

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010417\
 Data File : BF092092.D
 Acq On : 5 Jan 2017 2:27
 Operator : UM/SJ
 Sample : I1004-16
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-04

Quant Time: Jan 05 04:43:27 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 05 00:16:49 2017
 Response via : Initial Calibration

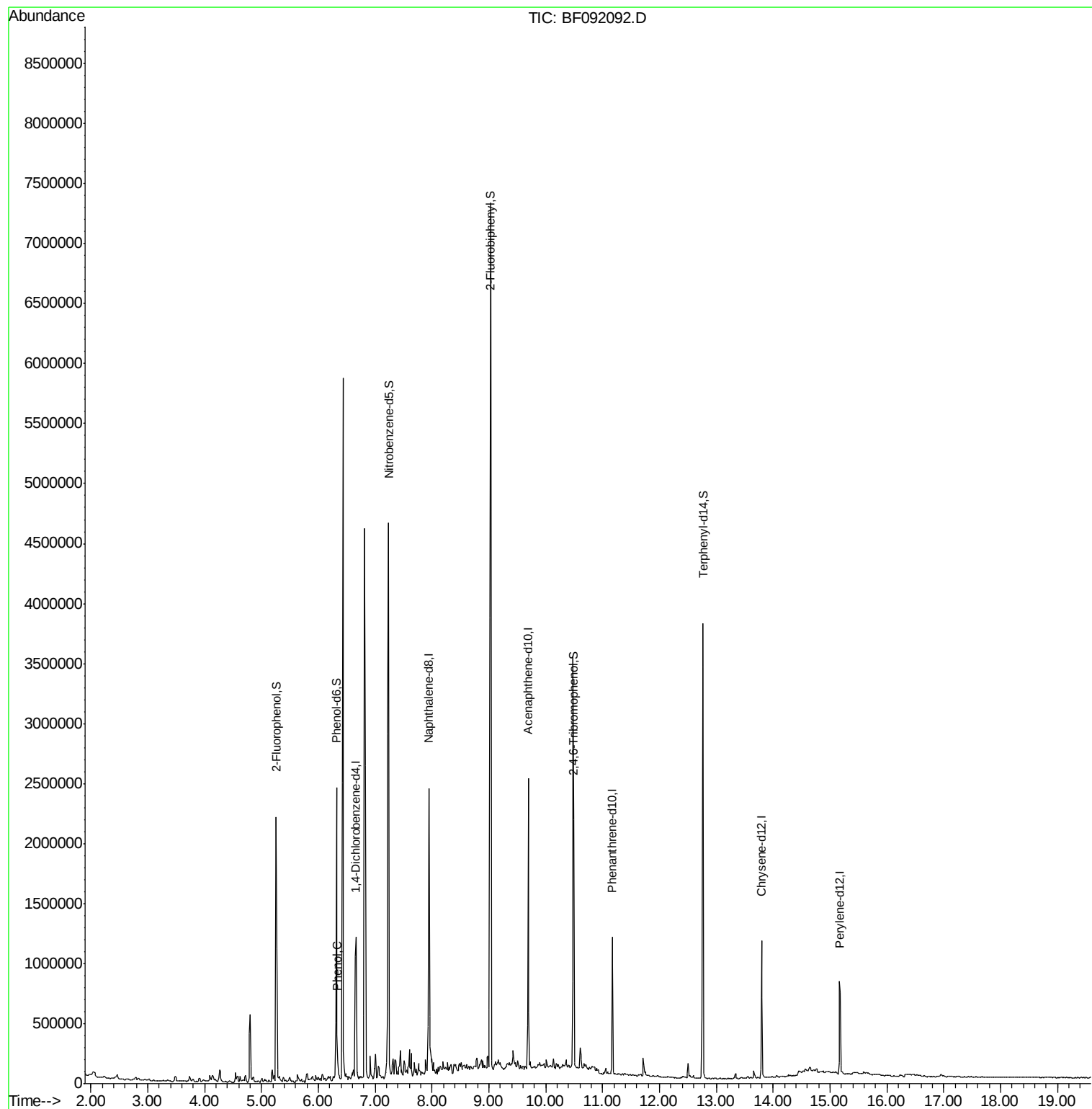
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	258505	20.00	ng	0.00
21) Naphthalene-d8	7.94	136	1021007	20.00	ng	-0.01
38) Acenaphthene-d10	9.69	164	520735	20.00	ng	-0.01
63) Phenanthrene-d10	11.17	188	591459	20.00	ng	-0.01
75) Chrysene-d12	13.80	240	479045	20.00	ng	-0.01
86) Perylene-d12	15.18	264	416239	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	727368	46.98	ng	0.00
7) Phenol-d6	6.32	99	813115	43.02	ng	-0.01
23) Nitrobenzene-d5	7.24	82	1835727	99.98	ng	0.00
41) 2,4,6-Tribromophenol	10.49	330	592750	137.55	ng	0.00
44) 2-Fluorobiphenyl	9.03	172	2632111	106.89	ng	0.00
78) Terphenyl-d14	12.77	244	1810774	91.67	ng	0.00
Target Compounds						
10) Phenol	6.33	94	44892	2.08	ng	Qvalue # 72

