

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030117\
 Data File : BF093293.D
 Acq On : 1 Mar 2017 16:56
 Operator : SJ/MA
 Sample : I2037-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-BB5-BB6-BB7-BB8

Quant Time: Mar 02 00:22:17 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

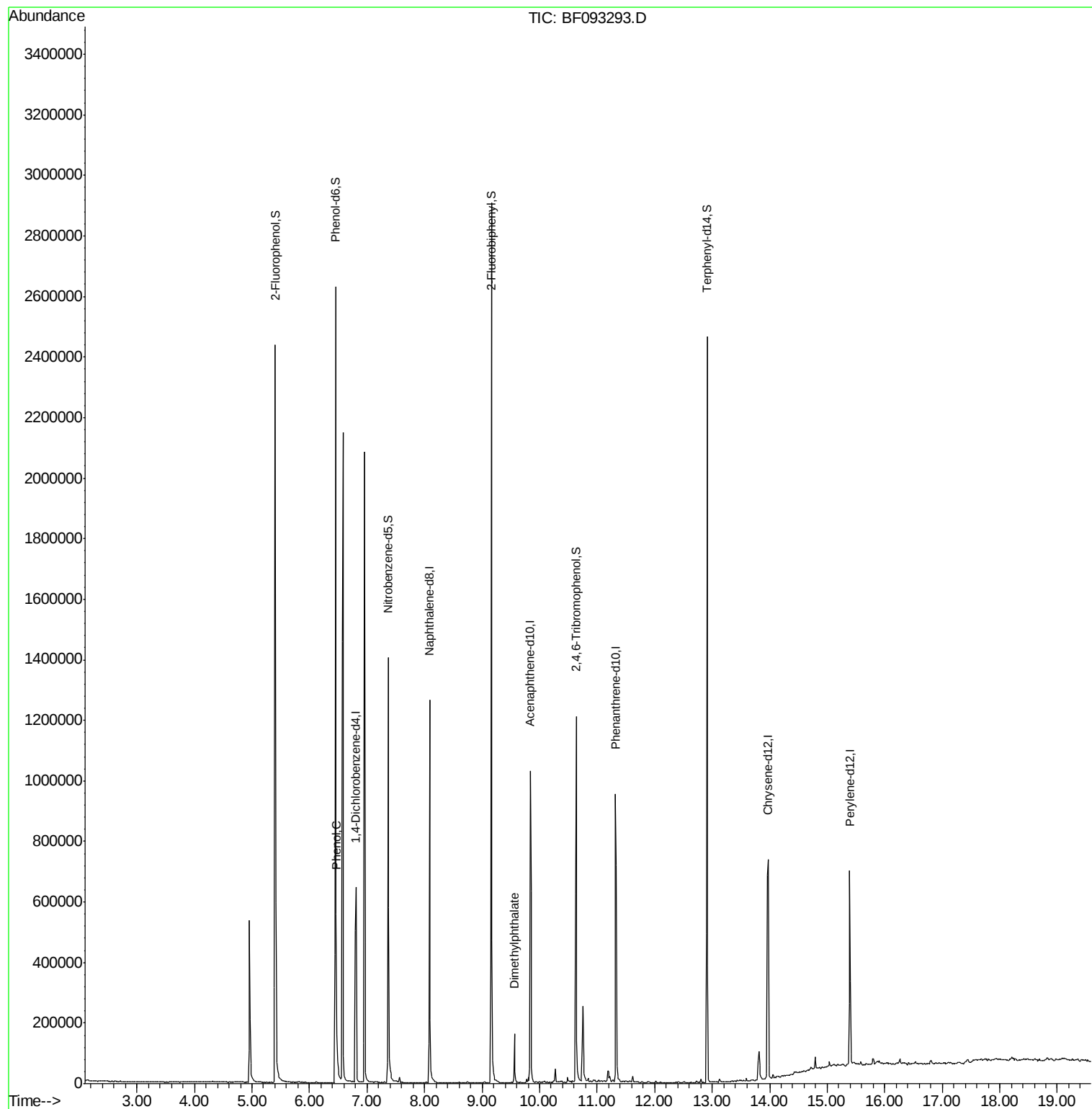
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	134759	20.00	ng	-0.05
21) Naphthalene-d8	8.09	136	567448	20.00	ng	-0.06
38) Acenaphthene-d10	9.84	164	254970	20.00	ng	-0.06
63) Phenanthrene-d10	11.32	188	477204	20.00	ng	-0.06
75) Chrysene-d12	13.97	240	369537	20.00	ng	-0.05
86) Perylene-d12	15.39	264	275384	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	694806	88.46	ng	-0.05
7) Phenol-d6	6.45	99	885144	87.58	ng	-0.03
23) Nitrobenzene-d5	7.37	82	530025	52.01	ng	-0.06
41) 2,4,6-Tribromophenol	10.64	330	153471	83.22	ng	-0.05
44) 2-Fluorobiphenyl	9.16	172	901379	64.05	ng	-0.06
78) Terphenyl-d14	12.91	244	736953	46.86	ng	-0.06
Target Compounds						
10) Phenol	6.46	94	64410	5.45	ng	79
49) Dimethylphthalate	9.56	163	70292	4.09	ng	99

