

Data Path : Z:\HPCHEM1\BNA F\Data\BF031117\
 Data File : BF093593.D
 Acq On : 12 Mar 2017 6:16
 Operator : SJ/MA
 Sample : I2190-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

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

Quant Time: Mar 13 18:10:35 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

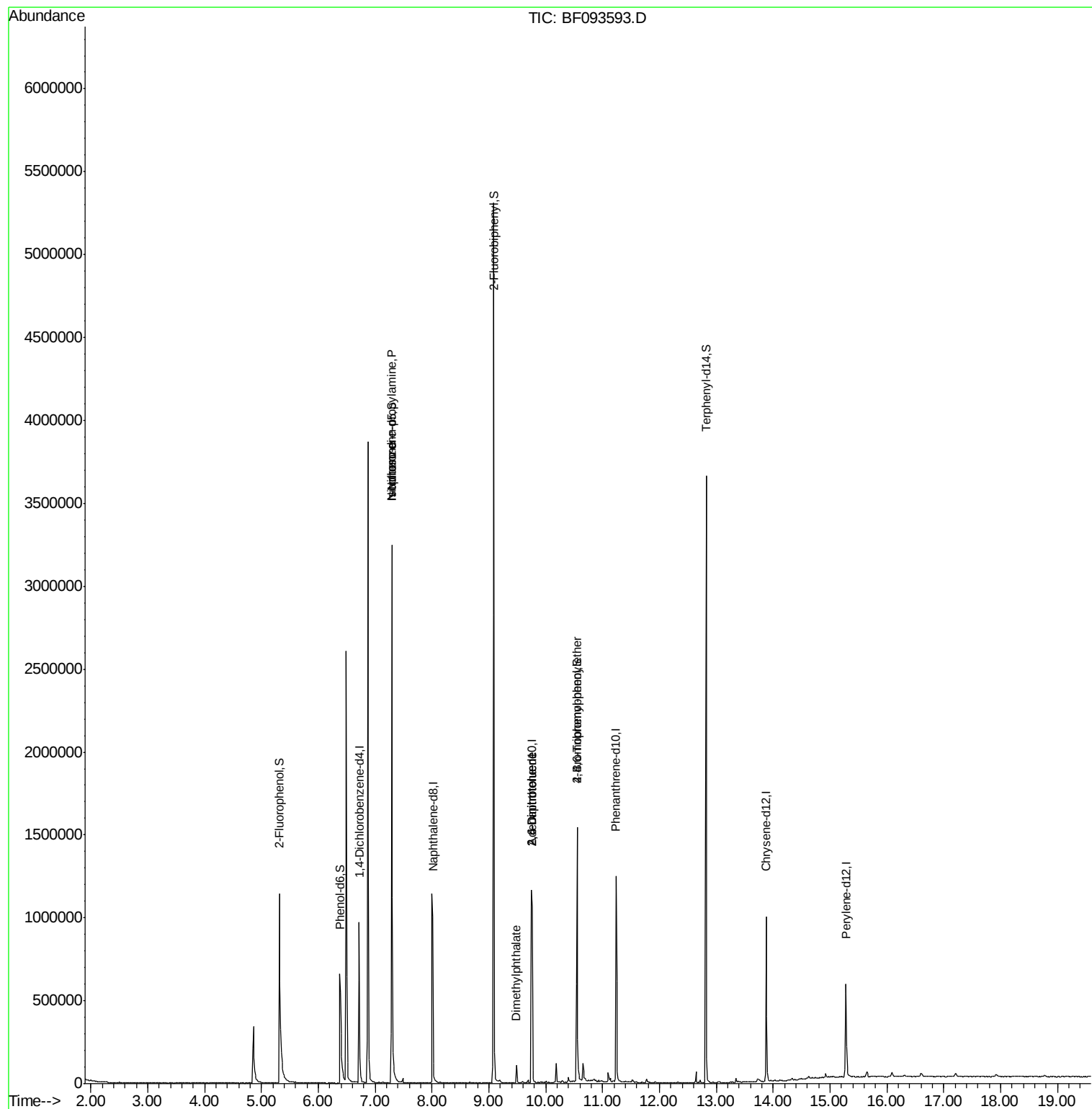
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	195269	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	768751	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	332336	20.00	ng	-0.01
63) Phenanthrene-d10	11.24	188	523571	20.00	ng	-0.01
75) Chrysene-d12	13.88	240	380954	20.00	ng	-0.01
86) Perylene-d12	15.28	264	321100	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	520929	44.40	ng	0.00
7) Phenol-d6	6.38	99	430760	29.11	ng	0.00
23) Nitrobenzene-d5	7.29	82	1195401	86.28	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	178394	82.39	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1934685	108.28	ng	0.00
78) Terphenyl-d14	12.82	244	1234889	84.28	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	160865	15.81	ng	# 83
25) Isophorone	7.29	82	1119917	40.08	ng	# 65
49) Dimethylphthalate	9.49	163	46095	2.09	ng	100
50) 2,6-Dinitrotoluene	9.75	165	40862	8.45	ng	# 32
56) 2,4-Dinitrotoluene	9.75	165	40863	6.88	ng	# 21
66) 4-Bromophenyl-phenylether	10.55	248	14203	2.57	ng	# 1

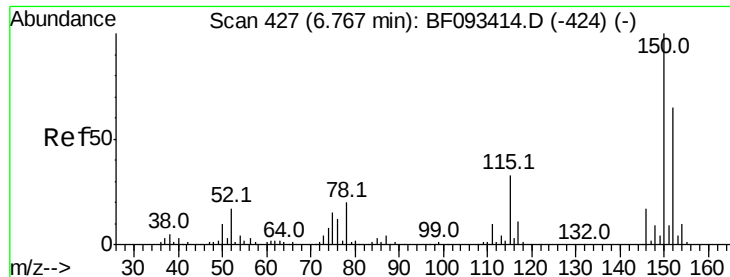
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF093593.D

Acq: 12 Mar 2017 6:16

Instrument :

BNA_F

ClientSampleId :

