

Data File : BF093161.D
Acq On : 24 Feb 2017 23:00
Operator : SJ/MA
Sample : I1966-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
33B-9-11

Quant Time: Feb 25 01:10:31 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	6.83	152	146922	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	587065	20.00	ng	-0.02
38) Acenaphthene-d10	9.88	164	282493	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	532997	20.00	ng	-0.02
75) Chrysene-d12	14.00	240	467731	20.00	ng	-0.02
86) Perylene-d12	15.43	264	356866	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1034763	120.83	ng	-0.02
7) Phenol-d6	6.48	99	1482103	134.51	ng	-0.01
23) Nitrobenzene-d5	7.40	82	842441	79.91	ng	-0.02
41) 2,4,6-Tribromophenol	10.67	330	279699	136.90	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1464030	93.89	ng	-0.01
78) Terphenyl-d14	12.95	244	1271652	63.88	ng	-0.02
Target Compounds						
10) Phenol	6.49	94	70420	5.46	ng	# 63
19) n-Nitroso-di-n-propylamine	7.40	70	109398	15.60	ng	# 82
25) Isophorone	7.40	82	643123	32.74	ng	# 65
49) Dimethylphthalate	9.60	163	118620	6.23	ng	# 99
56) 2,4-Dinitrotoluene	9.88	165	35480	6.49	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.67	198	559	2.83	ng	# 1
66) 4-Bromophenyl-phenylether	10.67	248	21444	3.85	ng	# 1

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

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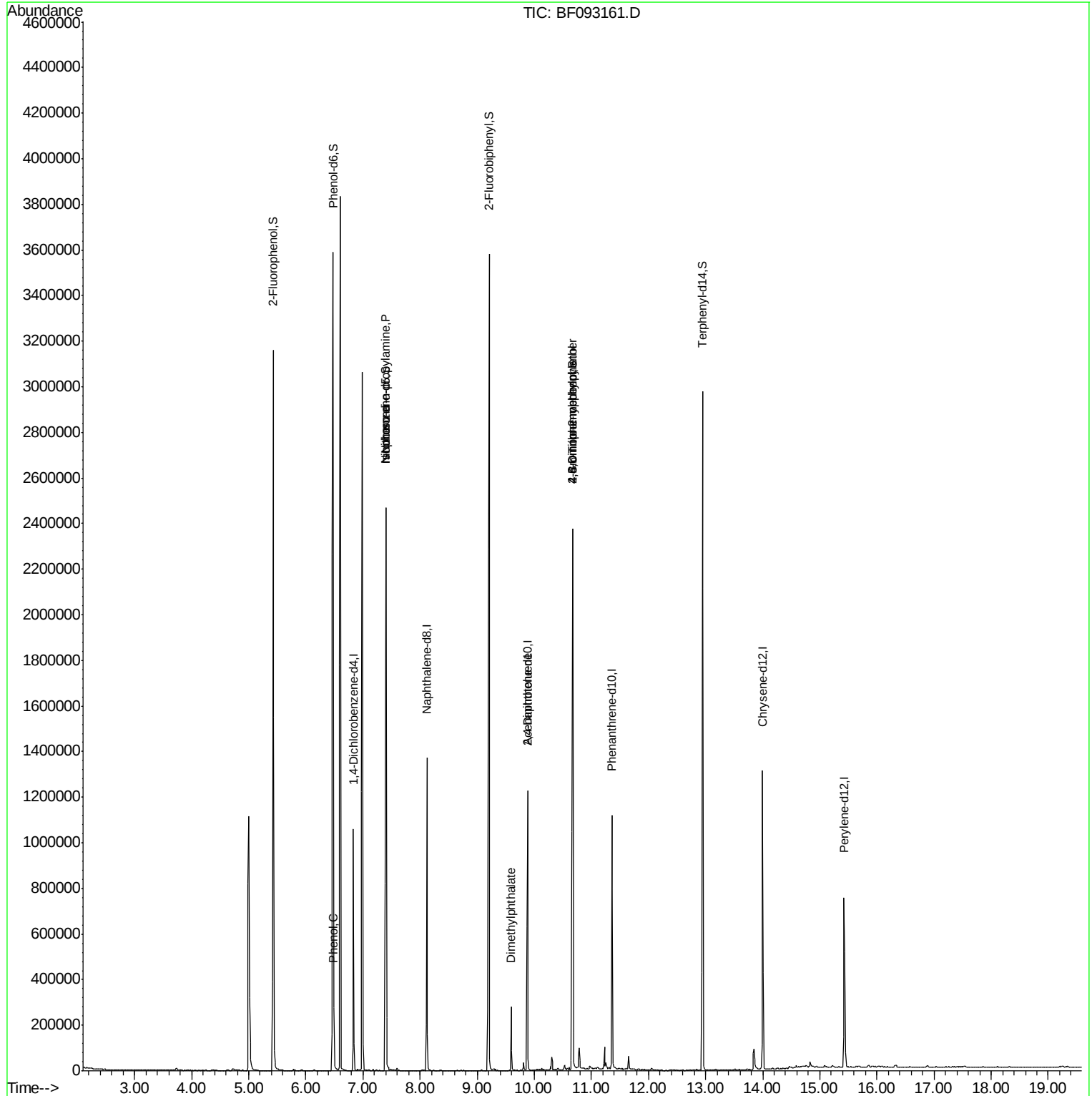
Quant Time: Feb 25 01:10:31 2017

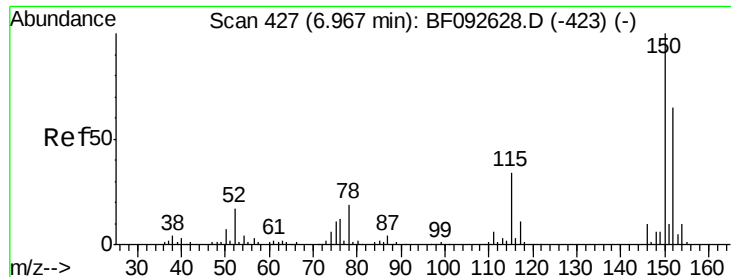
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Feb 17 17:31:55 2017

Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.02 min

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Instrument :

BNA_F

ClientSampleId :

