

Data File : BF093033.D
Acq On : 20 Feb 2017 17:30
Operator : SJ/MA
Sample : PB97034BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB97034BL

Quant Time: Feb 20 23:41:43 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	6.84	152	156021	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	610055	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	306555	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	539857	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	546370	20.00	ng	-0.01
86) Perylene-d12	15.44	264	450223	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1089307	119.78	ng	0.00
7) Phenol-d6	6.49	99	1449338	123.86	ng	0.00
23) Nitrobenzene-d5	7.41	82	810794	74.01	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	273840	123.51	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1501139	88.71	ng	0.00
78) Terphenyl-d14	12.96	244	1265397	54.42	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.41	70	108836	14.61	ng	# 81
25) Isophorone	7.41	82	621108	30.43	ng	# 65
50) 2,6-Dinitrotoluene	9.89	165	38298	8.59	ng	# 31
56) 2,4-Dinitrotoluene	9.89	165	38298	6.45	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.68	198	861	2.92	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	20655	3.66	ng	# 1

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

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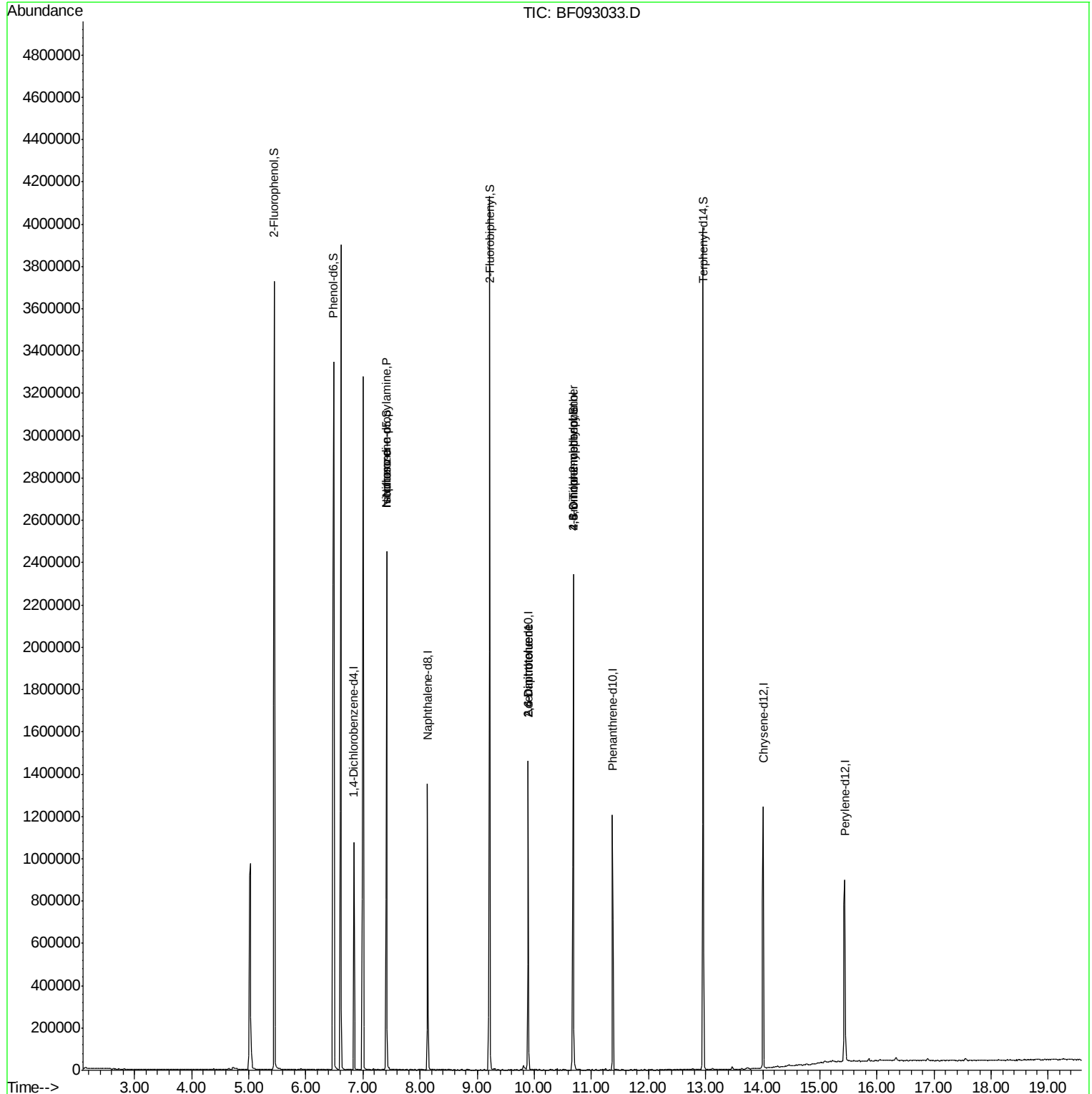
Quant Time: Feb 20 23:41:43 2017

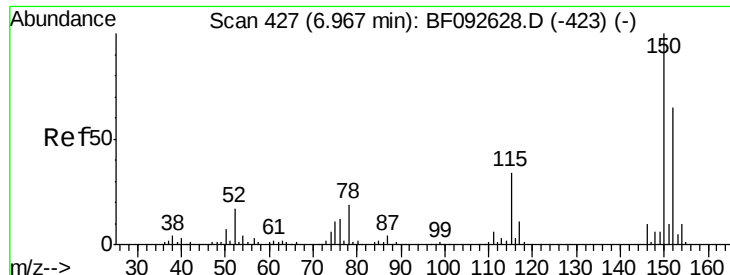
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.01 min

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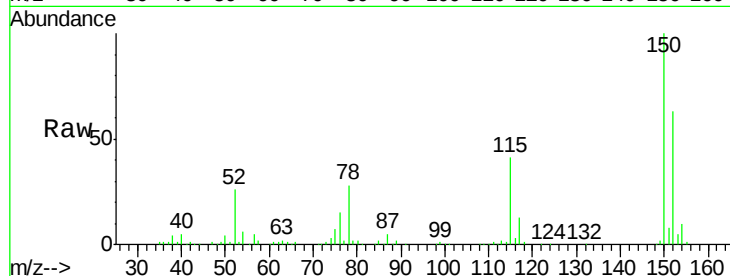
Tgt Ion:152 Resp: 156021