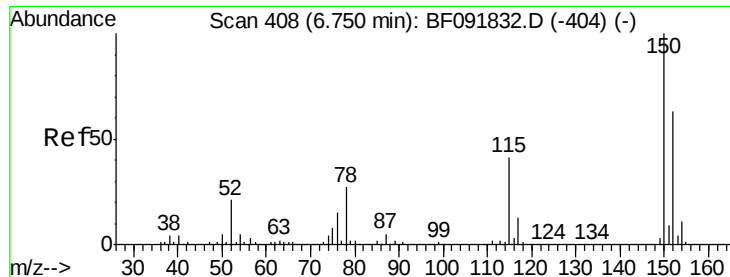
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 418

Delta R.T. -0.00 min

Lab File: BF092092.D

Acq: 5 Jan 2017 2:27

Instrument :

BNA_F

ClientSampled :

MW-04

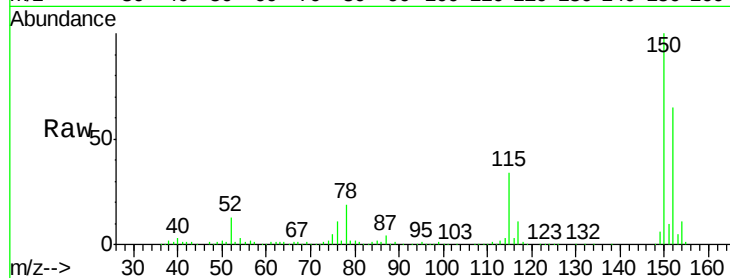
Tot Ion:152 Resp: 258505

Ion Ratio Lower Upper

152 100

150 153.7 124.9 187.3

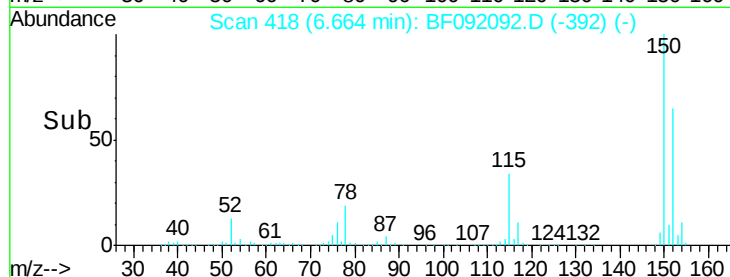
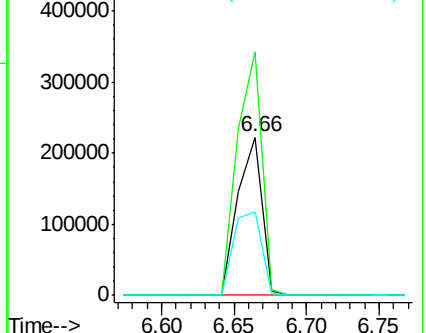
115 52.5 46.0 69.0



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: 46.98 ng

RT: 5.26 min Scan# 295

Delta R.T. -0.00 min

Lab File: BF092092.D

Acq: 5 Jan 2017 2:27

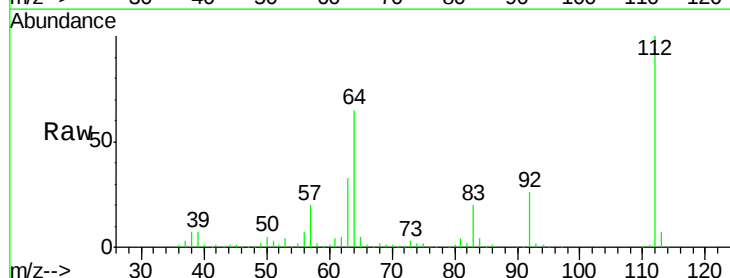
Tgt Ion:112 Resp: 727368

Ion Ratio Lower Upper

112 100

64 65.2 46.1 69.1

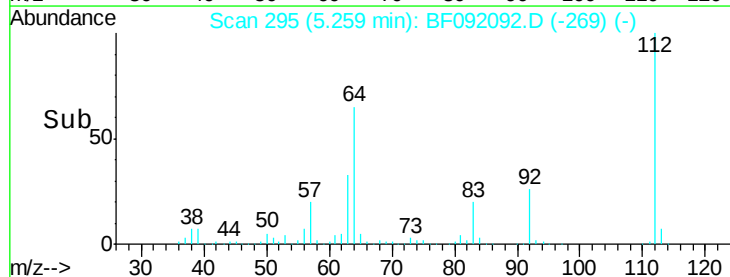
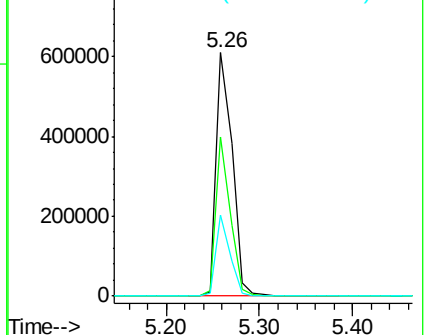
63 33.4 23.8 35.6



