

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013017\
 Data File : BF092668.D
 Acq On : 31 Jan 2017 8:07
 Operator : SJ/MA
 Sample : I1550-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-20

Quant Time: Jan 31 09:55:07 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	147431	20.00	ng	-0.01
21) Naphthalene-d8	8.26	136	560307	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	277095	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	394715	20.00	ng	0.00
75) Chrysene-d12	14.13	240	322764	20.00	ng	-0.01
86) Perylene-d12	15.61	264	228641	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	651280	75.79	ng	0.00
7) Phenol-d6	6.60	99	516799	46.74	ng	0.00
23) Nitrobenzene-d5	7.53	82	861846	85.66	ng	-0.01
41) 2,4,6-Tribromophenol	10.81	330	259337	129.40	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1660397	108.56	ng	0.00
78) Terphenyl-d14	13.08	244	1077205	78.42	ng	0.00

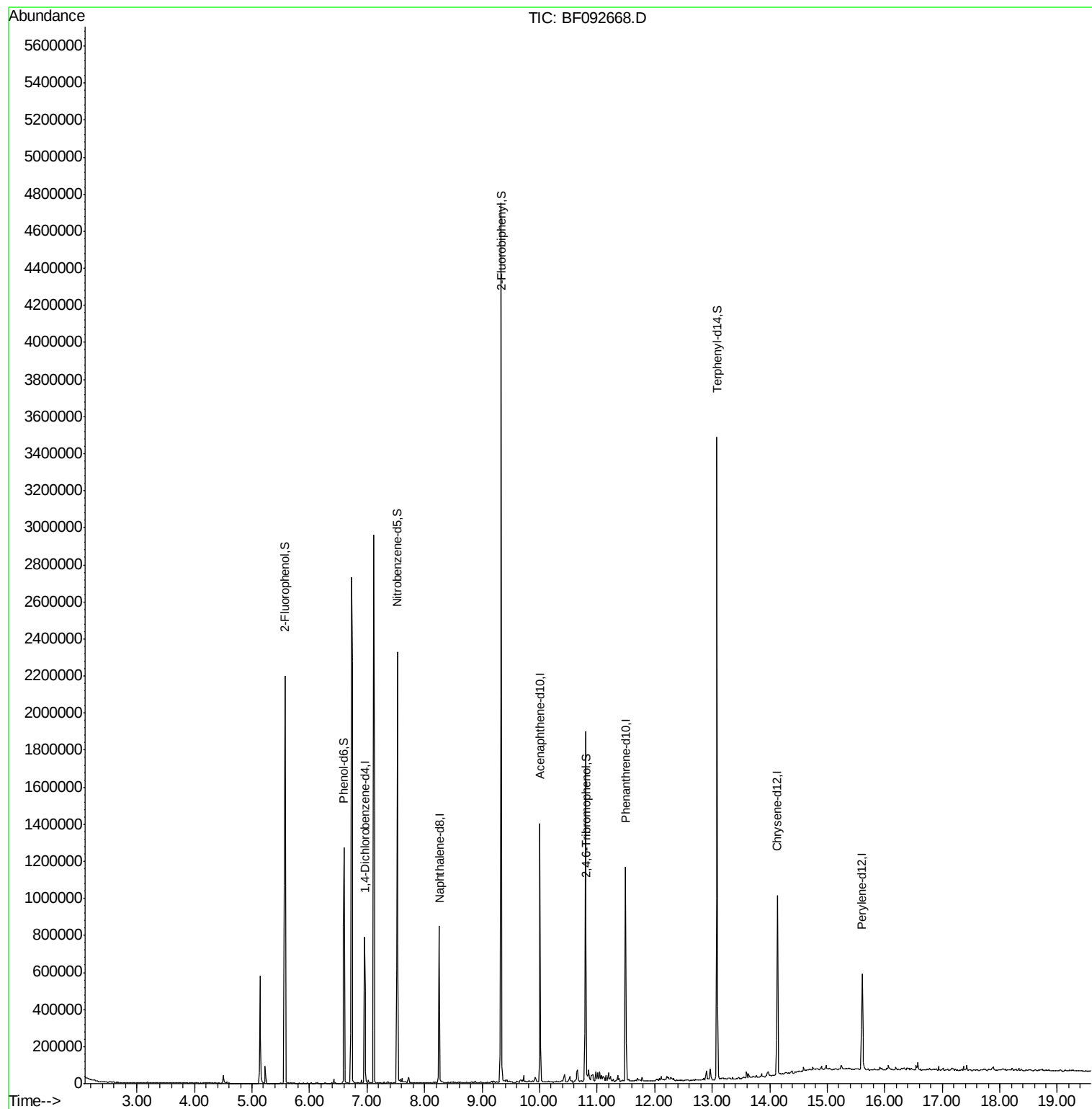
Target Compounds Qvalue

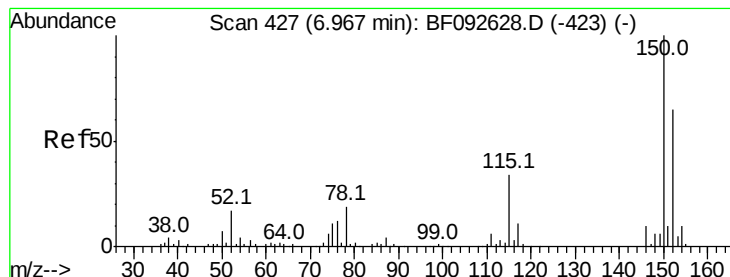
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF092668.D

Acq: 31 Jan 2017 8:07

Instrument :

BNA_F

ClientSampleId :

W-20

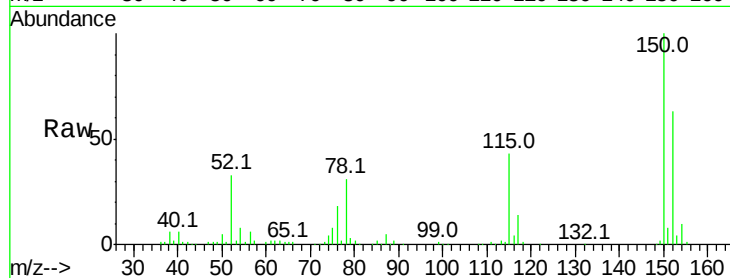
Tot Ion:152 Resp: 147431

Ion Ratio Lower Upper

152 100

150 159.6 124.9 187.3

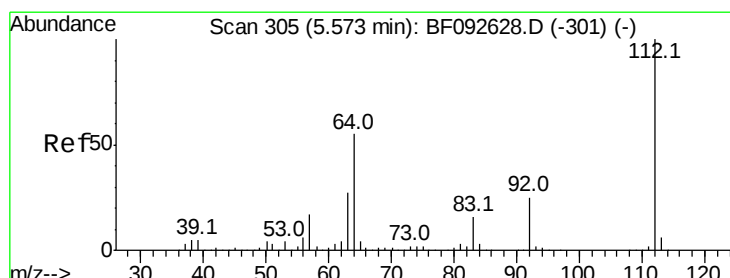
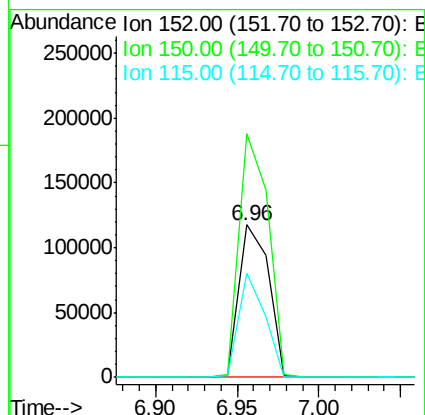
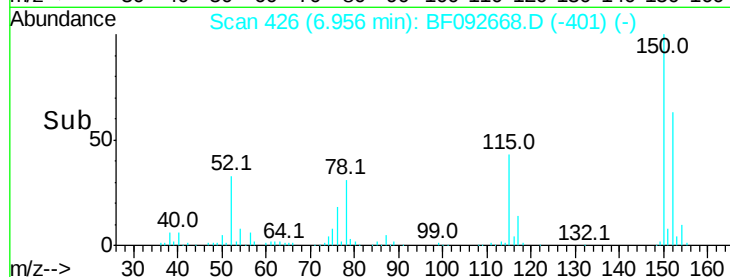
115 68.0 46.0 69.0



