

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030117\
 Data File : BF093292.D
 Acq On : 1 Mar 2017 16:28
 Operator : SJ/MA
 Sample : I2035-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-EE9-EE10-EE11-EE12

Quant Time: Mar 02 00:19:41 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

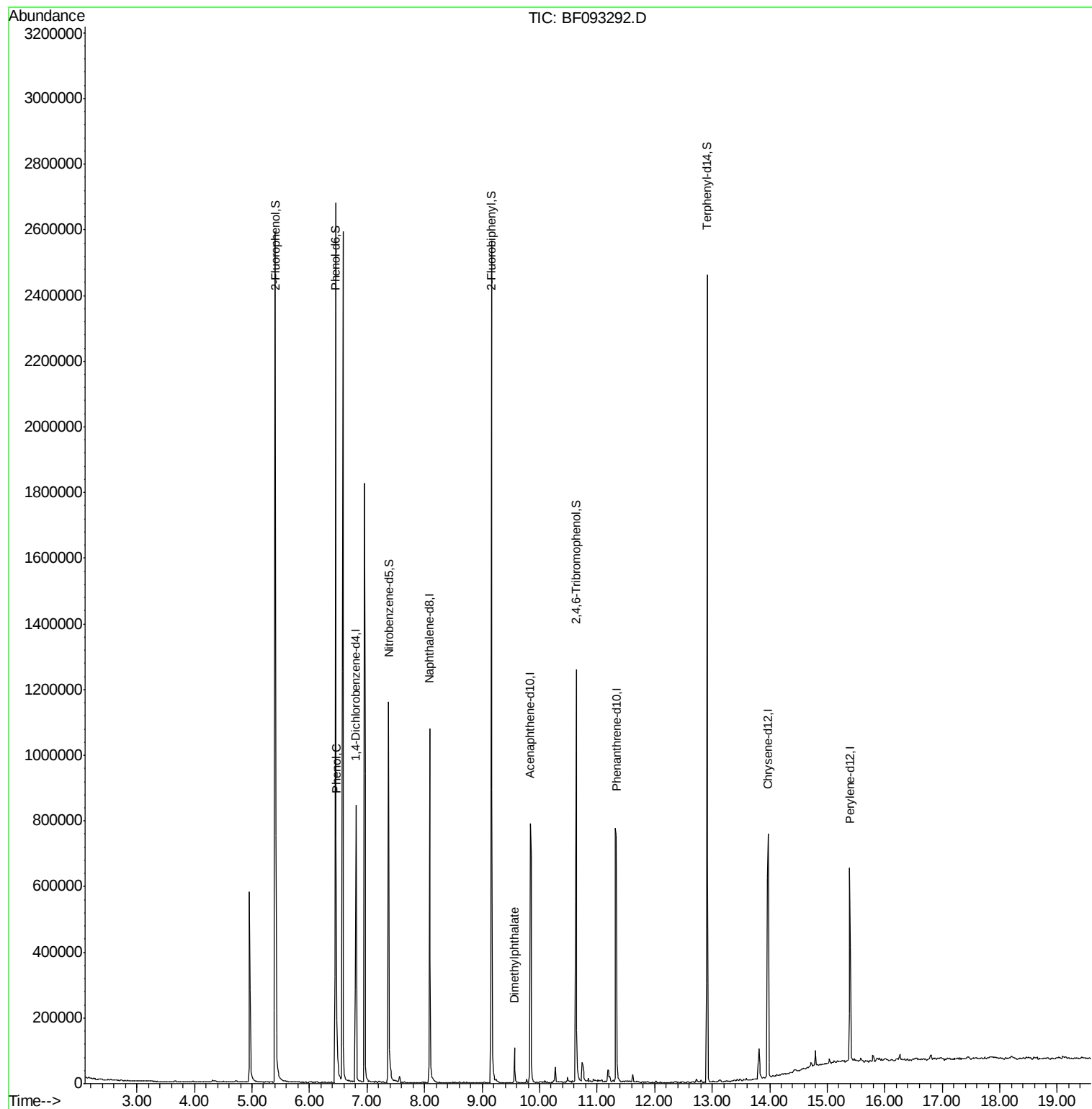
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	135779	20.00	ng	-0.05
21) Naphthalene-d8	8.09	136	537479	20.00	ng	-0.06
38) Acenaphthene-d10	9.84	164	229495	20.00	ng	-0.06
63) Phenanthrene-d10	11.33	188	440847	20.00	ng	-0.05
75) Chrysene-d12	13.97	240	358302	20.00	ng	-0.05
86) Perylene-d12	15.39	264	269808	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	738211	93.28	ng	-0.05
7) Phenol-d6	6.45	99	917421	90.09	ng	-0.03
23) Nitrobenzene-d5	7.38	82	598150	61.97	ng	-0.05
41) 2,4,6-Tribromophenol	10.64	330	158100	95.25	ng	-0.05
44) 2-Fluorobiphenyl	9.16	172	912624	72.04	ng	-0.06
78) Terphenyl-d14	12.91	244	766601	50.27	ng	-0.06
Target Compounds						
10) Phenol	6.46	94	67797	5.69	ng	83
49) Dimethylphthalate	9.56	163	51414	3.33	ng	99

