

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022817\
 Data File : BF093250.D
 Acq On : 28 Feb 2017 16:00
 Operator : SJ/MA
 Sample : I2017-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TK3-2-20170227

Quant Time: Feb 28 17:09:43 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

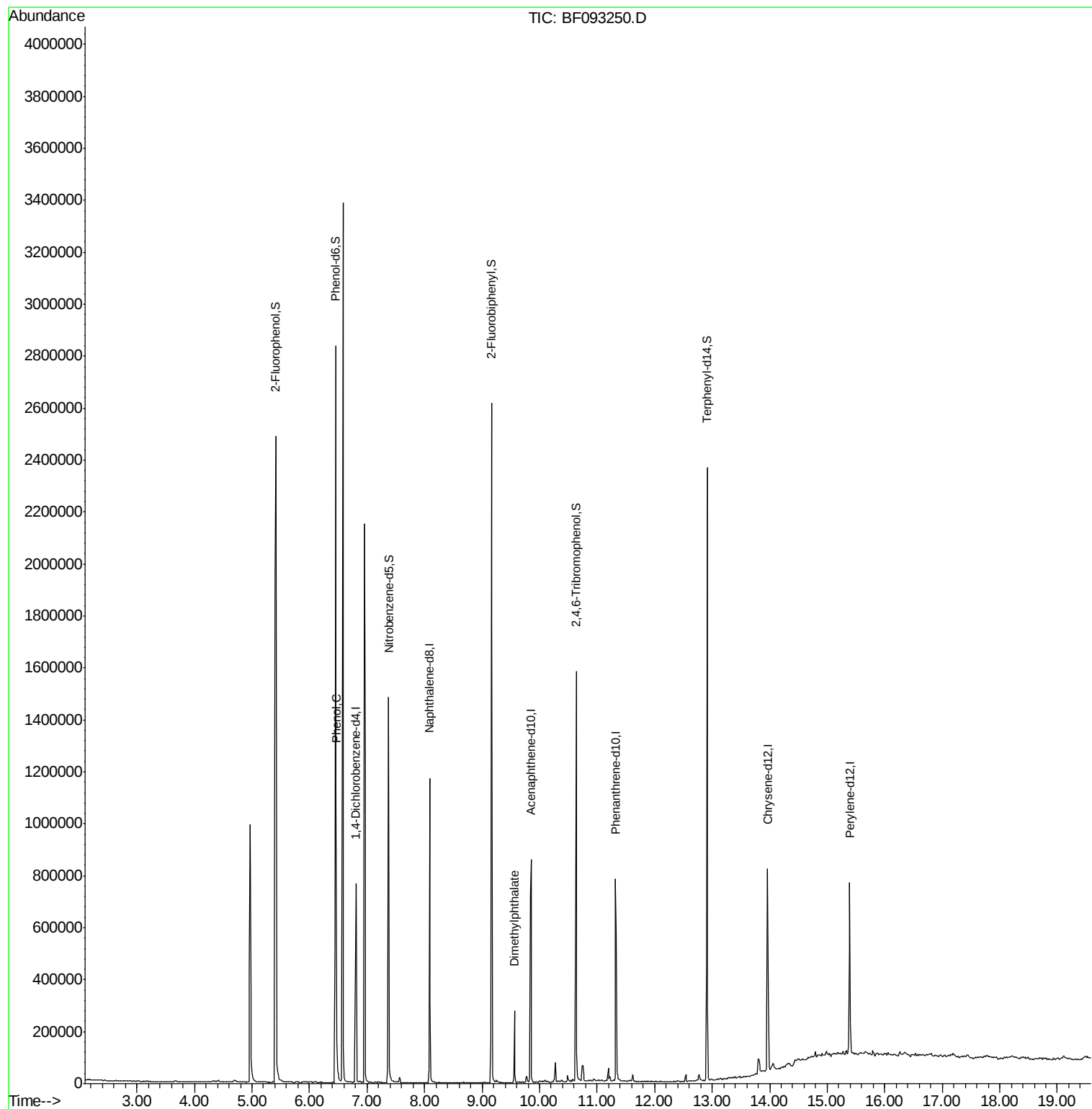
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	136103	20.00	ng	-0.05
21) Naphthalene-d8	8.09	136	526889	20.00	ng	-0.06
38) Acenaphthene-d10	9.85	164	238335	20.00	ng	-0.05
63) Phenanthrene-d10	11.32	188	381986	20.00	ng	-0.06
75) Chrysene-d12	13.96	240	283224	20.00	ng	-0.06
86) Perylene-d12	15.39	264	291270	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	946328	119.29	ng	-0.03
7) Phenol-d6	6.45	99	1069028	104.73	ng	-0.03
23) Nitrobenzene-d5	7.38	82	728177	76.96	ng	-0.05
41) 2,4,6-Tribromophenol	10.64	330	176365	102.31	ng	-0.05
44) 2-Fluorobiphenyl	9.16	172	1095802	83.30	ng	-0.06
78) Terphenyl-d14	12.91	244	678346	56.28	ng	-0.06
Target Compounds						
10) Phenol	6.46	94	82578	6.91	ng	89
49) Dimethylphthalate	9.56	163	105996	6.60	ng	99

