

Data File : BF093193.D
Acq On : 25 Feb 2017 15:25
Operator : SJ/MA
Sample : I1972-23
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-Y5N-SW2

Quant Time: Feb 26 23:43:48 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	147810	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	529017	20.00	ng	-0.02
38) Acenaphthene-d10	9.88	164	233588	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	358595	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	324226	20.00	ng	0.00
86) Perylene-d12	15.45	264	226381	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1064946	123.61	ng	0.00
7) Phenol-d6	6.50	99	1274849	115.00	ng	0.01
23) Nitrobenzene-d5	7.41	82	871284	91.72	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	195092	115.48	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1352432	104.89	ng	-0.01
78) Terphenyl-d14	12.96	244	872455	63.23	ng	-0.01
Target Compounds						
10) Phenol	6.51	94	71748	5.53	ng	94
19) n-Nitroso-di-n-propylamine	7.41	70	115384	16.35	ng	# 80
25) Isophorone	7.41	82	857036	48.41	ng	# 65
49) Dimethylphthalate	9.61	163	95491	6.07	ng	98
56) 2,4-Dinitrotoluene	9.88	165	30693	6.78	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.67	198	551	2.91	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	14112	3.77	ng	# 1

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

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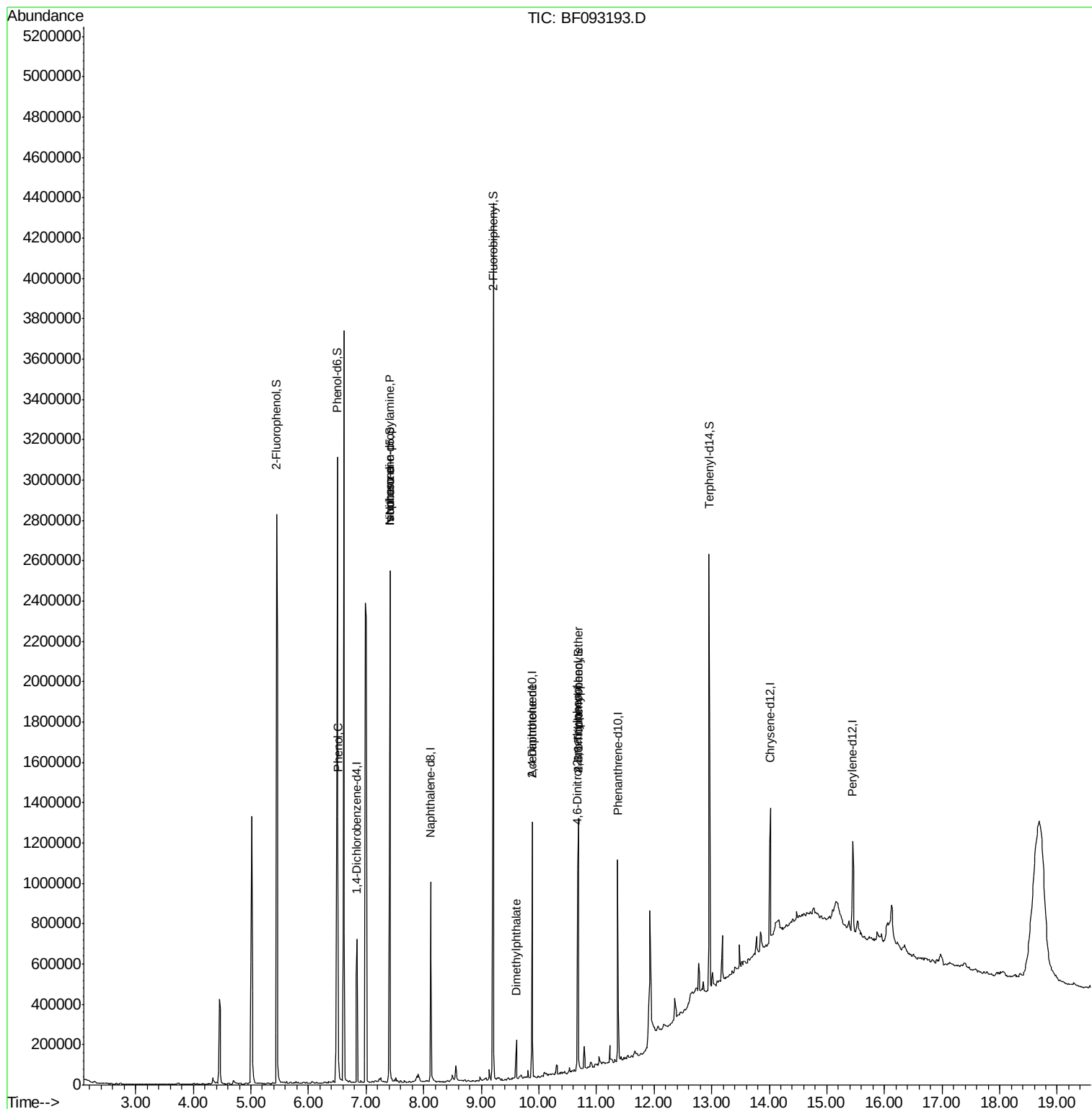
Quant Time: Feb 26 23:43:48 2017

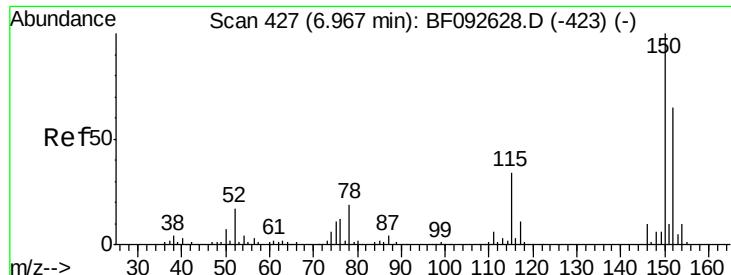
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M

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: 6.84 min Scan# 416

Delta R.T. -0.01 min

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Instrument :

BNA_F

ClientSampleId :