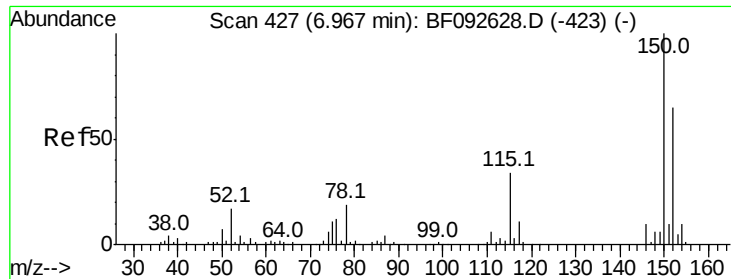
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF093293.D

Acq: 1 Mar 2017 16:56

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-BB5-BB6-BB7-BB8

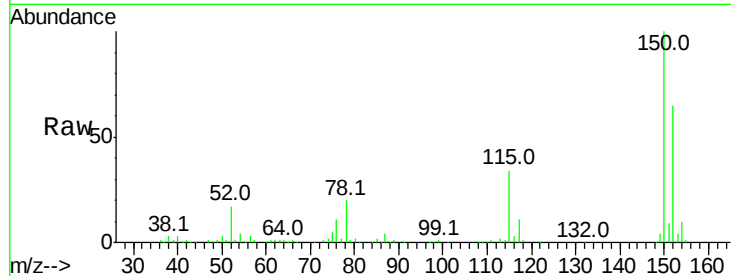
Tot Ion:152 Resp: 134759

Ion Ratio Lower Upper

152 100

150 154.9 124.9 187.3

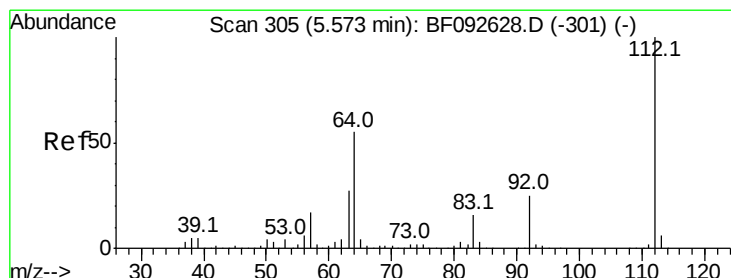
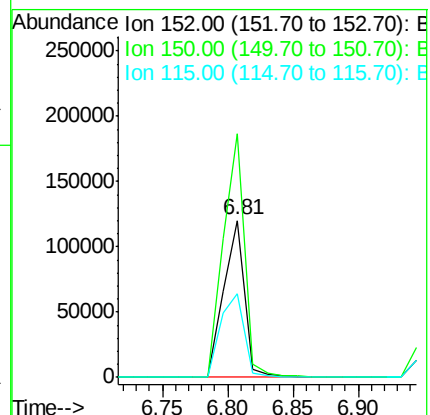
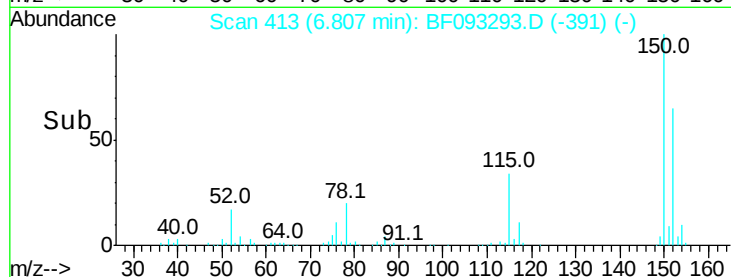
115 53.2 46.0 69.0