33B-9-11

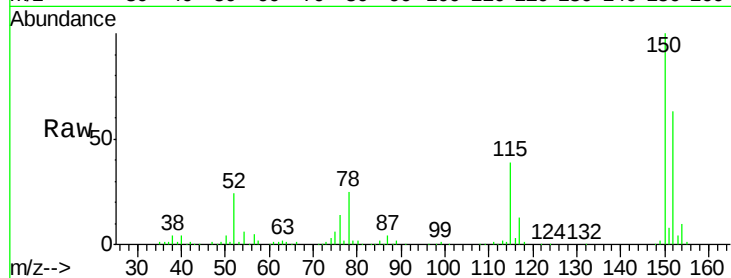
Tgt Ion:152 Resp: 146922

Ion Ratio Lower Upper

152 100

150 158.3 124.9 187.3

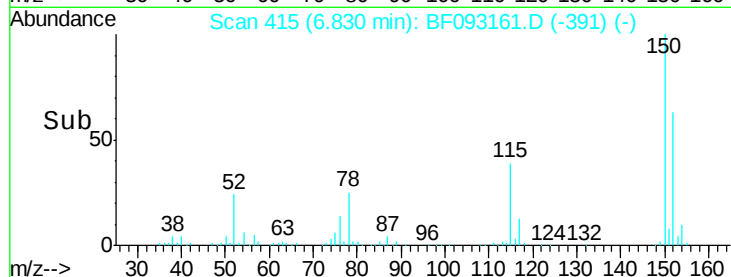
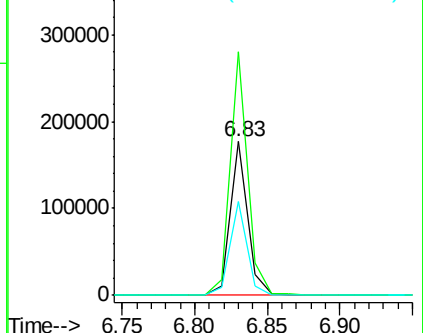
115 61.4 46.0 69.0



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: 120.83 ng

RT: 5.42 min Scan# 292

Delta R.T. -0.02 min

Lab File: BF093161.D

Acq: 24 Feb 2017 23:00

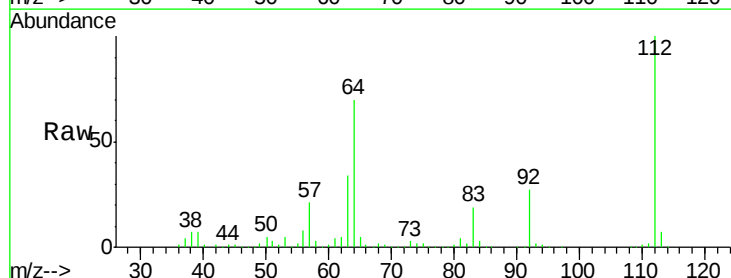
Tgt Ion:112 Resp: 1034763

Ion Ratio Lower Upper

112 100

64 70.0 46.1 69.1#

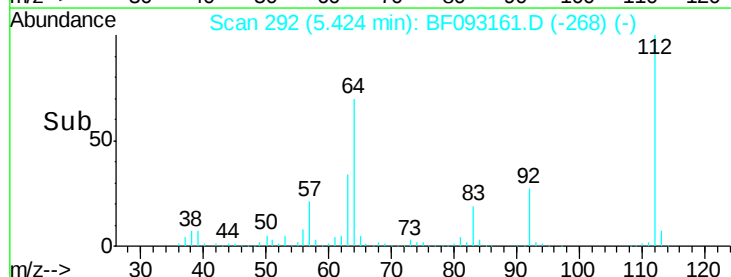
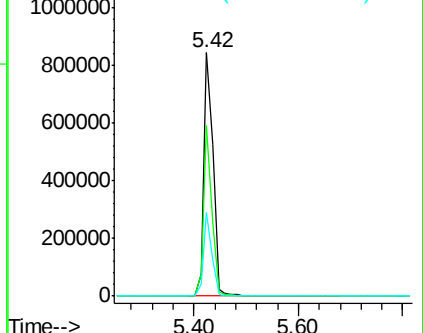
63 34.2 23.8 35.6

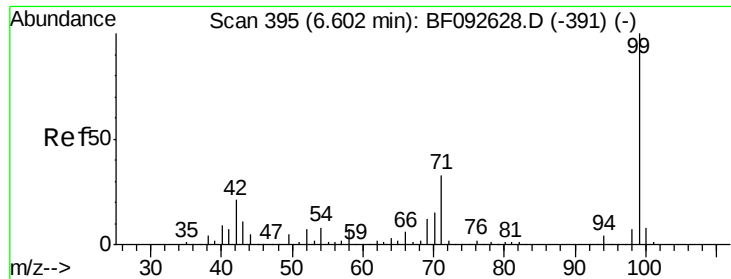


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

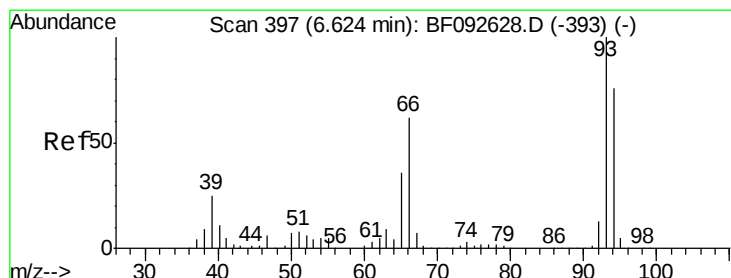
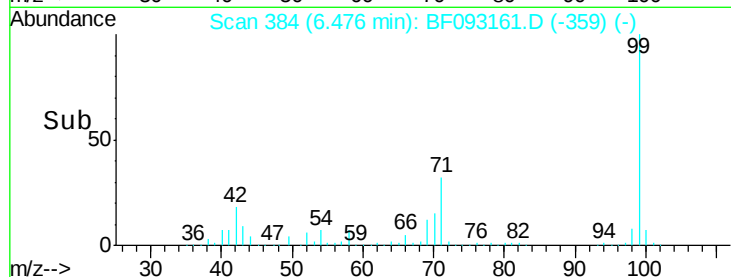
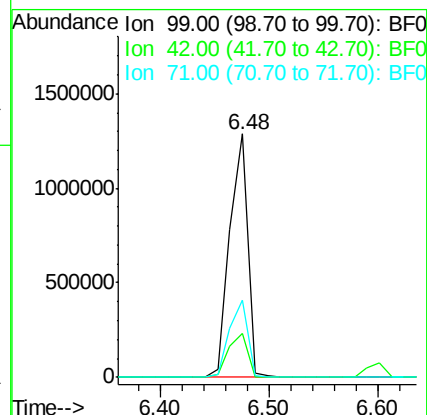
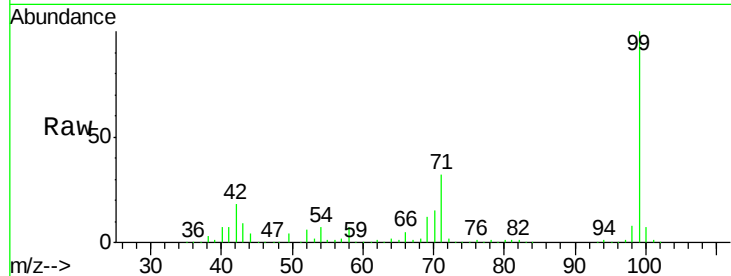




#7
Phenol-d6
Concen: 134.51 ng
RT: 6.48 min Scan# 384
Delta R.T. -0.01 min
Lab File: BF093161.D
Acq: 24 Feb 2017 23:00