E2-Y5N-SW2

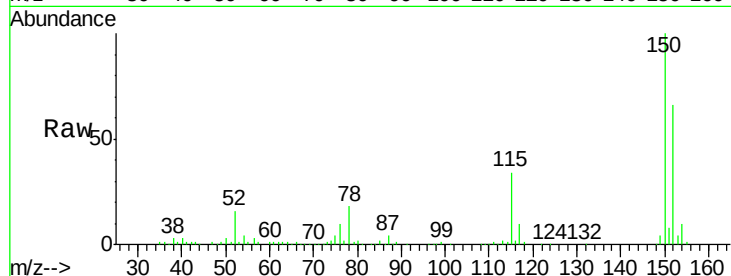
Tgt Ion:152 Resp: 147810

Ion Ratio Lower Upper

152 100

150 152.6 124.9 187.3

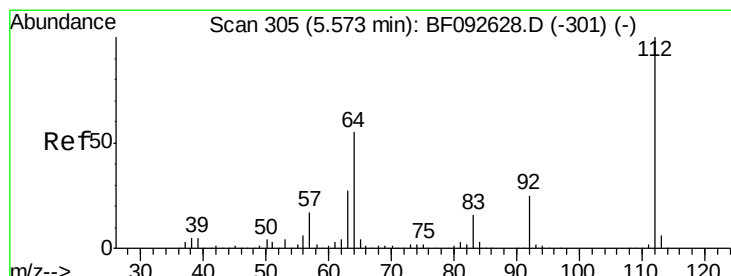
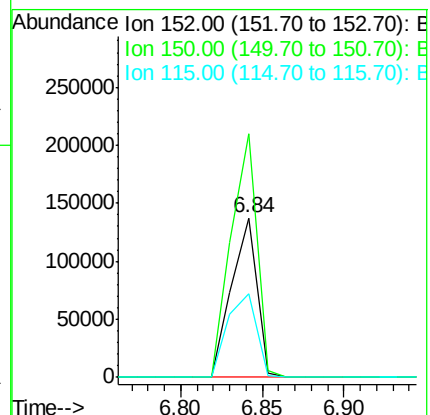
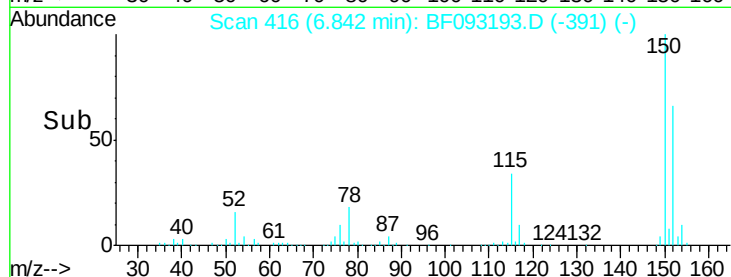
115 52.4 46.0 69.0



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: 123.61 ng

RT: 5.45 min Scan# 294

Delta R.T. -0.00 min

Lab File: BF093193.D

Acq: 25 Feb 2017 15:25

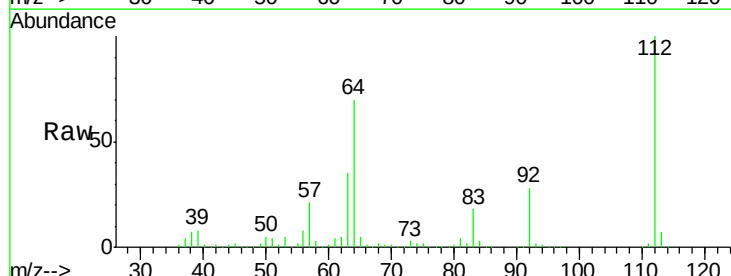
Tgt Ion:112 Resp: 1064946

Ion Ratio Lower Upper

112 100

64 69.9 46.1 69.1#

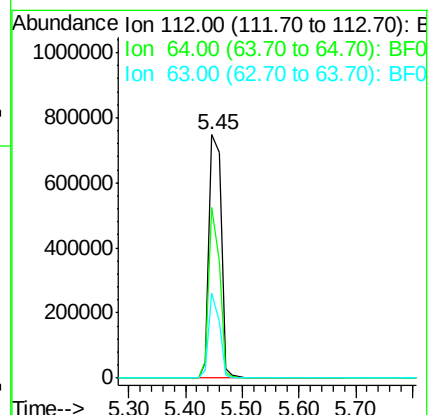
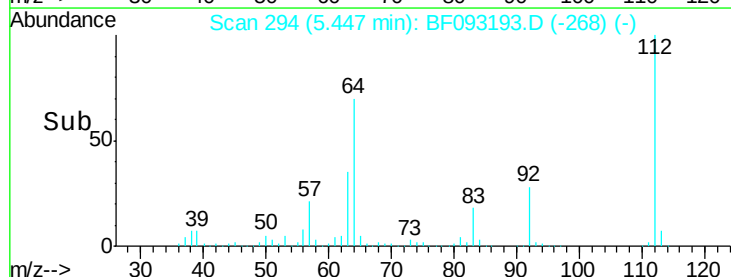
63 35.0 23.8 35.6

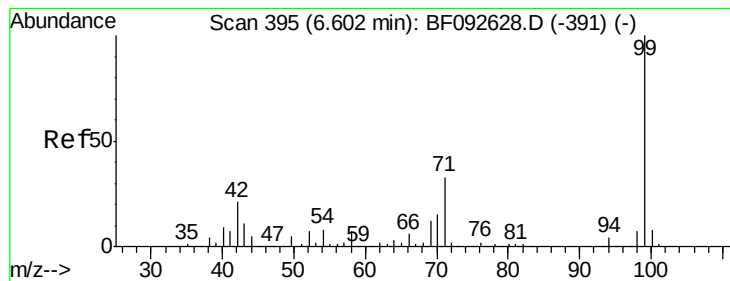


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 115.00 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.01 min

Lab File: BF093193.D

Acq: 25 Feb 2017 15:25

Instrument :

BNA_F

ClientSampleId :

E2-Y5N-SW2

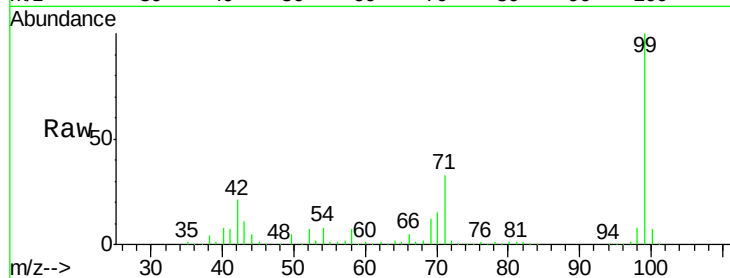
Tgt Ion: 99 Resp: 1274849

Ion Ratio Lower Upper

99 100

42 20.8 15.6 23.4

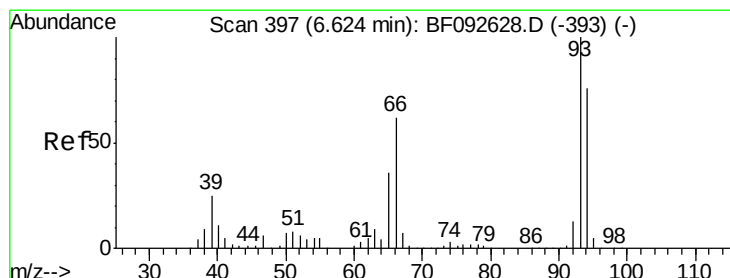
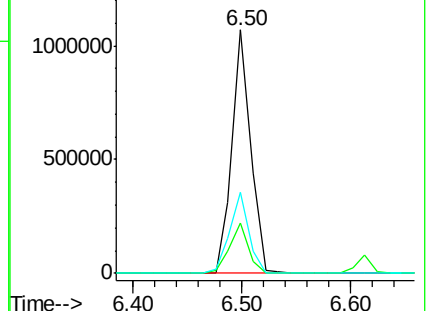
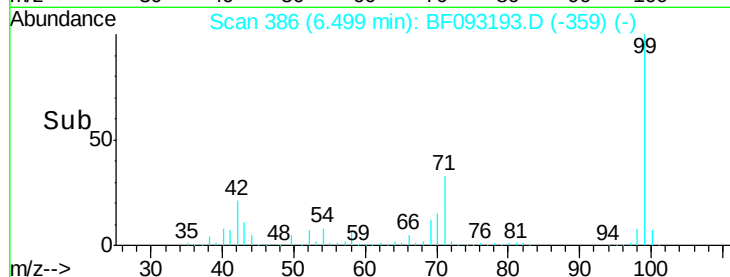
71 33.1 27.5 41.3



