

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020217\
 Data File : BF092763.D
 Acq On : 3 Feb 2017 7:29
 Operator : SJ/MA
 Sample : I1646-08
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-04

Quant Time: Feb 03 08:00:09 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

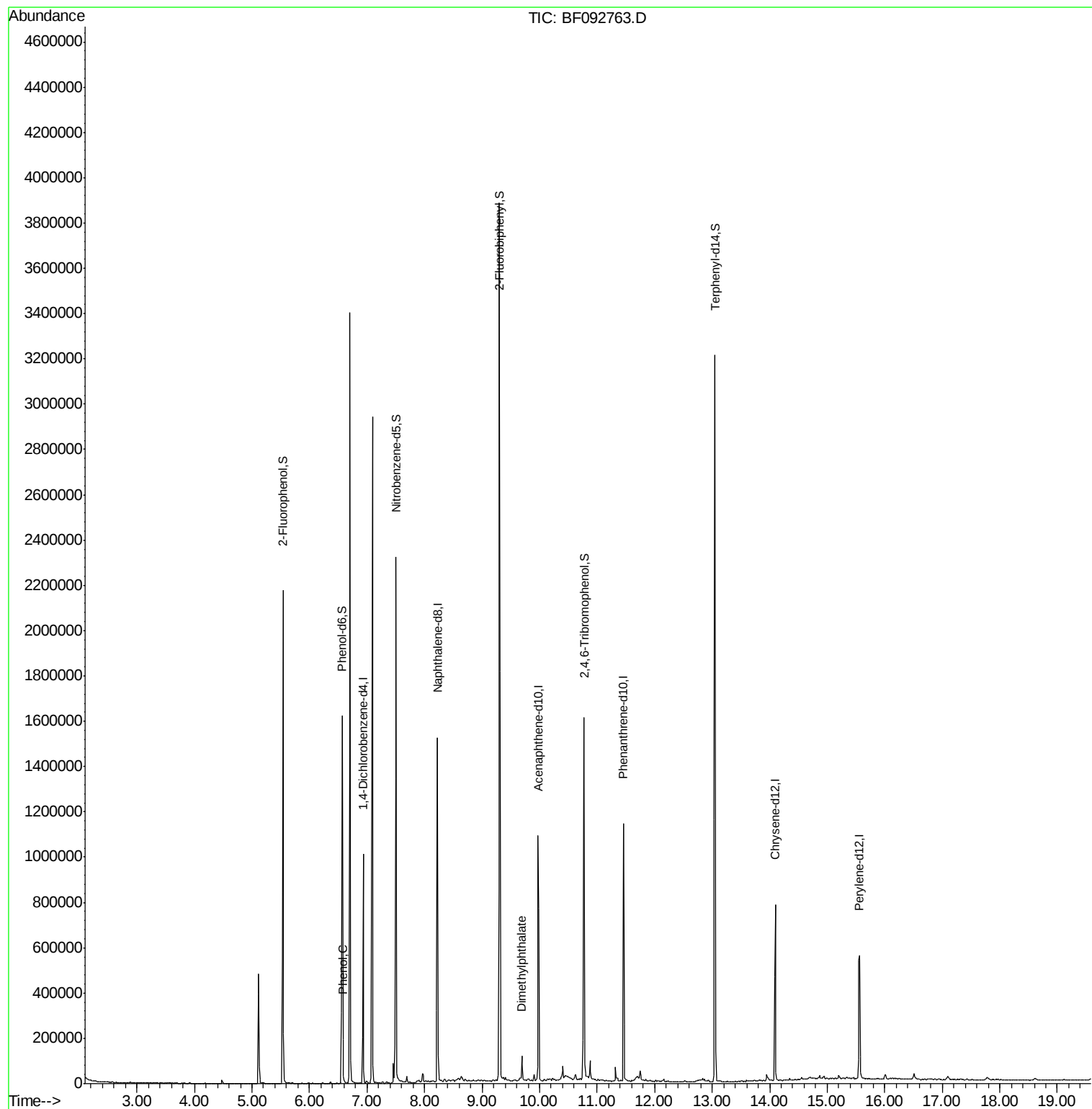
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	148546	20.00	ng	-0.03
21) Naphthalene-d8	8.22	136	656529	20.00	ng	-0.03
38) Acenaphthene-d10	9.97	164	314989	20.00	ng	-0.03
63) Phenanthrene-d10	11.46	188	409836	20.00	ng	-0.03
75) Chrysene-d12	14.10	240	329678	20.00	ng	-0.05
86) Perylene-d12	15.56	264	310234	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	573075	66.19	ng	-0.03
7) Phenol-d6	6.57	99	494645	44.40	ng	-0.03
23) Nitrobenzene-d5	7.50	82	909532	77.15	ng	-0.03
41) 2,4,6-Tribromophenol	10.77	330	277957	122.01	ng	-0.03
44) 2-Fluorobiphenyl	9.30	172	1561140	89.79	ng	-0.03
78) Terphenyl-d14	13.05	244	1018333	72.58	ng	-0.03
Target Compounds						
10) Phenol	6.58	94	26171	2.01	ng	# 72
49) Dimethylphthalate	9.69	163	50701	2.39	ng	# 96