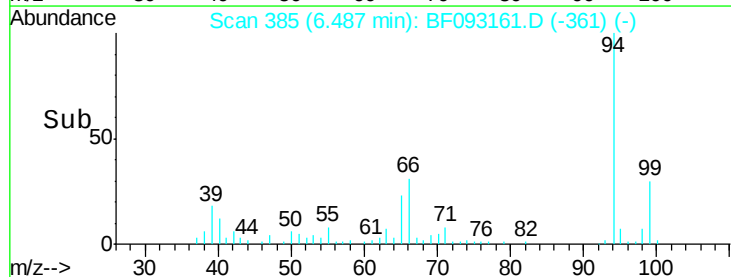
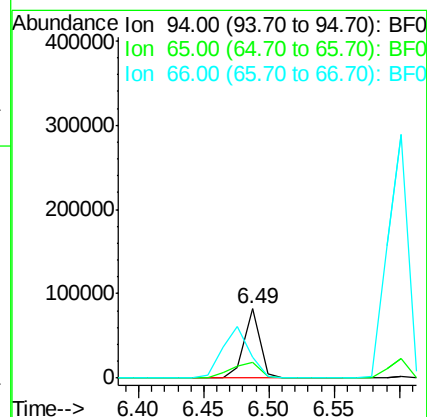
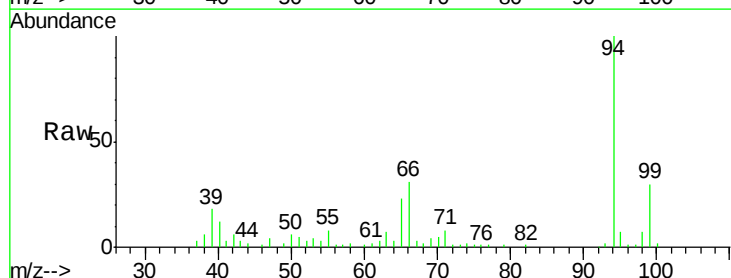
Instrument :
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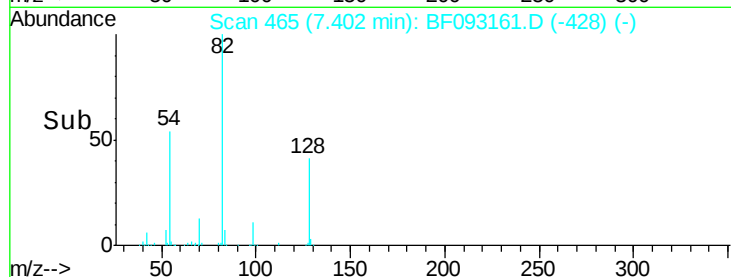
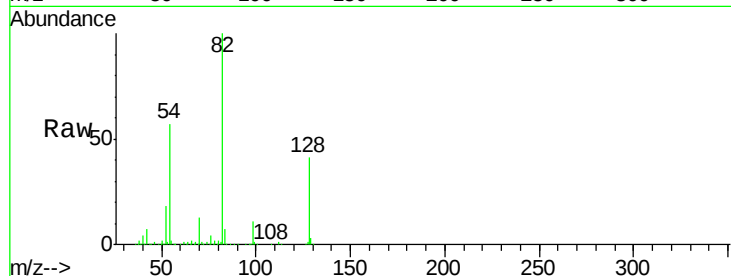
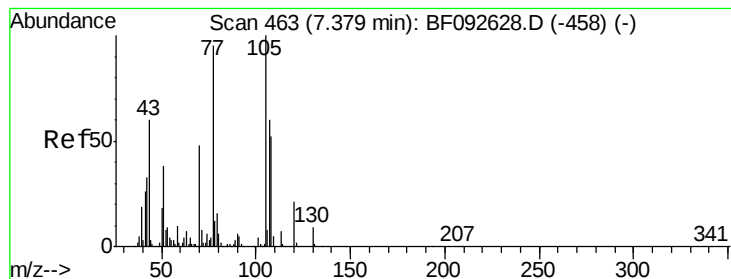
Tgt Ion: 99 Resp: 1482103
Ion Ratio Lower Upper
99 100
42 18.1 15.6 23.4
71 31.5 27.5 41.3



#10
Phenol
Concen: 5.46 ng
RT: 6.49 min Scan# 385
Delta R.T. -0.02 min
Lab File: BF093161.D
Acq: 24 Feb 2017 23:00

Tgt Ion: 94 Resp: 70420
Ion Ratio Lower Upper
94 100
65 22.9 21.4 61.4
66 30.8 44.0 84.0#





#19

n-Nitroso-di-n-propylamine

Concen: 15.60 ng

RT: 7.40 min Scan# 465

Delta R.T. 0.13 min

Lab File: BF093161.D

Acq: 24 Feb 2017 23:00

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion: 70 Resp: 109398

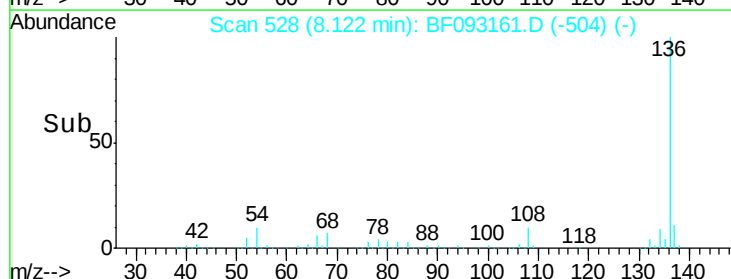
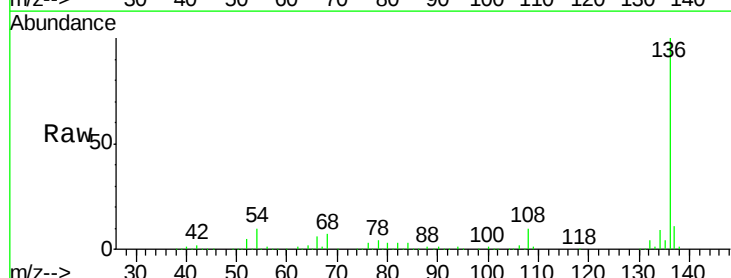
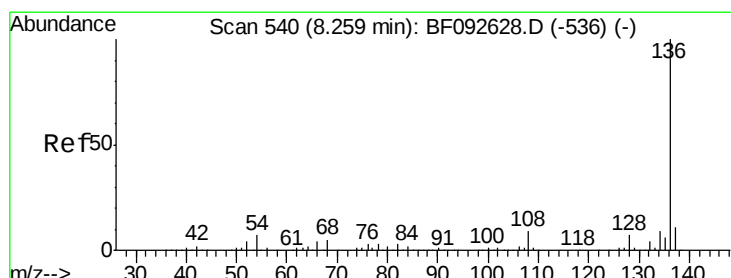
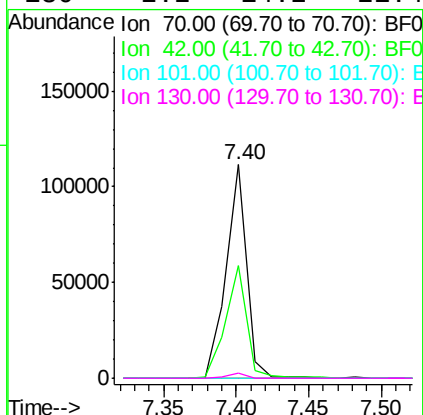
Ion Ratio Lower Upper