Ion Ratio Lower Upper

152 100

150 158.0 124.9 187.3

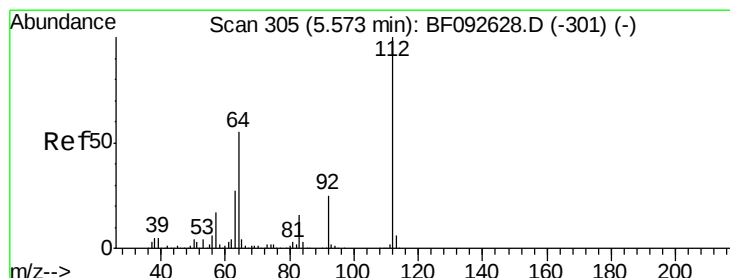
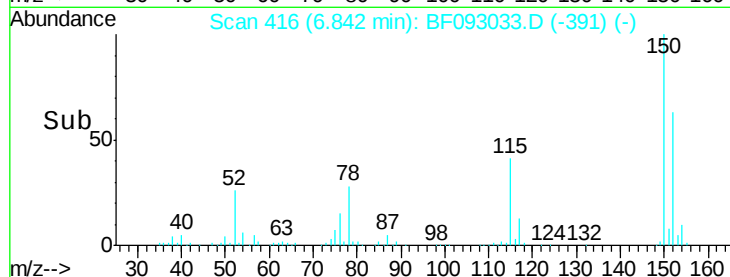
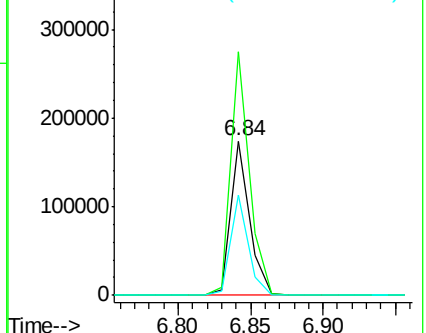
115 65.2 46.0 69.0



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: 119.78 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.00 min

Lab File: BF093033.D

Acq: 20 Feb 2017 17:30

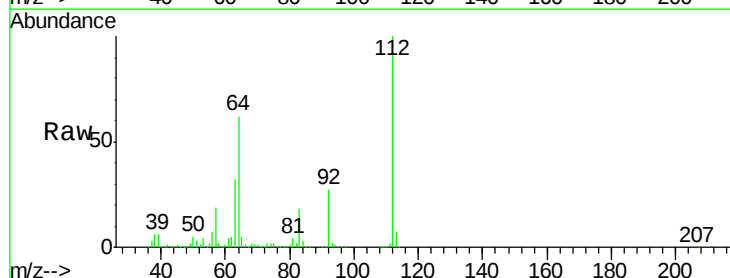
Tgt Ion:112 Resp: 1089307

Ion Ratio Lower Upper

112 100

64 62.4 46.1 69.1

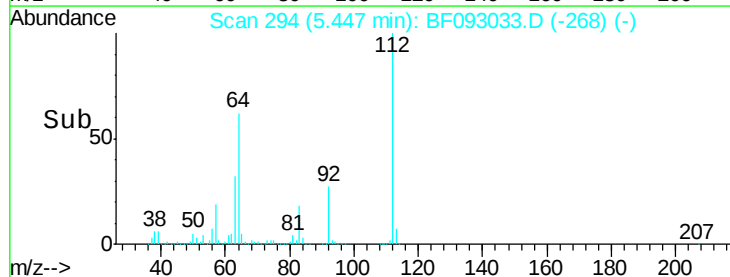
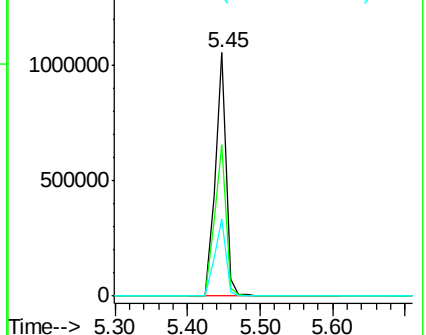
63 31.6 23.8 35.6



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: 123.86 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.00 min

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ClientSampleId :

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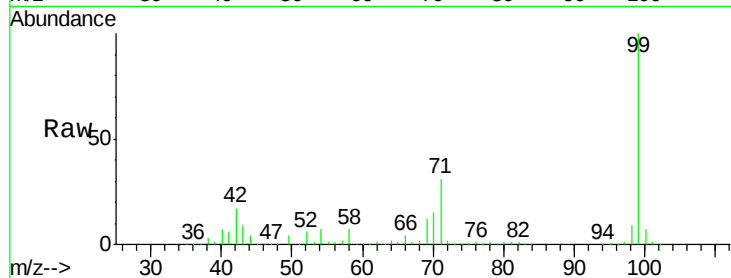
Tgt Ion: 99 Resp: 1449338

Ion Ratio Lower Upper

99 100

42 17.4 15.6 23.4

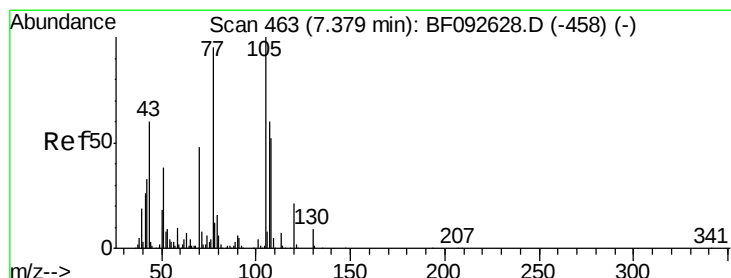
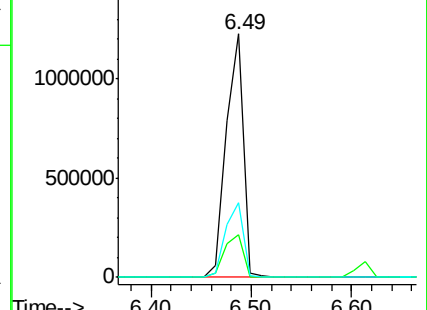
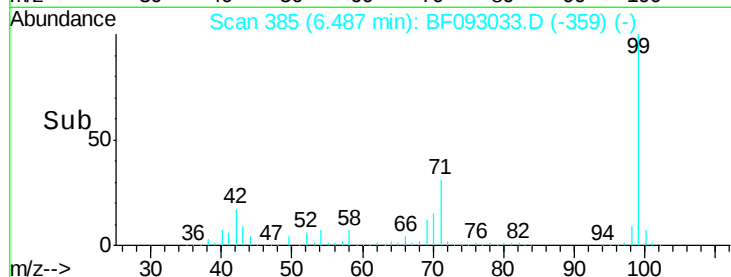
71 30.9 27.5 41.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 14.61 ng