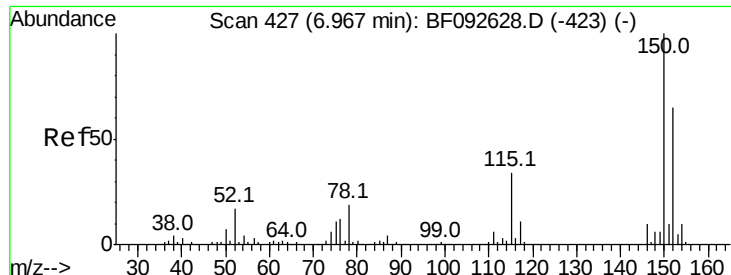
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF092763.D

Acq: 3 Feb 2017 7:29

Instrument :

BNA_F

ClientSampleId :

MW-04

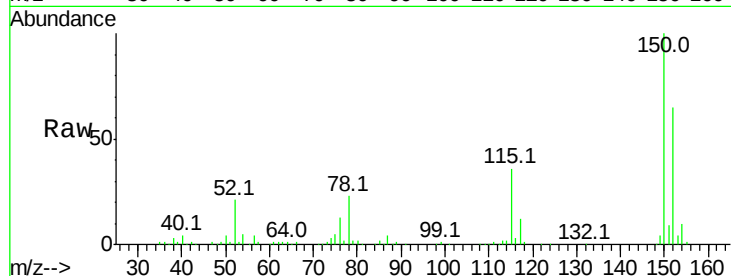
Tot Ion:152 Resp: 148546

Ion Ratio Lower Upper

152 100

150 154.9 124.9 187.3

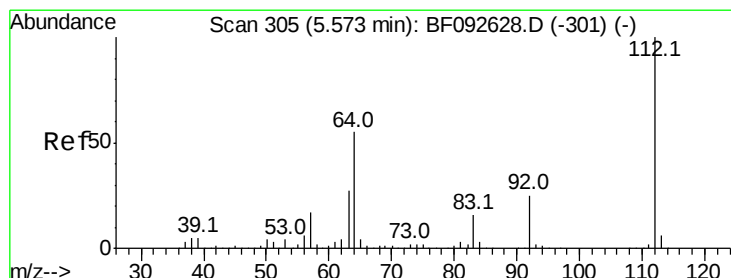
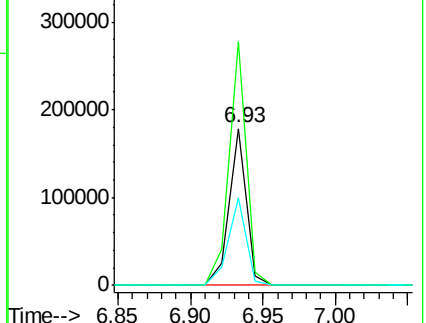
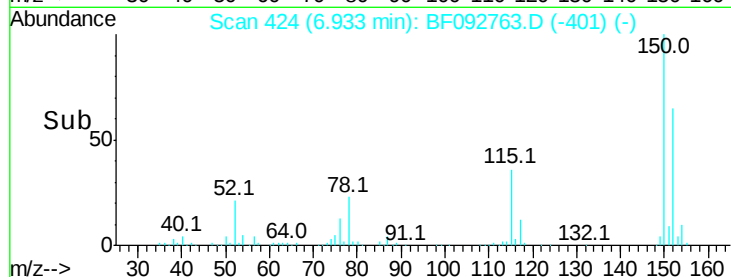
115 55.8 46.0 69.0



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: 66.19 ng

RT: 5.54 min Scan# 302

Delta R.T. -0.03 min

Lab File: BF092763.D

Acq: 3 Feb 2017 7:29

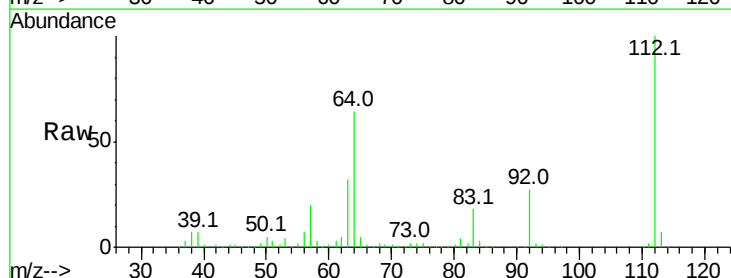
Tgt Ion:112 Resp: 573075

Ion Ratio Lower Upper

112 100

64 63.7 46.1 69.1

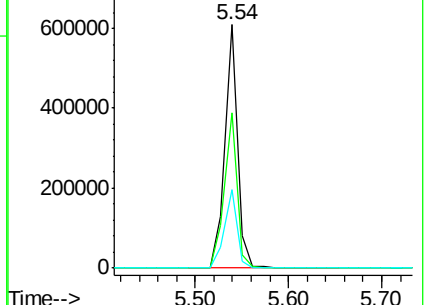
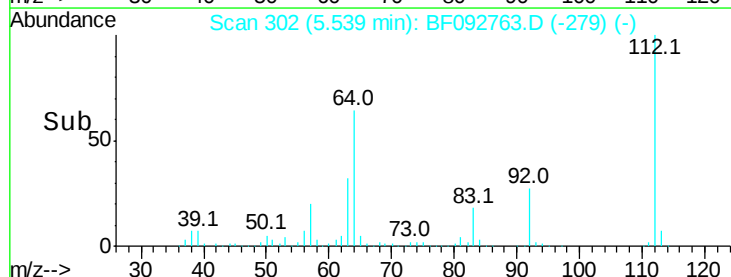
63 32.0 23.8 35.6