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: 43.02 ng

RT: 6.32 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF092092.D

Acq: 5 Jan 2017 2:27

Instrument :

BNA_F

ClientSampled :

MW-04

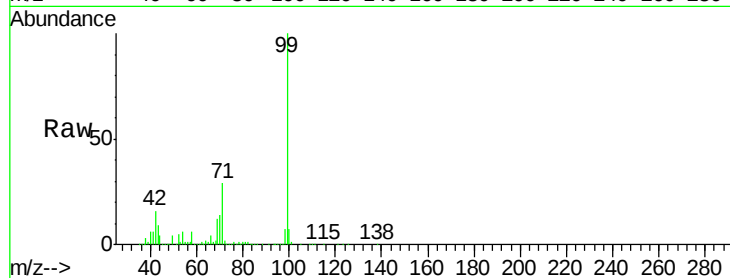
Tot Ion: 99 Resp: 813115

Ion Ratio Lower Upper

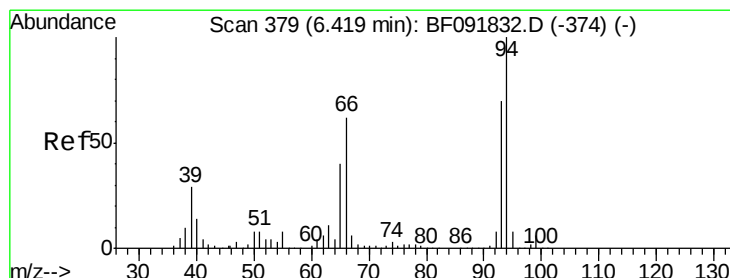
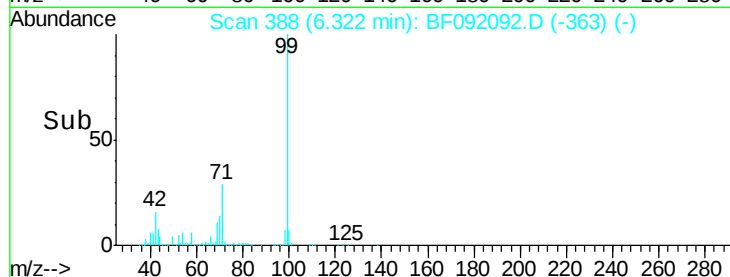
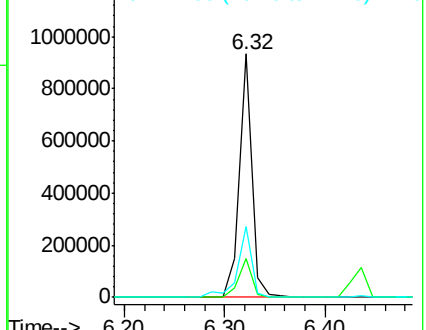
99 100

42 16.0 15.6 23.4

71 29.3 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: 2.08 ng

RT: 6.33 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF092092.D

Acq: 5 Jan 2017 2:27

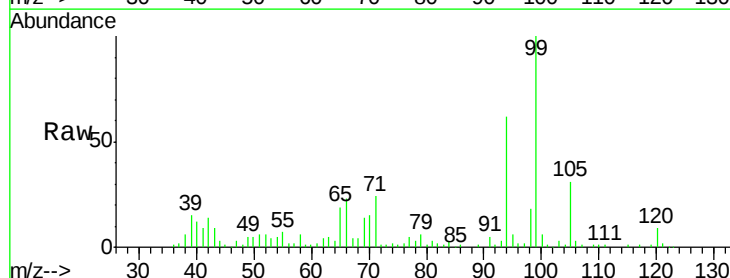
Tgt Ion: 94 Resp: 44892

Ion Ratio Lower Upper

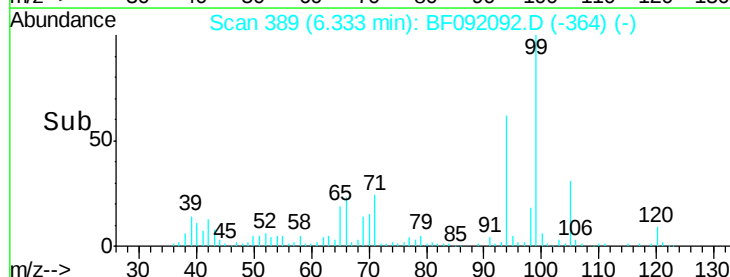
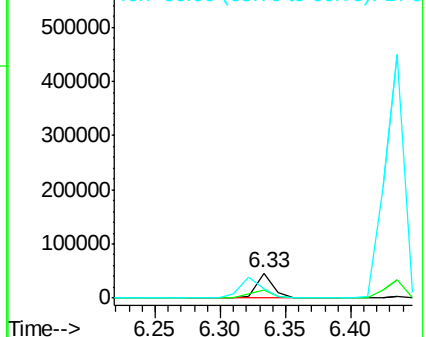
94 100

