

Data File : BF093153.D
Acq On : 24 Feb 2017 19:13
Operator : SJ/MA
Sample : I1957-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SRI-SB-4(8-10)20170221

Quant Time: Feb 24 22:06:49 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	151637	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	589884	20.00	ng	-0.02
38) Acenaphthene-d10	9.87	164	276431	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	540768	20.00	ng	-0.02
75) Chrysene-d12	14.00	240	481536	20.00	ng	-0.02
86) Perylene-d12	15.43	264	381301	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1375247	155.60	ng	-0.01
7) Phenol-d6	6.48	99	1545409	135.89	ng	-0.01
23) Nitrobenzene-d5	7.40	82	968404	91.42	ng	-0.02
41) 2,4,6-Tribromophenol	10.67	330	353699	176.91	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	1577878	103.41	ng	-0.02
78) Terphenyl-d14	12.96	244	1529642	74.64	ng	-0.01
Target Compounds						
10) Phenol	6.49	94	119169	8.96	ng	# 71
19) n-Nitroso-di-n-propylamine	7.40	70	129315	17.86	ng	# 80
25) Isophorone	7.40	82	790810	40.06	ng	# 65
49) Dimethylphthalate	9.60	163	295935	15.89	ng	99
56) 2,4-Dinitrotoluene	9.87	165	34723	6.49	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.67	198	969	2.95	ng	# 1
66) 4-Bromophenyl-phenylether	10.67	248	26786	4.74	ng	# 1

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

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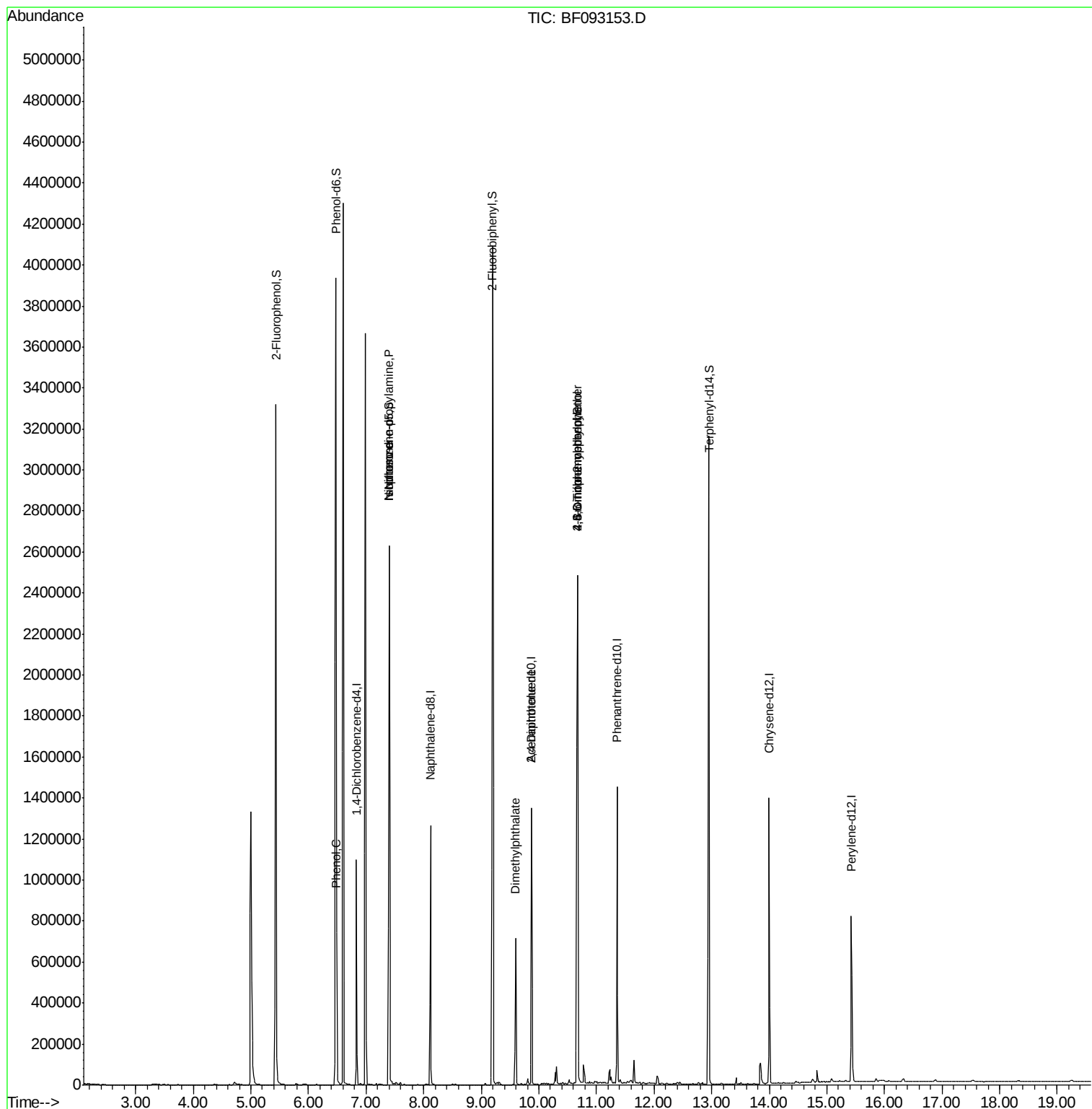
Quant Time: Feb 24 22:06:49 2017

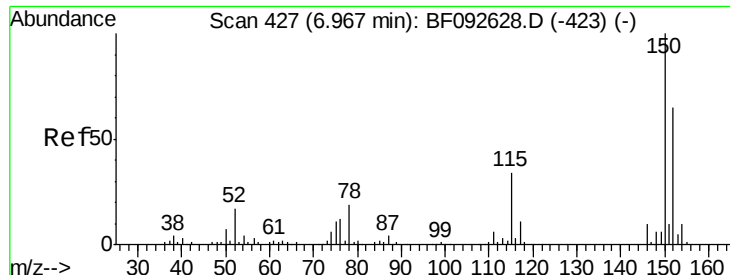
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M

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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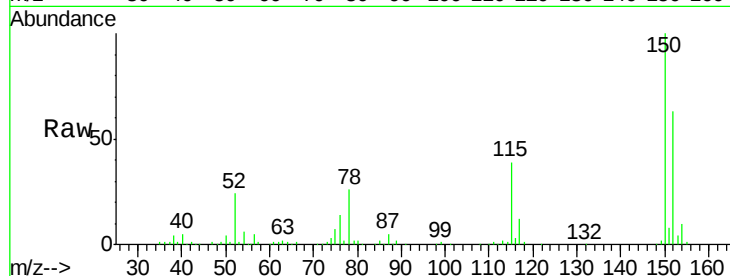
Tgt Ion:152 Resp: 151637