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: 88.46 ng

RT: 5.40 min Scan# 290

Delta R.T. -0.05 min

Lab File: BF093293.D

Acq: 1 Mar 2017 16:56

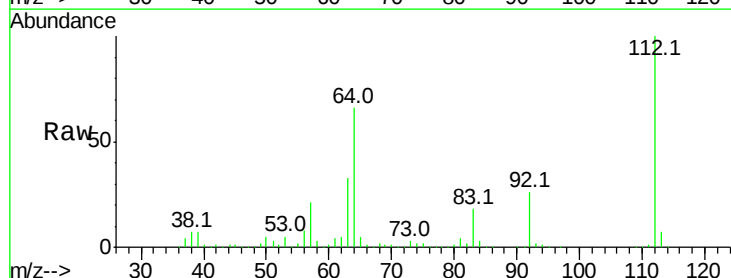
Tgt Ion:112 Resp: 694806

Ion Ratio Lower Upper

112 100

64 66.1 46.1 69.1

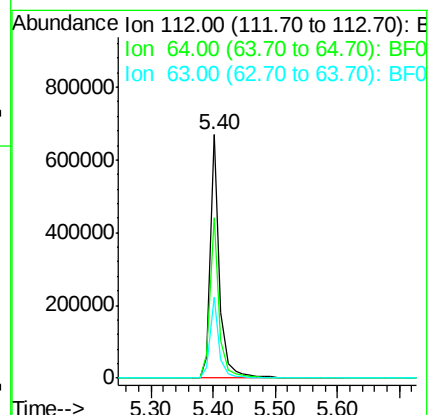
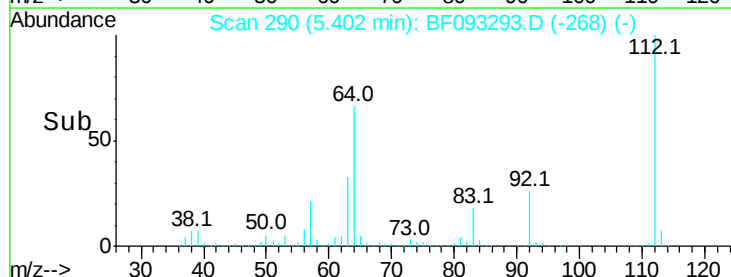
63 33.1 23.8 35.6



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: 87.58 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.03 min

Lab File: BF093293.D

Acq: 1 Mar 2017 16:56

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-BB5-BB6-BB7-BB8

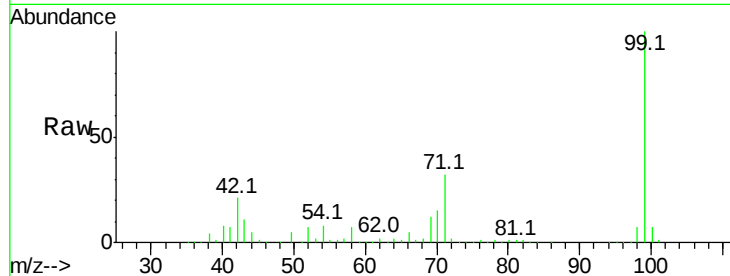
Tot Ion: 99 Resp: 885144

Ion Ratio Lower Upper

99 100

42 20.7 15.6 23.4

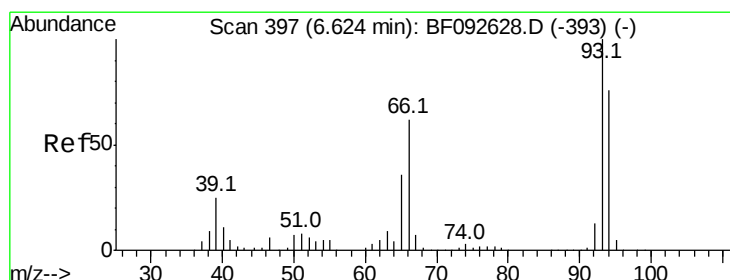
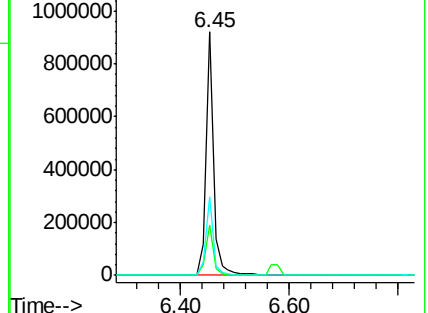
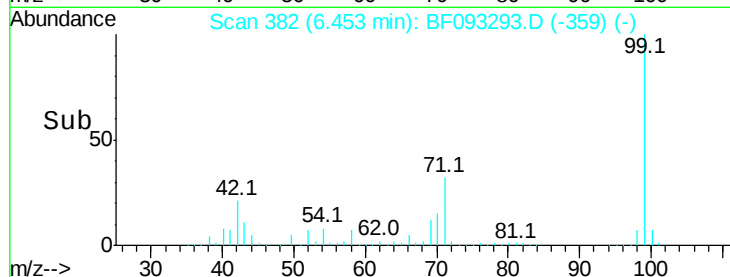
71 32.2 27.5 41.3



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: 5.45 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.05 min

