

Data Path : Z:\HPCHEM1\BNA F\Data\BF031117\
 Data File : BF093601.D
 Acq On : 12 Mar 2017 9:55
 Operator : SJ/MA
 Sample : I2198-02
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-23

Quant Time: Mar 13 18:51:43 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

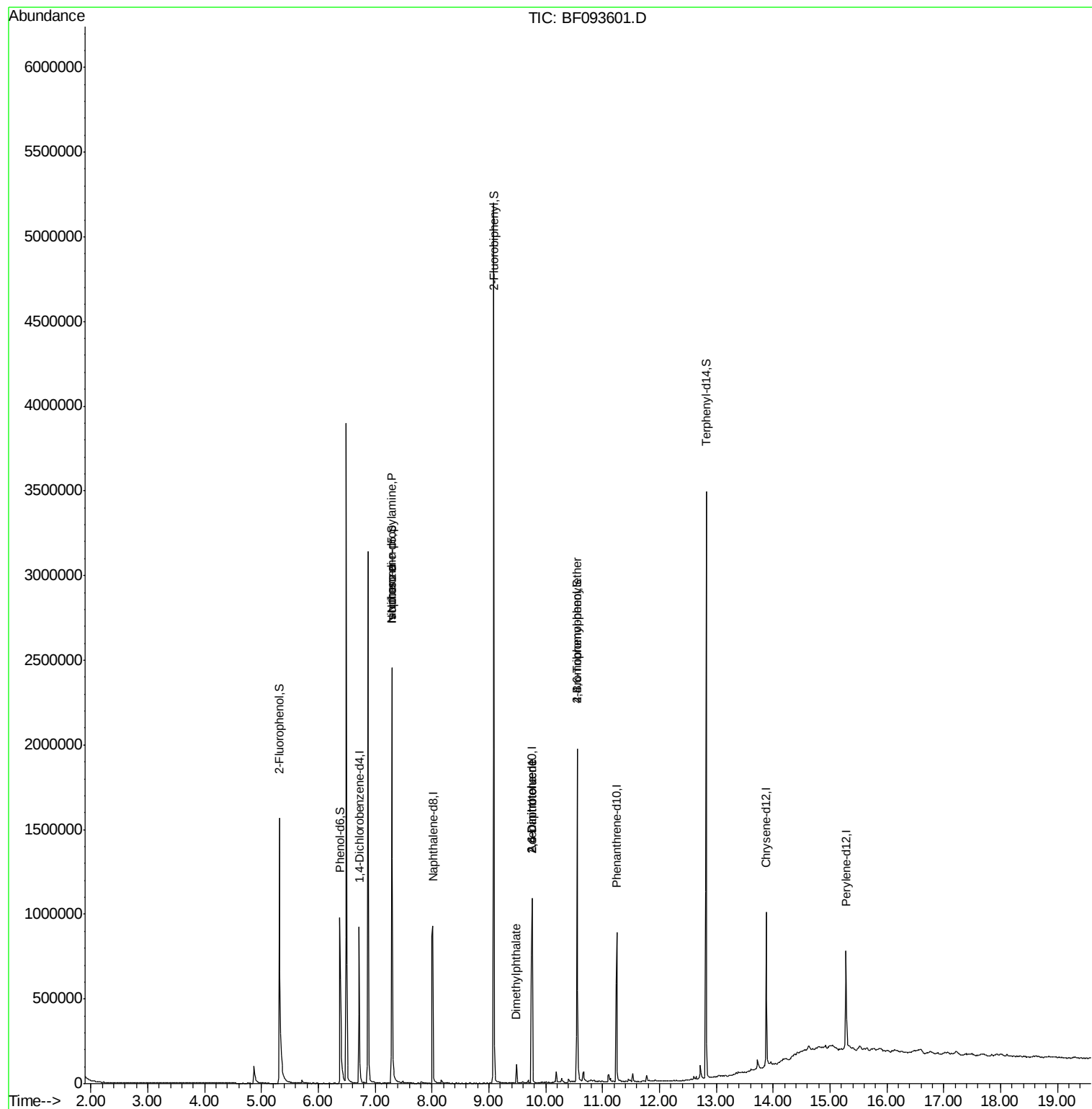
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	174222	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	671000	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	289835	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	425777	20.00	ng	0.00
75) Chrysene-d12	13.88	240	354905	20.00	ng	-0.01
86) Perylene-d12	15.28	264	293930	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	631248	60.30	ng	0.00
7) Phenol-d6	6.38	99	518117	39.25	ng	0.00
23) Nitrobenzene-d5	7.29	82	1003445	82.97	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	238796	126.46	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1739241	111.62	ng	0.00
78) Terphenyl-d14	12.83	244	1072376	78.56	ng	0.00
Target Compounds						
9) Benzaldehyde	6.39	77	798	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.29	70	131910	14.53	ng	# 80
25) Isophorone	7.29	82	961287	39.42	ng	# 65
49) Dimethylphthalate	9.49	163	49018	2.55	ng	99
50) 2,6-Dinitrotoluene	9.76	165	36235	8.59	ng	# 31
56) 2,4-Dinitrotoluene	9.76	165	36235	7.00	ng	# 20
66) 4-Bromophenyl-phenylether	10.55	248	16773	3.73	ng	# 1

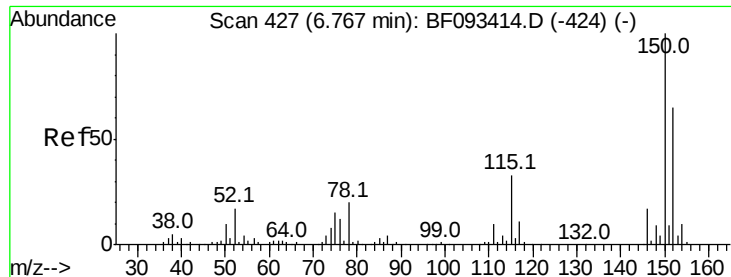
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF093601.D

Acq: 12 Mar 2017 9:55

Instrument :

BNA_F

ClientSampleId :