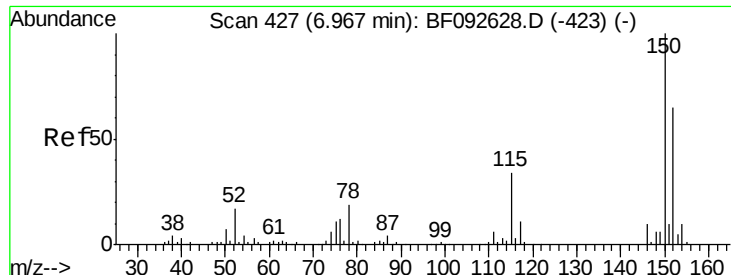
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF093250.D

Acq: 28 Feb 2017 16:00

Instrument :

BNA_F

ClientSampleId :

TK3-2-20170227

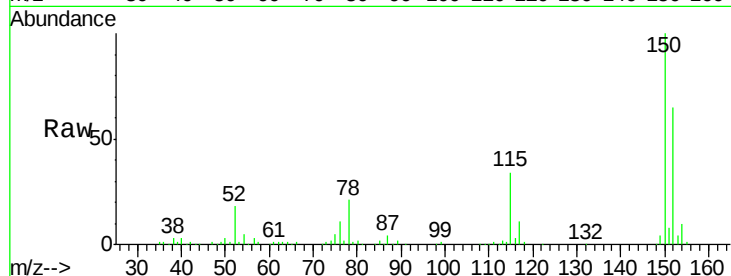
Tgt Ion:152 Resp: 136103

Ion Ratio Lower Upper

152 100

150 154.0 124.9 187.3

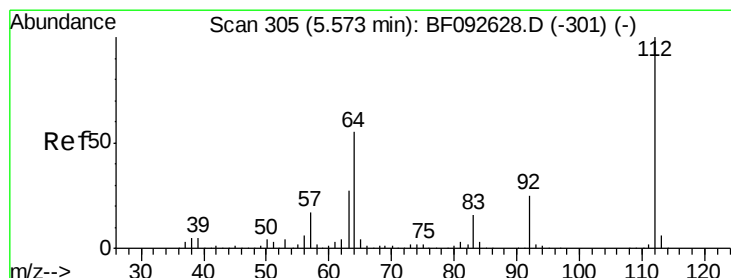
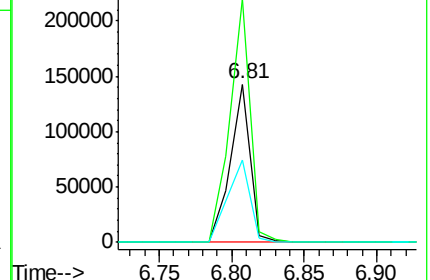
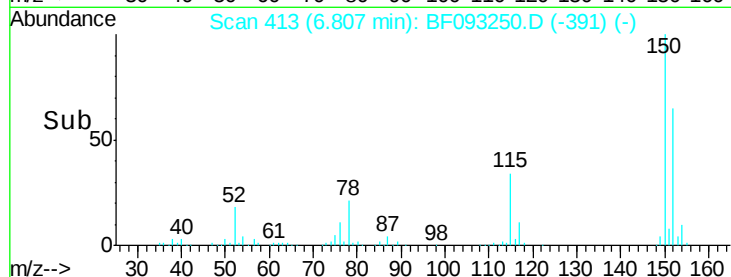
115 52.4 46.0 69.0



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: 119.29 ng

RT: 5.41 min Scan# 291

Delta R.T. -0.03 min

Lab File: BF093250.D

Acq: 28 Feb 2017 16:00

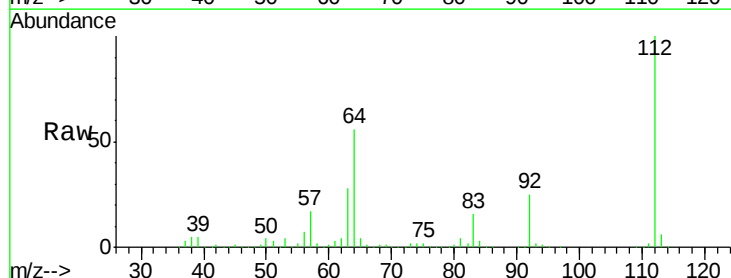
Tgt Ion:112 Resp: 946328

Ion Ratio Lower Upper

112 100

64 56.3 46.1 69.1

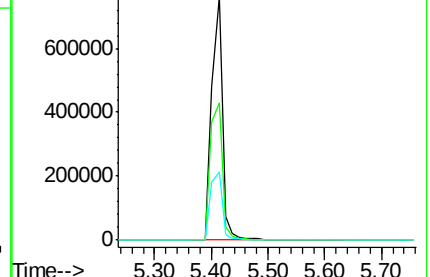
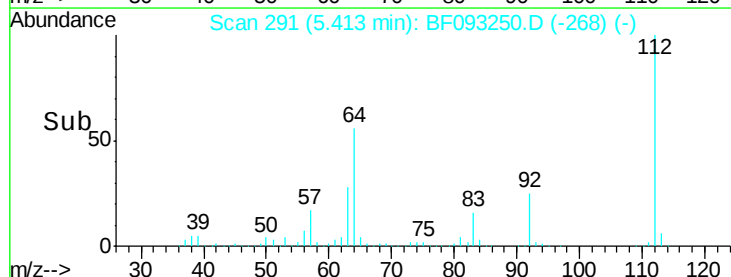
63 28.2 23.8 35.6