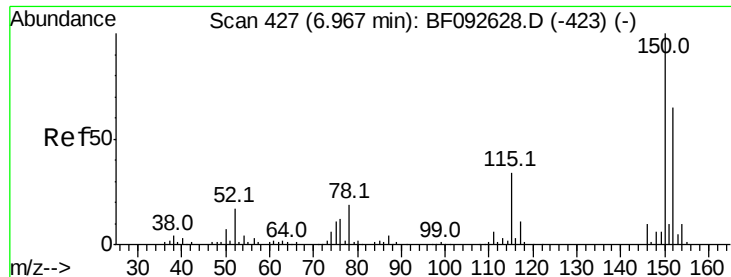
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 413

Delta R.T. -0.05 min

Lab File: BF093292.D

Acq: 1 Mar 2017 16:28

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-EE9-EE10-EE11-EE12

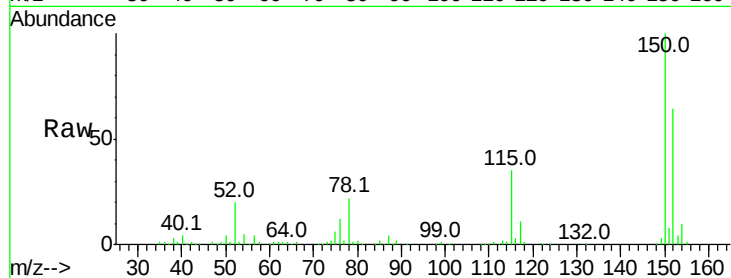
Tot Ion:152 Resp: 135779

Ion Ratio Lower Upper

152 100

150 157.0 124.9 187.3

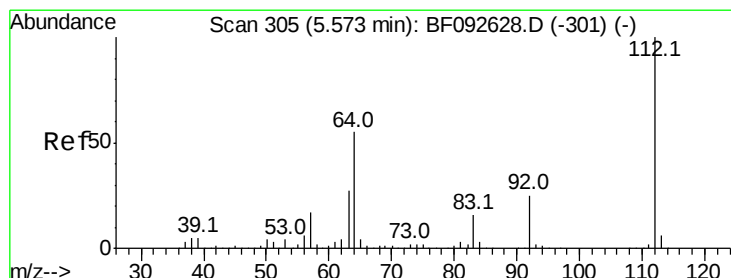
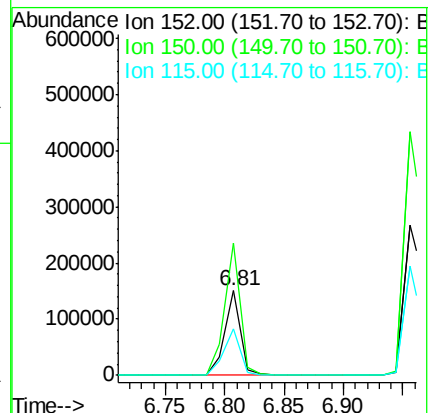
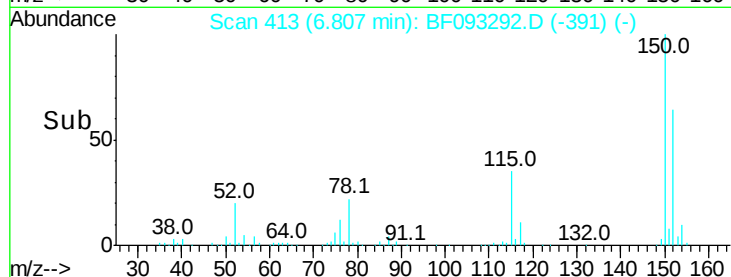
115 55.5 46.0 69.0



