

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022817\
 Data File : BF093252.D
 Acq On : 28 Feb 2017 16:55
 Operator : SJ/MA
 Sample : I2017-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TK3-4-20170227

Quant Time: Feb 28 17:23:11 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

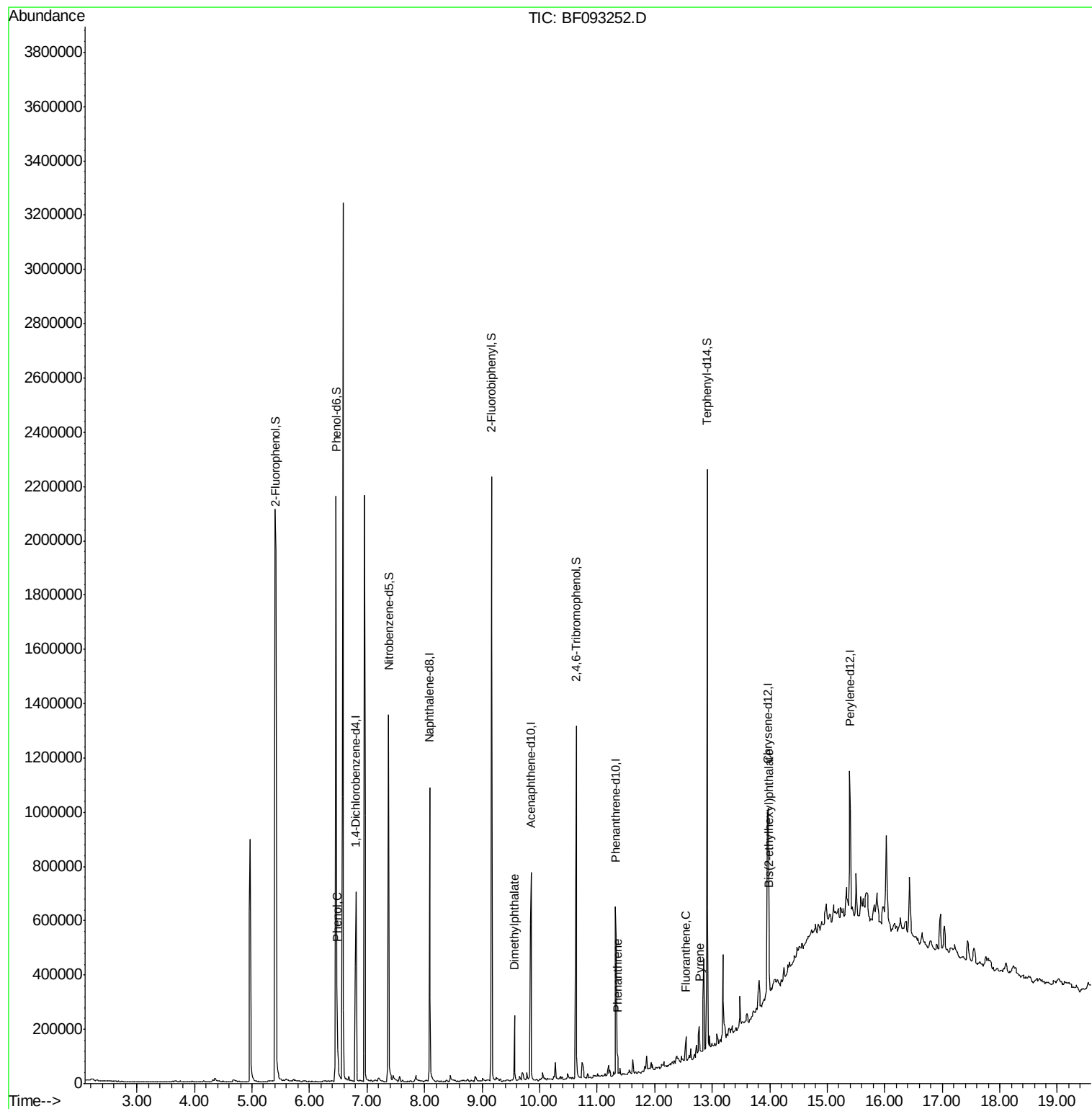
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	132971	20.00	ng	-0.05
21) Naphthalene-d8	8.09	136	488292	20.00	ng	-0.06
38) Acenaphthene-d10	9.85	164	200121	20.00	ng	-0.05
63) Phenanthrene-d10	11.32	188	313495	20.00	ng	-0.06
75) Chrysene-d12	13.97	240	313081	20.00	ng	-0.05
86) Perylene-d12	15.39	264	243038	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	886965	114.44	ng	-0.03
7) Phenol-d6	6.46	99	1131341	113.45	ng	-0.02
23) Nitrobenzene-d5	7.38	82	668768	76.27	ng	-0.05
41) 2,4,6-Tribromophenol	10.64	330	152037	105.04	ng	-0.05
44) 2-Fluorobiphenyl	9.16	172	952894	86.26	ng	-0.06
78) Terphenyl-d14	12.91	244	619533	46.50	ng	-0.06
Target Compounds						Qvalue
10) Phenol	6.48	94	70335	6.03	ng	# 72
49) Dimethylphthalate	9.56	163	86345	6.41	ng	99
70) Phenanthrene	11.36	178	38570	2.15	ng	98
74) Fluoranthene	12.55	202	44100	2.38	ng	94
77) Pyrene	12.77	202	52938	2.26	ng	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	86716	6.66	ng	# 96

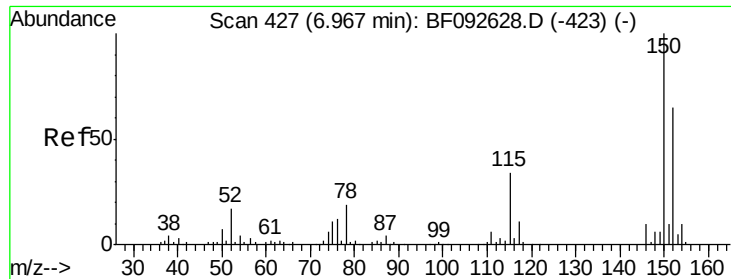
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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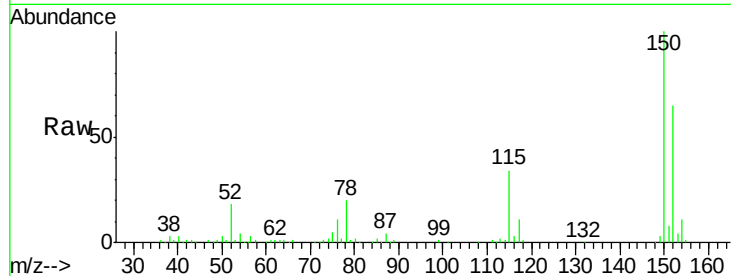


