

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010417\
 Data File : BF092085.D
 Acq On : 4 Jan 2017 23:14
 Operator : UM/SJ
 Sample : I1004-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-23

Quant Time: Jan 05 01:10:51 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

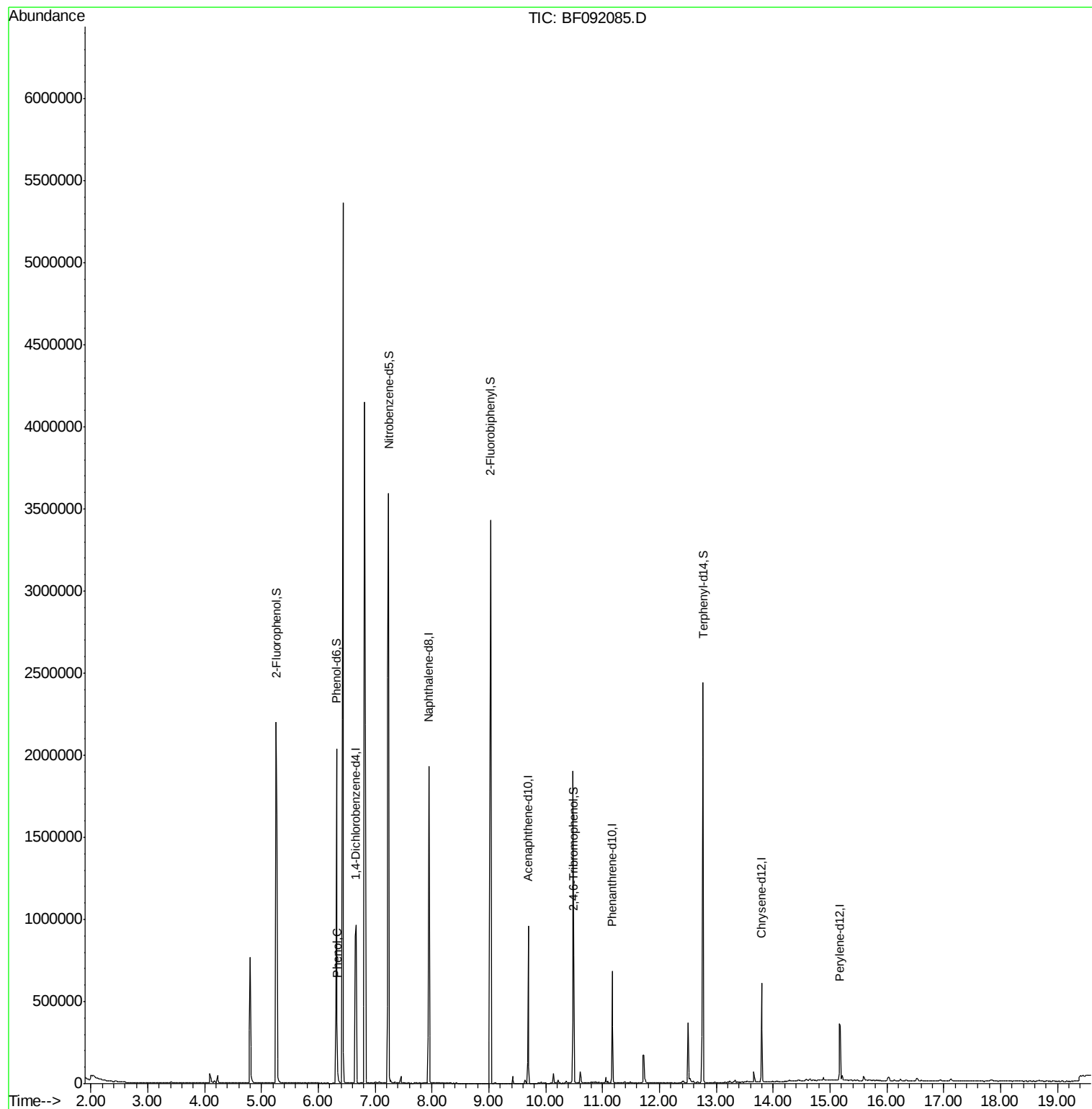
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	219074	20.00	ng	0.00
21) Naphthalene-d8	7.94	136	861835	20.00	ng	-0.01
38) Acenaphthene-d10	9.69	164	191268	20.00	ng	-0.01
63) Phenanthrene-d10	11.17	188	289374	20.00	ng	-0.01
75) Chrysene-d12	13.80	240	240617	20.00	ng	-0.01
86) Perylene-d12	15.18	264	198876	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	832010	63.41	ng	0.00
7) Phenol-d6	6.32	99	676491	42.23	ng	-0.01
23) Nitrobenzene-d5	7.24	82	1611739	103.99	ng	0.00
41) 2,4,6-Tribromophenol	10.49	330	268379	169.55	ng	0.00
44) 2-Fluorobiphenyl	9.03	172	1268391	144.98	ng	0.00
78) Terphenyl-d14	12.77	244	1097793	110.65	ng	0.00
Target Compounds						
10) Phenol	6.33	94	74304	4.07	ng	Qvalue # 69