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: 93.28 ng

RT: 5.40 min Scan# 290

Delta R.T. -0.05 min

Lab File: BF093292.D

Acq: 1 Mar 2017 16:28

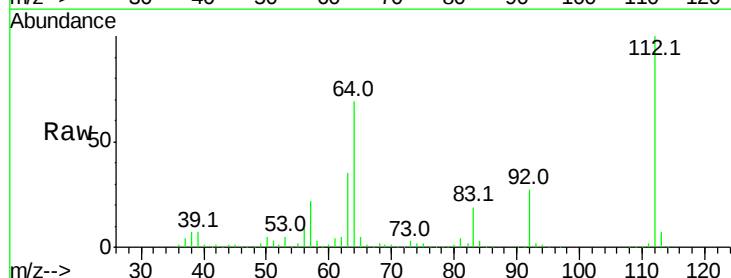
Tgt Ion:112 Resp: 738211

Ion Ratio Lower Upper

112 100

64 68.9 46.1 69.1

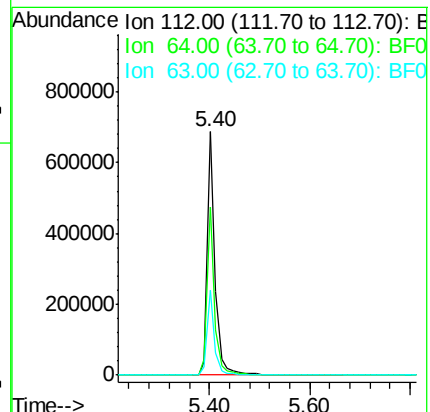
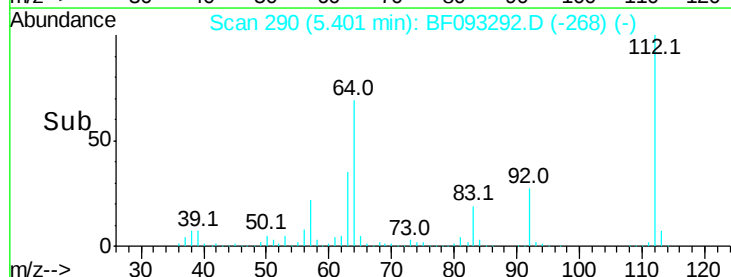
63 34.7 23.8 35.6



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: 90.09 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.03 min

Lab File: BF093292.D

Acq: 1 Mar 2017 16:28

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-EE9-EE10-EE11-EE12

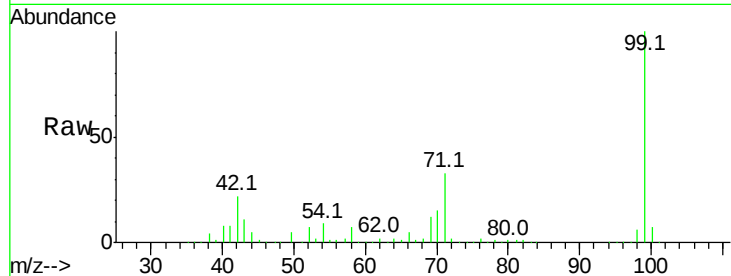
Tot Ion: 99 Resp: 917421

Ion Ratio Lower Upper

99 100

42 22.0 15.6 23.4

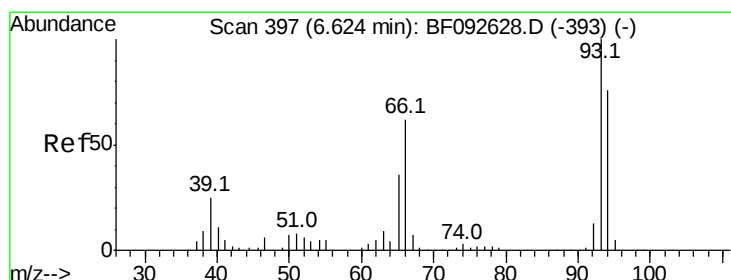
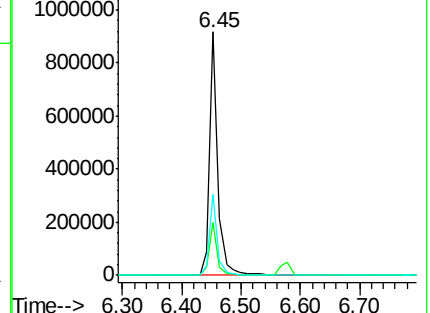
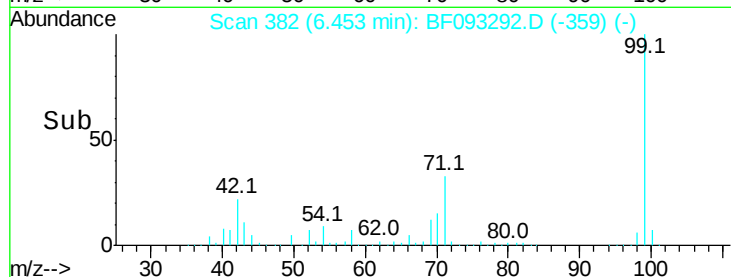
71 33.4 27.5 41.3



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: 5.69 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.05 min