70 100

42 53.0 49.4 74.0

101 0.0 7.4 11.2#

130 2.2 14.2 21.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.02 min

Lab File: BF093161.D

Acq: 24 Feb 2017 23:00

Tgt Ion: 136 Resp: 587065

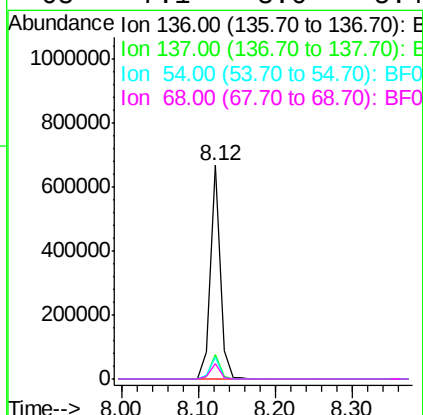
Ion Ratio Lower Upper

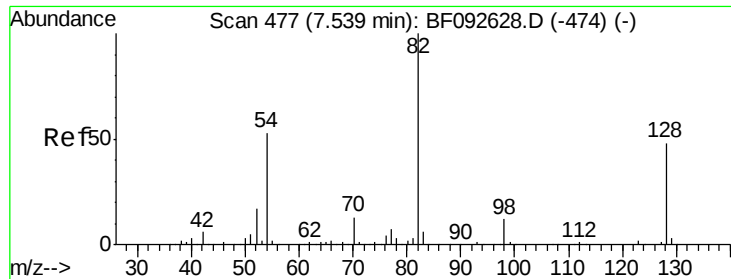
136 100

137 11.3 8.4 12.6

54 10.5 4.5 6.7#

68 7.1 3.6 5.4#

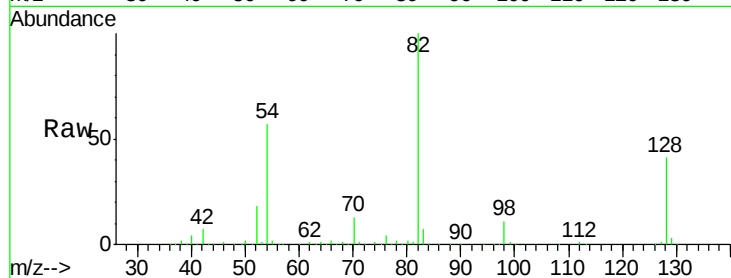




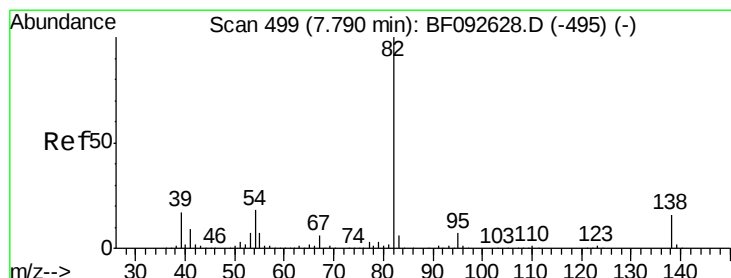
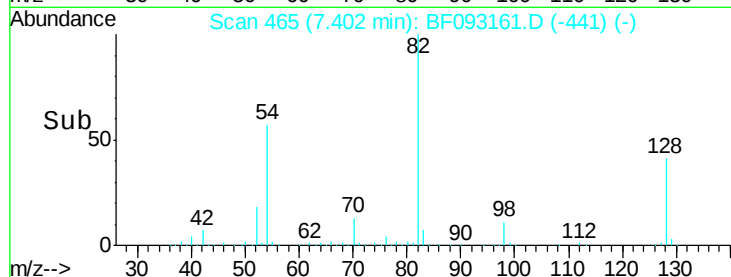
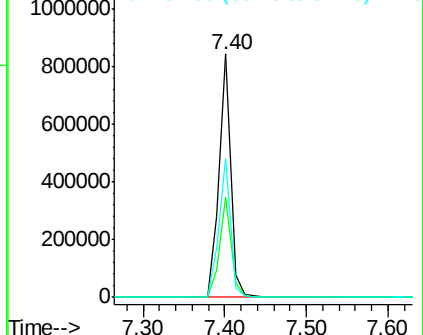
#23
Nitrobenzene-d5
Concen: 79.91 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.02 min
Lab File: BF093161.D
Acq: 24 Feb 2017 23:00

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 82 Resp: 842441
Ion Ratio Lower Upper
82 100
128 41.4 34.6 52.0
54 56.8 39.5 59.3

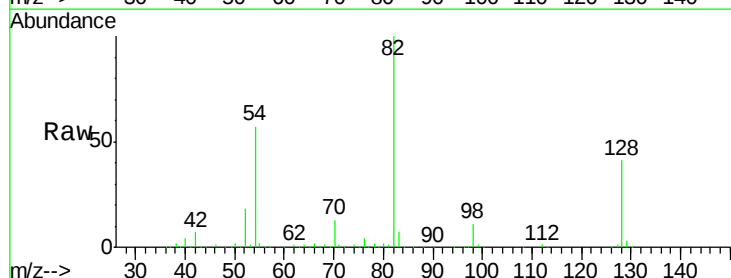


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

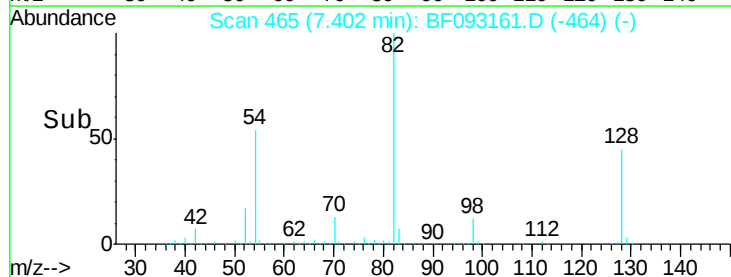
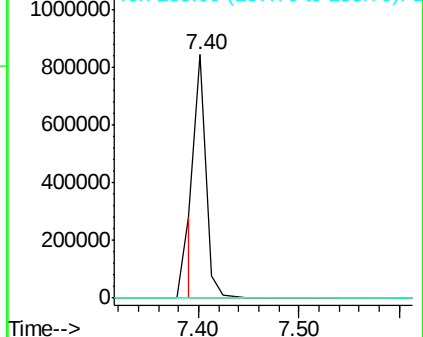


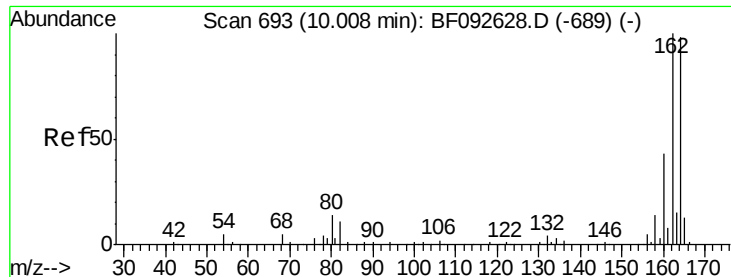
#25
Isophorone
Concen: 32.74 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.29 min
Lab File: BF093161.D
Acq: 24 Feb 2017 23:00