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

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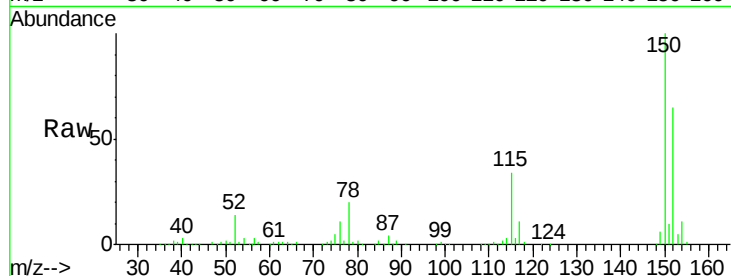




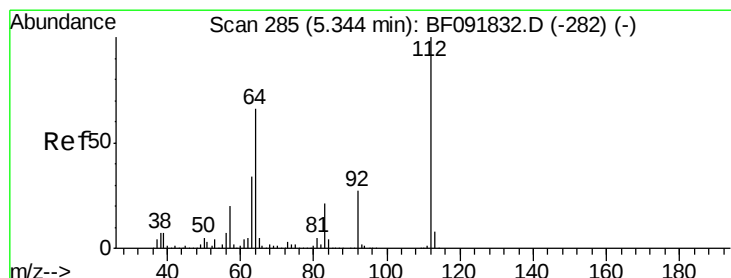
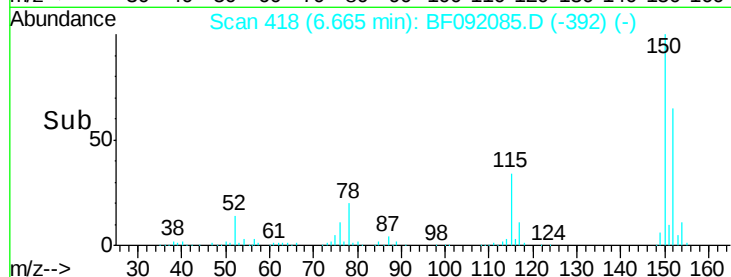
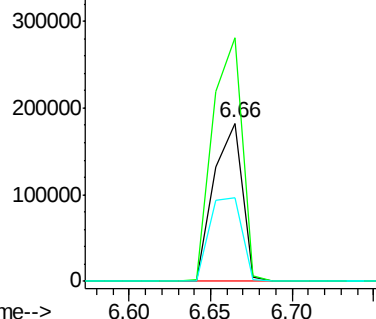
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.66 min Scan# 418
 Delta R.T. 0.00 min
 Lab File: BF092085.D
 Acq: 4 Jan 2017 23:14

Instrument :
 BNA_F
 ClientSampleId :
 MW-23

Tot Ion:152 Resp: 219074
 Ion Ratio Lower Upper
 152 100
 150 153.8 124.9 187.3
 115 52.9 46.0 69.0

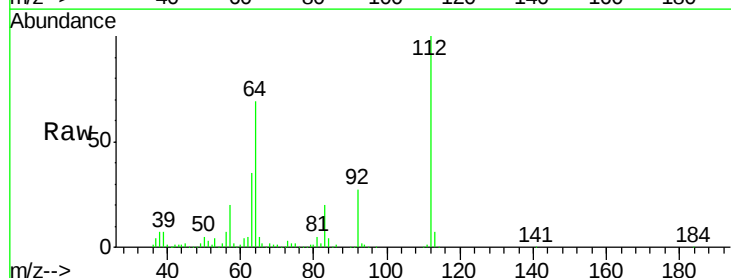


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

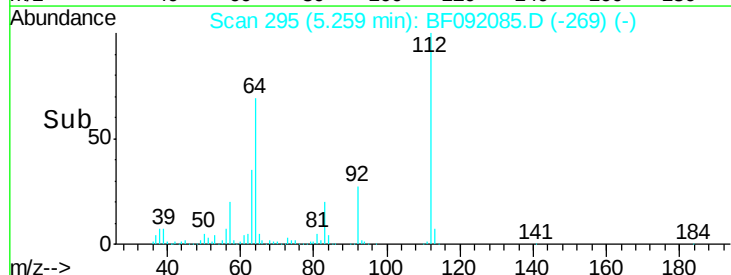
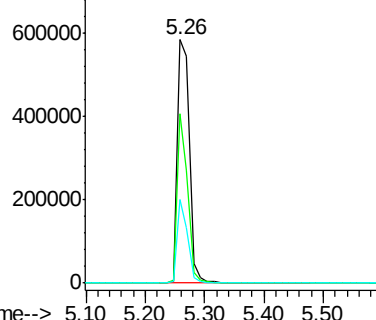


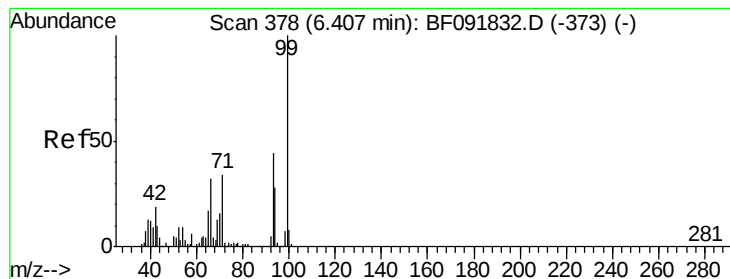
#5
 2-Fluorophenol
 Concen: 63.41 ng
 RT: 5.26 min Scan# 295
 Delta R.T. 0.00 min
 Lab File: BF092085.D
 Acq: 4 Jan 2017 23:14