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: 75.79 ng

RT: 5.57 min Scan# 305

Delta R.T. 0.00 min

Lab File: BF092668.D

Acq: 31 Jan 2017 8:07

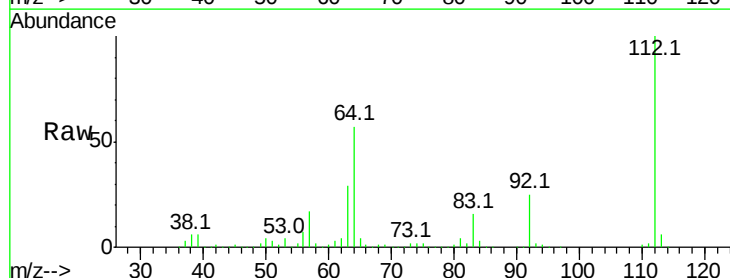
Tgt Ion:112 Resp: 651280

Ion Ratio Lower Upper

112 100

64 57.4 46.1 69.1

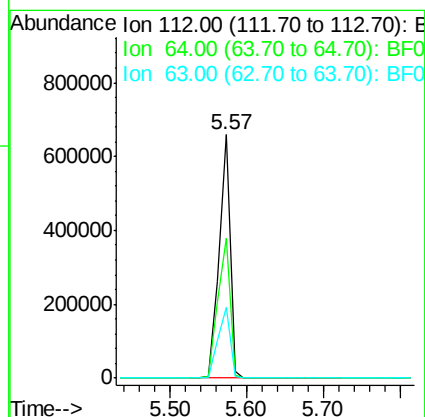
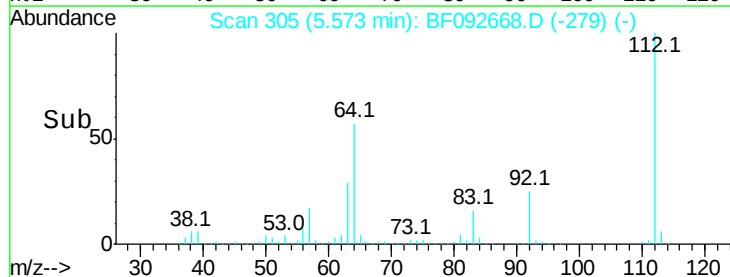
63 29.3 23.8 35.6

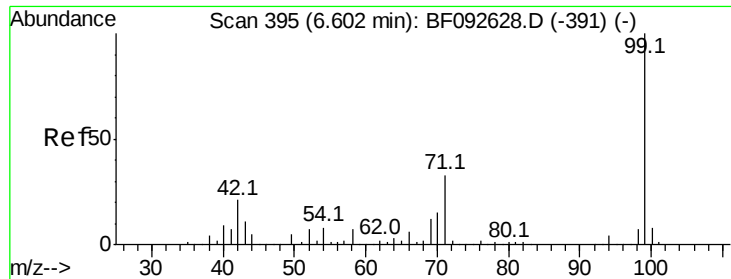


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 46.74 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.00 min

Lab File: BF092668.D

Acq: 31 Jan 2017 8:07

Instrument :

BNA_F

ClientSampleId :

W-20

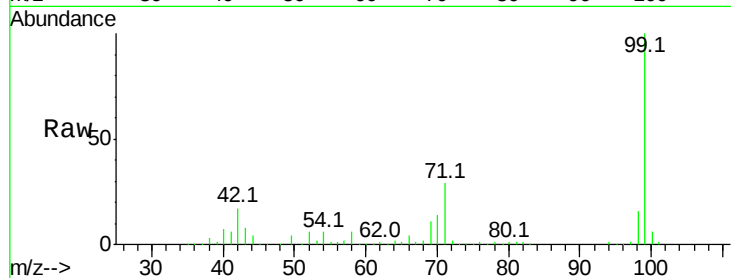
Tot Ion: 99 Resp: 516799

Ion Ratio Lower Upper

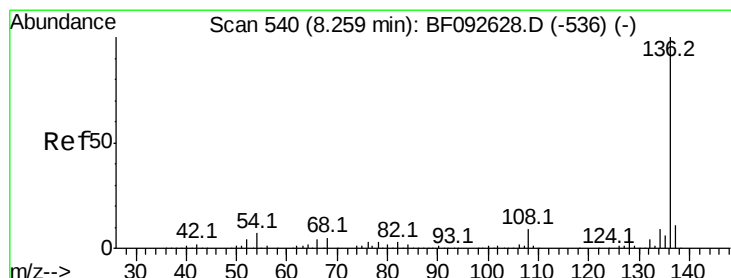
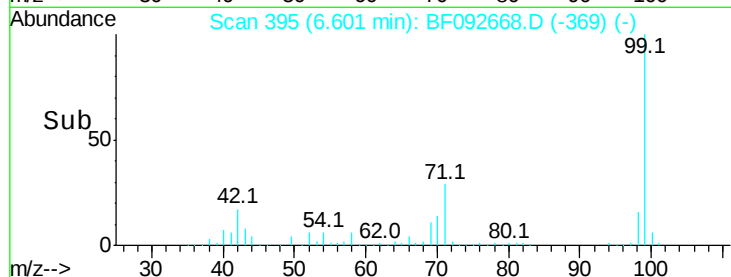
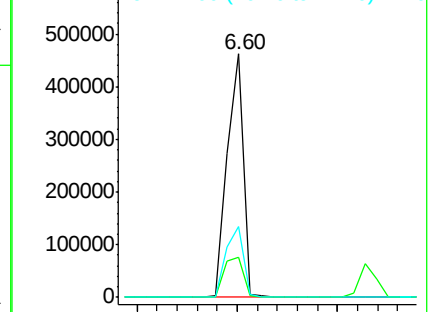
99 100

