

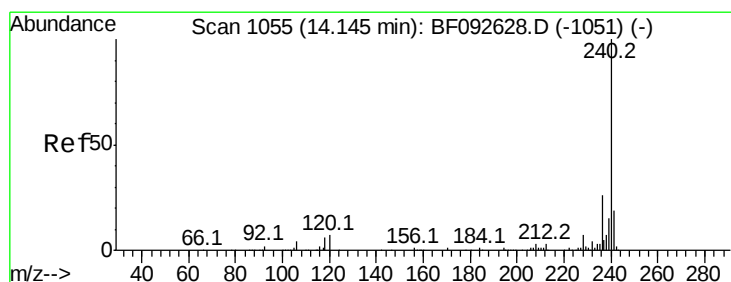
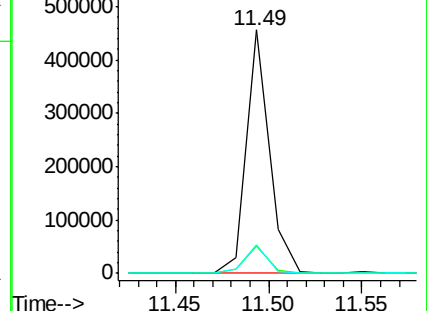
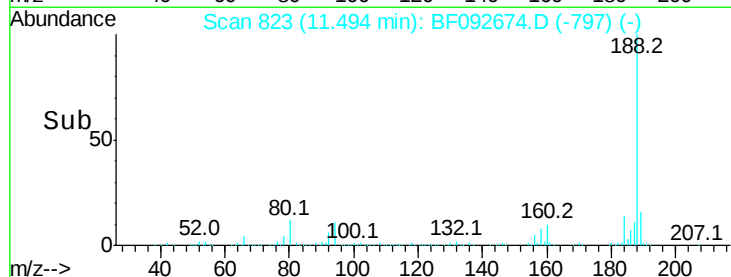
80 11.9 11.2 16.8



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: 14.13 min Scan# 1054

Delta R.T. -0.01 min

Lab File: BF092674.D

Acq: 31 Jan 2017 10:50

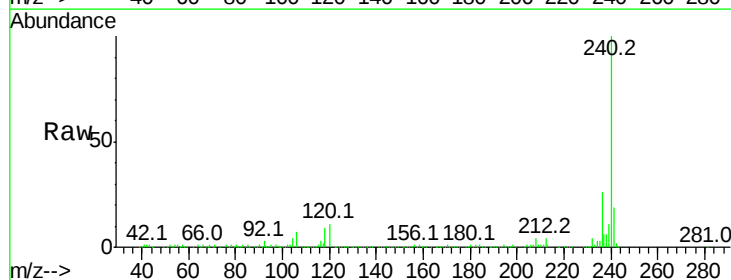
Tgt Ion:240 Resp: 316048

Ion Ratio Lower Upper

240 100

120 11.0 12.9 19.3#

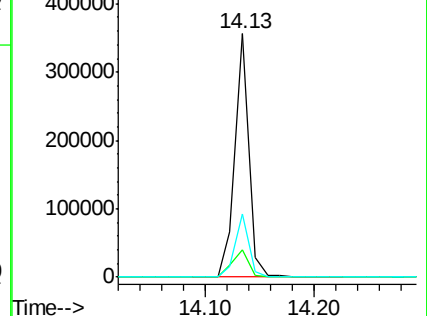
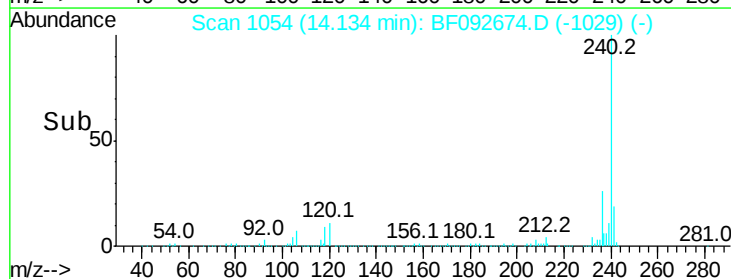
236 25.8 20.9 31.3

