

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010417\
 Data File : BF092084.D
 Acq On : 4 Jan 2017 22:46
 Operator : UM/SJ
 Sample : I1004-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-31

Quant Time: Jan 05 00:59:22 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

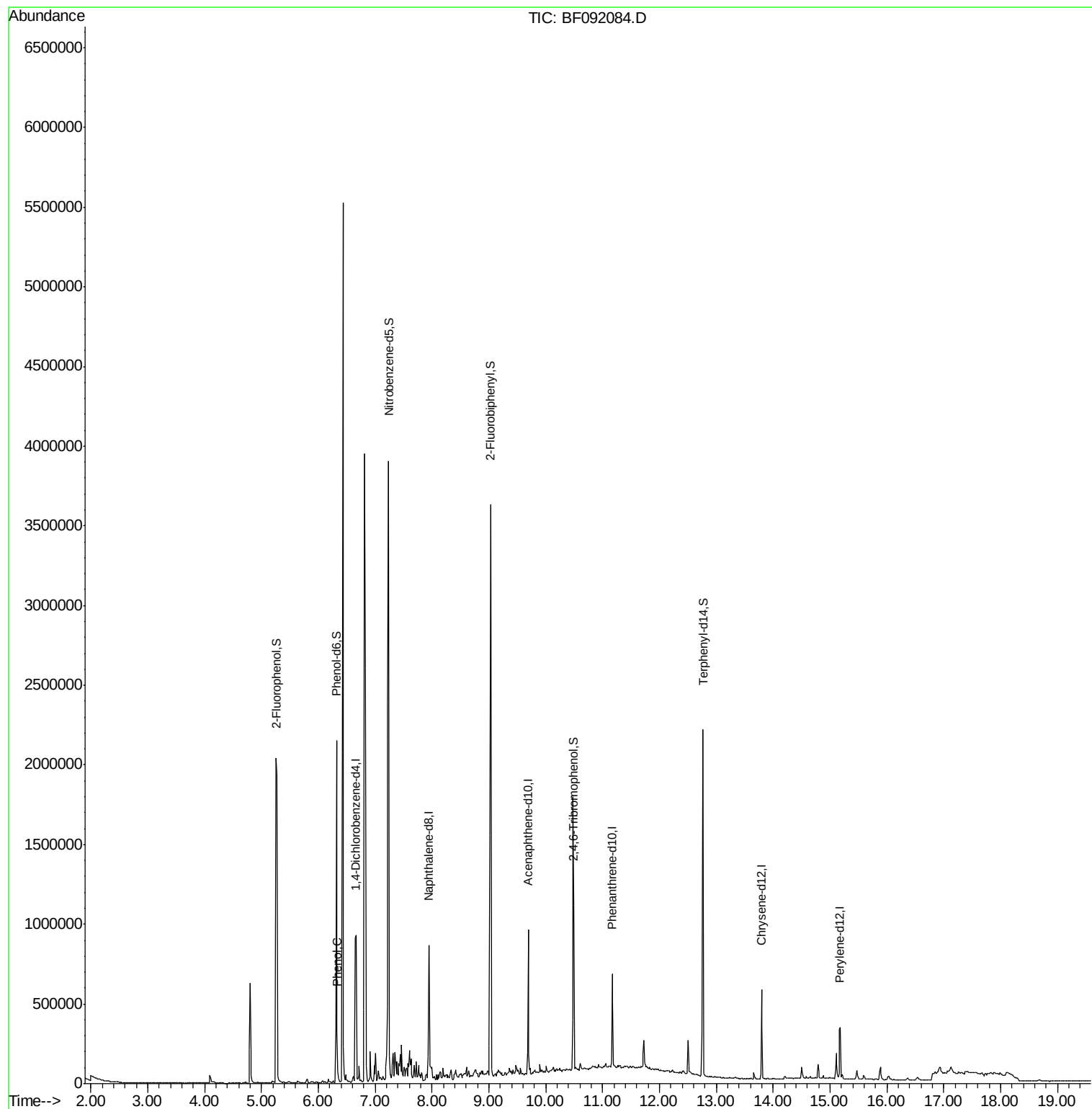
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	213617	20.00	ng	0.00
21) Naphthalene-d8	7.94	136	325942	20.00	ng	-0.01
38) Acenaphthene-d10	9.69	164	176620	20.00	ng	-0.01
63) Phenanthrene-d10	11.17	188	279276	20.00	ng	-0.01
75) Chrysene-d12	13.80	240	226171	20.00	ng	-0.01
86) Perylene-d12	15.18	264	181151	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	870574	68.05	ng	0.01
7) Phenol-d6	6.32	99	689862	44.17	ng	-0.01
23) Nitrobenzene-d5	7.24	82	1591890	271.58	ng	0.00
41) 2,4,6-Tribromophenol	10.49	330	275555	188.52	ng	0.00
44) 2-Fluorobiphenyl	9.03	172	1201724	149.14	ng	0.00
78) Terphenyl-d14	12.77	244	1044338	111.99	ng	0.00
Target Compounds						
10) Phenol	6.33	94	38595	2.17	ng	Qvalue # 73