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



#10

Phenol

Concen: 5.53 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF093193.D

Acq: 25 Feb 2017 15:25

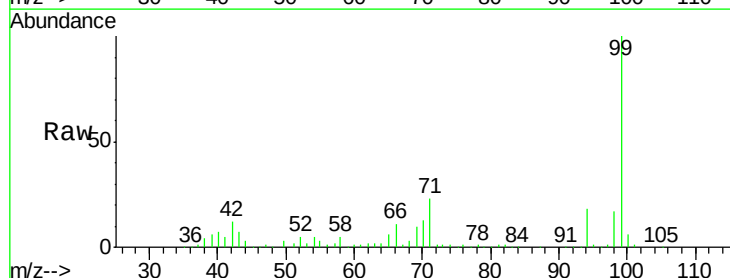
Tgt Ion: 94 Resp: 71748

Ion Ratio Lower Upper

94 100

65 36.4 21.4 61.4

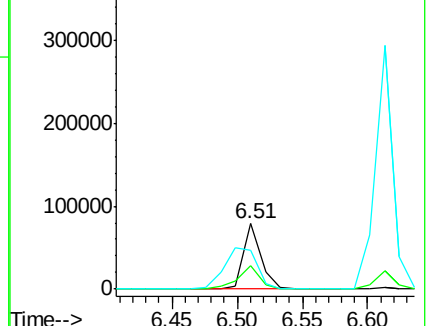
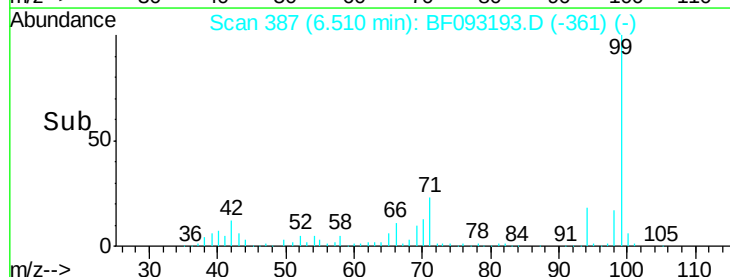
66 60.4 44.0 84.0

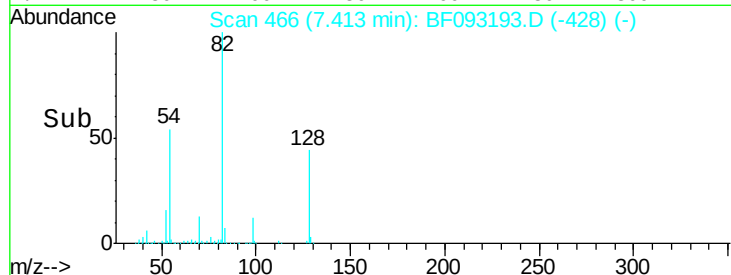
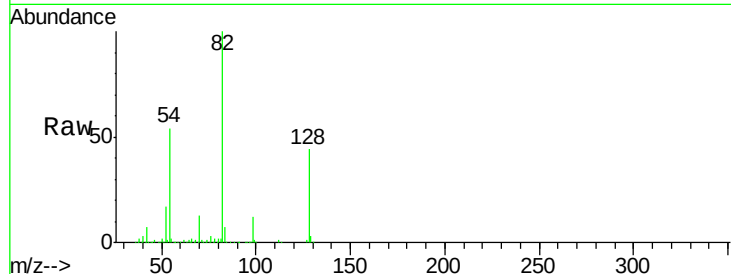
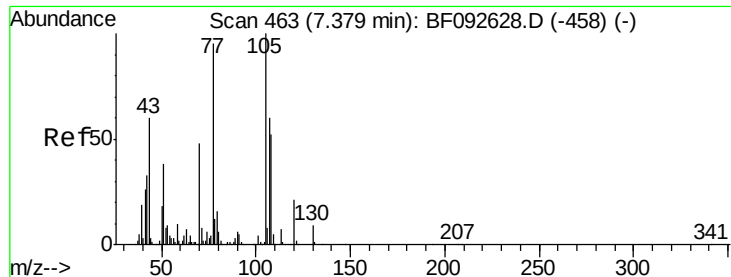


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

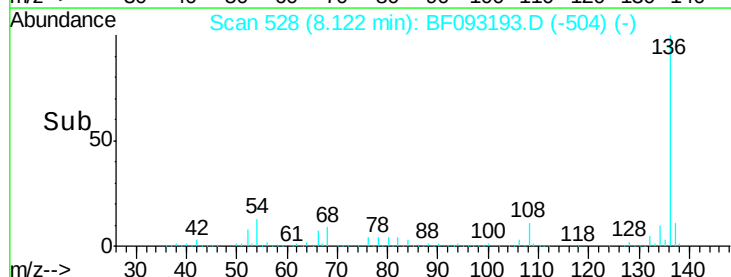
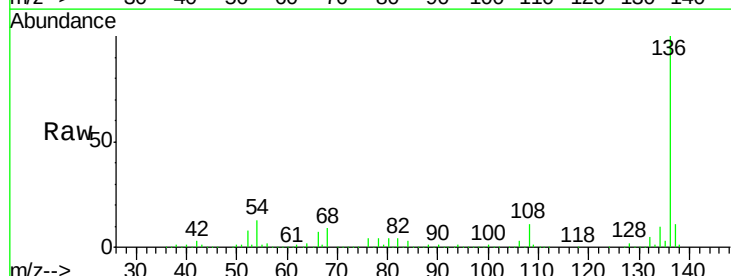
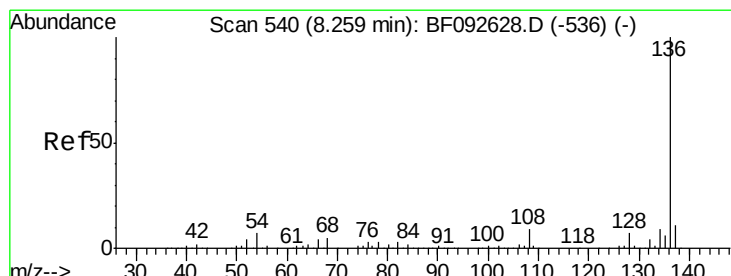
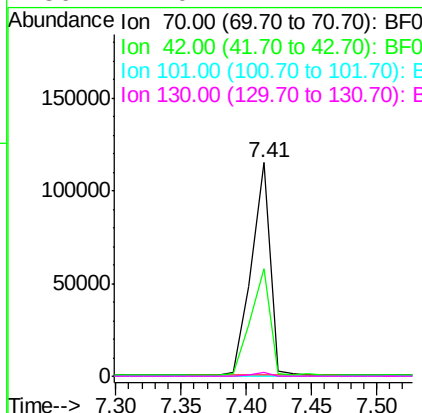