030617-DSDC-E-U-M

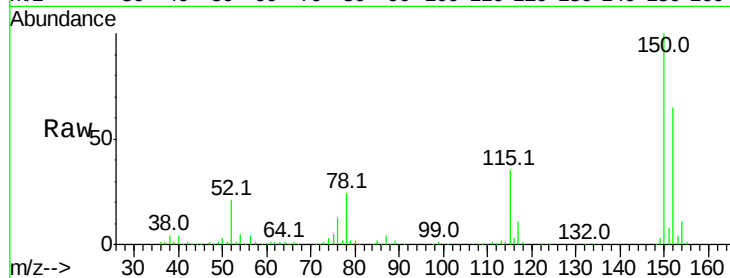
Tot Ion:152 Resp: 195269

Ion Ratio Lower Upper

152 100

150 154.3 124.9 187.3

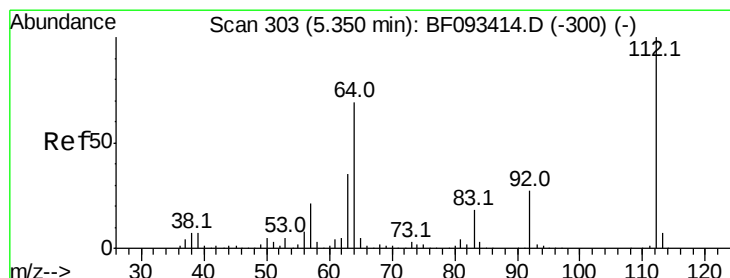
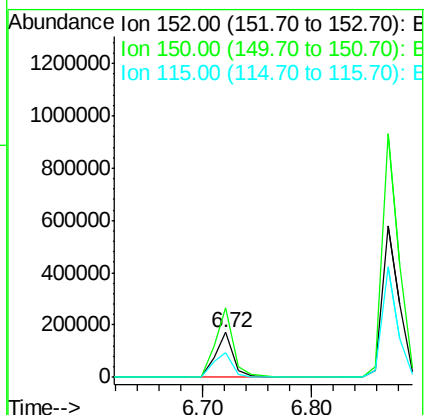
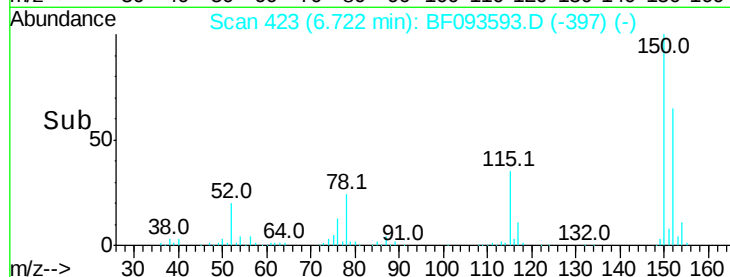
115 54.2 46.0 69.0



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: 44.40 ng

RT: 5.32 min Scan# 300

Delta R.T. -0.00 min

Lab File: BF093593.D

Acq: 12 Mar 2017 6:16

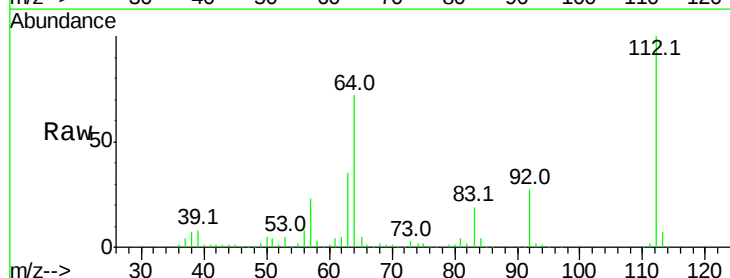
Tgt Ion:112 Resp: 520929

Ion Ratio Lower Upper

112 100

64 71.5 46.1 69.1#

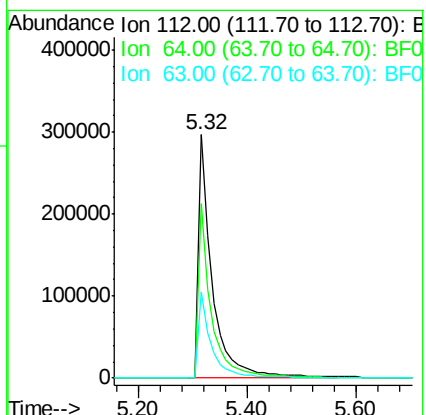
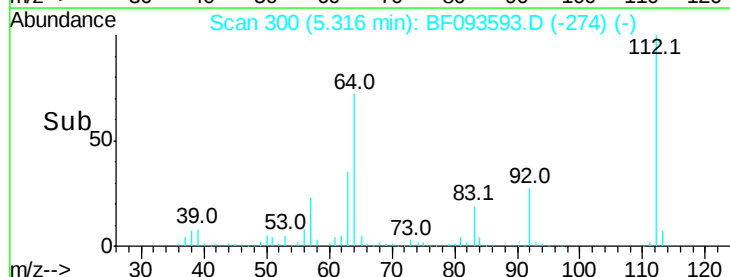
63 35.2 23.8 35.6

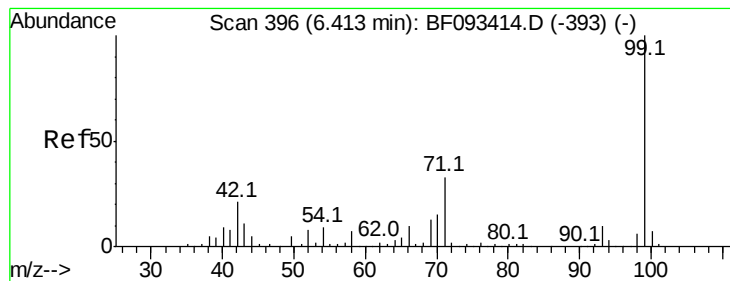


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 29.11 ng

RT: 6.38 min Scan# 393

Delta R.T. -0.00 min

Lab File: BF093593.D

Acq: 12 Mar 2017 6:16

Instrument :

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030617-DSDC-E-U-M

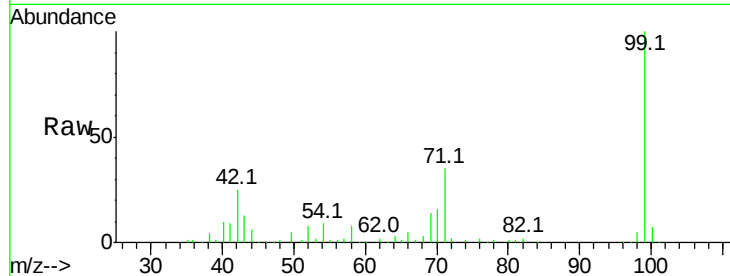
Tot Ion: 99 Resp: 430760

Ion Ratio Lower Upper

99 100

42 25.0 15.6 23.4#

71 35.0 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

250000

200000

150000

100000

50000

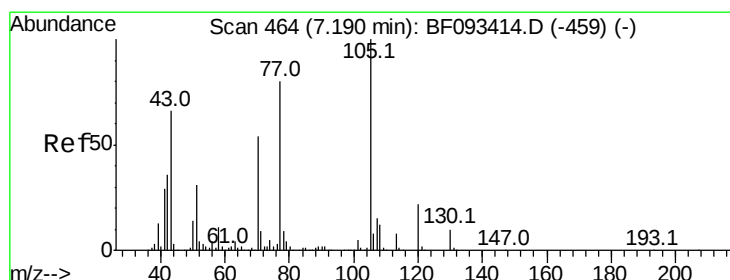
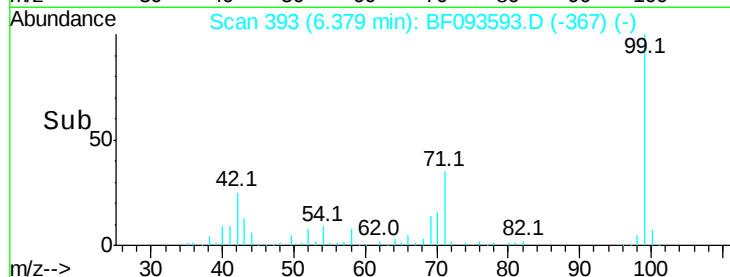
0