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: 104.73 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.03 min

Lab File: BF093250.D

Acq: 28 Feb 2017 16:00

Instrument :

BNA_F

ClientSampled :

TK3-2-20170227

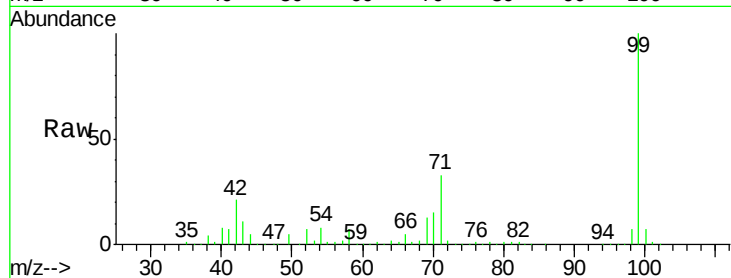
Tgt Ion: 99 Resp: 1069028

Ion Ratio Lower Upper

99 100

42 20.9 15.6 23.4

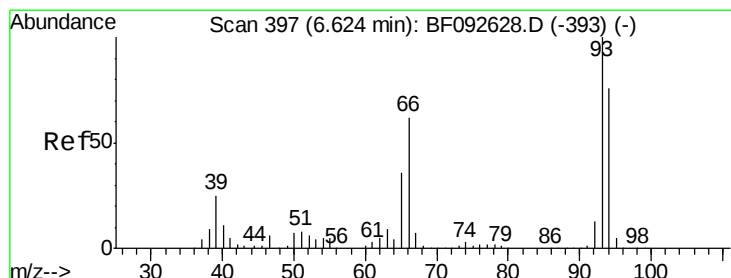
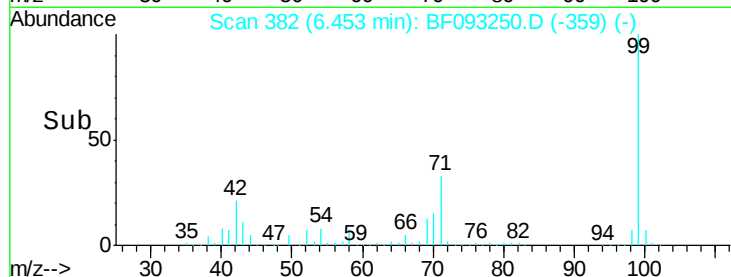
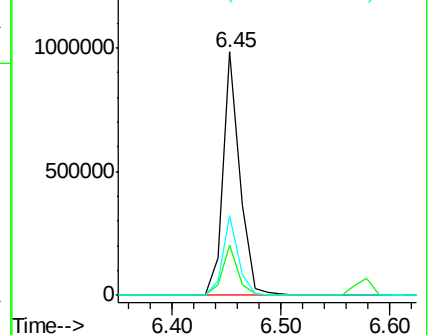
71 32.7 27.5 41.3



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: 6.91 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.05 min

Lab File: BF093250.D

Acq: 28 Feb 2017 16:00

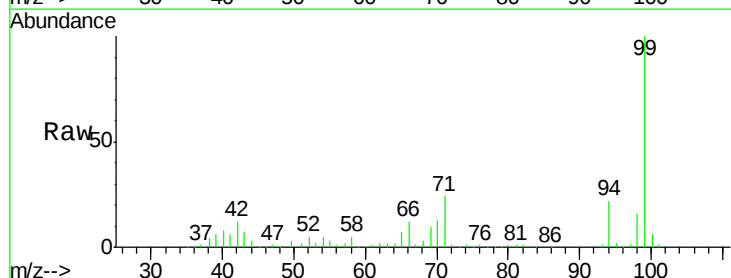
Tgt Ion: 94 Resp: 82578

Ion Ratio Lower Upper

94 100

65 34.4 21.4 61.4

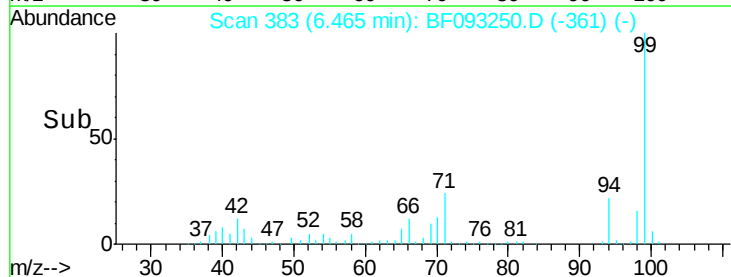
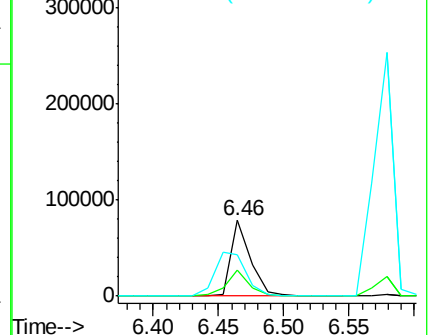
66 55.0 44.0 84.0



