

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031117\
 Data File : BF093594.D
 Acq On : 12 Mar 2017 6:43
 Operator : SJ/MA
 Sample : I2190-01
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 030617-DSDC-E-D-M

Quant Time: Mar 13 18:12:37 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 15:05:08 2017
 Response via : Initial Calibration

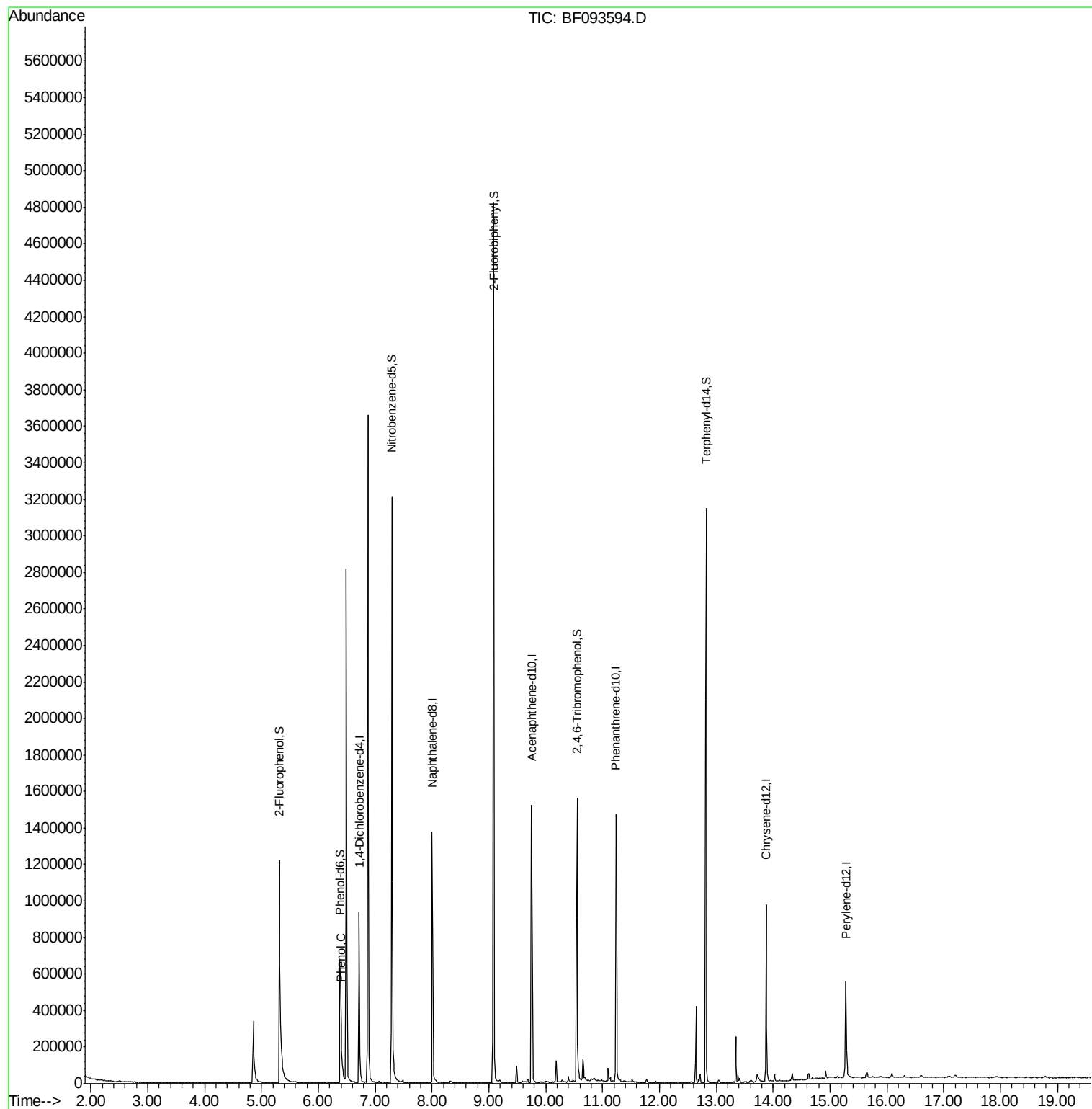
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	189192	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	788593	20.00	ng	-0.01
38) Acenaphthene-d10	9.75	164	343556	20.00	ng	-0.01
63) Phenanthrene-d10	11.24	188	546107	20.00	ng	-0.01
75) Chrysene-d12	13.88	240	357643	20.00	ng	-0.01
86) Perylene-d12	15.28	264	313809	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	546453	48.07	ng	0.00
7) Phenol-d6	6.38	99	443179	30.92	ng	0.00
23) Nitrobenzene-d5	7.29	82	1183678	83.28	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	202658	90.54	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	2048450	110.90	ng	0.00
78) Terphenyl-d14	12.82	244	1241121	90.22	ng	0.00
Target Compounds						
10) Phenol	6.40	94	35564	2.02	ng	Qvalue 90

