

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020217\
 Data File : BF092765.D
 Acq On : 3 Feb 2017 8:25
 Operator : SJ/MA
 Sample : I1647-02
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-08

Quant Time: Feb 03 09:46:38 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

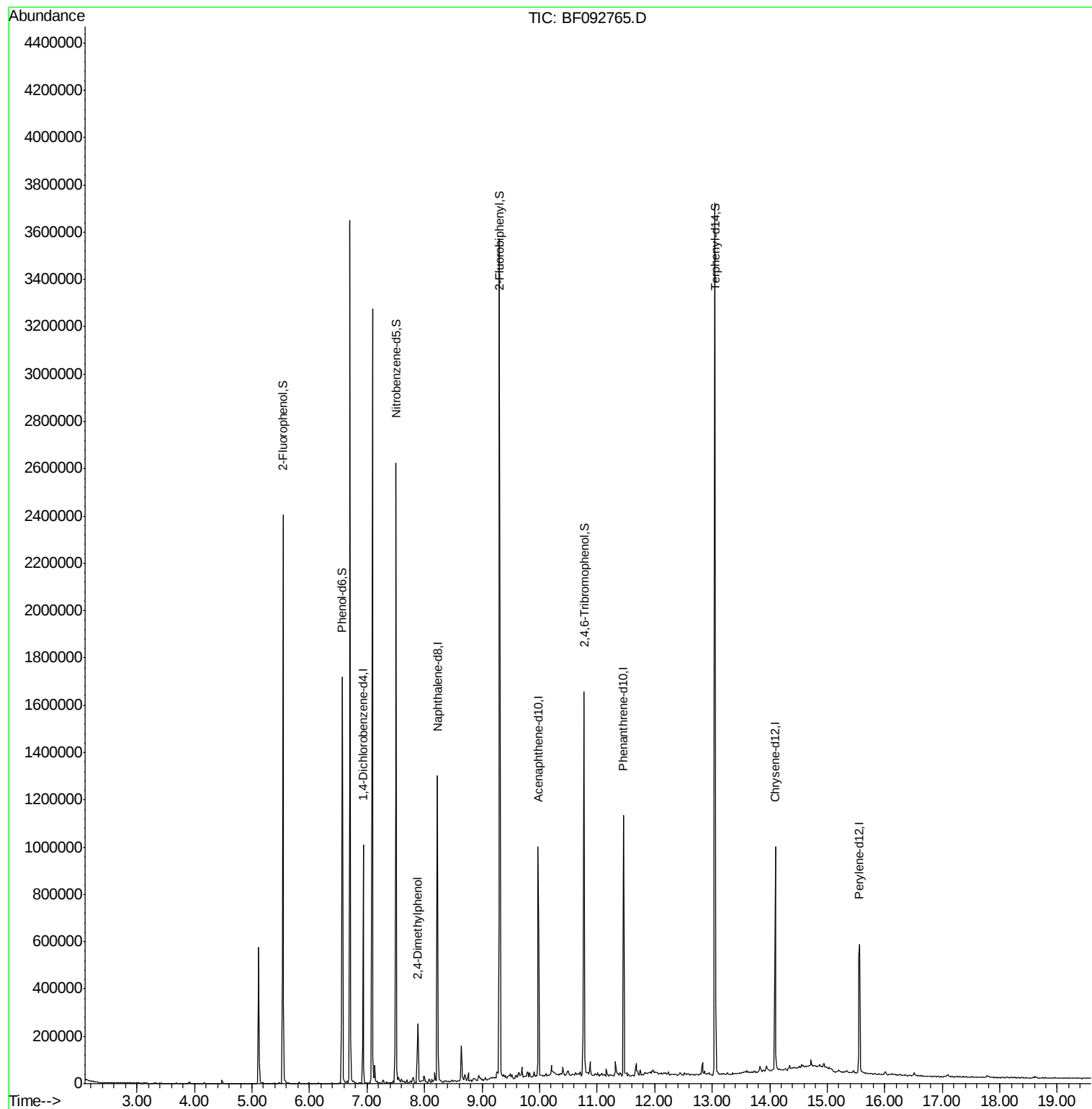
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	143641	20.00	ng	-0.03
21) Naphthalene-d8	8.22	136	555652	20.00	ng	-0.03
38) Acenaphthene-d10	9.97	164	275337	20.00	ng	-0.03
63) Phenanthrene-d10	11.46	188	402641	20.00	ng	-0.03
75) Chrysene-d12	14.10	240	354902	20.00	ng	-0.05
86) Perylene-d12	15.56	264	301873	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	623542	74.47	ng	-0.03
7) Phenol-d6	6.57	99	530636	49.26	ng	-0.03
23) Nitrobenzene-d5	7.50	82	955438	95.75	ng	-0.03
41) 2,4,6-Tribromophenol	10.77	330	300493	150.89	ng	-0.03
44) 2-Fluorobiphenyl	9.30	172	1500649	98.74	ng	-0.03
78) Terphenyl-d14	13.05	244	1131495	74.91	ng	-0.03
Target Compounds						
27) 2,4-Dimethylphenol	7.88	122	59457	6.95	ng	Qvalue 93