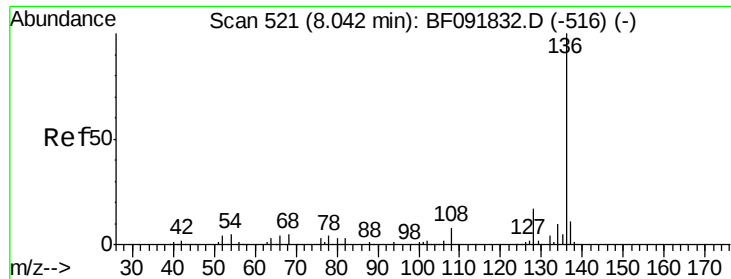
65 30.7 21.4 61.4

66 36.4 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

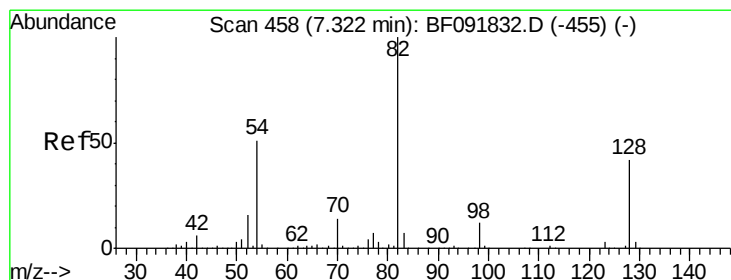
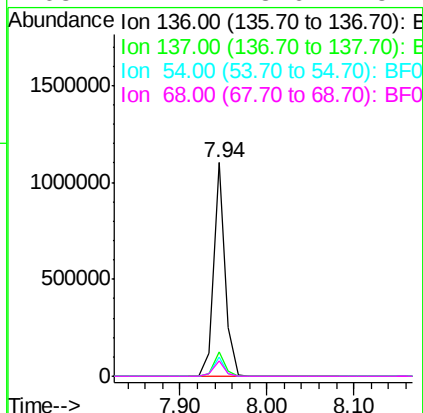
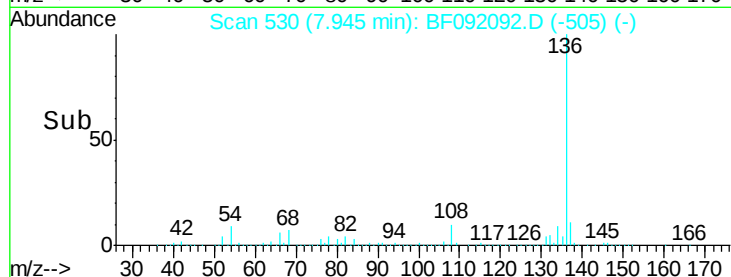
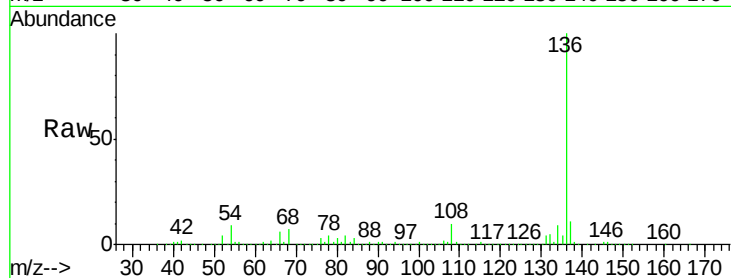




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.94 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF092092.D
Acq: 5 Jan 2017 2:27

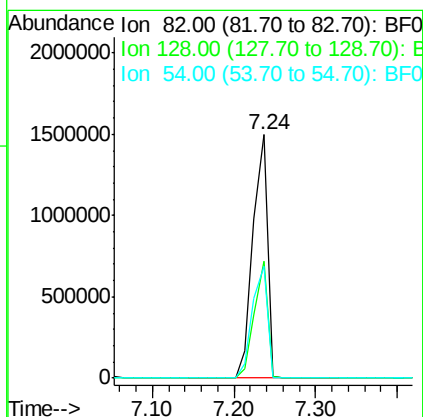
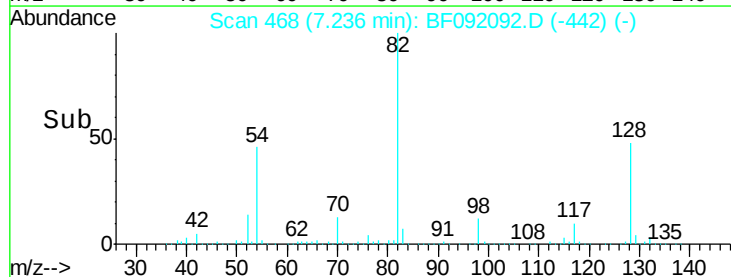
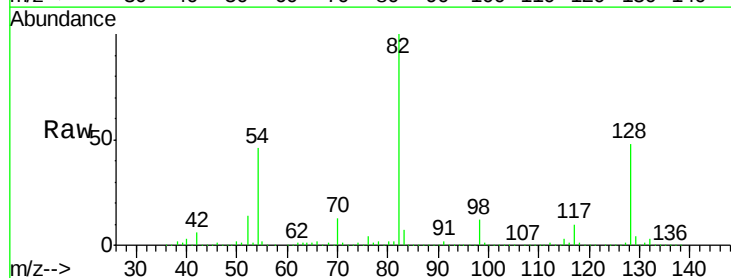
Instrument :
BNA_F
ClientSampleId :
MW-04