Lab File: BF093292.D

Acq: 1 Mar 2017 16:28

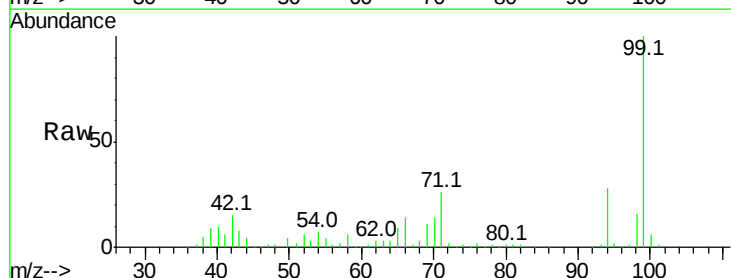
Tgt Ion: 94 Resp: 67797

Ion Ratio Lower Upper

94 100

65 31.4 21.4 61.4

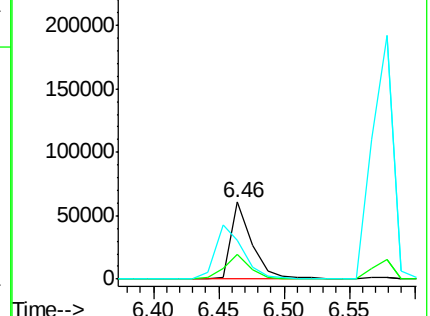
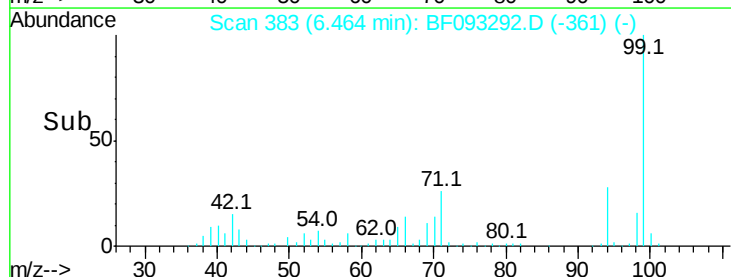
66 49.9 44.0 84.0

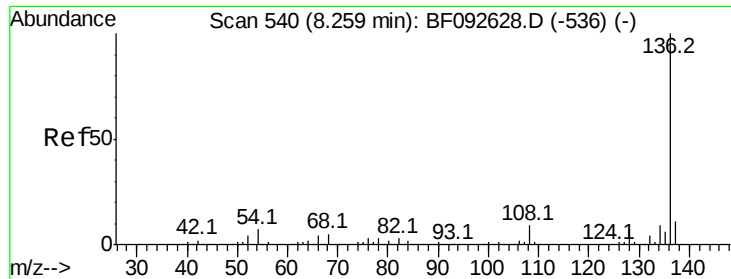


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

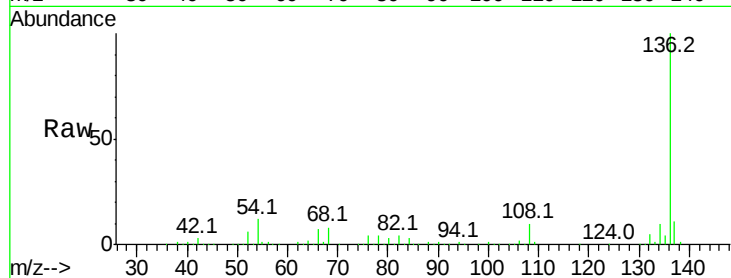




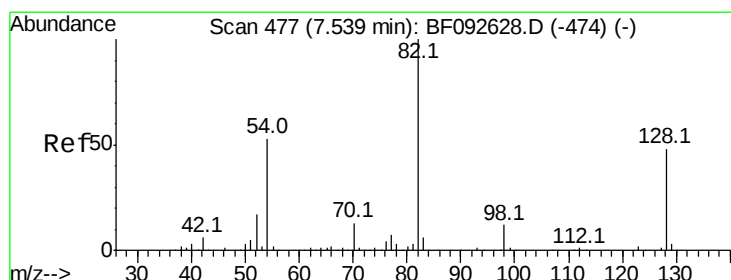
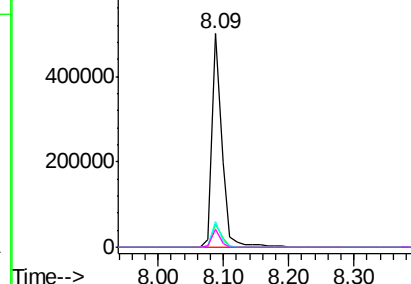
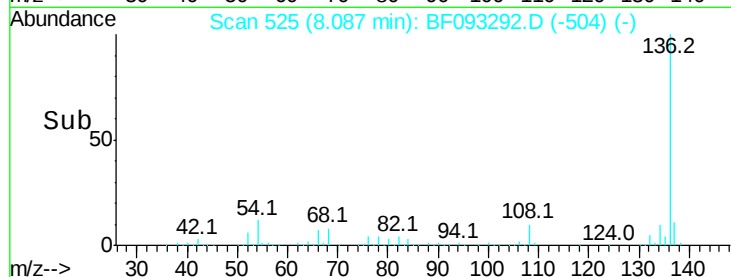
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.06 min
Lab File: BF093292.D
Acq: 1 Mar 2017 16:28

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-EE9-EE10-EE11-EE12

Tot Ion:136	Resp:	537479	
Ion Ratio	Lower	Upper	
136 100			
137 10.7	8.4	12.6	
54 12.0	4.5	6.7#	
68 8.2	3.6	5.4#	