Ion Ratio Lower Upper

152 100

150 158.7 124.9 187.3

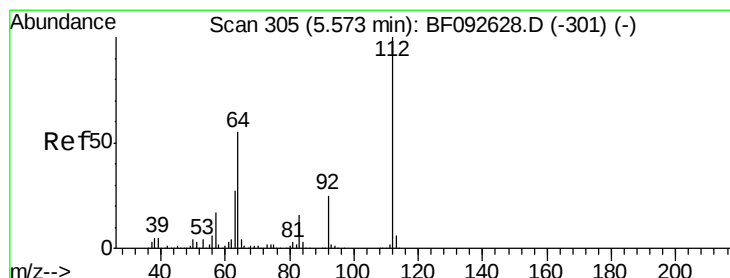
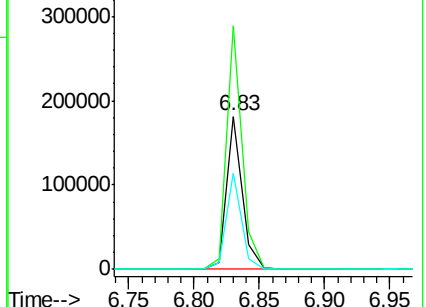
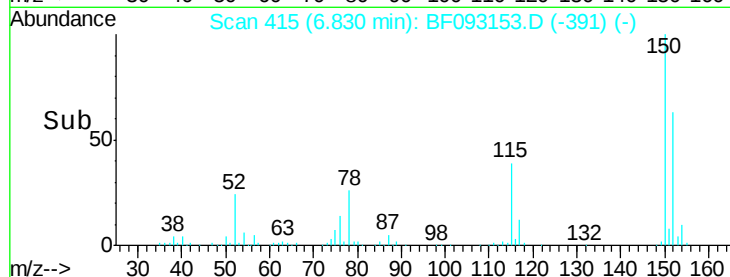
115 62.7 46.0 69.0



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: 155.60 ng

RT: 5.44 min Scan# 293

Delta R.T. -0.01 min

Lab File: BF093153.D

Acq: 24 Feb 2017 19:13

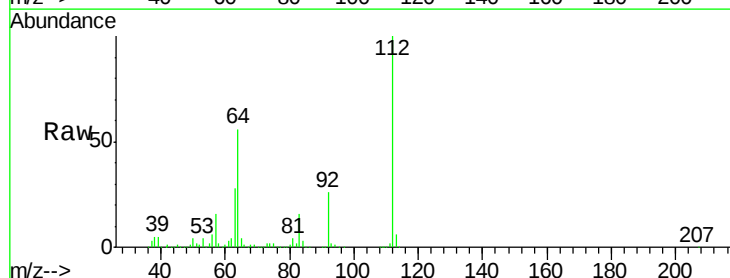
Tgt Ion:112 Resp: 1375247

Ion Ratio Lower Upper

112 100

64 55.7 46.1 69.1

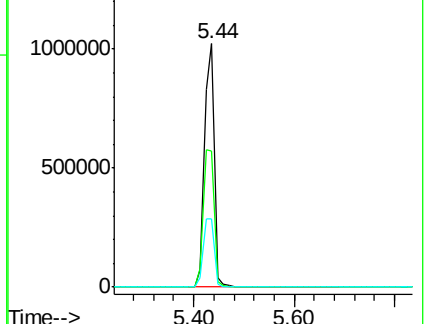
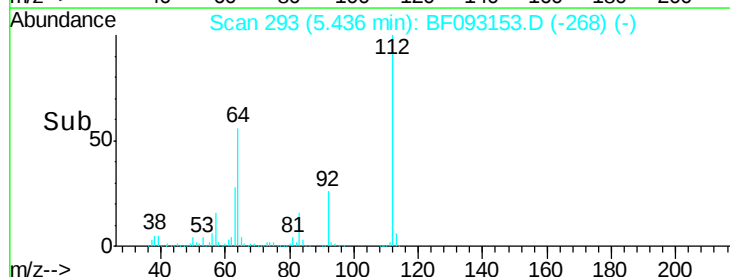
63 27.9 23.8 35.6

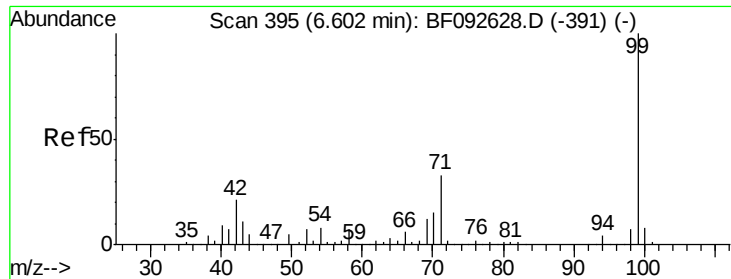


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 135.89 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF093153.D

Acq: 24 Feb 2017 19:13

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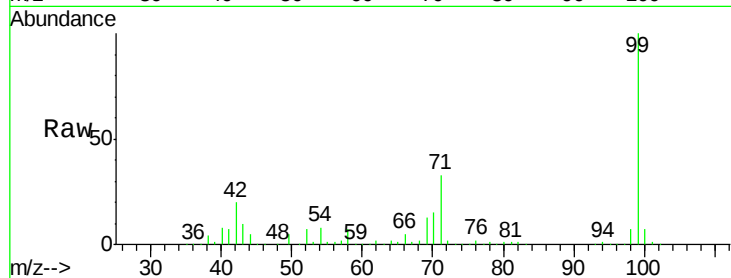
Tgt Ion: 99 Resp: 1545409

Ion Ratio Lower Upper

99 100

42 20.1 15.6 23.4

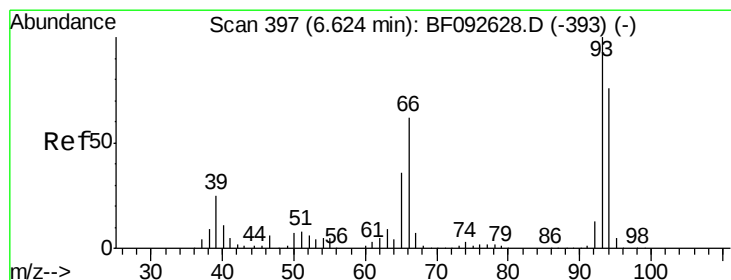
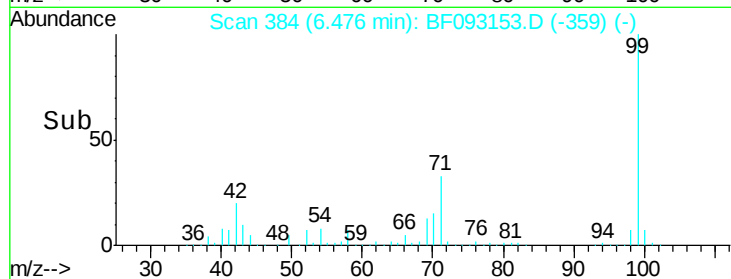
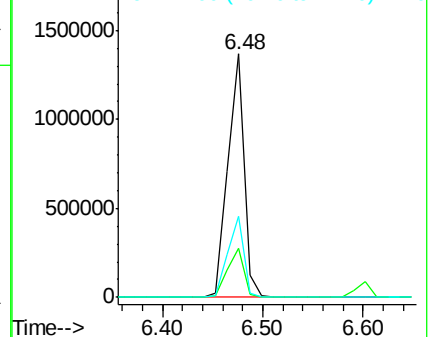
71 33.1 27.5 41.3