6.38

6.40

6.60

Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 15.81 ng

RT: 7.29 min Scan# 473

Delta R.T. 0.15 min

Lab File: BF093593.D

Acq: 12 Mar 2017 6:16

Tgt Ion: 70 Resp: 160865

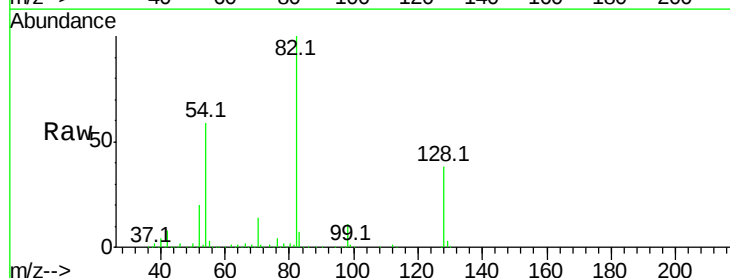
Ion Ratio Lower Upper

70 100

42 54.4 49.4 74.0

101 0.0 7.4 11.2#

130 1.9 14.2 21.4#



Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

200000

150000

100000

50000

0

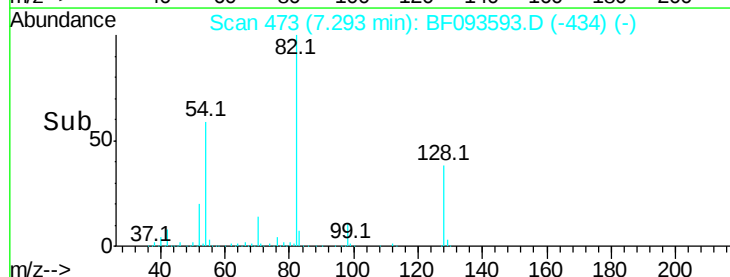
7.29

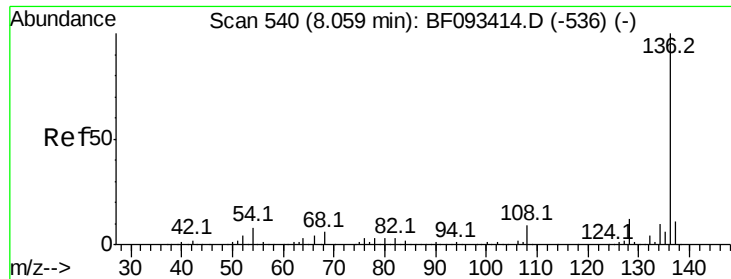
7.20

7.30

7.40

Time-->

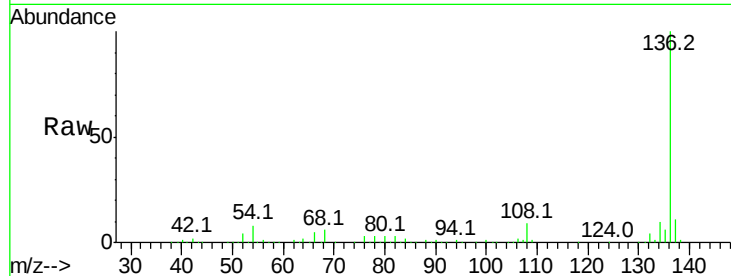




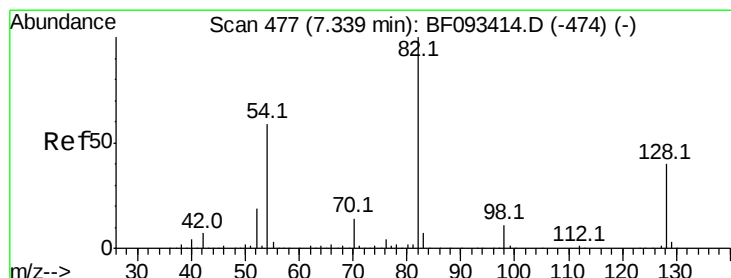
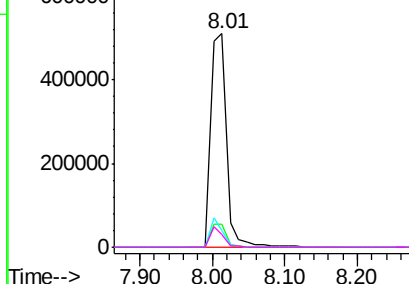
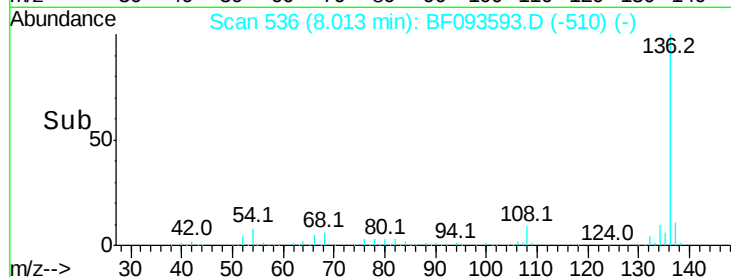
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.01 min Scan# 536
Delta R.T. -0.00 min
Lab File: BF093593.D
Acq: 12 Mar 2017 6:16

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

Tot Ion:	136	Resp:	768751
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.4	12.6
54	7.8	4.5	6.7#
68	6.1	3.6	5.4#