Lab File: BF093293.D

Acq: 1 Mar 2017 16:56

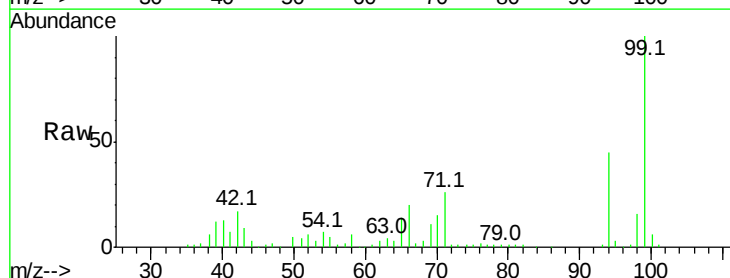
Tgt Ion: 94 Resp: 64410

Ion Ratio Lower Upper

94 100

65 31.7 21.4 61.4

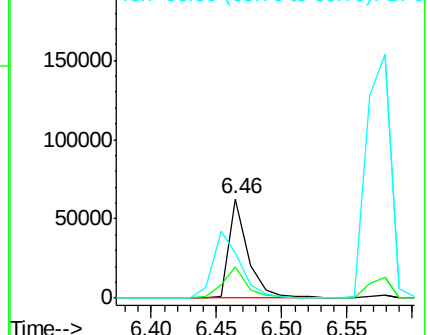
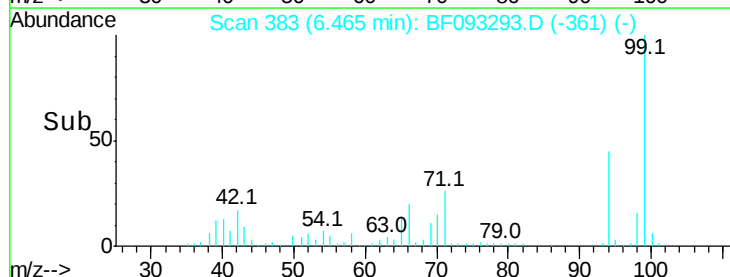
66 44.8 44.0 84.0



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

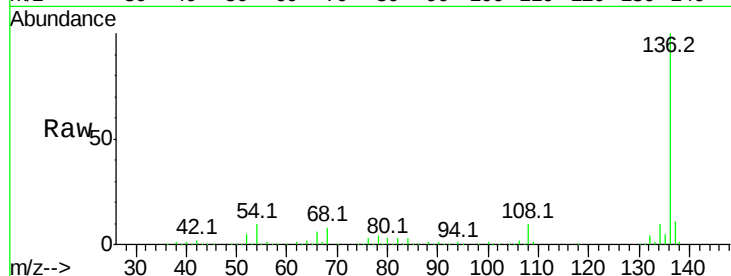




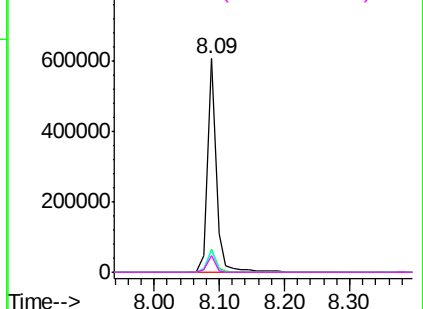
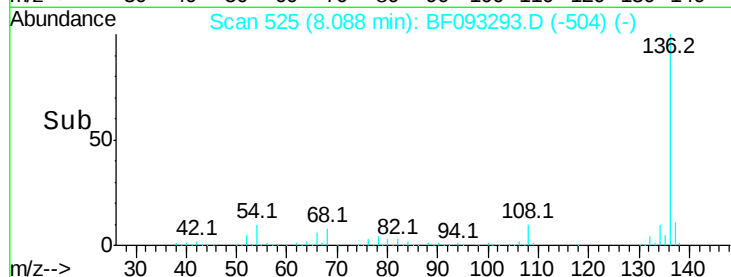
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.06 min
Lab File: BF093293.D
Acq: 1 Mar 2017 16:56

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-BB5-BB6-BB7-BB8

Tot Ion:136	Resp:	567448
Ion	Ratio	Lower Upper
136	100	
137	11.1	8.4 12.6
54	10.4	4.5 6.7#
68	7.6	3.6 5.4#

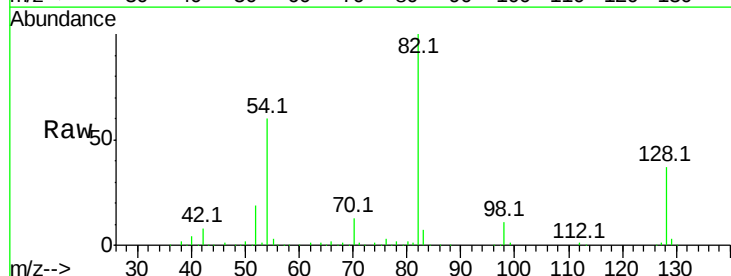


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

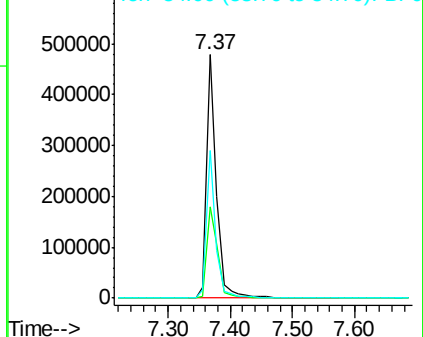
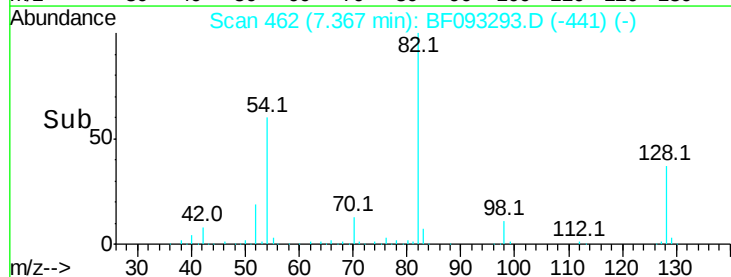