42 16.7 15.6 23.4

71 29.1 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: 8.26 min Scan# 540

Delta R.T. -0.00 min

Lab File: BF092668.D

Acq: 31 Jan 2017 8:07

Tgt Ion: 136 Resp: 560307

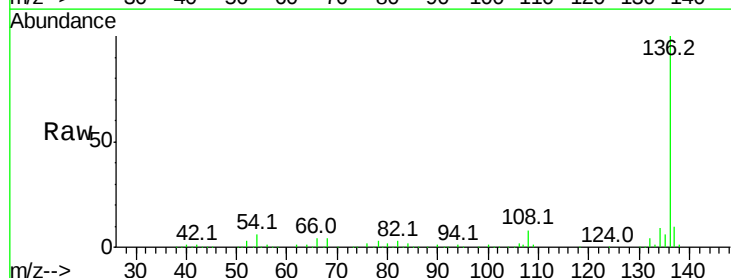
Ion Ratio Lower Upper

136 100

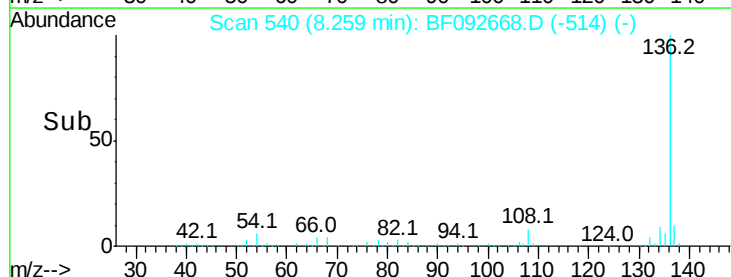
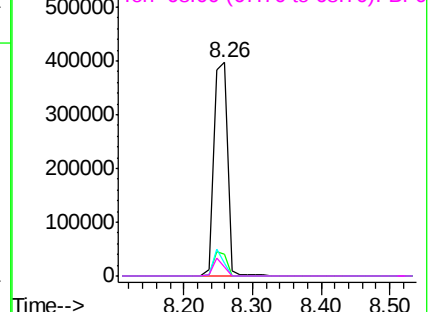
137 10.2 8.4 12.6