W-23

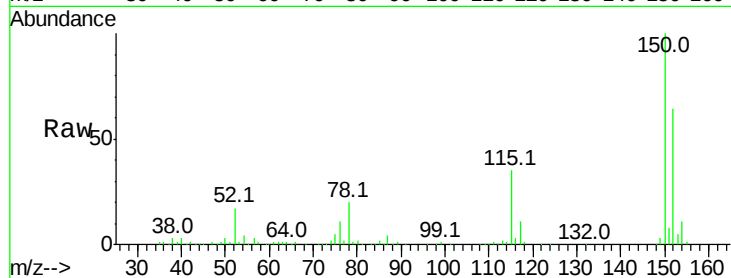
Tot Ion:152 Resp: 174222

Ion Ratio Lower Upper

152 100

150 155.9 124.9 187.3

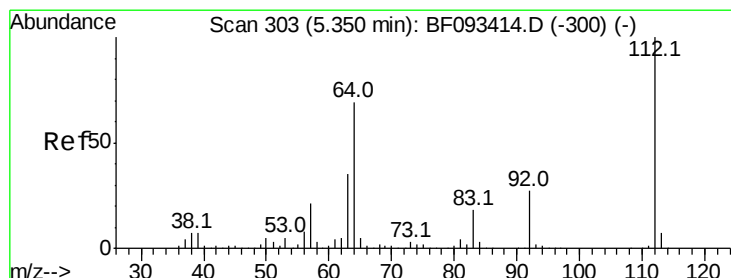
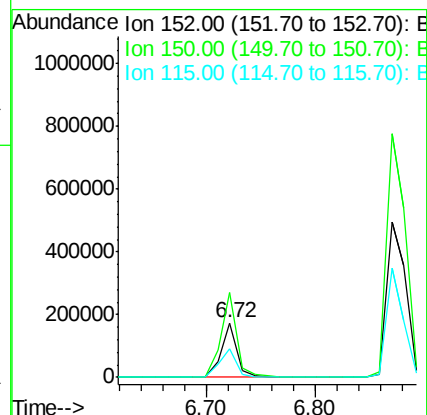
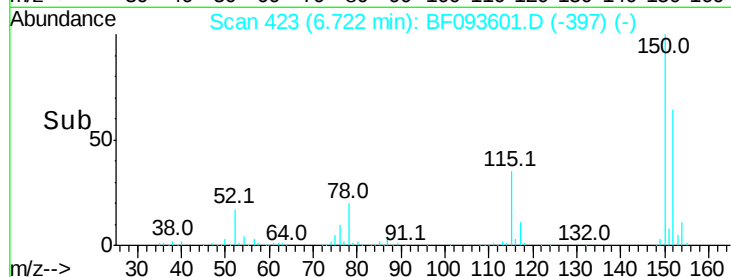
115 53.9 46.0 69.0



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: 60.30 ng

RT: 5.32 min Scan# 300

Delta R.T. 0.00 min

Lab File: BF093601.D

Acq: 12 Mar 2017 9:55

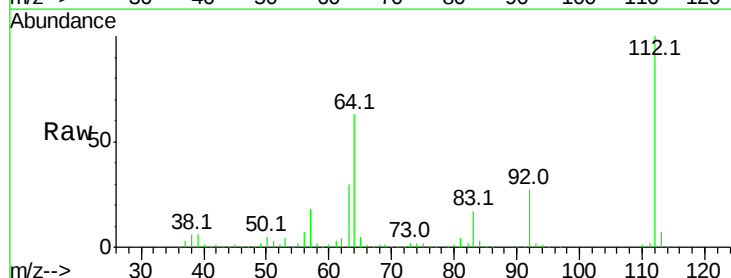
Tgt Ion:112 Resp: 631248

Ion Ratio Lower Upper

112 100

64 62.5 46.1 69.1

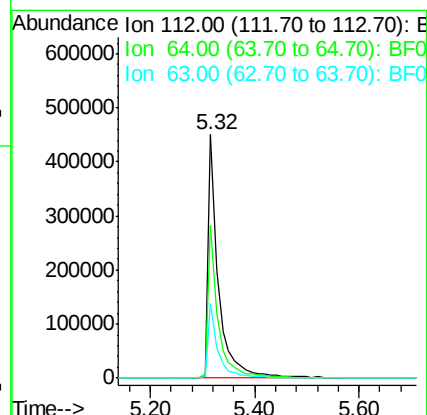
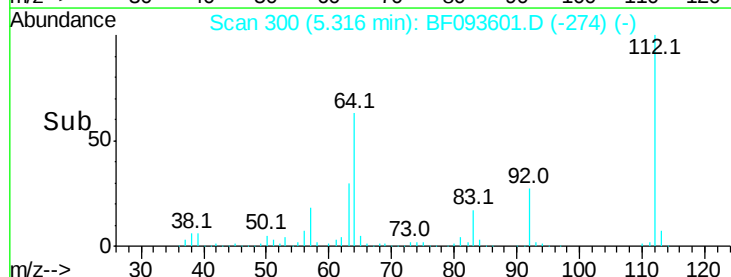
63 30.5 23.8 35.6

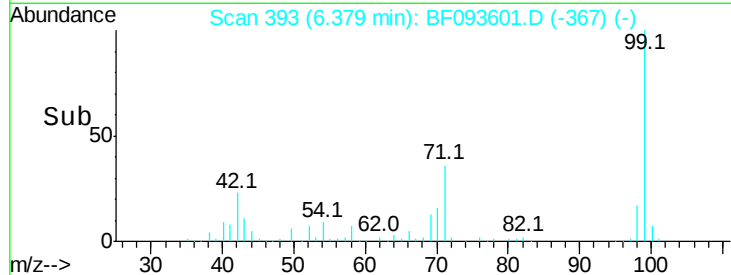
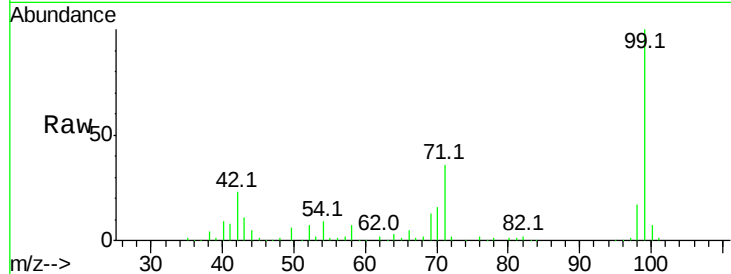
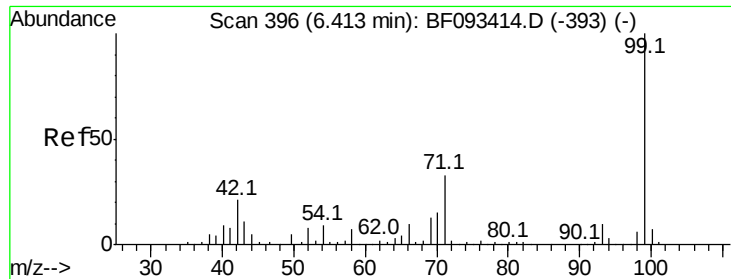


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 39.25 ng

RT: 6.38 min Scan# 393

Delta R.T. 0.00 min

Lab File: BF093601.D

Acq: 12 Mar 2017 9:55

Instrument :

BNA_F

ClientSampleId :