RT: 7.41 min Scan# 466

Delta R.T. 0.14 min

Lab File: BF093033.D

Acq: 20 Feb 2017 17:30

Tgt Ion: 70 Resp: 108836

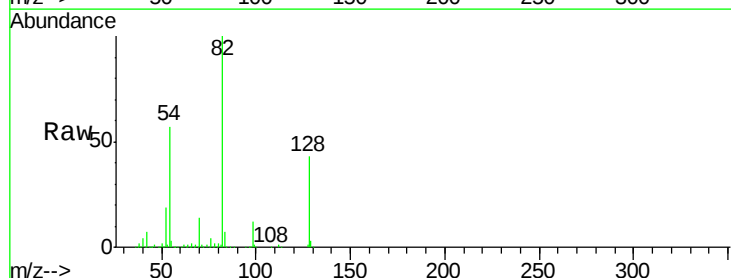
Ion Ratio Lower Upper

70 100

42 51.2 49.4 74.0

101 0.0 7.4 11.2#

130 2.1 14.2 21.4#

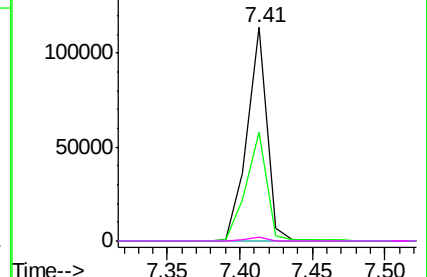
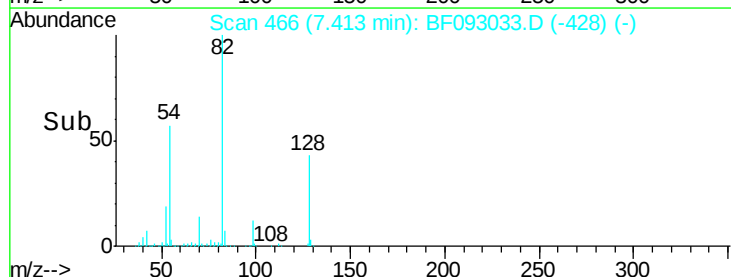


Abundance Ion 70.00 (69.70 to 70.70): BF0

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

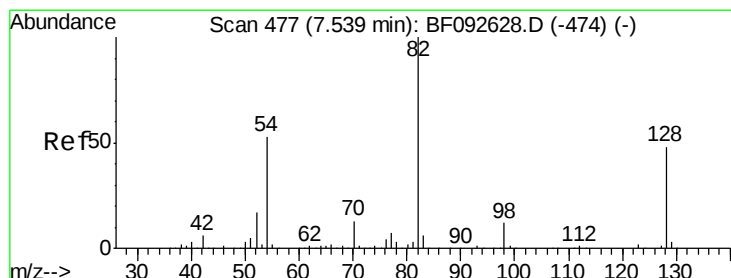
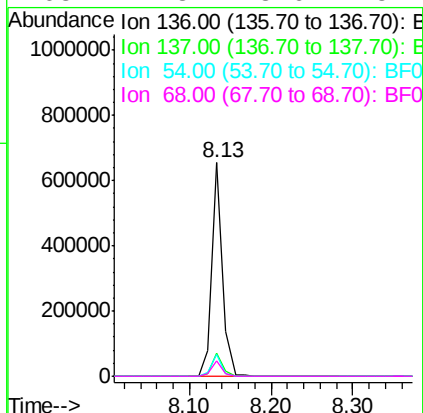
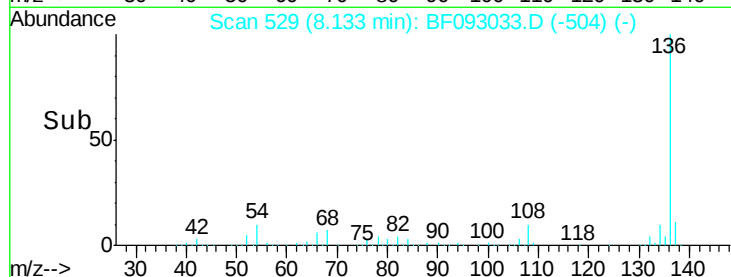
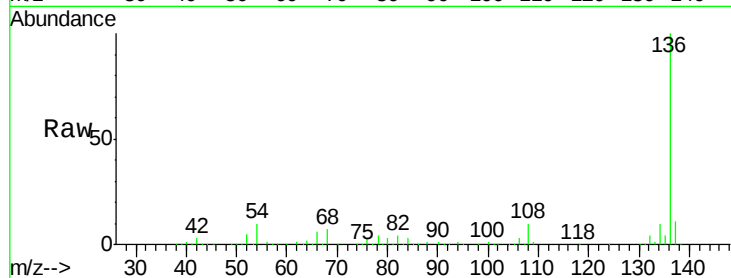




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF093033.D
Acq: 20 Feb 2017 17:30

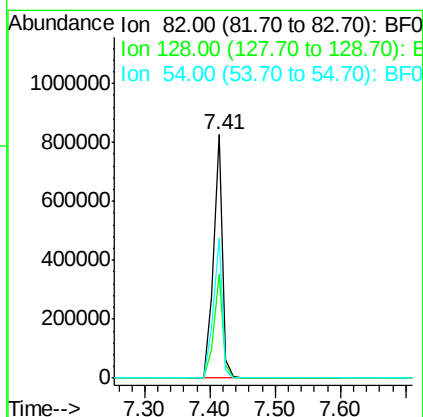
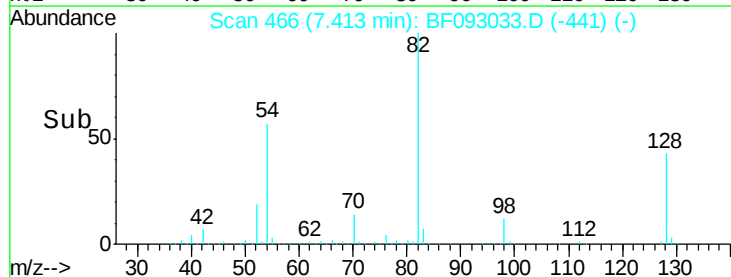
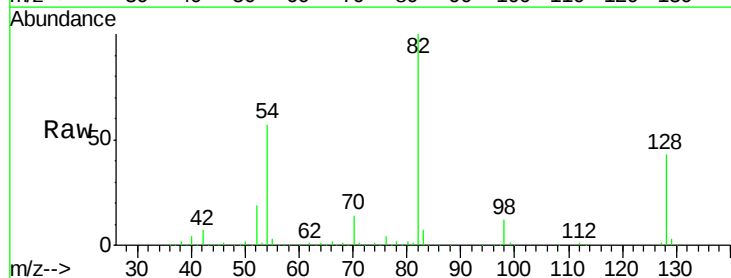
Instrument :
BNA_F
ClientSampleId :
PB97034BL

