

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 18:11:52 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

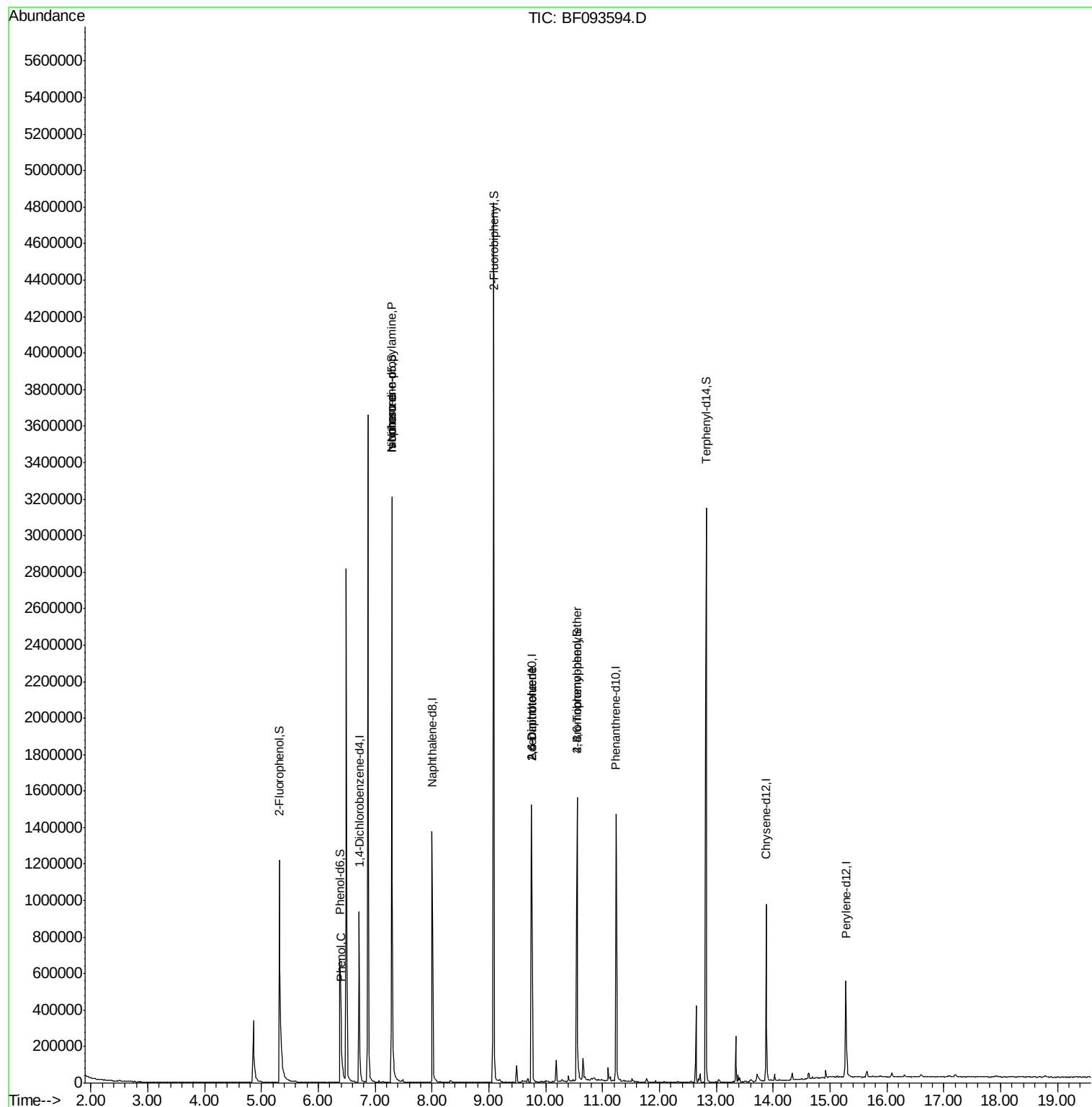
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	189192	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	788593	20.00	ng	-0.01
38) Acenaphthene-d10	9.75	164	343556	20.00	ng	-0.01
63) Phenanthrene-d10	11.24	188	546107	20.00	ng	-0.01
75) Chrysene-d12	13.88	240	357643	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						
9) Benzaldehyde	6.39	77	912	Below Cal	#	1
10) Phenol	6.40	94	35564	2.02	ng	90
19) n-Nitroso-di-n-propylamine	7.29	70	156400	15.87	ng	# 83
25) Isophorone	7.29	82	1183663	41.30	ng	# 65
50) 2,6-Dinitrotoluene	9.75	165	44989	9.00	ng	# 31
56) 2,4-Dinitrotoluene	9.75	165	44982	7.33	ng	# 20
66) 4-Bromophenyl-phenylether	10.55	248	14616	2.53	ng	# 1

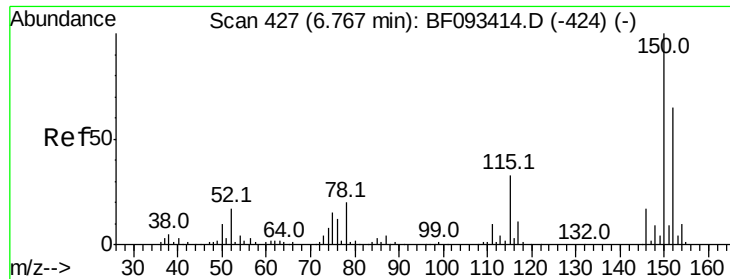
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