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

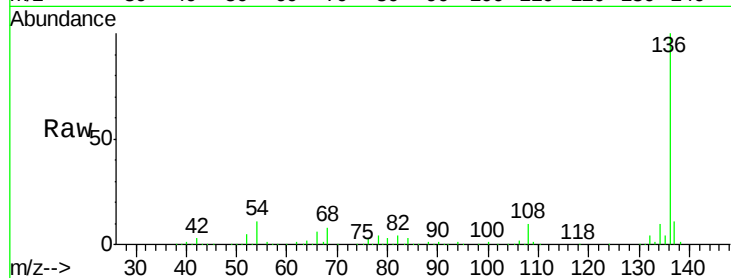




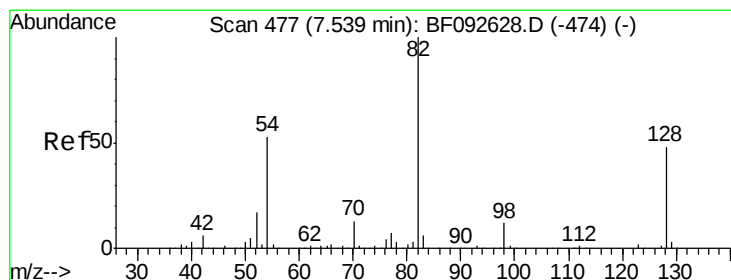
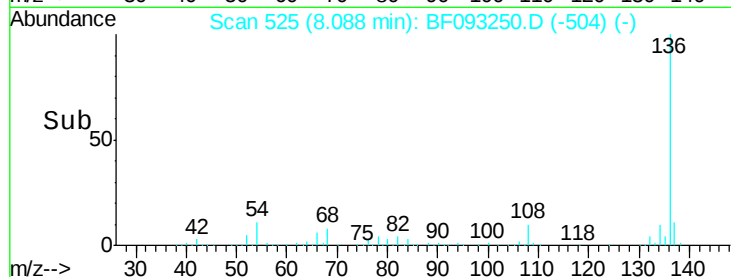
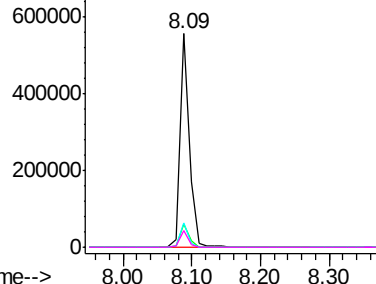
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.06 min
Lab File: BF093250.D
Acq: 28 Feb 2017 16:00

Instrument :
BNA_F
ClientSampleId :
TK3-2-20170227

Tgt Ion:	136	Resp:	526889
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	11.1	4.5	6.7#
68	7.9	3.6	5.4#

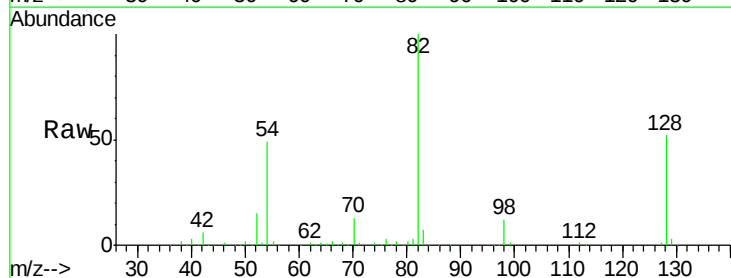


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

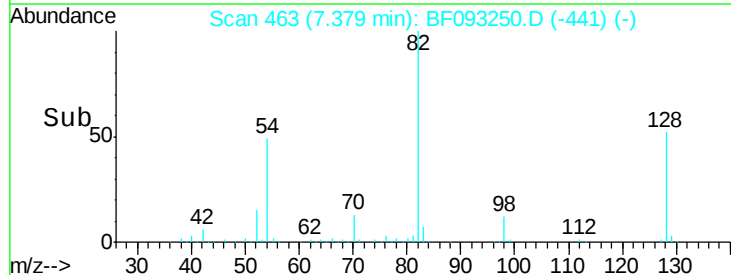
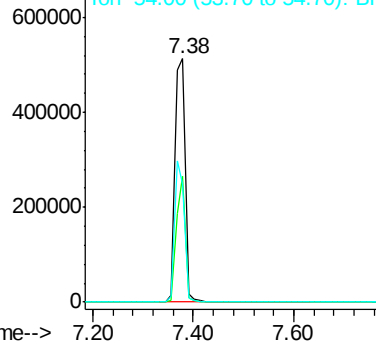