#1

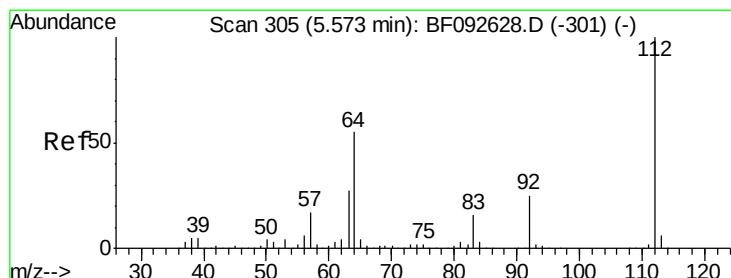
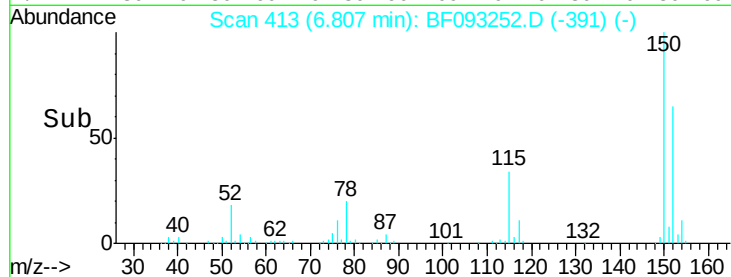
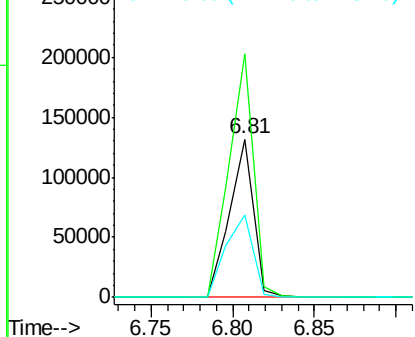
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.81 min Scan# 413
 Delta R.T. -0.05 min
 Lab File: BF093252.D
 Acq: 28 Feb 2017 16:55

Instrument :
 BNA_F
 ClientSampleId :
 TK3-4-20170227

Tgt Ion:152 Resp: 132971
 Ion Ratio Lower Upper
 152 100
 150 153.7 124.9 187.3
 115 51.9 46.0 69.0



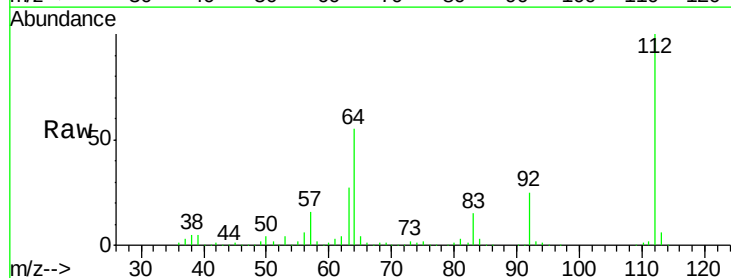
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



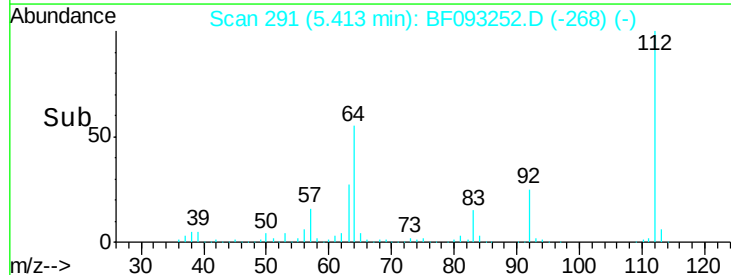
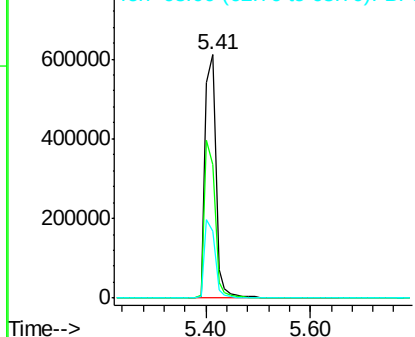
#5

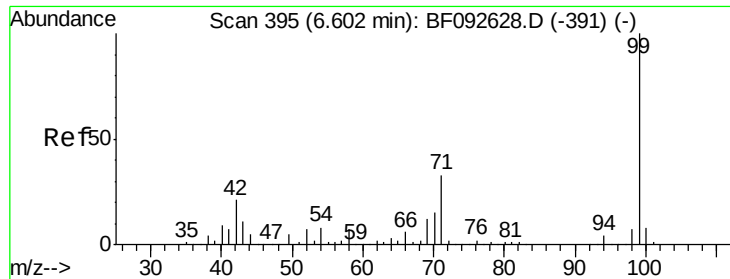
2-Fluorophenol
 Concen: 114.44 ng
 RT: 5.41 min Scan# 291
 Delta R.T. -0.03 min
 Lab File: BF093252.D
 Acq: 28 Feb 2017 16:55

Tgt Ion:112 Resp: 886965
 Ion Ratio Lower Upper
 112 100
 64 55.1 46.1 69.1
 63 27.4 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: 113.45 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.02 min

Lab File: BF093252.D

Acq: 28 Feb 2017 16:55

Instrument :

BNA_F

ClientSampleId :

TK3-4-20170227

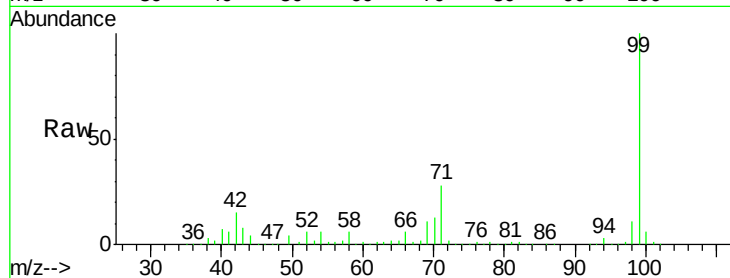
Tgt Ion: 99 Resp: 1131341

Ion Ratio Lower Upper

99 100

42 15.3 15.6 23.4#

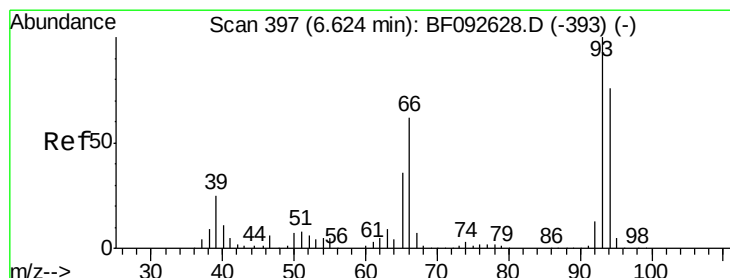
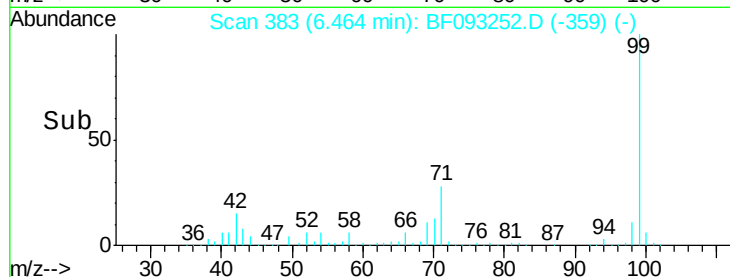
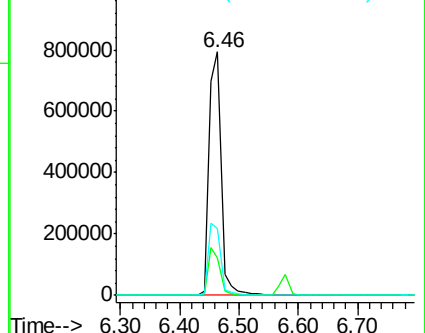
71 27.6 27.5 41.3