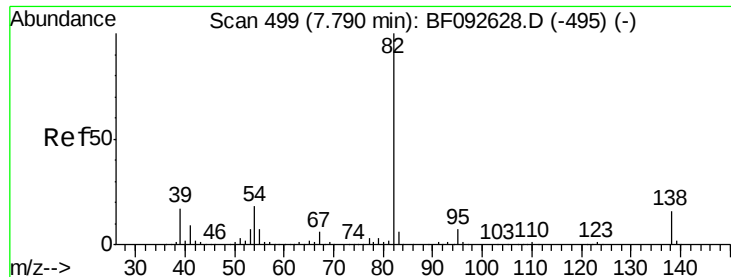
Tgt Ion:	136	Resp:	610055
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	10.5	4.5	6.7#
68	7.3	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 74.01 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF093033.D
Acq: 20 Feb 2017 17:30

Tgt Ion:	82	Resp:	810794
Ion	Ratio	Lower	Upper
82	100		
128	42.8	34.6	52.0
54	57.3	39.5	59.3





#25

Isophorone

Concen: 30.43 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.27 min

Lab File: BF093033.D

Acq: 20 Feb 2017 17:30

Instrument :

BNA_F

ClientSampleId :

PB97034BL

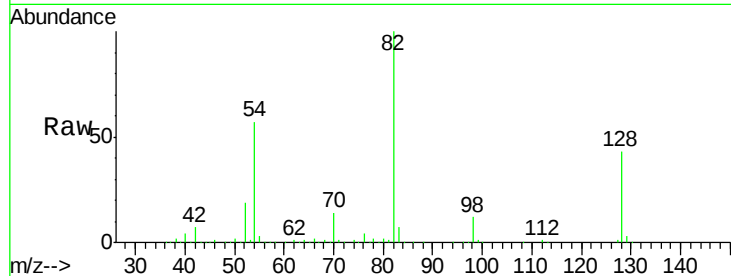
Tgt Ion: 82 Resp: 621108

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

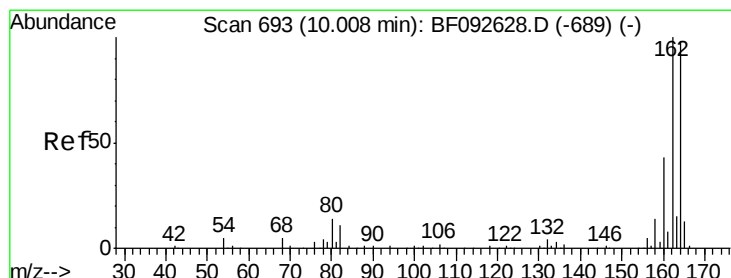
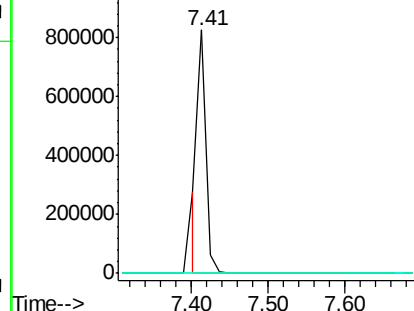
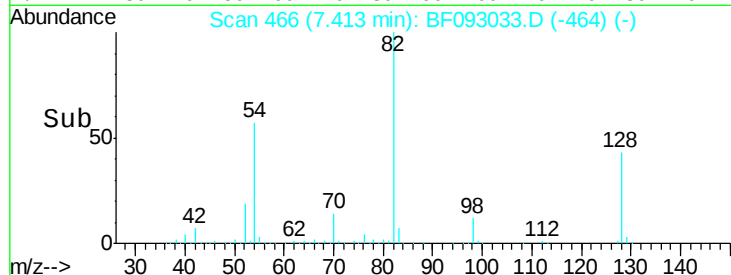
138 0.0 14.6 22.0#



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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF093033.D

Acq: 20 Feb 2017 17:30

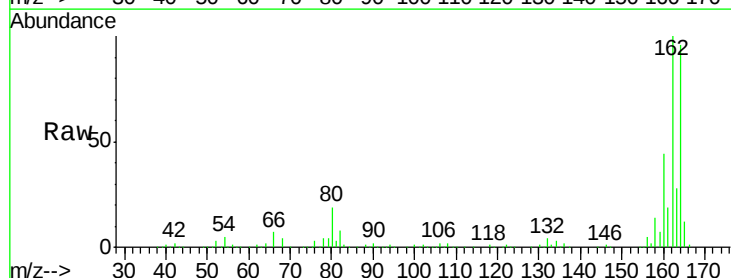
Tgt Ion: 164 Resp: 306555

Ion Ratio Lower Upper

164 100

162 104.2 80.2 120.2

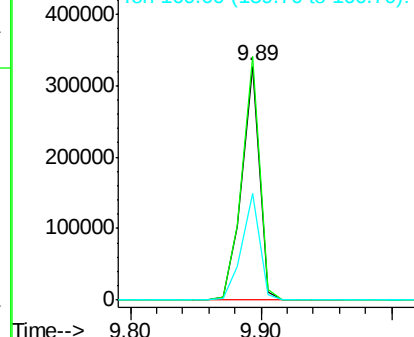
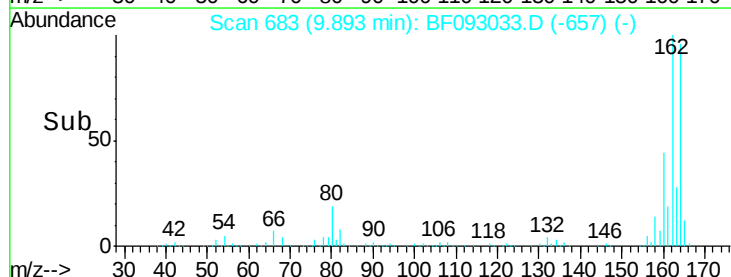
160 45.5 36.9 55.3