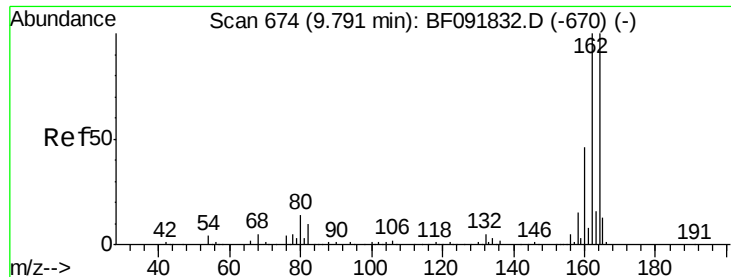
Tot Ion:136 Resp: 1021007
Ion Ratio Lower Upper
136 100
137 11.4 8.4 12.6
54 9.0 4.5 6.7#
68 7.4 3.6 5.4#



#23
Nitrobenzene-d5
Concen: 99.98 ng
RT: 7.24 min Scan# 468
Delta R.T. -0.00 min
Lab File: BF092092.D
Acq: 5 Jan 2017 2:27

Tgt Ion: 82 Resp: 1835727
Ion Ratio Lower Upper
82 100
128 47.8 34.6 52.0
54 45.9 39.5 59.3





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.69 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF092092.D

Acq: 5 Jan 2017 2:27

Instrument :

BNA_F

ClientSampleId :

MW-04

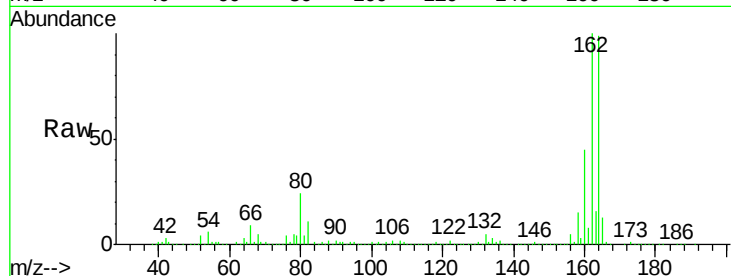
Tot Ion:164 Resp: 520735

Ion Ratio Lower Upper

164 100

162 100.6 80.2 120.2

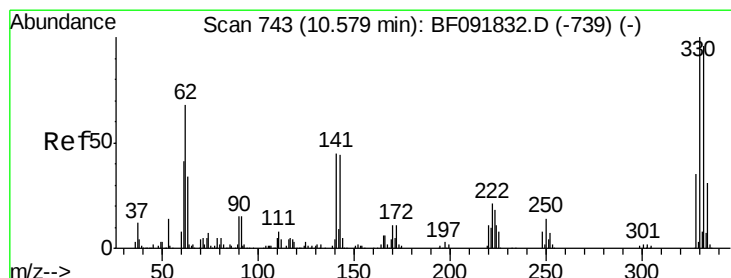
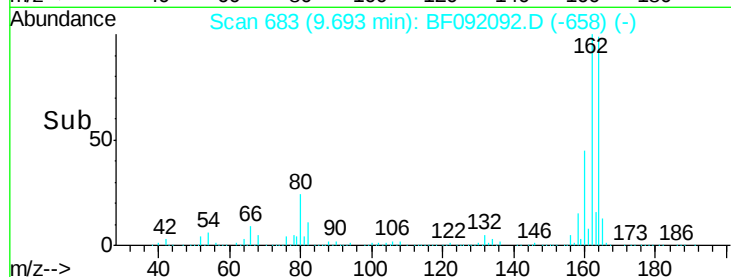
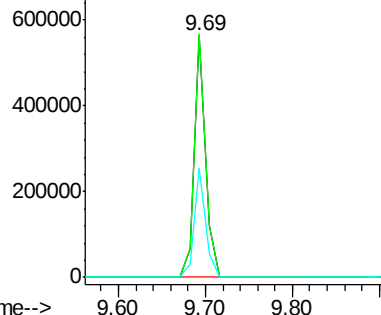
160 45.1 36.9 55.3