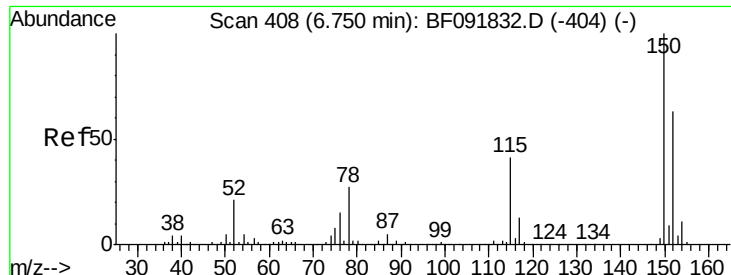
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF092084.D

Acq: 4 Jan 2017 22:46

Instrument :

BNA_F

ClientSampleId :

MW-31

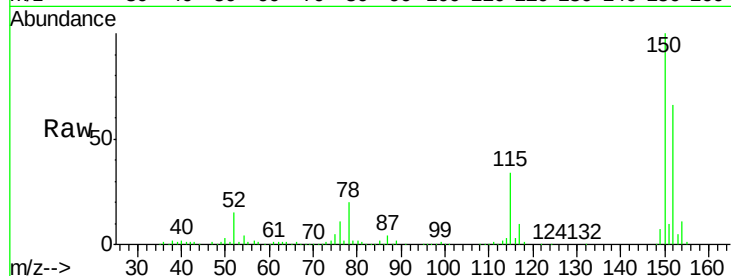
Tot Ion:152 Resp: 213617

Ion Ratio Lower Upper

152 100

150 150.8 124.9 187.3

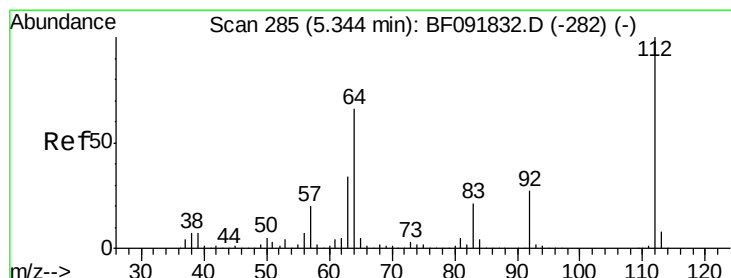
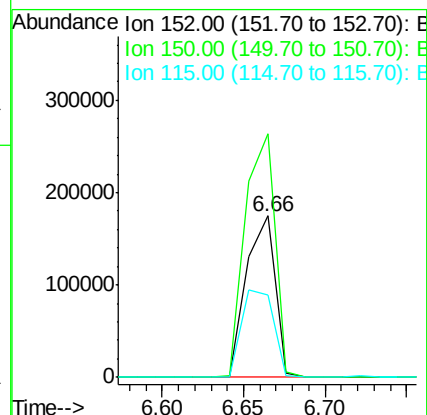
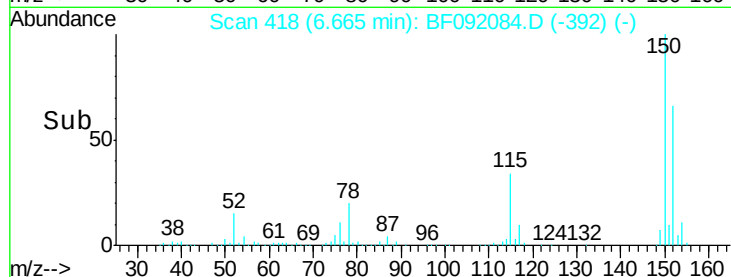
115 50.9 46.0 69.0



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: 68.05 ng

RT: 5.27 min Scan# 296

Delta R.T. 0.01 min

Lab File: BF092084.D

Acq: 4 Jan 2017 22:46

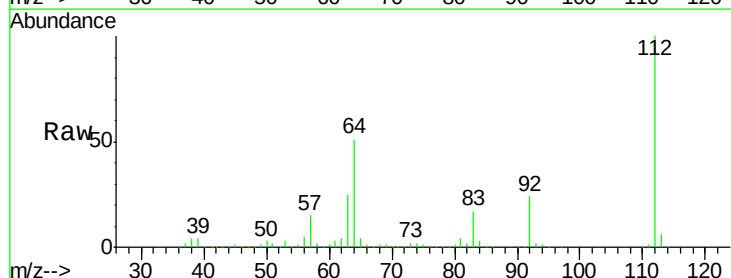
Tgt Ion:112 Resp: 870574

Ion Ratio Lower Upper

112 100

64 50.8 46.1 69.1

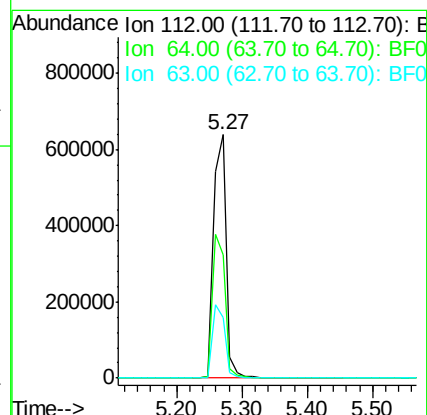
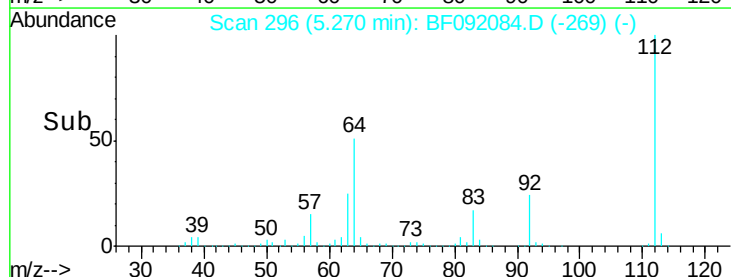
63 24.8 23.8 35.6