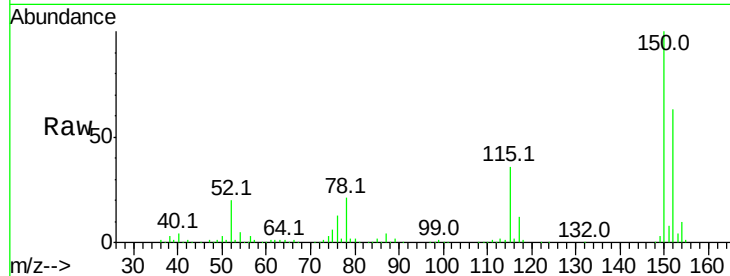
Tot Ion:152 Resp: 189192

Ion Ratio Lower Upper

152 100

150 158.4 124.9 187.3

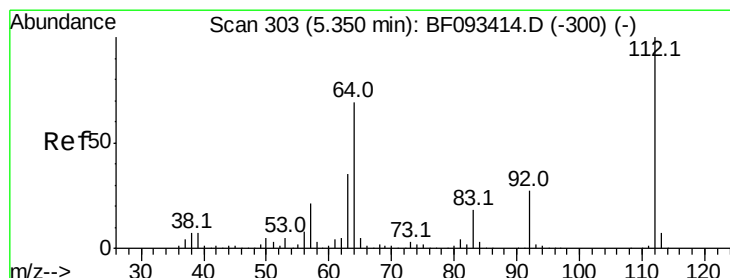
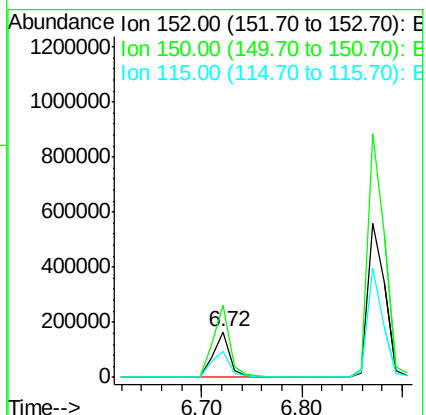
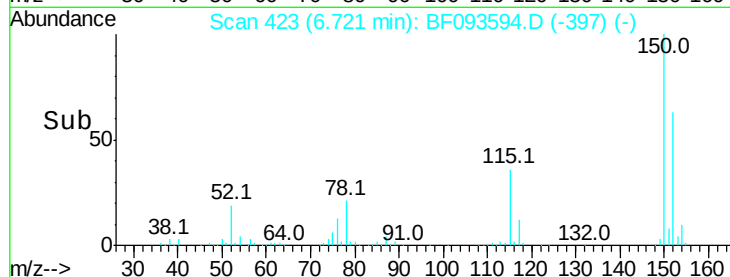
115 57.4 46.0 69.0



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

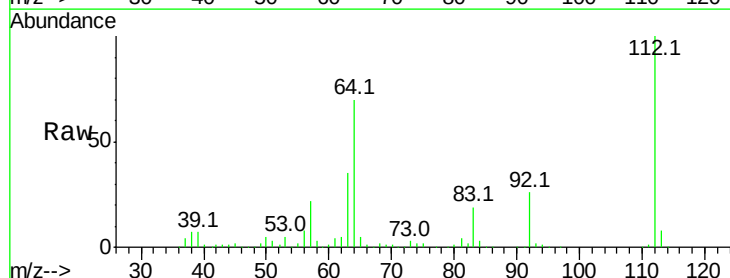
Tgt Ion:112 Resp: 546453

Ion Ratio Lower Upper

112 100

64 70.1 46.1 69.1#

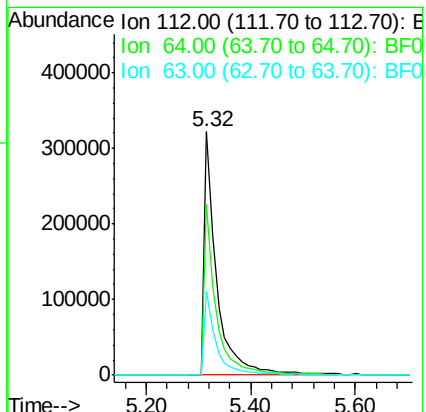
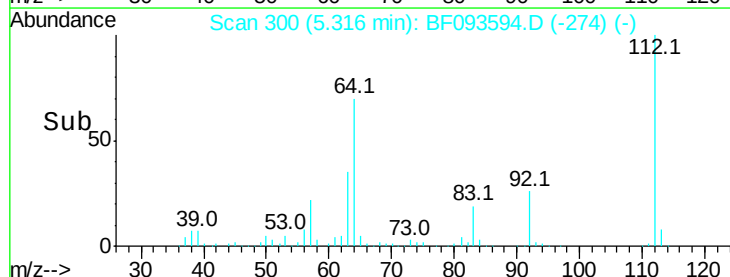
63 34.6 23.8 35.6

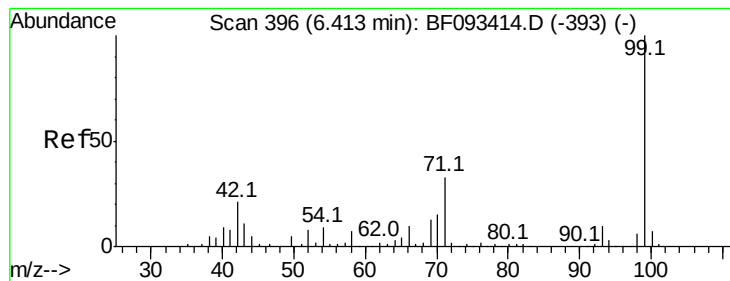


Abundance Ion 112.00 (111.70 to 112.70): E

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

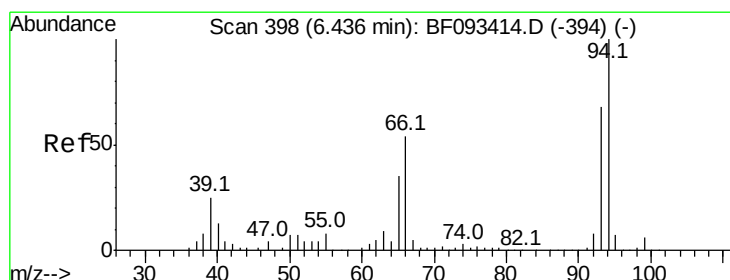
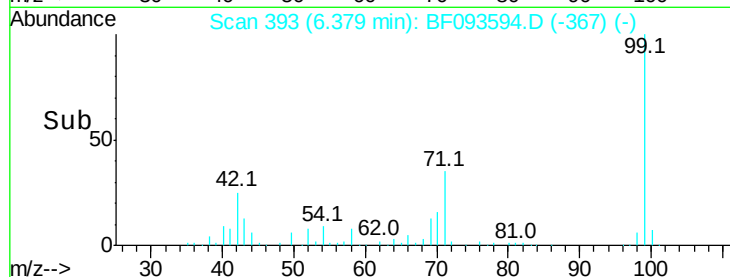
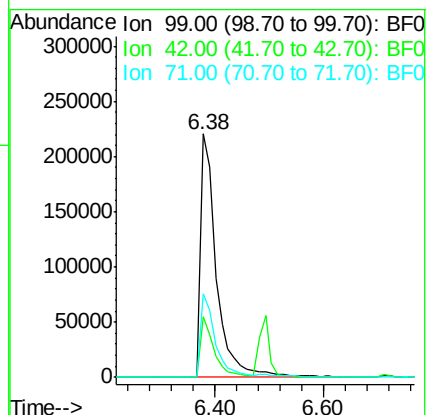
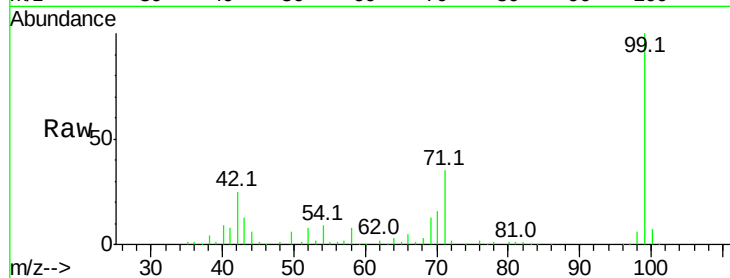
Tot Ion: 99 Resp: 443179