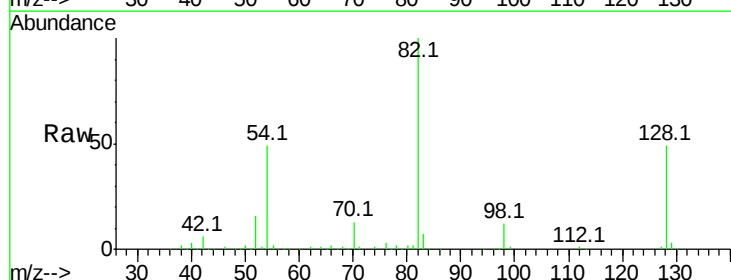


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

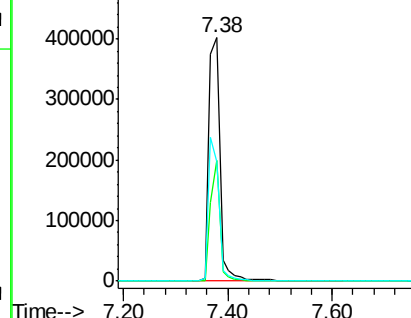
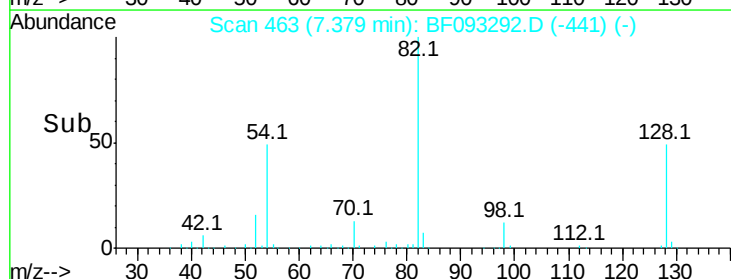


#23
Nitrobenzene-d5
Concen: 61.97 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.05 min
Lab File: BF093292.D
Acq: 1 Mar 2017 16:28

Tgt Ion: 82	Resp: 598150
Ion Ratio	Lower Upper
82 100	
128 49.4	34.6 52.0
54 49.2	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

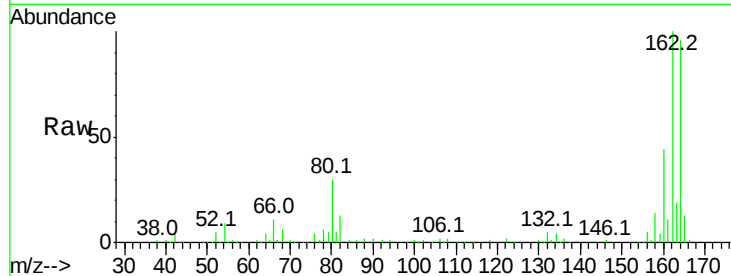




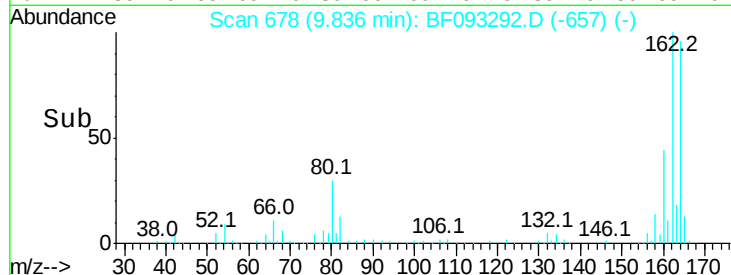
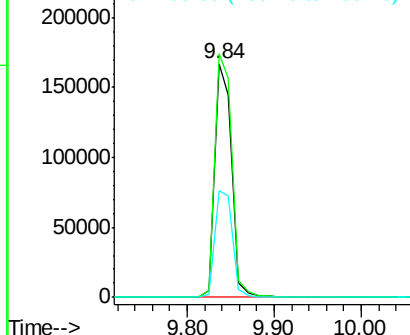
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 678
Delta R.T. -0.06 min
Lab File: BF093292.D
Acq: 1 Mar 2017 16:28

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-EE9-EE10-EE11-EE12

Tot Ion:164 Resp: 229495
Ion Ratio Lower Upper
164 100
162 104.1 80.2 120.2
160 45.4 36.9 55.3

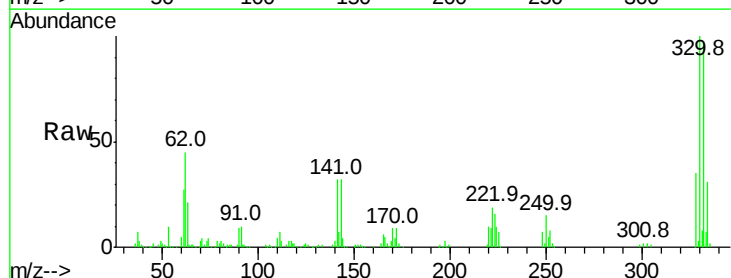


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

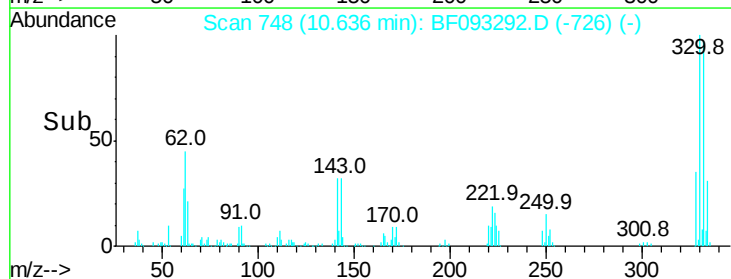
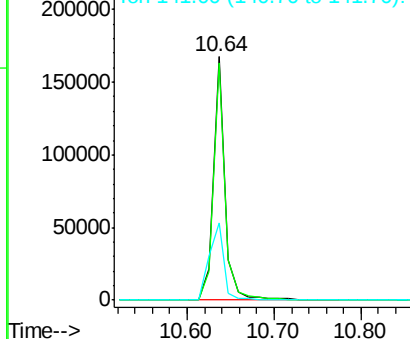