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: 6.03 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.03 min

Lab File: BF093252.D

Acq: 28 Feb 2017 16:55

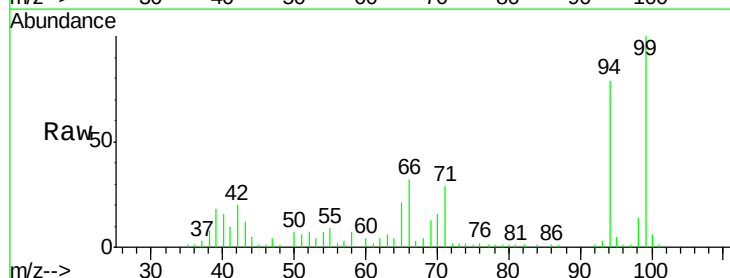
Tgt Ion: 94 Resp: 70335

Ion Ratio Lower Upper

94 100

65 26.0 21.4 61.4

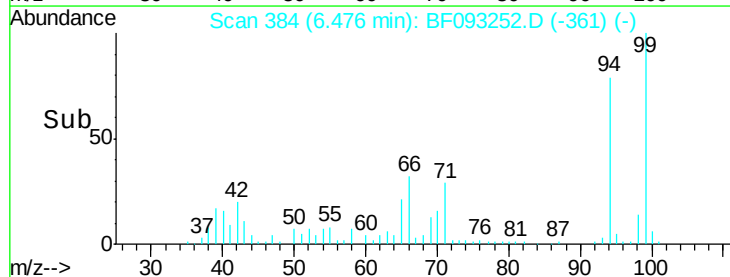
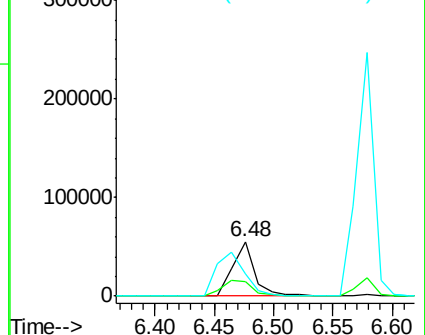
66 40.0 44.0 84.0#

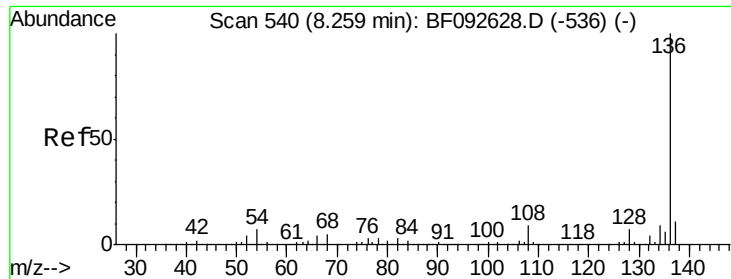


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

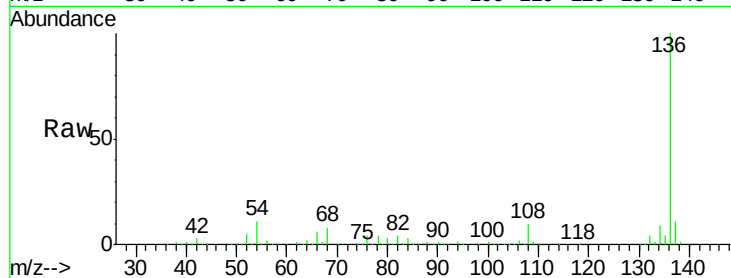




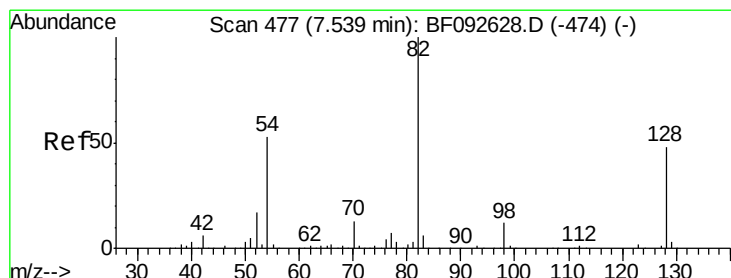
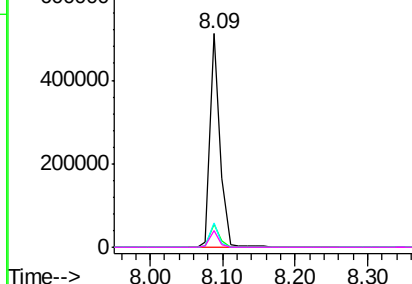
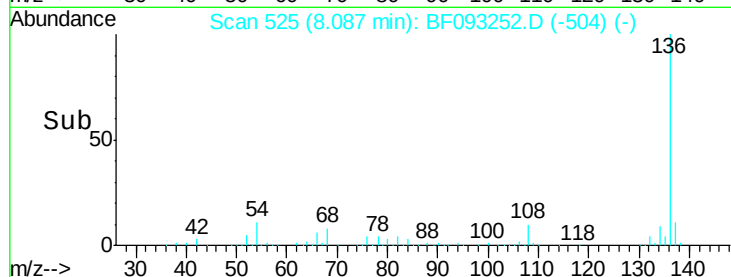
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.06 min
Lab File: BF093252.D
Acq: 28 Feb 2017 16:55

Instrument :
BNA_F
ClientSampleId :
TK3-4-20170227

Tgt Ion:	136	Resp:	488292
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	11.5	4.5	6.7#
68	8.0	3.6	5.4#