Tgt Ion:112 Resp: 832010
 Ion Ratio Lower Upper
 112 100
 64 69.4 46.1 69.1#
 63 34.6 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: 42.23 ng

RT: 6.32 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF092085.D

Acq: 4 Jan 2017 23:14

Instrument :

BNA_F

ClientSampleId :

MW-23

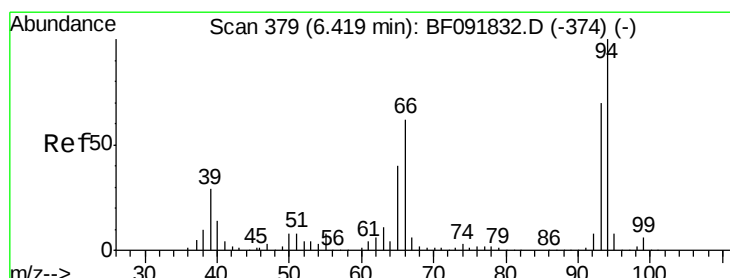
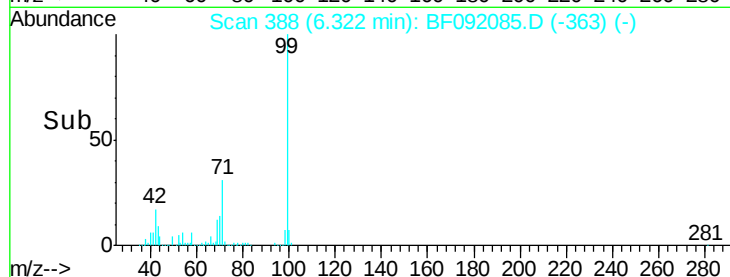
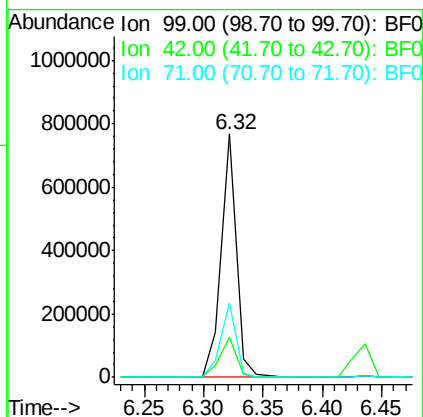
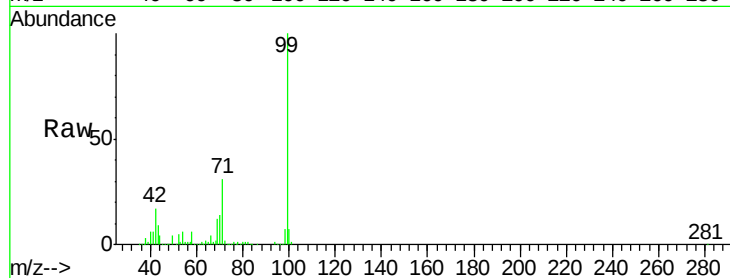
Tot Ion: 99 Resp: 676491

Ion Ratio Lower Upper

99 100

42 16.5 15.6 23.4

71 30.8 27.5 41.3



#10

Phenol

Concen: 4.07 ng

RT: 6.33 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF092085.D

Acq: 4 Jan 2017 23:14

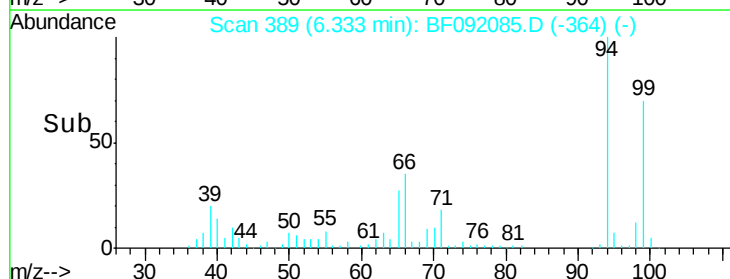
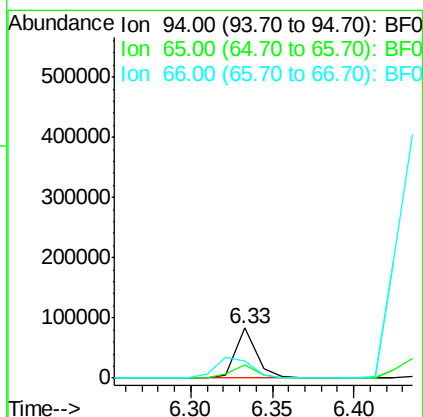
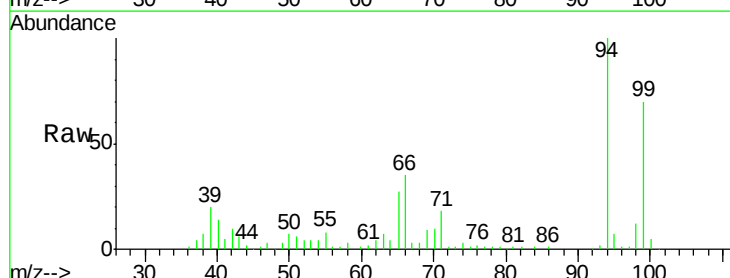
Tgt Ion: 94 Resp: 74304