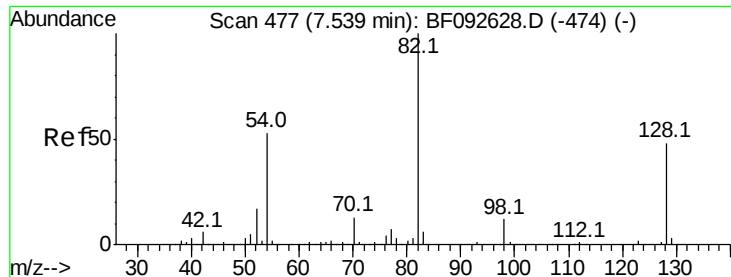
54 6.1 4.5 6.7

68 4.5 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

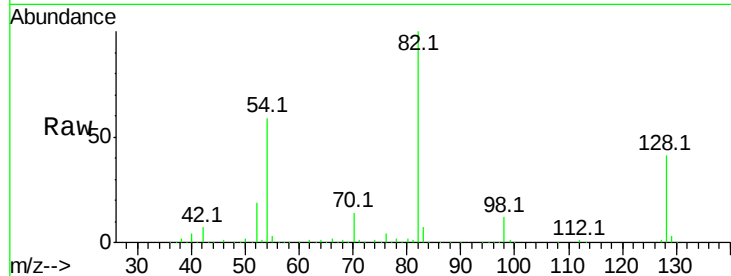




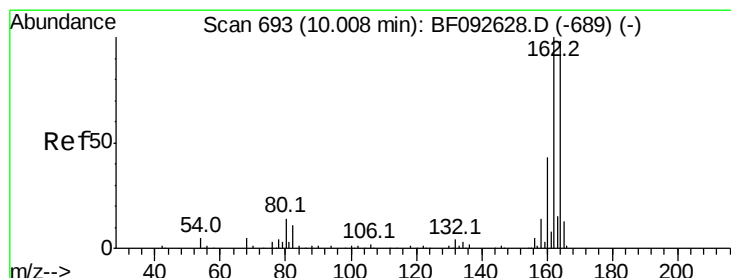
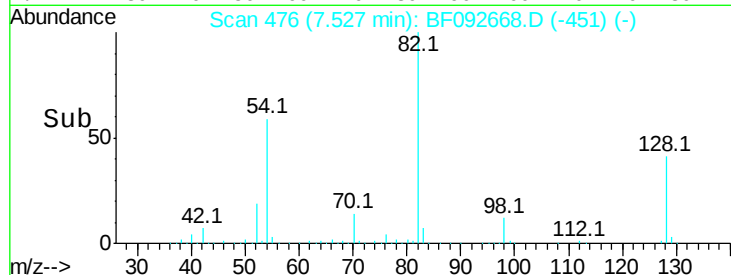
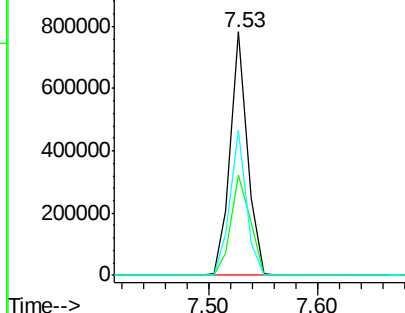
#23
 Nitrobenzene-d5
 Concen: 85.66 ng
 RT: 7.53 min Scan# 476
 Delta R.T. -0.01 min
 Lab File: BF092668.D
 Acq: 31 Jan 2017 8:07

Instrument :
 BNA_F
 ClientSampled :
 W-20

Tot Ion: 82 Resp: 861846
 Ion Ratio Lower Upper
 82 100
 128 40.9 34.6 52.0
 54 59.5 39.5 59.3#

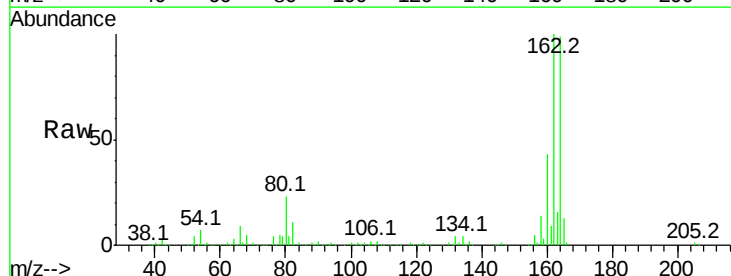


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

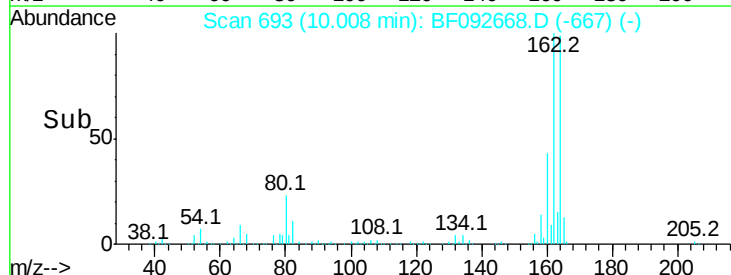
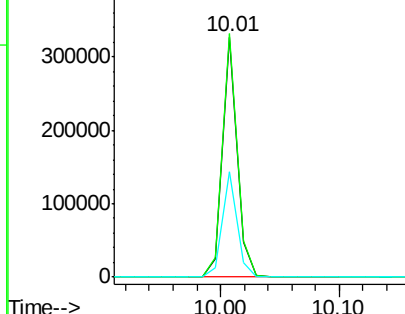


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.01 min Scan# 693
 Delta R.T. -0.00 min
 Lab File: BF092668.D
 Acq: 31 Jan 2017 8:07

Tgt Ion:164 Resp: 277095
 Ion Ratio Lower Upper
 164 100
 162 101.5 80.2 120.2
 160 43.8 36.9 55.3