#23
Nitrobenzene-d5
Concen: 52.01 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.06 min
Lab File: BF093293.D
Acq: 1 Mar 2017 16:56

Tgt Ion: 82	Resp:	530025
Ion	Ratio	Lower Upper
82	100	
128	37.4	34.6 52.0
54	60.4	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

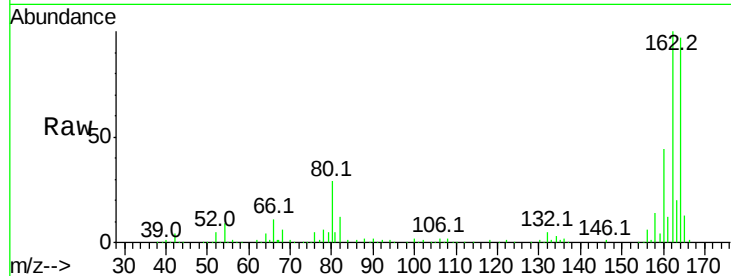




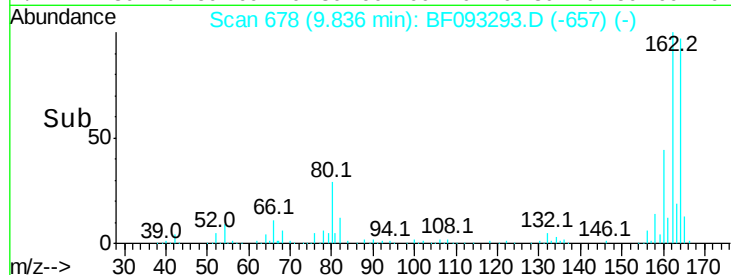
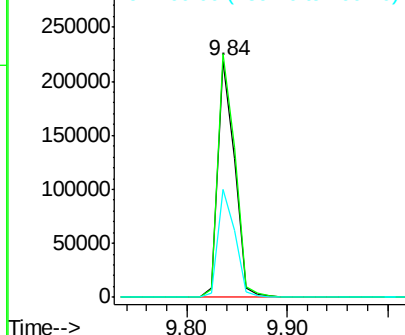
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 678
 Delta R.T. -0.06 min
 Lab File: BF093293.D
 Acq: 1 Mar 2017 16:56

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-BB5-BB6-BB7-BB8

Tot Ion:164 Resp: 254970
 Ion Ratio Lower Upper
 164 100
 162 103.0 80.2 120.2
 160 45.6 36.9 55.3

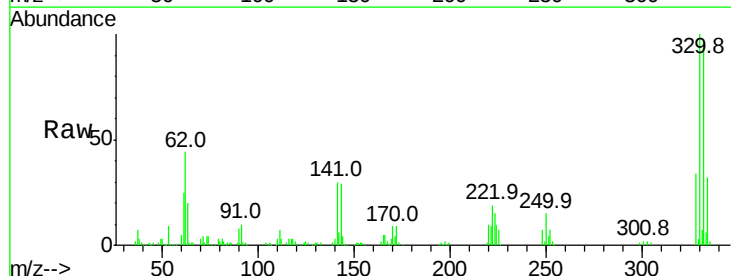


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

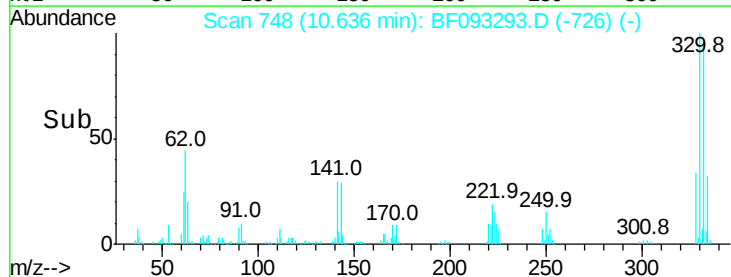
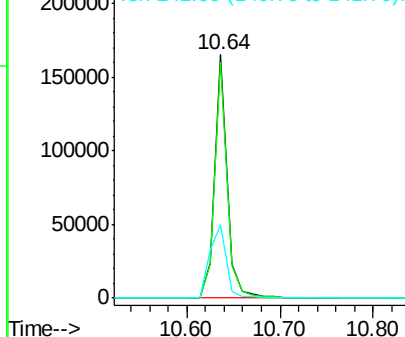


#41
 2,4,6-Tribromophenol
 Concen: 83.22 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.05 min
 Lab File: BF093293.D
 Acq: 1 Mar 2017 16:56

