

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
 Data File : BF092564.D
 Acq On : 27 Jan 2017 9:16
 Operator : SJ/MA
 Sample : I1353-02
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-13

Quant Time: Jan 27 10:58:44 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	169651	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	633192	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	336199	20.00	ng	0.00
63) Phenanthrene-d10	11.53	188	525951	20.00	ng	0.00
75) Chrysene-d12	14.17	240	396013	20.00	ng	0.00
86) Perylene-d12	15.65	264	334379	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	693792	63.63	ng	0.02
7) Phenol-d6	6.60	99	580214	41.77	ng	0.01
23) Nitrobenzene-d5	7.54	82	1074841	92.73	ng	0.00
41) 2,4,6-Tribromophenol	10.83	330	354679	154.81	ng	0.01
44) 2-Fluorobiphenyl	9.36	172	1950793	107.30	ng	0.00
78) Terphenyl-d14	13.12	244	1389146	93.41	ng	0.00

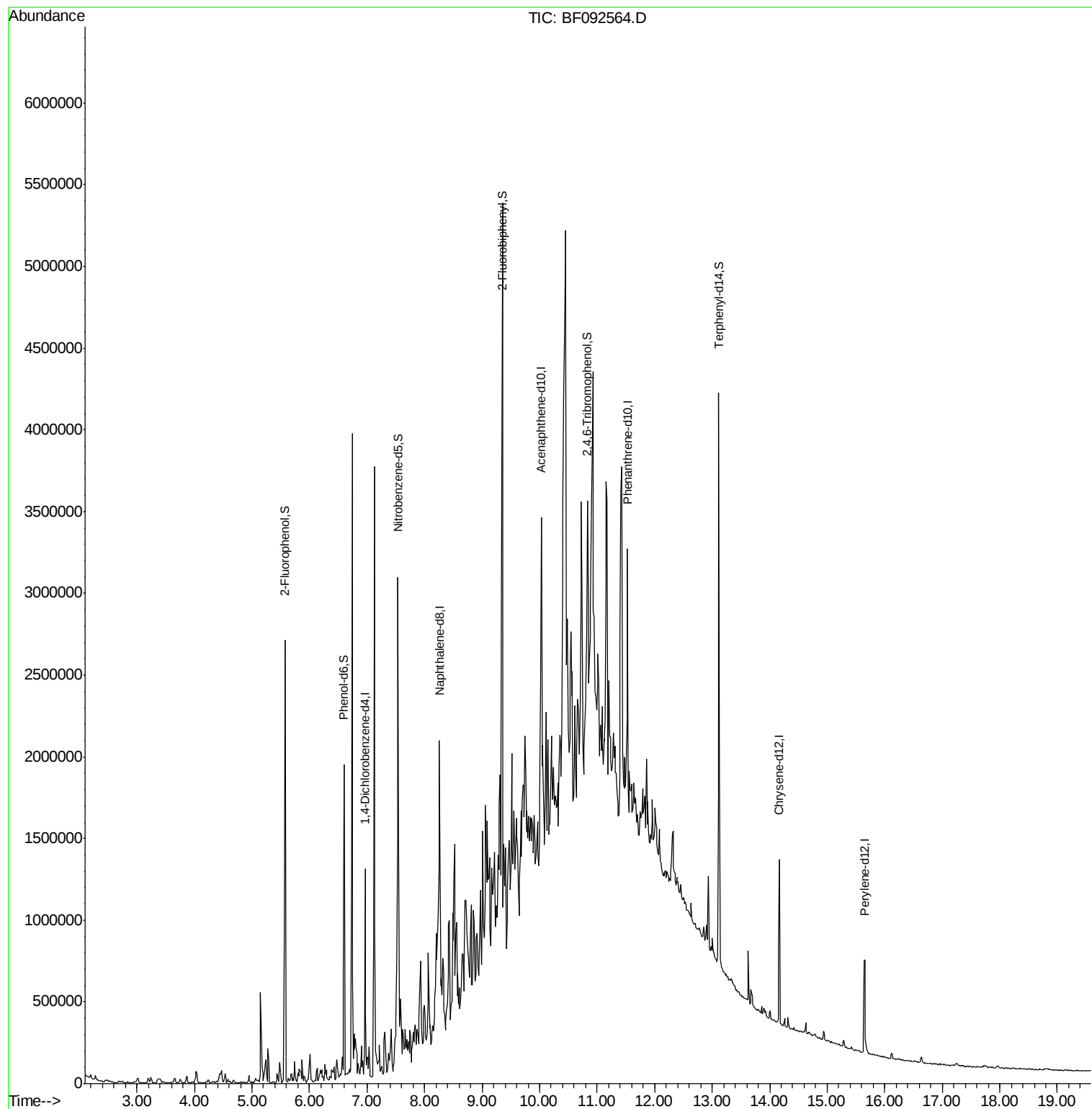
Target Compounds Qvalue

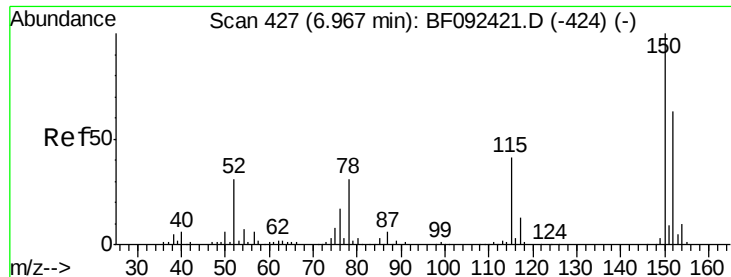
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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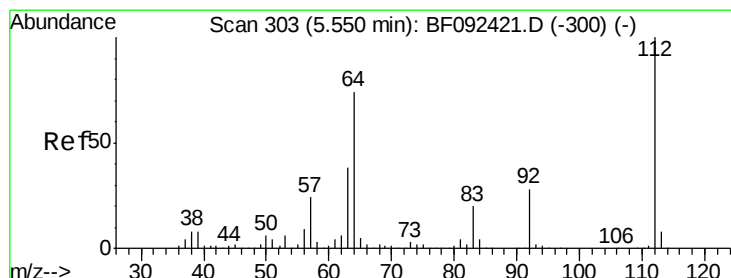
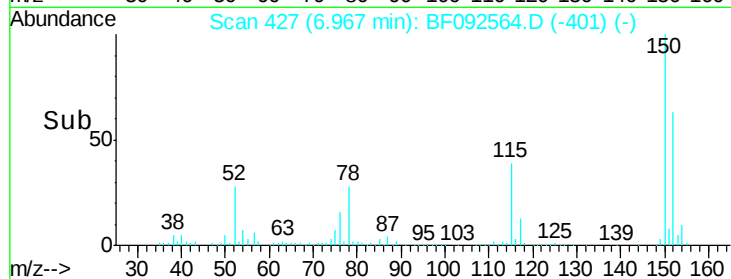
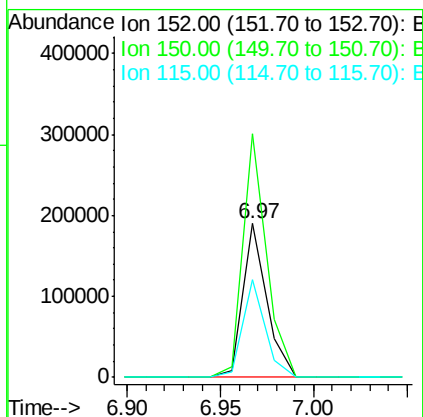
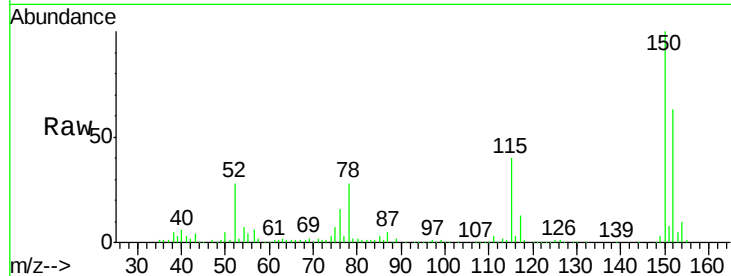


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 427
Delta R.T. -0.00 min
Lab File: BF092564.D
Acq: 27 Jan 2017 9:16

Instrument :
BNA_F
ClientSampled :
MW-13

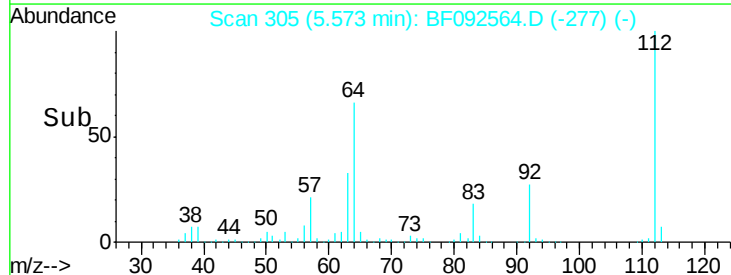
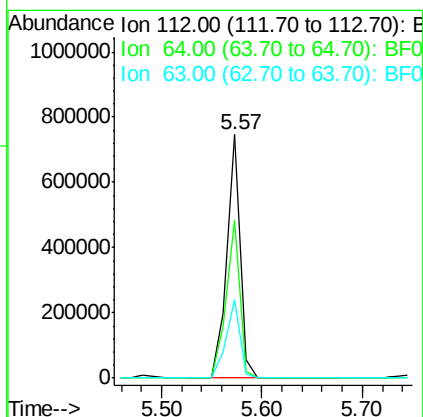
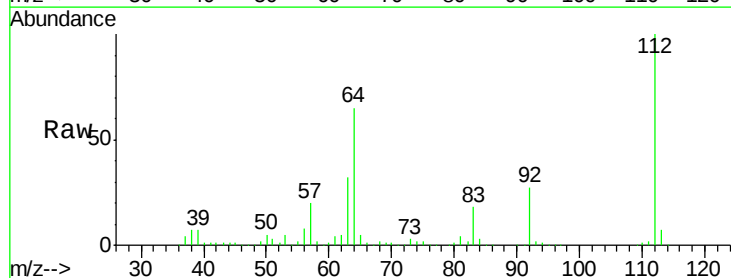
Tot Ion:152 Resp: 169651
Ion Ratio Lower Upper
152 100
150 158.5 124.9 187.3
115 63.5 46.0 69.0