Ion Ratio Lower Upper

99 100

42 24.6 15.6 23.4#

71 34.6 27.5 41.3



#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

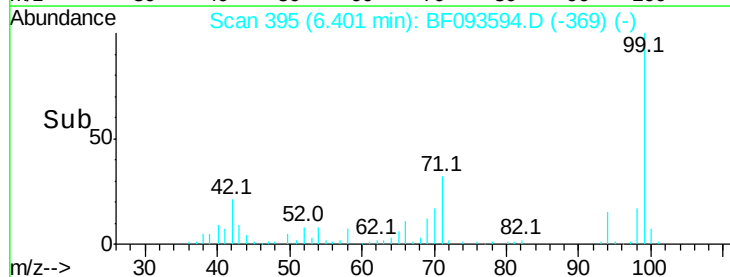
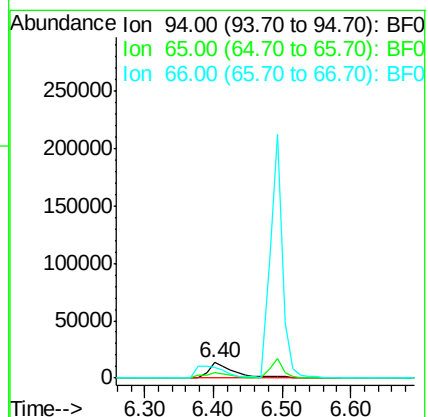
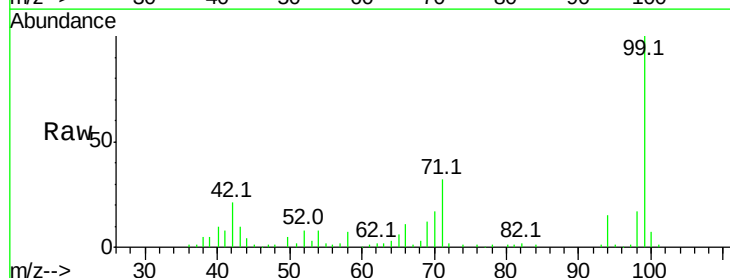
Tgt Ion: 94 Resp: 35564

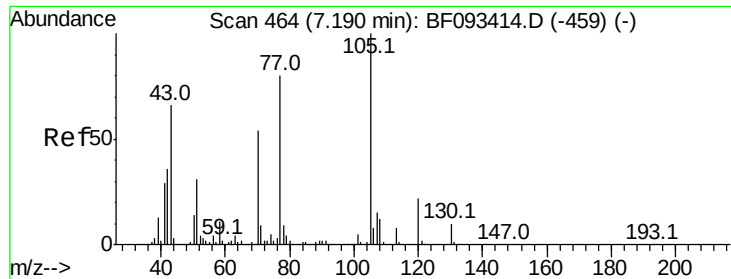
Ion Ratio Lower Upper

94 100

65 37.0 21.4 61.4

66 73.3 44.0 84.0

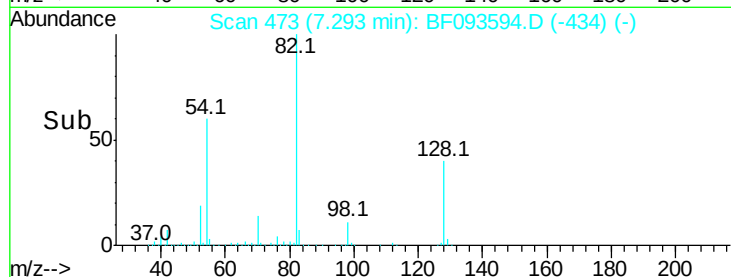
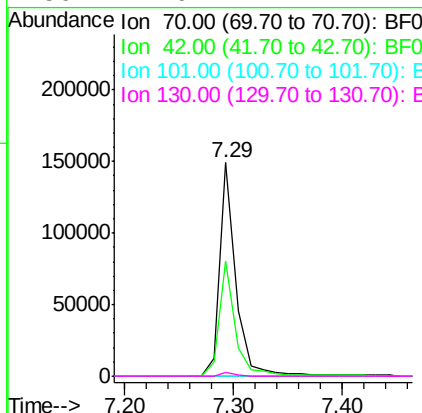
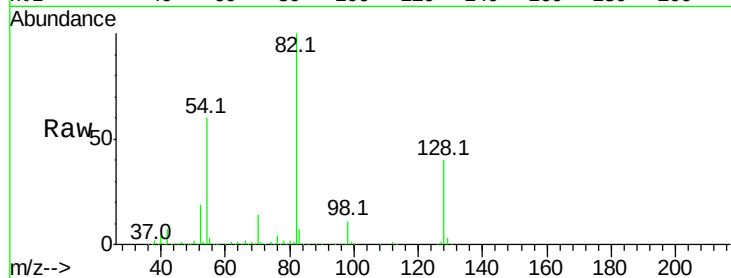




#19
n-Nitroso-di-n-propylamine
Concen: 15.87 ng
RT: 7.29 min Scan# 473
Delta R.T. 0.15 min
Lab File: BF093594.D
Acq: 12 Mar 2017 6:43