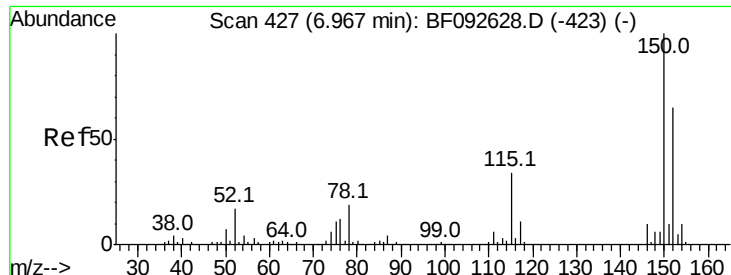
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.93 min Scan# 424

Delta R.T. -0.03 min

Lab File: BF092765.D

Acq: 3 Feb 2017 8:25

Instrument :

BNA_F

ClientSampleId :

MW-08

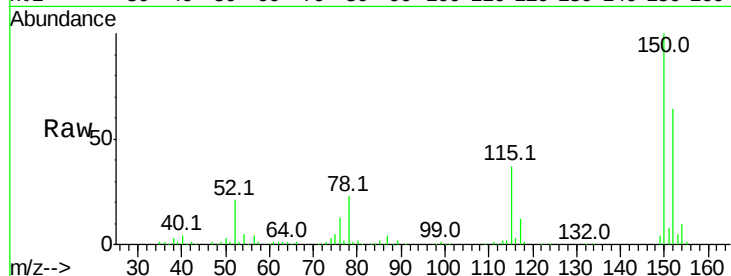
Tot Ion:152 Resp: 143641

Ion Ratio Lower Upper

152 100

150 156.5 124.9 187.3

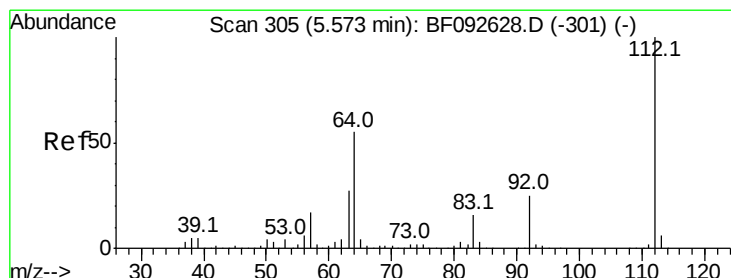
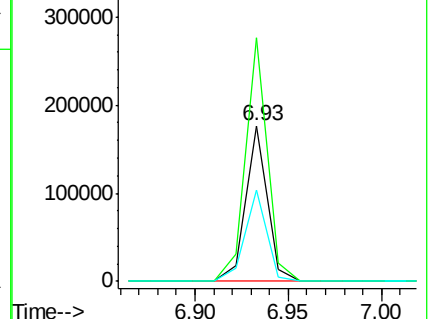
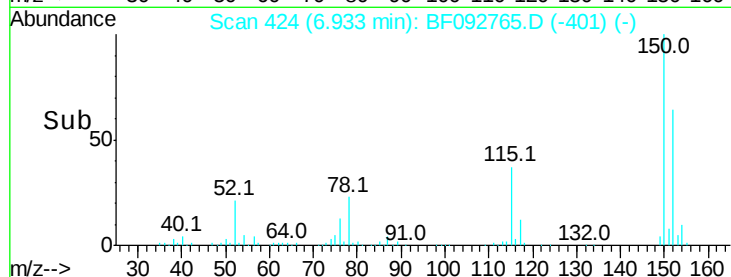
115 58.6 46.0 69.0