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: 44.40 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.03 min

Lab File: BF092763.D

Acq: 3 Feb 2017 7:29

Instrument :

BNA_F

ClientSampleId :

MW-04

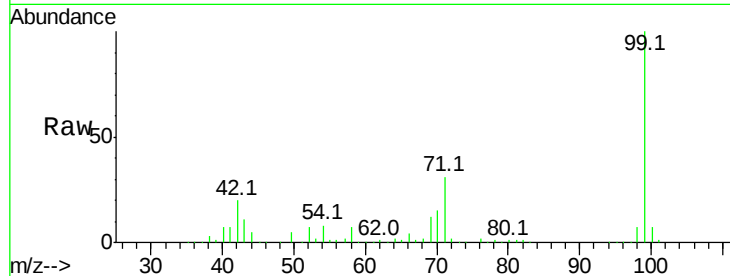
Tot Ion: 99 Resp: 494645

Ion Ratio Lower Upper

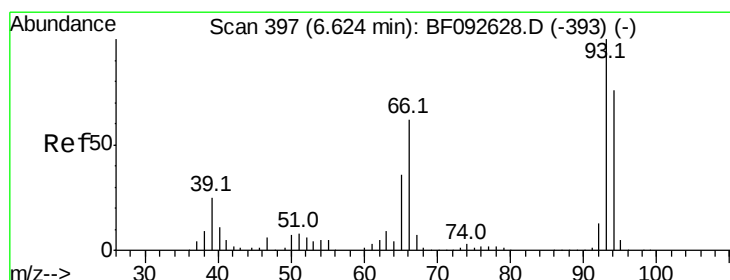
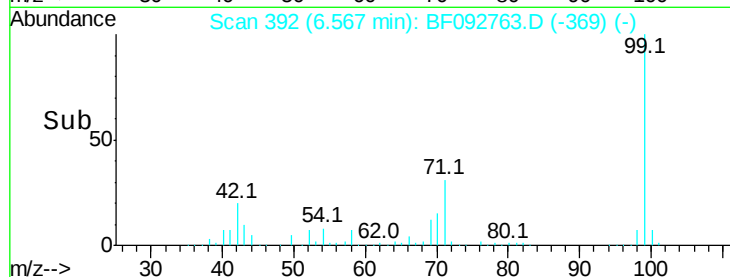
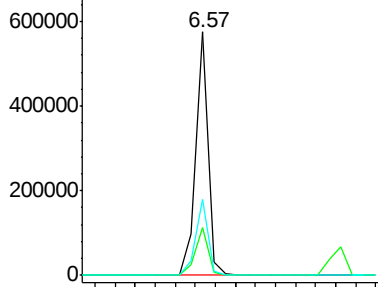
99 100

42 19.8 15.6 23.4

71 31.4 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



#10

Phenol

Concen: 2.01 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.05 min

Lab File: BF092763.D

Acq: 3 Feb 2017 7:29

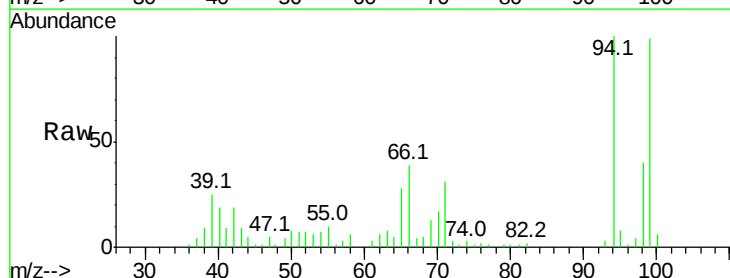
Tgt Ion: 94 Resp: 26171

Ion Ratio Lower Upper

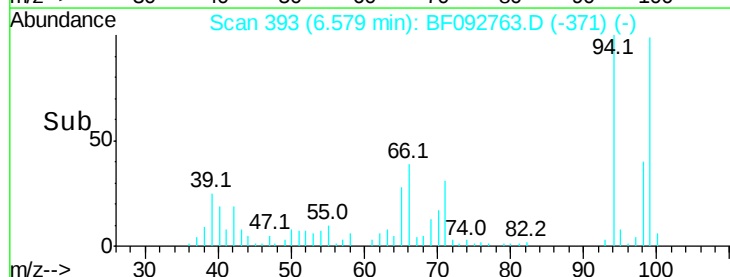
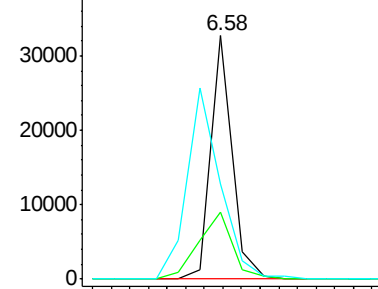
94 100