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: 8.96 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF093153.D

Acq: 24 Feb 2017 19:13

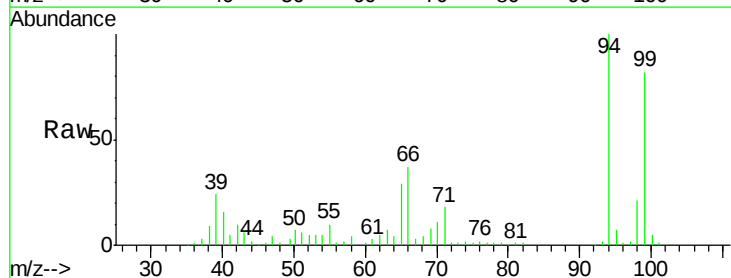
Tgt Ion: 94 Resp: 119169

Ion Ratio Lower Upper

94 100

65 28.9 21.4 61.4

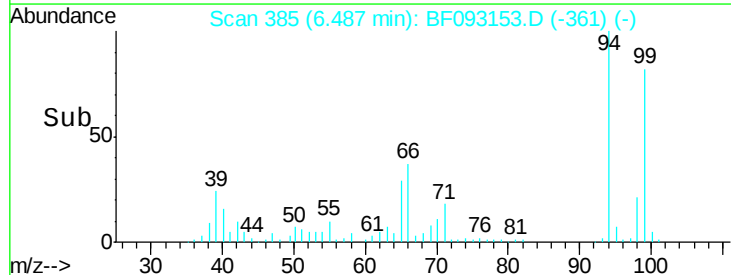
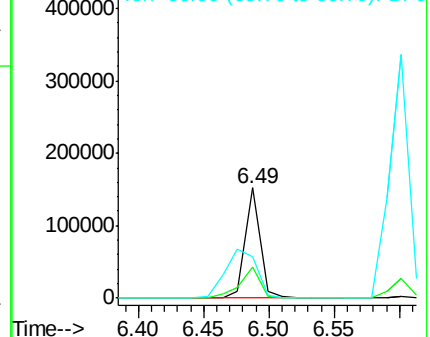
66 37.2 44.0 84.0#



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

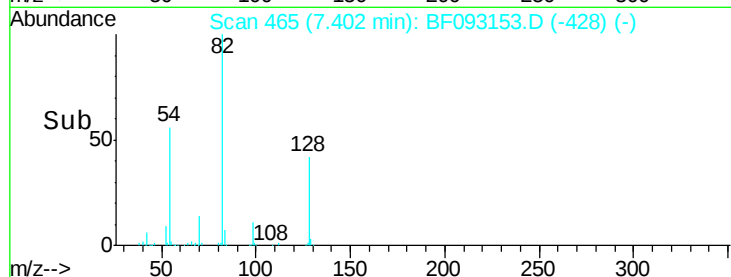
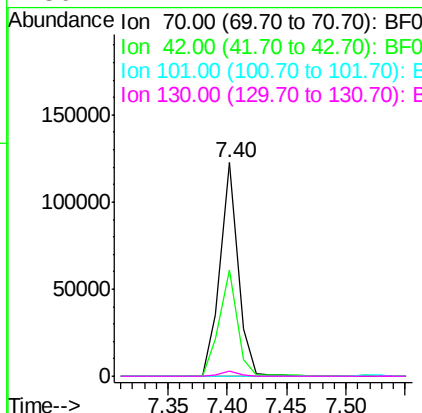
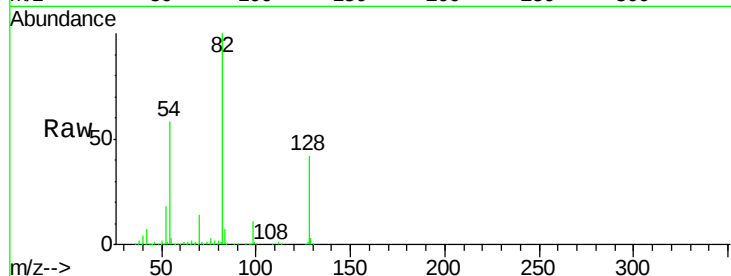




#19
n-Nitroso-di-n-propylamine
Concen: 17.86 ng
RT: 7.40 min Scan# 465
Delta R.T. 0.13 min
Lab File: BF093153.D
Acq: 24 Feb 2017 19:13

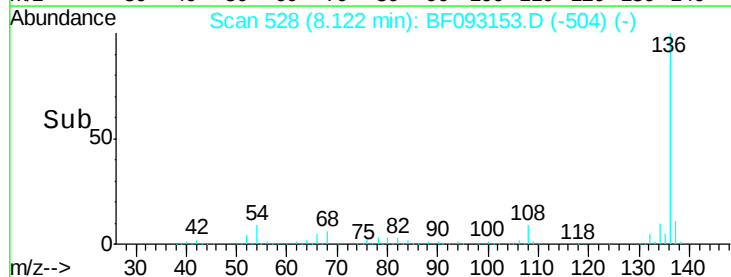
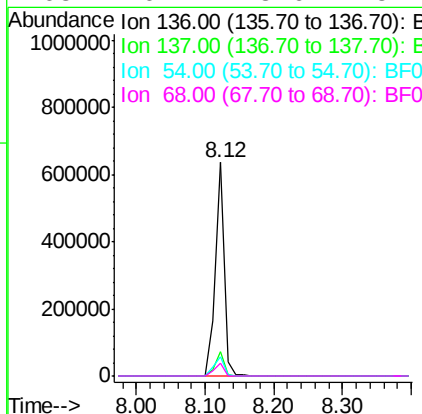
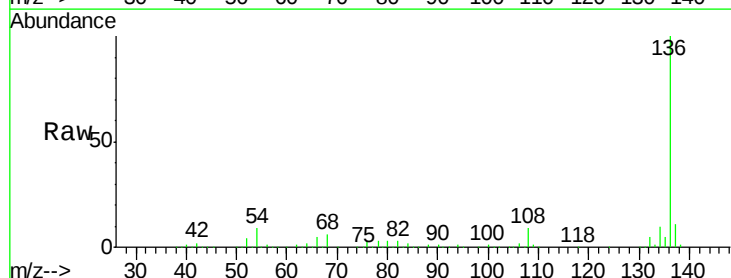
Instrument :
BNA_F
ClientSampleId :
SRI-SB-4(8-10)20170221