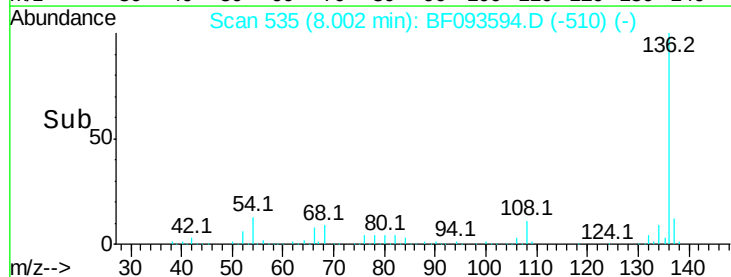
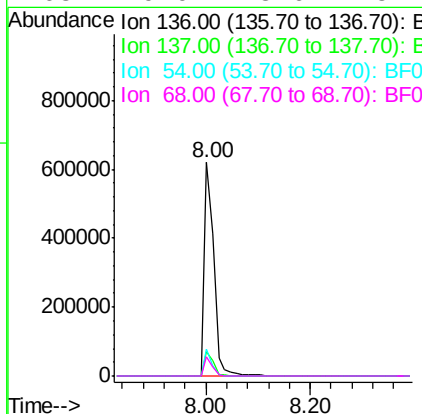
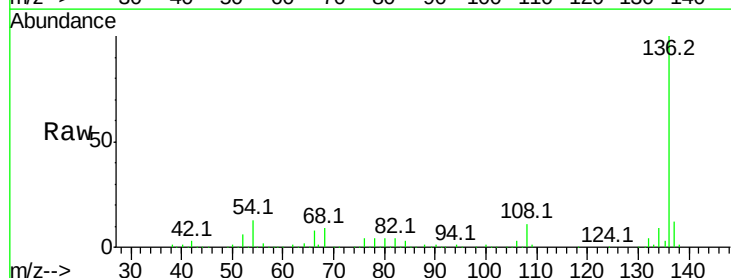
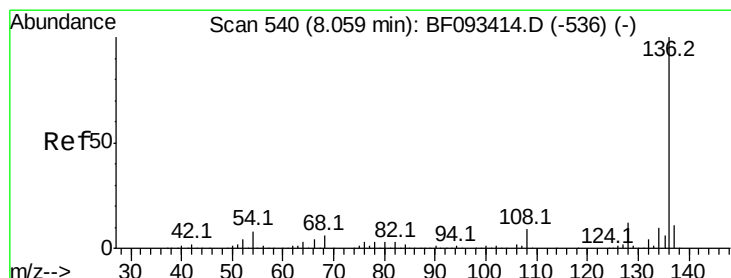
Instrument :
BNA_F
ClientSampleId :
030617-DSDC-E-D-M

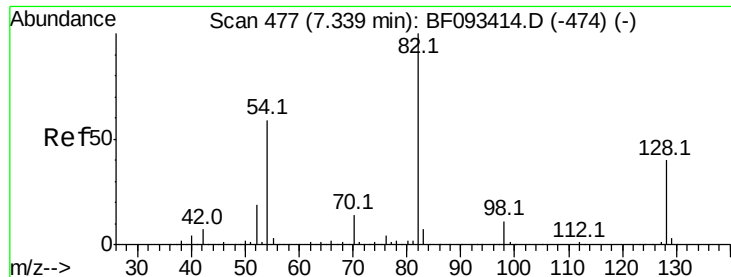
Tot Ion: 70 Resp: 156400
Ion Ratio Lower Upper
70 100
42 53.7 49.4 74.0
101 0.0 7.4 11.2#
130 1.9 14.2 21.4#



#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

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#



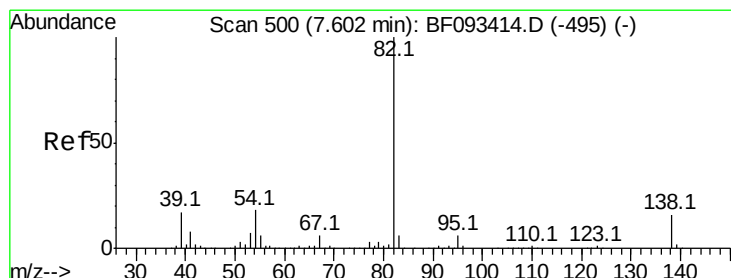
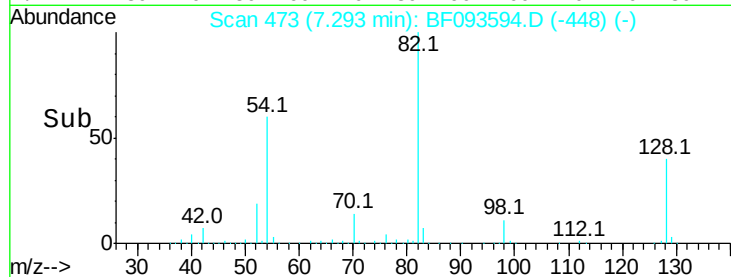
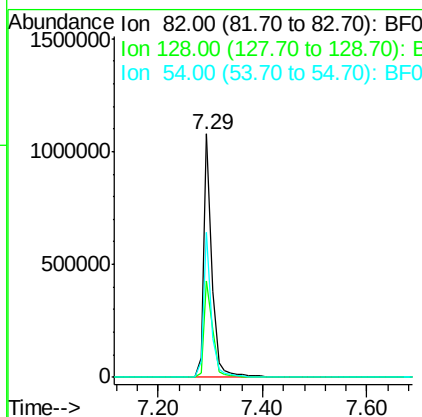
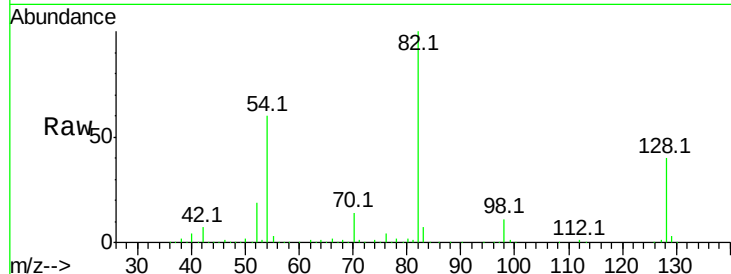


#23
 Nitrobenzene-d5
 Concen: 83.28 ng
 RT: 7.29 min Scan# 473
 Delta R.T. -0.01 min
 Lab File: BF093594.D
 Acq: 12 Mar 2017 6:43

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

Tot Ion: 82 Resp: 1183678

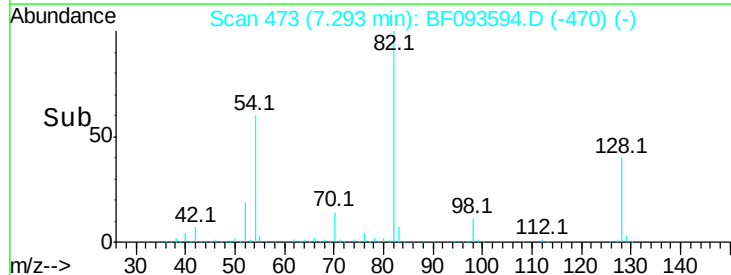
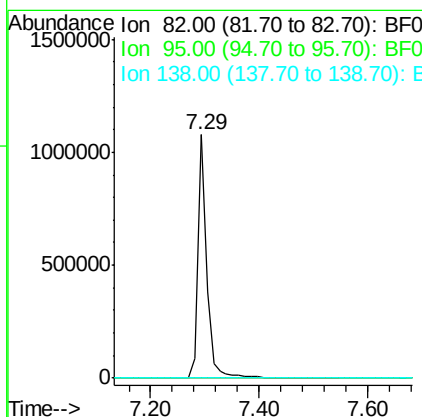
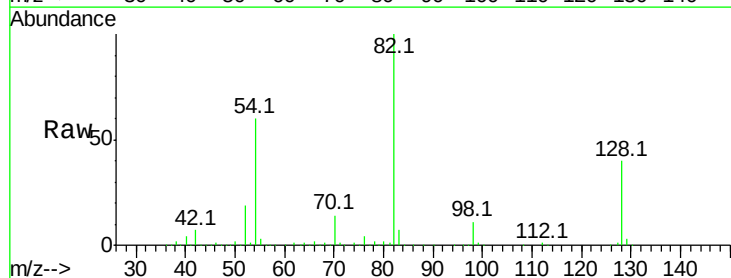
Ion	Ratio	Lower	Upper
82	100		
128	39.7	34.6	52.0
54	59.8	39.5	59.3#