65 27.8 21.4 61.4

66 39.1 44.0 84.0#



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

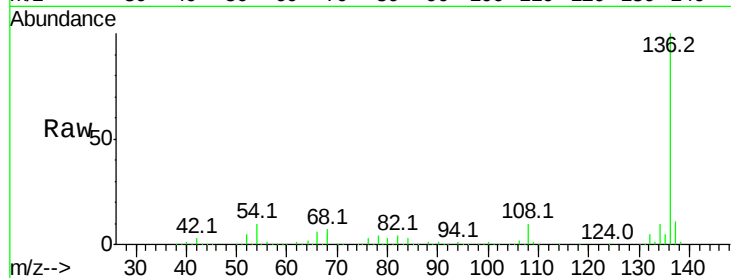




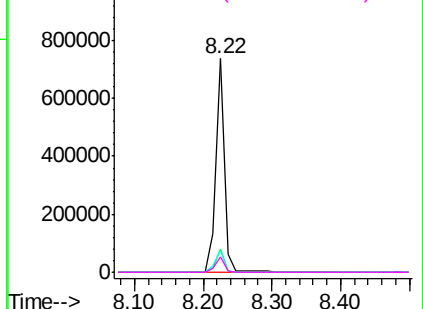
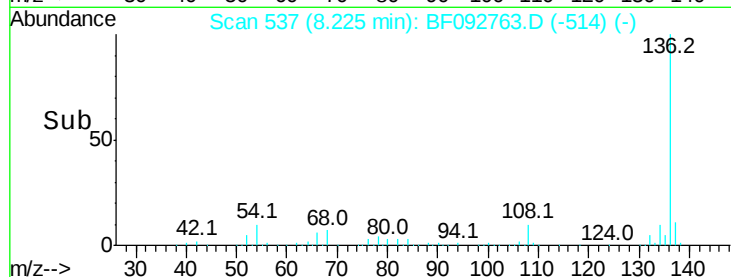
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.03 min
Lab File: BF092763.D
Acq: 3 Feb 2017 7:29

Instrument :
BNA_F
ClientSampleId :
MW-04

Tot Ion:	136	Resp:	656529
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.4	12.6
54	10.2	4.5	6.7#
68	7.2	3.6	5.4#

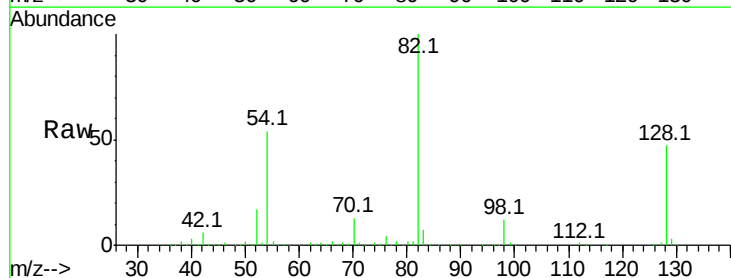


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

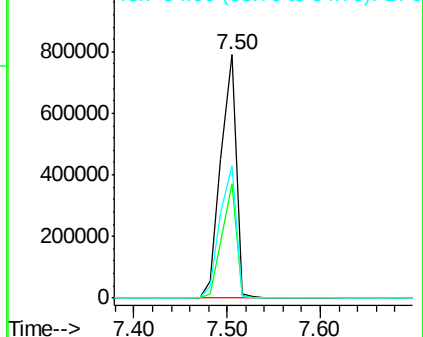
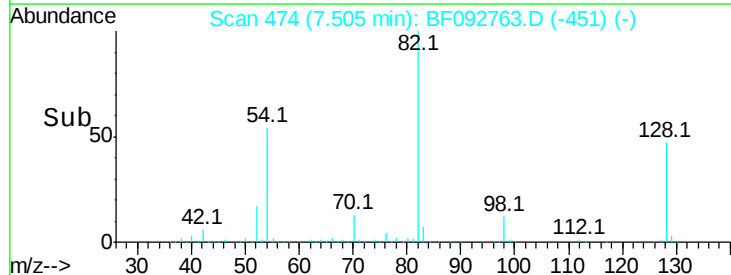


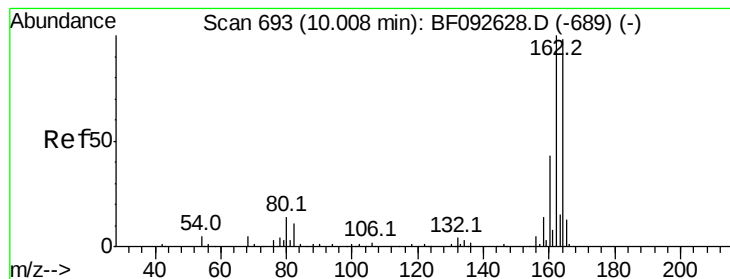
#23
Nitrobenzene-d5
Concen: 77.15 ng
RT: 7.50 min Scan# 474
Delta R.T. -0.03 min
Lab File: BF092763.D
Acq: 3 Feb 2017 7:29

Tgt Ion:	82	Resp:	909532
Ion	Ratio	Lower	Upper
82	100		
128	46.8	34.6	52.0
54	54.3	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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.03 min

Lab File: BF092763.D

Acq: 3 Feb 2017 7:29

Instrument :

BNA_F

ClientSampleId :