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: 137.55 ng

RT: 10.49 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF092092.D

Acq: 5 Jan 2017 2:27

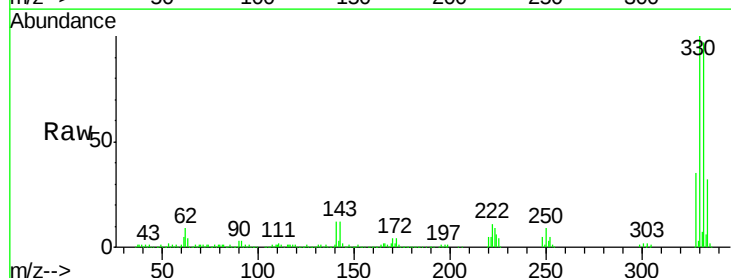
Tgt Ion:330 Resp: 592750

Ion Ratio Lower Upper

330 100

332 95.2 77.4 116.2

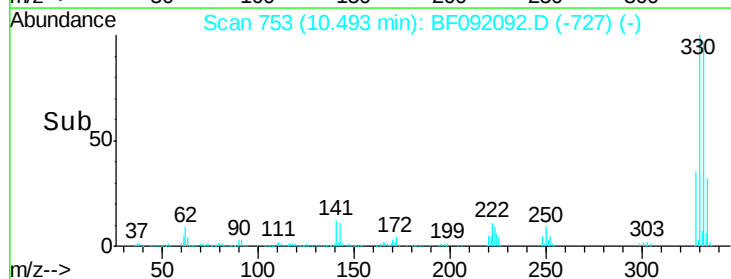
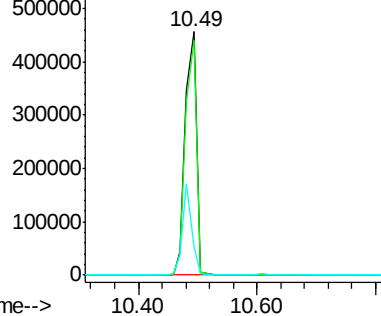
141 31.3 34.1 51.1#

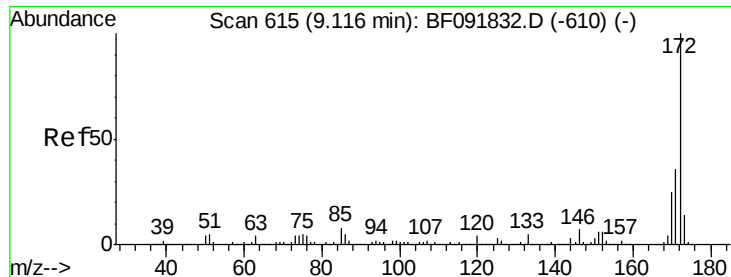


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



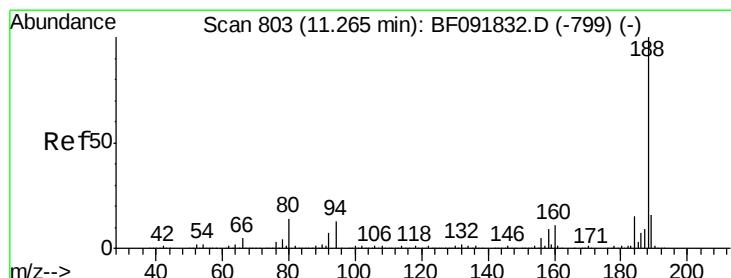
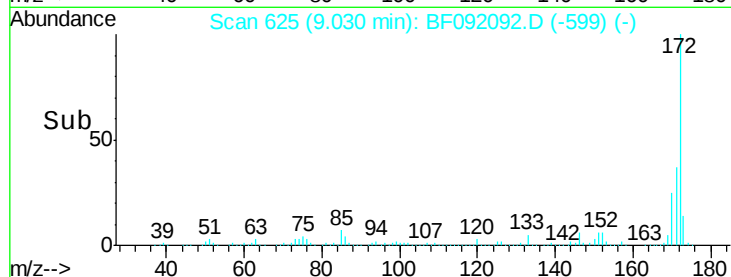
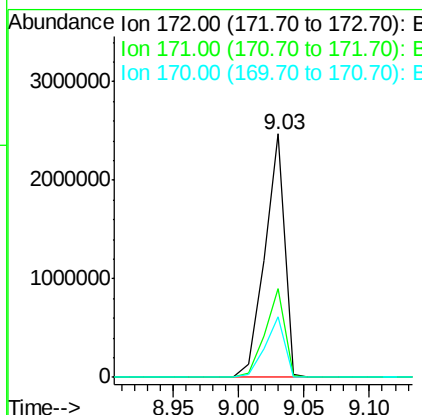
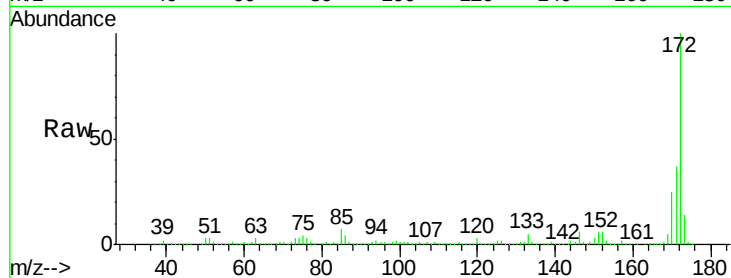


#44
 2-Fluorobiphenyl
 Concen: 106.89 ng
 RT: 9.03 min Scan# 625
 Delta R.T. -0.00 min
 Lab File: BF092092.D
 Acq: 5 Jan 2017 2:27