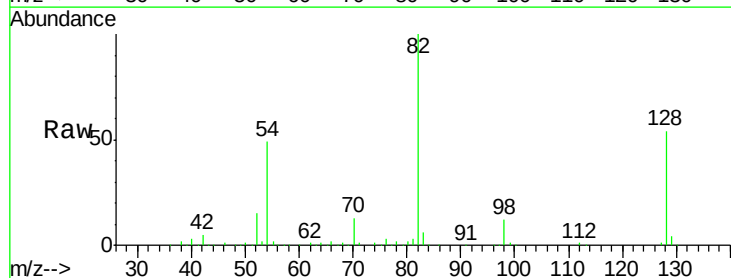


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

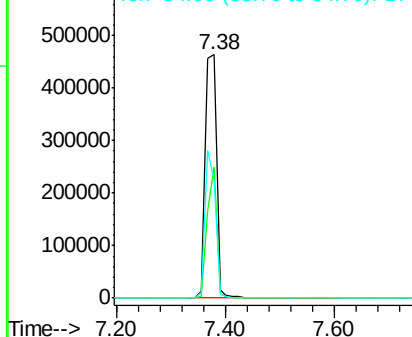
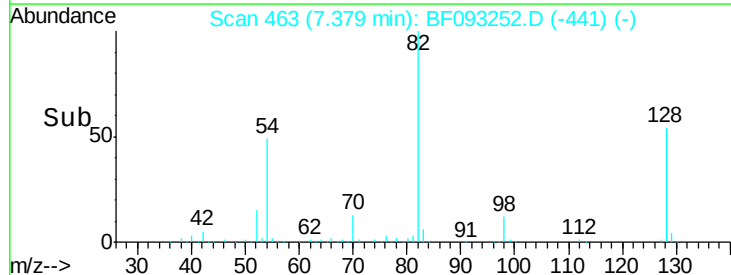


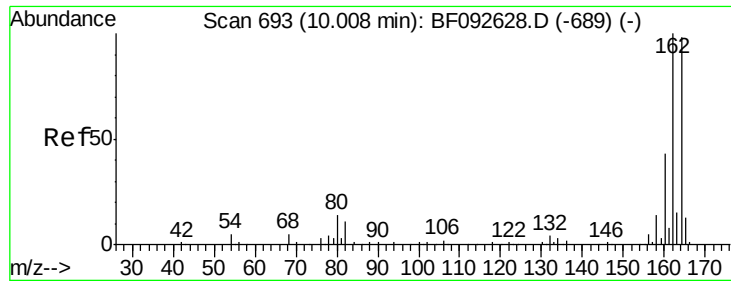
#23
Nitrobenzene-d5
Concen: 76.27 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.05 min
Lab File: BF093252.D
Acq: 28 Feb 2017 16:55

Tgt Ion:	82	Resp:	668768
Ion	Ratio	Lower	Upper
82	100		
128	53.5	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: BF093252.D

Acq: 28 Feb 2017 16:55

Instrument :

BNA_F

ClientSampleId :

TK3-4-20170227

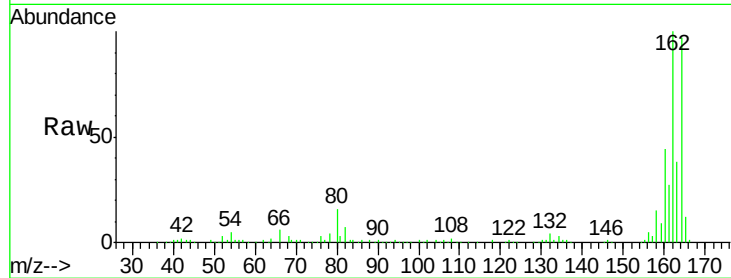
Tgt Ion:164 Resp: 200121

Ion Ratio Lower Upper

164 100

162 103.2 80.2 120.2

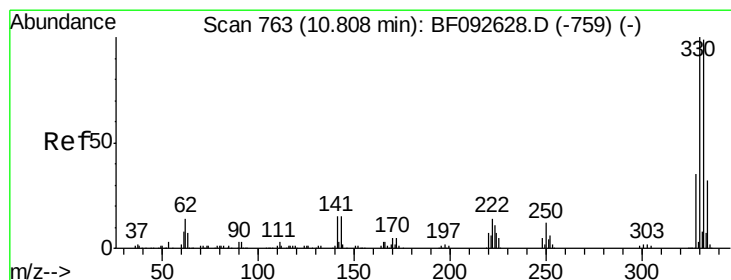
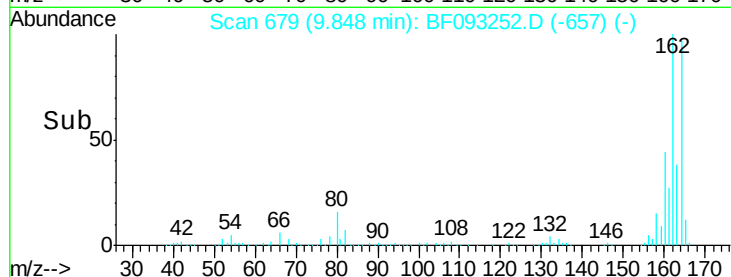
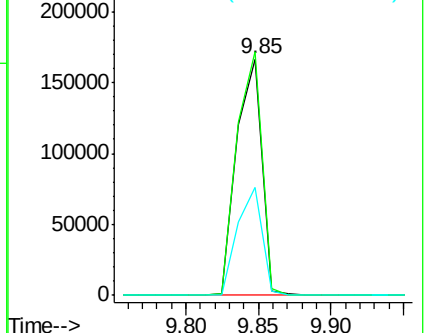
160 45.9 36.9 55.3



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: 105.04 ng

RT: 10.64 min Scan# 748

Delta R.T. -0.05 min

Lab File: BF093252.D

Acq: 28 Feb 2017 16:55

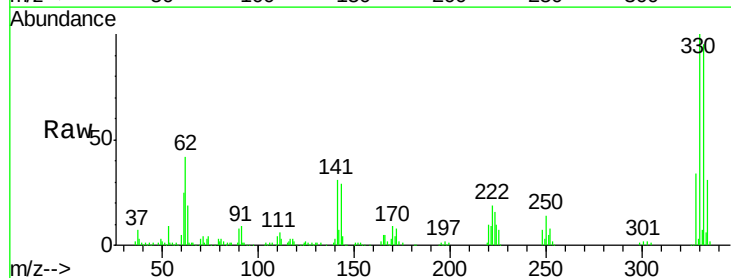
Tgt Ion:330 Resp: 152037

Ion Ratio Lower Upper

330 100

332 95.1 77.4 116.2

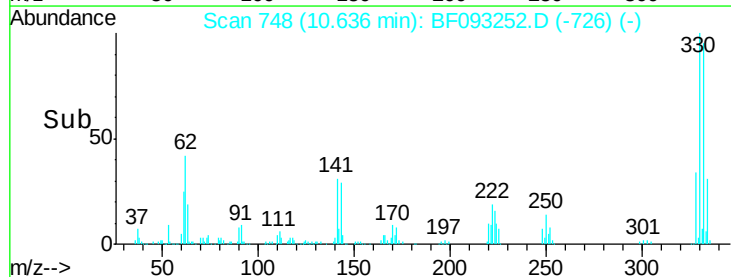
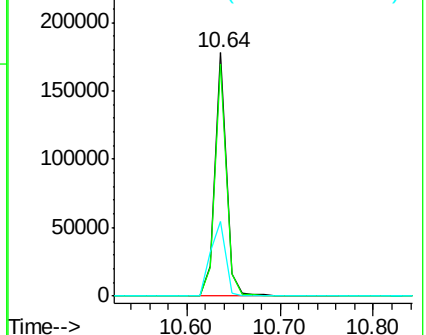
141 40.8 34.1 51.1