MW-04

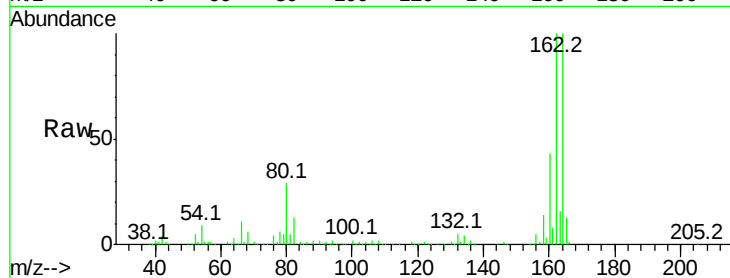
Tot Ion:164 Resp: 314989

Ion Ratio Lower Upper

164 100

162 100.5 80.2 120.2

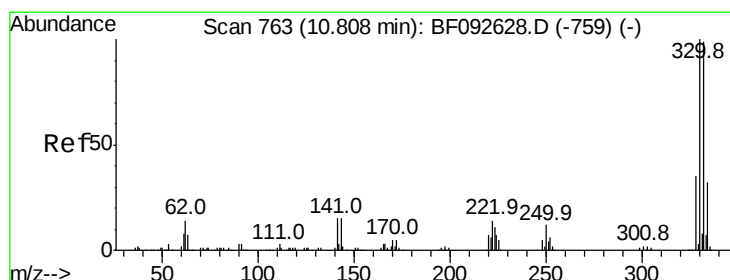
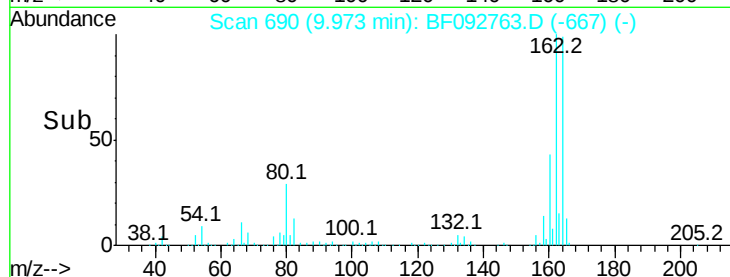
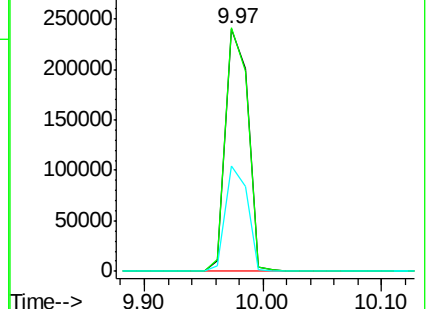
160 43.6 36.9 55.3



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: 122.01 ng

RT: 10.77 min Scan# 760

Delta R.T. -0.03 min

Lab File: BF092763.D

Acq: 3 Feb 2017 7:29

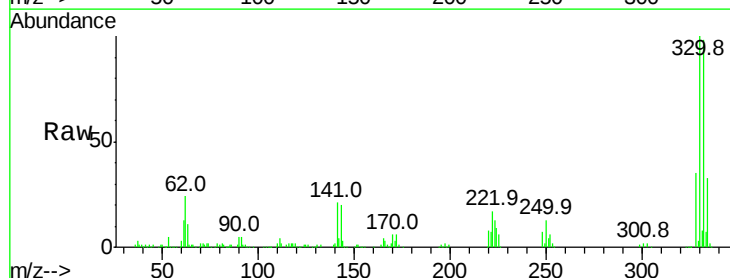
Tgt Ion:330 Resp: 277957

Ion Ratio Lower Upper

330 100

332 97.3 77.4 116.2

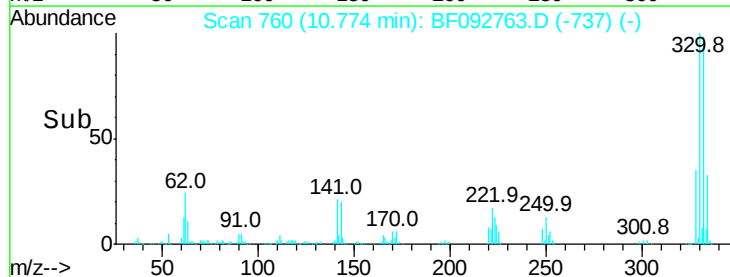
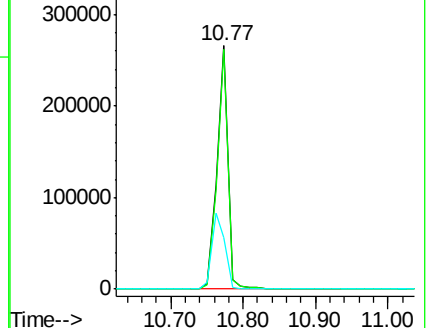
141 37.6 34.1 51.1