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: 74.47 ng

RT: 5.54 min Scan# 302

Delta R.T. -0.03 min

Lab File: BF092765.D

Acq: 3 Feb 2017 8:25

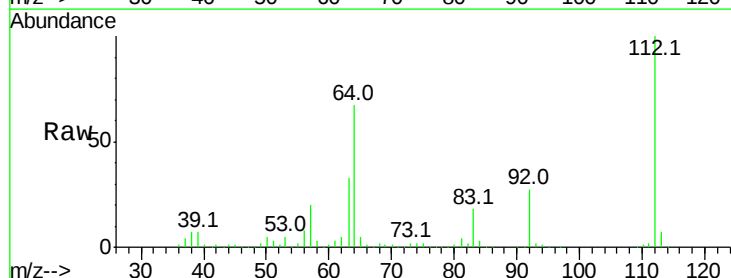
Tgt Ion:112 Resp: 623542

Ion Ratio Lower Upper

112 100

64 66.6 46.1 69.1

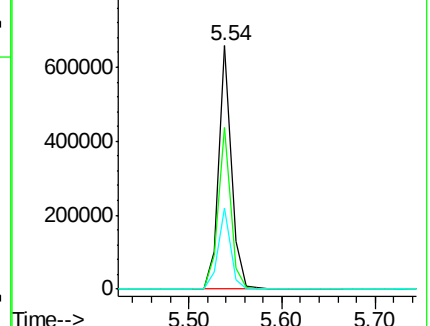
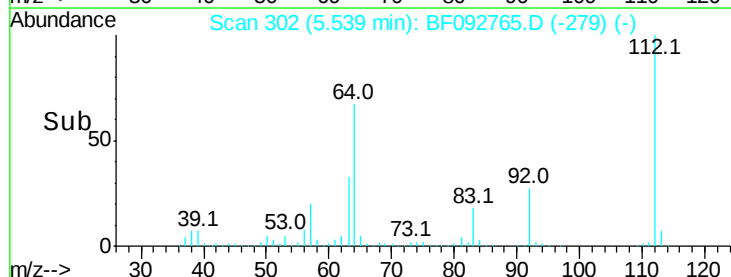
63 33.1 23.8 35.6



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: 49.26 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.03 min

Lab File: BF092765.D

Acq: 3 Feb 2017 8:25

Instrument :

BNA_F

ClientSampleId :

MW-08

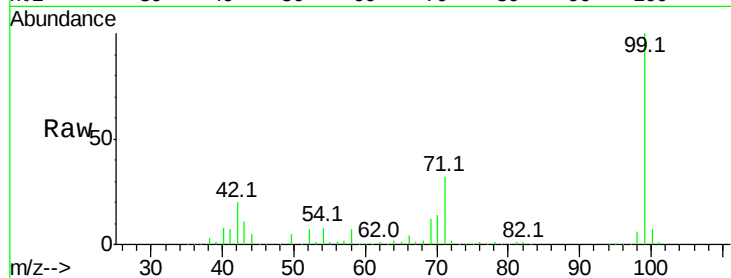
Tot Ion: 99 Resp: 530636

Ion Ratio Lower Upper

99 100

42 20.4 15.6 23.4

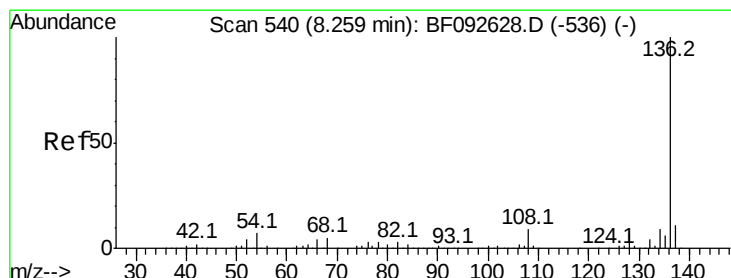
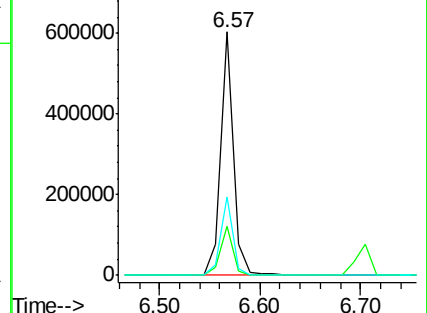
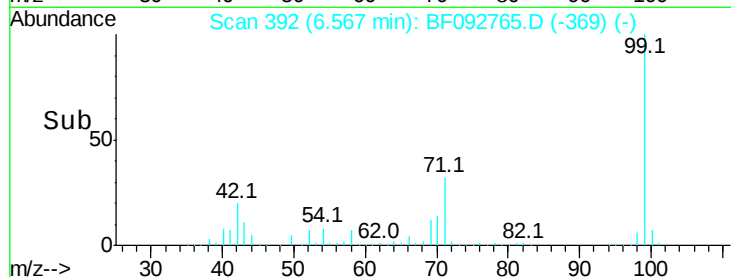
71 32.5 27.5 41.3