W-23

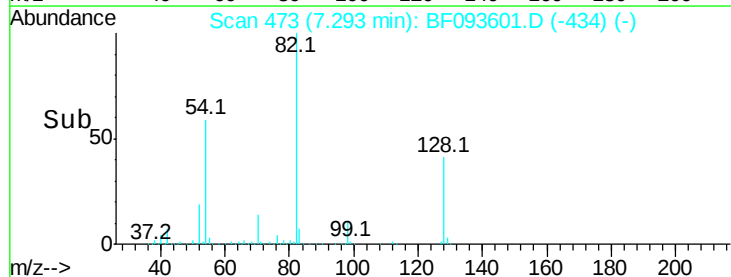
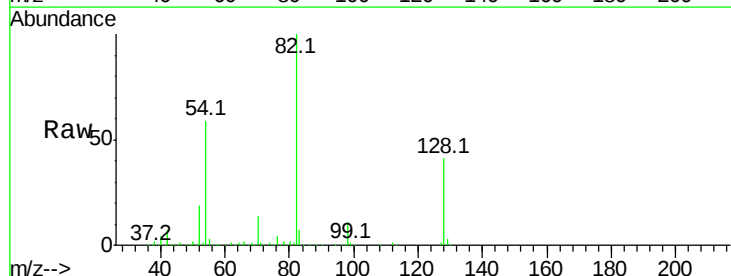
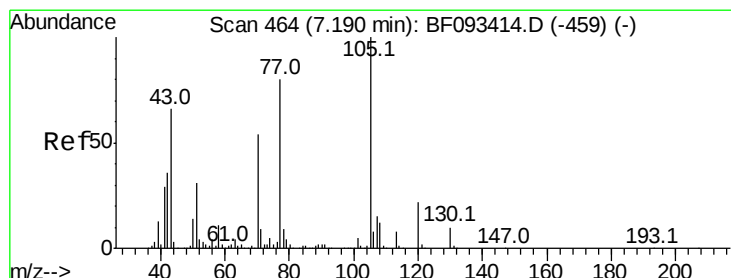
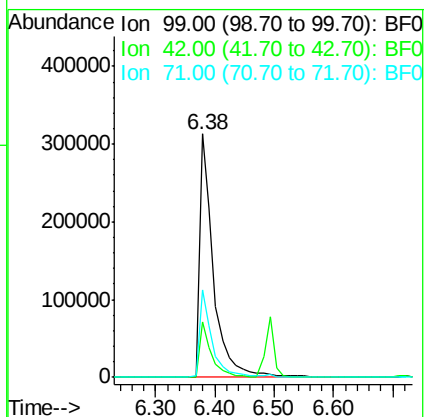
Tot Ion: 99 Resp: 518117

Ion Ratio Lower Upper

99 100

42 22.7 15.6 23.4

71 36.2 27.5 41.3



#19

n-Nitroso-di-n-propylamine

Concen: 14.53 ng

RT: 7.29 min Scan# 473

Delta R.T. 0.15 min

Lab File: BF093601.D

Acq: 12 Mar 2017 9:55

Tgt Ion: 70 Resp: 131910

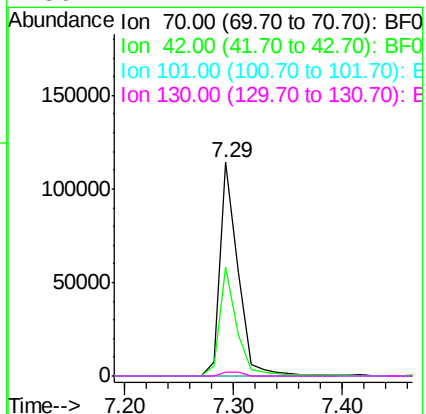
Ion Ratio Lower Upper

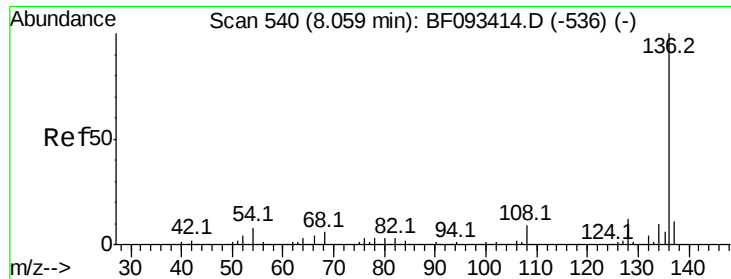
70 100

42 50.9 49.4 74.0

101 0.0 7.4 11.2#

130 2.1 14.2 21.4#

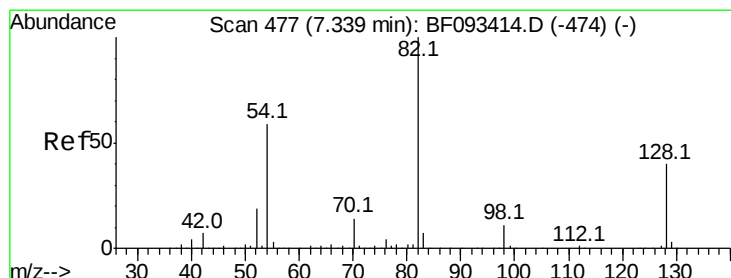
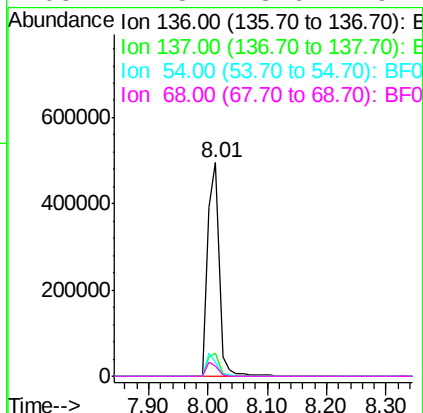
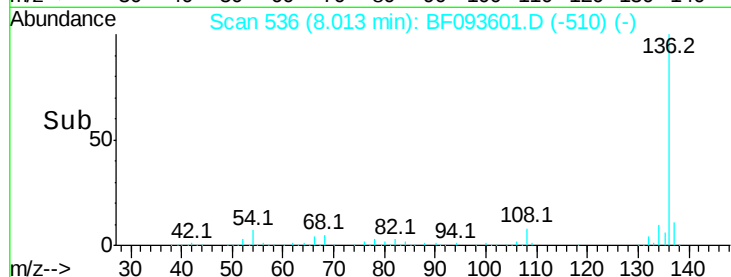
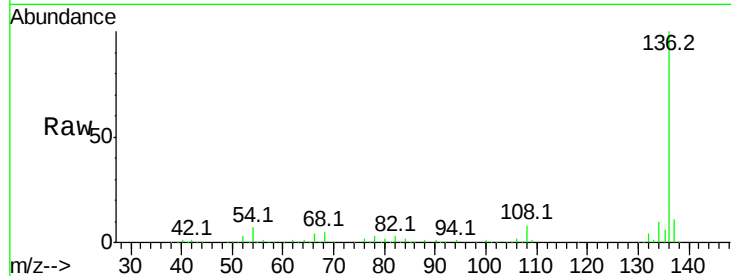




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.01 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF093601.D
Acq: 12 Mar 2017 9:55