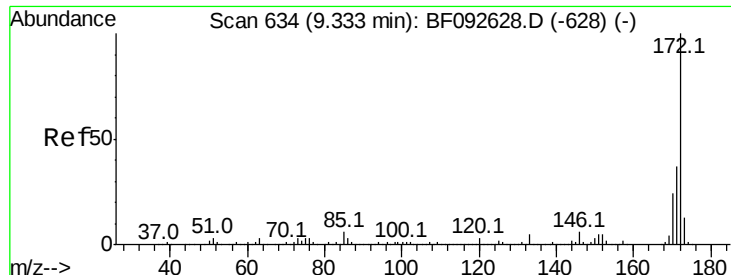


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



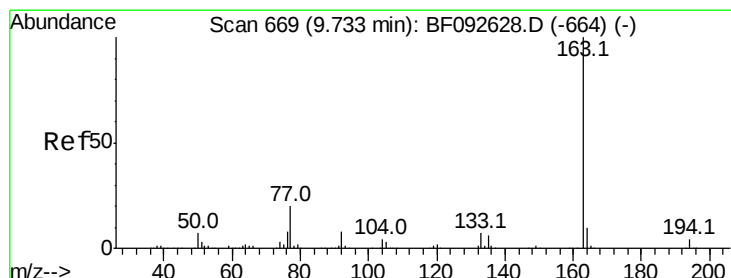
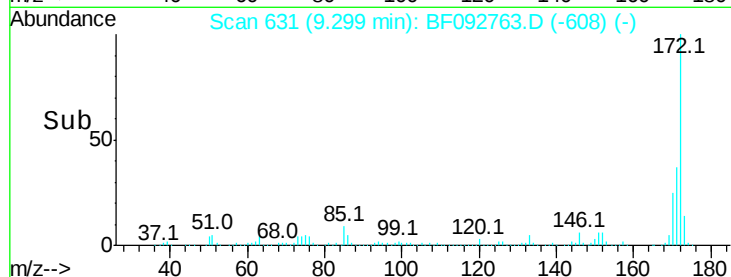
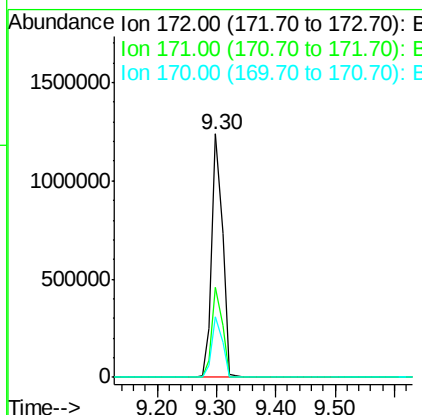
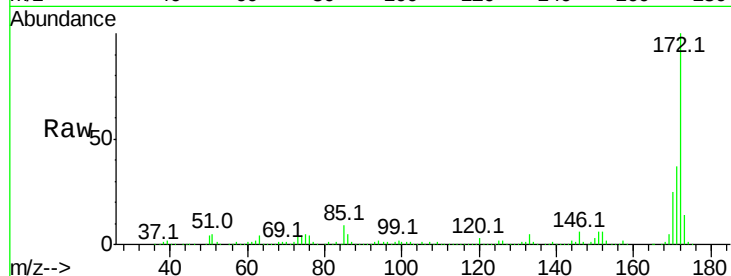


#44
 2-Fluorobiphenyl
 Concen: 89.79 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.03 min
 Lab File: BF092763.D
 Acq: 3 Feb 2017 7:29

Instrument :
 BNA_F
 ClientSampleId :
 MW-04

Tot Ion:172 Resp: 1561140

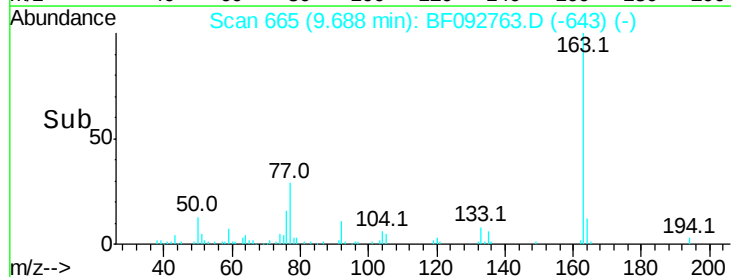
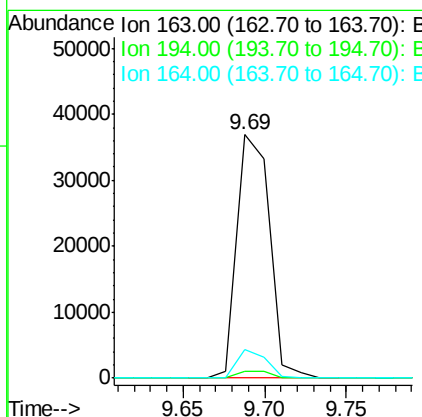
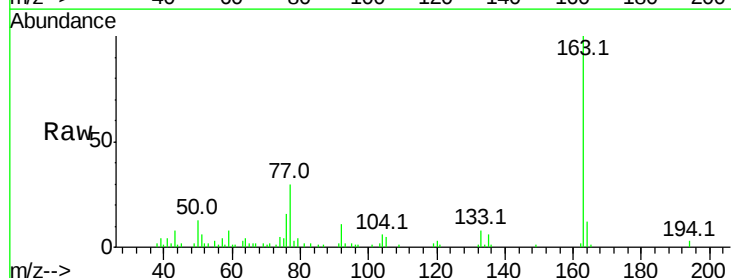
Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.4	44.0
170	24.6	20.2	30.4