Instrument :
 BNA_F
 ClientSampleId :
 MW-04

Tot Ion:172 Resp: 2632111

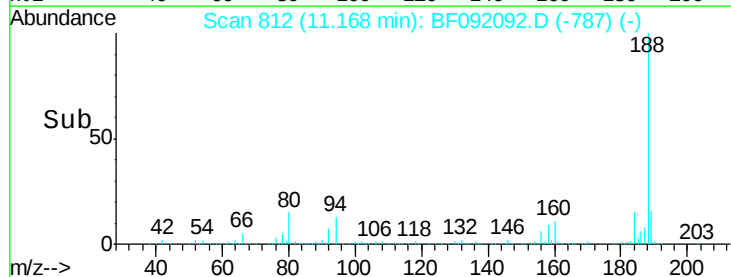
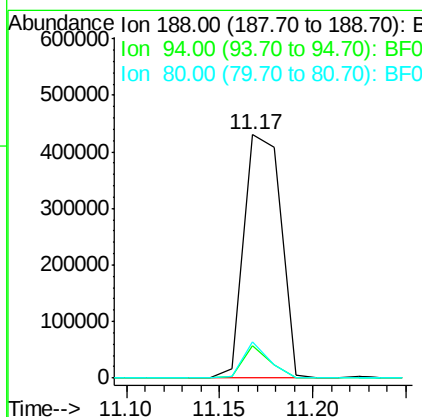
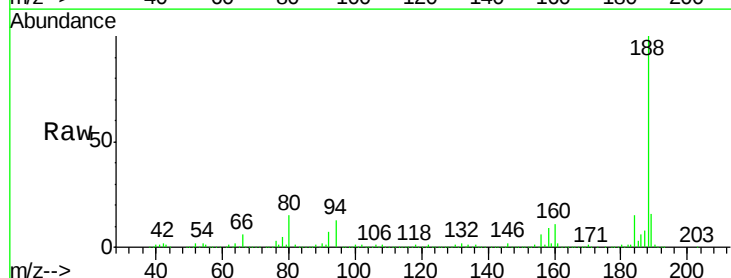
Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.4	44.0
170	25.1	20.2	30.4

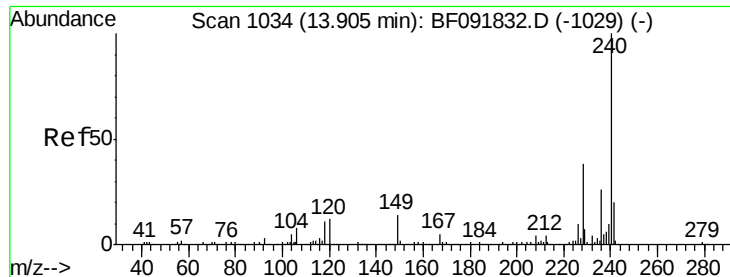


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.17 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF092092.D
 Acq: 5 Jan 2017 2:27

Tgt Ion:188 Resp: 591459

Ion	Ratio	Lower	Upper
188	100		
94	13.4	10.0	15.0
80	15.0	11.2	16.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.80 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BF092092.D

Acq: 5 Jan 2017 2:27

Instrument :

BNA_F

ClientSampled :

MW-04

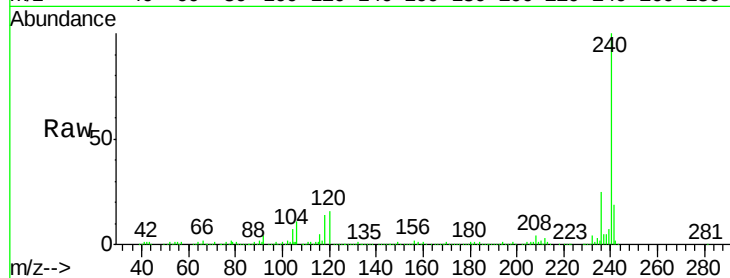
Tot Ion:240 Resp: 479045

Ion Ratio Lower Upper

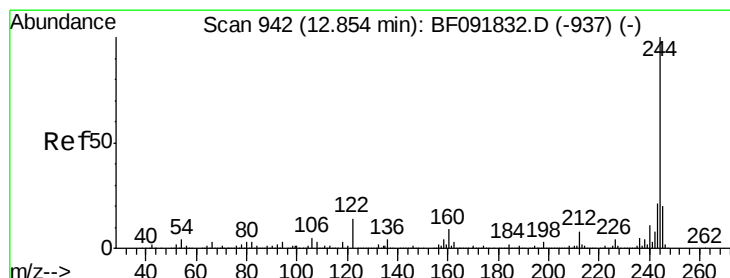
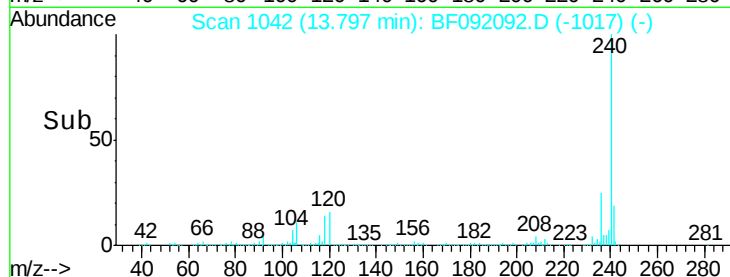
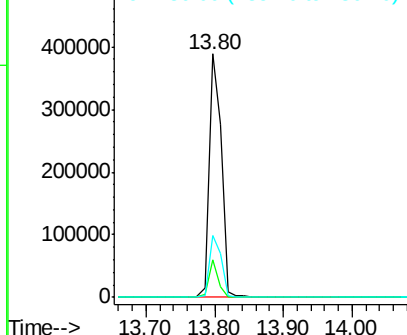
240 100