#41
2,4,6-Tribromophenol
Concen: 95.25 ng
RT: 10.64 min Scan# 748
Delta R.T. -0.05 min
Lab File: BF093292.D
Acq: 1 Mar 2017 16:28

Tgt Ion:330 Resp: 158100
Ion Ratio Lower Upper
330 100
332 97.1 77.4 116.2
141 39.8 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

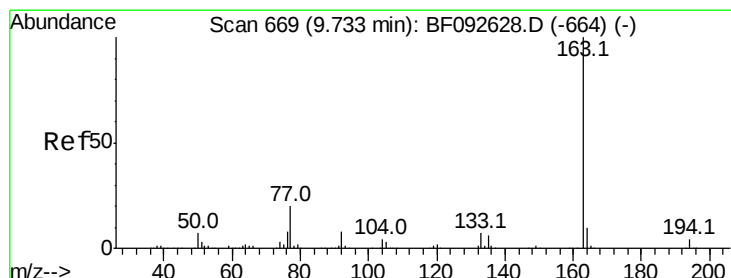
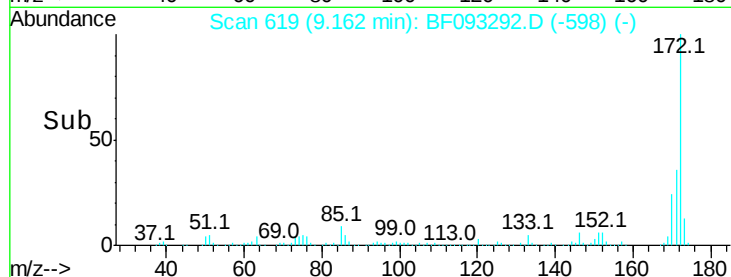
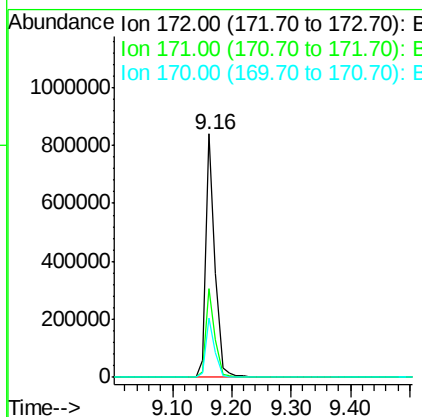
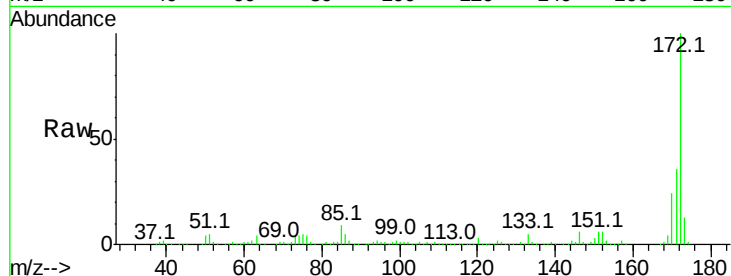




#44
 2-Fluorobiphenyl
 Concen: 72.04 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.06 min
 Lab File: BF093292.D
 Acq: 1 Mar 2017 16:28

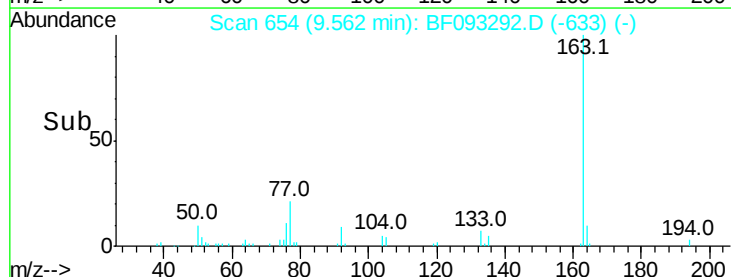
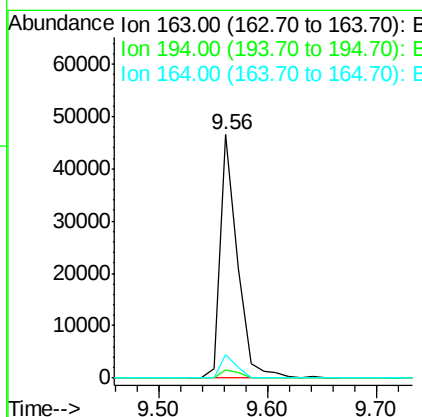
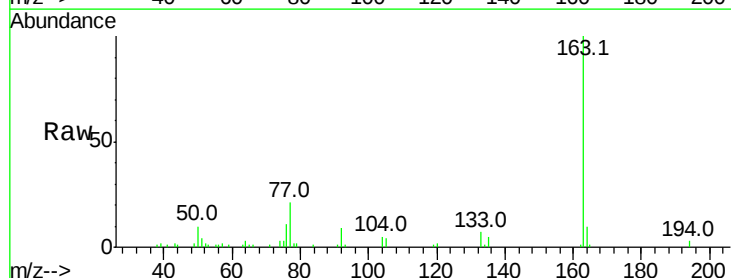
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-EE9-EE10-EE11-EE12