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

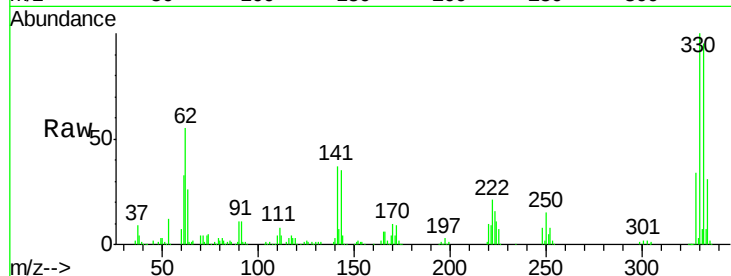




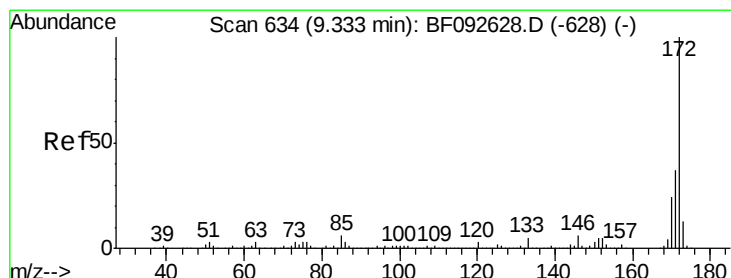
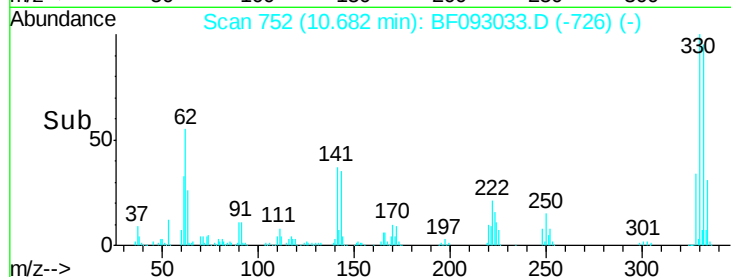
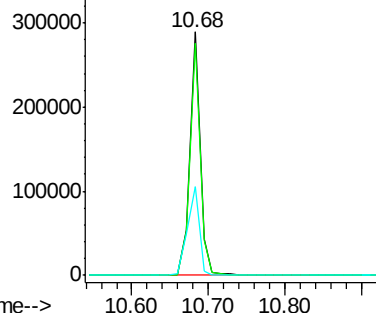
#41
 2,4,6-Tribromophenol
 Concen: 123.51 ng
 RT: 10.68 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF093033.D
 Acq: 20 Feb 2017 17:30

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 BNA_F
 ClientSampleId :
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Tgt Ion:330 Resp: 273840
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.4 116.2
 141 41.4 34.1 51.1

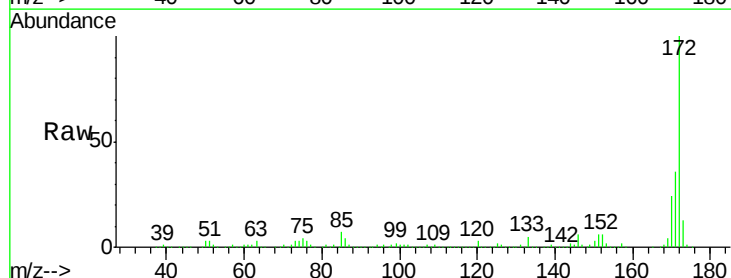


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

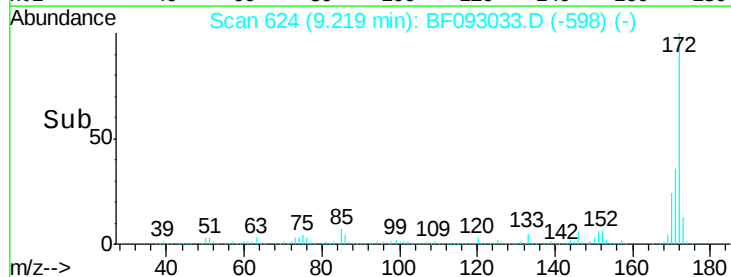
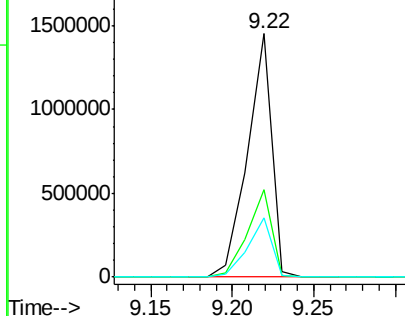


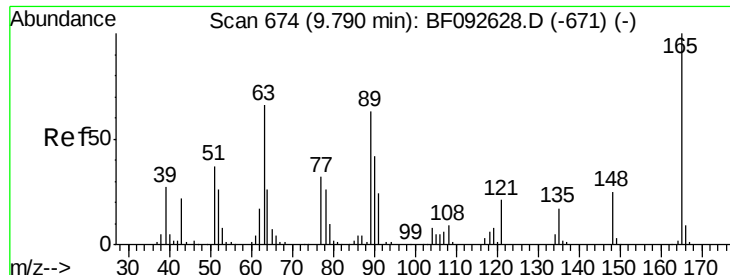
#44
 2-Fluorobiphenyl
 Concen: 88.71 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF093033.D
 Acq: 20 Feb 2017 17:30

Tgt Ion:172 Resp: 1501139
 Ion Ratio Lower Upper
 172 100
 171 36.2 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

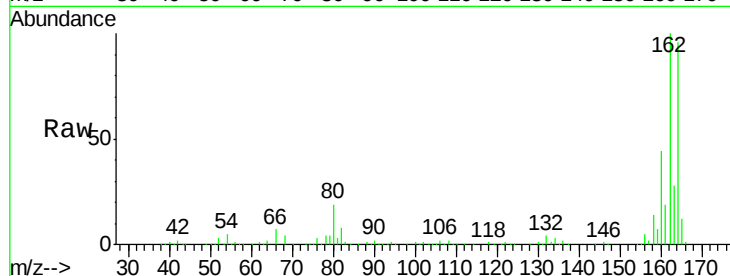




#50
 2,6-Dinitrotoluene
 Concen: 8.59 ng
 RT: 9.89 min Scan# 683
 Delta R.T. 0.21 min
 Lab File: BF093033.D
 Acq: 20 Feb 2017 17:30

Instrument :
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 ClientSampleId :
 PB97034BL