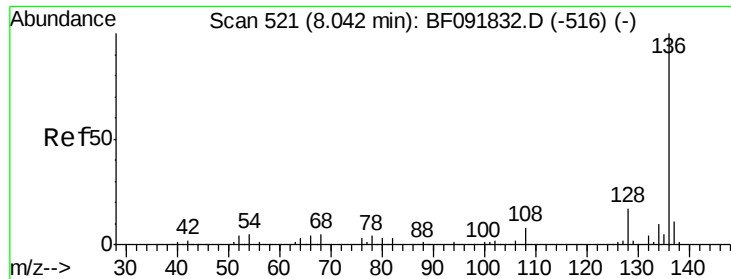
Ion Ratio Lower Upper

94 100

65 27.3 21.4 61.4

66 35.0 44.0 84.0#

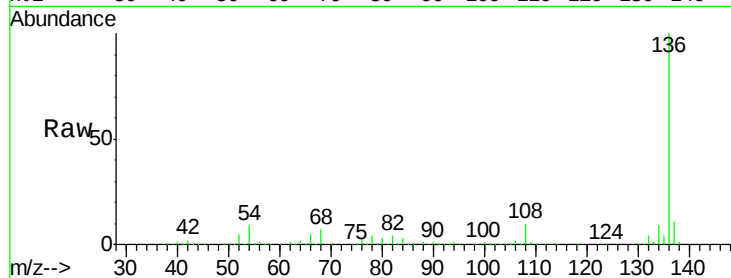




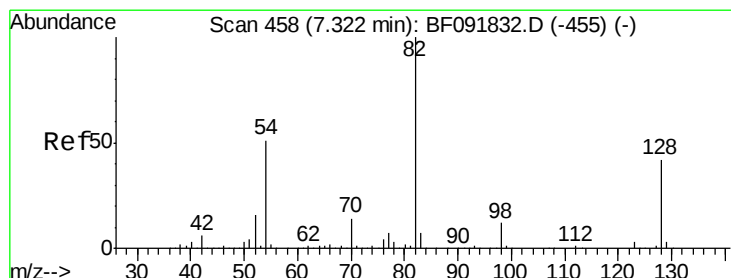
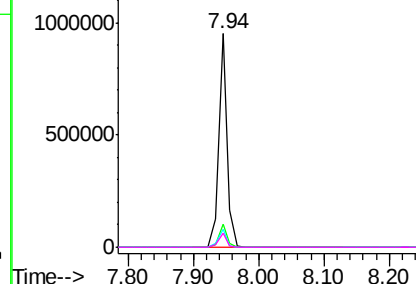
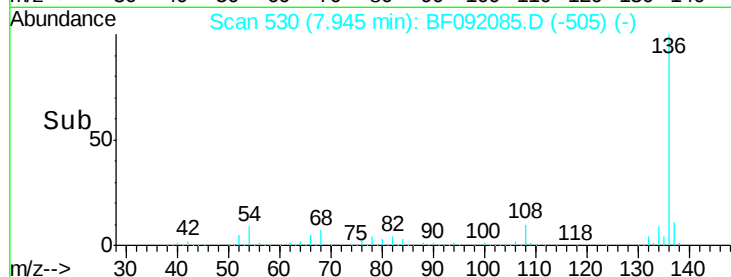
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.94 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF092085.D
Acq: 4 Jan 2017 23:14

Instrument :
BNA_F
ClientSampleId :
MW-23

Tot Ion:136	Resp:	861835
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.4 12.6
54	8.5	4.5 6.7#
68	6.7	3.6 5.4#

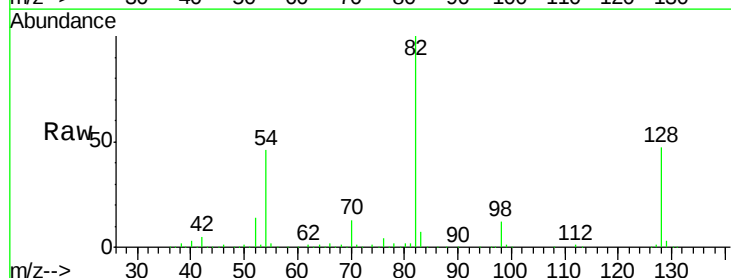


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

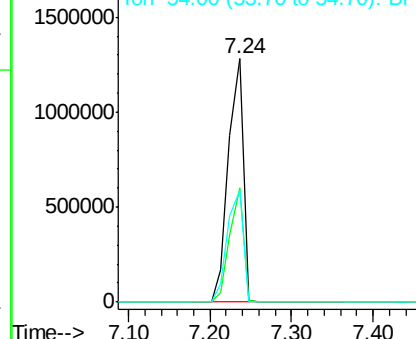
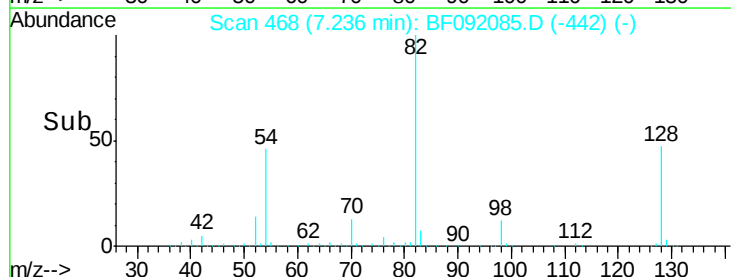