#19
n-Nitroso-di-n-propylamine
Concen: 16.35 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.14 min
Lab File: BF093193.D
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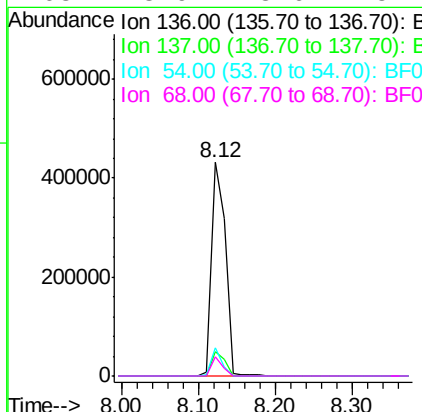
Instrument :
BNA_F
ClientSampleId :
E2-Y5N-SW2

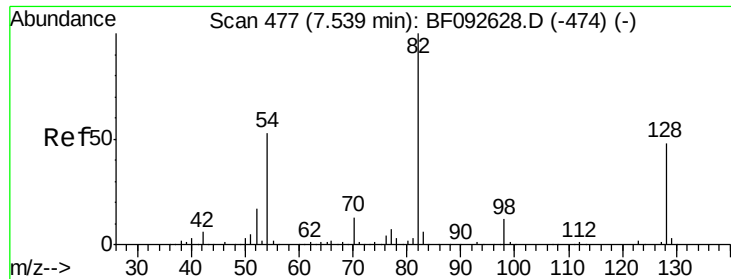
Tgt Ion:	70	Resp:	115384
Ion	Ratio	Lower	Upper
70	100		
42	50.6	49.4	74.0
101	0.0	7.4	11.2#
130	2.0	14.2	21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.02 min
Lab File: BF093193.D
Acq: 25 Feb 2017 15:25

Tgt Ion:	136	Resp:	529017
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	13.1	4.5	6.7#
68	8.9	3.6	5.4#

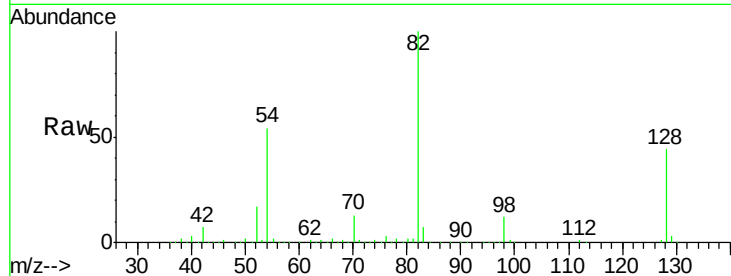




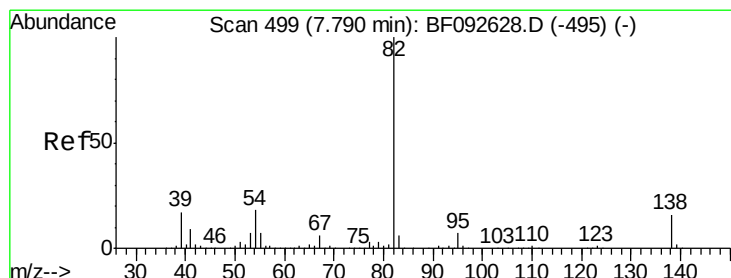
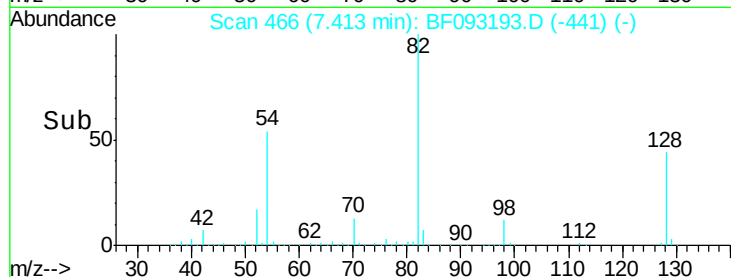
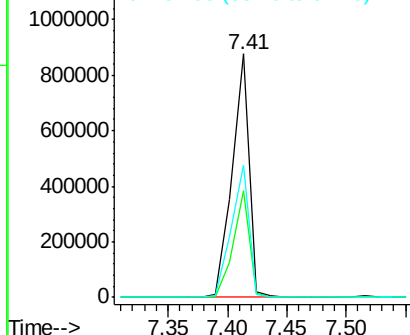
#23
 Nitrobenzene-d5
 Concen: 91.72 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.01 min
 Lab File: BF093193.D
 Acq: 25 Feb 2017 15:25

Instrument :
 BNA_F
 ClientSampleId :
 E2-Y5N-SW2

Tgt Ion: 82 Resp: 871284
 Ion Ratio Lower Upper
 82 100
 128 43.7 34.6 52.0
 54 54.4 39.5 59.3

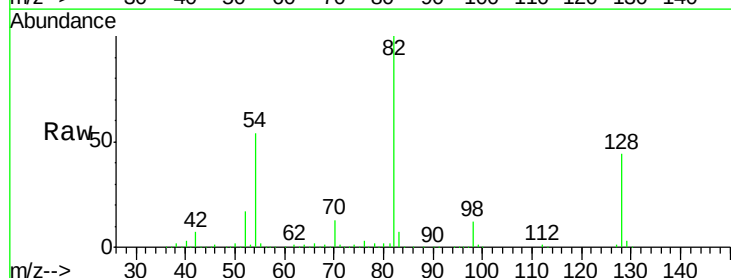


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

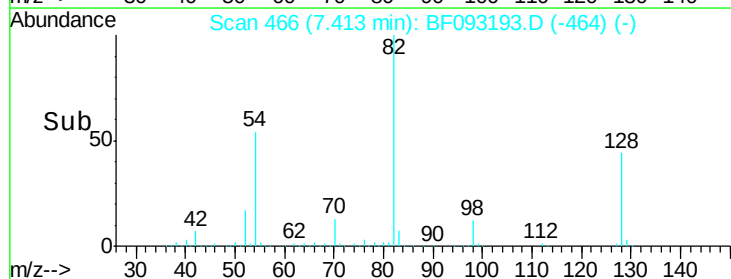
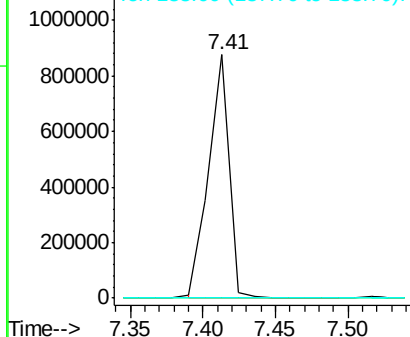


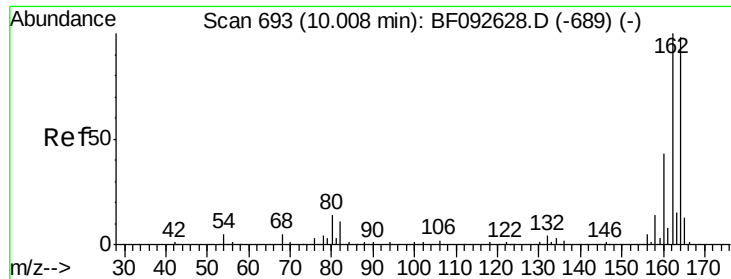
#25
 Isophorone
 Concen: 48.41 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.27 min
 Lab File: BF093193.D
 Acq: 25 Feb 2017 15:25

Tgt Ion: 82 Resp: 857036
 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: BF093193.D

Acq: 25 Feb 2017 15:25

Instrument :

BNA_F

ClientSampleId :