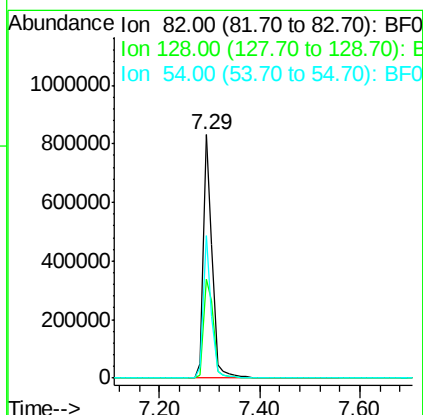
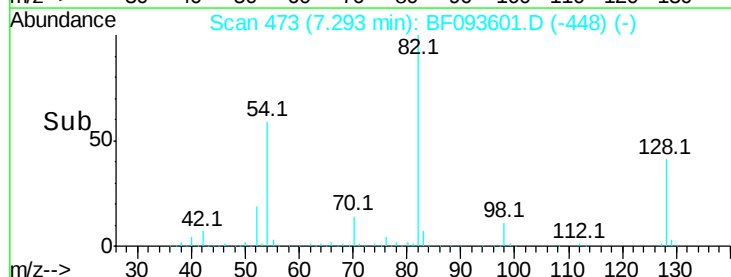
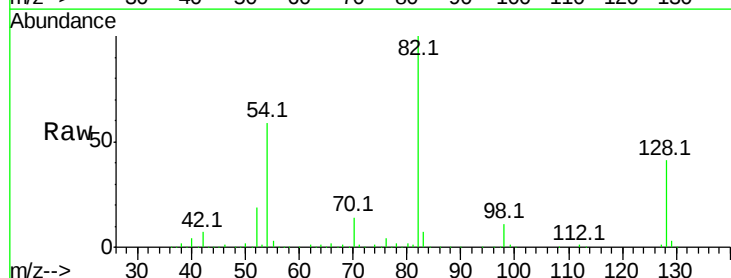
Instrument :
BNA_F
ClientSampleId :
W-23

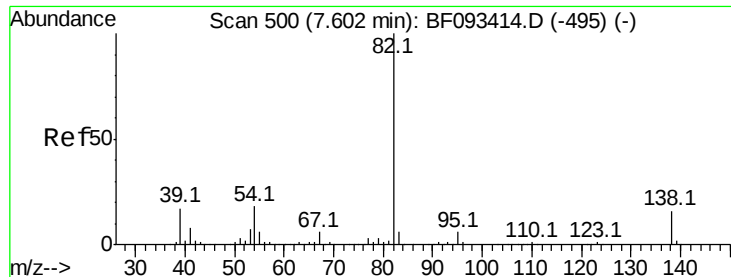
Tot Ion:	136	Resp:	671000
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.4	12.6
54	6.7	4.5	6.7#
68	4.8	3.6	5.4



#23
Nitrobenzene-d5
Concen: 82.97 ng
RT: 7.29 min Scan# 473
Delta R.T. -0.01 min
Lab File: BF093601.D
Acq: 12 Mar 2017 9:55

Tgt Ion:	82	Resp:	1003445
Ion	Ratio	Lower	Upper
82	100		
128	40.9	34.6	52.0
54	58.6	39.5	59.3





#25

Isophorone

Concen: 39.42 ng

RT: 7.29 min Scan# 473

Delta R.T. -0.26 min

Lab File: BF093601.D

Acq: 12 Mar 2017 9:55

Instrument :

BNA_F

ClientSampleId :

W-23

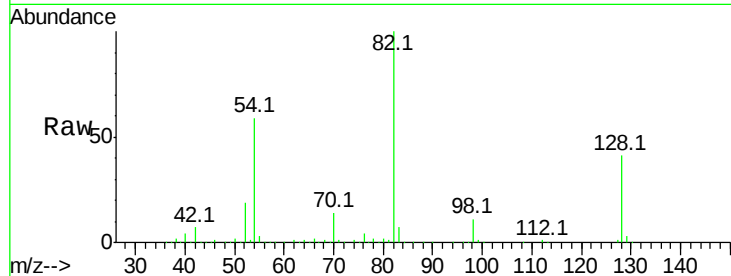
Tot Ion: 82 Resp: 961287

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 14.6 22.0#

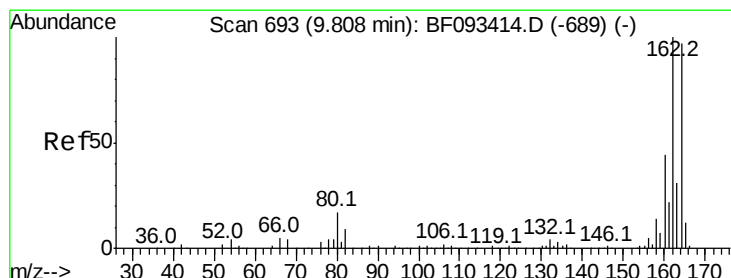
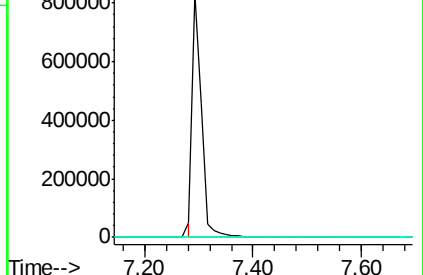
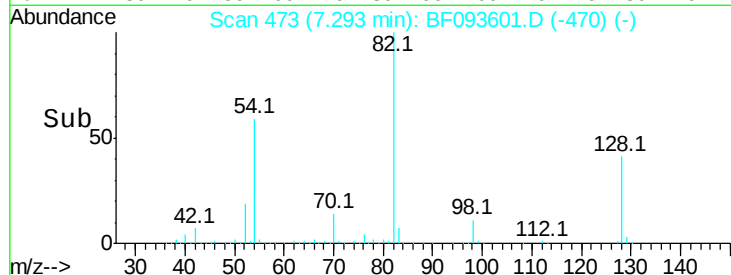


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.76 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF093601.D

Acq: 12 Mar 2017 9:55

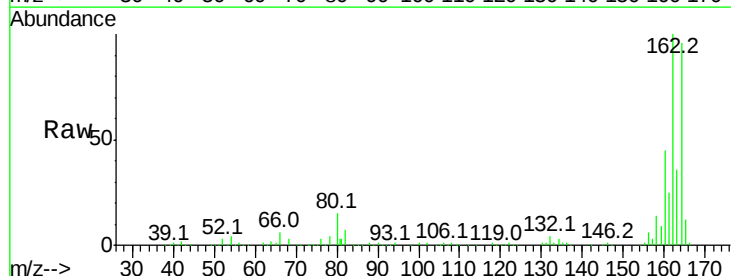
Tgt Ion: 164 Resp: 289835

Ion Ratio Lower Upper

164 100

162 103.7 80.2 120.2

160 46.4 36.9 55.3

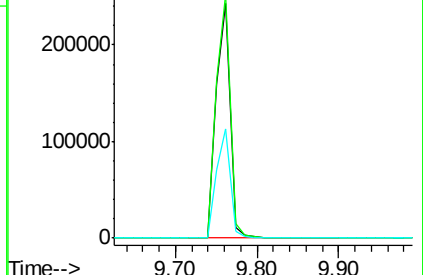
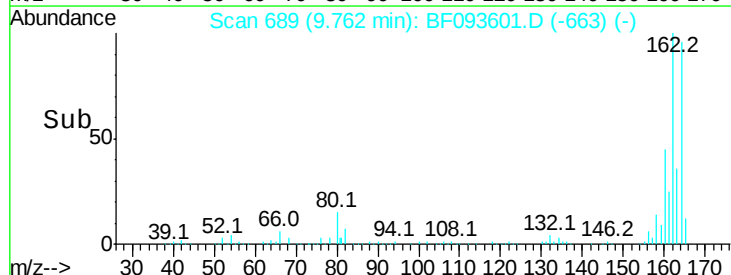