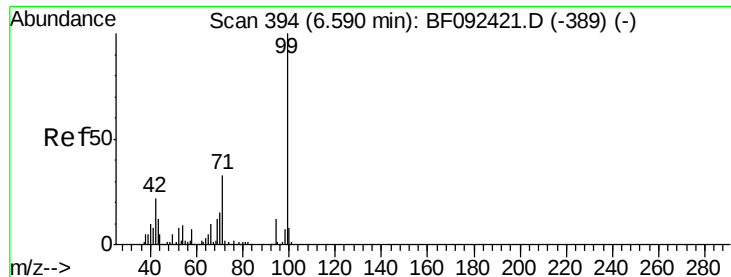


#5

2-Fluorophenol
Concen: 63.63 ng
RT: 5.57 min Scan# 305
Delta R.T. 0.02 min
Lab File: BF092564.D
Acq: 27 Jan 2017 9:16

Tgt Ion:112 Resp: 693792
Ion Ratio Lower Upper
112 100
64 64.9 46.1 69.1
63 32.3 23.8 35.6





#7

Phenol-d6

Concen: 41.77 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.01 min

Lab File: BF092564.D

Acq: 27 Jan 2017 9:16

Instrument :

BNA_F

ClientSampleId :

MW-13

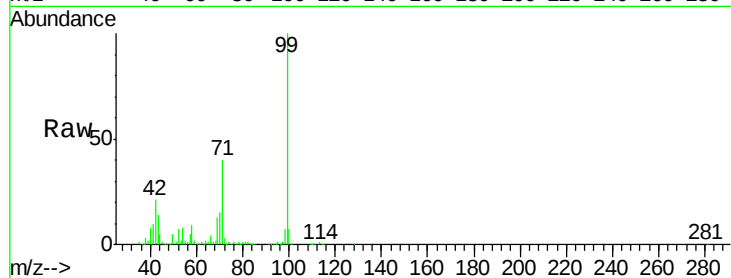
Tot Ion: 99 Resp: 580214

Ion Ratio Lower Upper

99 100

42 20.7 15.6 23.4

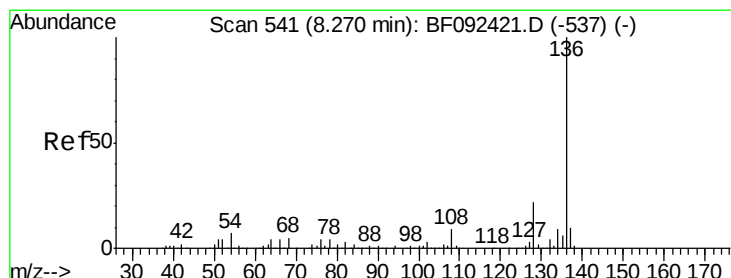
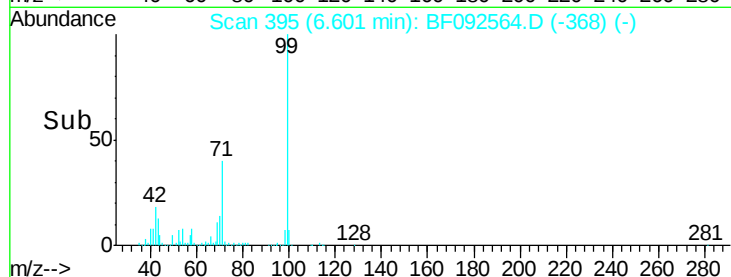
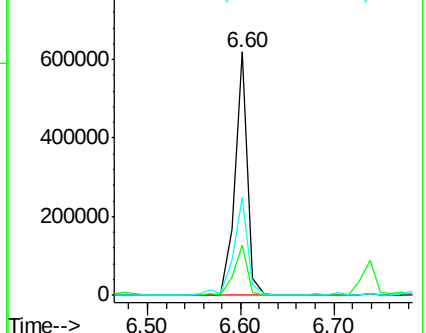
71 40.2 27.5 41.3