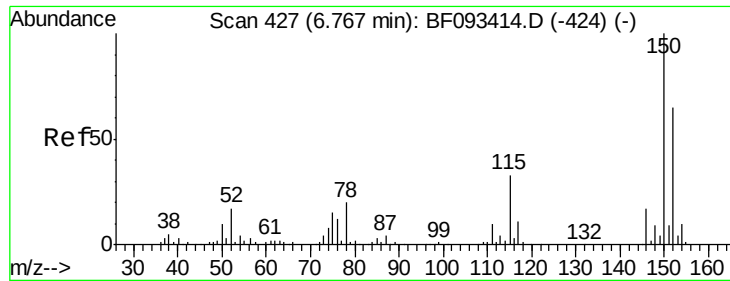
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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030617-DSDC-E-D-M

Quant Time: Mar 13 18:12:37 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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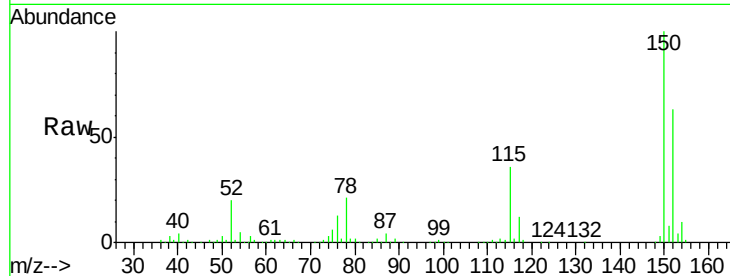


#1

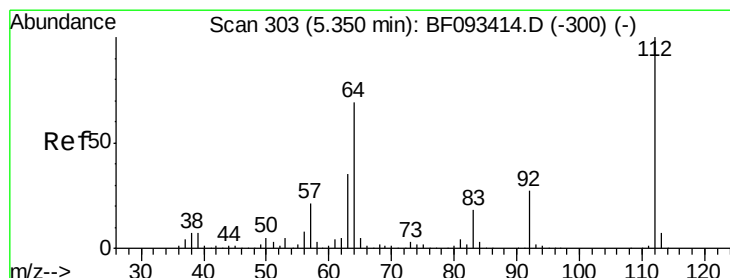
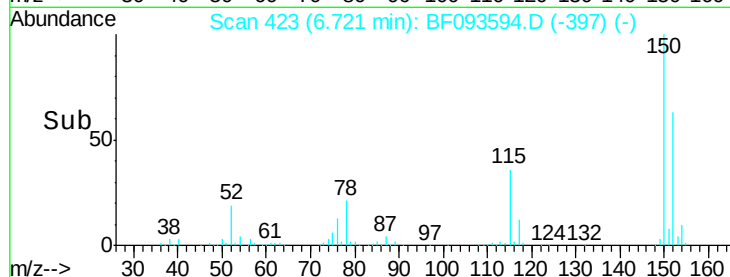
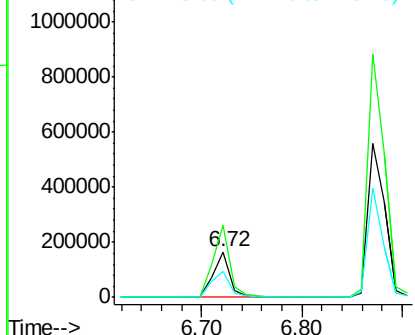
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.72 min Scan# 423
Delta R.T. -0.00 min
Lab File: BF093594.D
Acq: 12 Mar 2017 6:43

Instrument :
BNA_F
ClientSampleId :
030617-DSDC-E-D-M

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.4	124.9	187.3
115	57.4	46.0	69.0



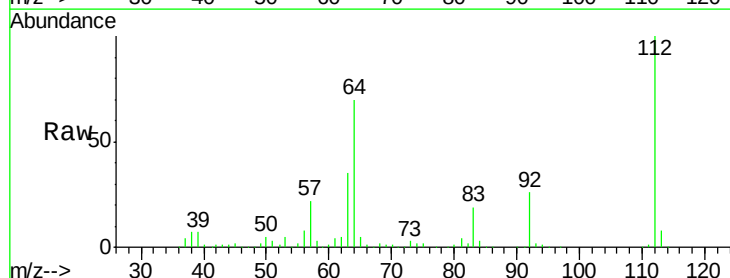
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



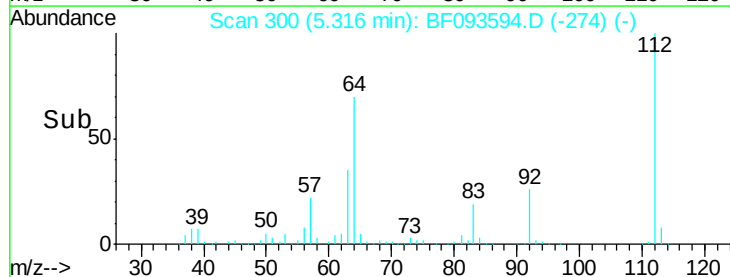
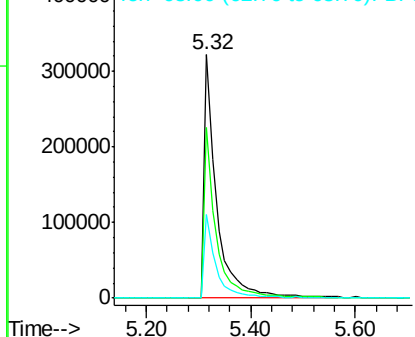
#5