E2-Y5N-SW2

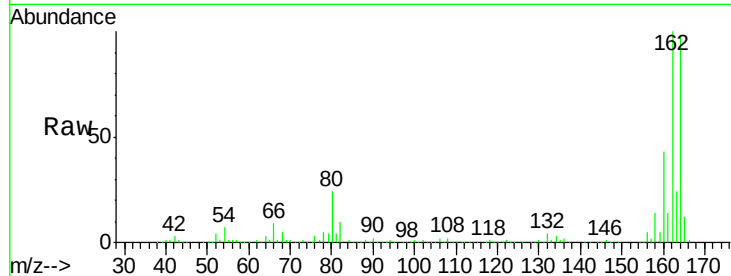
Tgt Ion:164 Resp: 233588

Ion Ratio Lower Upper

164 100

162 101.6 80.2 120.2

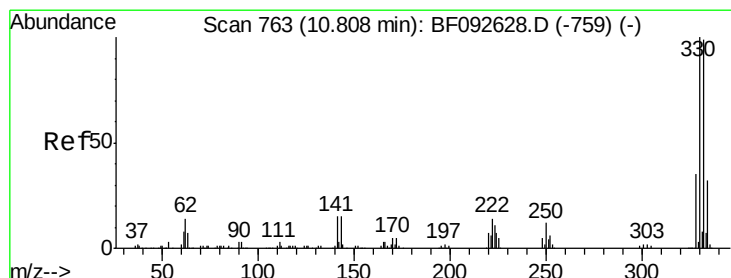
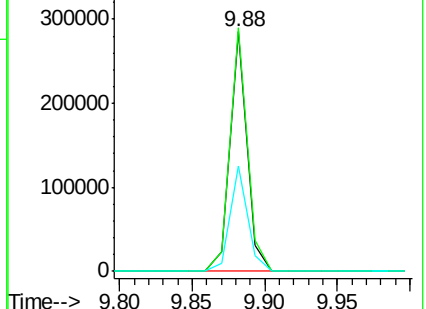
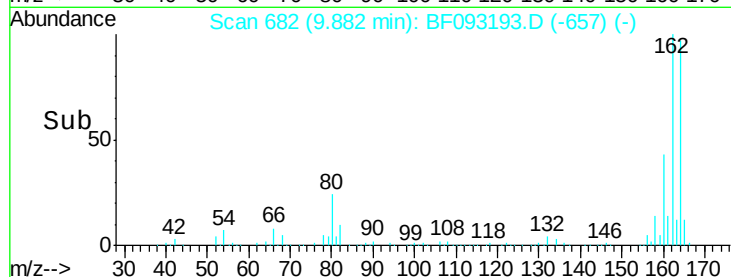
160 43.9 36.9 55.3



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: 115.48 ng

RT: 10.68 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF093193.D

Acq: 25 Feb 2017 15:25

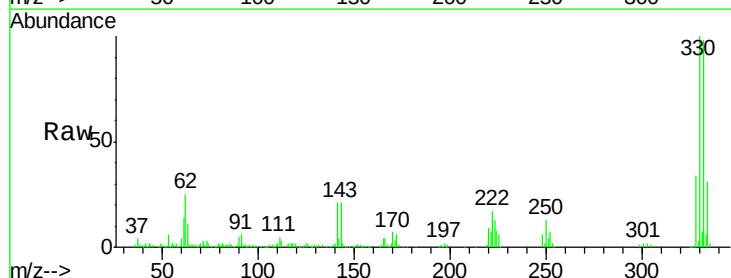
Tgt Ion:330 Resp: 195092

Ion Ratio Lower Upper

330 100

332 97.0 77.4 116.2

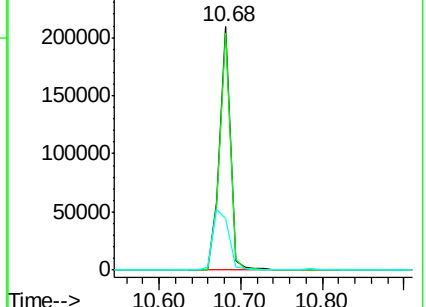
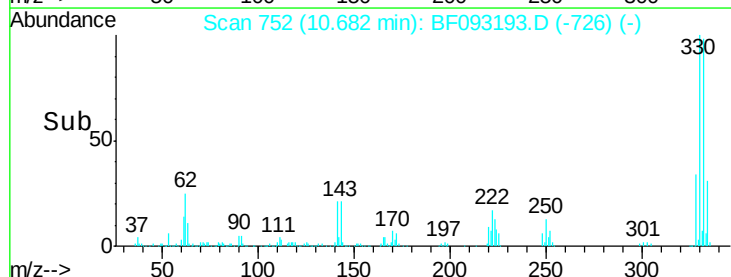
141 36.6 34.1 51.1

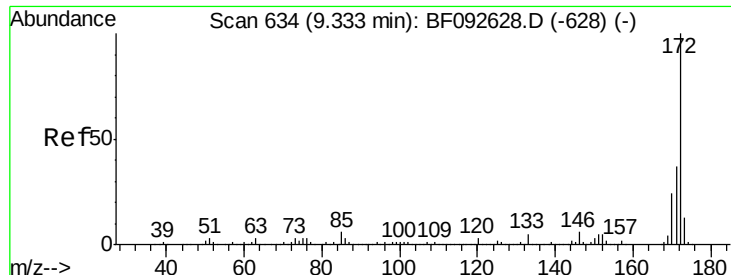


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

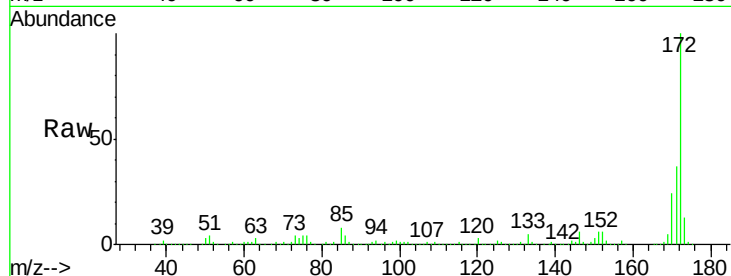




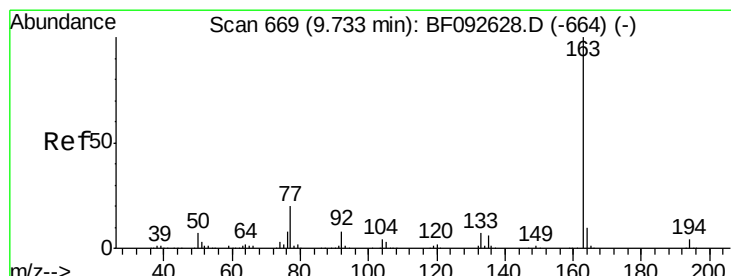
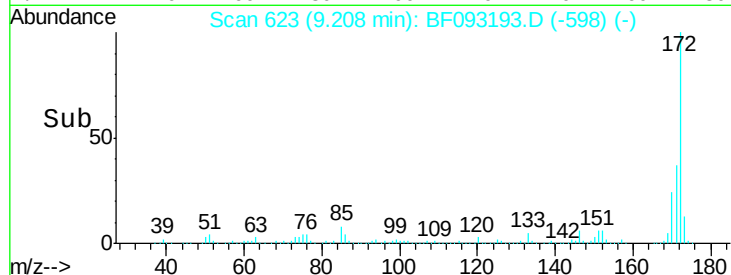
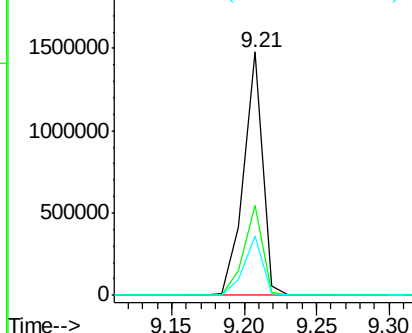
#44
 2-Fluorobiphenyl
 Concen: 104.89 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF093193.D
 Acq: 25 Feb 2017 15:25