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: 8.22 min Scan# 537

Delta R.T. -0.03 min

Lab File: BF092765.D

Acq: 3 Feb 2017 8:25

Tgt Ion: 136 Resp: 555652

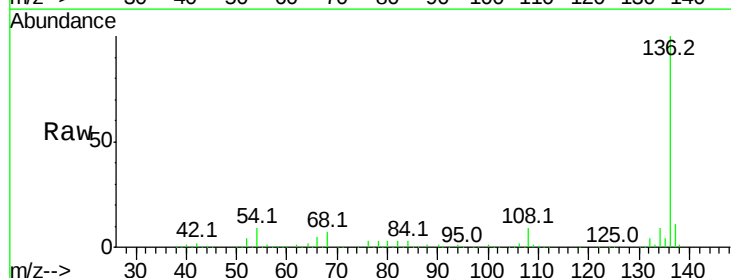
Ion Ratio Lower Upper

136 100

137 11.0 8.4 12.6

54 9.5 4.5 6.7#

68 6.7 3.6 5.4#

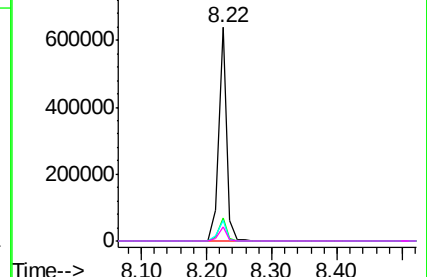
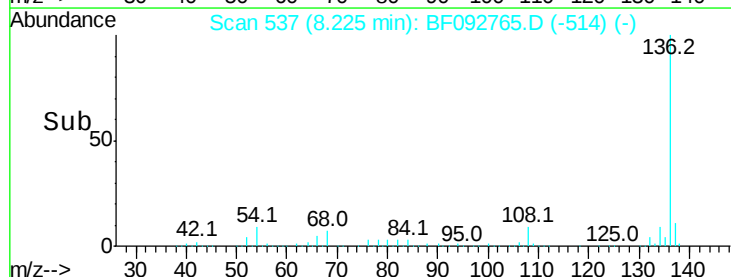


Abundance Ion 136.00 (135.70 to 136.70): E

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

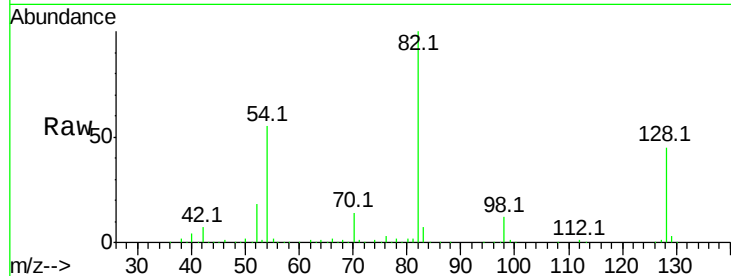




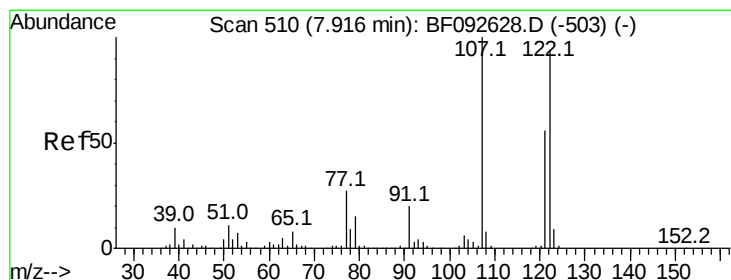
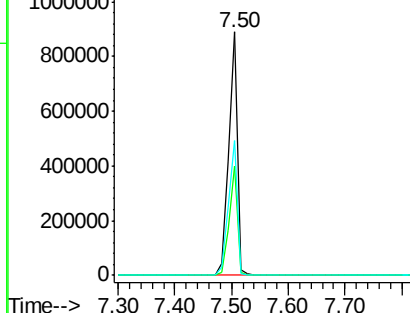
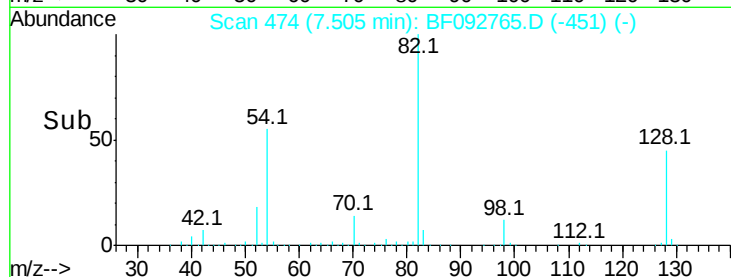
#23
 Nitrobenzene-d5
 Concen: 95.75 ng
 RT: 7.50 min Scan# 474
 Delta R.T. -0.03 min
 Lab File: BF092765.D
 Acq: 3 Feb 2017 8:25

Instrument :
 BNA_F
 ClientSampleId :
 MW-08

Tot Ion: 82 Resp: 955438
 Ion Ratio Lower Upper
 82 100
 128 44.8 34.6 52.0
 54 55.4 39.5 59.3