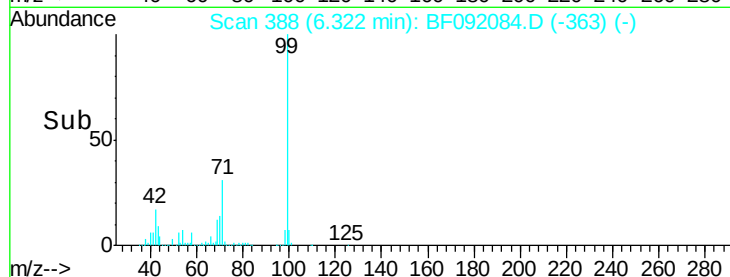
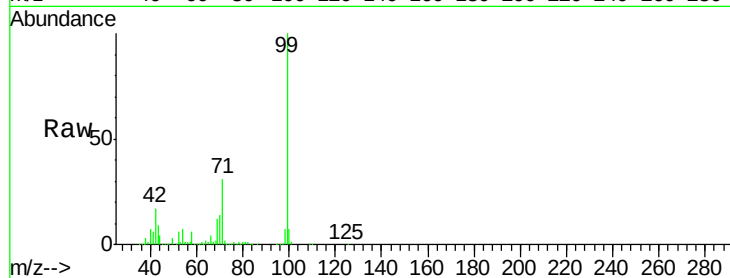
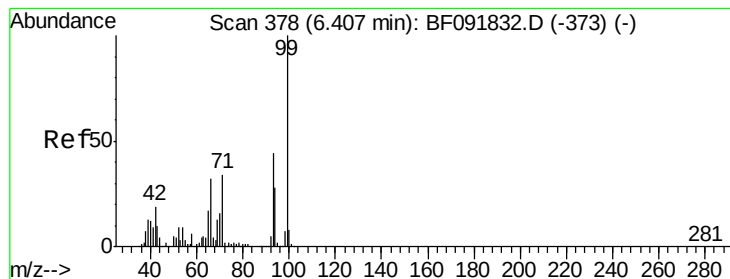


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 44.17 ng

RT: 6.32 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF092084.D

Acq: 4 Jan 2017 22:46

Instrument :

BNA_F

ClientSampleId :

MW-31

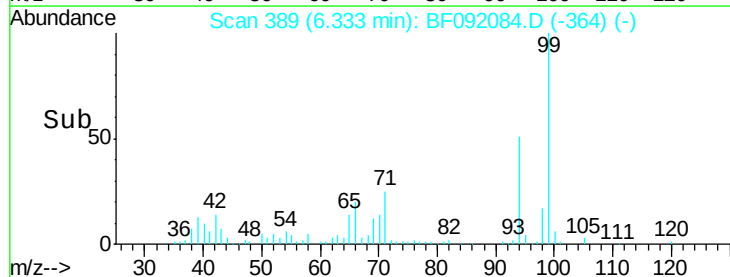
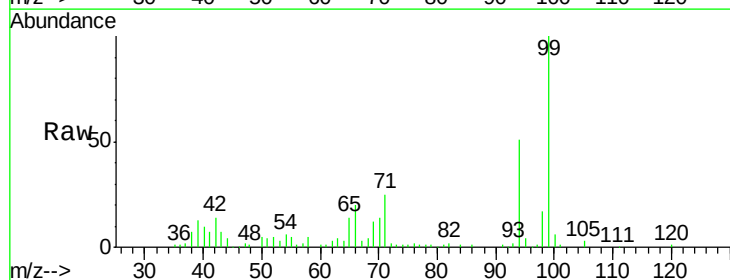
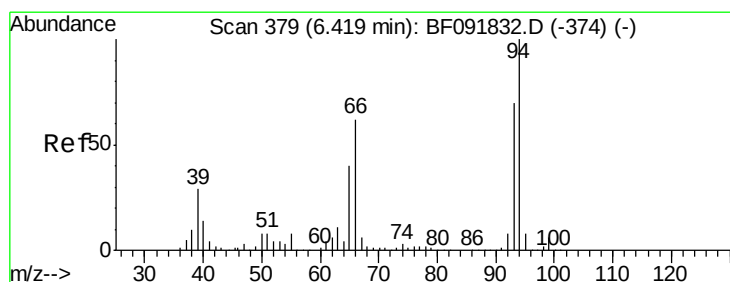
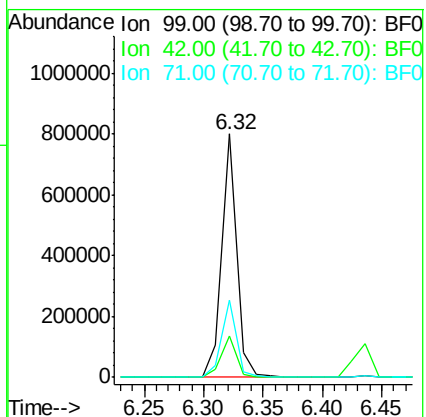
Tot Ion: 99 Resp: 689862