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: BF092564.D

Acq: 27 Jan 2017 9:16

Tgt Ion: 136 Resp: 633192

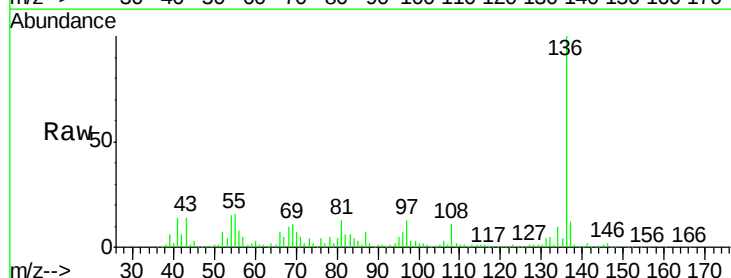
Ion Ratio Lower Upper

136 100

137 11.7 8.4 12.6

54 14.7 4.5 6.7#

68 10.0 3.6 5.4#

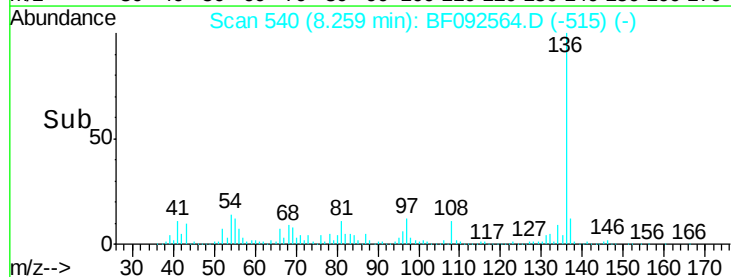
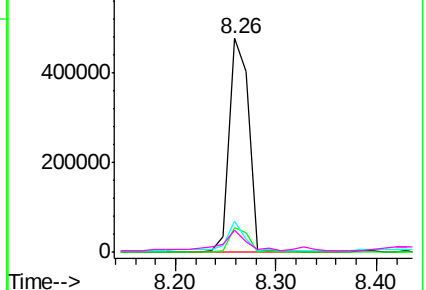


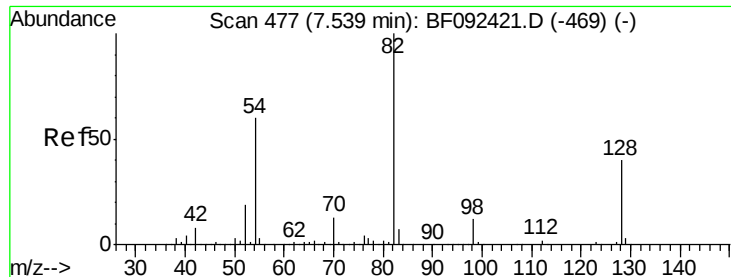
Abundance Ion 136.00 (135.70 to 136.70): E

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

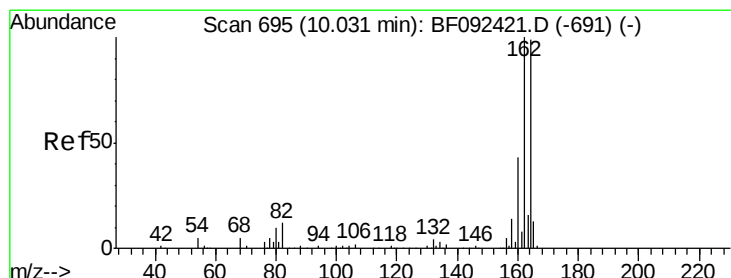
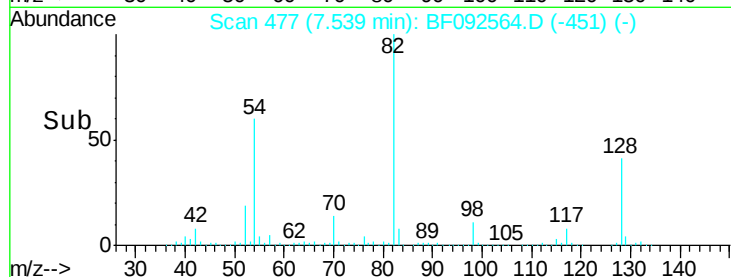
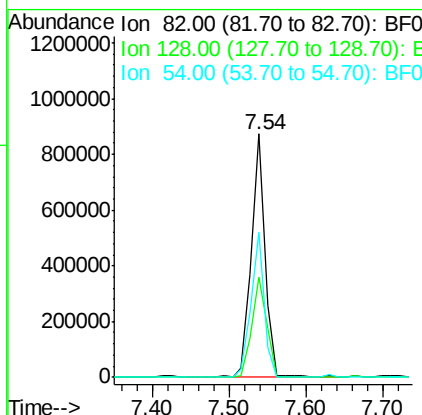
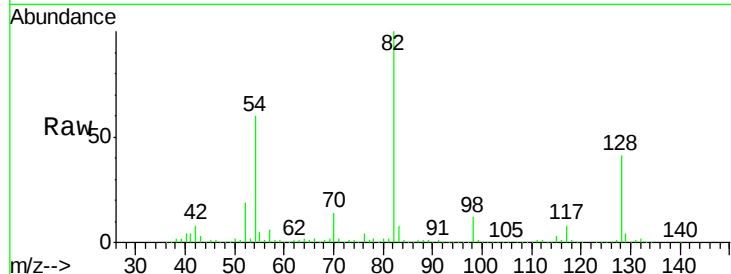