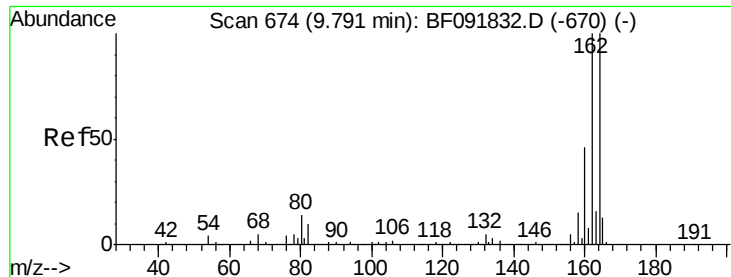
#23
Nitrobenzene-d5
Concen: 103.99 ng
RT: 7.24 min Scan# 468
Delta R.T. 0.00 min
Lab File: BF092085.D
Acq: 4 Jan 2017 23:14

Tgt Ion: 82	Resp:	1611739
Ion Ratio	Lower	Upper
82	100	
128	46.9	34.6 52.0
54	45.8	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

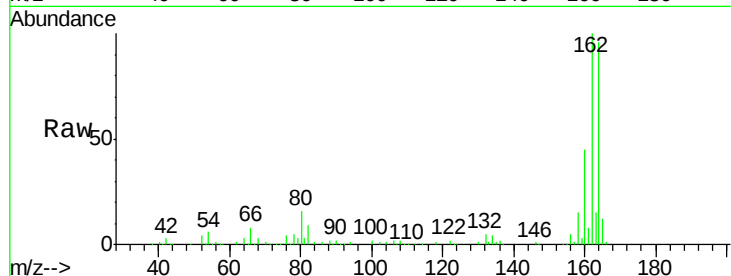




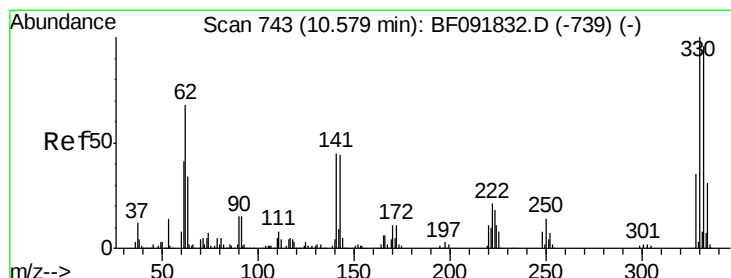
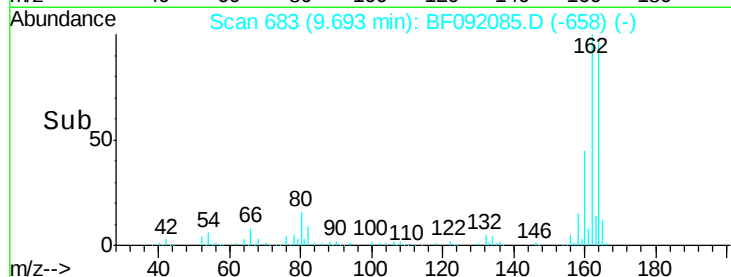
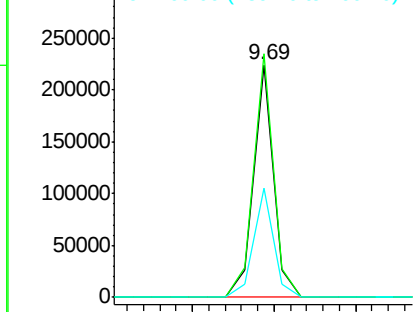
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.69 min Scan# 683
 Delta R.T. -0.01 min
 Lab File: BF092085.D
 Acq: 4 Jan 2017 23:14

Instrument :
 BNA_F
 ClientSampleId :
 MW-23

Tot Ion:164 Resp: 191268
 Ion Ratio Lower Upper
 164 100
 162 104.7 80.2 120.2
 160 47.0 36.9 55.3