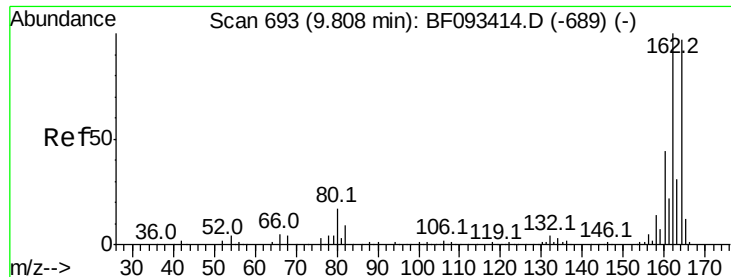


#25
 Isophorone
 Concen: 41.30 ng
 RT: 7.29 min Scan# 473
 Delta R.T. -0.26 min
 Lab File: BF093594.D
 Acq: 12 Mar 2017 6:43

Tgt Ion: 82 Resp: 1183663

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	14.6	22.0#





#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

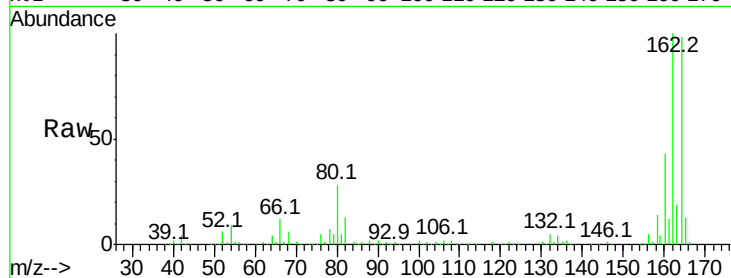
Tot Ion:164 Resp: 343556

Ion Ratio Lower Upper

164 100

162 102.2 80.2 120.2

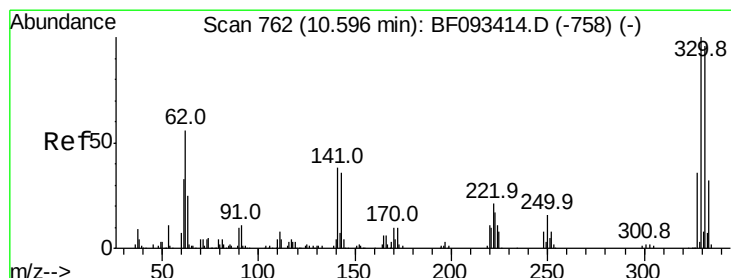
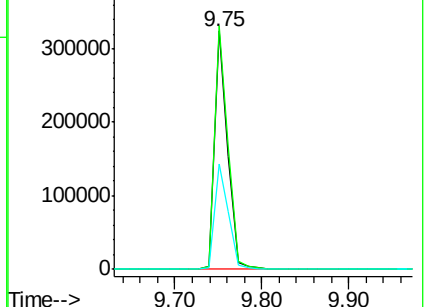
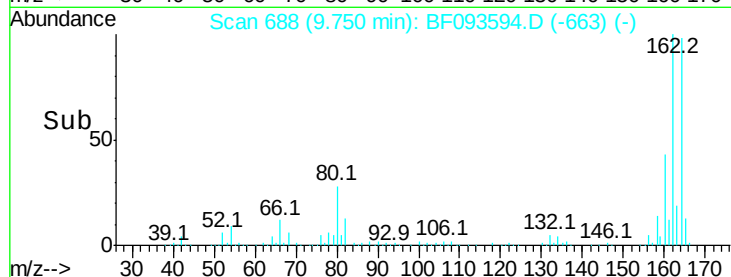
160 44.1 36.9 55.3



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: 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

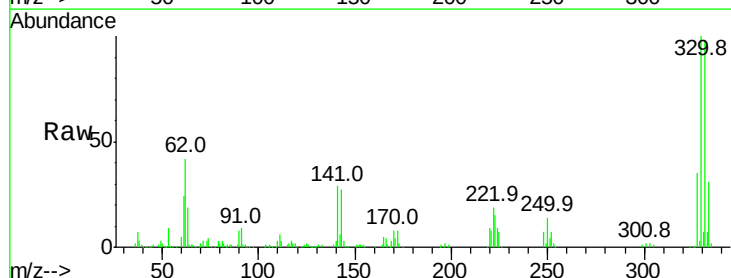
Tgt Ion:330 Resp: 202658

Ion Ratio Lower Upper

330 100

332 96.8 77.4 116.2

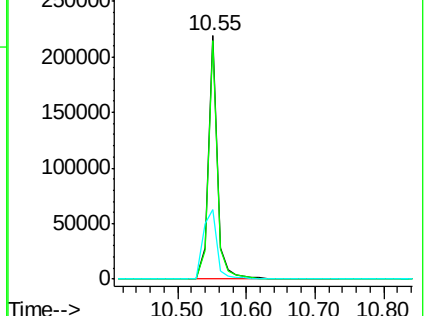
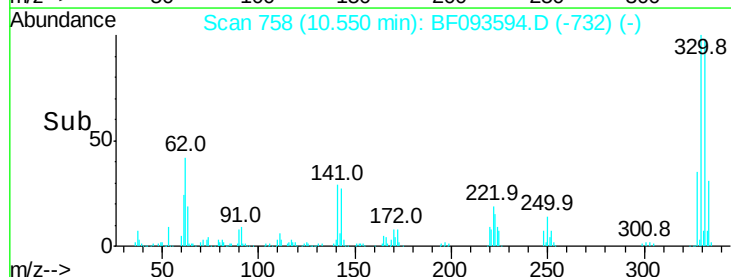
141 43.6 34.1 51.1

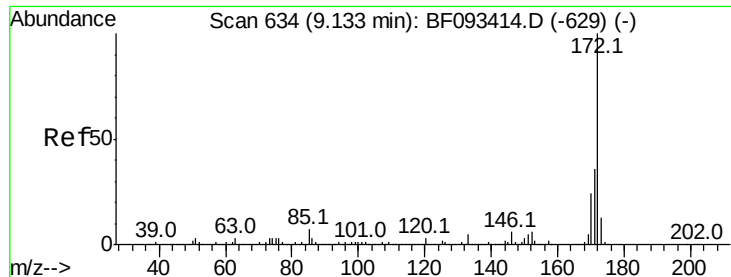


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 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