Tgt Ion: 70 Resp: 129315
Ion Ratio Lower Upper
70 100
42 50.0 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: 8.12 min Scan# 528
Delta R.T. -0.02 min
Lab File: BF093153.D
Acq: 24 Feb 2017 19:13

Tgt Ion: 136 Resp: 589884
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 8.9 4.5 6.7#
68 6.2 3.6 5.4#

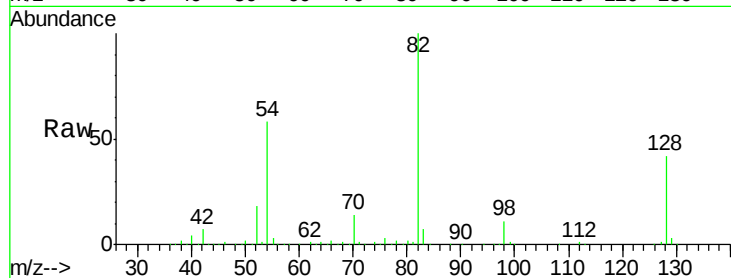




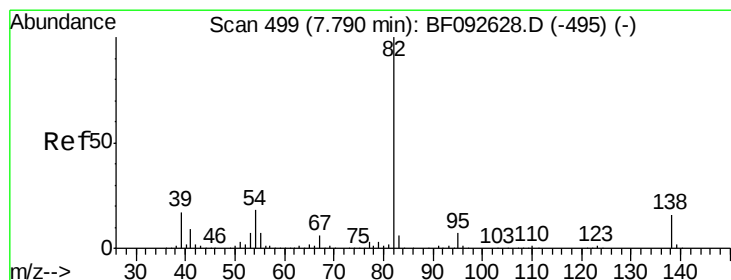
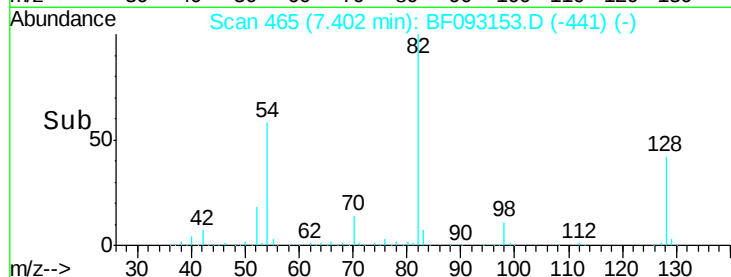
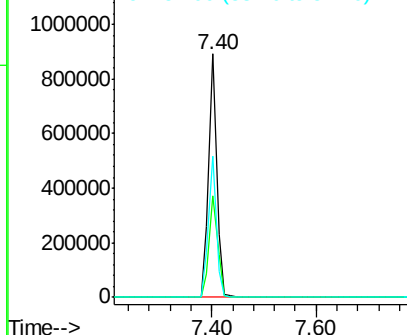
#23
 Nitrobenzene-d5
 Concen: 91.42 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.02 min
 Lab File: BF093153.D
 Acq: 24 Feb 2017 19:13

Instrument :
 BNA_F
 ClientSampleId :
 SRI-SB-4(8-10)20170221

Tgt Ion: 82 Resp: 968404
 Ion Ratio Lower Upper
 82 100
 128 41.8 34.6 52.0
 54 58.2 39.5 59.3

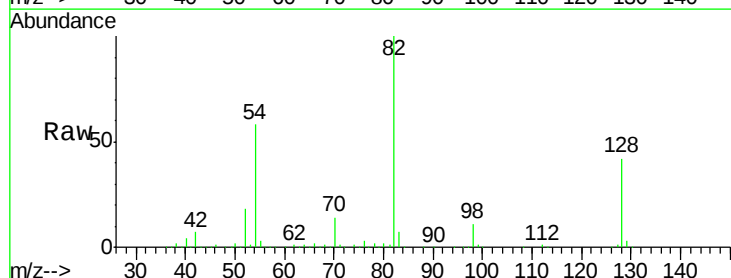


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

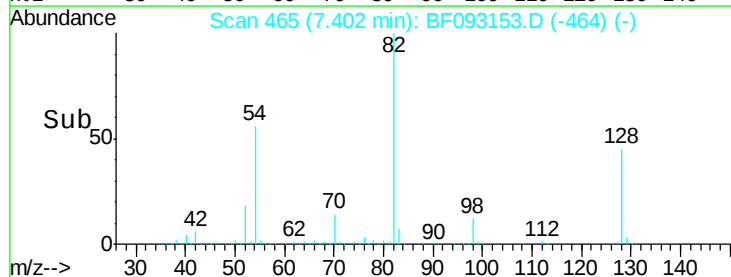
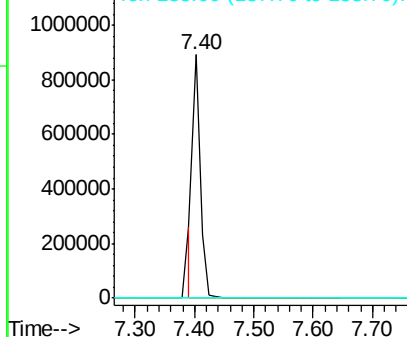


#25
 Isophorone
 Concen: 40.06 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.29 min
 Lab File: BF093153.D
 Acq: 24 Feb 2017 19:13

Tgt Ion: 82 Resp: 790810
 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: 9.87 min Scan# 681

Delta R.T. -0.02 min

Lab File: BF093153.D

Acq: 24 Feb 2017 19:13

Instrument :

BNA_F

ClientSampleId :