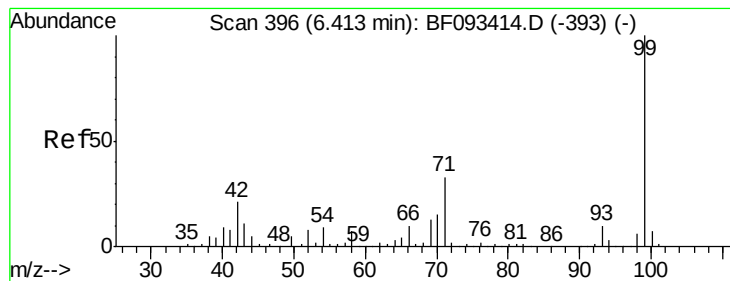
2-Fluorophenol
Concen: 48.07 ng
RT: 5.32 min Scan# 300
Delta R.T. -0.00 min
Lab File: BF093594.D
Acq: 12 Mar 2017 6:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.1	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: 30.92 ng

RT: 6.38 min Scan# 393

Delta R.T. -0.00 min

Lab File: BF093594.D

Acq: 12 Mar 2017 6:43

Instrument :

BNA_F

ClientSampleId :

030617-DSDC-E-D-M

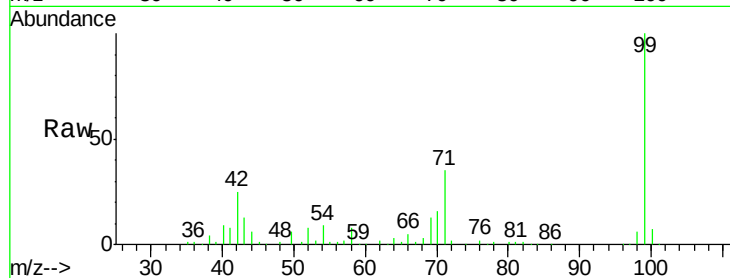
Tgt Ion: 99 Resp: 443179

Ion Ratio Lower Upper

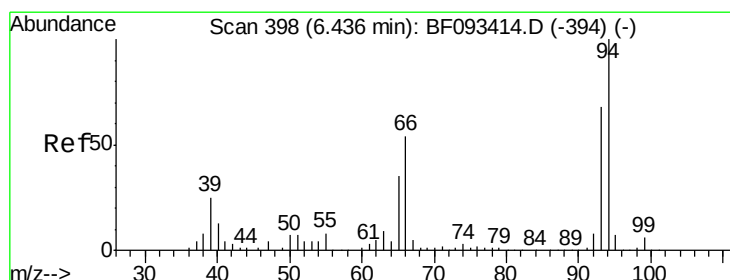
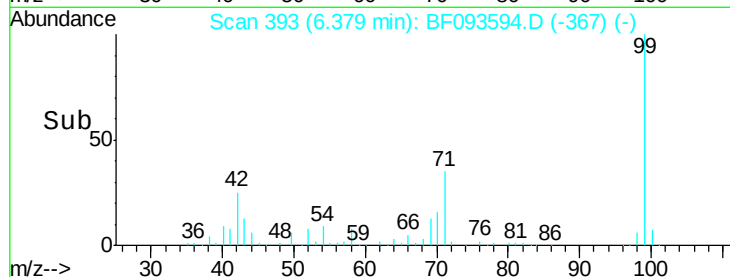
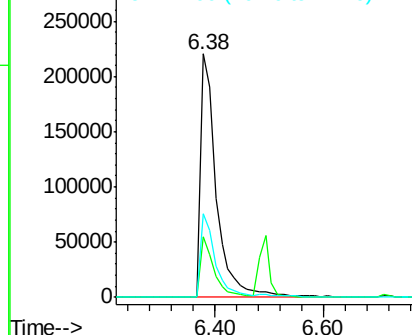
99 100