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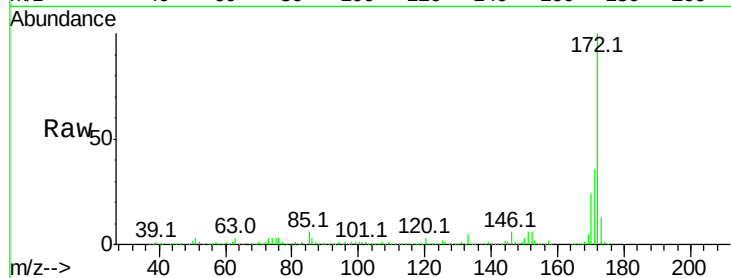
Tot Ion:172 Resp: 2048450

Ion Ratio Lower Upper

172 100

171 36.4 29.4 44.0

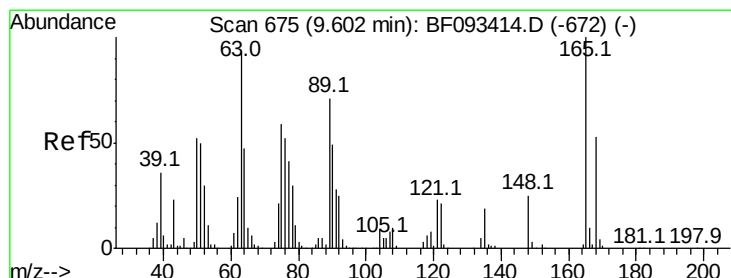
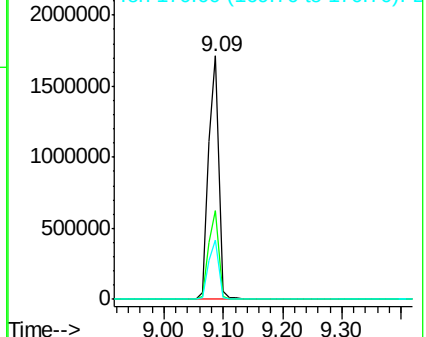
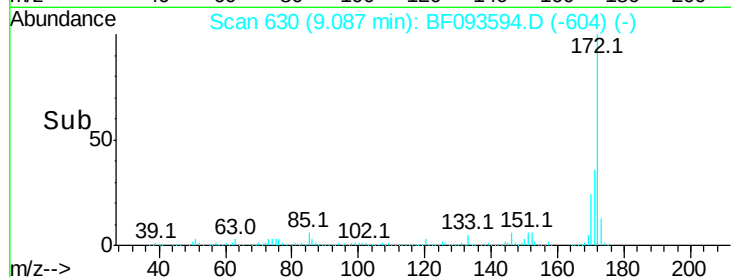
170 24.4 20.2 30.4



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



#50

2,6-Dinitrotoluene

Concen: 9.00 ng

RT: 9.75 min Scan# 688

Delta R.T. 0.18 min

Lab File: BF093594.D

Acq: 12 Mar 2017 6:43

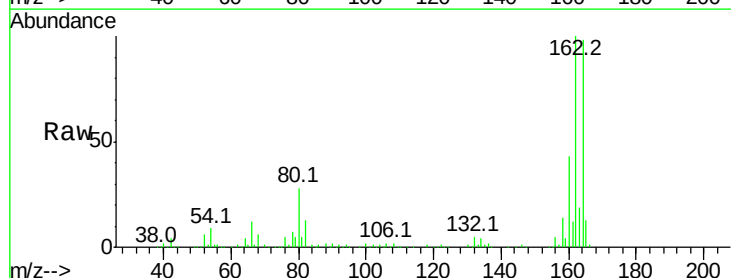
Tgt Ion:165 Resp: 44989

Ion Ratio Lower Upper

165 100

63 1.4 36.2 54.4#

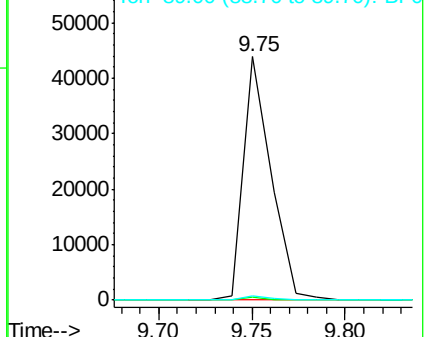
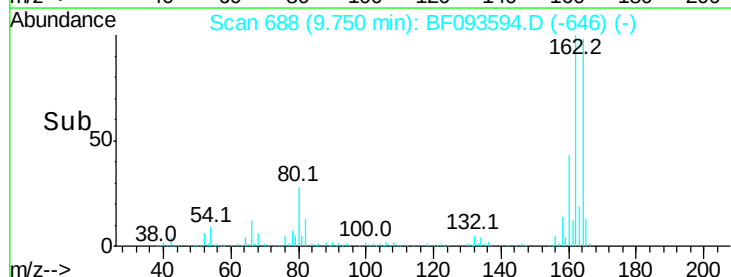
89 1.5 40.2 60.4#

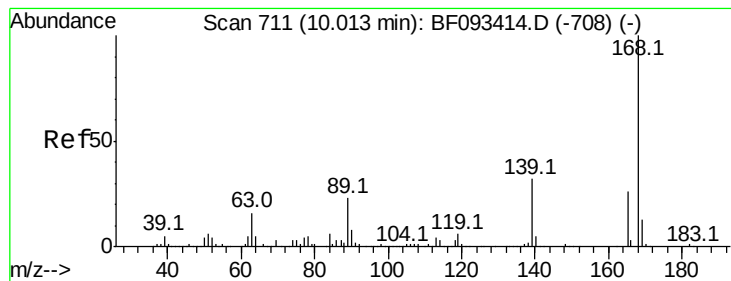


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#56

2,4-Dinitrotoluene

Concen: 7.33 ng

RT: 9.75 min Scan# 688

Delta R.T. -0.23 min

Lab File: BF093594.D

Acq: 12 Mar 2017 6:43

Instrument :

BNA_F

ClientSampleId :