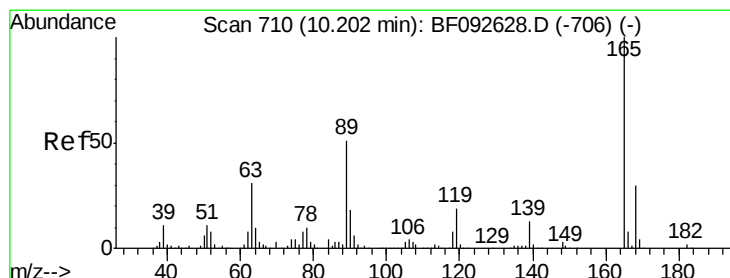
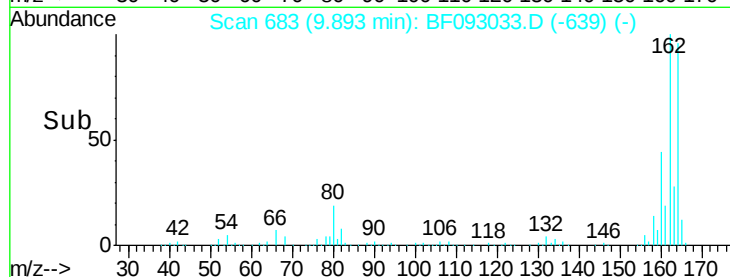
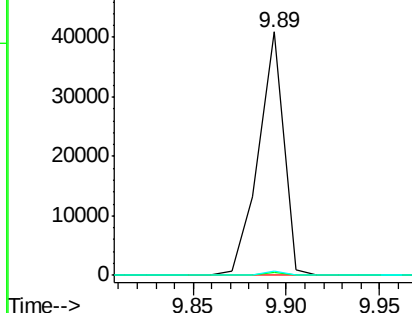
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.2	54.4#
89	1.6	40.2	60.4#



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: 6.45 ng
 RT: 9.89 min Scan# 683
 Delta R.T. -0.19 min
 Lab File: BF093033.D
 Acq: 20 Feb 2017 17:30

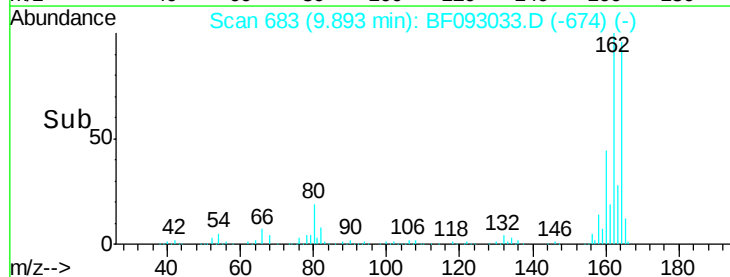
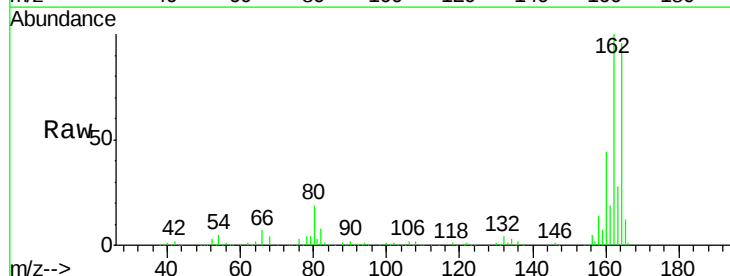
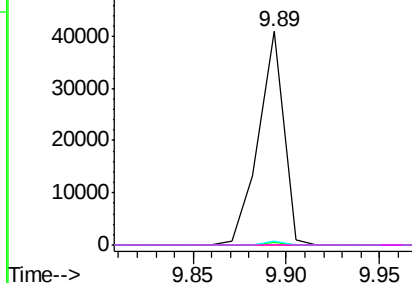
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	40.2	60.4#
89	1.6	62.5	93.7#
182	0.0	1.8	2.8#

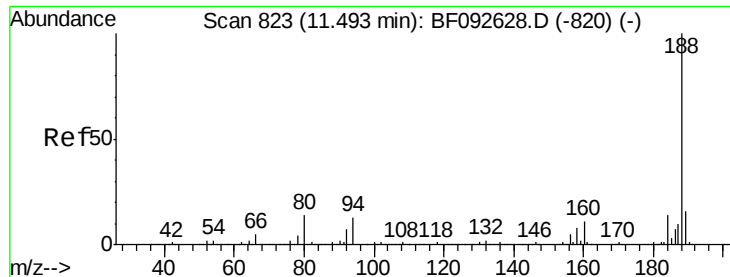
Abundance Ion 165.00 (164.70 to 165.70): E

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

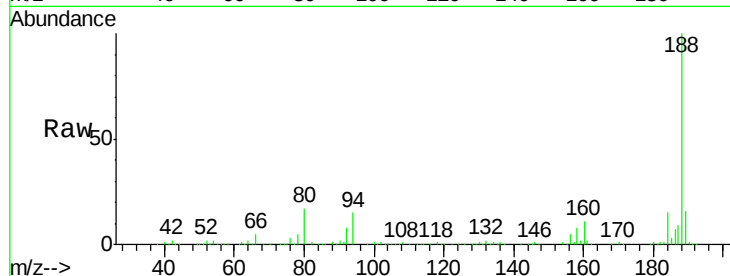




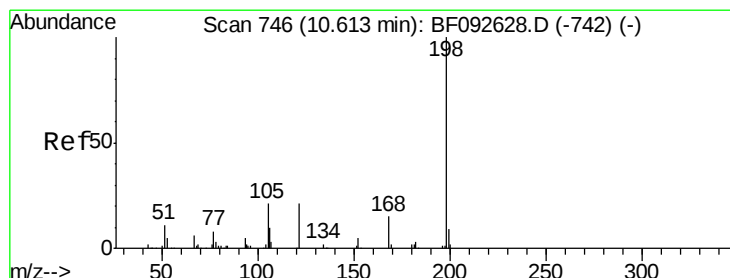
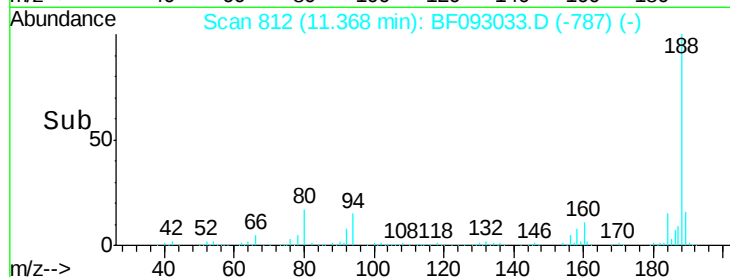
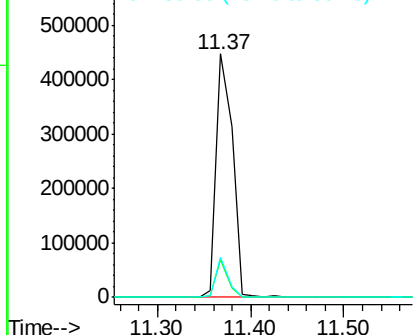
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF093033.D
 Acq: 20 Feb 2017 17:30