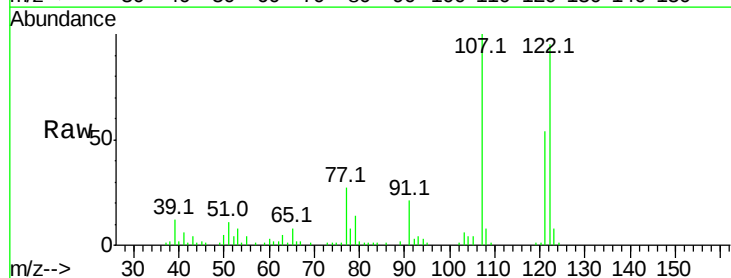


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

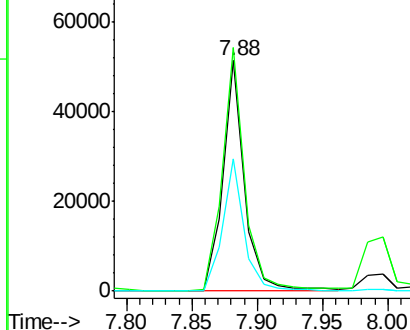
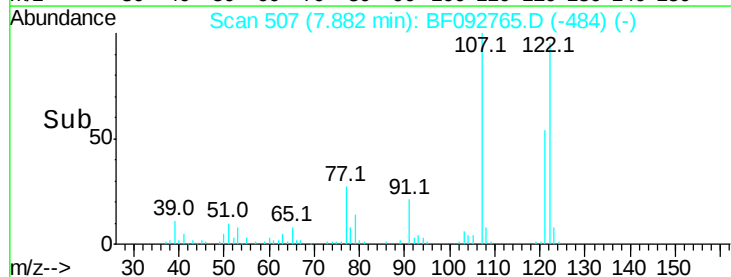


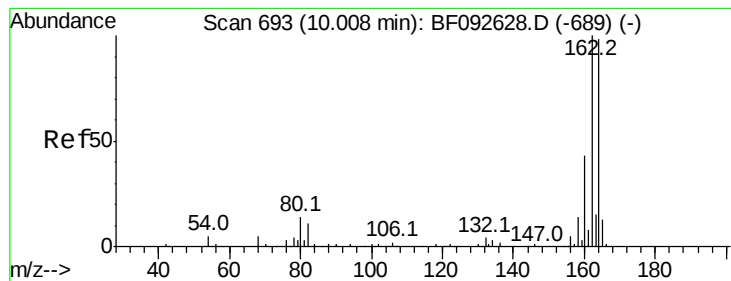
#27
 2,4-Dimethylphenol
 Concen: 6.95 ng
 RT: 7.88 min Scan# 507
 Delta R.T. -0.03 min
 Lab File: BF092765.D
 Acq: 3 Feb 2017 8:25

Tgt Ion: 122 Resp: 59457
 Ion Ratio Lower Upper
 122 100
 107 105.7 94.1 141.1
 121 57.5 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.03 min

Lab File: BF092765.D

Acq: 3 Feb 2017 8:25

Instrument :

BNA_F

ClientSampleId :

MW-08

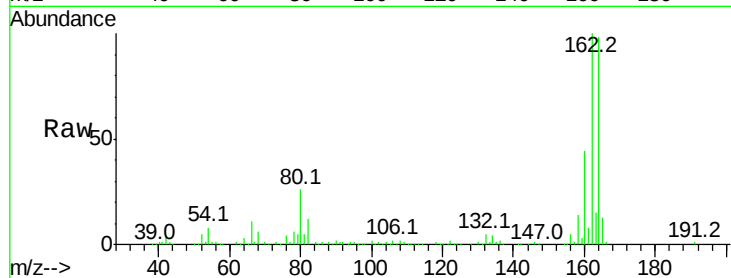
Tot Ion:164 Resp: 275337

Ion Ratio Lower Upper

164 100

162 101.7 80.2 120.2

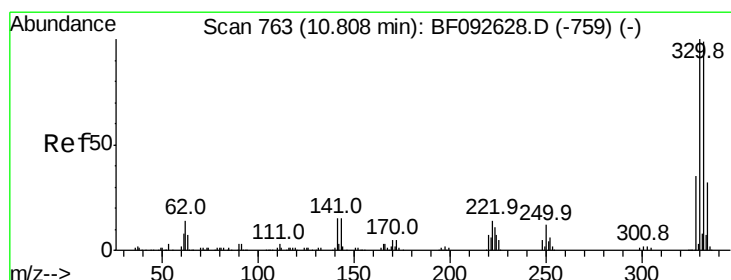
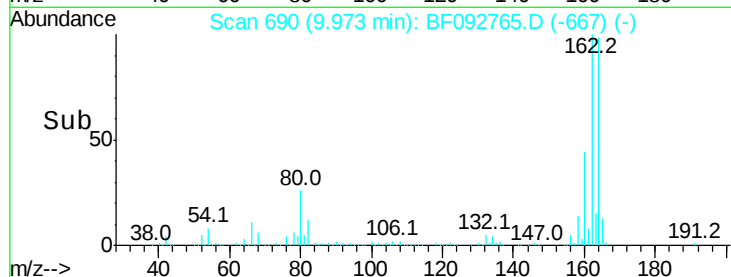
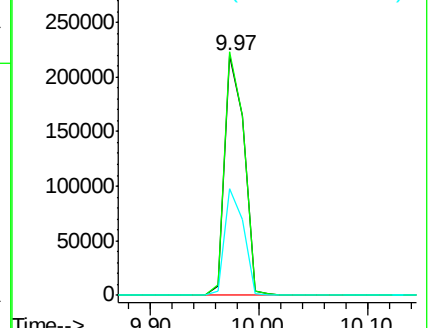
160 44.3 36.9 55.3