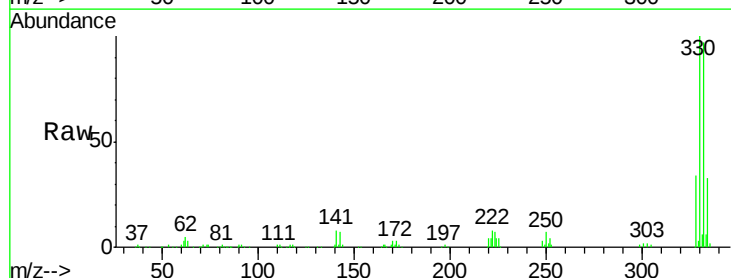


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

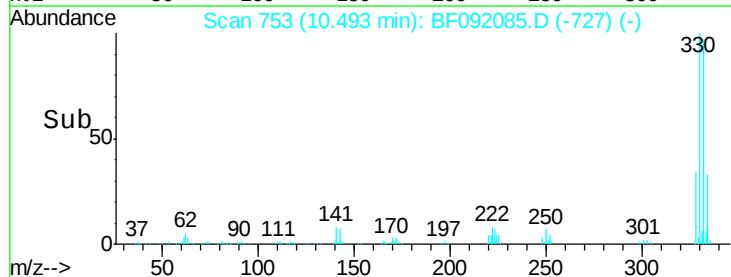
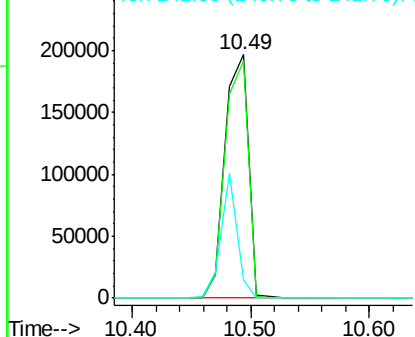


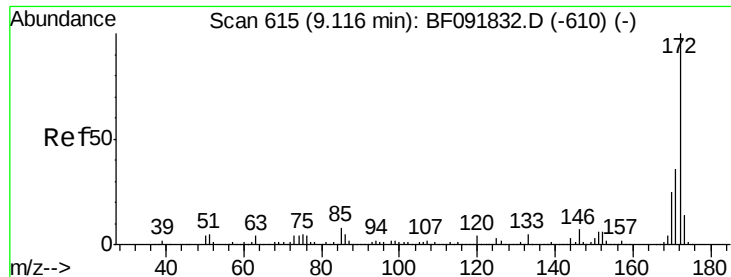
#41
 2,4,6-Tribromophenol
 Concen: 169.55 ng
 RT: 10.49 min Scan# 753
 Delta R.T. 0.00 min
 Lab File: BF092085.D
 Acq: 4 Jan 2017 23:14

Tgt Ion:330 Resp: 268379
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.4 116.2
 141 35.3 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

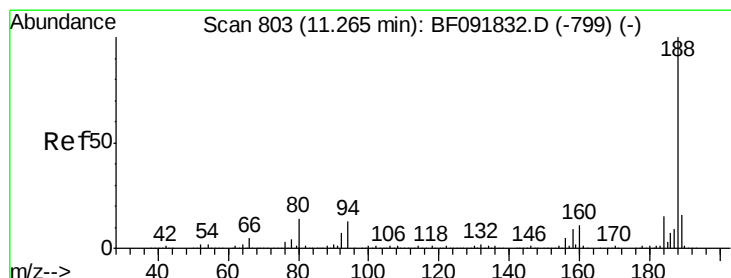
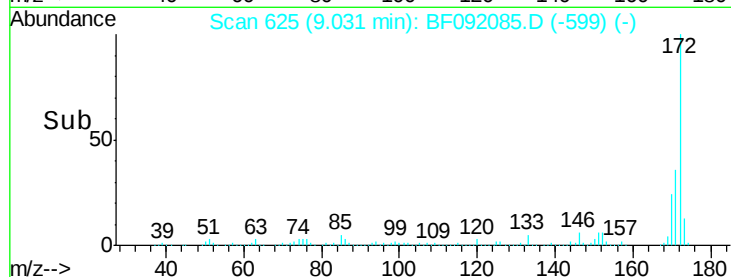
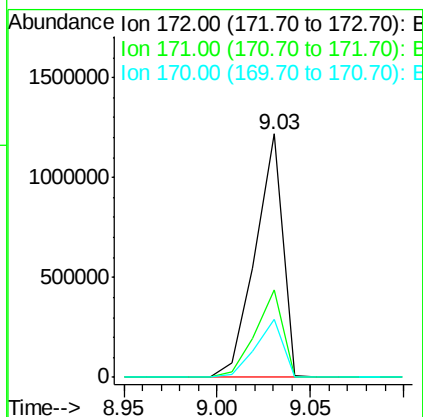
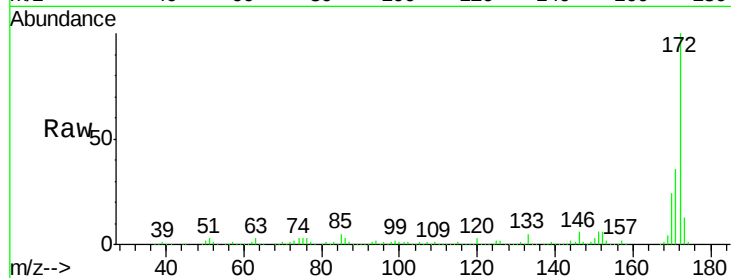




#44
 2-Fluorobiphenyl
 Concen: 144.98 ng
 RT: 9.03 min Scan# 625
 Delta R.T. 0.00 min
 Lab File: BF092085.D
 Acq: 4 Jan 2017 23:14