SRI-SB-4(8-10)20170221

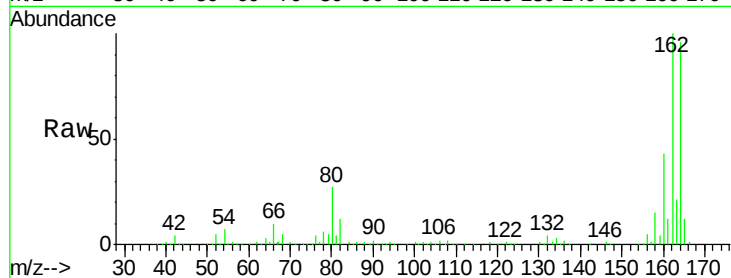
Tgt Ion:164 Resp: 276431

Ion Ratio Lower Upper

164 100

162 103.7 80.2 120.2

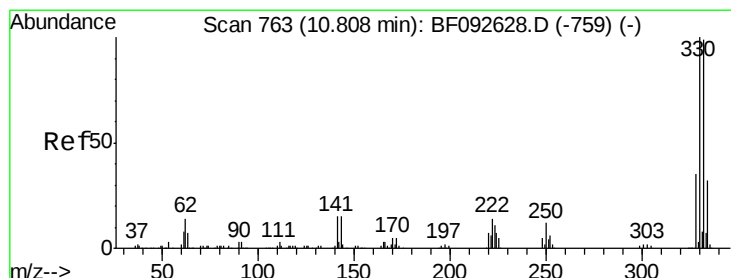
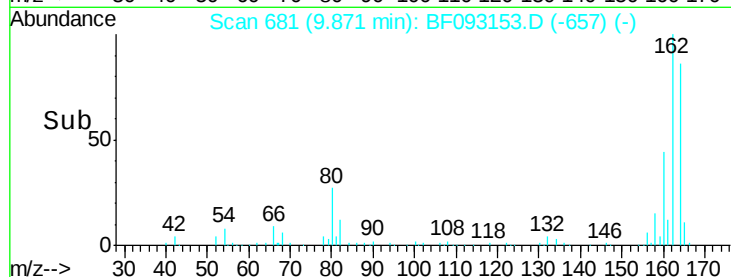
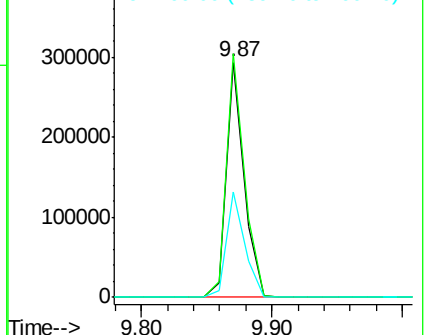
160 44.8 36.9 55.3



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: 176.91 ng

RT: 10.67 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF093153.D

Acq: 24 Feb 2017 19:13

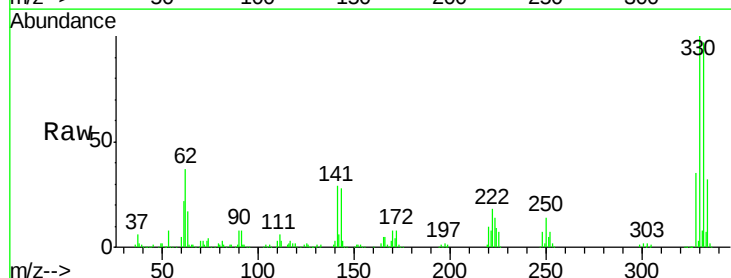
Tgt Ion:330 Resp: 353699

Ion Ratio Lower Upper

330 100

332 97.4 77.4 116.2

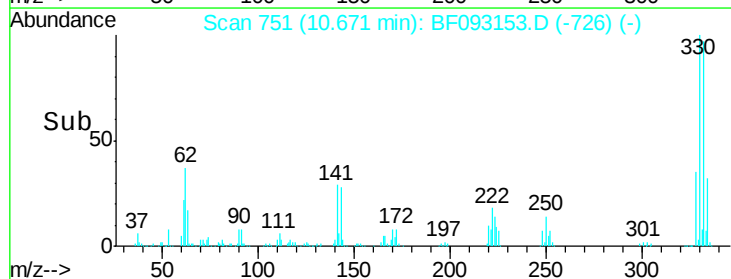
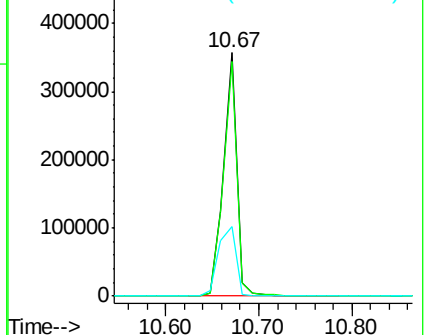
141 38.3 34.1 51.1



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

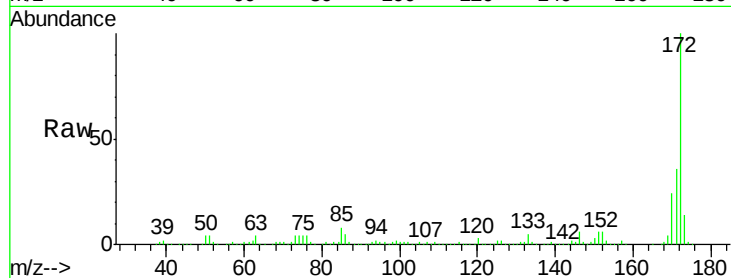




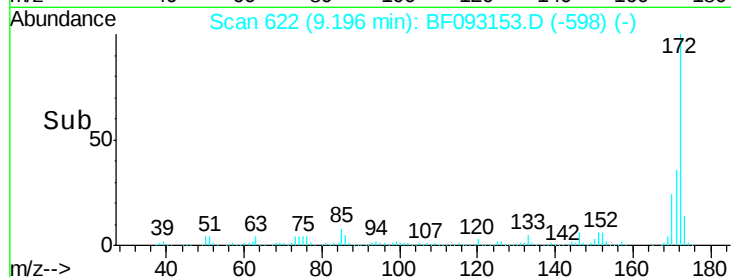
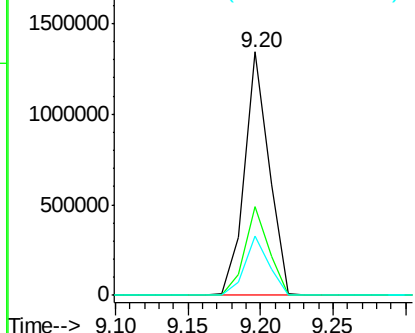
#44
 2-Fluorobiphenyl
 Concen: 103.41 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.02 min
 Lab File: BF093153.D
 Acq: 24 Feb 2017 19:13

Instrument :
 BNA_F
 ClientSampleId :
 SRI-SB-4(8-10)20170221

Tgt Ion:172 Resp: 1577878
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.4 44.0
 170 24.3 20.2 30.4