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

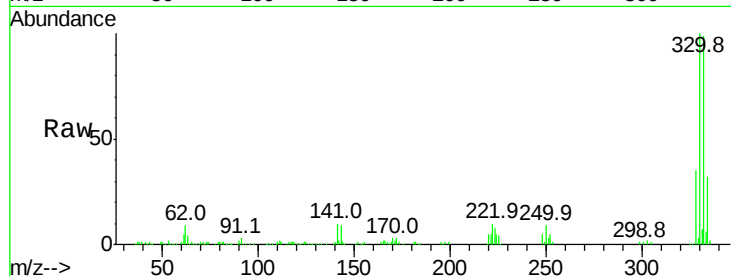




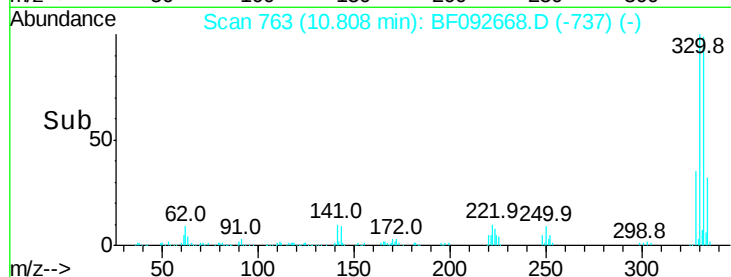
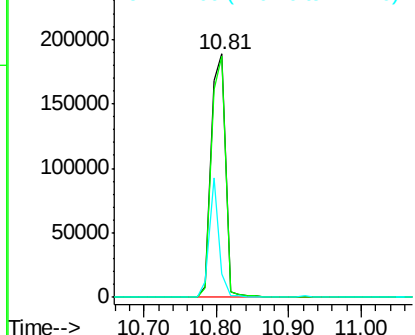
#41
 2,4,6-Tribromophenol
 Concen: 129.40 ng
 RT: 10.81 min Scan# 763
 Delta R.T. -0.00 min
 Lab File: BF092668.D
 Acq: 31 Jan 2017 8:07

Instrument :
 BNA_F
 ClientSampleId :
 W-20

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.4	116.2
141	33.6	34.1	51.1#

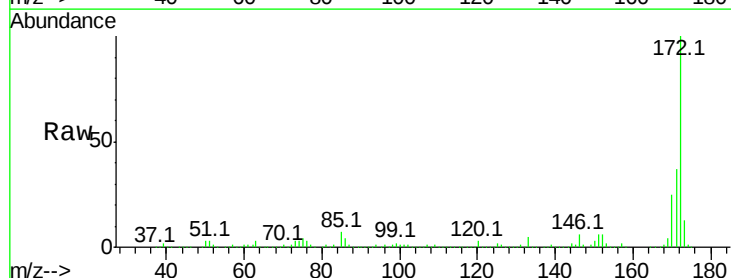


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

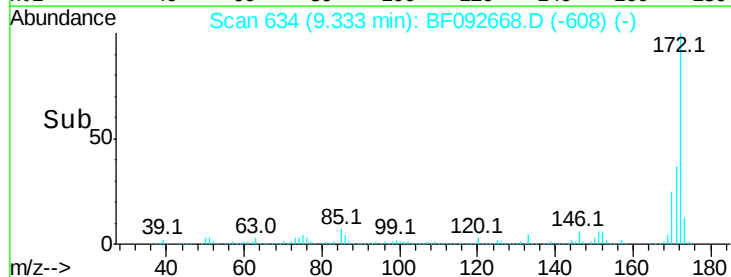
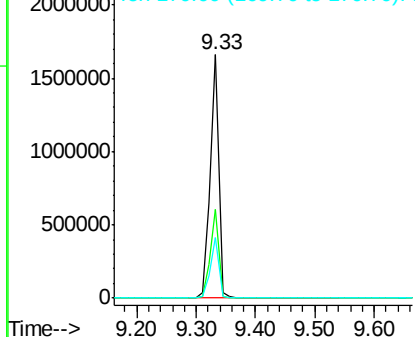


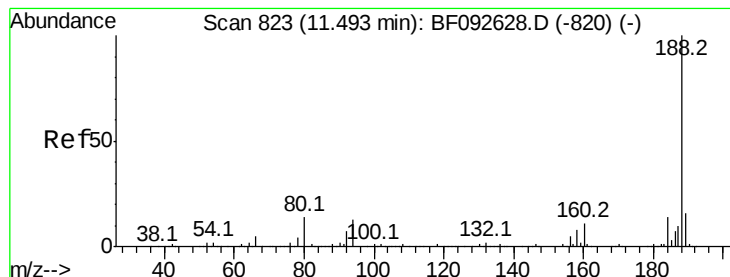
#44
 2-Fluorobiphenyl
 Concen: 108.56 ng
 RT: 9.33 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: BF092668.D
 Acq: 31 Jan 2017 8:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	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: 11.49 min Scan# 823

Delta R.T. -0.00 min

Lab File: BF092668.D

Acq: 31 Jan 2017 8:07

Instrument :

BNA_F

ClientSampleId :