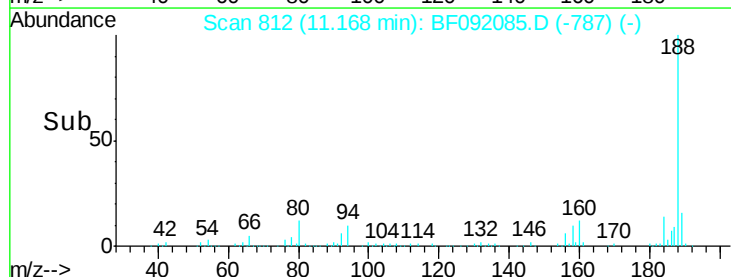
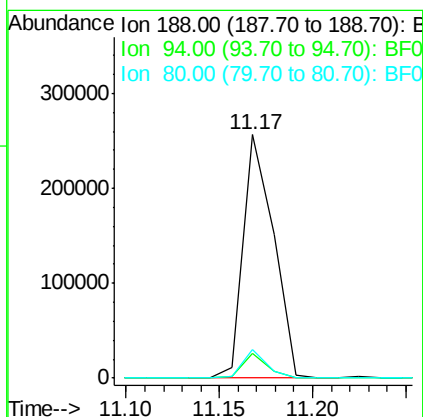
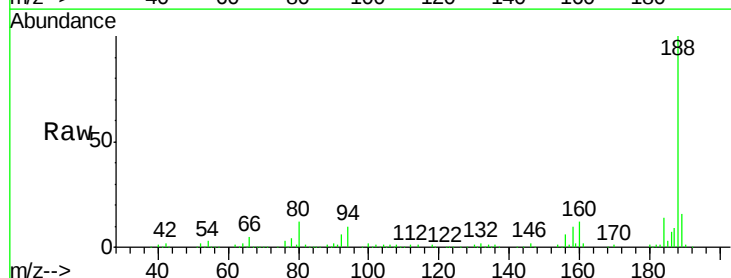
Instrument :
 BNA_F
 ClientSampleId :
 MW-23

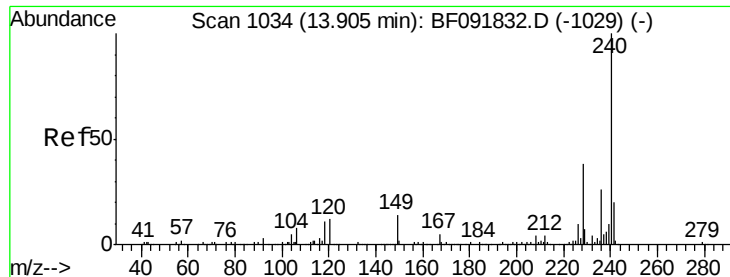
Tot Ion:172 Resp: 1268391
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.0
 170 23.9 20.2 30.4



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.17 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF092085.D
 Acq: 4 Jan 2017 23:14

Tgt Ion:188 Resp: 289374
 Ion Ratio Lower Upper
 188 100
 94 10.3 10.0 15.0
 80 11.5 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: BF092085.D

Acq: 4 Jan 2017 23:14

Instrument :

BNA_F

ClientSampleId :

MW-23

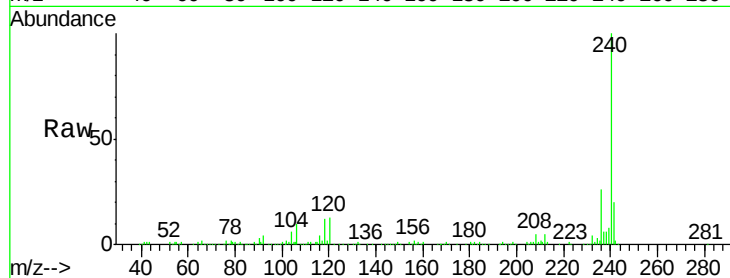
Tot Ion:240 Resp: 240617

Ion Ratio Lower Upper

240 100

120 12.7 12.9 19.3#

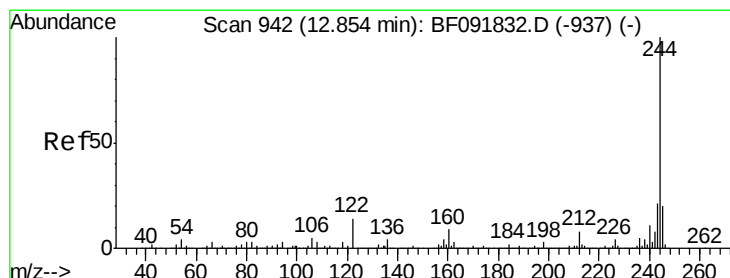
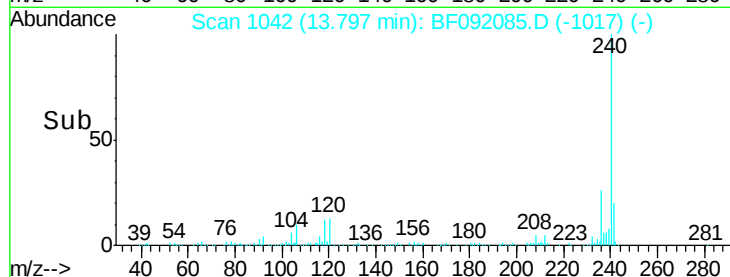
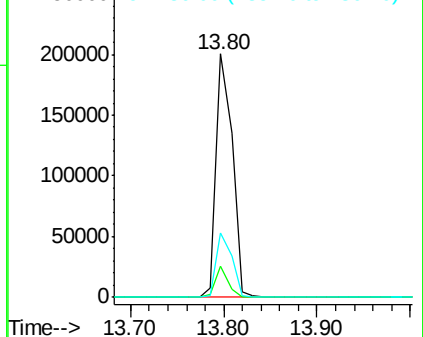
236 26.3 20.9 31.3