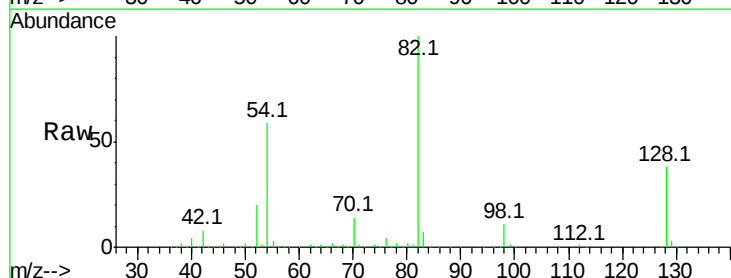


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

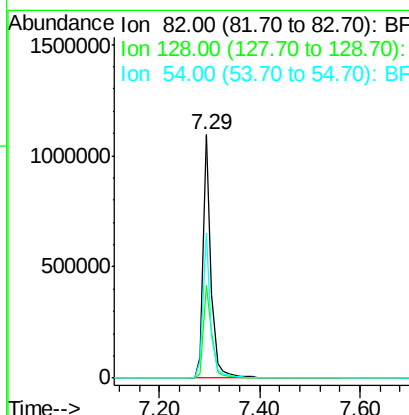
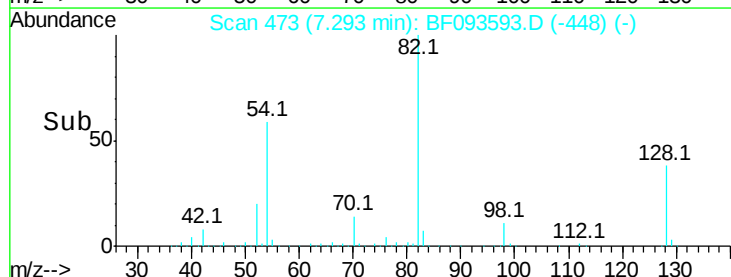


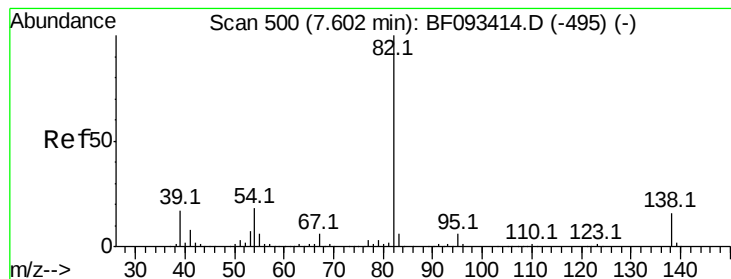
#23
Nitrobenzene-d5
Concen: 86.28 ng
RT: 7.29 min Scan# 473
Delta R.T. -0.01 min
Lab File: BF093593.D
Acq: 12 Mar 2017 6:16

Tgt Ion:	82	Resp:	1195401
Ion	Ratio	Lower	Upper
82	100		
128	37.9	34.6	52.0
54	59.4	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





#25

Isophorone

Concen: 40.08 ng

RT: 7.29 min Scan# 473

Delta R.T. -0.26 min

Lab File: BF093593.D

Acq: 12 Mar 2017 6:16

Instrument :

BNA_F

ClientSampleId :

030617-DSDC-E-U-M

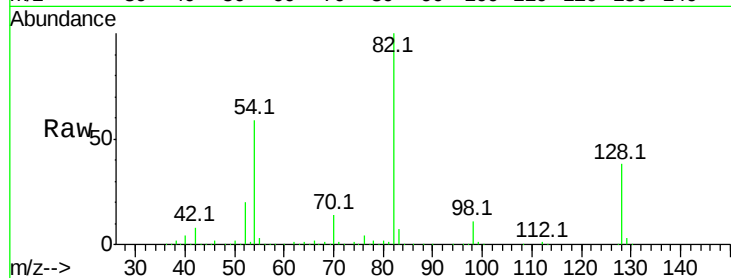
Tot Ion: 82 Resp: 1119917

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

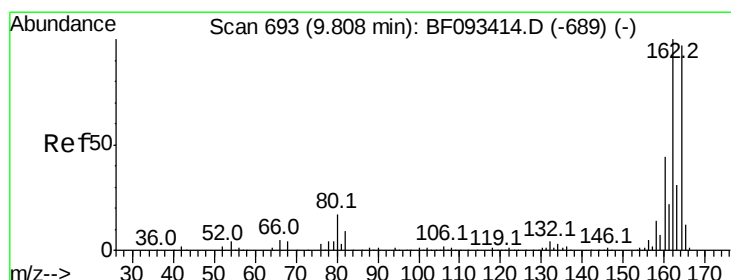
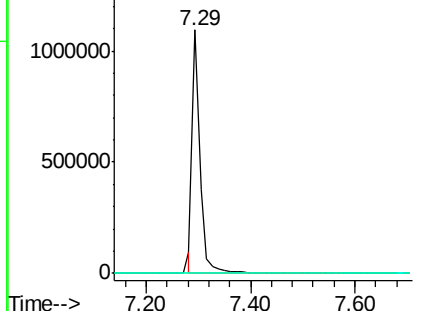
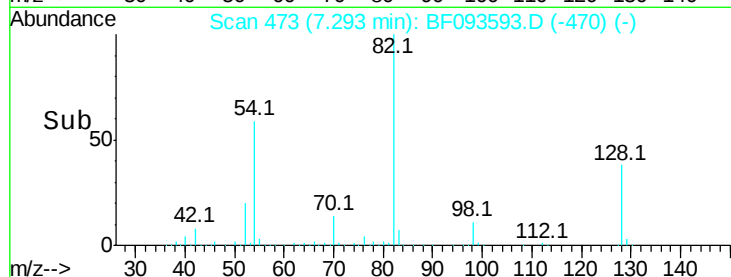
138 0.0 14.6 22.0#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.75 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF093593.D

Acq: 12 Mar 2017 6:16

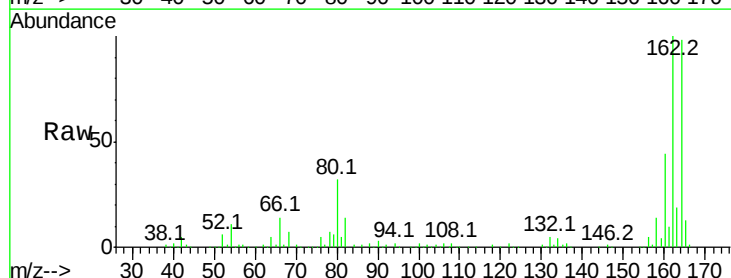
Tgt Ion:164 Resp: 332336

Ion Ratio Lower Upper

164 100

162 101.7 80.2 120.2

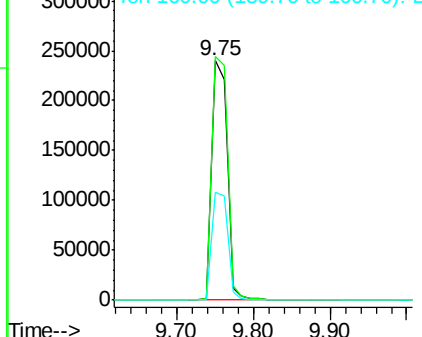
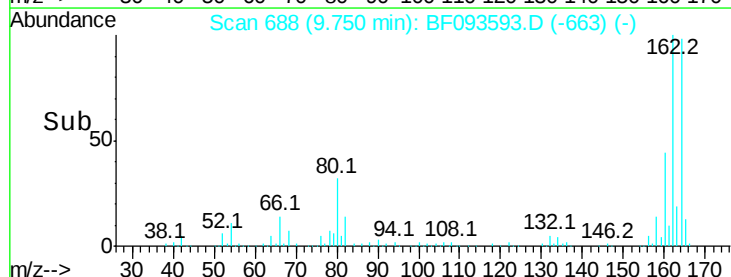
160 45.1 36.9 55.3