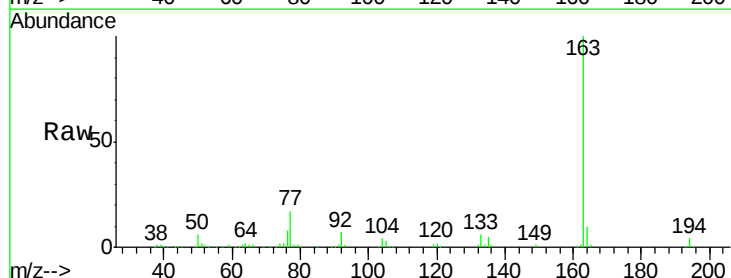


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

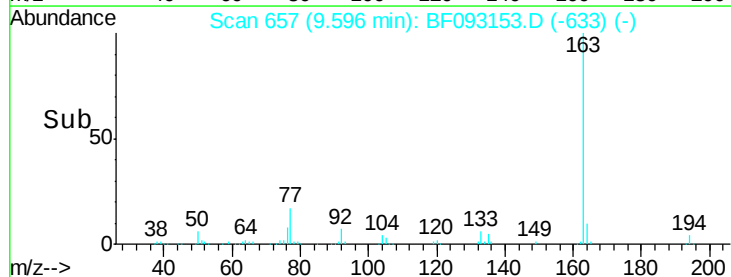
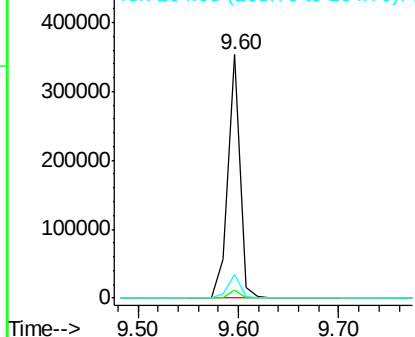


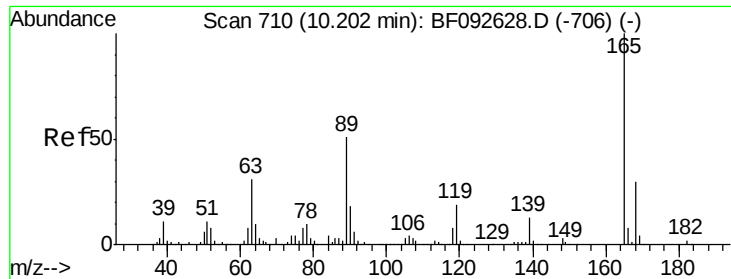
#49
 Dimethylphthalate
 Concen: 15.89 ng
 RT: 9.60 min Scan# 657
 Delta R.T. -0.02 min
 Lab File: BF093153.D
 Acq: 24 Feb 2017 19:13

Tgt Ion:163 Resp: 295935
 Ion Ratio Lower Upper
 163 100
 194 3.6 3.0 4.4
 164 9.7 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

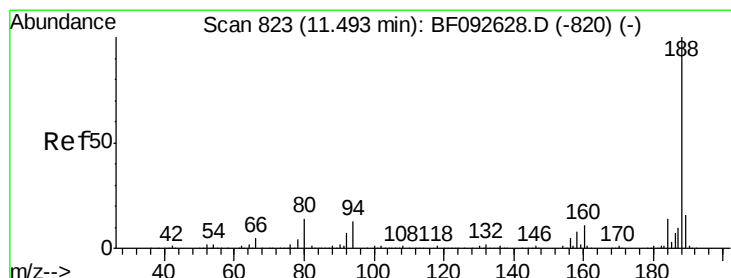
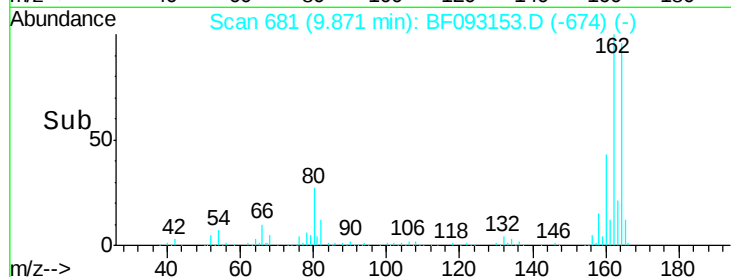
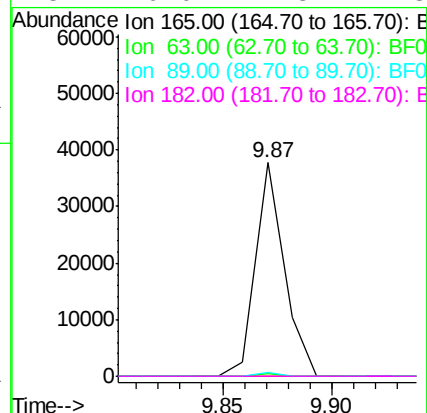
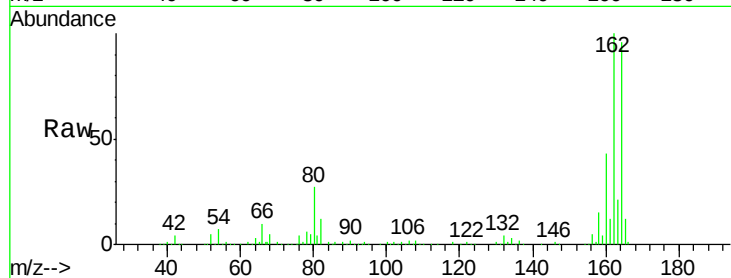




#56
 2,4-Dinitrotoluene
 Concen: 6.49 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.22 min
 Lab File: BF093153.D
 Acq: 24 Feb 2017 19:13

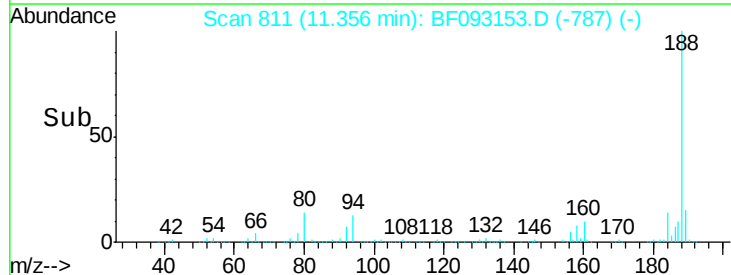
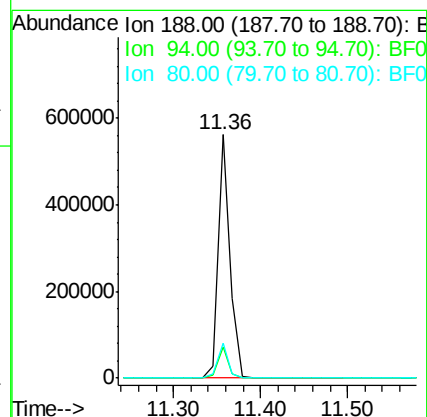
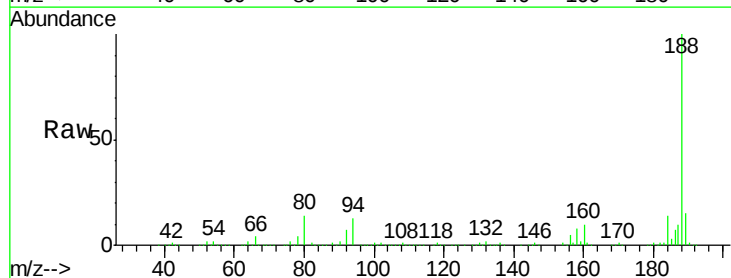
Instrument :
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 SRI-SB-4(8-10)20170221