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Tot Ion:165 Resp: 44982

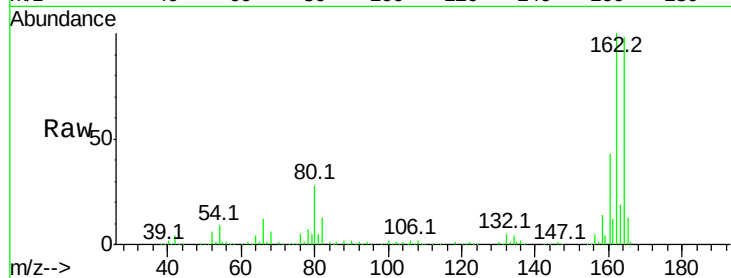
Ion Ratio Lower Upper

165 100

63 1.4 40.2 60.4#

89 1.5 62.5 93.7#

182 0.0 1.8 2.8#

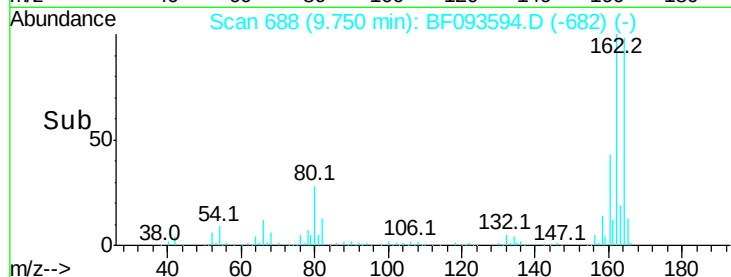


Abundance Ion 165.00 (164.70 to 165.70): E

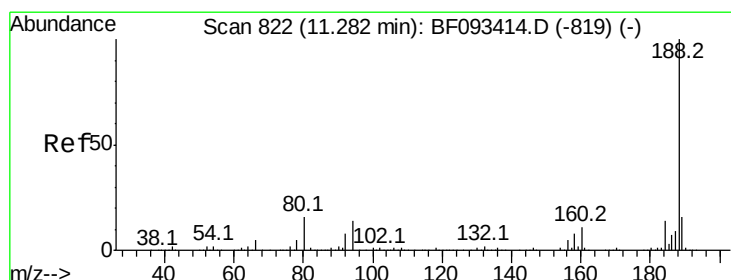
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



Time-->



#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

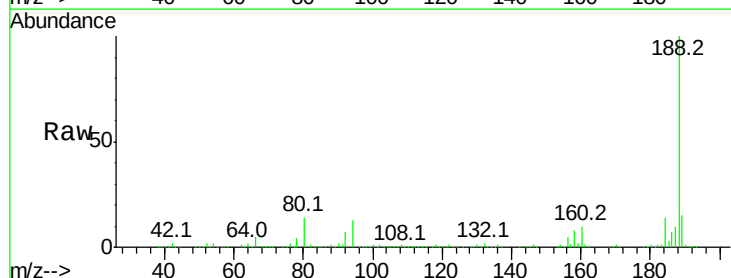
Tgt Ion:188 Resp: 546107

Ion Ratio Lower Upper

188 100

94 12.6 10.0 15.0

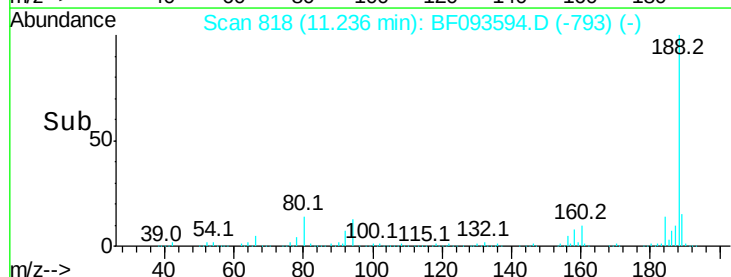
80 13.8 11.2 16.8



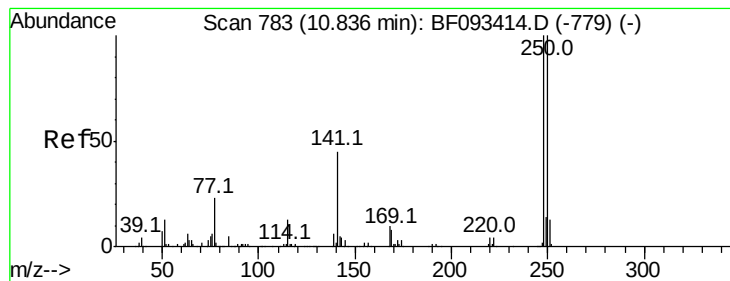
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



Time-->



#66

4-Bromophenyl-phenylether

Concen: 2.53 ng

RT: 10.55 min Scan# 758

Delta R.T. -0.24 min

Lab File: BF093594.D

Acq: 12 Mar 2017 6:43

Instrument :

BNA_F

ClientSampleId :

030617-DSDC-E-D-M

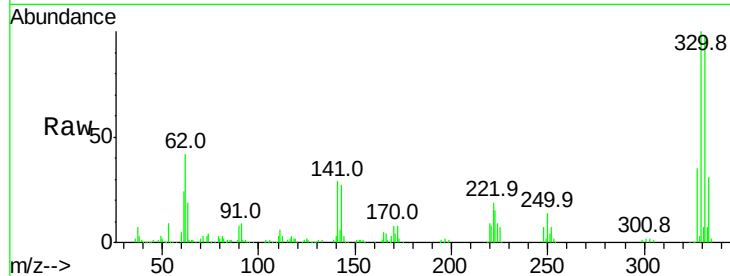
Tot Ion:248 Resp: 14616

Ion Ratio Lower Upper

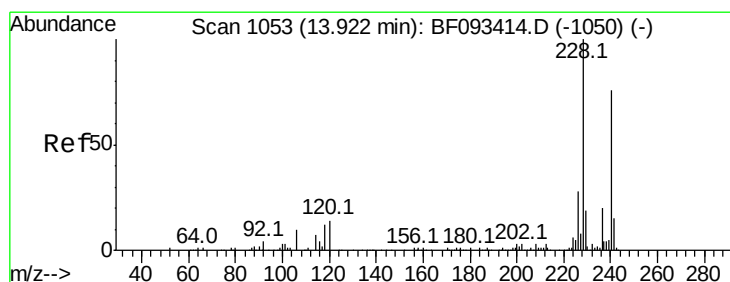
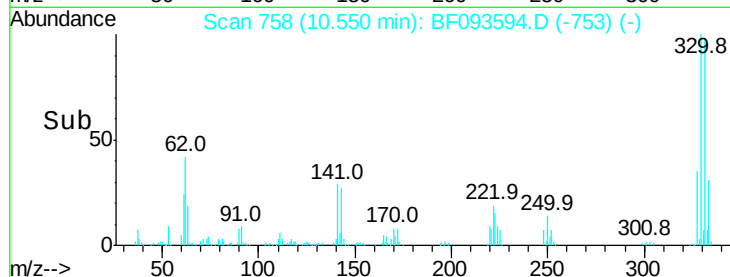
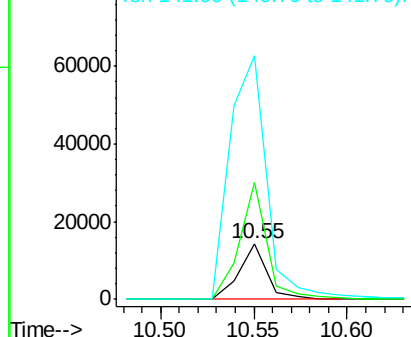
248 100