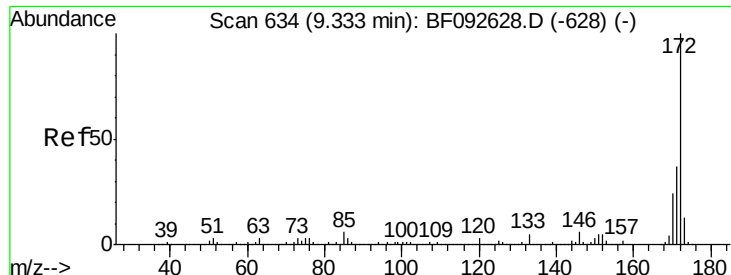


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

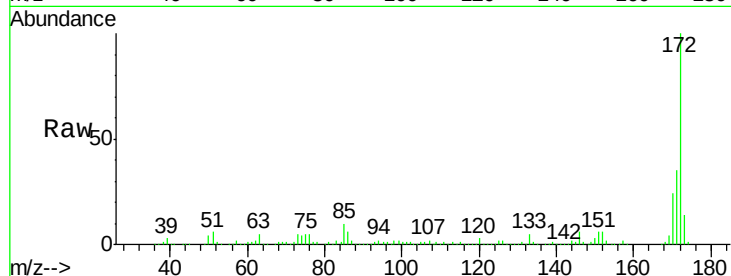




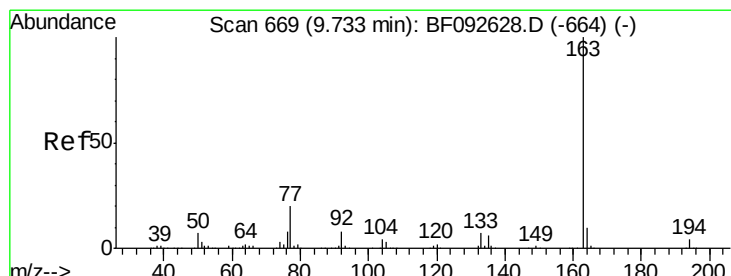
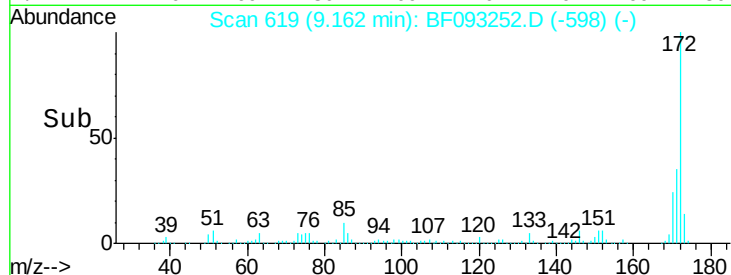
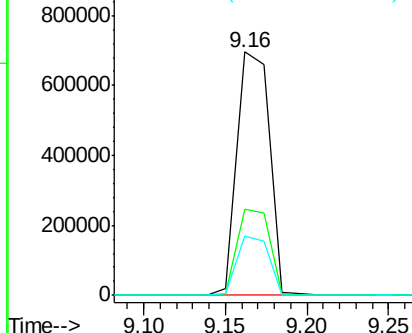
#44
 2-Fluorobiphenyl
 Concen: 86.26 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.06 min
 Lab File: BF093252.D
 Acq: 28 Feb 2017 16:55

Instrument :
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Tgt Ion:172 Resp: 952894
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.4 44.0
 170 24.3 20.2 30.4

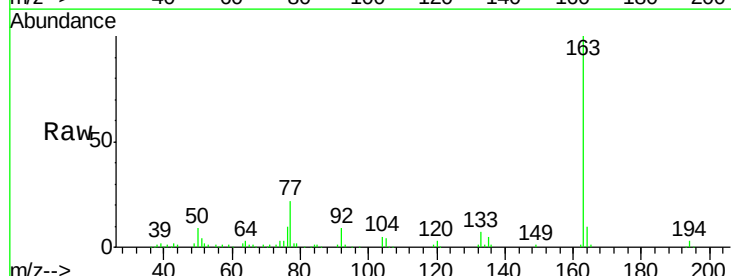


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

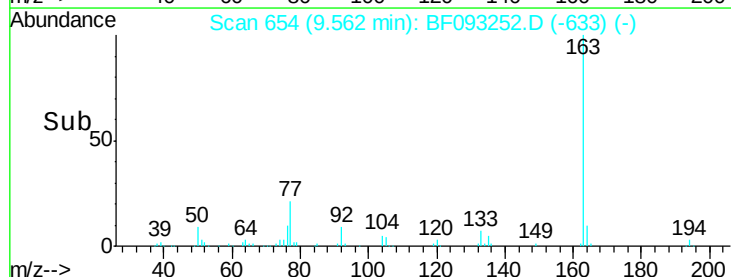
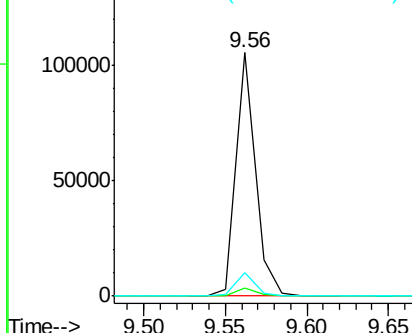


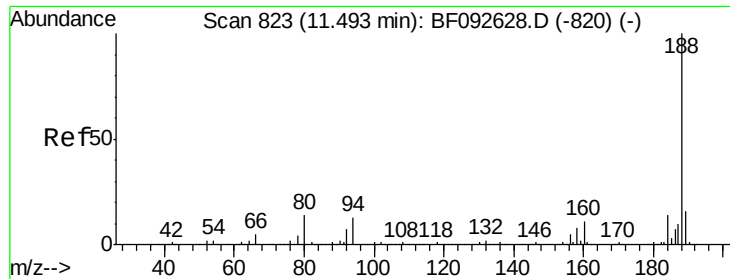
#49
 Dimethylphthalate
 Concen: 6.41 ng
 RT: 9.56 min Scan# 654
 Delta R.T. -0.06 min
 Lab File: BF093252.D
 Acq: 28 Feb 2017 16:55

Tgt Ion:163 Resp: 86345
 Ion Ratio Lower Upper
 163 100
 194 3.1 3.0 4.4
 164 9.8 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