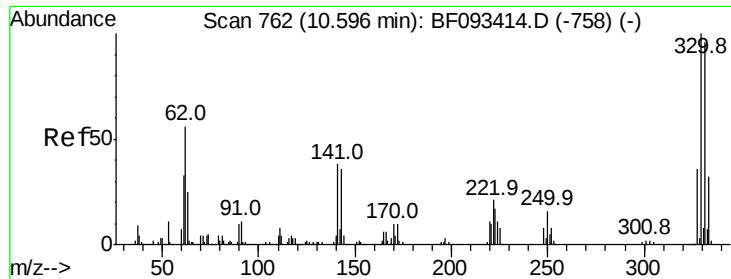


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

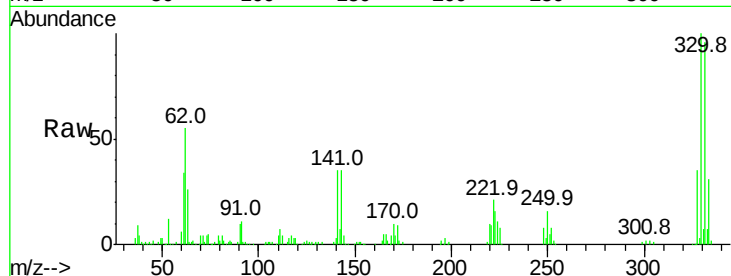




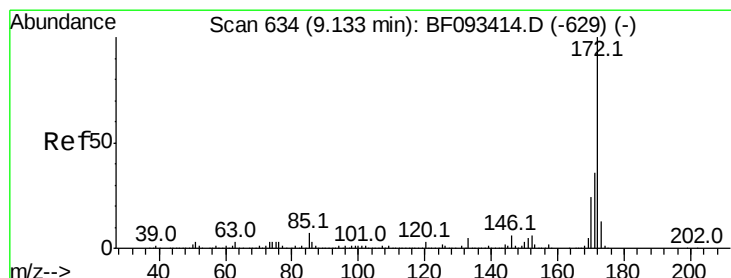
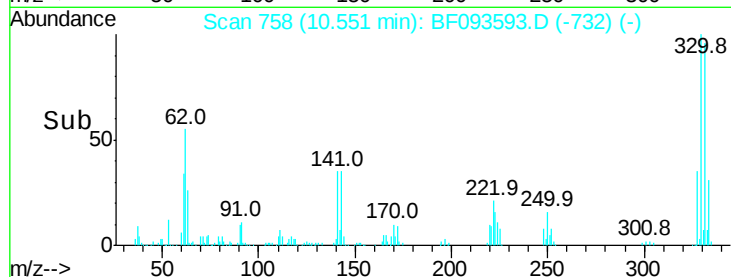
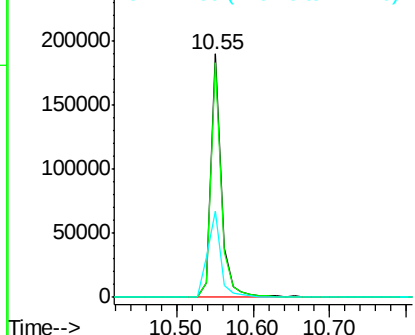
#41
 2,4,6-Tribromophenol
 Concen: 82.39 ng
 RT: 10.55 min Scan# 758
 Delta R.T. -0.00 min
 Lab File: BF093593.D
 Acq: 12 Mar 2017 6:16

Instrument :
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 ClientSampleId :
 030617-DSDC-E-U-M

Tot Ion:330 Resp: 178394
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.4 116.2
 141 44.5 34.1 51.1

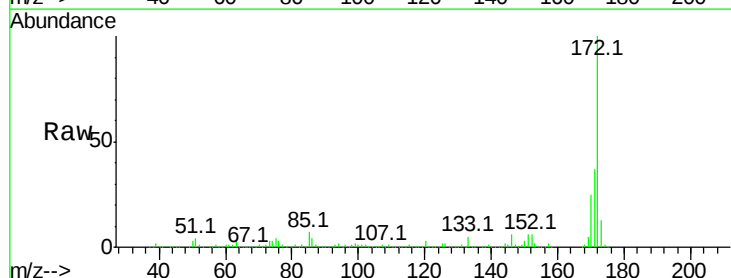


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

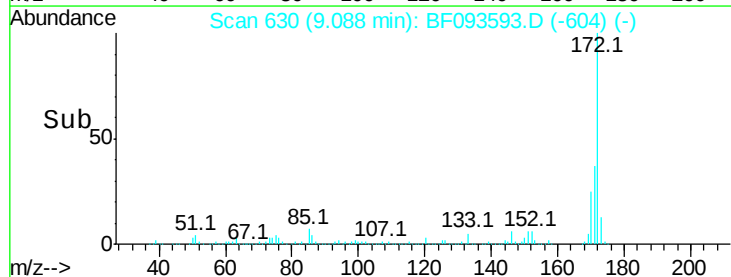
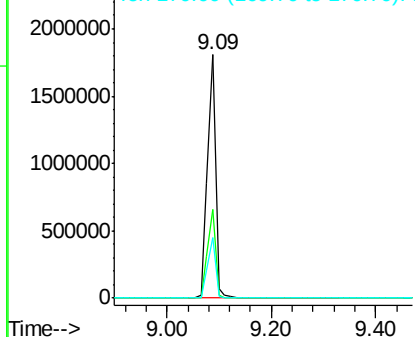


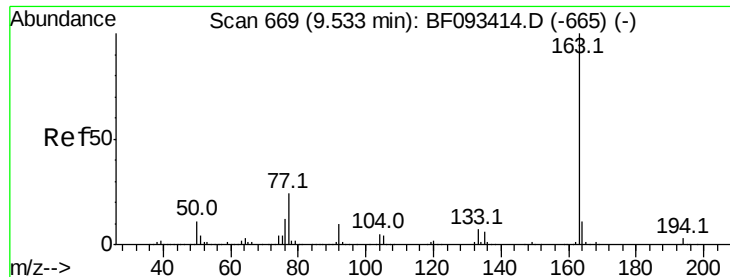
#44
 2-Fluorobiphenyl
 Concen: 108.28 ng
 RT: 9.09 min Scan# 630
 Delta R.T. -0.00 min
 Lab File: BF093593.D
 Acq: 12 Mar 2017 6:16

Tgt Ion:172 Resp: 1934685
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.4 44.0
 170 24.8 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