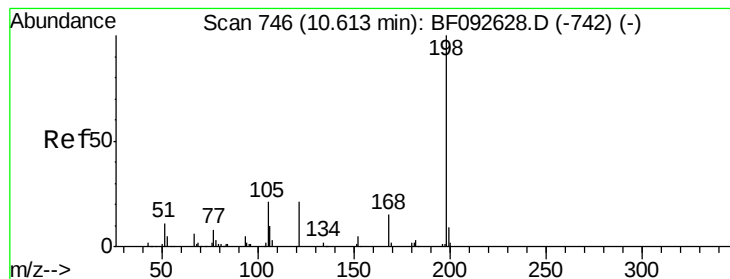
Tgt Ion:	165	Resp:	34723
Ion	Ratio	Lower	Upper
165	100		
63	1.4	40.2	60.4#
89	1.5	62.5	93.7#
182	0.0	1.8	2.8#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.02 min
 Lab File: BF093153.D
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Tgt Ion:	188	Resp:	540768
Ion	Ratio	Lower	Upper
188	100		
94	12.8	10.0	15.0
80	14.3	11.2	16.8





#64

4,6-Dinitro-2-methylphenol

Concen: 2.95 ng

RT: 10.67 min Scan# 751

Delta R.T. 0.17 min

Lab File: BF093153.D

Acq: 24 Feb 2017 19:13

Instrument :

BNA_F

ClientSampleId :

SRI-SB-4(8-10)20170221

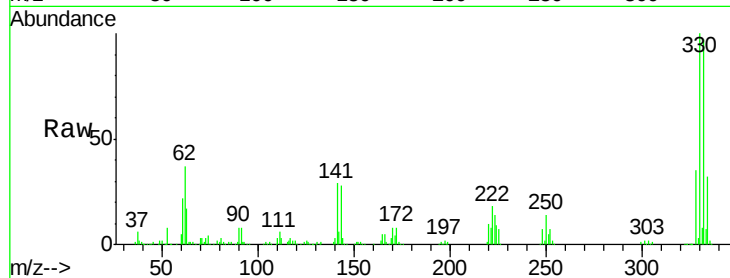
Tgt Ion:198 Resp: 969

Ion Ratio Lower Upper

198 100

51 105.1 6.7 46.7#

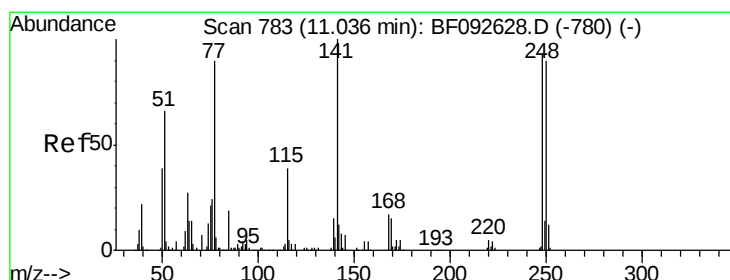
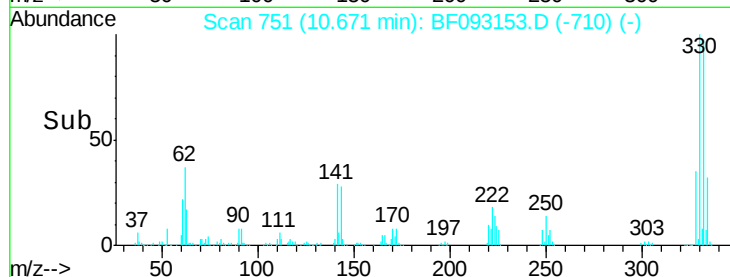
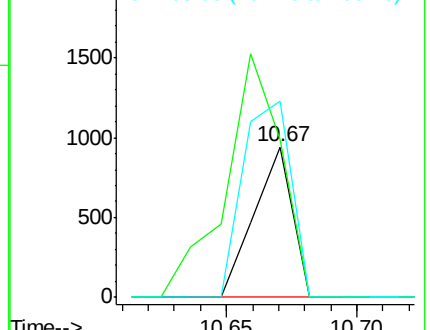
105 130.6 16.6 56.6#



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: 4.74 ng

RT: 10.67 min Scan# 751

Delta R.T. -0.25 min

Lab File: BF093153.D

Acq: 24 Feb 2017 19:13

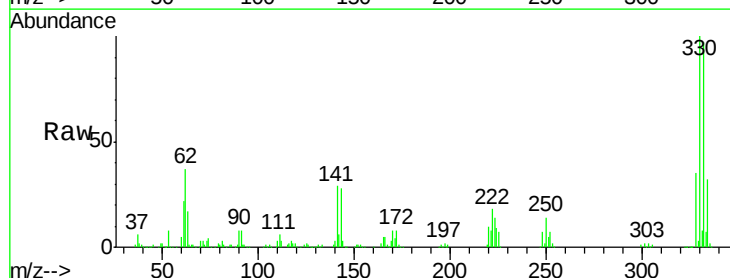
Tgt Ion:248 Resp: 26786

Ion Ratio Lower Upper

248 100

250 200.4 76.9 115.3#

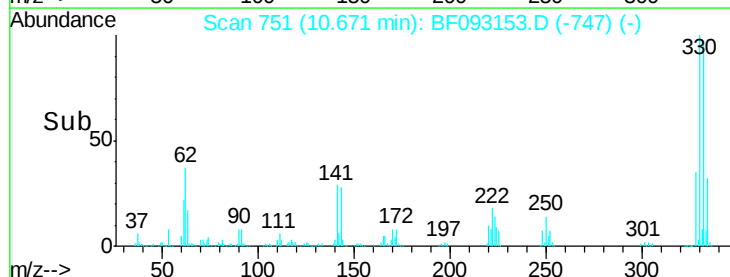
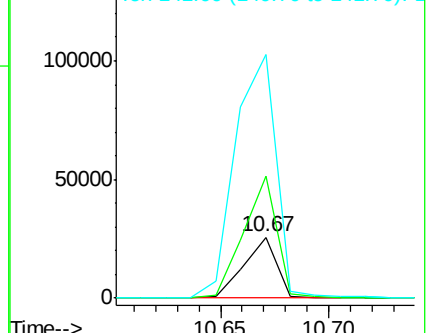
141 400.4 68.2 102.4#

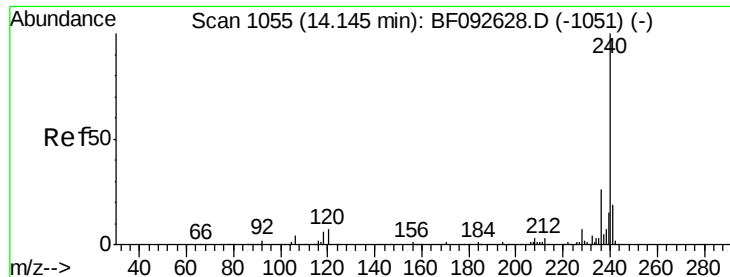


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF093153.D

Acq: 24 Feb 2017 19:13

Instrument :