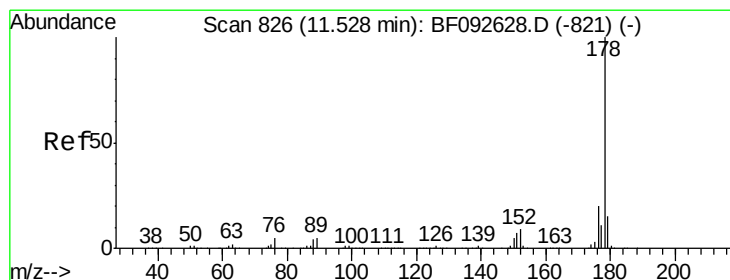
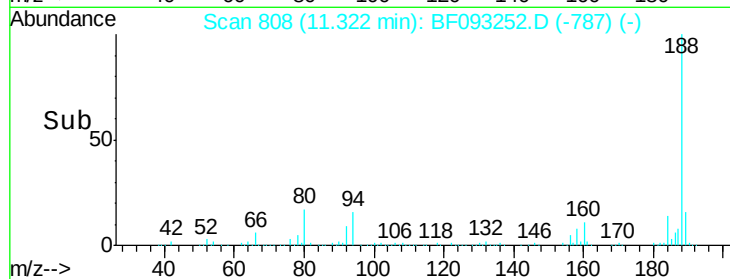
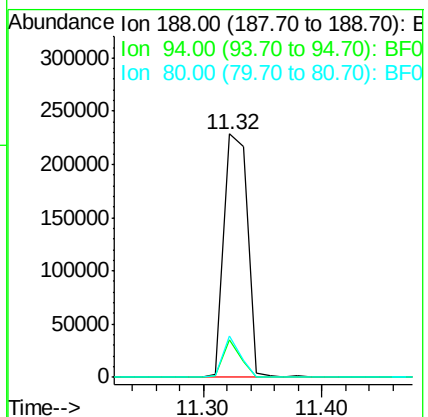
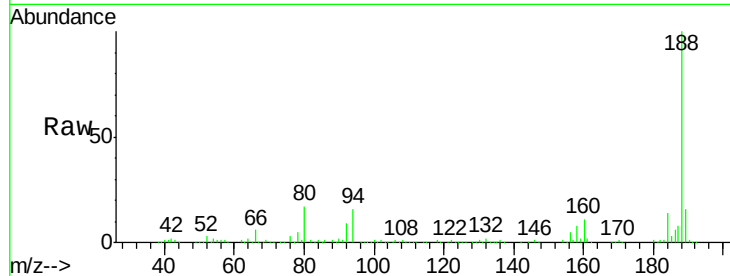




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. -0.06 min
Lab File: BF093252.D
Acq: 28 Feb 2017 16:55

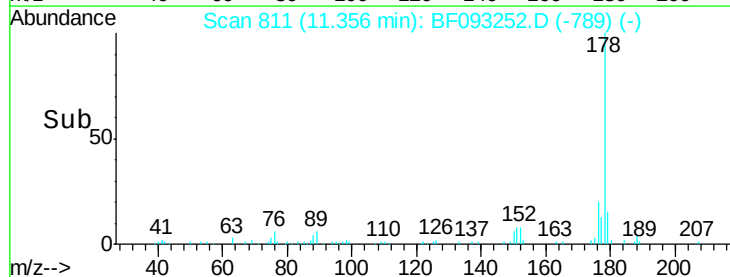
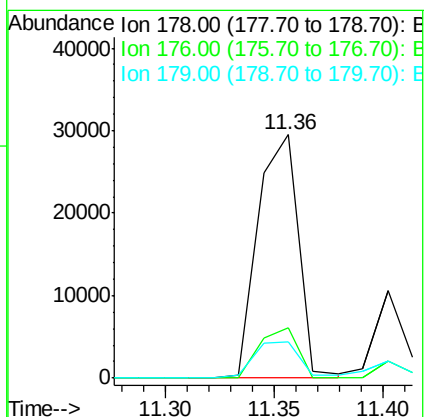
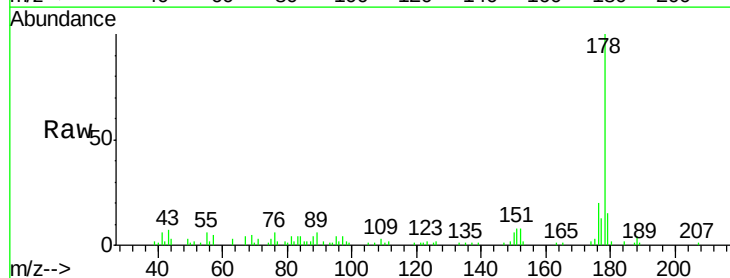
Instrument :
BNA_F
ClientSampleId :
TK3-4-20170227

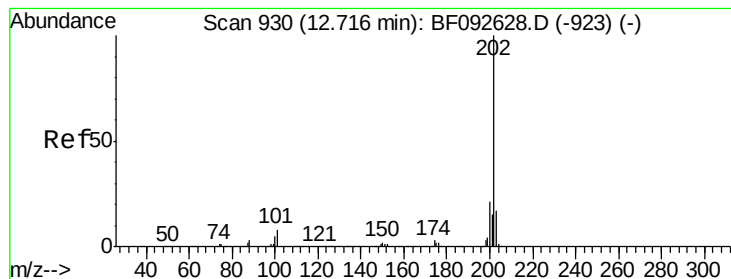
Tgt Ion:188 Resp: 313495
Ion Ratio Lower Upper
188 100
94 15.6 10.0 15.0#
80 17.2 11.2 16.8#



#70
Phenanthrene
Concen: 2.15 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.05 min
Lab File: BF093252.D
Acq: 28 Feb 2017 16:55

Tgt Ion:178 Resp: 38570
Ion Ratio Lower Upper
178 100
176 20.5 16.6 25.0
179 14.9 12.8 19.2





#74

Fluoranthene

Concen: 2.38 ng

RT: 12.55 min Scan# 915

Delta R.T. -0.05 min

Lab File: BF093252.D

Acq: 28 Feb 2017 16:55

Instrument :

BNA_F

ClientSampleId :