Instrument :
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 E2-Y5N-SW2

Tgt Ion:172 Resp: 1352432
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.4 44.0
 170 24.5 20.2 30.4

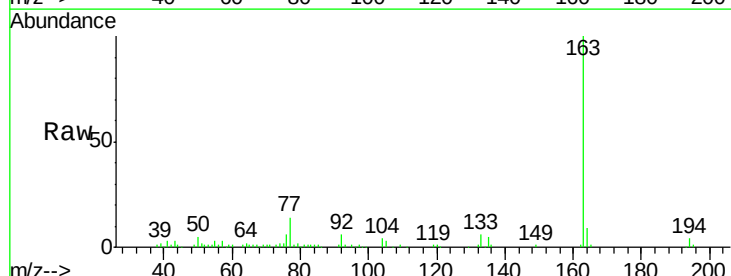


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

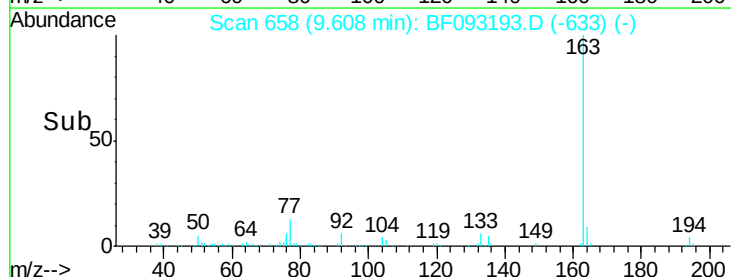
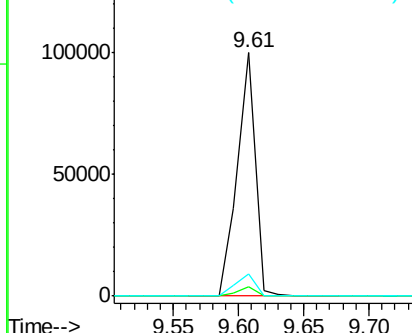


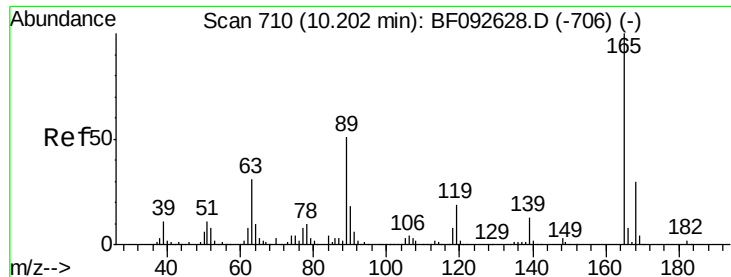
#49
 Dimethylphthalate
 Concen: 6.07 ng
 RT: 9.61 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: BF093193.D
 Acq: 25 Feb 2017 15:25

Tgt Ion:163 Resp: 95491
 Ion Ratio Lower Upper
 163 100
 194 4.0 3.0 4.4
 164 9.2 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

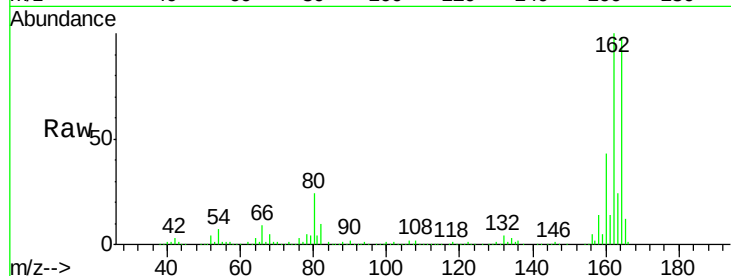




#56
 2,4-Dinitrotoluene
 Concen: 6.78 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.21 min
 Lab File: BF093193.D
 Acq: 25 Feb 2017 15:25

Instrument :
 BNA_F
 ClientSampleId :
 E2-Y5N-SW2

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	40.2	60.4#
89	1.3	62.5	93.7#
182	0.0	1.8	2.8#

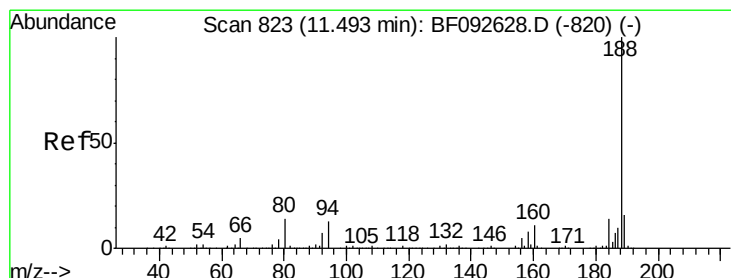
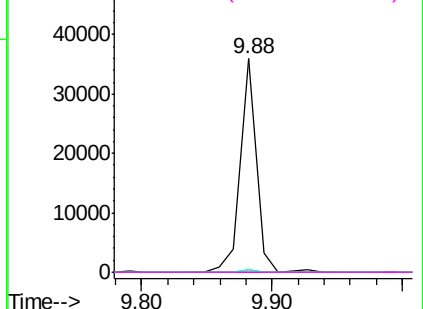
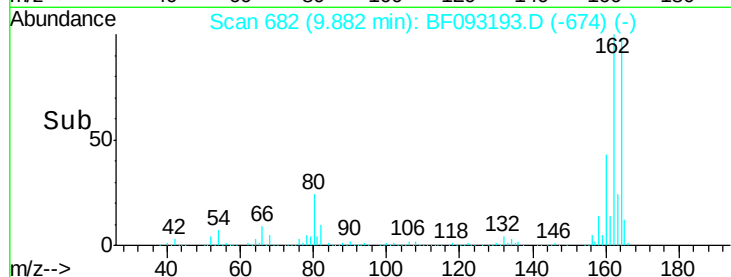


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

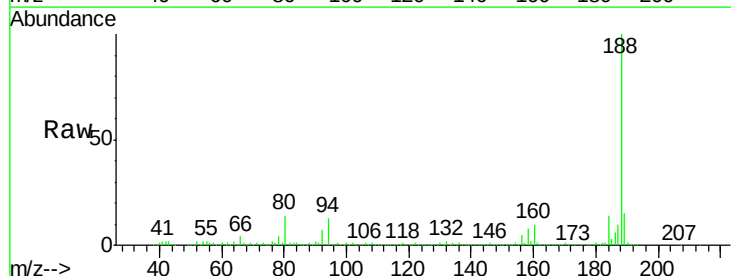
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF093193.D
 Acq: 25 Feb 2017 15:25