Ion Ratio Lower Upper

99 100

42 17.2 15.6 23.4

71 31.5 27.5 41.3



#10

Phenol

Concen: 2.17 ng

RT: 6.33 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF092084.D

Acq: 4 Jan 2017 22:46

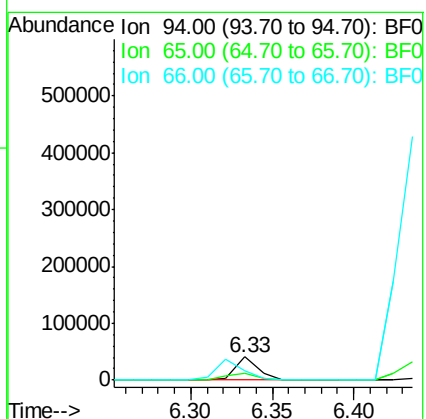
Tgt Ion: 94 Resp: 38595

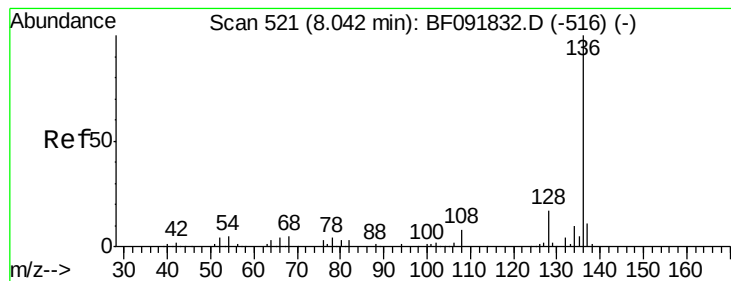
Ion Ratio Lower Upper

94 100

65 27.0 21.4 61.4

66 40.4 44.0 84.0#

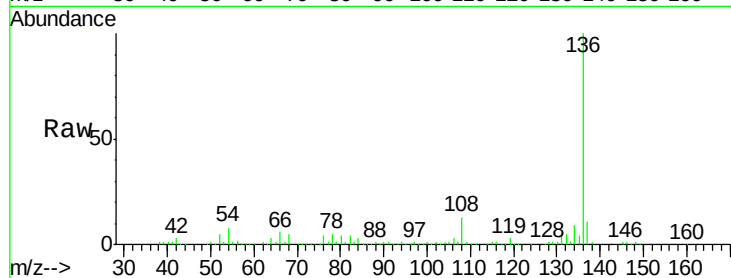




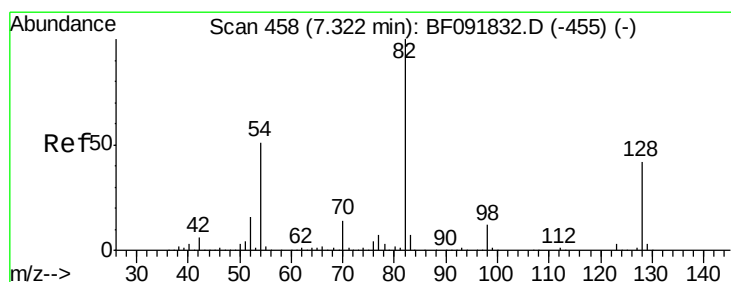
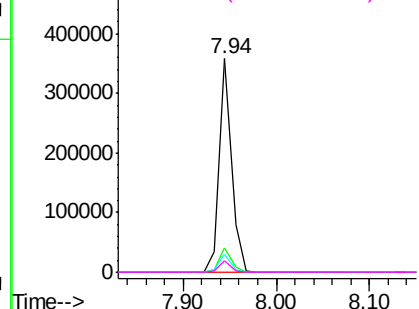
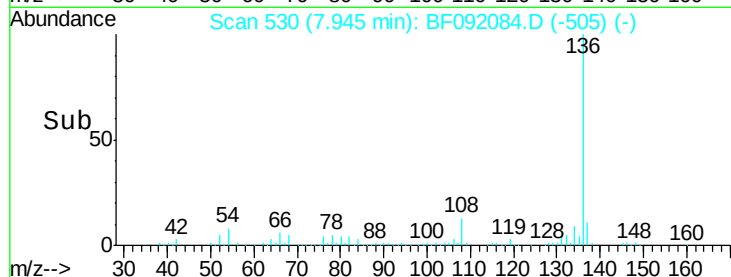
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.94 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF092084.D
Acq: 4 Jan 2017 22:46

Instrument :
BNA_F
ClientSampleId :
MW-31

Tot Ion:136	Resp:	325942
Ion	Ratio	Lower Upper
136	100	
137	11.1	8.4 12.6
54	8.4	4.5 6.7#
68	5.2	3.6 5.4