W-20

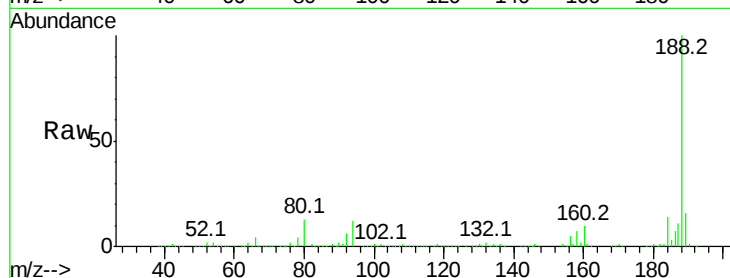
Tot Ion:188 Resp: 394715

Ion Ratio Lower Upper

188 100

94 11.9 10.0 15.0

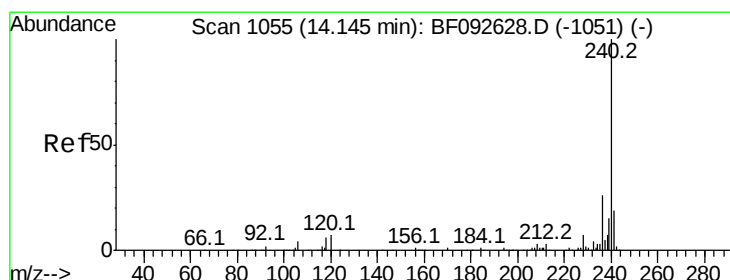
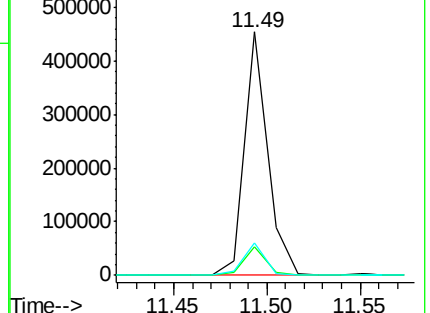
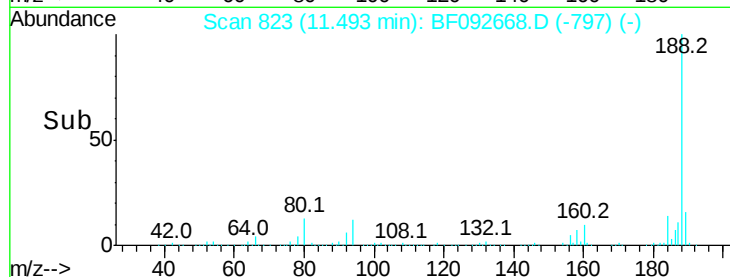
80 13.2 11.2 16.8



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: 14.13 min Scan# 1054

Delta R.T. -0.01 min

Lab File: BF092668.D

Acq: 31 Jan 2017 8:07

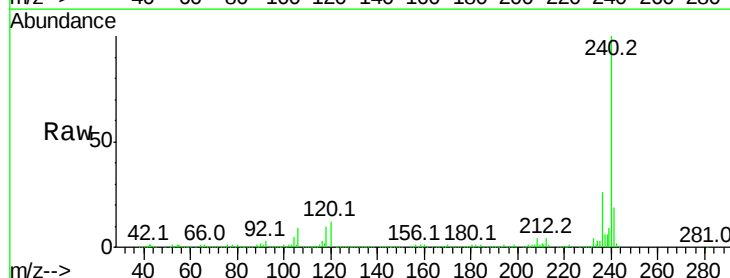
Tgt Ion:240 Resp: 322764

Ion Ratio Lower Upper

240 100

120 12.5 12.9 19.3#

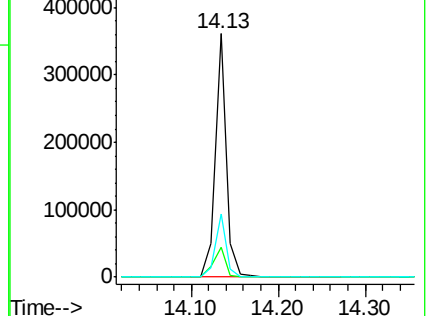
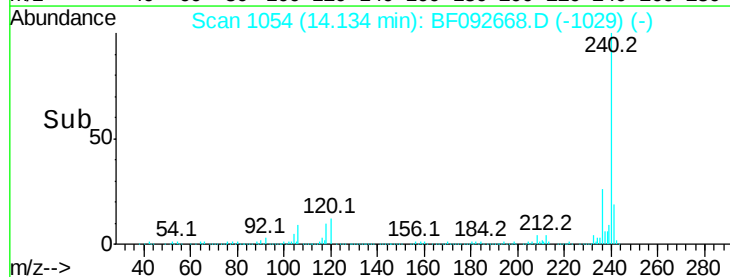
236 25.8 20.9 31.3