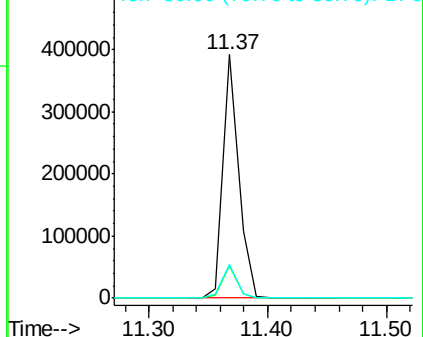
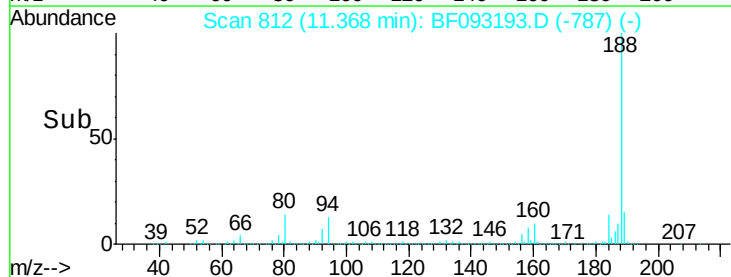
Tgt Ion	Ratio	Lower	Upper
188	100		
94	13.2	10.0	15.0
80	14.0	11.2	16.8

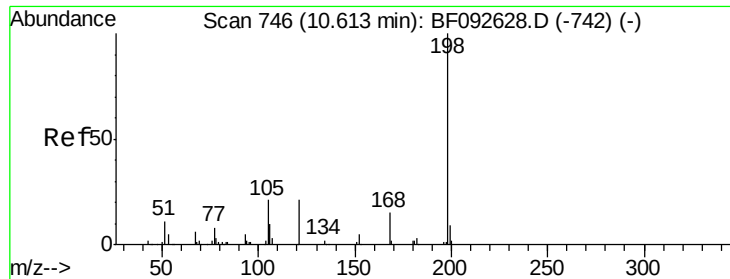


Abundance Ion 188.00 (187.70 to 188.70): E

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: 2.91 ng

RT: 10.67 min Scan# 751

Delta R.T. 0.17 min

Lab File: BF093193.D

Acq: 25 Feb 2017 15:25

Instrument :

BNA_F

ClientSampleId :

E2-Y5N-SW2

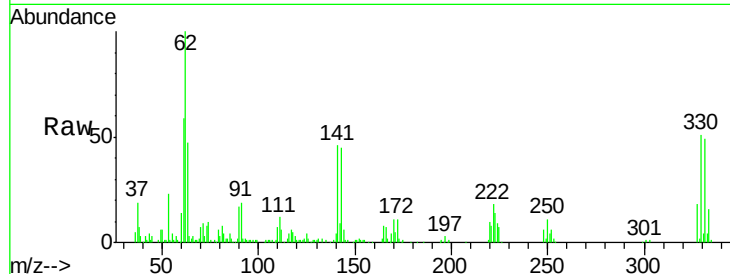
Tgt Ion:198 Resp: 551

Ion Ratio Lower Upper

198 100

51 295.0 6.7 46.7#

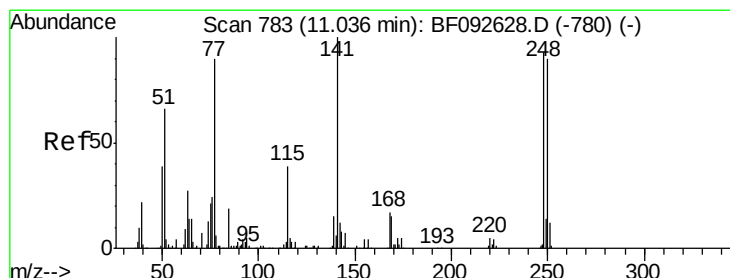
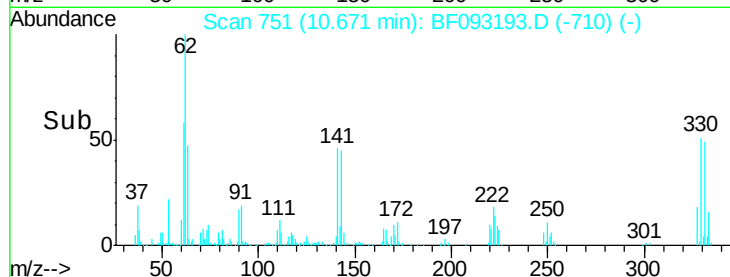
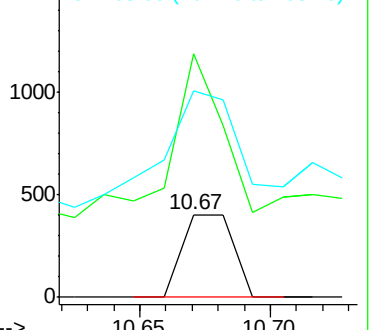
105 250.7 16.6 56.6#



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: 3.77 ng

RT: 10.68 min Scan# 752

Delta R.T. -0.24 min

Lab File: BF093193.D

Acq: 25 Feb 2017 15:25

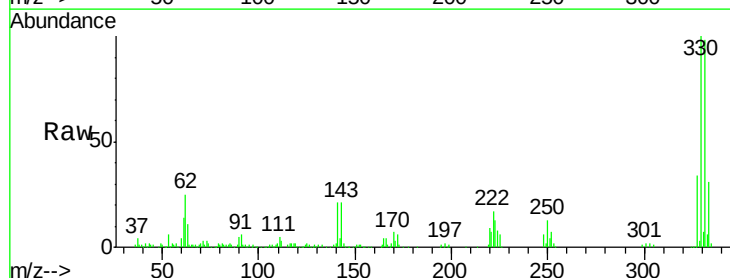
Tgt Ion:248 Resp: 14112

Ion Ratio Lower Upper

248 100

250 206.8 76.9 115.3#

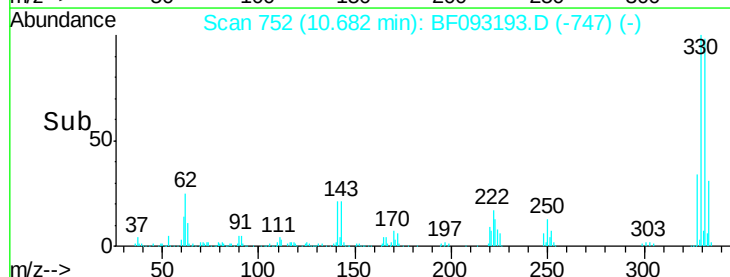
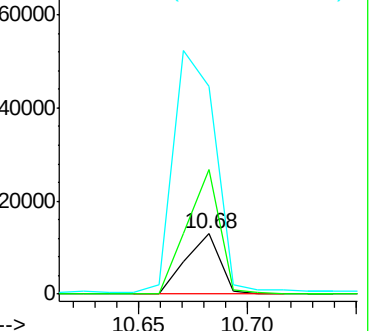
141 344.1 68.2 102.4#