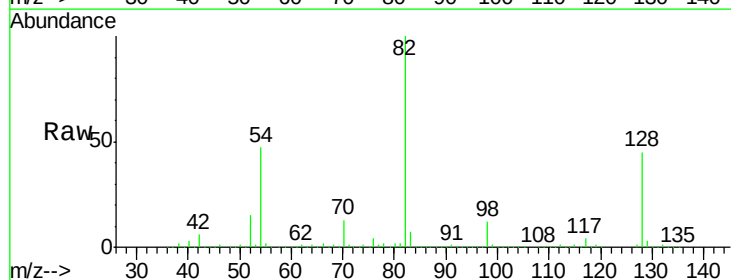


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

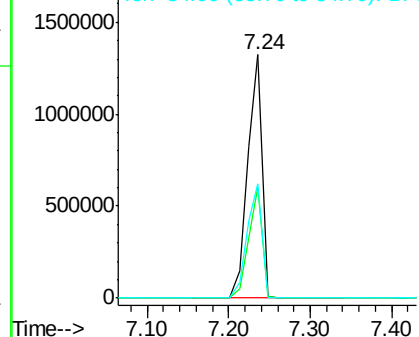
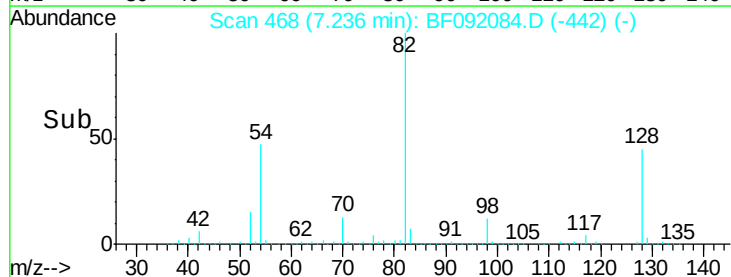


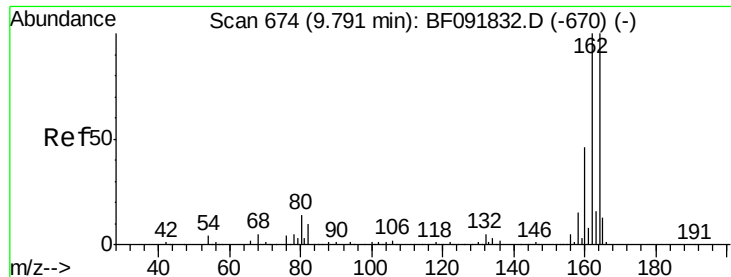
#23
Nitrobenzene-d5
Concen: 271.58 ng
RT: 7.24 min Scan# 468
Delta R.T. 0.00 min
Lab File: BF092084.D
Acq: 4 Jan 2017 22:46

Tgt Ion: 82	Resp:	1591890
Ion	Ratio	Lower Upper
82	100	
128	45.4	34.6 52.0
54	47.1	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: 9.69 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF092084.D

Acq: 4 Jan 2017 22:46

Instrument :

BNA_F

ClientSampleId :

MW-31

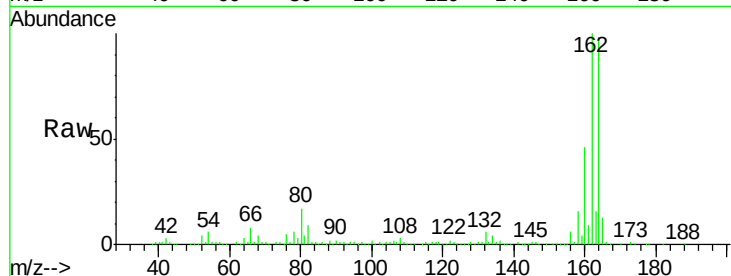
Tot Ion:164 Resp: 176620

Ion Ratio Lower Upper

164 100

162 102.2 80.2 120.2

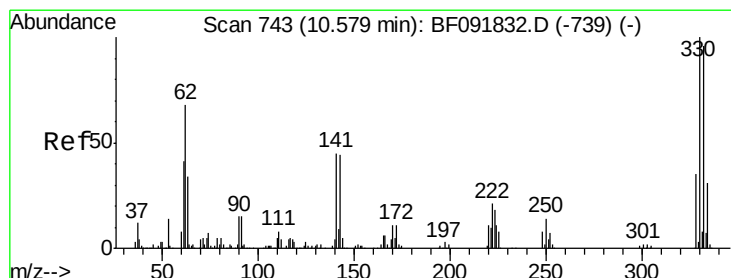
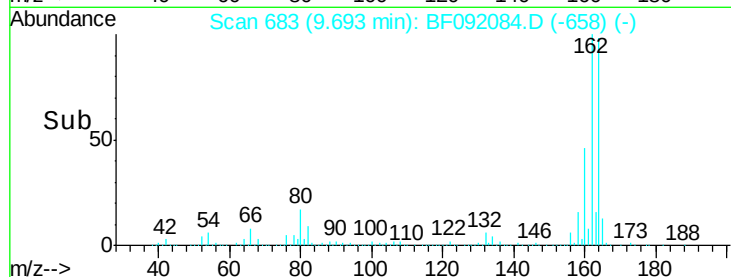
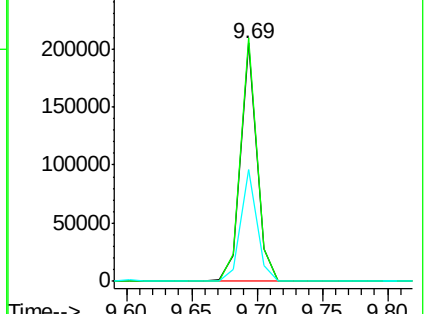
160 47.2 36.9 55.3