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 BNA_F
 ClientSampleId :
 PB97034BL

Tgt Ion:188 Resp: 539857
 Ion Ratio Lower Upper
 188 100
 94 15.3 10.0 15.0#
 80 16.7 11.2 16.8

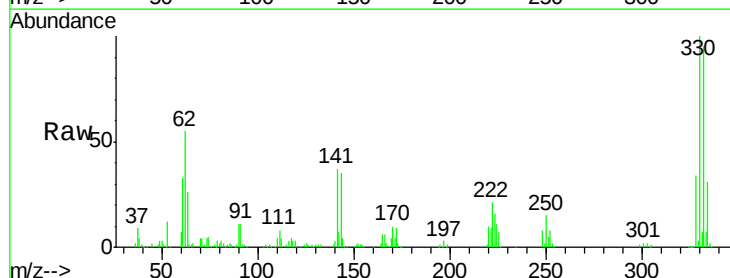


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

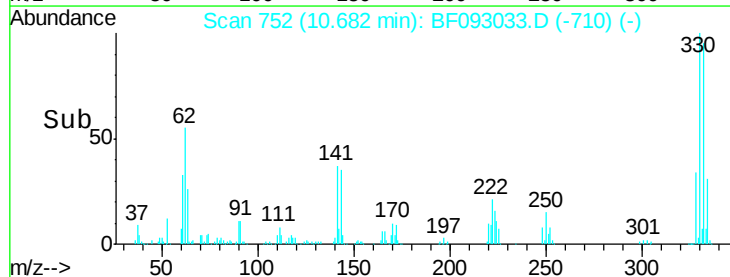
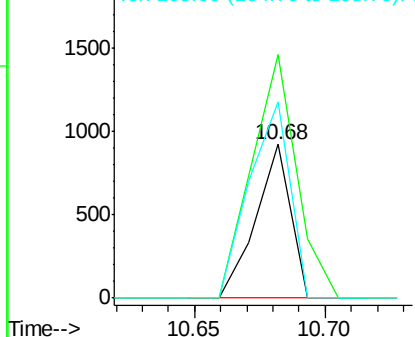


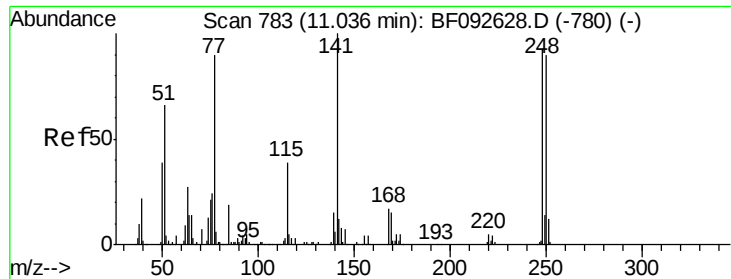
#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.92 ng
 RT: 10.68 min Scan# 752
 Delta R.T. 0.18 min
 Lab File: BF093033.D
 Acq: 20 Feb 2017 17:30

Tgt Ion:198 Resp: 861
 Ion Ratio Lower Upper
 198 100
 51 158.2 6.7 46.7#
 105 127.6 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: 3.66 ng

RT: 10.68 min Scan# 752

Delta R.T. -0.24 min

Lab File: BF093033.D

Acq: 20 Feb 2017 17:30

Instrument :

BNA_F

ClientSampleId :

PB97034BL

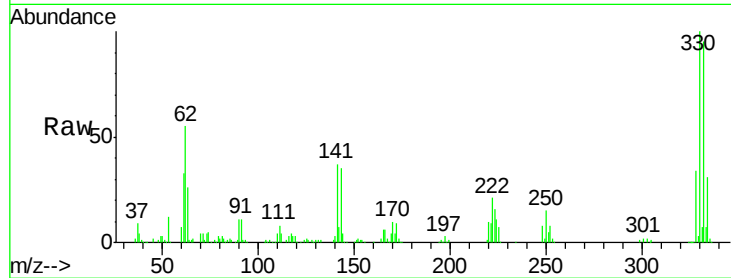
Tgt Ion:248 Resp: 20655

Ion Ratio Lower Upper

248 100

250 202.1 76.9 115.3#

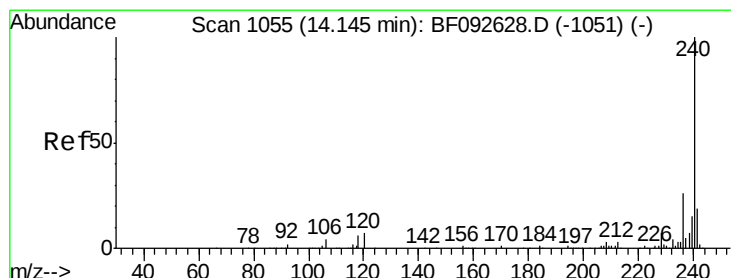
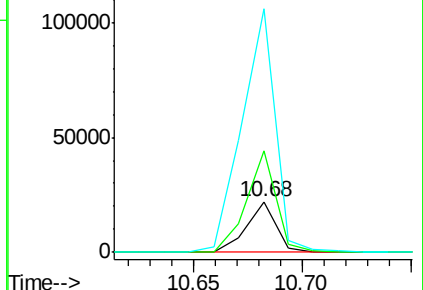
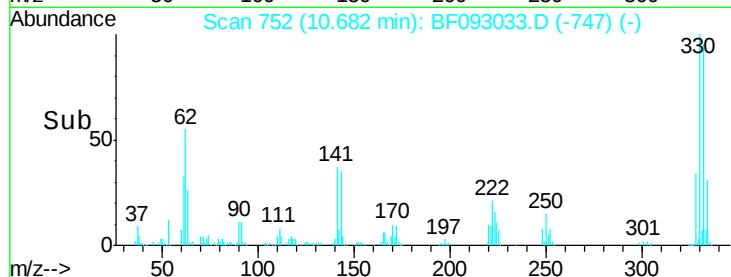
141 481.7 68.2 102.4#