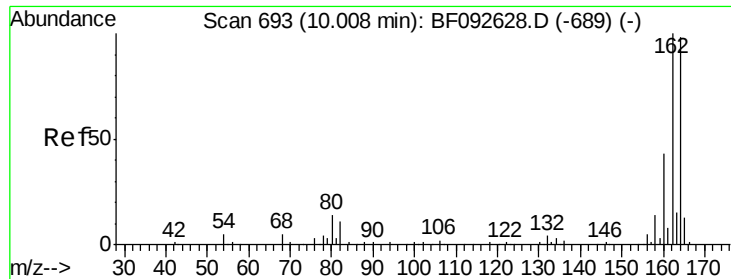
#23
Nitrobenzene-d5
Concen: 76.96 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.05 min
Lab File: BF093250.D
Acq: 28 Feb 2017 16:00

Tgt Ion:	82	Resp:	728177
Ion	Ratio	Lower	Upper
82	100		
128	51.8	34.6	52.0
54	48.5	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: 9.85 min Scan# 679

Delta R.T. -0.05 min

Lab File: BF093250.D

Acq: 28 Feb 2017 16:00

Instrument :

BNA_F

ClientSampleId :

TK3-2-20170227

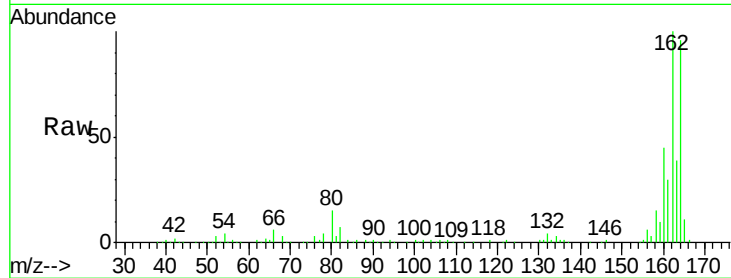
Tgt Ion:164 Resp: 238335

Ion Ratio Lower Upper

164 100

162 104.5 80.2 120.2

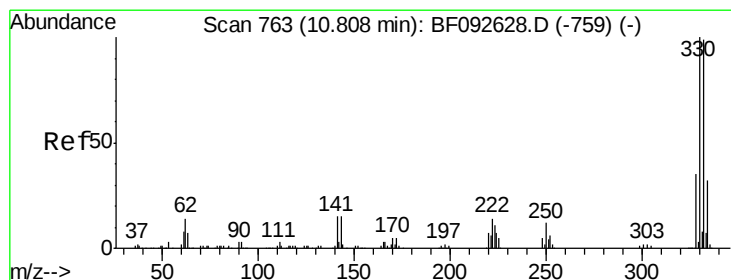
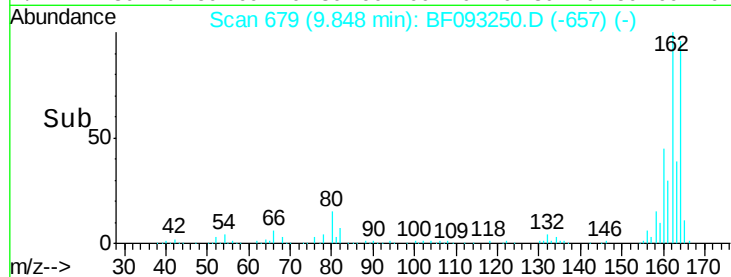
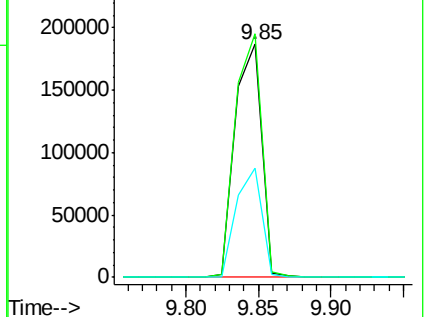
160 47.0 36.9 55.3



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: 102.31 ng

RT: 10.64 min Scan# 748

Delta R.T. -0.05 min

Lab File: BF093250.D

Acq: 28 Feb 2017 16:00

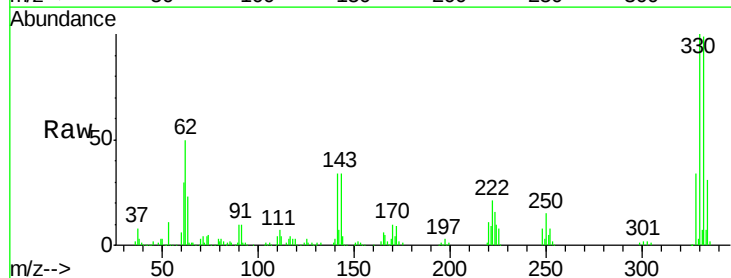
Tgt Ion:330 Resp: 176365

Ion Ratio Lower Upper

330 100

332 99.0 77.4 116.2

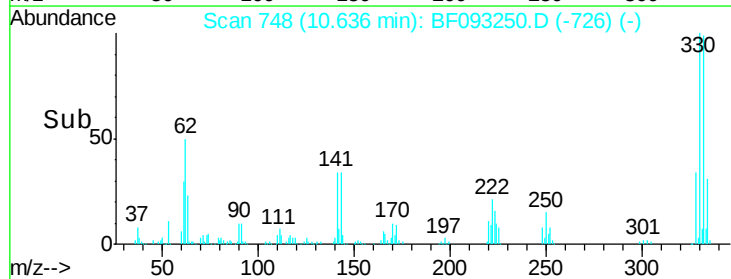
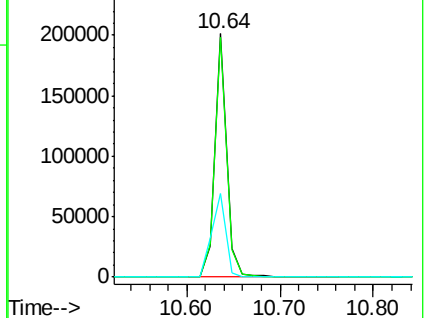
141 41.5 34.1 51.1