42 24.6 15.6 23.4#

71 34.6 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: 2.02 ng

RT: 6.40 min Scan# 395

Delta R.T. -0.00 min

Lab File: BF093594.D

Acq: 12 Mar 2017 6:43

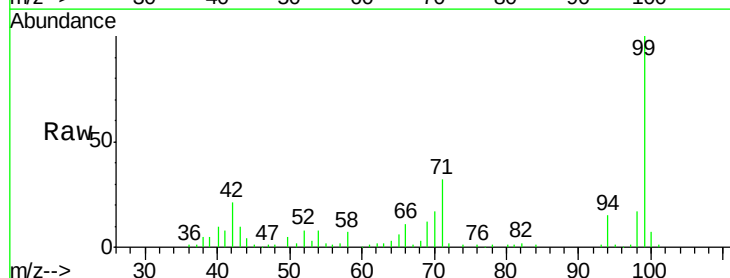
Tgt Ion: 94 Resp: 35564

Ion Ratio Lower Upper

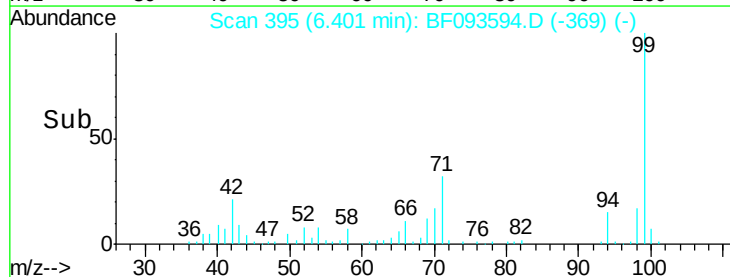
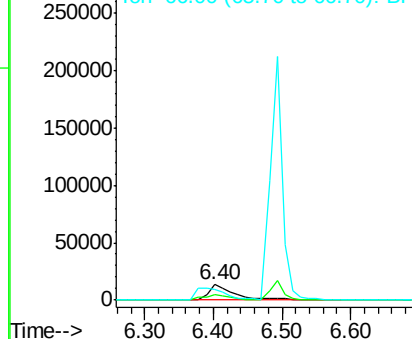
94 100

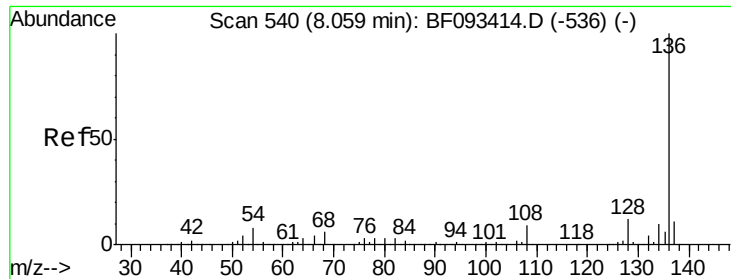
65 37.0 21.4 61.4

66 73.3 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

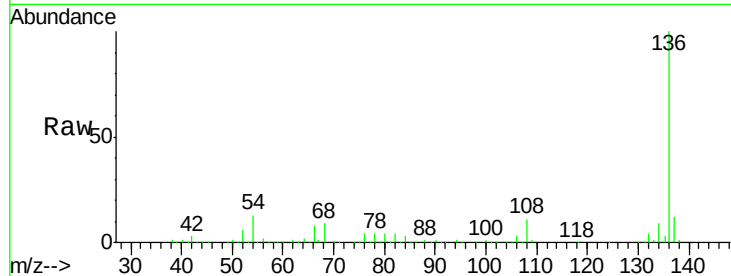




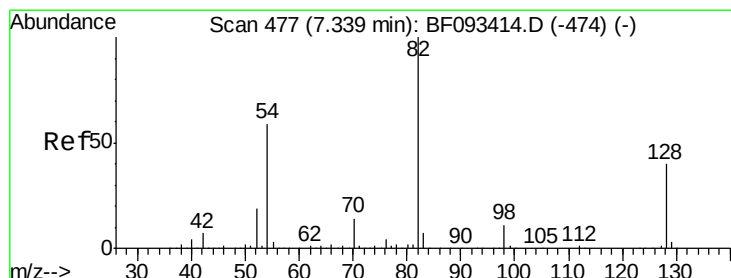
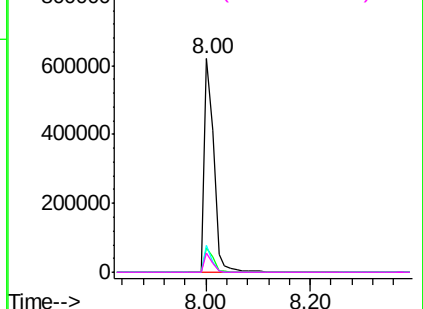
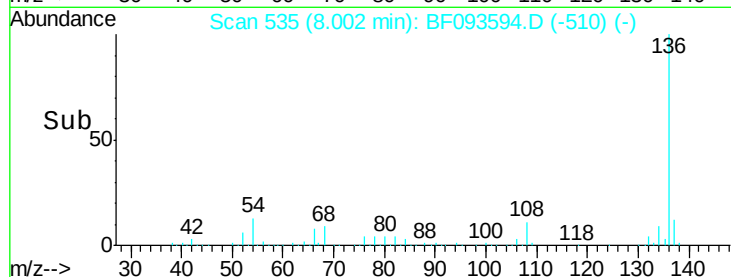
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF093594.D
Acq: 12 Mar 2017 6:43

Instrument :
BNA_F
ClientSampleId :
030617-DSDC-E-D-M

Tgt Ion:	136	Resp:	788593
Ion Ratio	Lower	Upper	
136	100		
137	11.5	8.4	12.6
54	12.8	4.5	6.7#
68	9.0	3.6	5.4#