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: 188.52 ng

RT: 10.49 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF092084.D

Acq: 4 Jan 2017 22:46

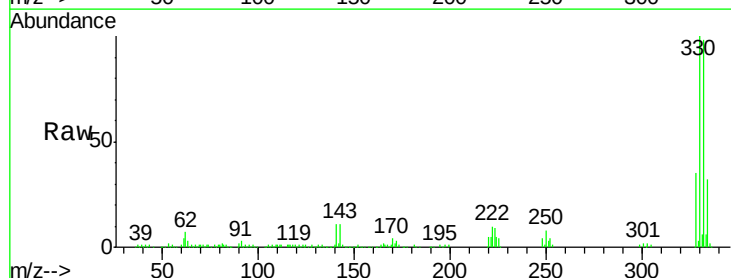
Tgt Ion:330 Resp: 275555

Ion Ratio Lower Upper

330 100

332 97.8 77.4 116.2

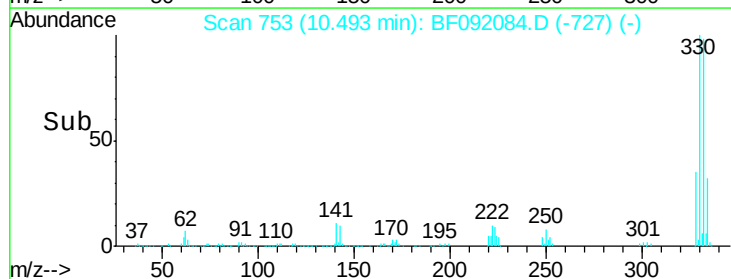
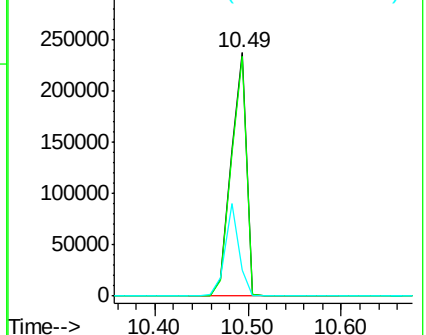
141 34.7 34.1 51.1

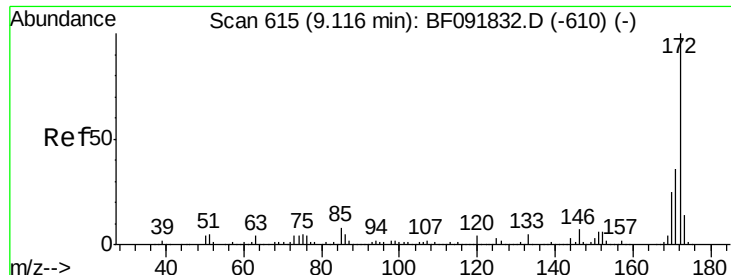


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



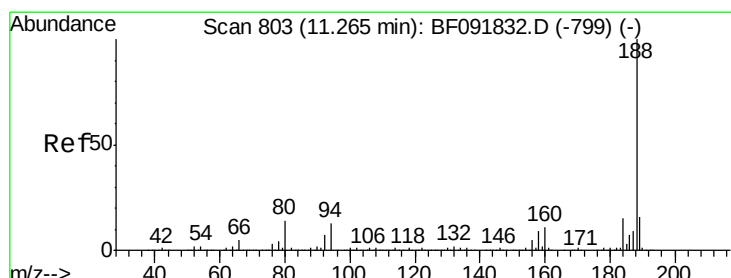
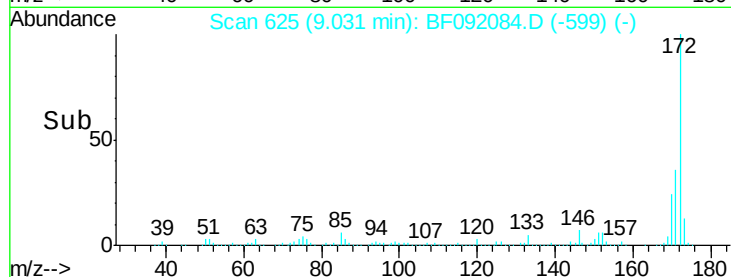
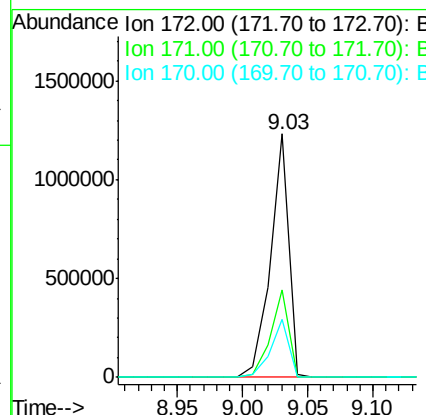
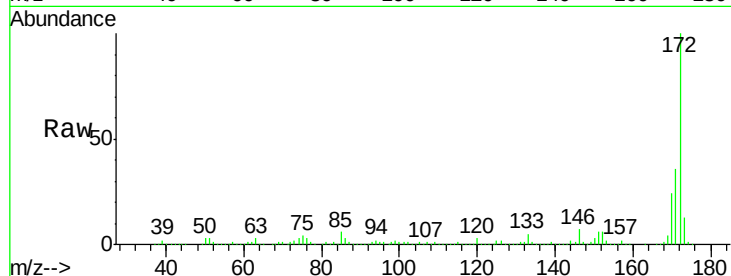