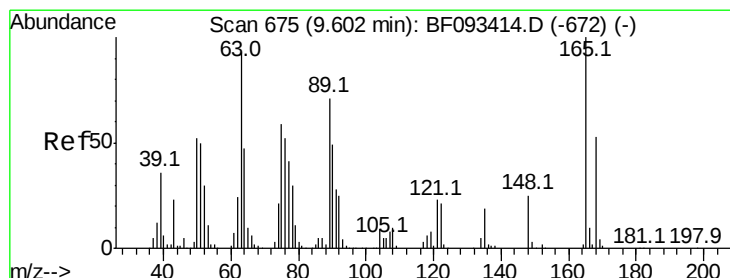
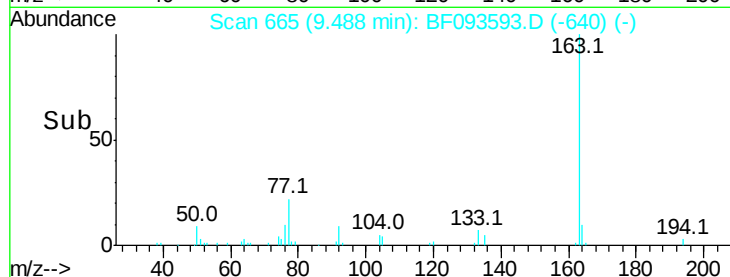
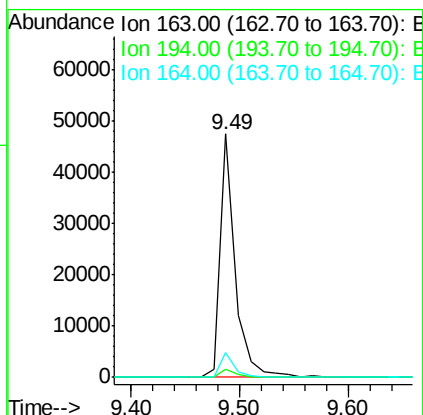
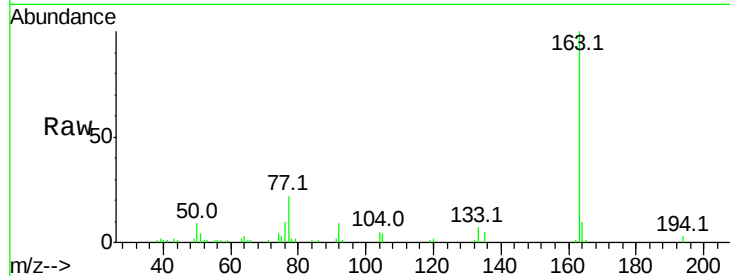




#49
Dimethylphthalate
Concen: 2.09 ng
RT: 9.49 min Scan# 665
Delta R.T. -0.01 min
Lab File: BF093593.D
Acq: 12 Mar 2017 6:16

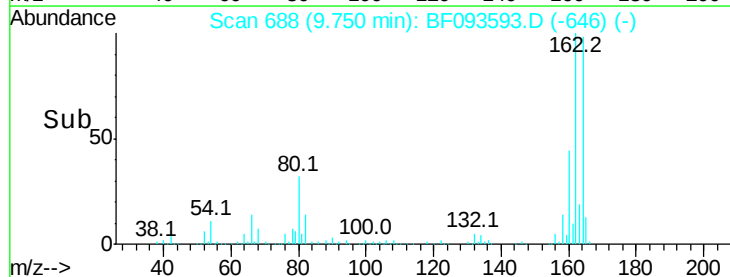
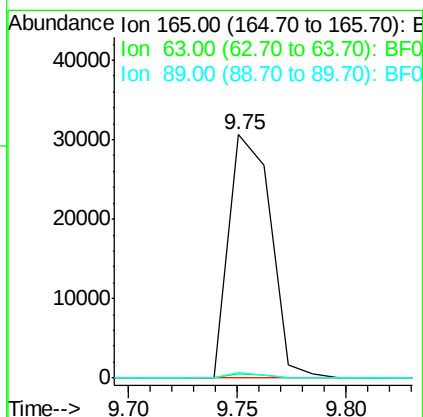
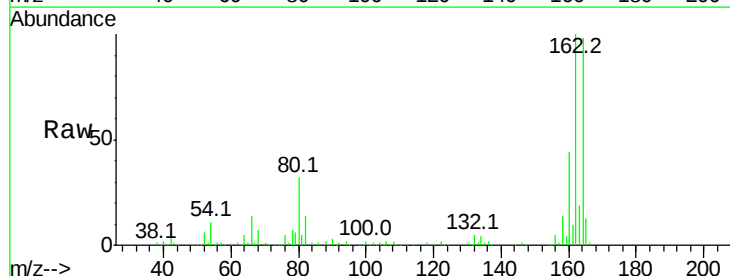
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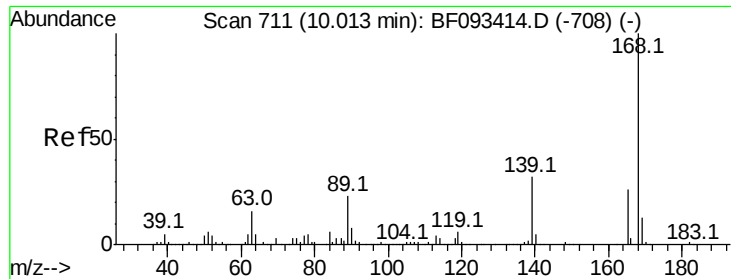
Tot Ion:163 Resp: 46095
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.4
164 10.0 8.0 12.0



#50
2,6-Dinitrotoluene
Concen: 8.45 ng
RT: 9.75 min Scan# 688
Delta R.T. 0.18 min
Lab File: BF093593.D
Acq: 12 Mar 2017 6:16

Tgt Ion:165 Resp: 40862
Ion Ratio Lower Upper
165 100
63 1.7 36.2 54.4#
89 2.2 40.2 60.4#