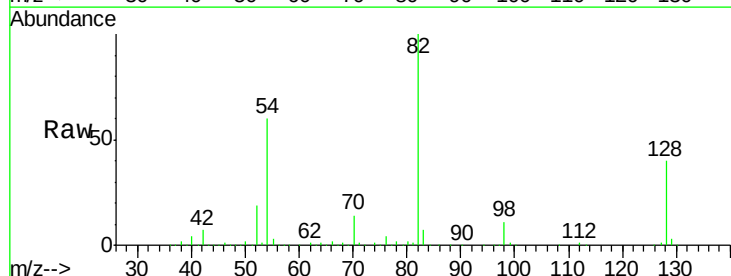


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

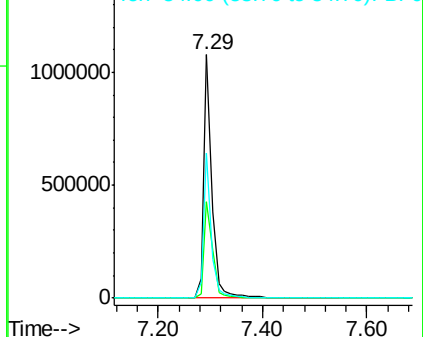
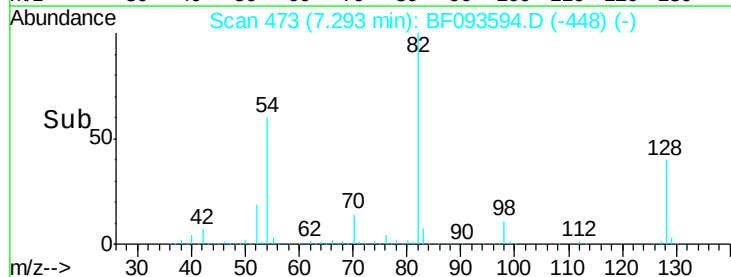


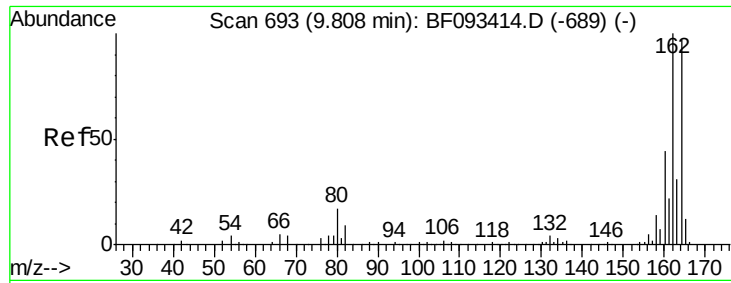
#23
Nitrobenzene-d5
Concen: 83.28 ng
RT: 7.29 min Scan# 473
Delta R.T. -0.01 min
Lab File: BF093594.D
Acq: 12 Mar 2017 6:43

Tgt Ion:	82	Resp:	1183678
Ion Ratio	Lower	Upper	
82	100		
128	39.7	34.6	52.0
54	59.8	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

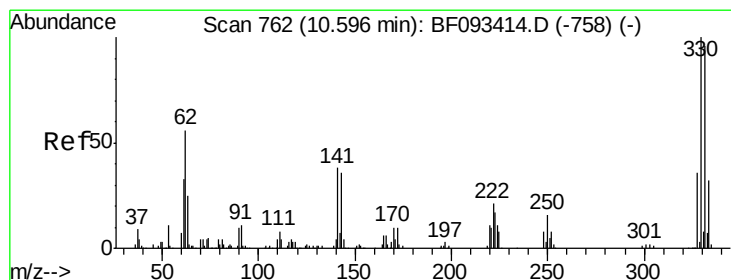
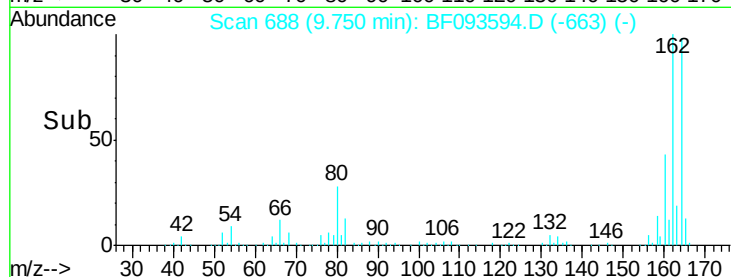
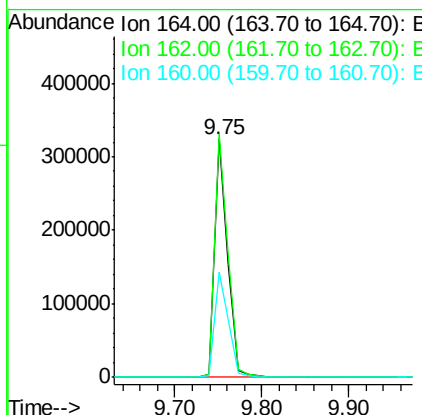
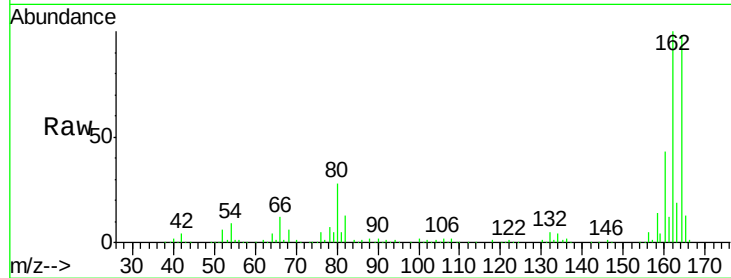