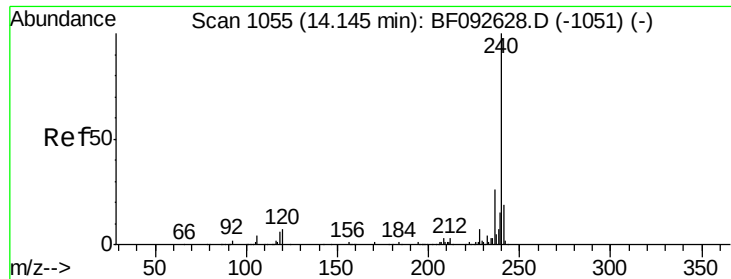


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.02 min Scan# 1044

Delta R.T. -0.00 min

Lab File: BF093193.D

Acq: 25 Feb 2017 15:25

Instrument :

BNA_F

ClientSampleId :

E2-Y5N-SW2

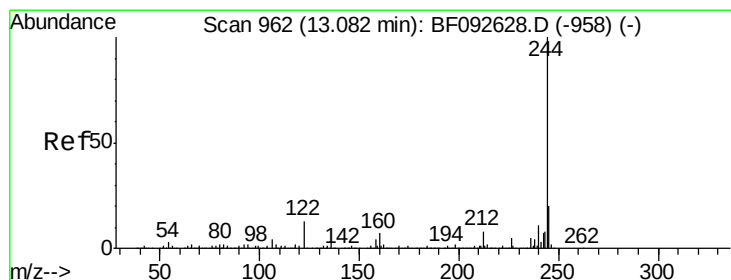
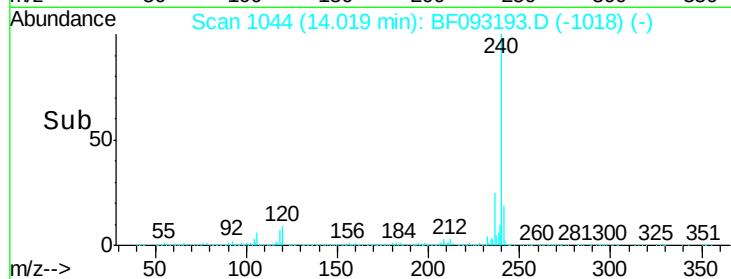
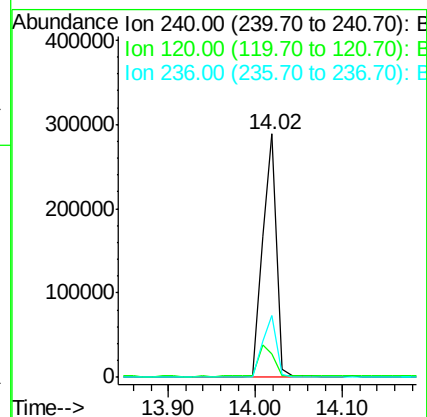
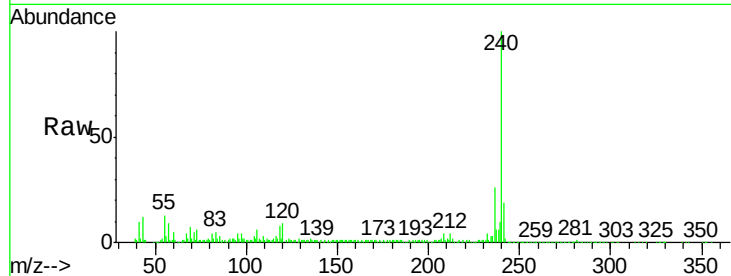
Tgt Ion:240 Resp: 324226

Ion Ratio Lower Upper

240 100

120 9.4 12.9 19.3#

236 25.6 20.9 31.3



#78

Terphenyl-d14

Concen: 63.23 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF093193.D

Acq: 25 Feb 2017 15:25

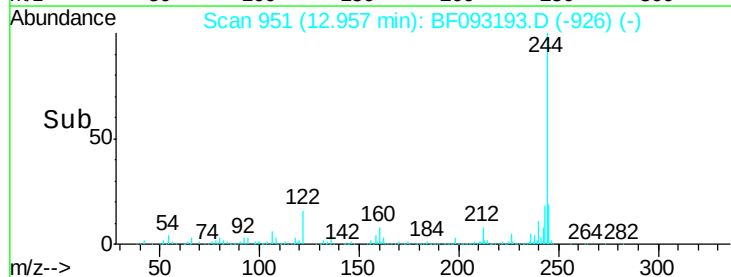
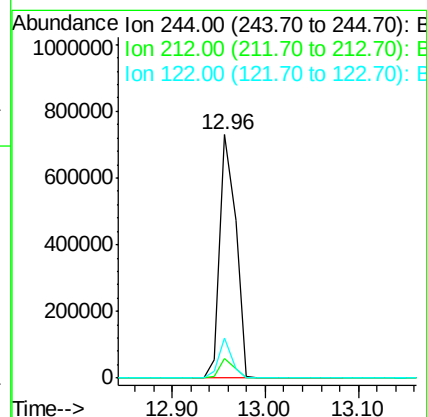
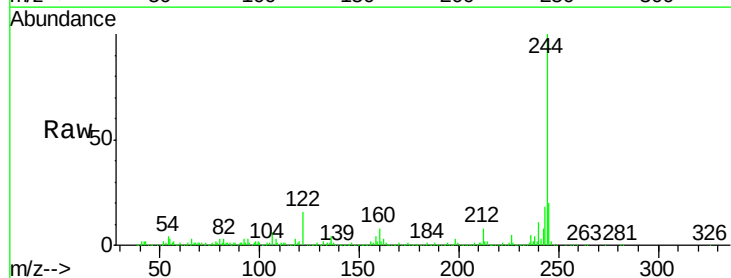
Tgt Ion:244 Resp: 872455

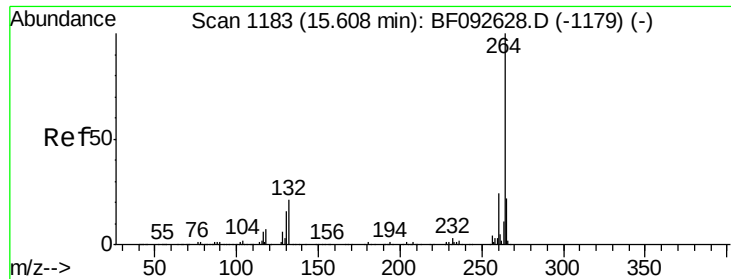
Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

122 16.4 11.4 17.2

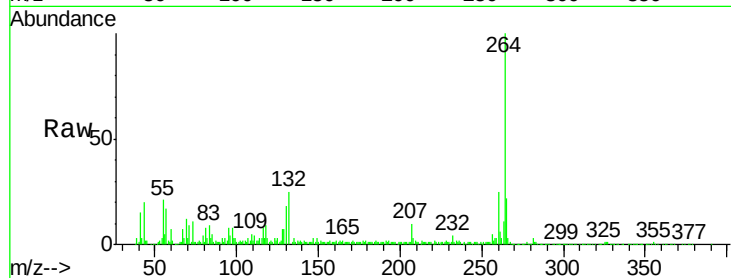




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.45 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BF093193.D
Acq: 25 Feb 2017 15:25

Instrument :
BNA_F
ClientSampleId :
E2-Y5N-SW2

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	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