TK3-4-20170227

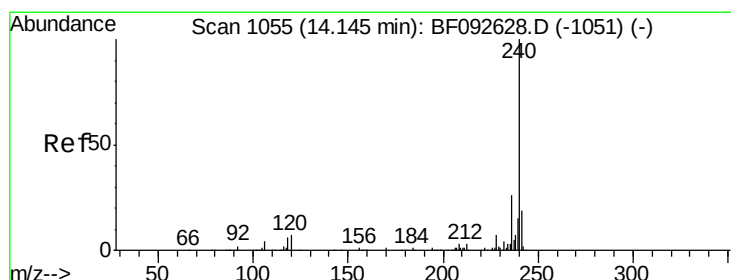
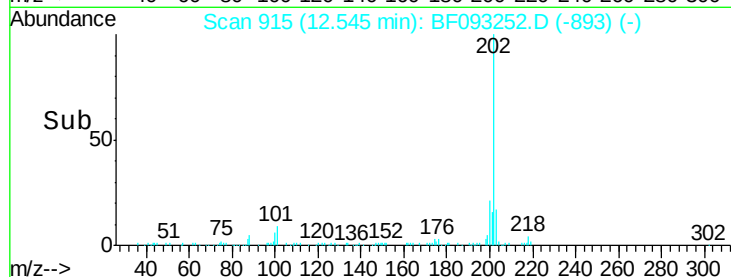
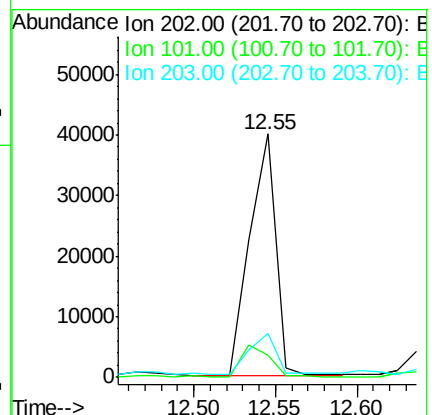
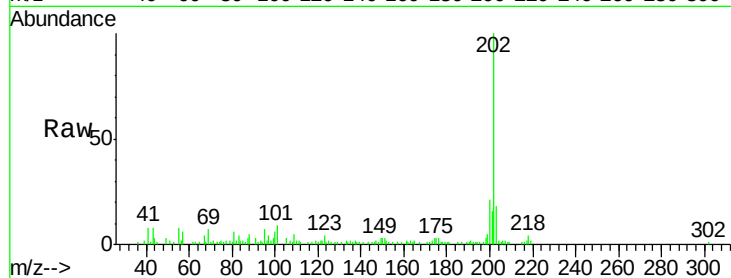
Tgt Ion:202 Resp: 44100

Ion Ratio Lower Upper

202 100

101 9.3 0.0 34.6

203 18.0 0.0 38.7



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.05 min

Lab File: BF093252.D

Acq: 28 Feb 2017 16:55

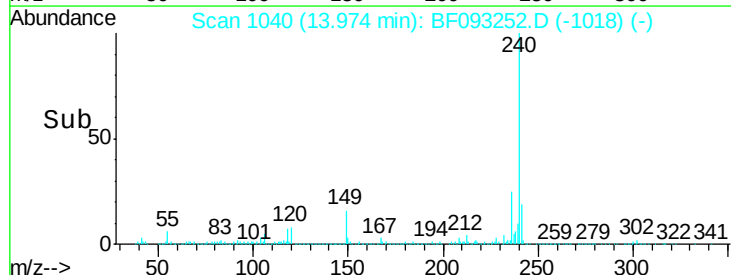
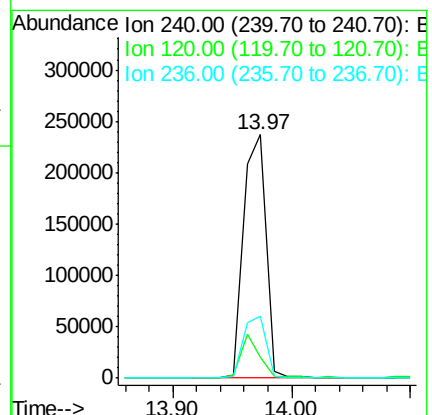
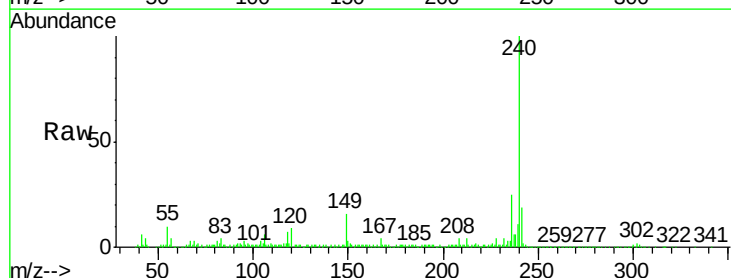
Tgt Ion:240 Resp: 313081

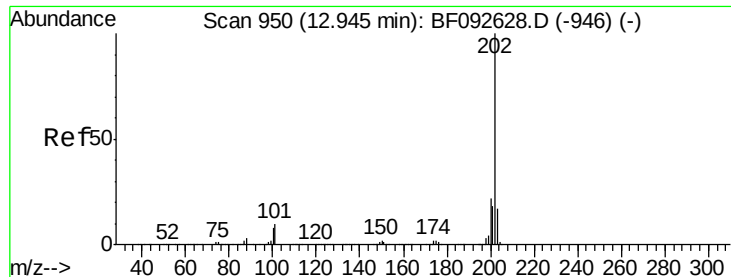
Ion Ratio Lower Upper

240 100

120 8.5 12.9 19.3#

236 25.4 20.9 31.3





#77

Pyrene

Concen: 2.26 ng

RT: 12.77 min Scan# 935

Delta R.T. -0.05 min

Lab File: BF093252.D

Acq: 28 Feb 2017 16:55

Instrument :

BNA_F

ClientSampleId :

TK3-4-20170227

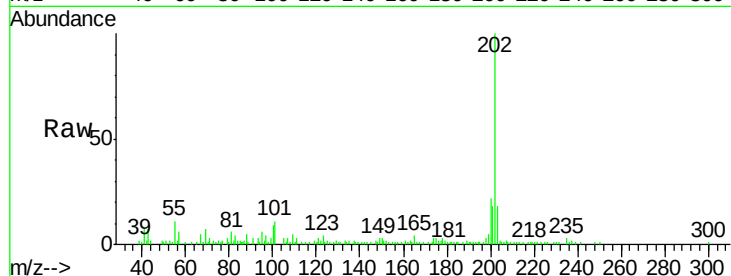
Tgt Ion:202 Resp: 52938

Ion Ratio Lower Upper

202 100

200 21.6 17.7 26.5

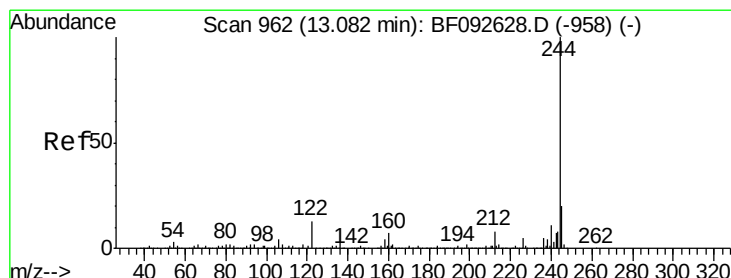
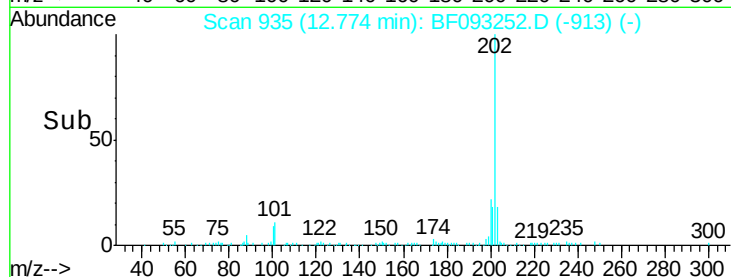
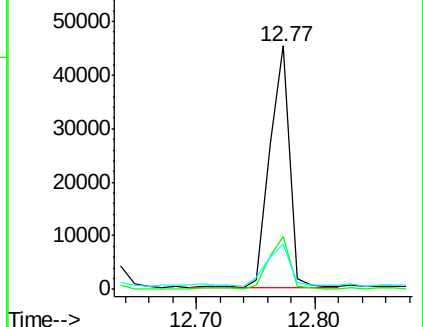
203 18.5 14.7 22.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 46.50 ng