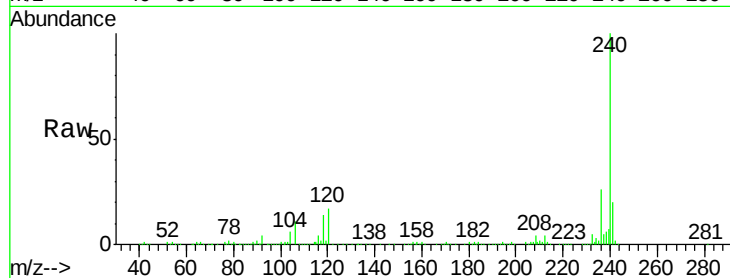
BNA_F

ClientSampleId :

SRI-SB-4(8-10)20170221

Tgt Ion:240 Resp: 481536

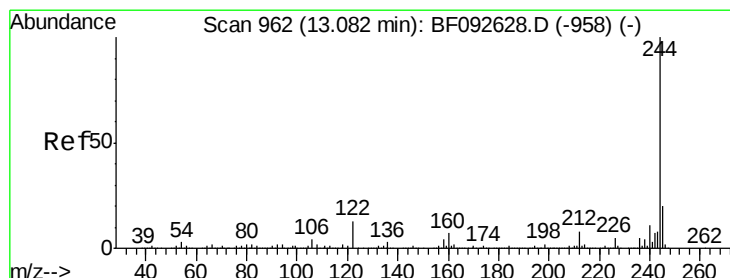
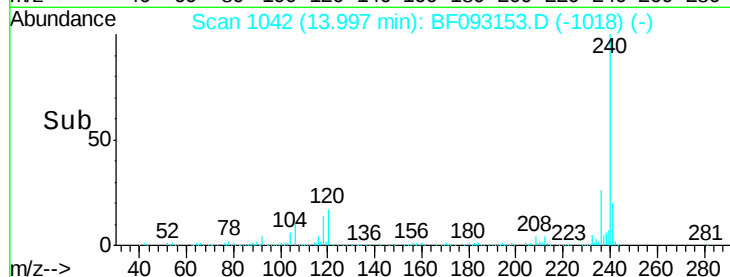
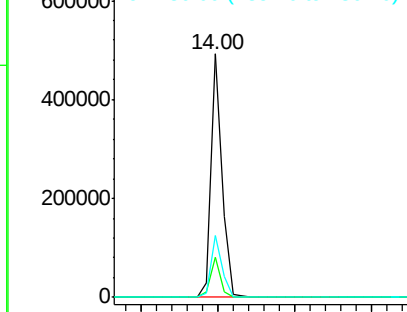
Ion	Ratio	Lower	Upper
240	100		
120	16.6	12.9	19.3
236	25.7	20.9	31.3



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: 74.64 ng

RT: 12.96 min Scan# 951

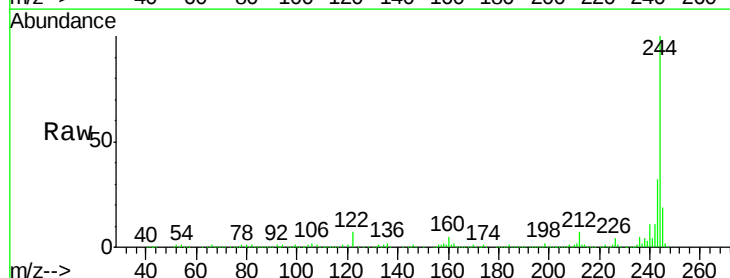
Delta R.T. -0.01 min

Lab File: BF093153.D

Acq: 24 Feb 2017 19:13

Tgt Ion:244 Resp: 1529642

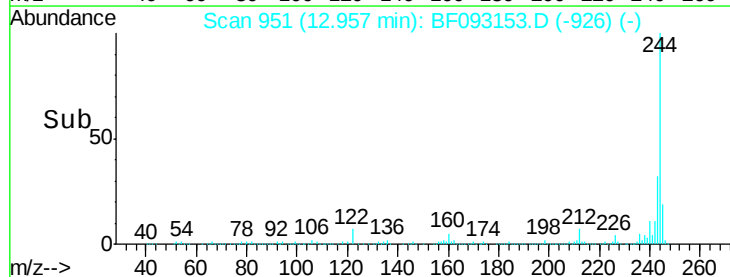
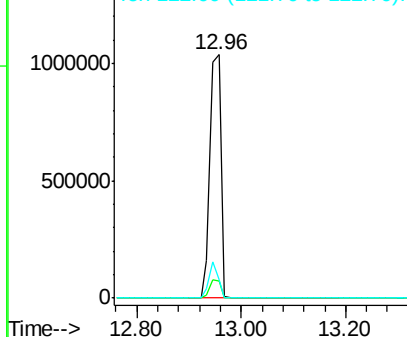
Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.2	9.2
122	7.4	11.4	17.2

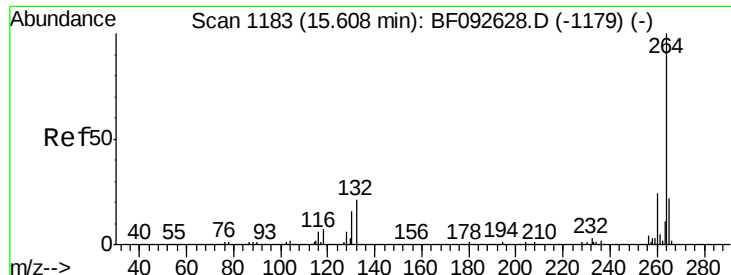


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

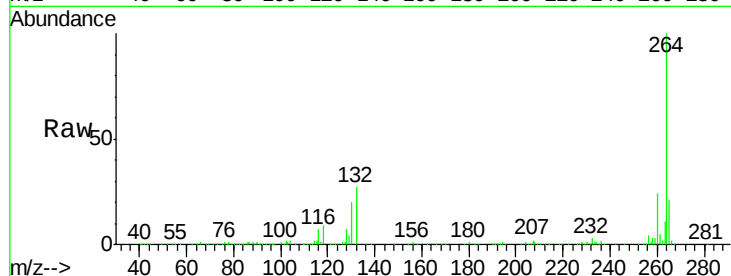




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1167
Delta R.T. -0.02 min
Lab File: BF093153.D
Acq: 24 Feb 2017 19:13

Instrument :
BNA_F
ClientSampleId :
SRI-SB-4(8-10)20170221

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.4	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