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: 14.01 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF093033.D

Acq: 20 Feb 2017 17:30

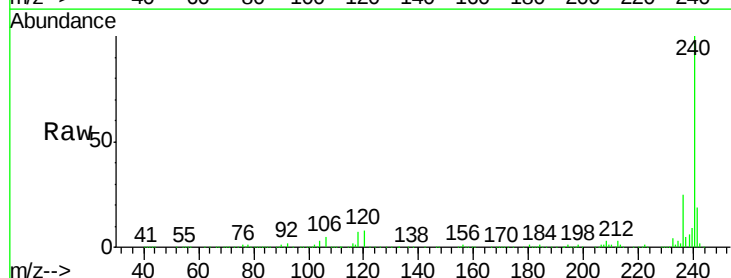
Tgt Ion:240 Resp: 546370

Ion Ratio Lower Upper

240 100

120 8.3 12.9 19.3#

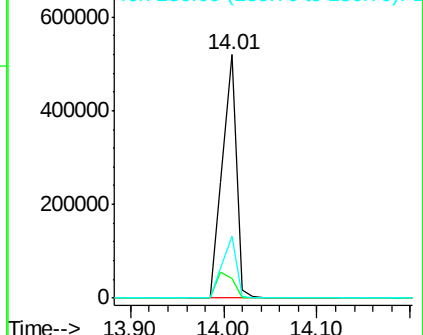
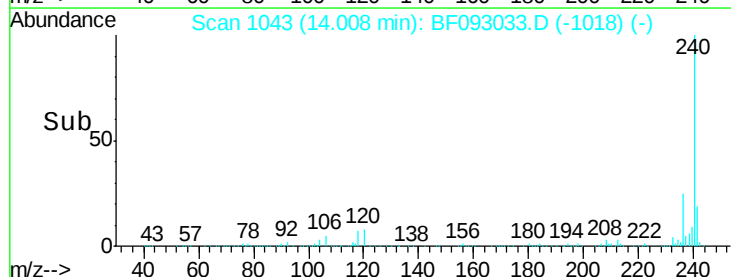
236 25.4 20.9 31.3

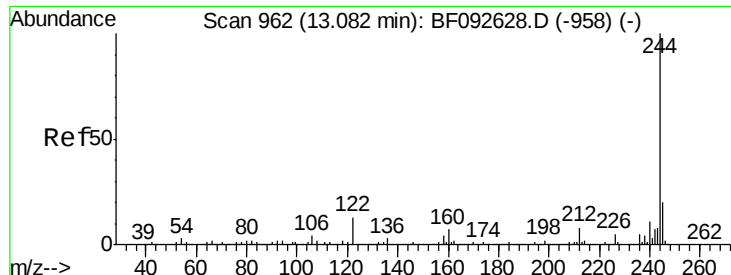


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

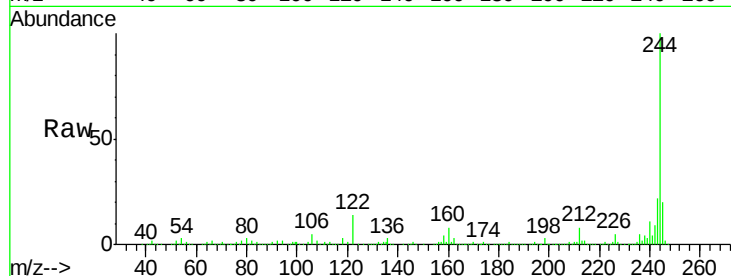




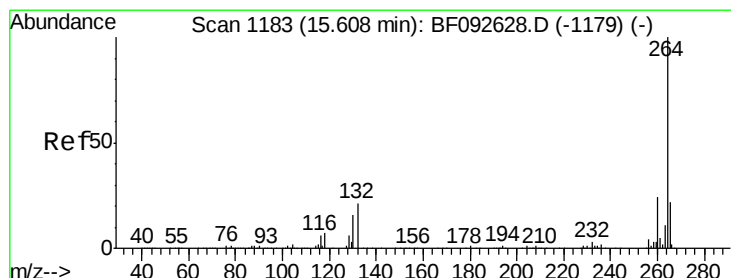
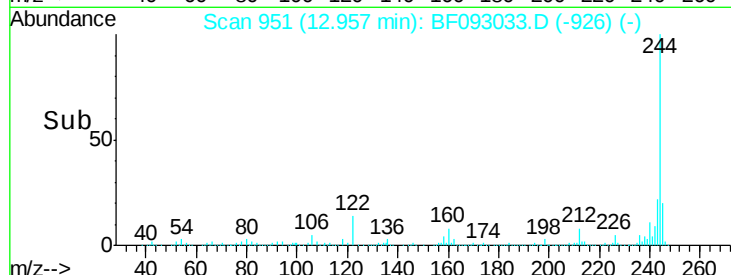
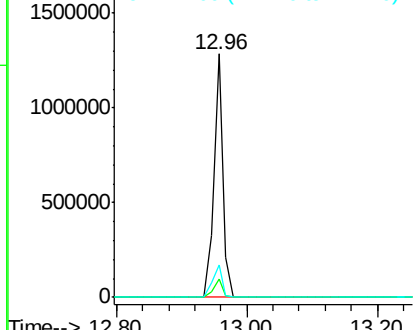
#78
 Terphenyl-d14
 Concen: 54.42 ng
 RT: 12.96 min Scan# 951
 Delta R.T. -0.01 min
 Lab File: BF093033.D
 Acq: 20 Feb 2017 17:30

Instrument :
 BNA_F
 ClientSampleId :
 PB97034BL

Tgt Ion:244 Resp: 1265397
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 13.6 11.4 17.2

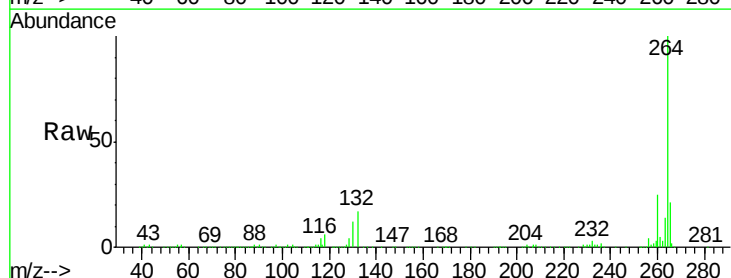


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1168
 Delta R.T. -0.01 min
 Lab File: BF093033.D
 Acq: 20 Feb 2017 17:30

Tgt Ion:264 Resp: 450223
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.2 28.8
 265 20.6 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