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

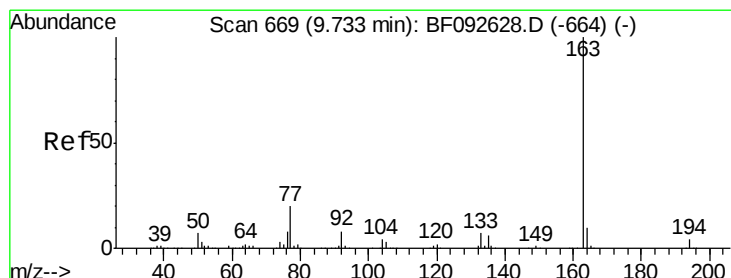
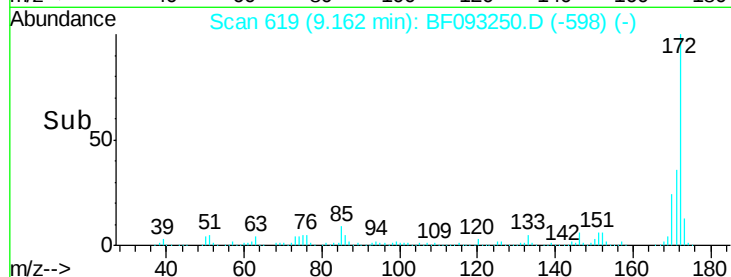
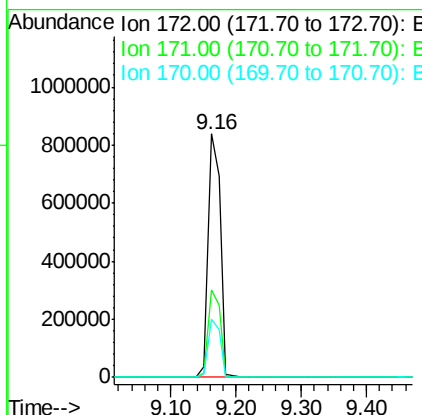
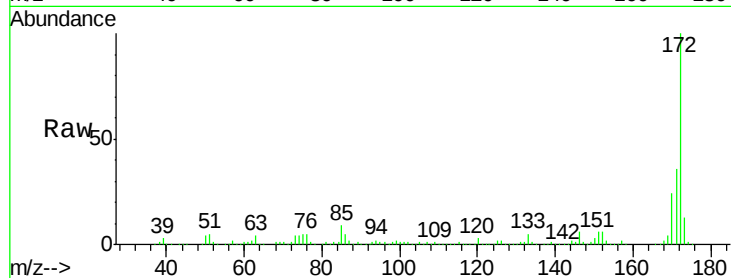




#44
 2-Fluorobiphenyl
 Concen: 83.30 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.06 min
 Lab File: BF093250.D
 Acq: 28 Feb 2017 16:00

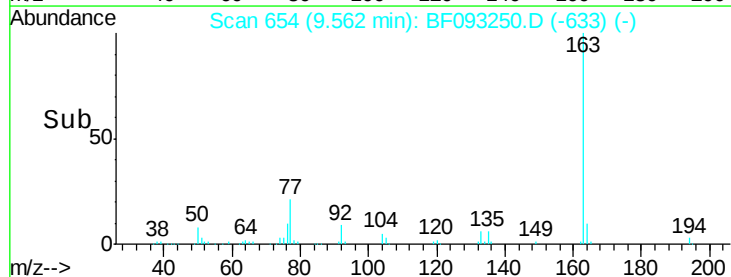
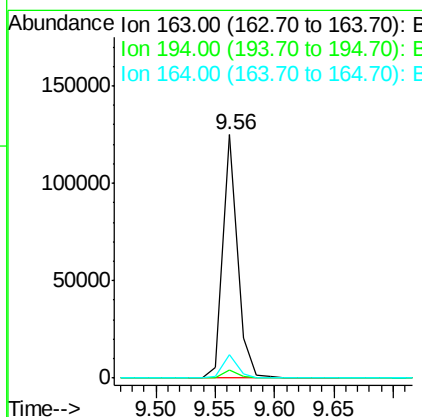
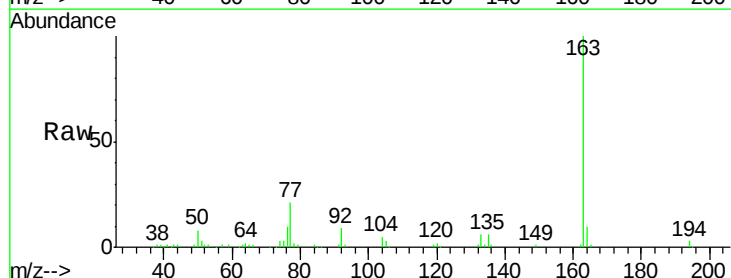
Instrument :
 BNA_F
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 TK3-2-20170227