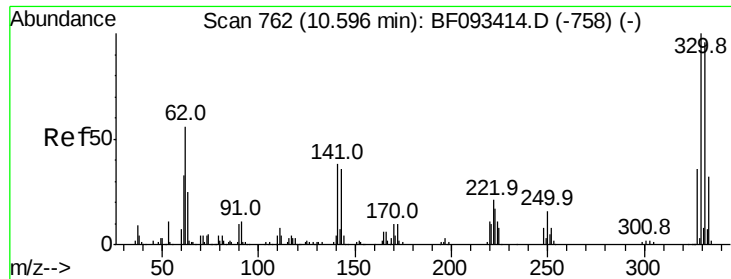
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

Time-->

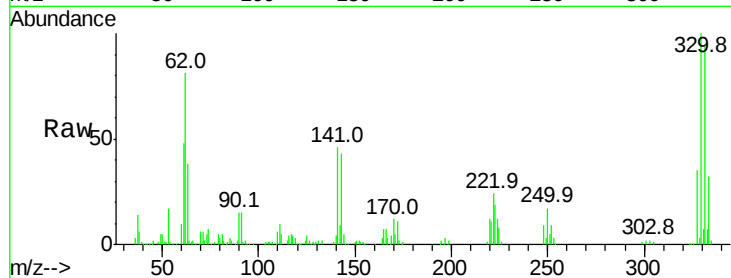




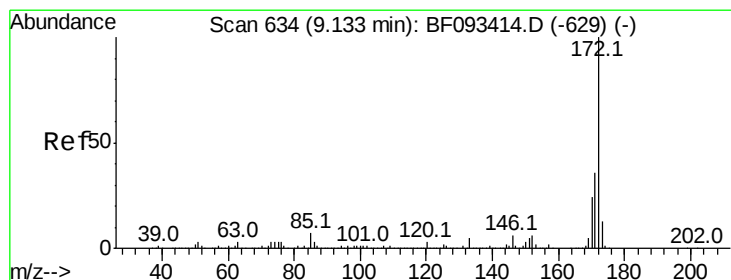
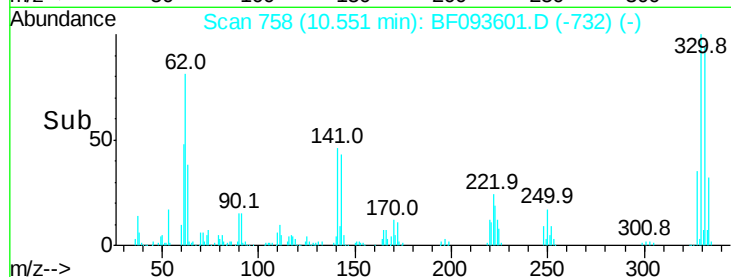
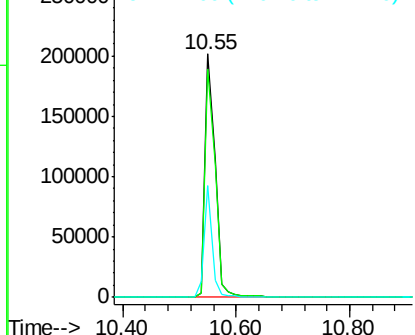
#41
 2,4,6-Tribromophenol
 Concen: 126.46 ng
 RT: 10.55 min Scan# 758
 Delta R.T. 0.00 min
 Lab File: BF093601.D
 Acq: 12 Mar 2017 9:55

Instrument :
 BNA_F
 ClientSampled :
 W-23

Tot Ion:330 Resp: 238796
 Ion Ratio Lower Upper
 330 100
 332 94.8 77.4 116.2
 141 36.9 34.1 51.1

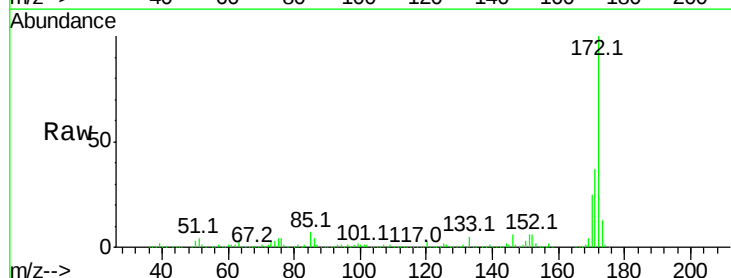


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

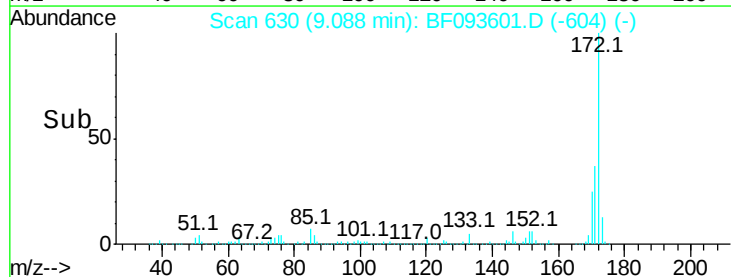
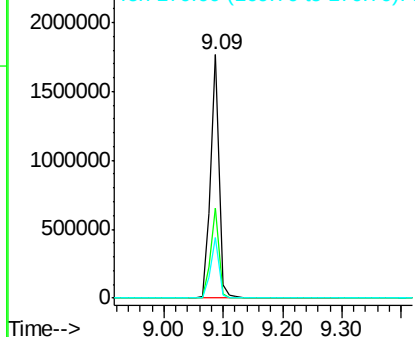


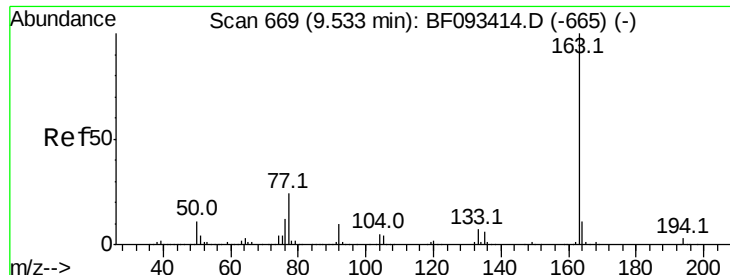
#44
 2-Fluorobiphenyl
 Concen: 111.62 ng
 RT: 9.09 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF093601.D
 Acq: 12 Mar 2017 9:55