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: 110.65 ng

RT: 12.77 min Scan# 952

Delta R.T. 0.00 min

Lab File: BF092085.D

Acq: 4 Jan 2017 23:14

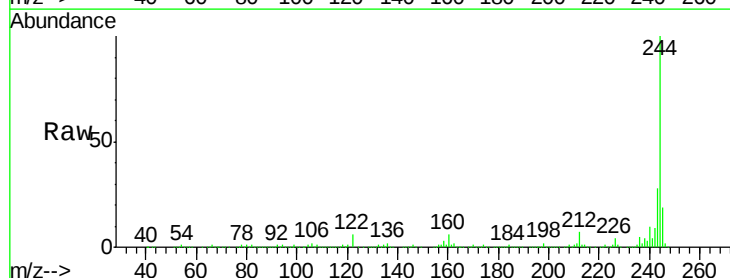
Tgt Ion:244 Resp: 1097793

Ion Ratio Lower Upper

244 100

212 6.9 6.2 9.2

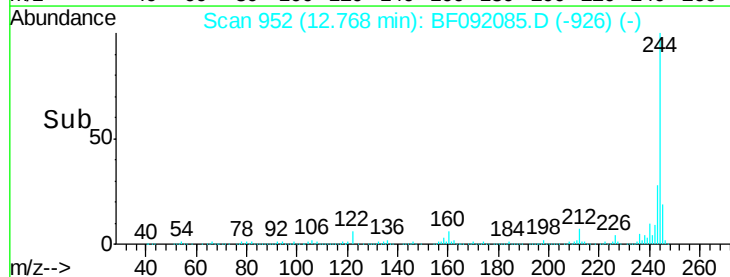
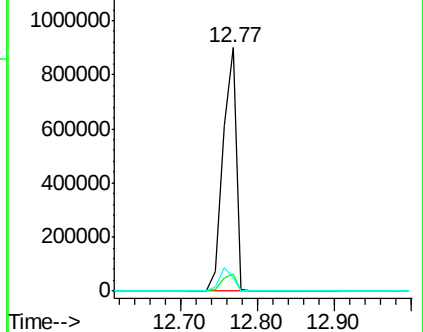
122 5.6 11.4 17.2#

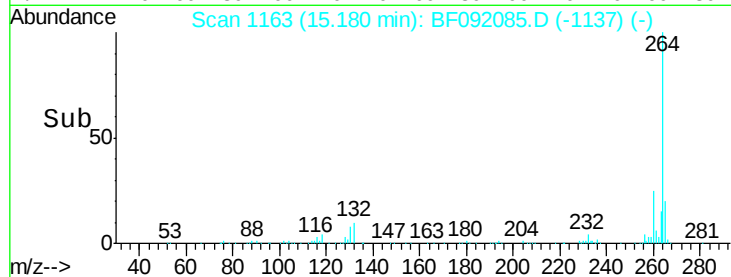
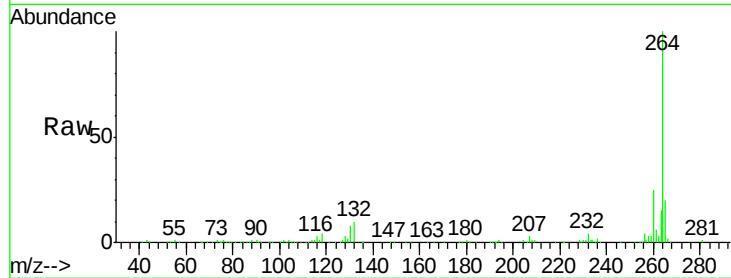
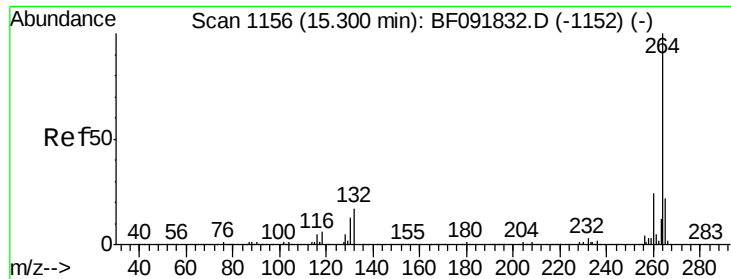


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.18 min Scan# 1163
 Delta R.T. 0.00 min
 Lab File: BF092085.D
 Acq: 4 Jan 2017 23:14

Instrument :
 BNA_F
 ClientSampleId :
 MW-23

Tot Ion:264	Resp:	198876
Ion Ratio	Lower	Upper
264	100	
260	25.3	19.2 28.8
265	20.0	17.4 26.0