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.75 min Scan# 688
 Delta R.T. -0.01 min
 Lab File: BF093594.D
 Acq: 12 Mar 2017 6:43

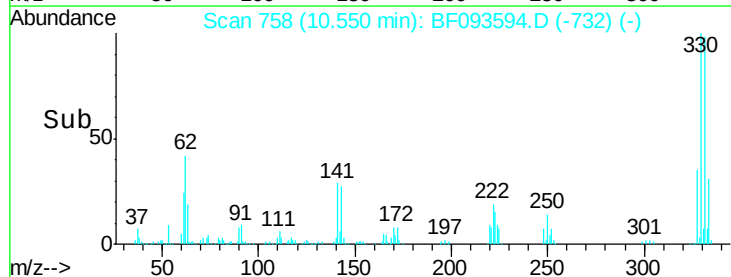
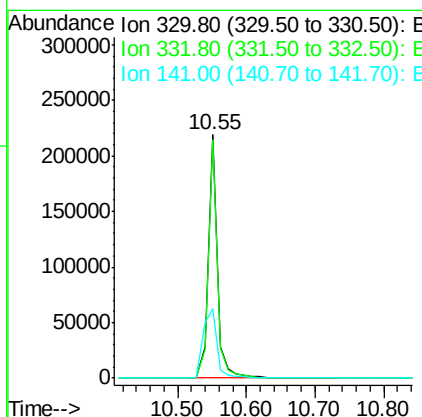
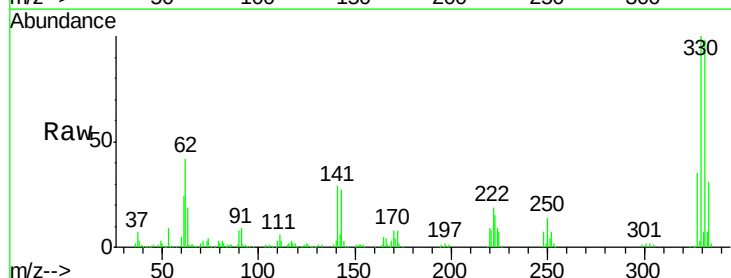
Instrument :
 BNA_F
 ClientSampleId :
 030617-DSDC-E-D-M

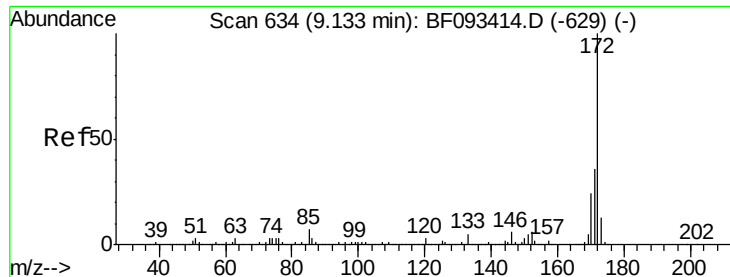
Tgt Ion:164 Resp: 343556
 Ion Ratio Lower Upper
 164 100
 162 102.2 80.2 120.2
 160 44.1 36.9 55.3



#41
 2,4,6-Tribromophenol
 Concen: 90.54 ng
 RT: 10.55 min Scan# 758
 Delta R.T. -0.00 min
 Lab File: BF093594.D
 Acq: 12 Mar 2017 6:43

Tgt Ion:330 Resp: 202658
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.4 116.2
 141 43.6 34.1 51.1





#44

2-Fluorobiphenyl

Concen: 110.90 ng

RT: 9.09 min Scan# 630

Delta R.T. -0.00 min

Lab File: BF093594.D

Acq: 12 Mar 2017 6:43

Instrument :

BNA_F

ClientSampleId :