Tgt Ion:172 Resp: 1739241
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.4 44.0
 170 24.9 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: 2.55 ng

RT: 9.49 min Scan# 665

Delta R.T. -0.01 min

Lab File: BF093601.D

Acq: 12 Mar 2017 9:55

Instrument :

BNA_F

ClientSampleId :

W-23

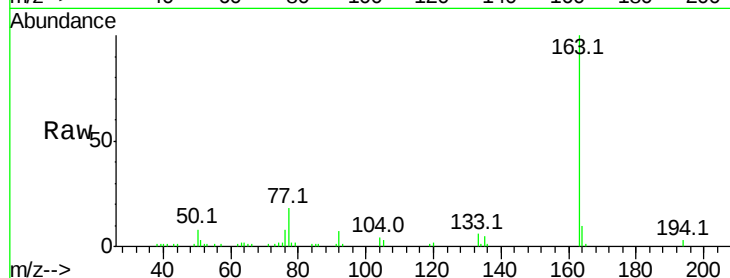
Tot Ion:163 Resp: 49018

Ion Ratio Lower Upper

163 100

194 3.4 3.0 4.4

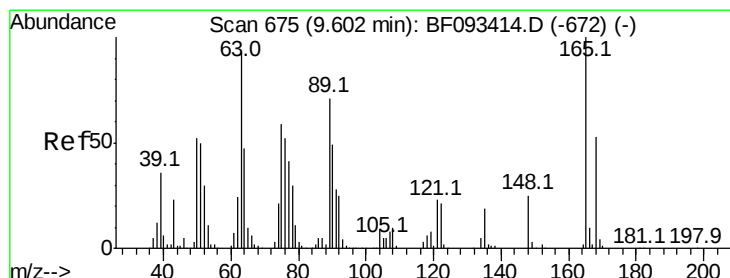
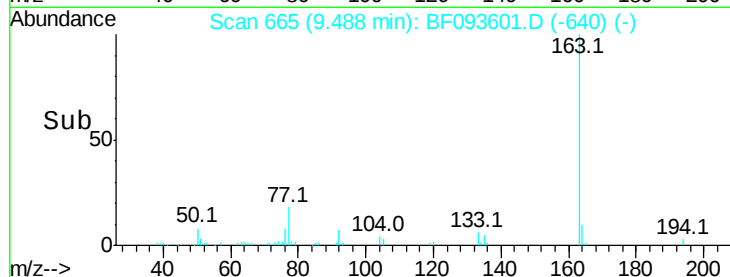
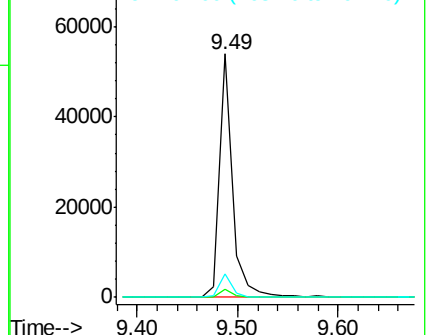
164 9.5 8.0 12.0



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



#50

2,6-Dinitrotoluene

Concen: 8.59 ng

RT: 9.76 min Scan# 689

Delta R.T. 0.19 min

Lab File: BF093601.D

Acq: 12 Mar 2017 9:55

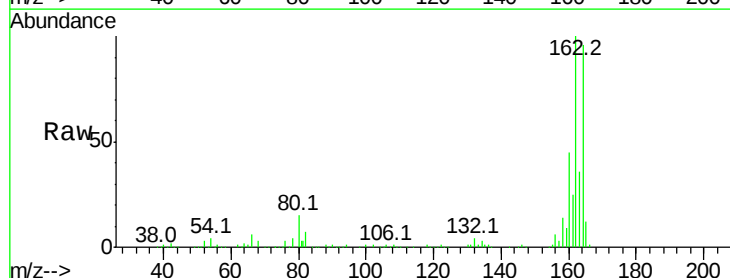
Tgt Ion:165 Resp: 36235

Ion Ratio Lower Upper

165 100

63 1.2 36.2 54.4#

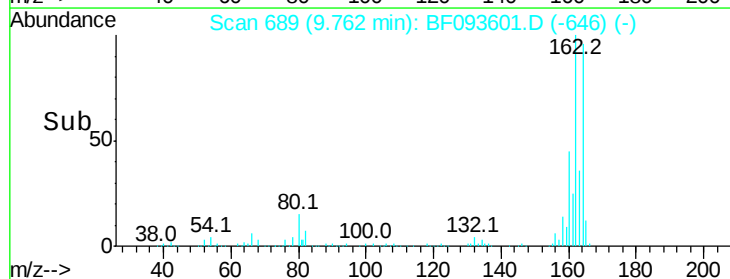
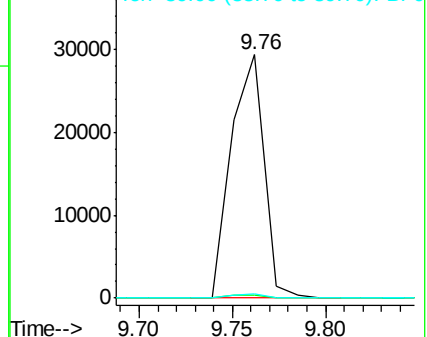
89 1.6 40.2 60.4#

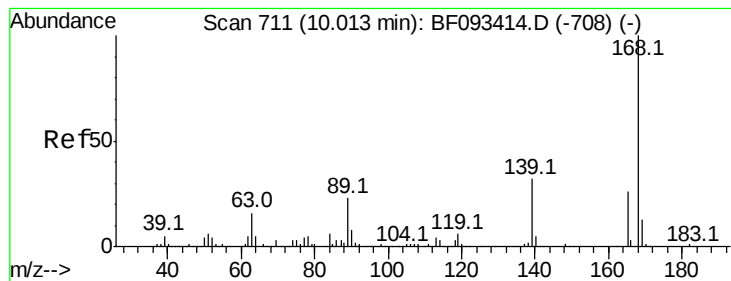


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#56

2,4-Dinitrotoluene

Concen: 7.00 ng

RT: 9.76 min Scan# 689

Delta R.T. -0.22 min

Lab File: BF093601.D

Acq: 12 Mar 2017 9:55

Instrument :

BNA_F

ClientSampleId :