Tgt Ion: 82 Resp: 643123
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: 9.88 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF093161.D

Acq: 24 Feb 2017 23:00

Instrument :

BNA_F

ClientSampleId :

33B-9-11

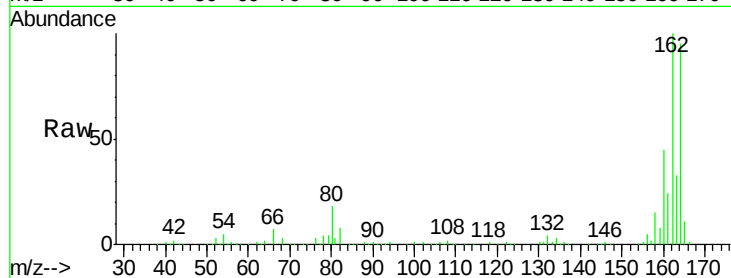
Tgt Ion:164 Resp: 282493

Ion Ratio Lower Upper

164 100

162 105.8 80.2 120.2

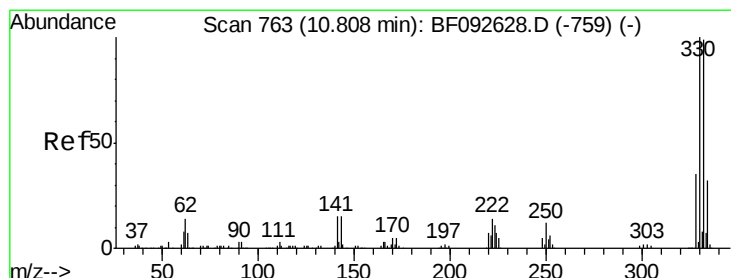
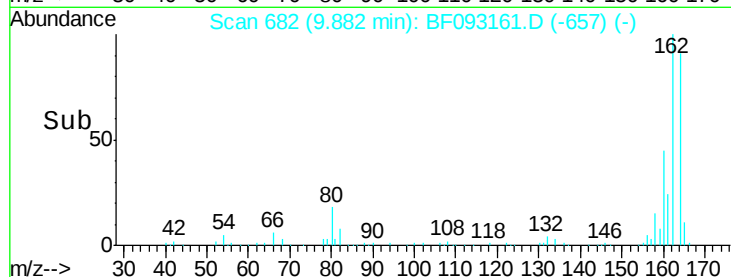
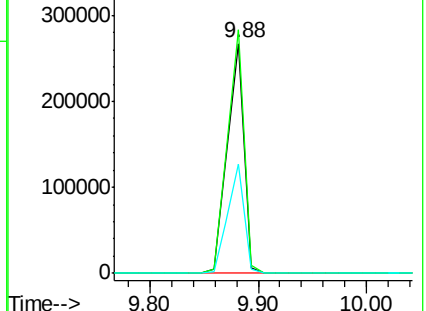
160 47.3 36.9 55.3



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: 136.90 ng

RT: 10.67 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF093161.D

Acq: 24 Feb 2017 23:00

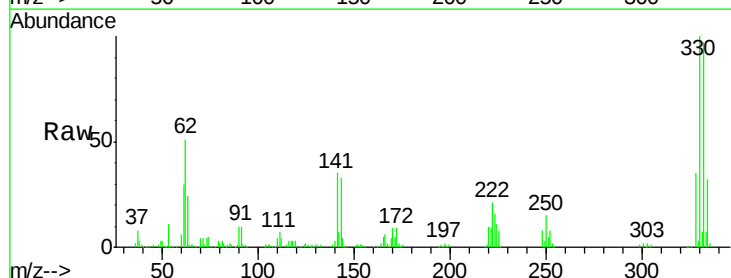
Tgt Ion:330 Resp: 279699

Ion Ratio Lower Upper

330 100

332 96.1 77.4 116.2

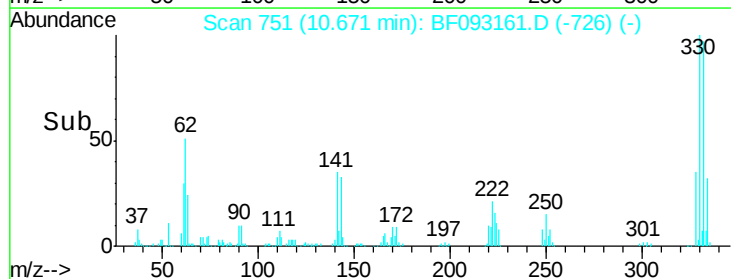
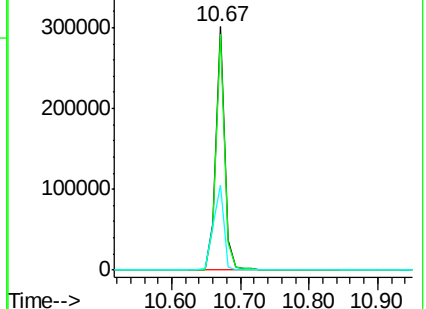
141 41.1 34.1 51.1



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

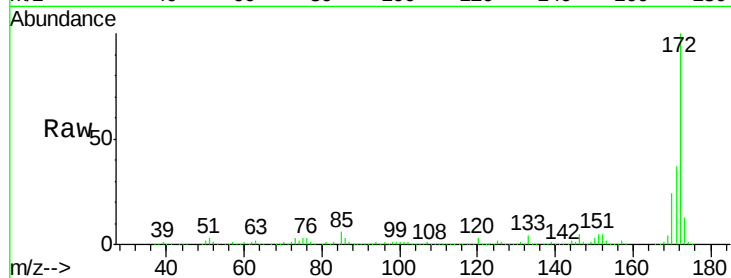




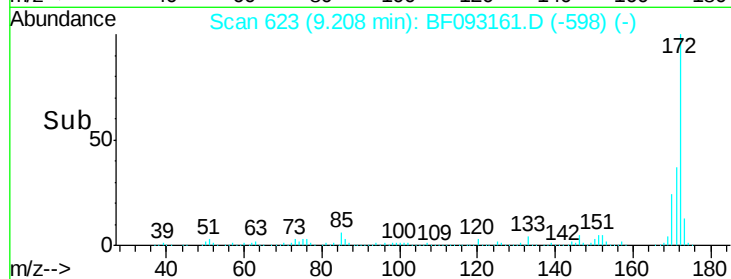
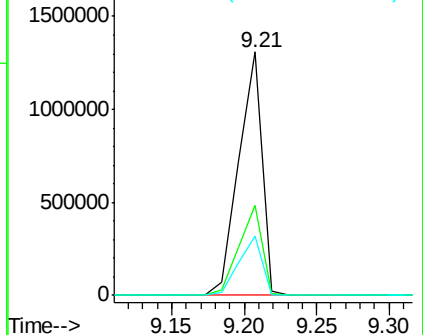
#44
 2-Fluorobiphenyl
 Concen: 93.89 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF093161.D
 Acq: 24 Feb 2017 23:00