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: 150.89 ng

RT: 10.77 min Scan# 760

Delta R.T. -0.03 min

Lab File: BF092765.D

Acq: 3 Feb 2017 8:25

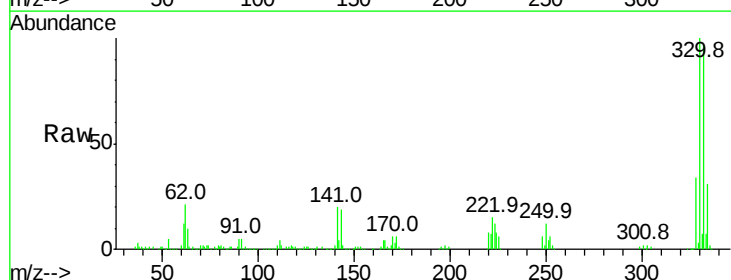
Tgt Ion:330 Resp: 300493

Ion Ratio Lower Upper

330 100

332 96.9 77.4 116.2

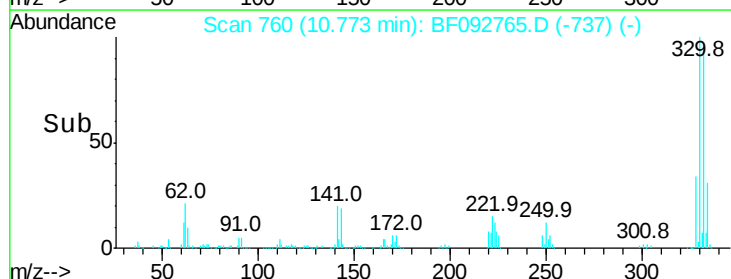
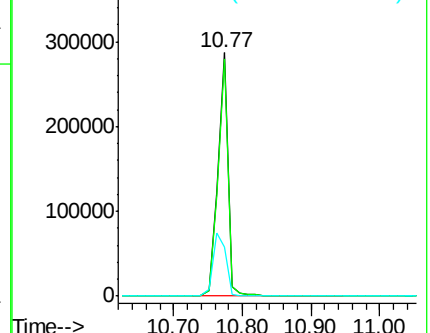
141 33.4 34.1 51.1#



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



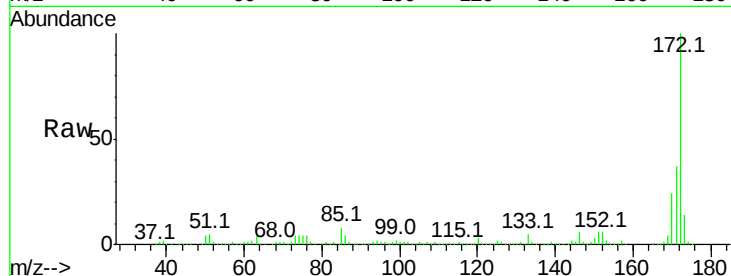


#44
 2-Fluorobiphenyl
 Concen: 98.74 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.03 min
 Lab File: BF092765.D
 Acq: 3 Feb 2017 8:25

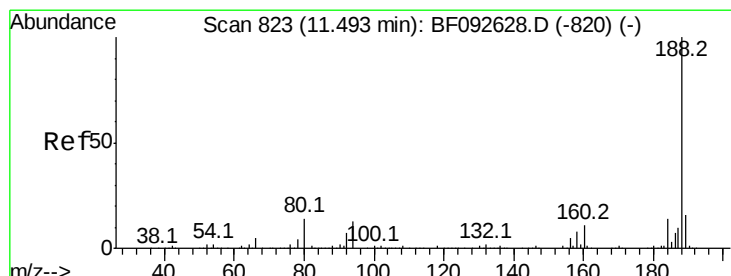
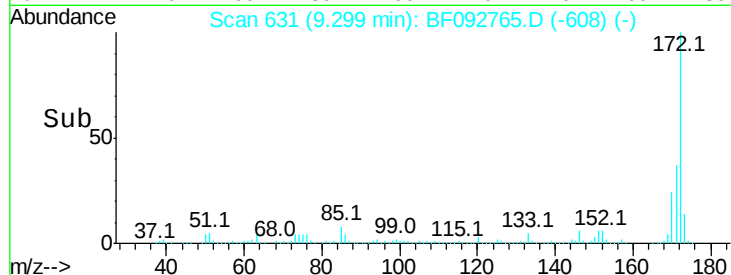
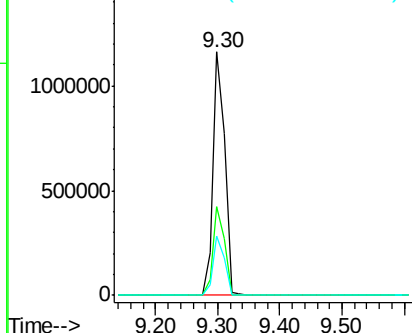
Instrument :
 BNA_F
 ClientSampleId :
 MW-08