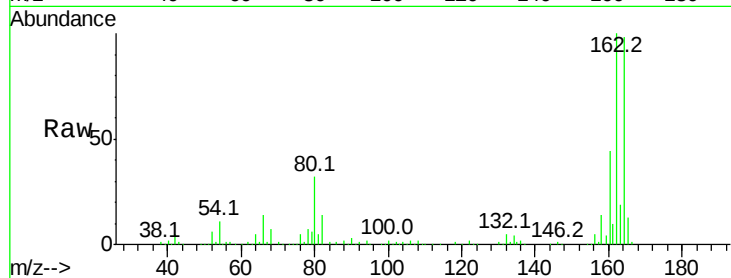




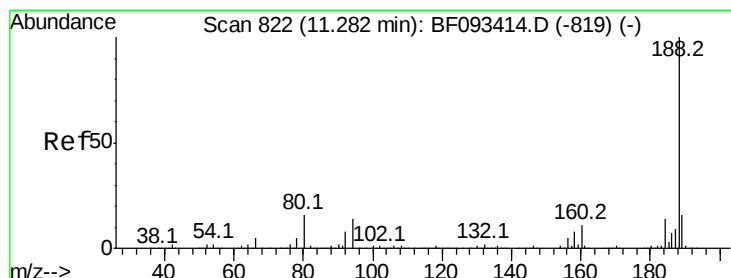
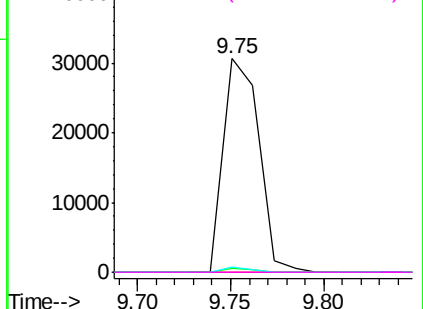
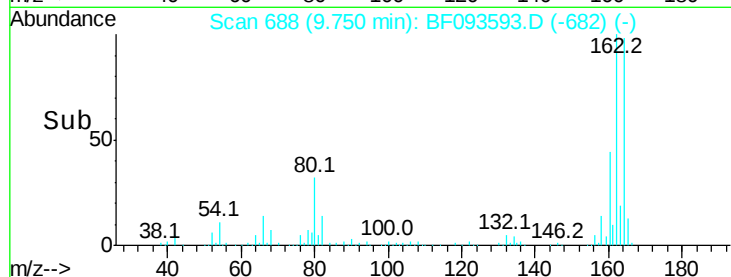
#56
2,4-Dinitrotoluene
Concen: 6.88 ng
RT: 9.75 min Scan# 688
Delta R.T. -0.23 min
Lab File: BF093593.D
Acq: 12 Mar 2017 6:16

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

Tot Ion:165 Resp: 40863
Ion Ratio Lower Upper
165 100
63 1.7 40.2 60.4#
89 2.2 62.5 93.7#
182 0.0 1.8 2.8#

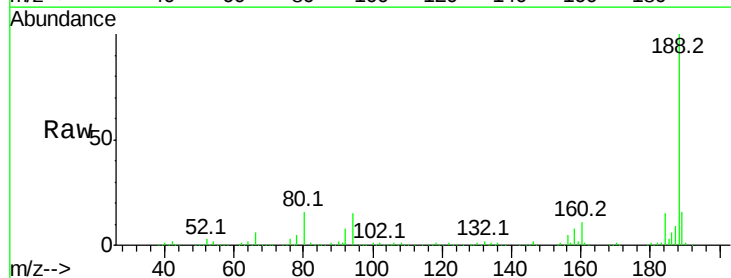


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

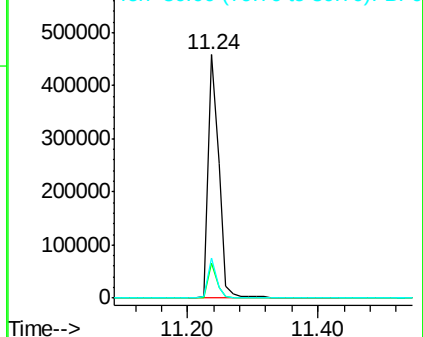
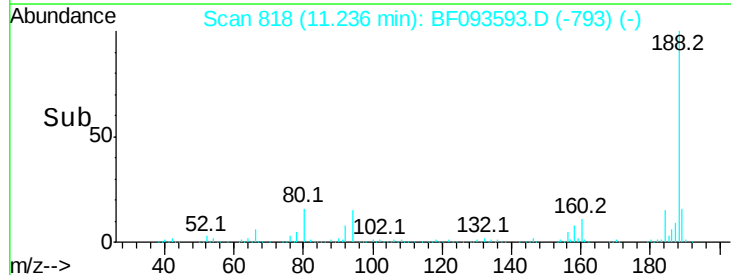


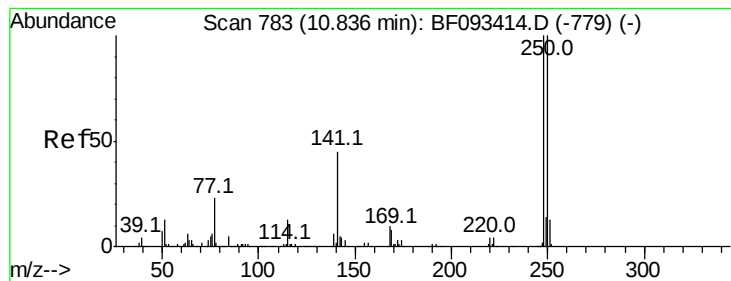
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF093593.D
Acq: 12 Mar 2017 6:16

Tgt Ion:188 Resp: 523571
Ion Ratio Lower Upper
188 100
94 14.6 10.0 15.0
80 16.3 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





#66

4-Bromophenyl-phenylether

Concen: 2.57 ng

RT: 10.55 min Scan# 758

Delta R.T. -0.24 min

Lab File: BF093593.D

Acq: 12 Mar 2017 6:16

Instrument :

BNA_F

ClientSampleId :

030617-DSDC-E-U-M

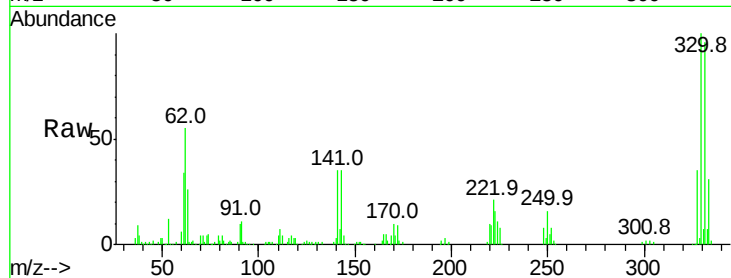
Tot Ion:248 Resp: 14203

Ion Ratio Lower Upper

248 100

250 192.9 76.9 115.3#

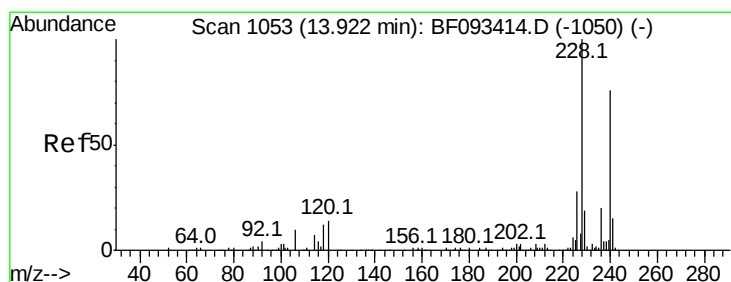
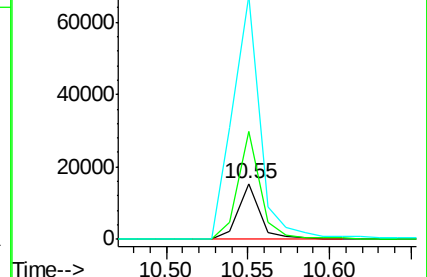
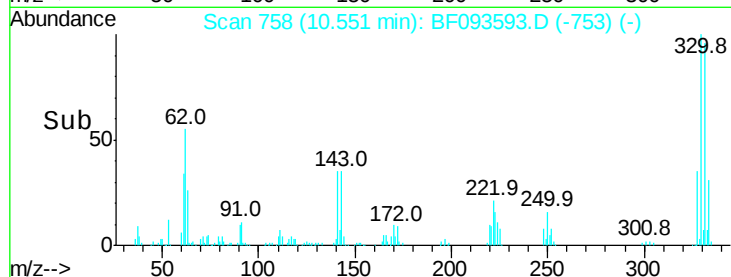
141 437.5 68.2 102.4#