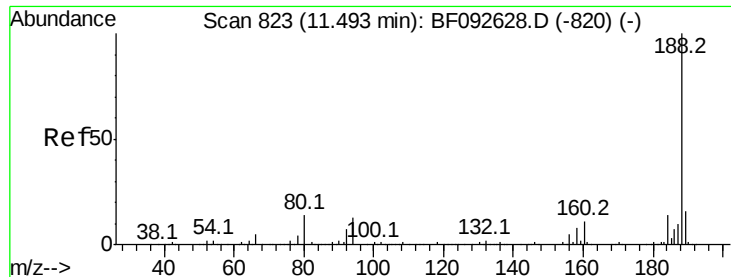


#49
 Dimethylphthalate
 Concen: 2.39 ng
 RT: 9.69 min Scan# 665
 Delta R.T. -0.05 min
 Lab File: BF092763.D
 Acq: 3 Feb 2017 7:29

Tgt Ion:163 Resp: 50701

Ion	Ratio	Lower	Upper
163	100		
194	2.9	3.0	4.4#
164	11.5	8.0	12.0

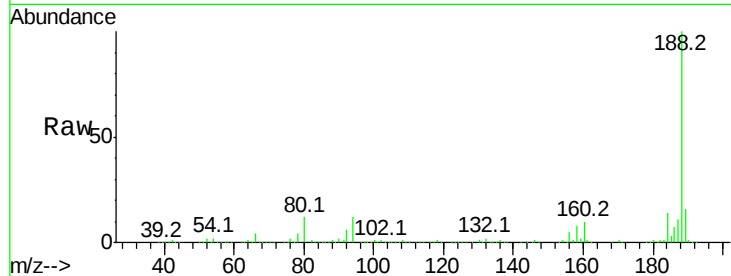




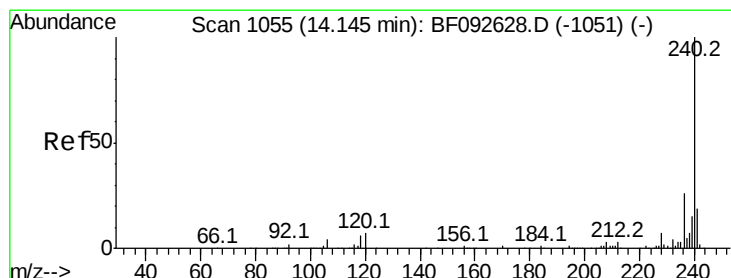
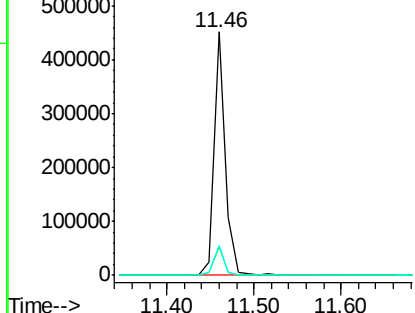
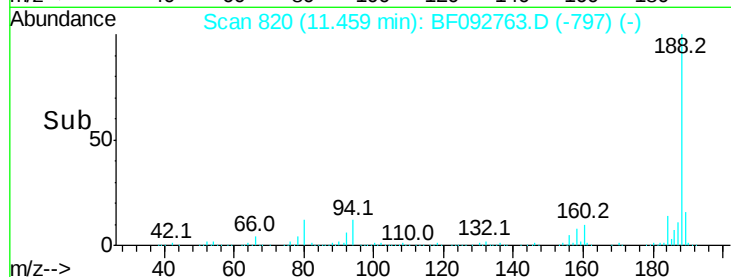
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 820
Delta R.T. -0.03 min
Lab File: BF092763.D
Acq: 3 Feb 2017 7:29

Instrument :
BNA_F
ClientSampleId :
MW-04

Tot Ion:188 Resp: 409836
Ion Ratio Lower Upper
188 100
94 11.7 10.0 15.0
80 12.3 11.2 16.8

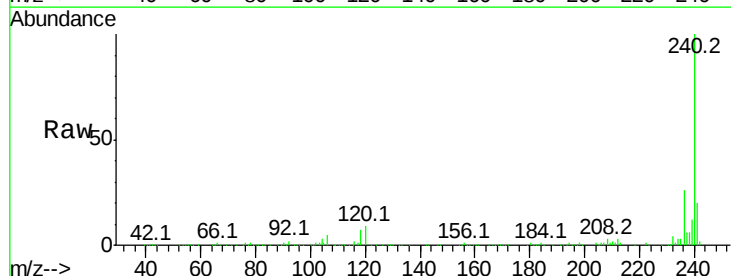


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

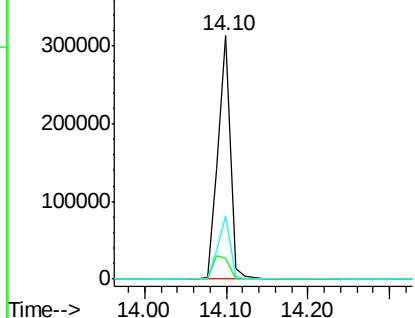
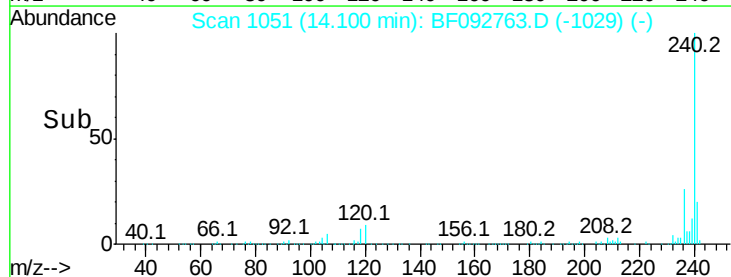