030617-DSDC-E-D-M

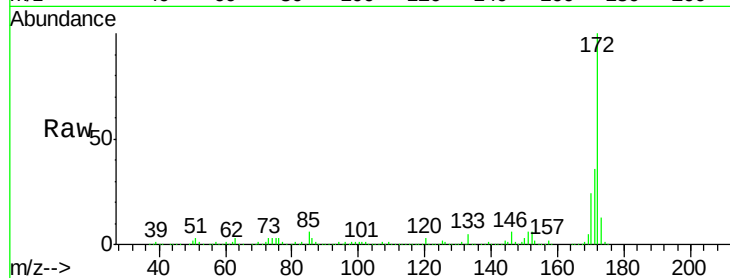
Tgt Ion:172 Resp: 2048450

Ion Ratio Lower Upper

172 100

171 36.4 29.4 44.0

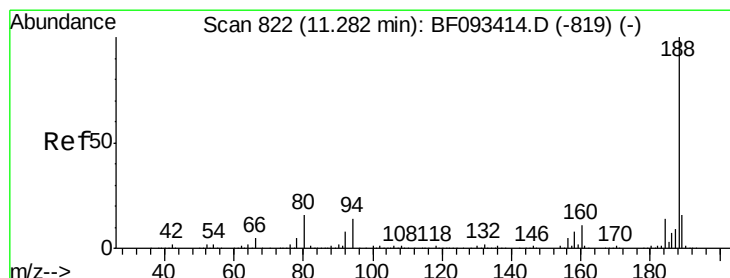
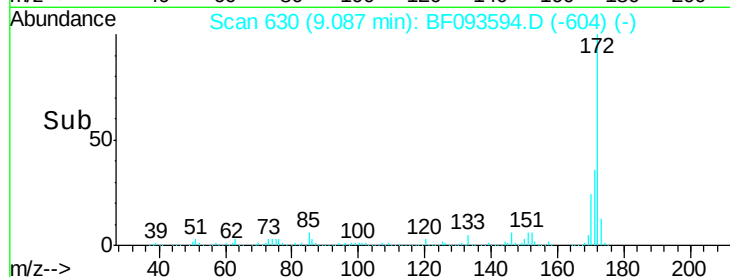
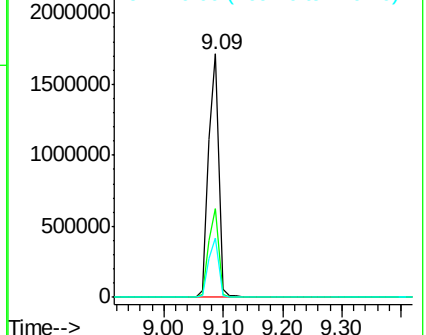
170 24.4 20.2 30.4



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.24 min Scan# 818

Delta R.T. -0.01 min

Lab File: BF093594.D

Acq: 12 Mar 2017 6:43

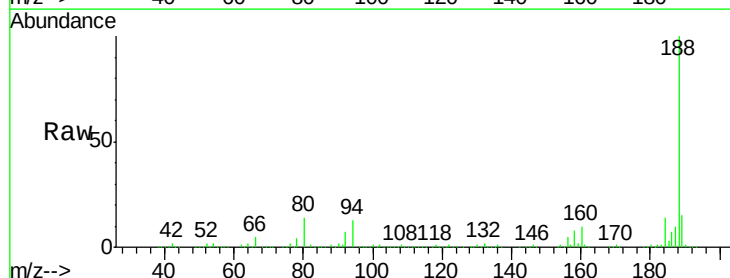
Tgt Ion:188 Resp: 546107

Ion Ratio Lower Upper

188 100

94 12.6 10.0 15.0

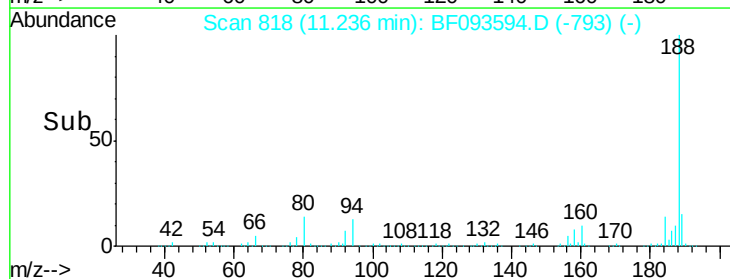
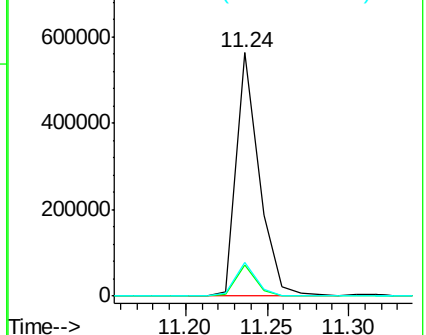
80 13.8 11.2 16.8

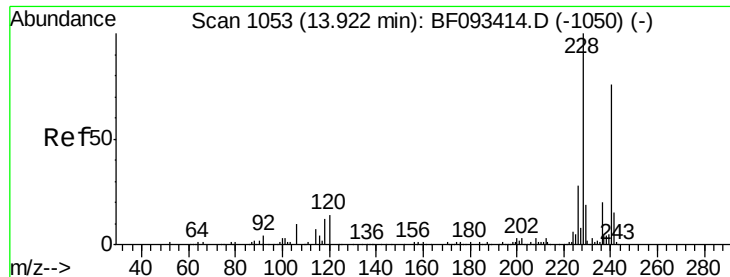


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.88 min Scan# 1049

Delta R.T. -0.01 min

Lab File: BF093594.D

Acq: 12 Mar 2017 6:43

Instrument :

BNA_F

ClientSampleId :