W-23

Tot Ion:165 Resp: 36235

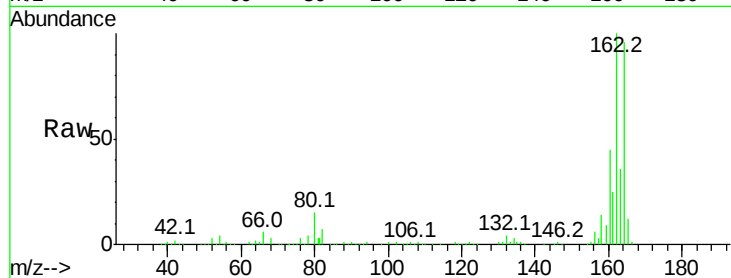
Ion Ratio Lower Upper

165 100

63 1.2 40.2 60.4#

89 1.6 62.5 93.7#

182 0.0 1.8 2.8#

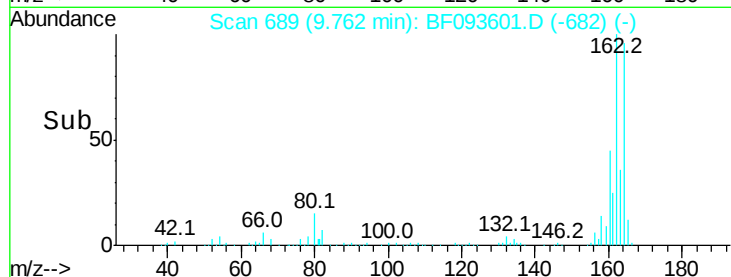


Abundance Ion 165.00 (164.70 to 165.70): E

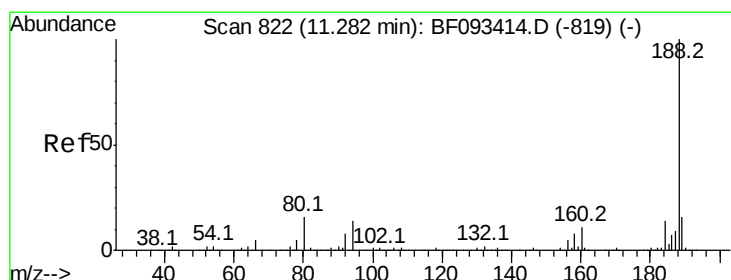
Ion 63.00 (62.70 to 63.70): BF0

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: 11.25 min Scan# 819

Delta R.T. 0.00 min

Lab File: BF093601.D

Acq: 12 Mar 2017 9:55

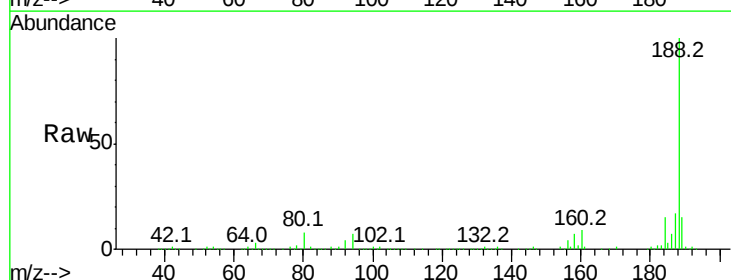
Tgt Ion:188 Resp: 425777

Ion Ratio Lower Upper

188 100

94 7.3 10.0 15.0#

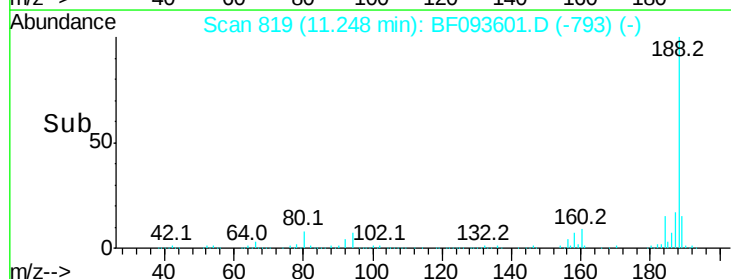
80 7.8 11.2 16.8#



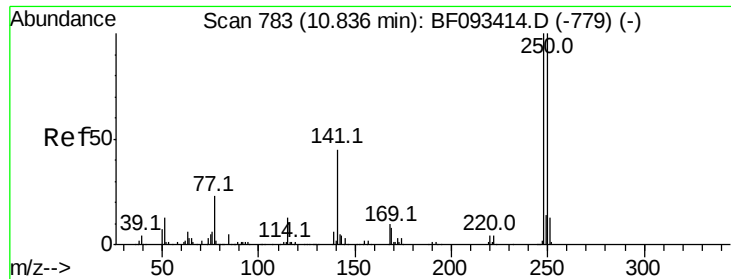
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



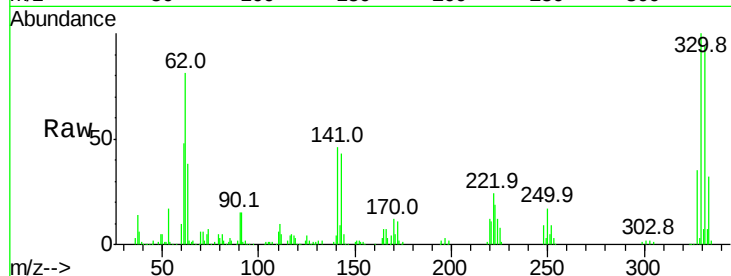
Time-->



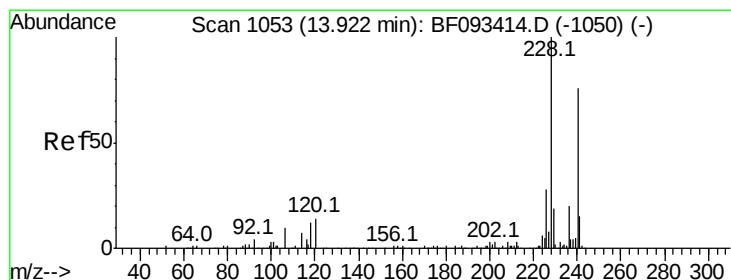
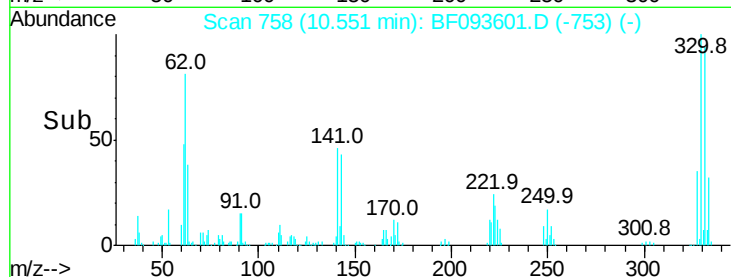
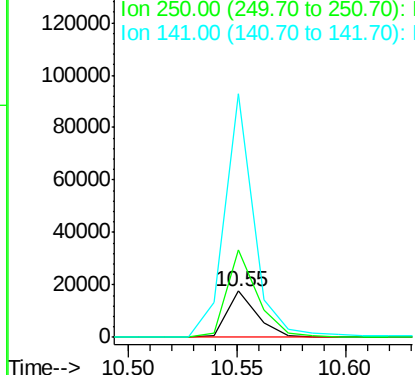
#66
 4-Bromophenyl-phenylether
 Concen: 3.73 ng
 RT: 10.55 min Scan# 758
 Delta R.T. -0.24 min
 Lab File: BF093601.D
 Acq: 12 Mar 2017 9:55