Tgt Ion:330 Resp: 153471
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.4 116.2
 141 40.5 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

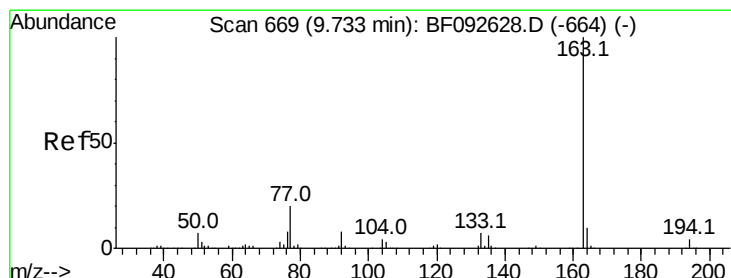
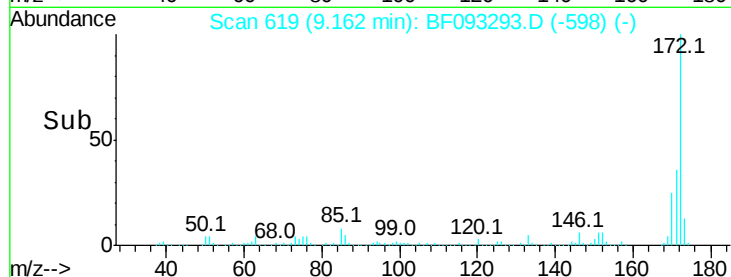
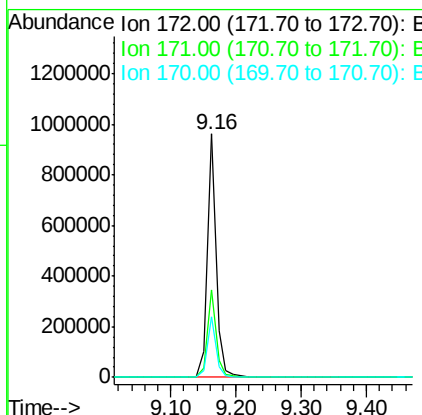
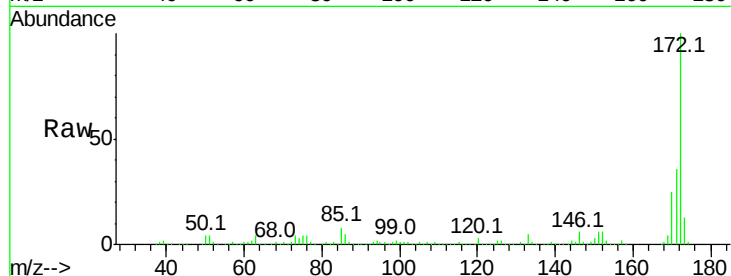




#44
 2-Fluorobiphenyl
 Concen: 64.05 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.06 min
 Lab File: BF093293.D
 Acq: 1 Mar 2017 16:56

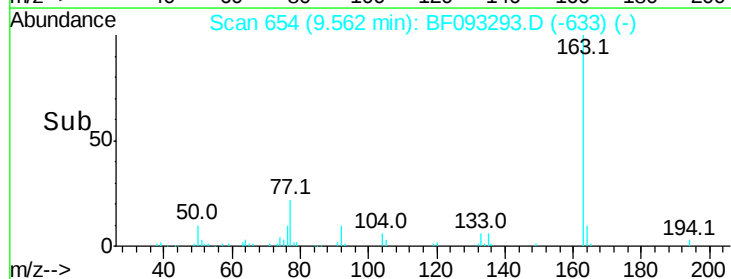
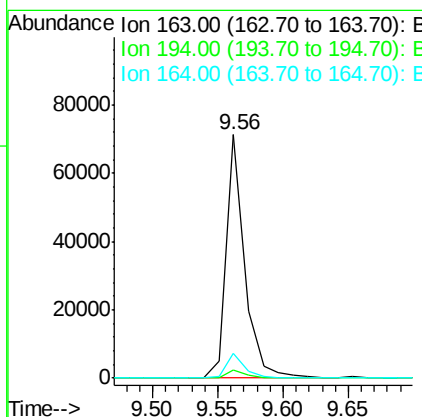
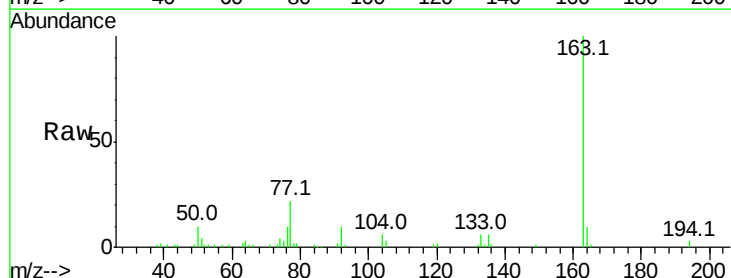
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-BB5-BB6-BB7-BB8