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: BF093593.D

Acq: 12 Mar 2017 6:16

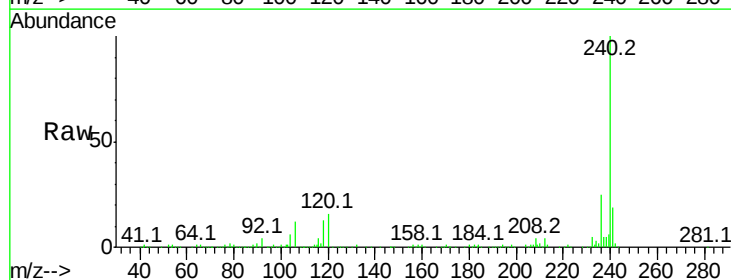
Tgt Ion:240 Resp: 380954

Ion Ratio Lower Upper

240 100

120 16.2 12.9 19.3

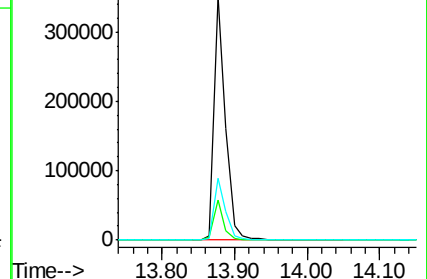
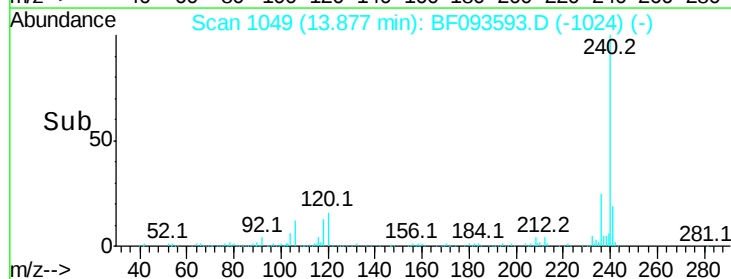
236 25.4 20.9 31.3

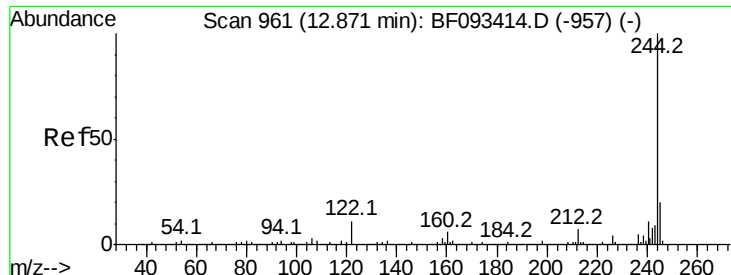


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

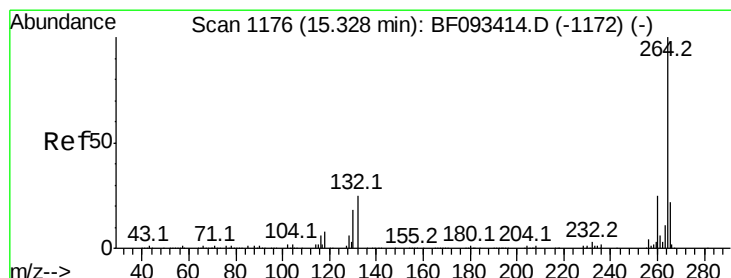
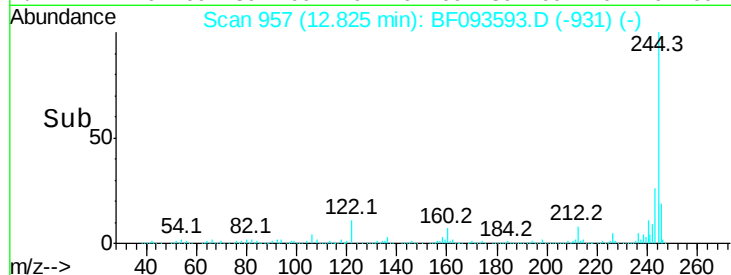
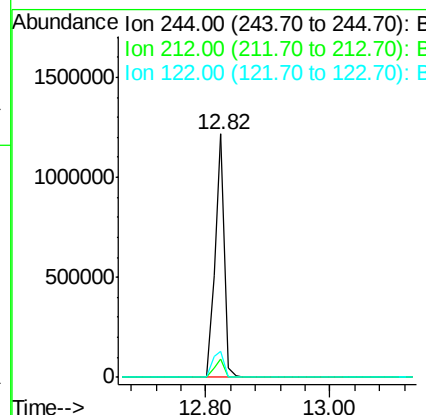
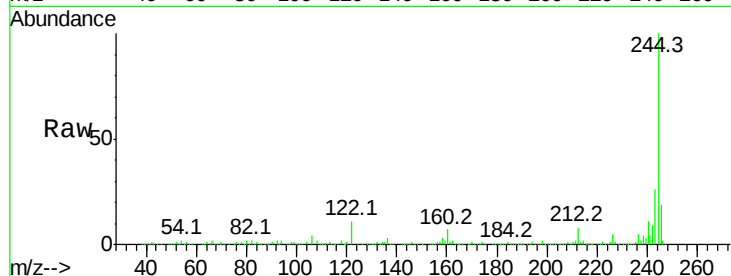




#78
 Terphenyl-d14
 Concen: 84.28 ng
 RT: 12.82 min Scan# 957
 Delta R.T. -0.00 min
 Lab File: BF093593.D
 Acq: 12 Mar 2017 6:16

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

Tot Ion:244 Resp: 1234889
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 10.7 11.4 17.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.28 min Scan# 1172
 Delta R.T. -0.00 min
 Lab File: BF093593.D
 Acq: 12 Mar 2017 6:16

Tgt Ion:264 Resp: 321100
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 21.5 17.4 26.0