#23
 Nitrobenzene-d5
 Concen: 92.73 ng
 RT: 7.54 min Scan# 477
 Delta R.T. -0.00 min
 Lab File: BF092564.D
 Acq: 27 Jan 2017 9:16

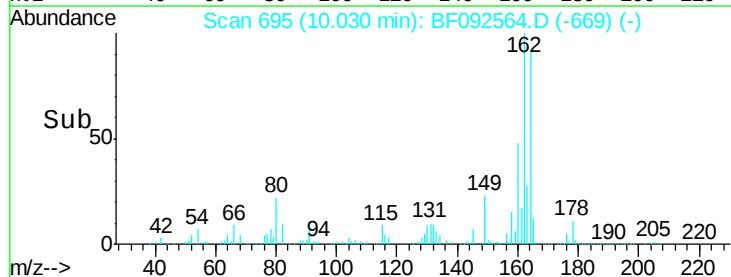
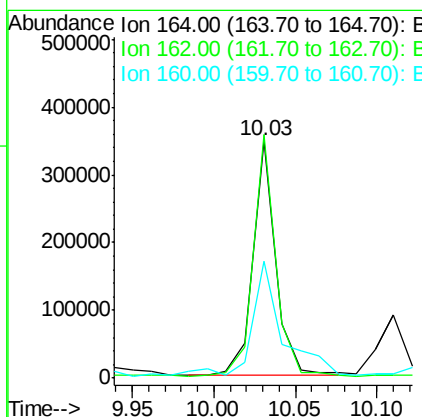
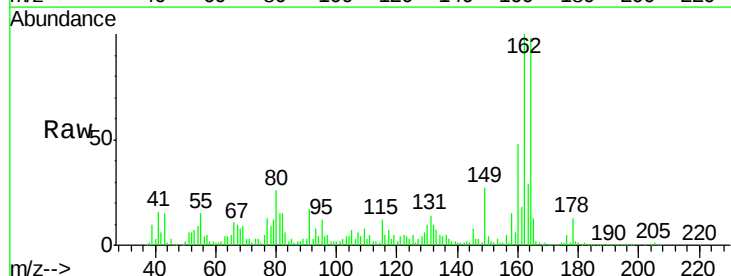
Instrument :
 BNA_F
 ClientSampleID :
 MW-13

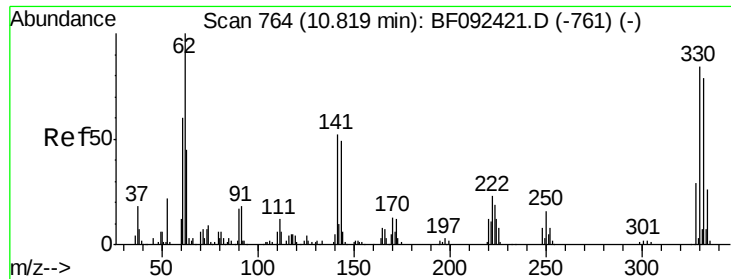
Tot Ion: 82 Resp: 1074841
 Ion Ratio Lower Upper
 82 100
 128 41.3 34.6 52.0
 54 59.6 39.5 59.3#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.03 min Scan# 695
 Delta R.T. -0.00 min
 Lab File: BF092564.D
 Acq: 27 Jan 2017 9:16

Tgt Ion: 164 Resp: 336199
 Ion Ratio Lower Upper
 164 100
 162 102.5 80.2 120.2
 160 49.1 36.9 55.3