RT: 12.91 min Scan# 947

Delta R.T. -0.06 min

Lab File: BF093252.D

Acq: 28 Feb 2017 16:55

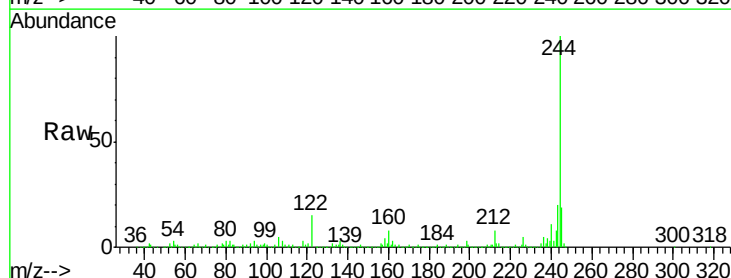
Tgt Ion:244 Resp: 619533

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

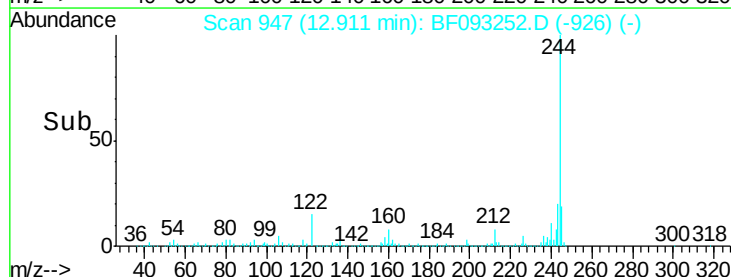
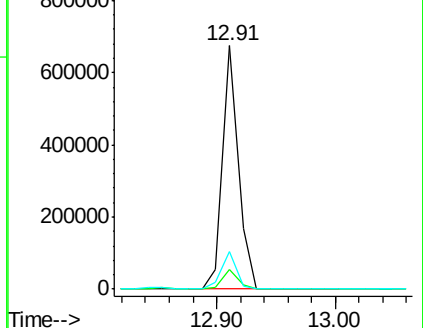
122 15.3 11.4 17.2

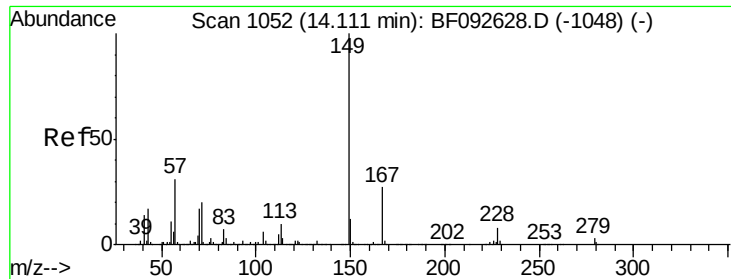


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

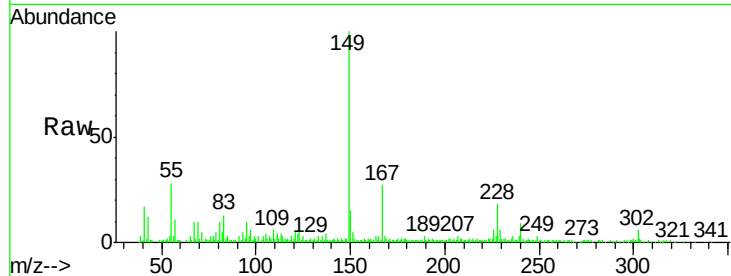




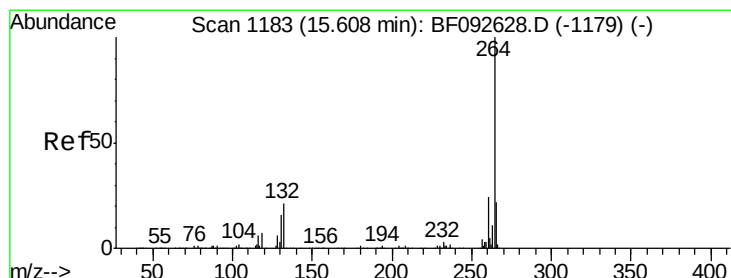
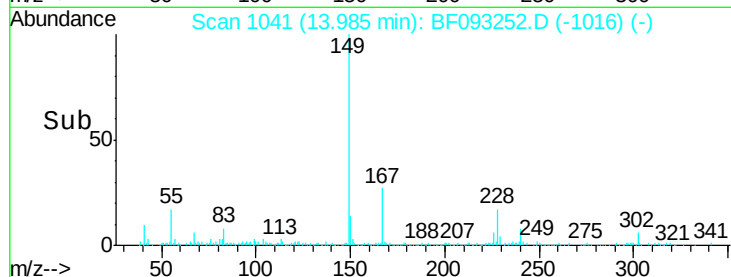
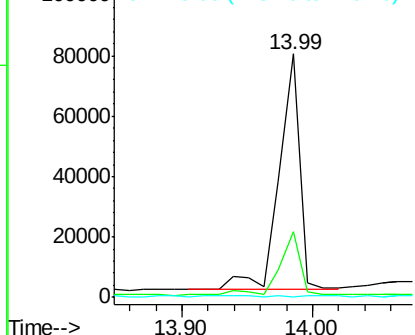
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 6.66 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BF093252.D
 Acq: 28 Feb 2017 16:55

Instrument :
 BNA_F
 ClientSampleId :
 TK3-4-20170227

Tgt Ion:149 Resp: 86716
 Ion Ratio Lower Upper
 149 100
 167 27.1 20.2 30.4
 279 0.0 1.8 2.8#

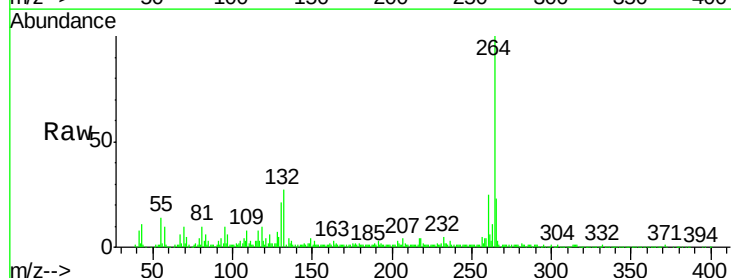


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.39 min Scan# 1164
 Delta R.T. -0.06 min
 Lab File: BF093252.D
 Acq: 28 Feb 2017 16:55

Tgt Ion:264 Resp: 243038
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.2 28.8
 265 22.9 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