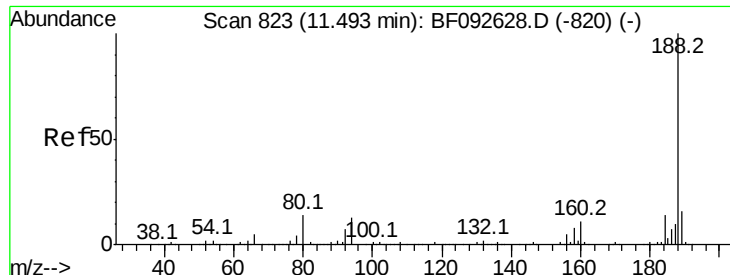
Tot Ion:172 Resp: 912624
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.4 44.0
 170 24.2 20.2 30.4



#49
 Dimethylphthalate
 Concen: 3.33 ng
 RT: 9.56 min Scan# 654
 Delta R.T. -0.06 min
 Lab File: BF093292.D
 Acq: 1 Mar 2017 16:28

Tgt Ion:163 Resp: 51414
 Ion Ratio Lower Upper
 163 100
 194 3.2 3.0 4.4
 164 9.9 8.0 12.0

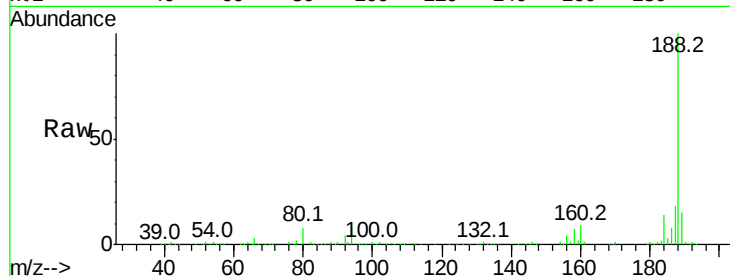




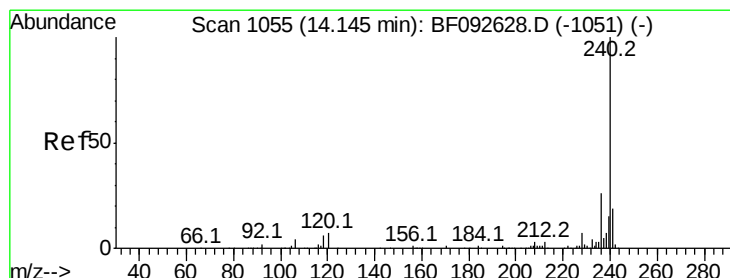
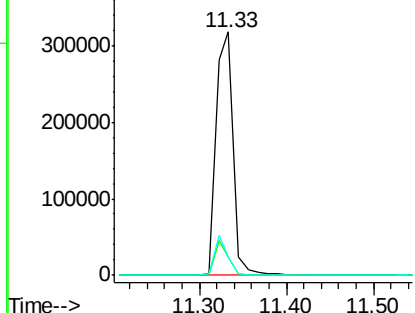
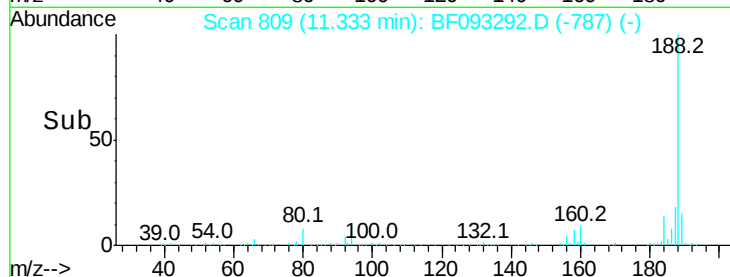
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.05 min
Lab File: BF093292.D
Acq: 1 Mar 2017 16:28

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-EE9-EE10-EE11-EE12

Tot Ion:188 Resp: 440847
Ion Ratio Lower Upper
188 100
94 7.6 10.0 15.0#
80 7.6 11.2 16.8#