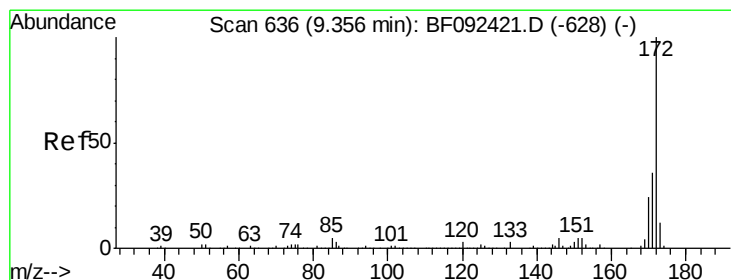
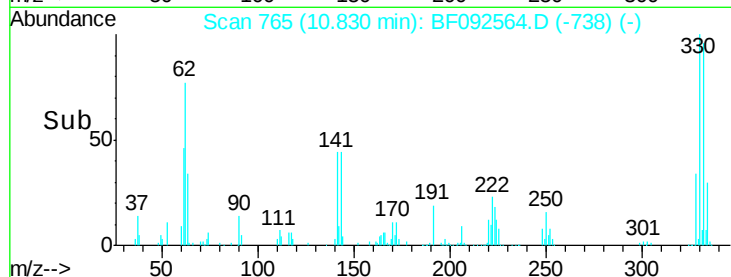
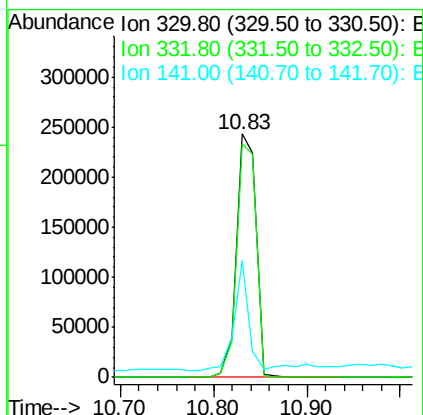
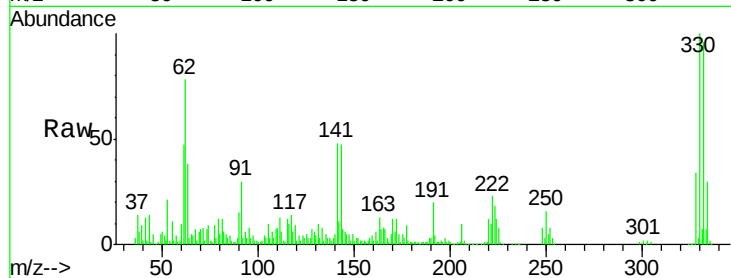




#41
 2,4,6-Tribromophenol
 Concen: 154.81 ng
 RT: 10.83 min Scan# 765
 Delta R.T. 0.01 min
 Lab File: BF092564.D
 Acq: 27 Jan 2017 9:16

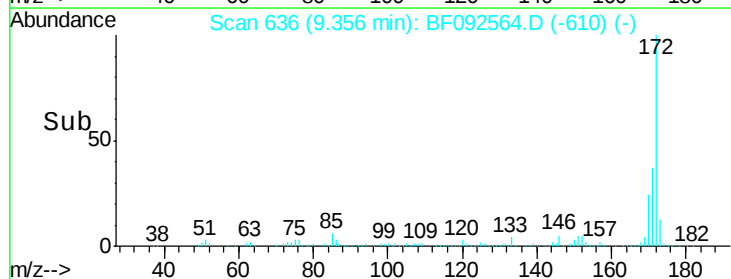
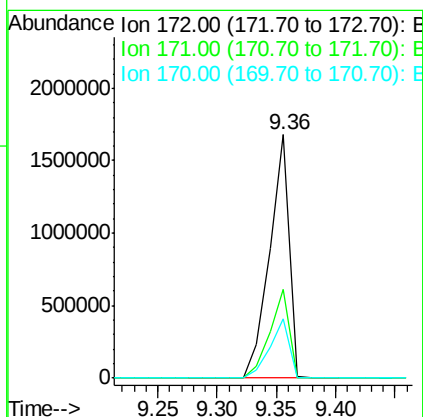
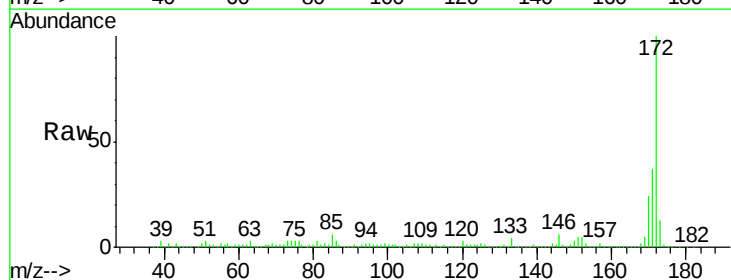
Instrument :
 BNA_F
 ClientSampleId :
 MW-13

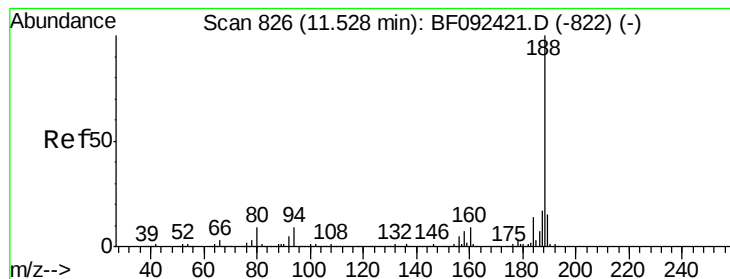
Tot Ion:330 Resp: 354679
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.4 116.2
 141 33.7 34.1 51.1#