Instrument :
 BNA_F
 ClientSampleId :
 W-23

Tot Ion:248 Resp: 16773
 Ion Ratio Lower Upper
 248 100
 250 191.0 76.9 115.3#
 141 528.9 68.2 102.4#

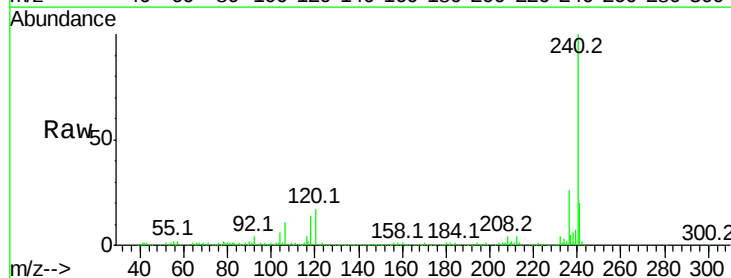


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

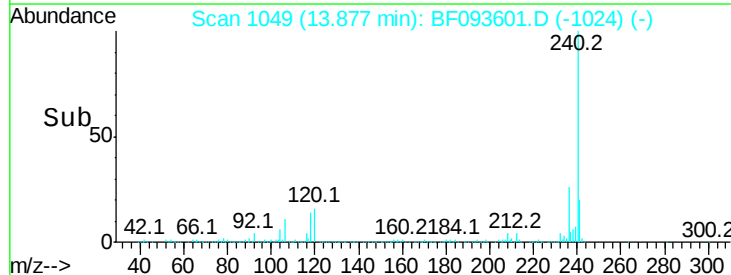
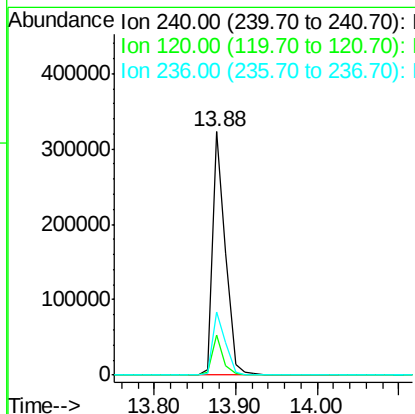


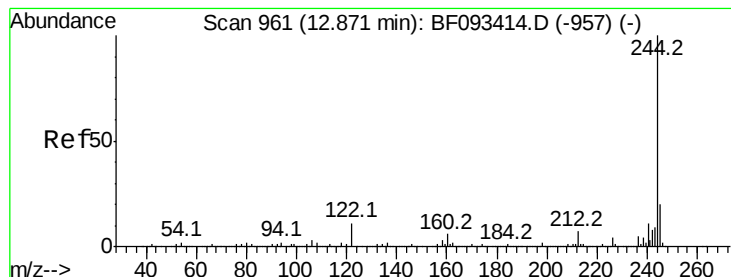
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.88 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: BF093601.D
 Acq: 12 Mar 2017 9:55

Tgt Ion:240 Resp: 354905
 Ion Ratio Lower Upper
 240 100
 120 16.6 12.9 19.3
 236 25.9 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: 78.56 ng

RT: 12.83 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF093601.D

Acq: 12 Mar 2017 9:55

Instrument :

BNA_F

ClientSampleId :

W-23

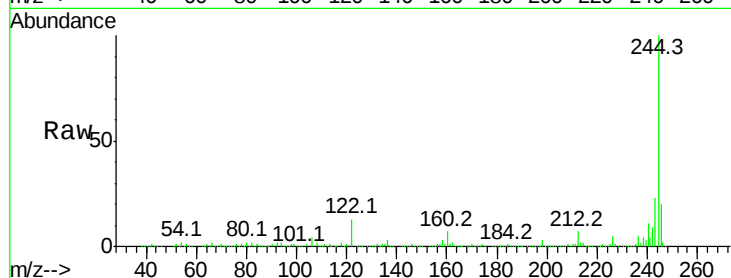
Tot Ion:244 Resp: 1072376

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

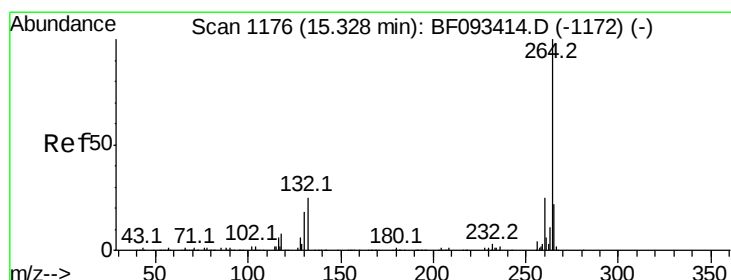
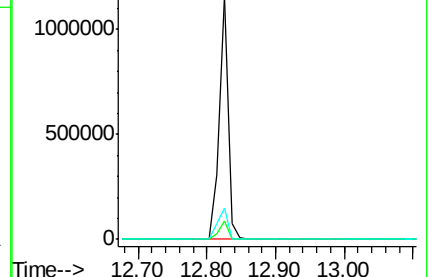
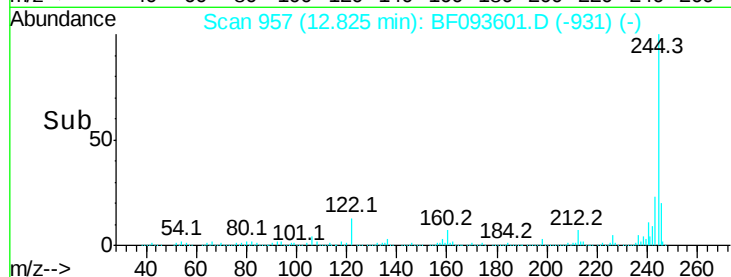
122 12.7 11.4 17.2



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: BF093601.D

Acq: 12 Mar 2017 9:55

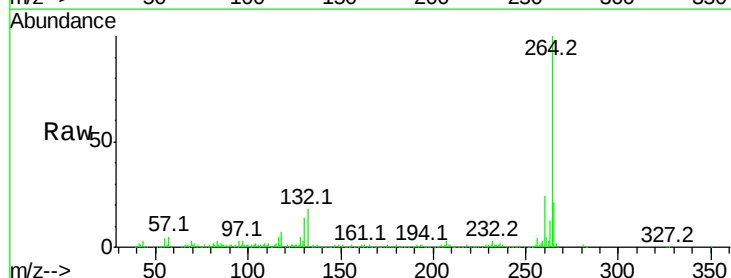
Tgt Ion:264 Resp: 293930

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

265 21.3 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