Tot Ion:172 Resp: 1500649

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.0
170	24.2	20.2	30.4



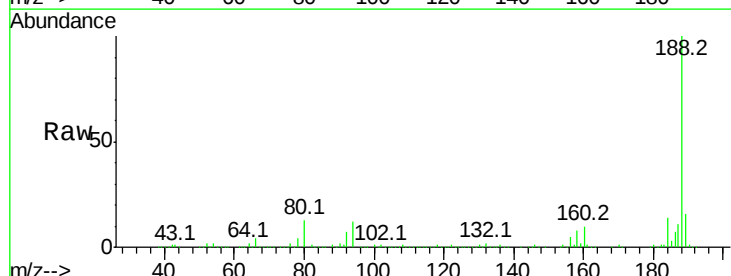
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



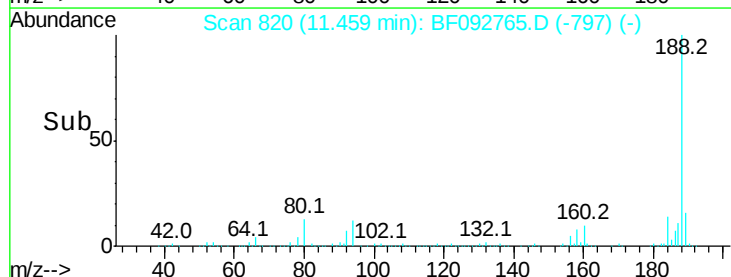
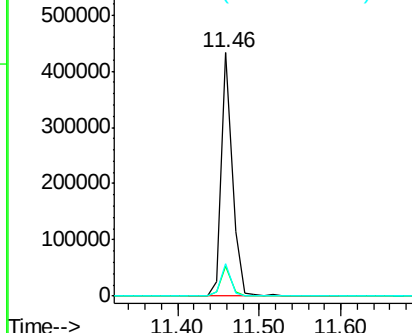
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.46 min Scan# 820
 Delta R.T. -0.03 min
 Lab File: BF092765.D
 Acq: 3 Feb 2017 8:25

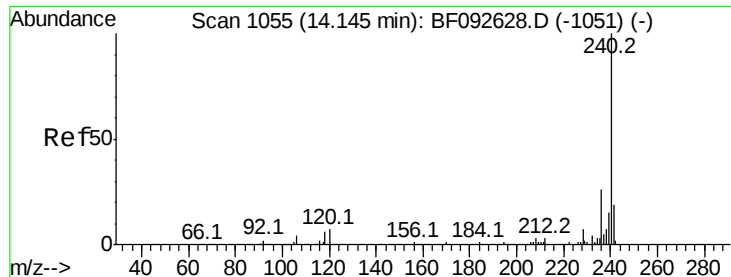
Tgt Ion:188 Resp: 402641

Ion	Ratio	Lower	Upper
188	100		
94	12.3	10.0	15.0
80	13.1	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: 14.10 min Scan# 1051

Delta R.T. -0.05 min

Lab File: BF092765.D

Acq: 3 Feb 2017 8:25

Instrument :

BNA_F

ClientSampled :