Tot Ion:172 Resp: 901379
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.4 44.0
 170 24.7 20.2 30.4



#49
 Dimethylphthalate
 Concen: 4.09 ng
 RT: 9.56 min Scan# 654
 Delta R.T. -0.06 min
 Lab File: BF093293.D
 Acq: 1 Mar 2017 16:56

Tgt Ion:163 Resp: 70292
 Ion Ratio Lower Upper
 163 100
 194 3.4 3.0 4.4
 164 10.3 8.0 12.0

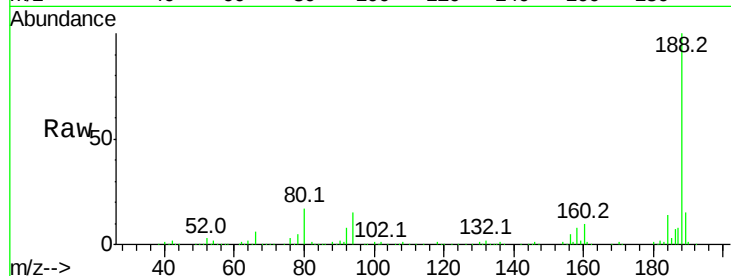




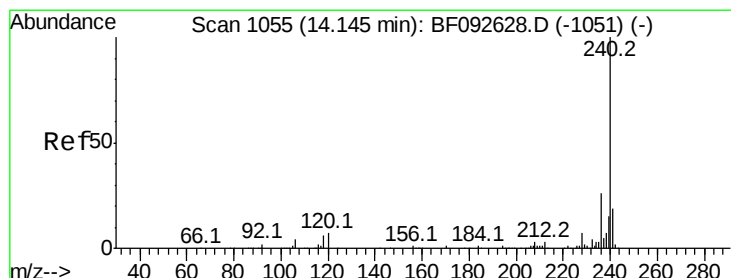
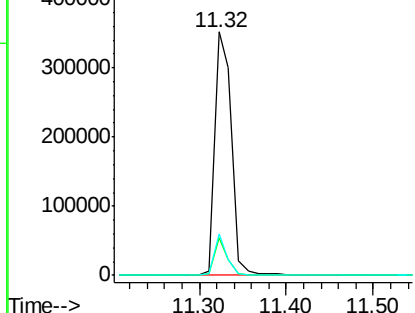
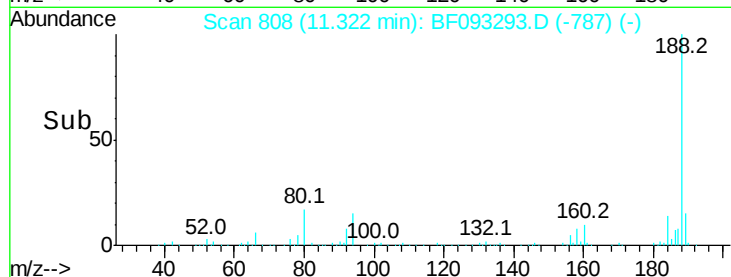
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. -0.06 min
Lab File: BF093293.D
Acq: 1 Mar 2017 16:56

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-BB5-BB6-BB7-BB8

Tot Ion:188 Resp: 477204
Ion Ratio Lower Upper
188 100
94 15.3 10.0 15.0#
80 17.1 11.2 16.8#

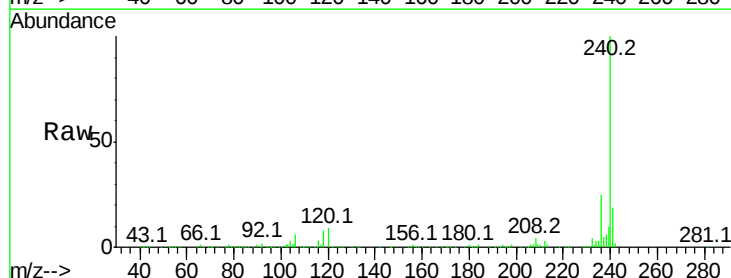


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

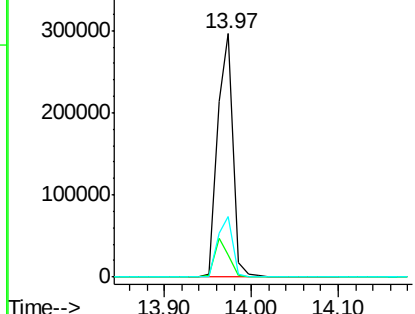
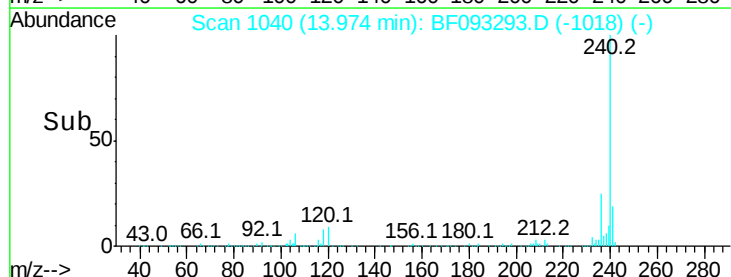