Instrument :
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 ClientSampleId :
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Tgt Ion:172 Resp: 1464030
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.4 44.0
 170 24.4 20.2 30.4

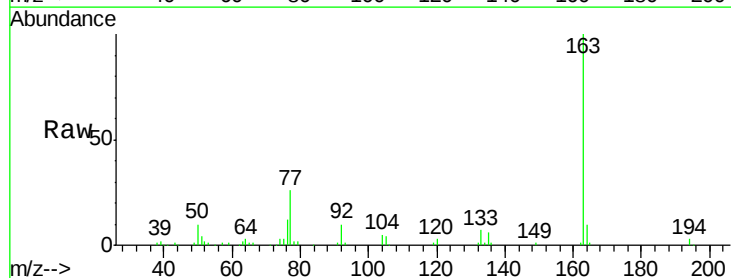


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

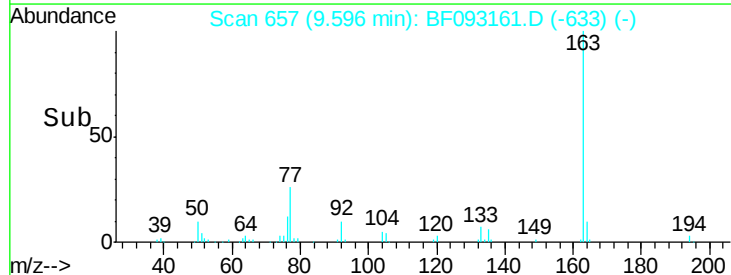
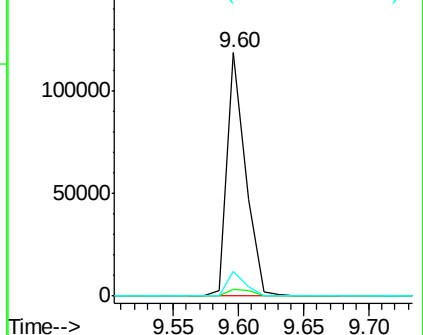


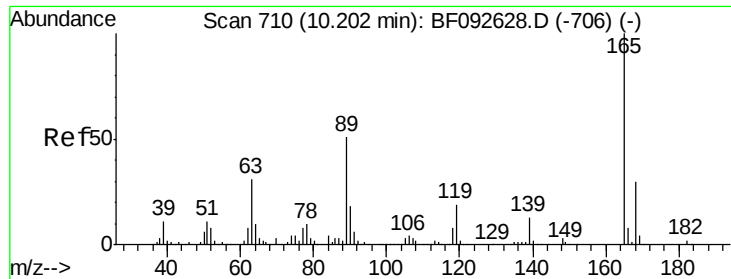
#49
 Dimethylphthalate
 Concen: 6.23 ng
 RT: 9.60 min Scan# 657
 Delta R.T. -0.02 min
 Lab File: BF093161.D
 Acq: 24 Feb 2017 23:00

Tgt Ion:163 Resp: 118620
 Ion Ratio Lower Upper
 163 100
 194 3.0 3.0 4.4
 164 9.9 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





#56

2,4-Dinitrotoluene

Concen: 6.49 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.21 min

Lab File: BF093161.D

Acq: 24 Feb 2017 23:00

Instrument :

BNA_F

ClientSampleId :

33B-9-11

Tgt Ion:165 Resp: 35480

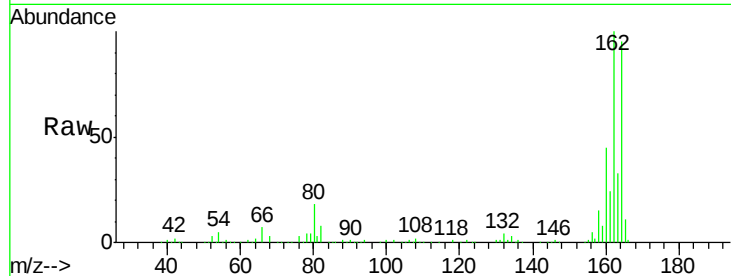
Ion Ratio Lower Upper

165 100

63 1.6 40.2 60.4#

89 1.3 62.5 93.7#

182 0.0 1.8 2.8#

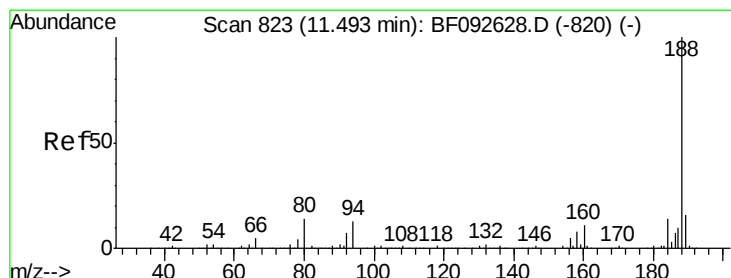
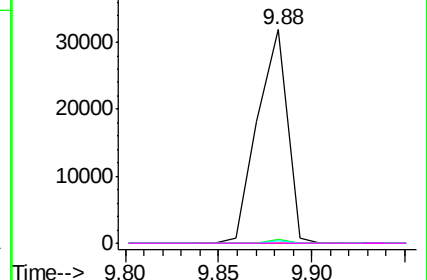
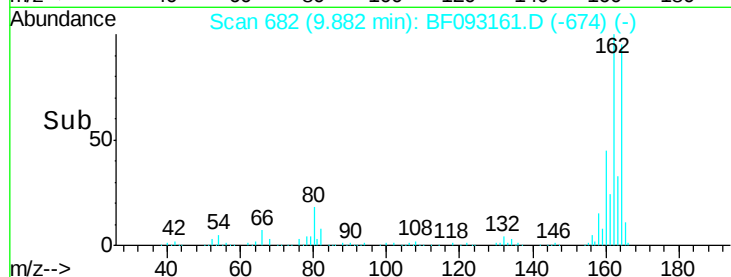


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.36 min Scan# 811

Delta R.T. -0.02 min

Lab File: BF093161.D

Acq: 24 Feb 2017 23:00

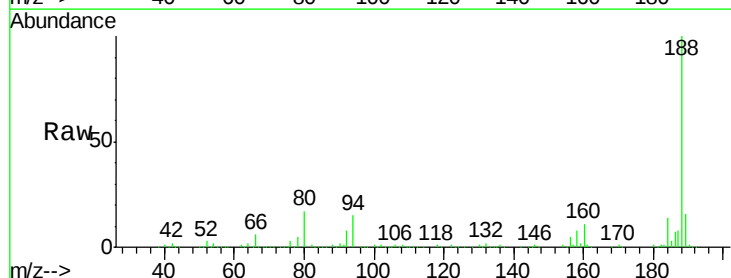
Tgt Ion:188 Resp: 532997

Ion Ratio Lower Upper

188 100

94 15.3 10.0 15.0#

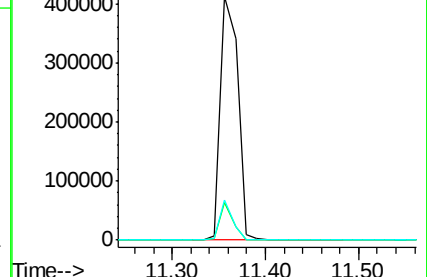
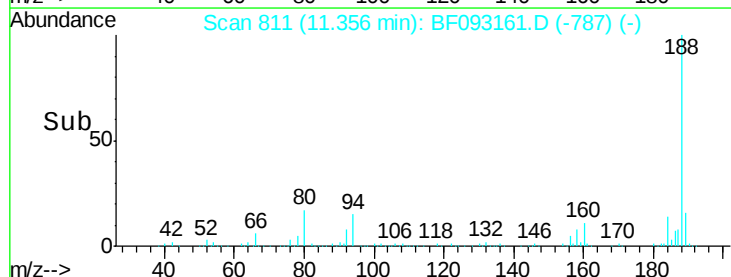
80 16.6 11.2 16.8