#44
 2-Fluorobiphenyl
 Concen: 107.30 ng
 RT: 9.36 min Scan# 636
 Delta R.T. -0.00 min
 Lab File: BF092564.D
 Acq: 27 Jan 2017 9:16

Tgt Ion:172 Resp: 1950793
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.0
 170 24.3 20.2 30.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.53 min Scan# 826

Delta R.T. -0.00 min

Lab File: BF092564.D

Acq: 27 Jan 2017 9:16

Instrument :

BNA_F

ClientSampleId :

MW-13

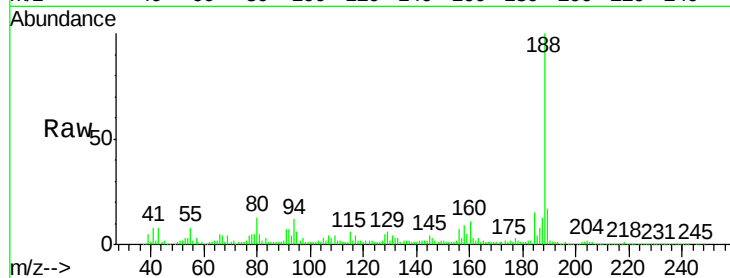
Tot Ion:188 Resp: 525951

Ion Ratio Lower Upper

188 100

94 12.2 10.0 15.0

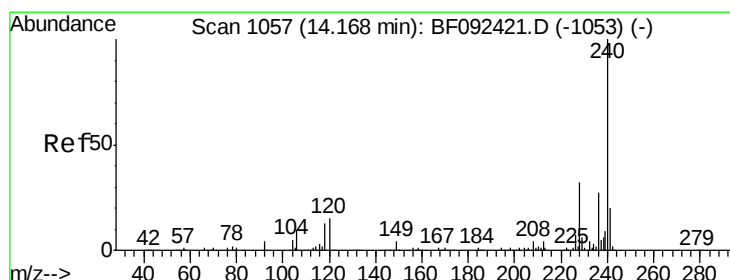
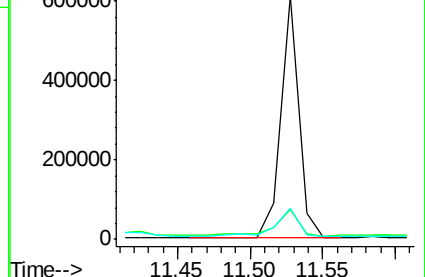
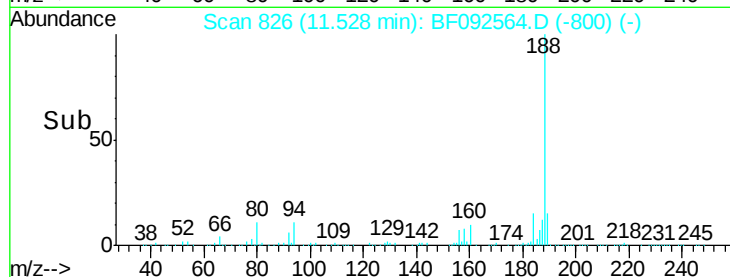
80 12.6 11.2 16.8



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: 14.17 min Scan# 1057

Delta R.T. -0.00 min

Lab File: BF092564.D

Acq: 27 Jan 2017 9:16

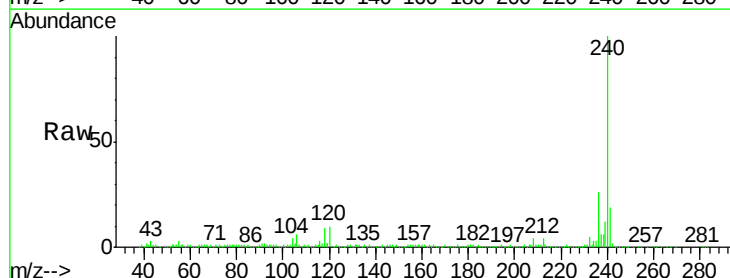
Tgt Ion:240 Resp: 396013

Ion Ratio Lower Upper

240 100

120 9.7 12.9 19.3#

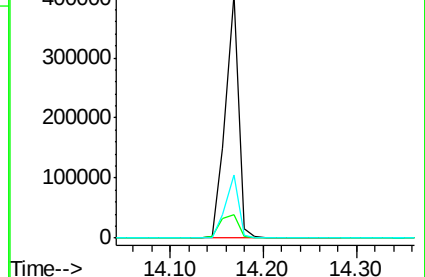
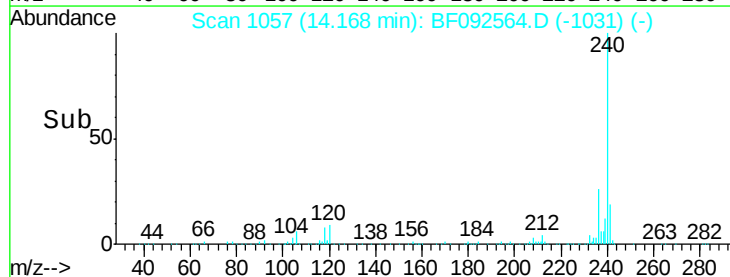
236 26.0 20.9 31.3