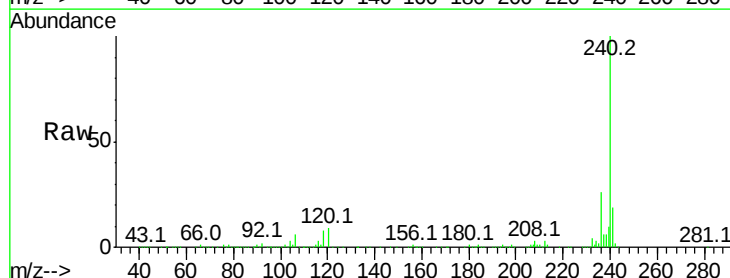


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

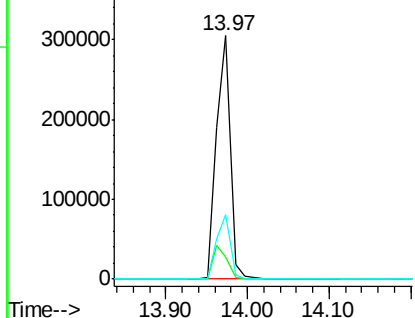
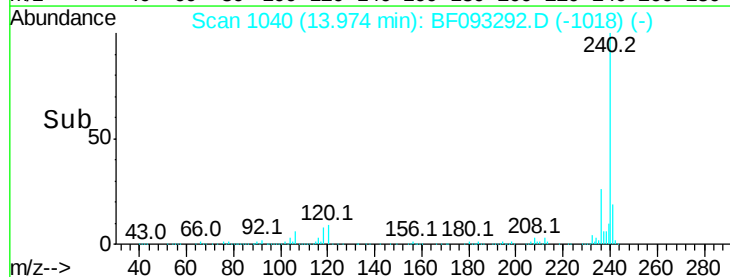


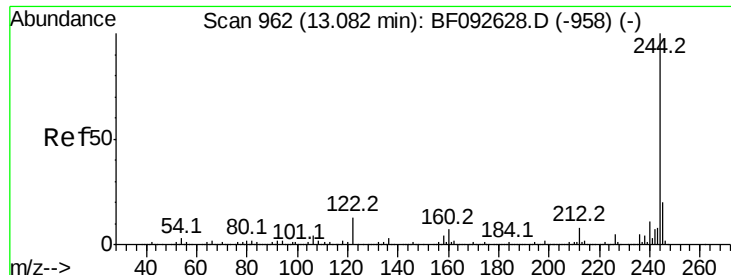
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.05 min
Lab File: BF093292.D
Acq: 1 Mar 2017 16:28

Tgt Ion:240 Resp: 358302
Ion Ratio Lower Upper
240 100
120 9.2 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

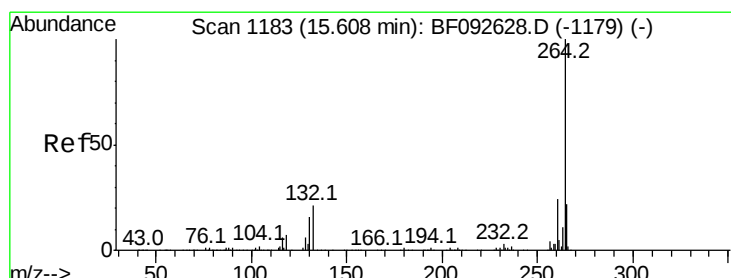
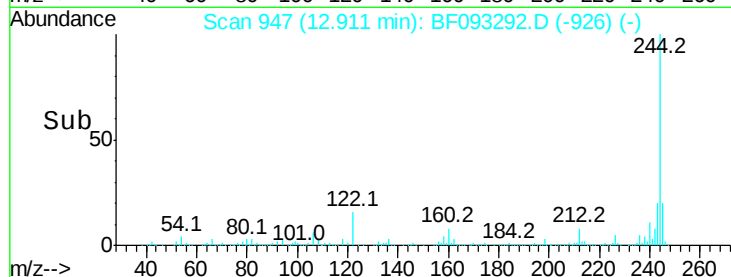
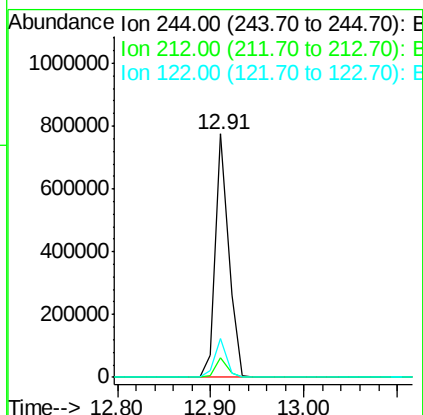
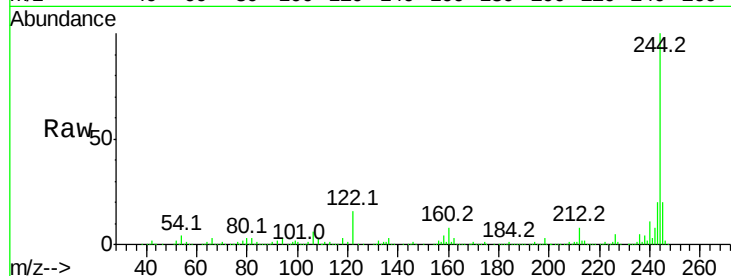




#78
 Terphenyl-d14
 Concen: 50.27 ng
 RT: 12.91 min Scan# 947
 Delta R.T. -0.06 min
 Lab File: BF093292.D
 Acq: 1 Mar 2017 16:28

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-EE9-EE10-EE11-EE12

Tot Ion:244 Resp: 766601
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.2
 122 16.0 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.39 min Scan# 1164
 Delta R.T. -0.06 min
 Lab File: BF093292.D
 Acq: 1 Mar 2017 16:28

Tgt Ion:264 Resp: 269808
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.2 28.8
 265 21.3 17.4 26.0