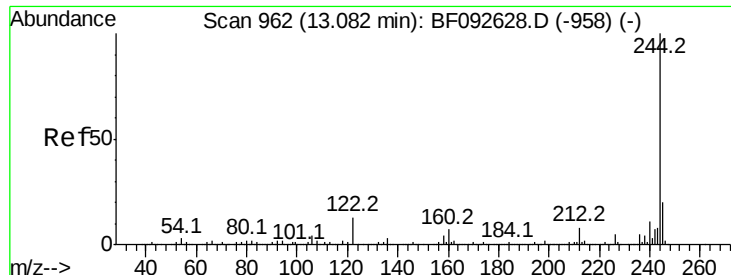


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 78.39 ng

RT: 13.08 min Scan# 962

Delta R.T. 0.00 min

Lab File: BF092674.D

Acq: 31 Jan 2017 10:50

Instrument :

BNA_F

ClientSampleId :

W-16

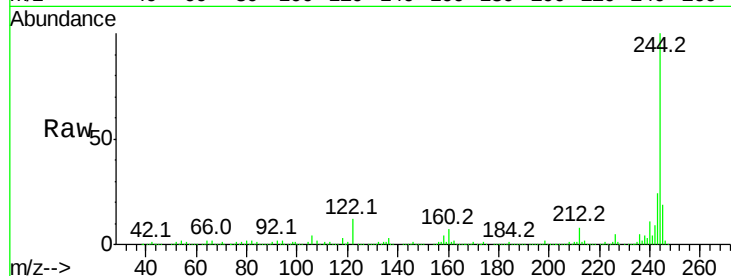
Tot Ion:244 Resp: 1054455

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

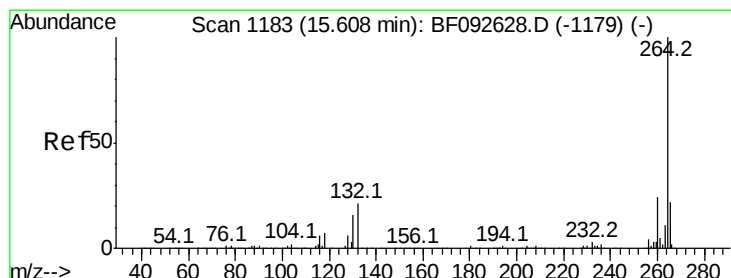
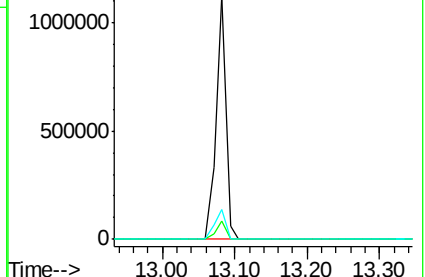
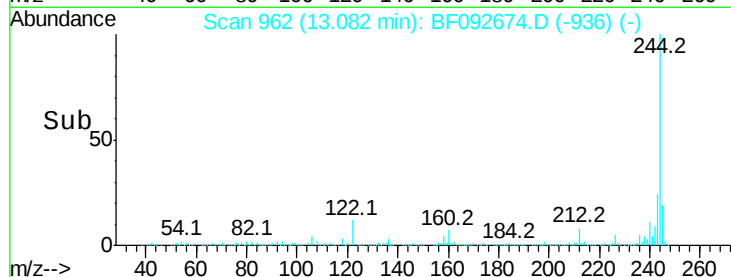
122 12.2 11.4 17.2



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: 15.61 min Scan# 1183

Delta R.T. 0.00 min

Lab File: BF092674.D

Acq: 31 Jan 2017 10:50

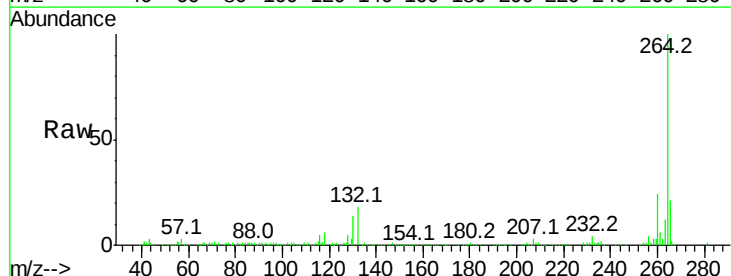
Tgt Ion:264 Resp: 221785

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 20.9 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