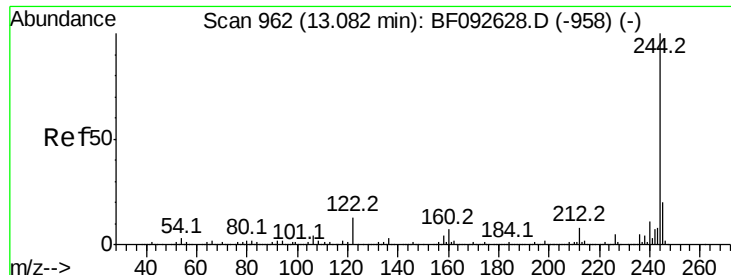
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.10 min Scan# 1051
Delta R.T. -0.05 min
Lab File: BF092763.D
Acq: 3 Feb 2017 7:29

Tgt Ion:240 Resp: 329678
Ion Ratio Lower Upper
240 100
120 8.8 12.9 19.3#
236 25.9 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: 72.58 ng

RT: 13.05 min Scan# 959

Delta R.T. -0.03 min

Lab File: BF092763.D

Acq: 3 Feb 2017 7:29

Instrument :

BNA_F

ClientSampleId :

MW-04

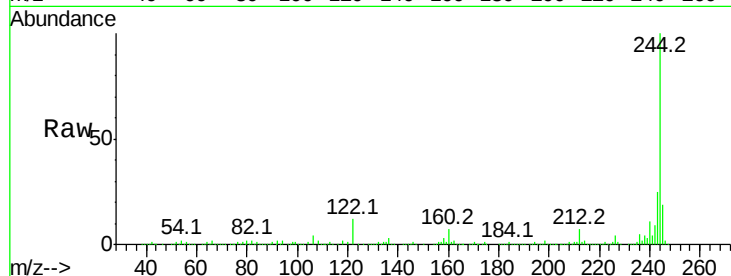
Tot Ion:244 Resp: 1018333

Ion Ratio Lower Upper

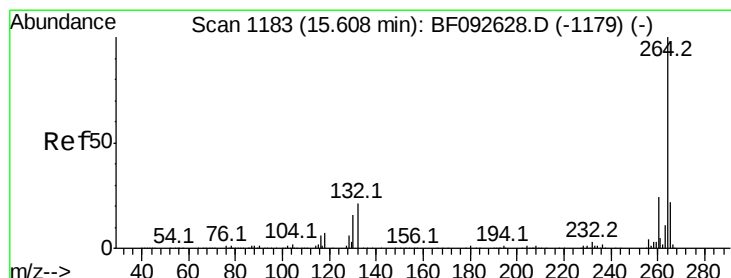
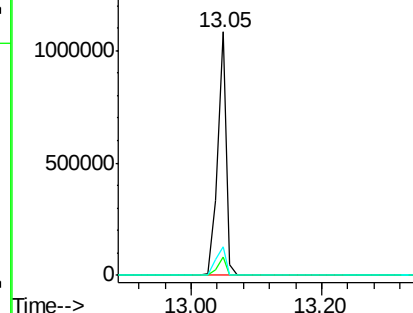
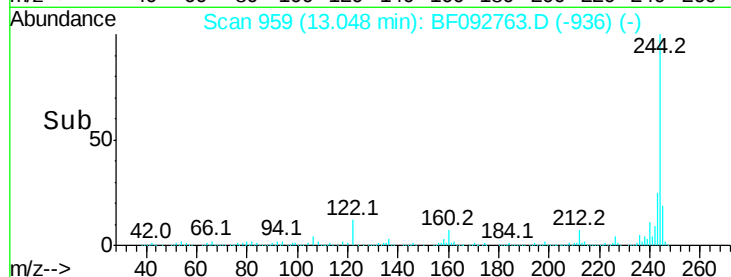
244 100

212 7.4 6.2 9.2

122 11.5 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: 15.56 min Scan# 1179

Delta R.T. -0.05 min

Lab File: BF092763.D

Acq: 3 Feb 2017 7:29

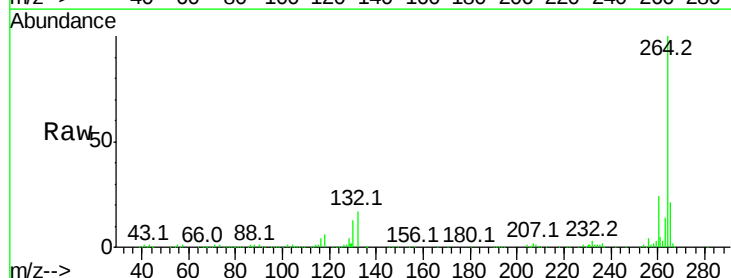
Tgt Ion:264 Resp: 310234

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 20.7 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