#44
 2-Fluorobiphenyl
 Concen: 149.14 ng
 RT: 9.03 min Scan# 625
 Delta R.T. 0.00 min
 Lab File: BF092084.D
 Acq: 4 Jan 2017 22:46

Instrument :
 BNA_F
 ClientSampleId :
 MW-31

Tot Ion:172 Resp: 1201724

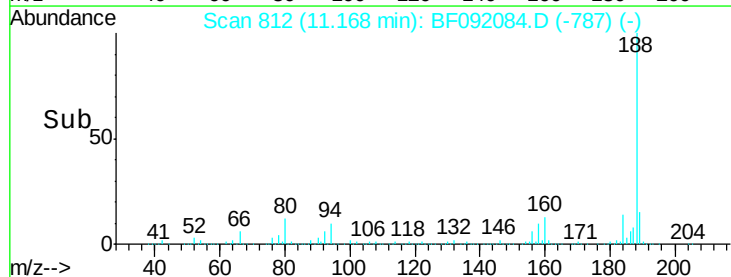
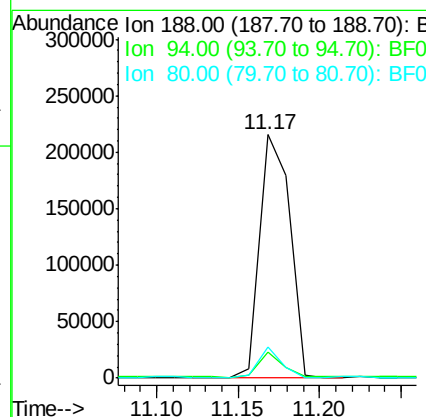
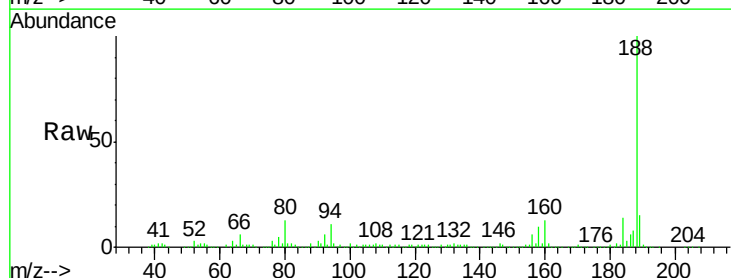
Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.4	44.0
170	24.1	20.2	30.4

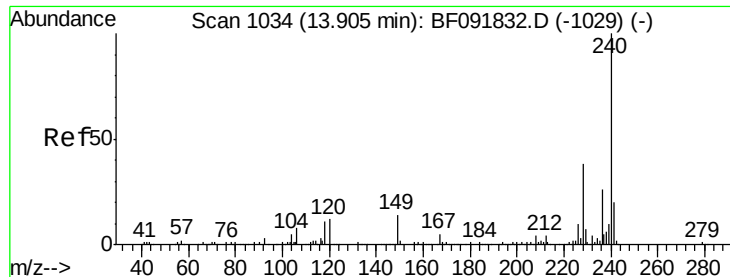


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.17 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF092084.D
 Acq: 4 Jan 2017 22:46

Tgt Ion:188 Resp: 279276

Ion	Ratio	Lower	Upper
188	100		
94	10.8	10.0	15.0
80	12.8	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: BF092084.D

Acq: 4 Jan 2017 22:46

Instrument :

BNA_F

ClientSampleId :