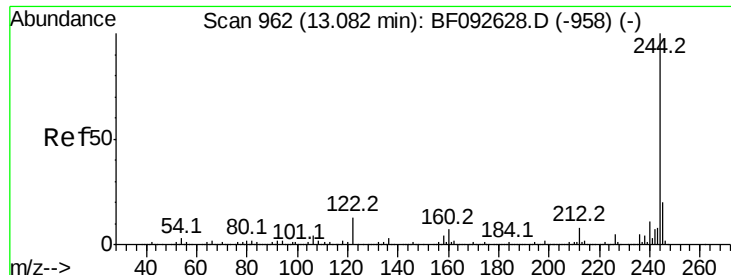
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.05 min
Lab File: BF093293.D
Acq: 1 Mar 2017 16:56

Tgt Ion:240 Resp: 369537
Ion Ratio Lower Upper
240 100
120 8.9 12.9 19.3#
236 24.7 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: 46.86 ng

RT: 12.91 min Scan# 947

Delta R.T. -0.06 min

Lab File: BF093293.D

Acq: 1 Mar 2017 16:56

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-BB5-BB6-BB7-BB8

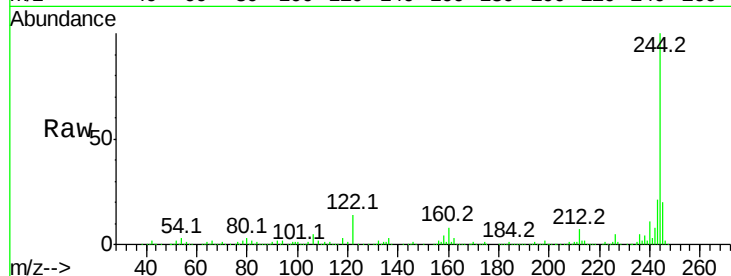
Tot Ion:244 Resp: 736953

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

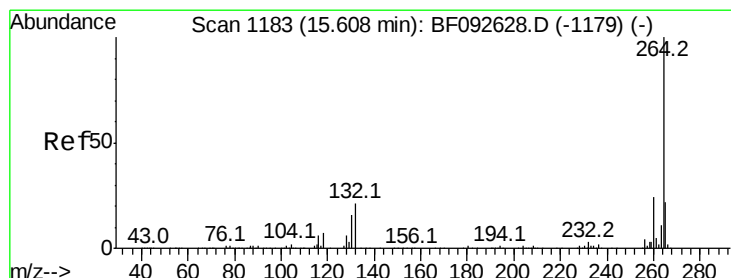
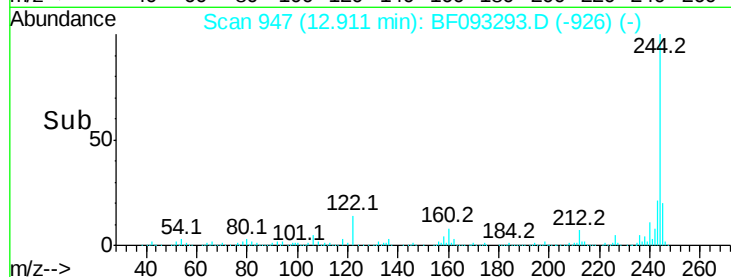
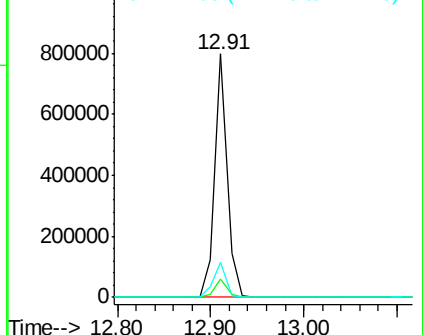
122 14.5 11.4 17.2



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: 15.39 min Scan# 1164

Delta R.T. -0.06 min

Lab File: BF093293.D

Acq: 1 Mar 2017 16:56

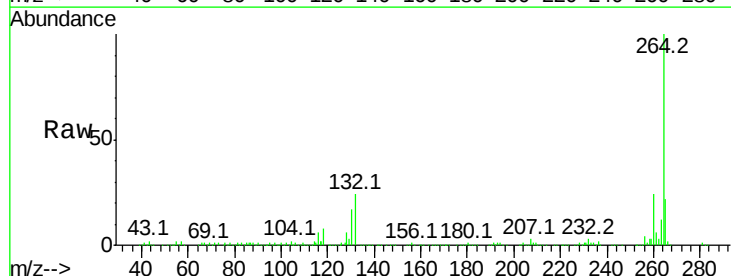
Tgt Ion:264 Resp: 275384

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 21.8 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