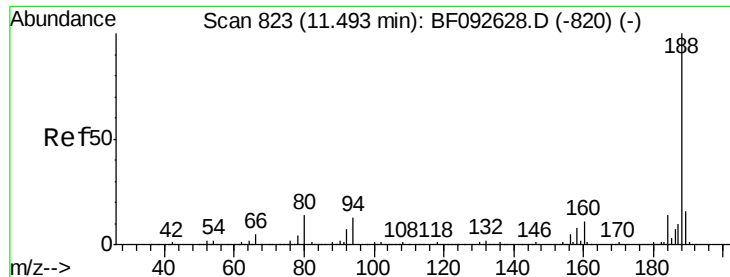
Tgt Ion:172 Resp: 1095802
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.4 44.0
 170 24.0 20.2 30.4



#49
 Dimethylphthalate
 Concen: 6.60 ng
 RT: 9.56 min Scan# 654
 Delta R.T. -0.06 min
 Lab File: BF093250.D
 Acq: 28 Feb 2017 16:00

Tgt Ion:163 Resp: 105996
 Ion Ratio Lower Upper
 163 100
 194 3.4 3.0 4.4
 164 9.7 8.0 12.0

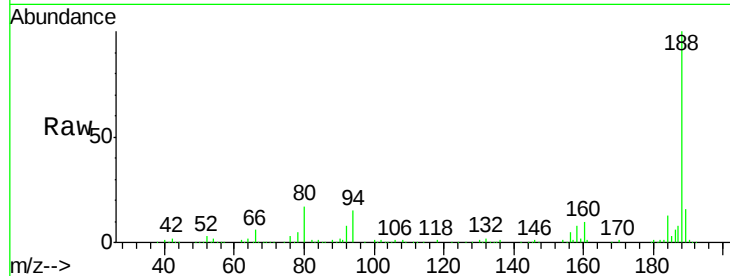




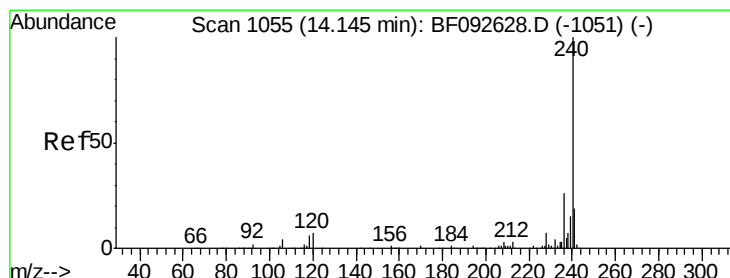
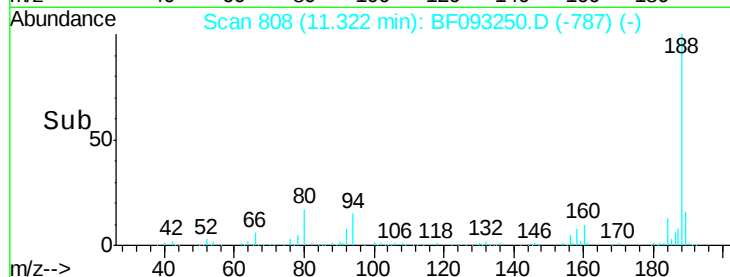
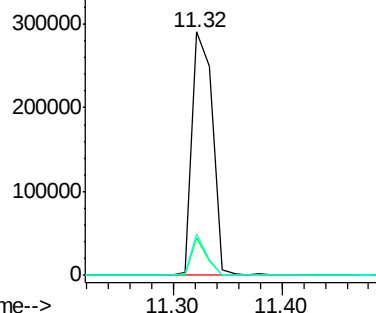
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. -0.06 min
Lab File: BF093250.D
Acq: 28 Feb 2017 16:00

Instrument :
BNA_F
ClientSampleId :
TK3-2-20170227

Tgt Ion:188 Resp: 381986
Ion Ratio Lower Upper
188 100
94 15.4 10.0 15.0#
80 16.9 11.2 16.8#