030617-DSDC-E-D-M

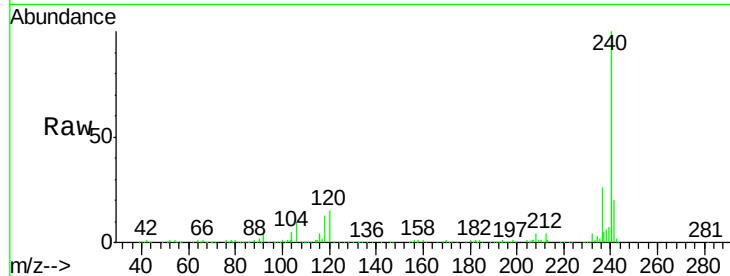
Tgt Ion:240 Resp: 357643

Ion Ratio Lower Upper

240 100

120 14.6 12.9 19.3

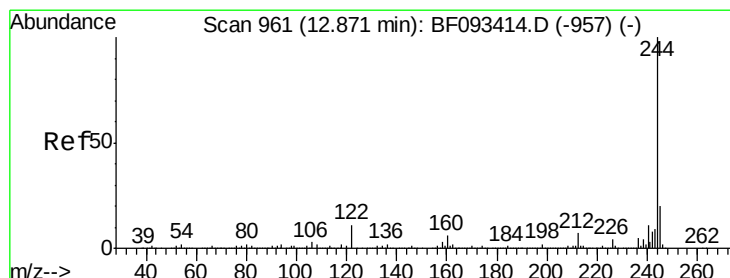
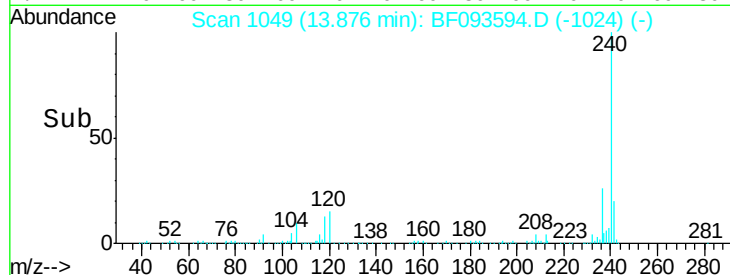
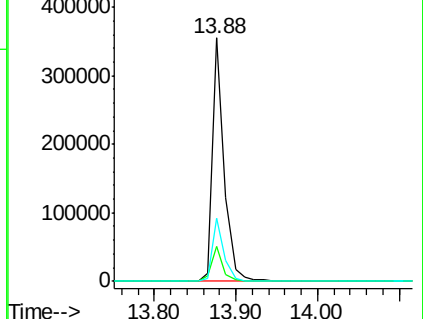
236 26.0 20.9 31.3



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: 90.22 ng

RT: 12.82 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF093594.D

Acq: 12 Mar 2017 6:43

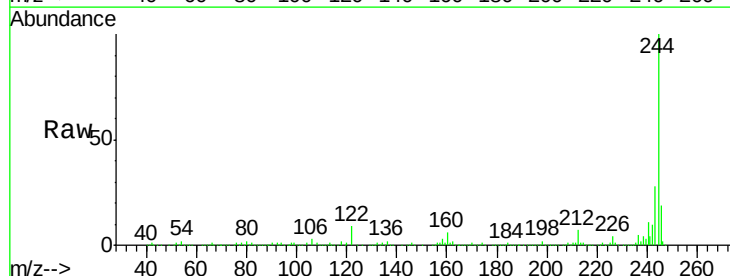
Tgt Ion:244 Resp: 1241121

Ion Ratio Lower Upper

244 100

212 6.9 6.2 9.2

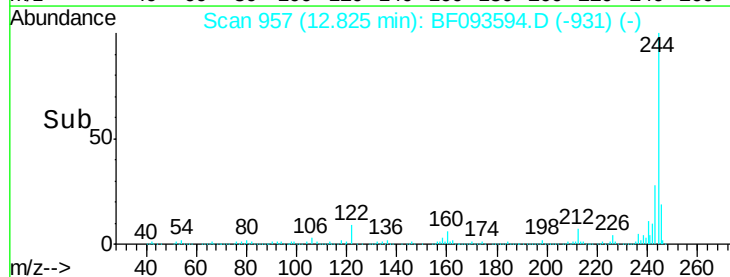
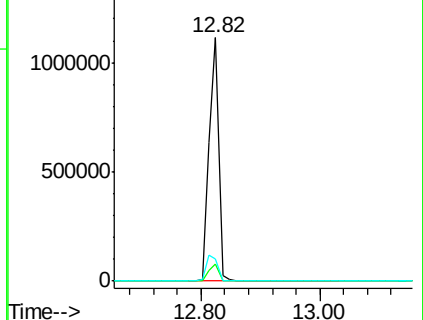
122 9.1 11.4 17.2#

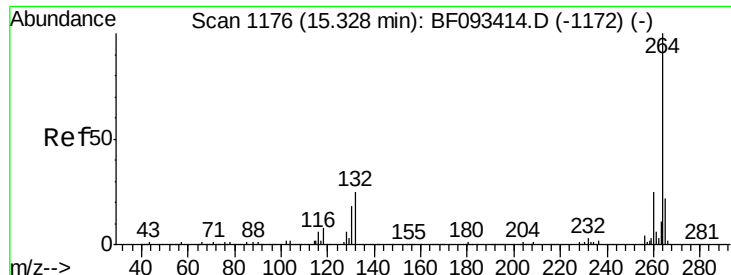


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.28 min Scan# 1172
Delta R.T. -0.00 min
Lab File: BF093594.D
Acq: 12 Mar 2017 6:43

Instrument :
BNA_F
ClientSampleId :
030617-DSDC-E-D-M

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.0	17.4	26.0