MW-08

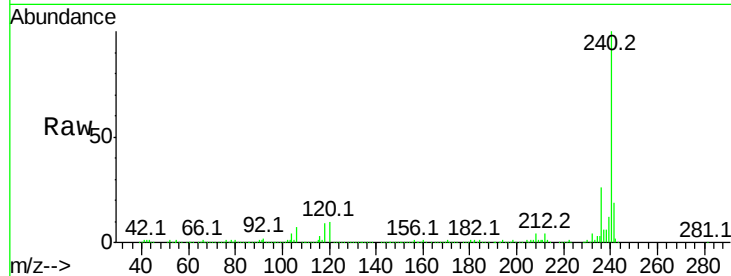
Tot Ion:240 Resp: 354902

Ion Ratio Lower Upper

240 100

120 10.4 12.9 19.3#

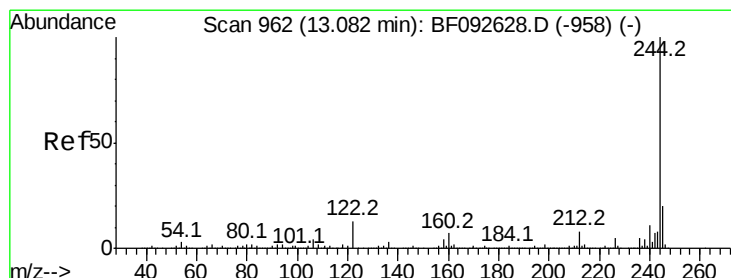
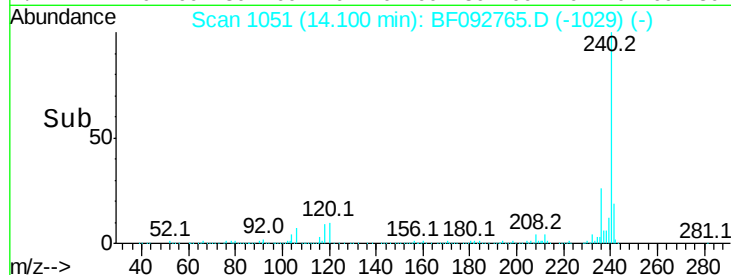
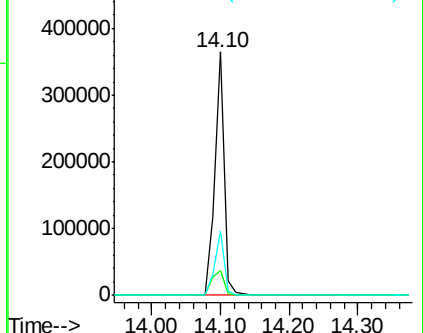
236 26.5 20.9 31.3



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: 74.91 ng

RT: 13.05 min Scan# 959

Delta R.T. -0.03 min

Lab File: BF092765.D

Acq: 3 Feb 2017 8:25

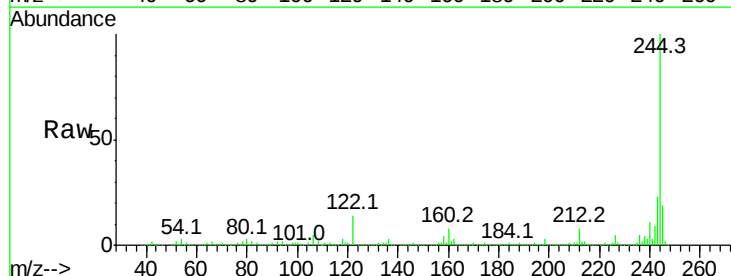
Tgt Ion:244 Resp: 1131495

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

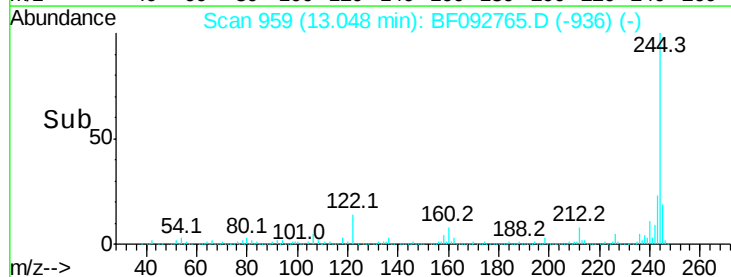
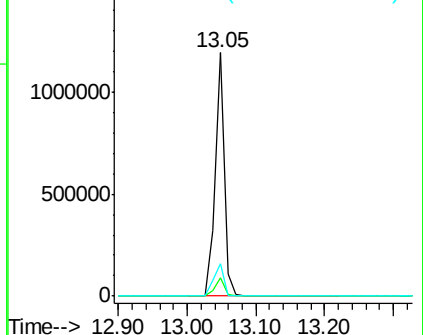
122 13.6 11.4 17.2

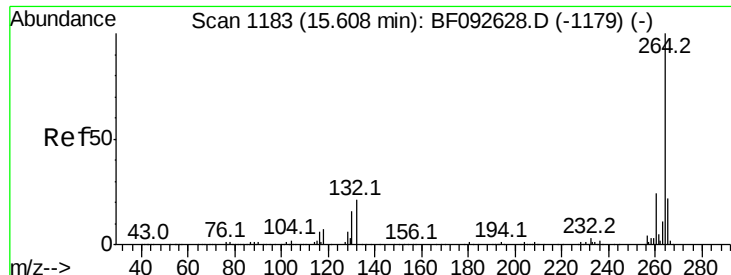


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.56 min Scan# 1179
Delta R.T. -0.05 min
Lab File: BF092765.D
Acq: 3 Feb 2017 8:25

Instrument :
BNA_F
ClientSampleId :
MW-08

Tot Ion:264 Resp: 301873

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.3	17.4	26.0