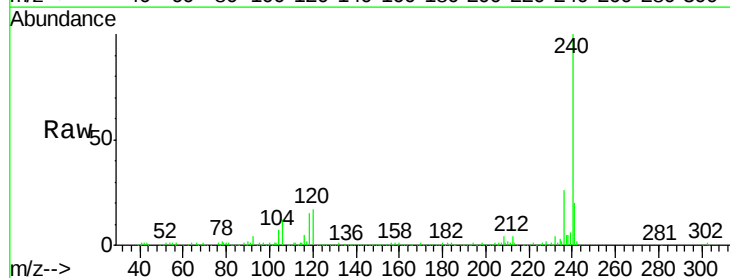


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

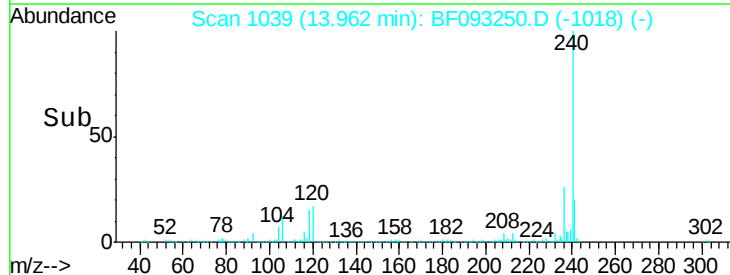
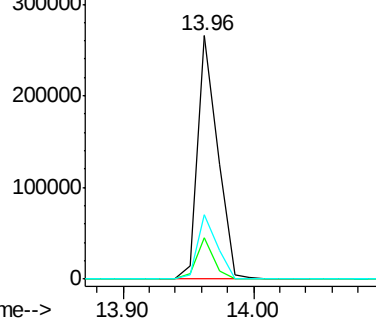


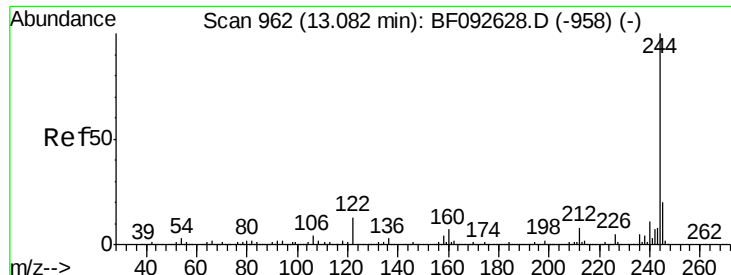
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.96 min Scan# 1039
Delta R.T. -0.06 min
Lab File: BF093250.D
Acq: 28 Feb 2017 16:00

Tgt Ion:240 Resp: 283224
Ion Ratio Lower Upper
240 100
120 17.2 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

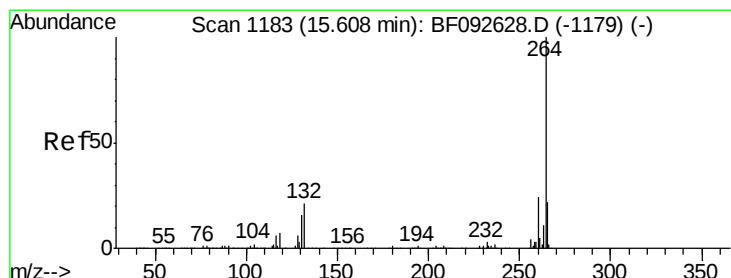
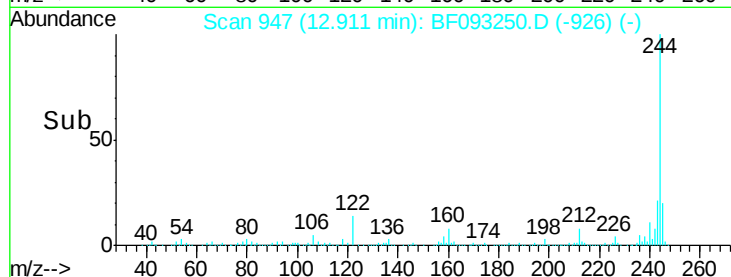
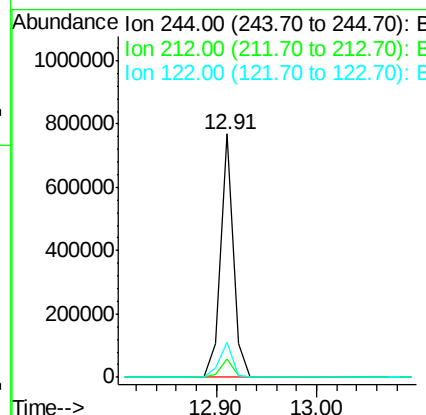
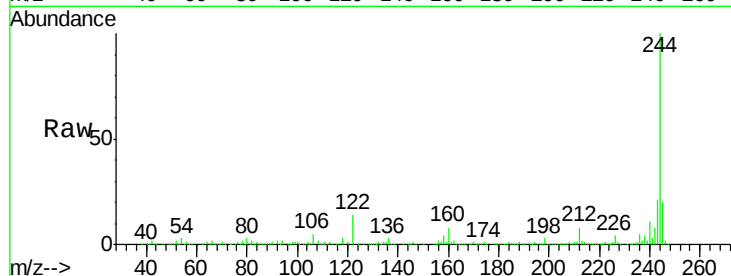




#78
 Terphenyl-d14
 Concen: 56.28 ng
 RT: 12.91 min Scan# 947
 Delta R.T. -0.06 min
 Lab File: BF093250.D
 Acq: 28 Feb 2017 16:00

Instrument :
 BNA_F
 ClientSampleId :
 TK3-2-20170227

Tgt Ion:244 Resp: 678346
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 14.1 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: BF093250.D
 Acq: 28 Feb 2017 16:00

Tgt Ion:264 Resp: 291270
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 21.0 17.4 26.0