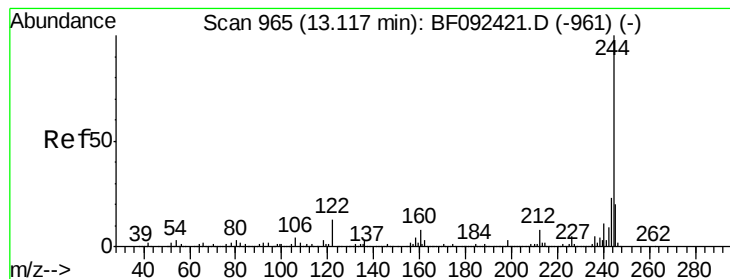


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 93.41 ng

RT: 13.12 min Scan# 965

Delta R.T. -0.00 min

Lab File: BF092564.D

Acq: 27 Jan 2017 9:16

Instrument :

BNA_F

ClientSampleId :

MW-13

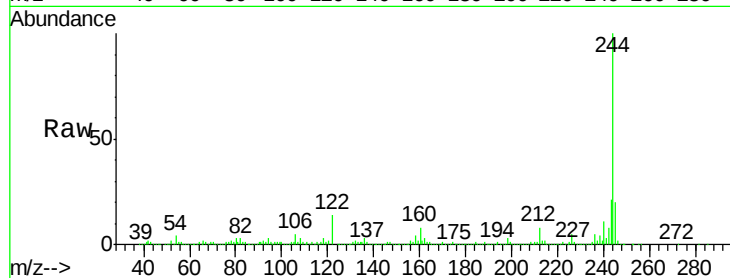
Tot Ion:244 Resp: 1389146

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

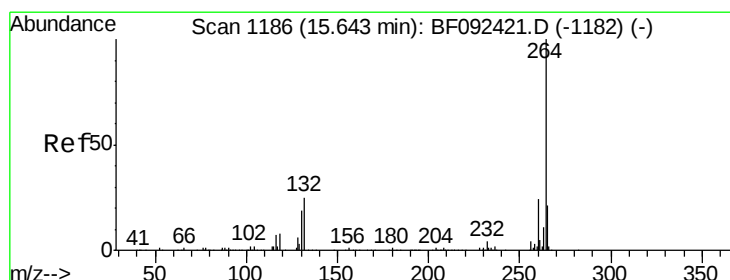
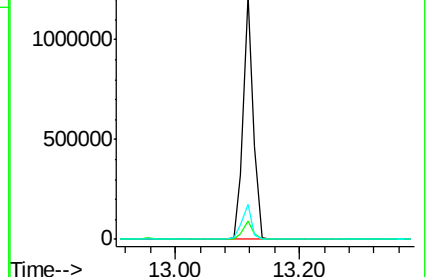
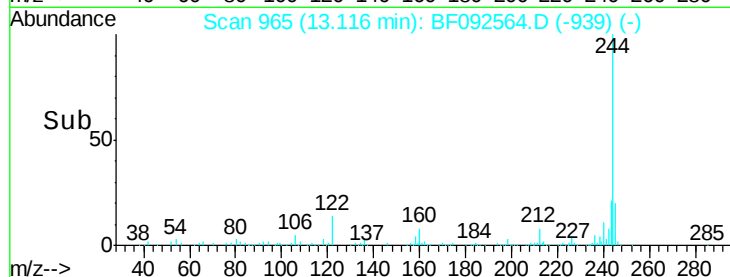
122 14.4 11.4 17.2



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: 15.65 min Scan# 1187

Delta R.T. 0.01 min

Lab File: BF092564.D

Acq: 27 Jan 2017 9:16

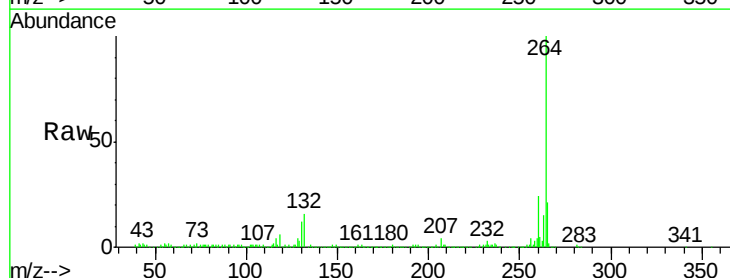
Tgt Ion:264 Resp: 334379

Ion Ratio Lower Upper

264 100

260 23.7 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