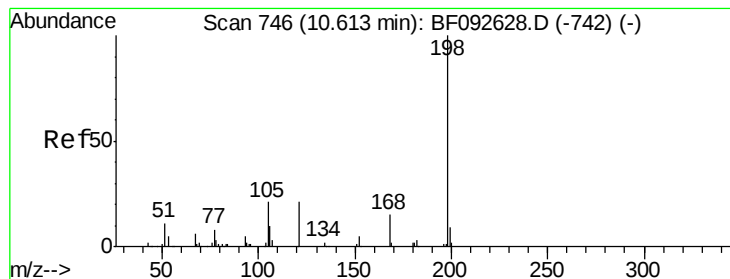


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 2.83 ng

RT: 10.67 min Scan# 751

Delta R.T. 0.17 min

Lab File: BF093161.D

Acq: 24 Feb 2017 23:00

Instrument :

BNA_F

ClientSampleId :

33B-9-11

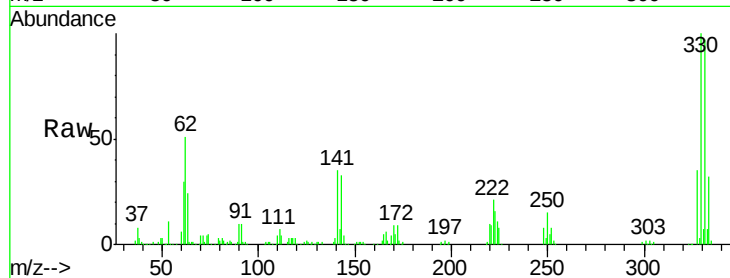
Tgt Ion:198 Resp: 559

Ion Ratio Lower Upper

198 100

51 142.0 6.7 46.7#

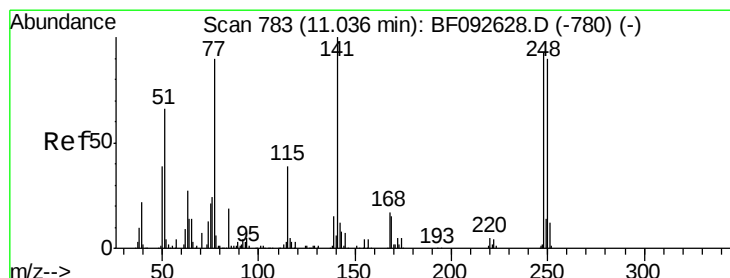
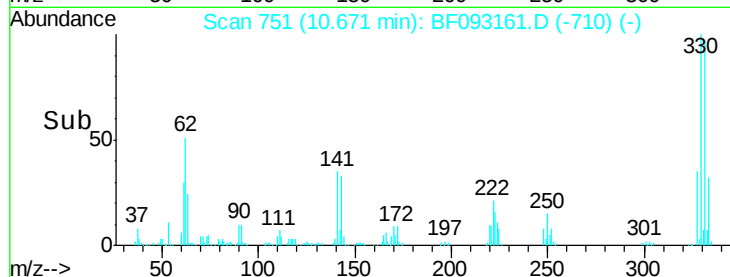
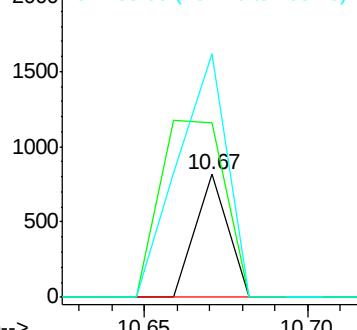
105 198.4 16.6 56.6#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#66

4-Bromophenyl-phenylether

Concen: 3.85 ng

RT: 10.67 min Scan# 751

Delta R.T. -0.25 min

Lab File: BF093161.D

Acq: 24 Feb 2017 23:00

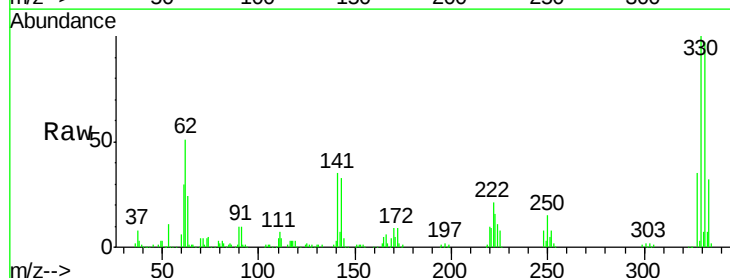
Tgt Ion:248 Resp: 21444

Ion Ratio Lower Upper

248 100

250 201.0 76.9 115.3#

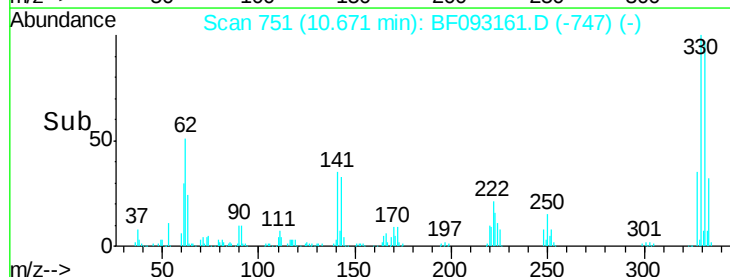
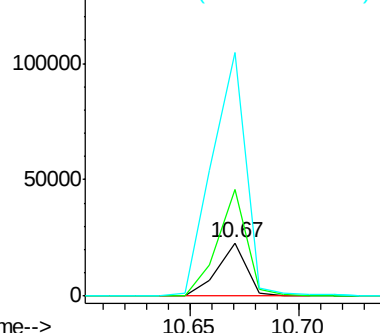
141 458.8 68.2 102.4#