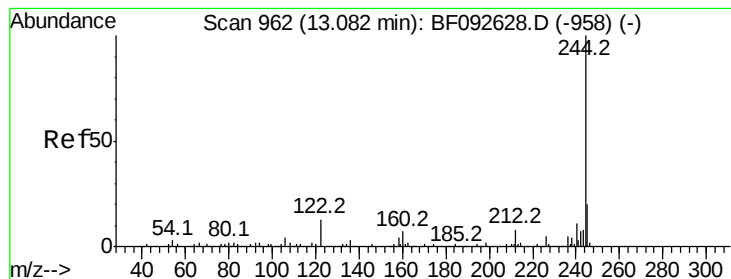


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 78.42 ng

RT: 13.08 min Scan# 962

Delta R.T. -0.00 min

Lab File: BF092668.D

Acq: 31 Jan 2017 8:07

Instrument :

BNA_F

ClientSampled :

W-20

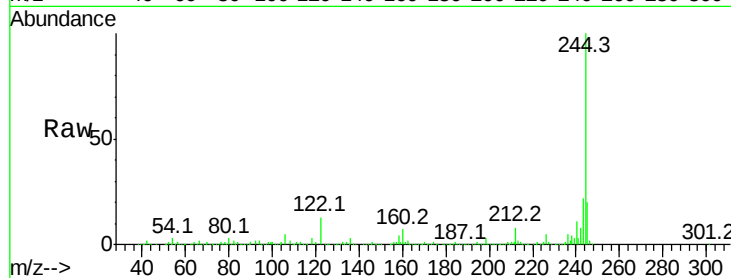
Tot Ion:244 Resp: 1077205

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

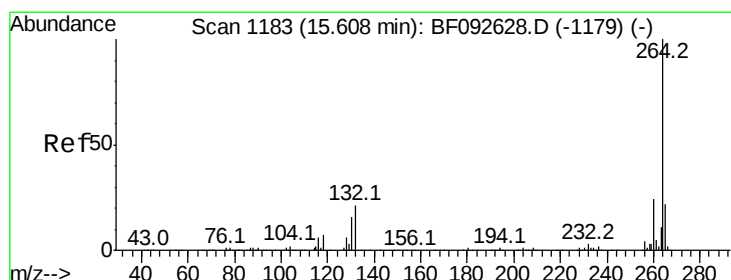
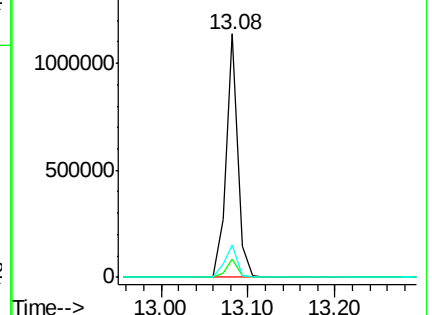
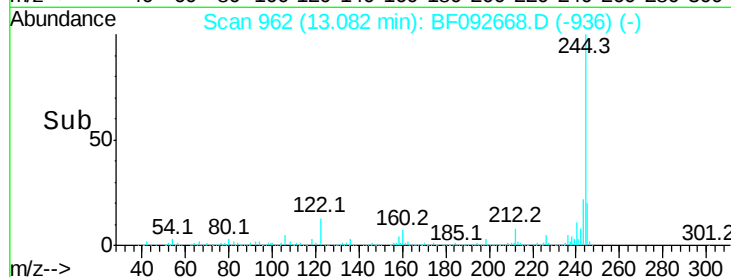
122 13.3 11.4 17.2



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: BF092668.D

Acq: 31 Jan 2017 8:07

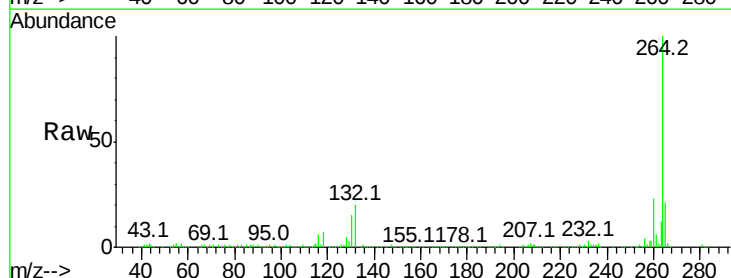
Tgt Ion:264 Resp: 228641

Ion Ratio Lower Upper

264 100

260 22.6 19.2 28.8

265 21.3 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