120 15.6 12.9 19.3

236 25.2 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: 91.67 ng

RT: 12.77 min Scan# 952

Delta R.T. -0.00 min

Lab File: BF092092.D

Acq: 5 Jan 2017 2:27

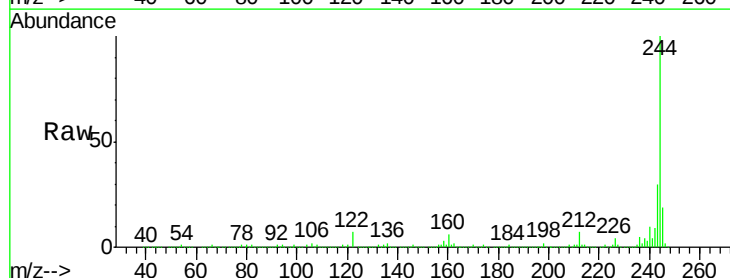
Tgt Ion:244 Resp: 1810774

Ion Ratio Lower Upper

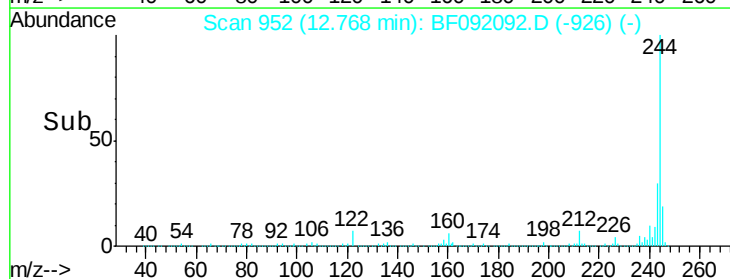
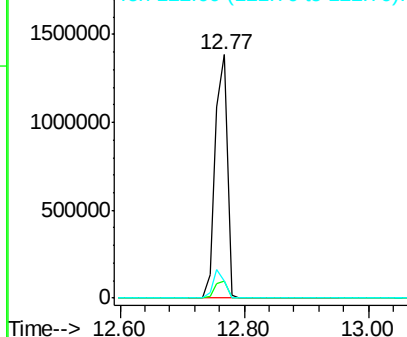
244 100

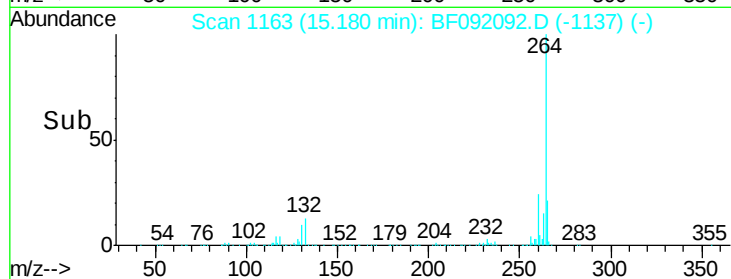
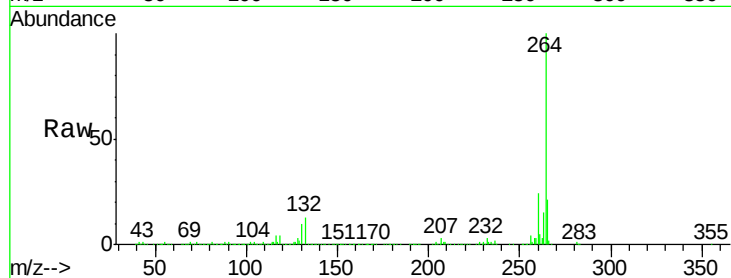
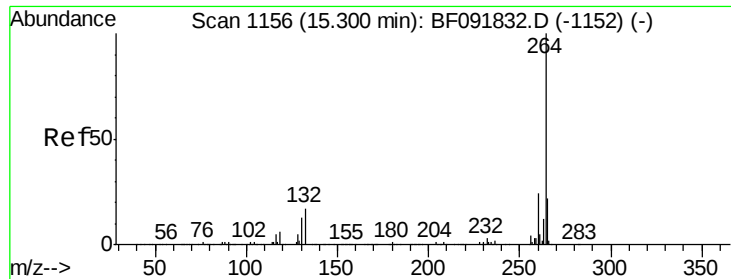
212 6.8 6.2 9.2

122 7.0 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: 15.18 min Scan# 1163
 Delta R.T. -0.00 min
 Lab File: BF092092.D
 Acq: 5 Jan 2017 2:27

Instrument :
 BNA_F
 ClientSampleId :
 MW-04

Tot Ion:	264	Resp:	416239
Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	20.8	17.4	26.0