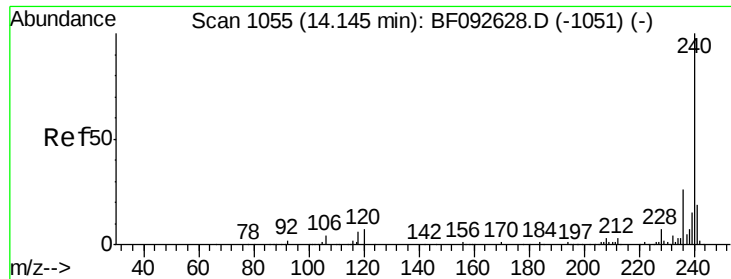


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

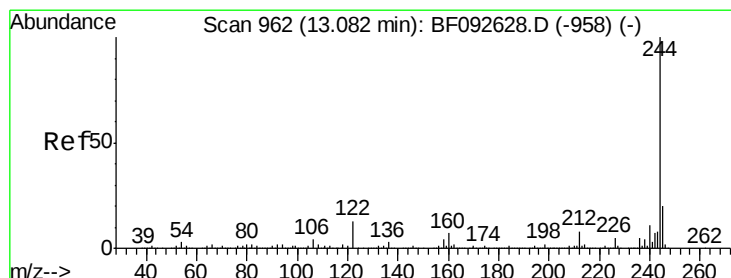
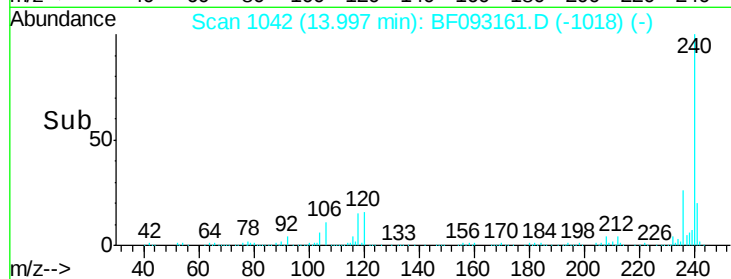
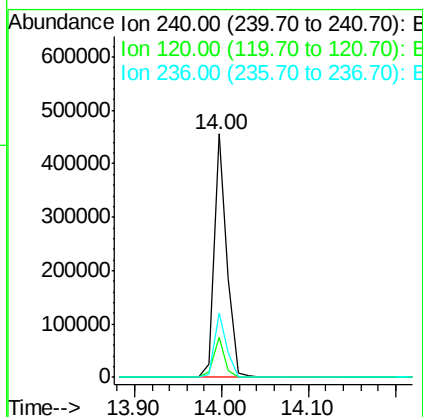
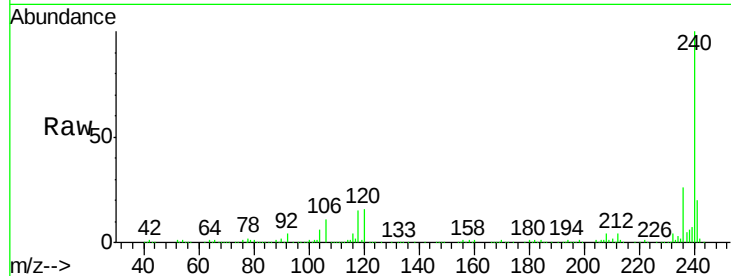




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. -0.02 min
 Lab File: BF093161.D
 Acq: 24 Feb 2017 23:00

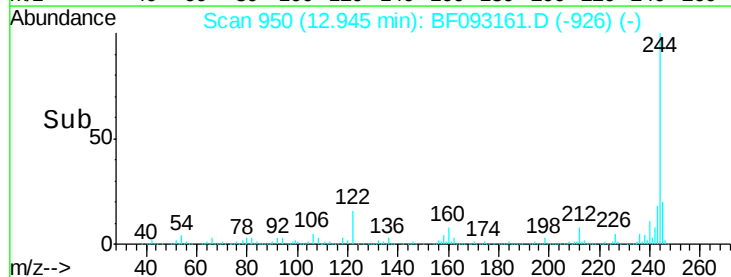
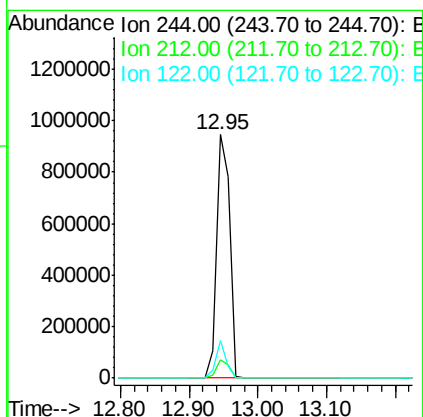
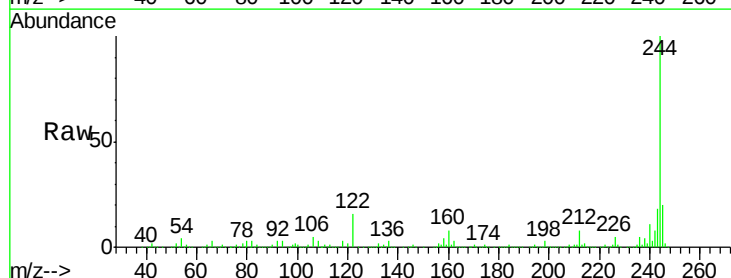
Instrument :
 BNA_F
 ClientSampleId :
 33B-9-11

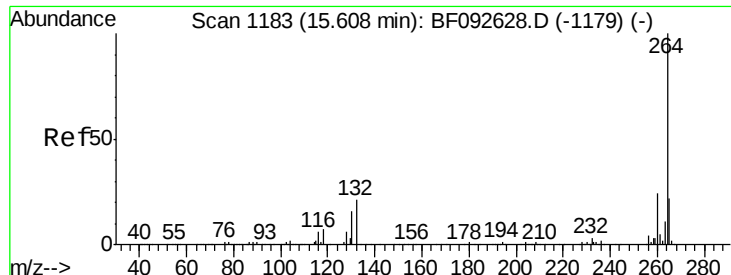
Tgt Ion:240 Resp: 467731
 Ion Ratio Lower Upper
 240 100
 120 16.5 12.9 19.3
 236 26.4 20.9 31.3



#78
 Terphenyl-d14
 Concen: 63.88 ng
 RT: 12.95 min Scan# 950
 Delta R.T. -0.02 min
 Lab File: BF093161.D
 Acq: 24 Feb 2017 23:00

Tgt Ion:244 Resp: 1271652
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 15.6 11.4 17.2

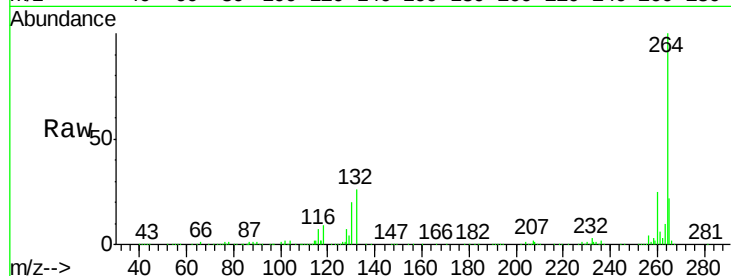




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1167
Delta R.T. -0.02 min
Lab File: BF093161.D
Acq: 24 Feb 2017 23:00

Instrument :
BNA_F
ClientSampleId :
33B-9-11

Tgt Ion: 264 Resp: 356866
Ion Ratio Lower Upper
264 100
260 24.6 19.2 28.8
265 21.9 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