MW-31

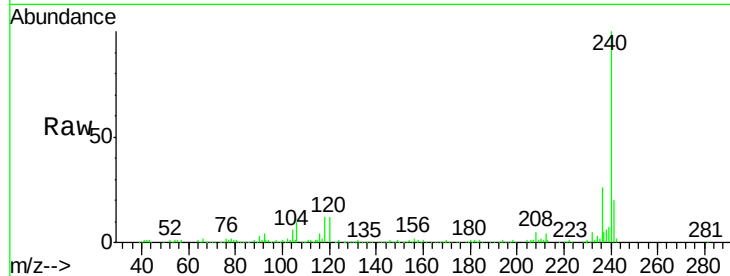
Tot Ion:240 Resp: 226171

Ion Ratio Lower Upper

240 100

120 12.3 12.9 19.3#

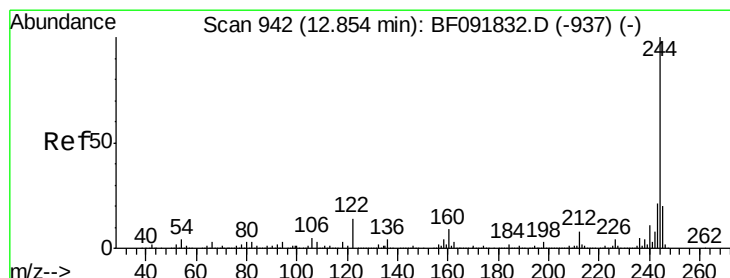
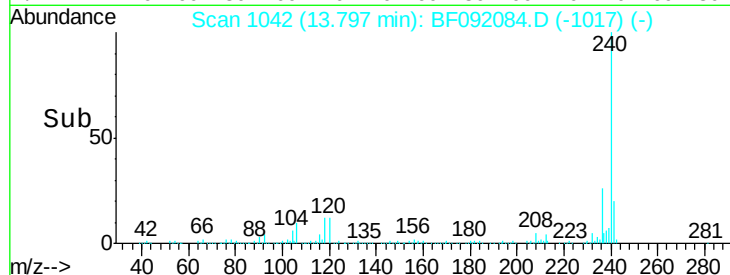
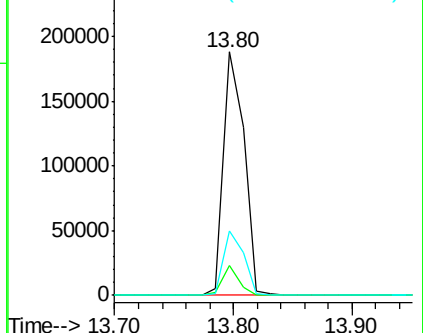
236 26.4 20.9 31.3



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: 111.99 ng

RT: 12.77 min Scan# 952

Delta R.T. 0.00 min

Lab File: BF092084.D

Acq: 4 Jan 2017 22:46

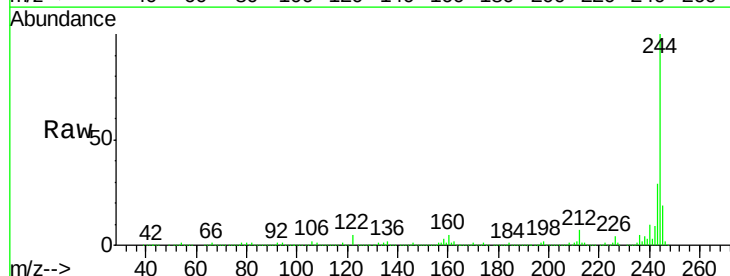
Tgt Ion:244 Resp: 1044338

Ion Ratio Lower Upper

244 100

212 6.6 6.2 9.2

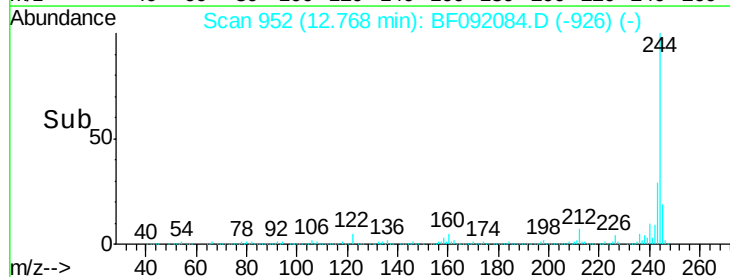
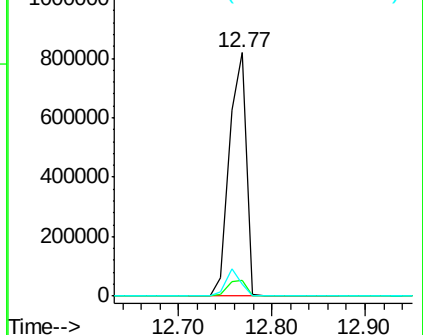
122 5.1 11.4 17.2#

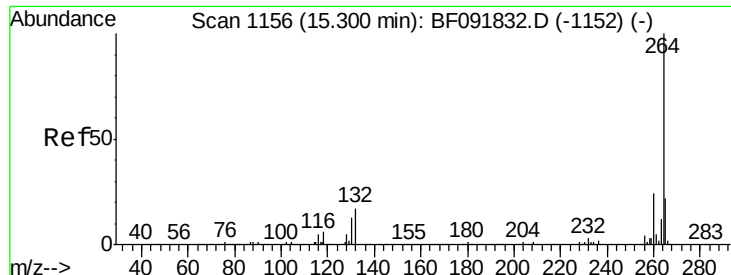


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

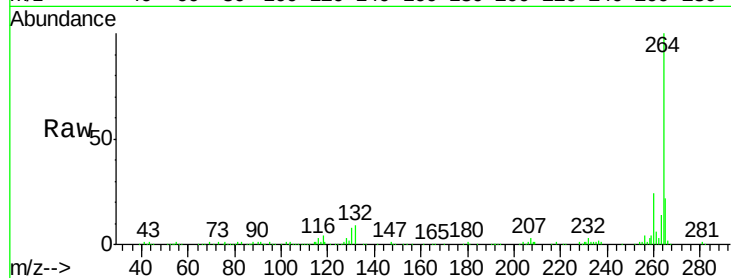




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.18 min Scan# 1163
Delta R.T. 0.00 min
Lab File: BF092084.D
Acq: 4 Jan 2017 22:46

Instrument :
BNA_F
ClientSampleId :
MW-31

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.7	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