250 209.6 76.9 115.3#

141 435.0 68.2 102.4#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



#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

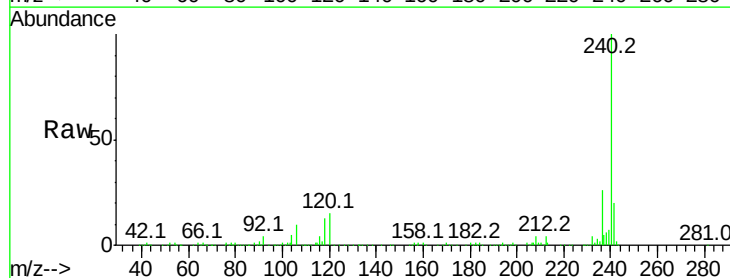
Tgt Ion:240 Resp: 357643

Ion Ratio Lower Upper

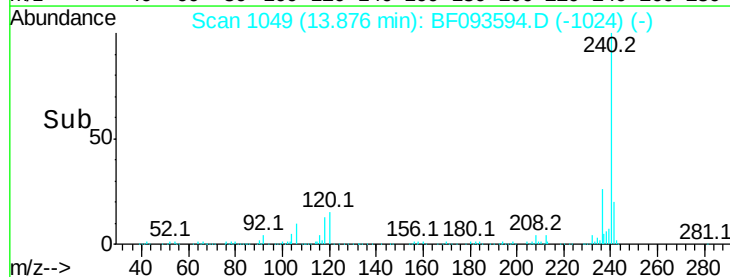
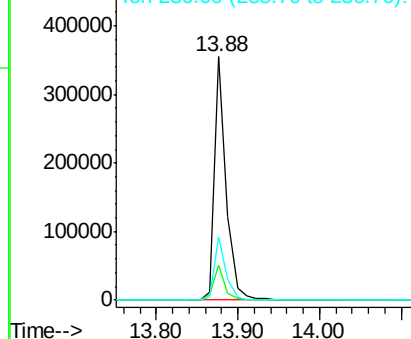
240 100

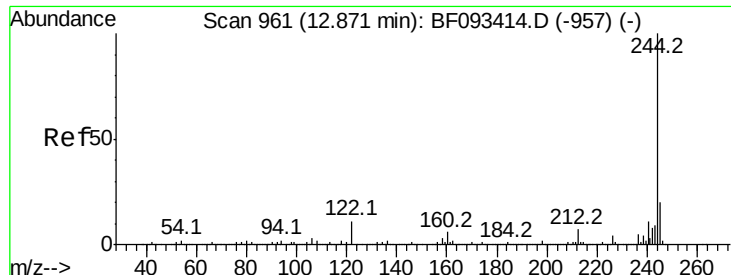
120 14.6 12.9 19.3

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

Instrument :

BNA_F

ClientSampleId :

030617-DSDC-E-D-M

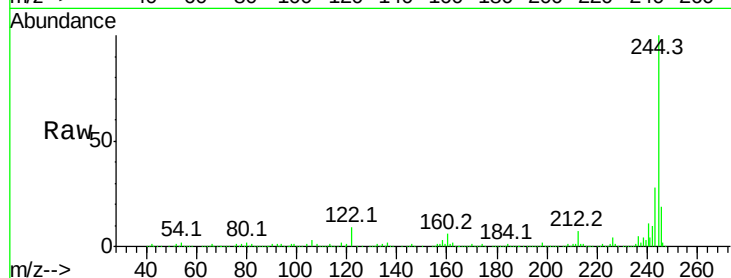
Tot Ion:244 Resp: 1241121

Ion Ratio Lower Upper

244 100

212 6.9 6.2 9.2

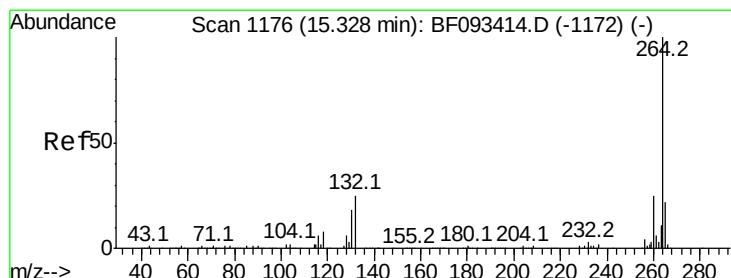
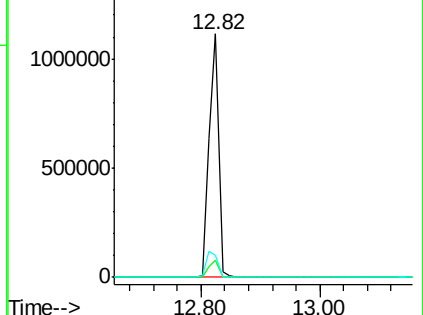
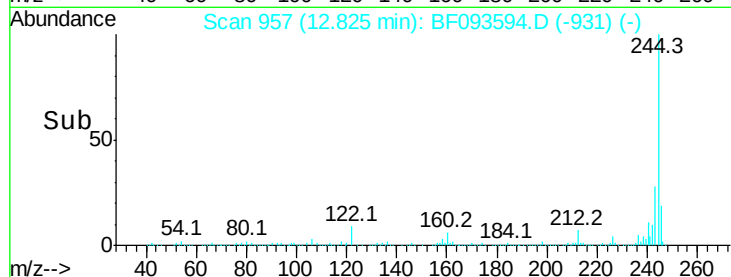
122 9.1 11.4 17.2#



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

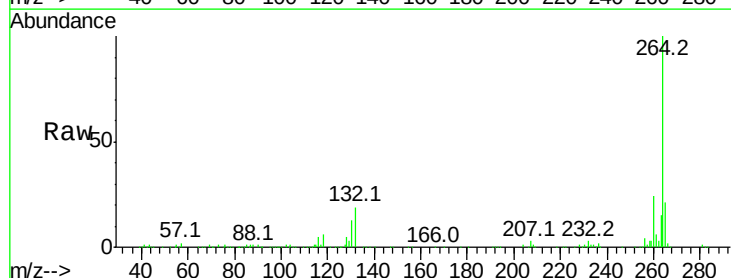
Tgt Ion:264 Resp: 313809

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 21.0 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

