

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030217\
 Data File : BF093350.D
 Acq On : 3 Mar 2017 9:16
 Operator : SJ/MA
 Sample : I2058-01
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DSN001

Quant Time: Mar 03 09:57:02 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

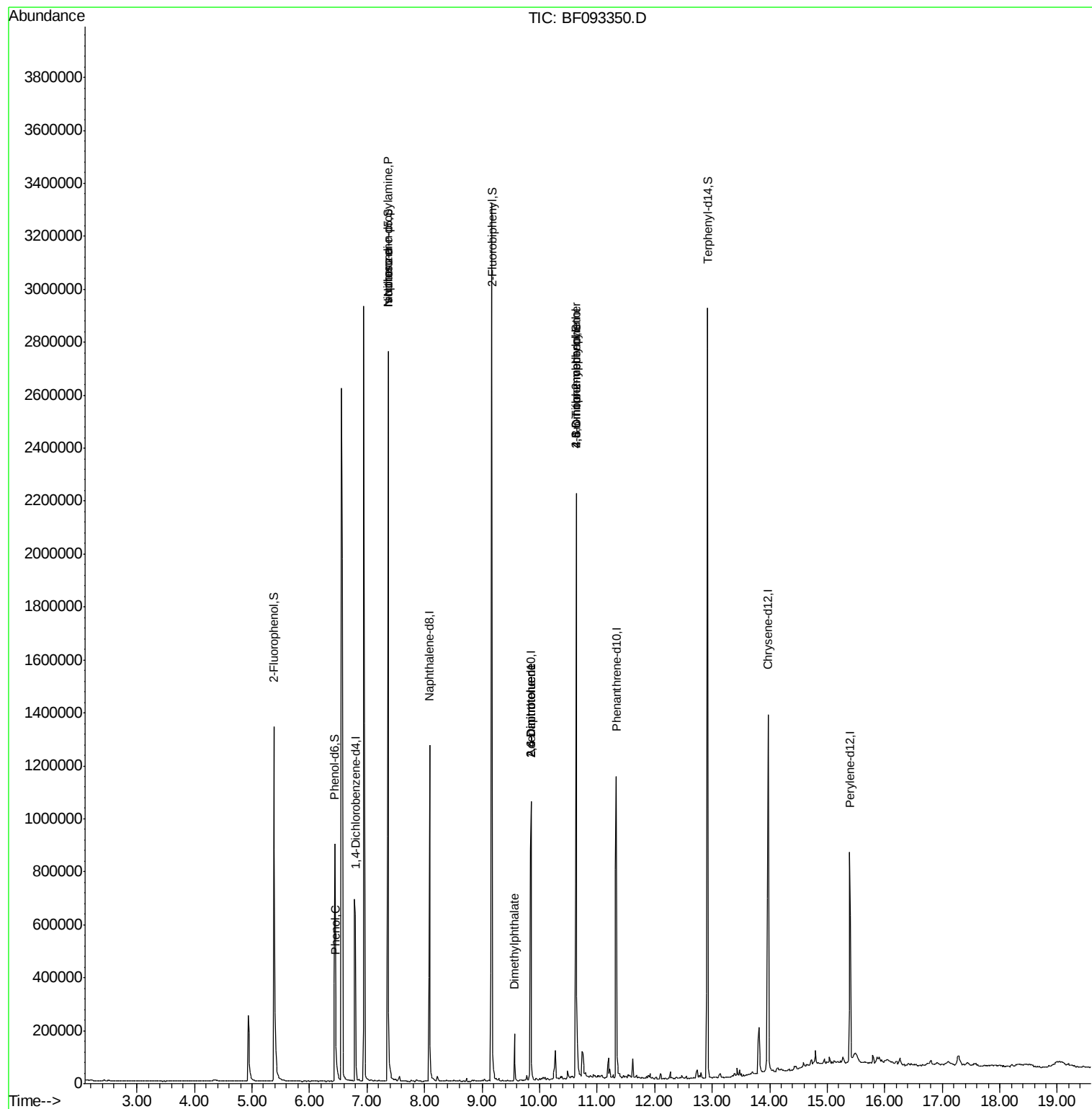
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	157331	20.00	ng	-0.06
21) Naphthalene-d8	8.09	136	627454	20.00	ng	-0.06
38) Acenaphthene-d10	9.85	164	291764	20.00	ng	-0.05
63) Phenanthrene-d10	11.33	188	561585	20.00	ng	-0.05
75) Chrysene-d12	13.97	240	533373	20.00	ng	-0.05
86) Perylene-d12	15.39	264	388605	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	529708	57.76	ng	-0.07
7) Phenol-d6	6.44	99	408162	34.59	ng	-0.05
23) Nitrobenzene-d5	7.37	82	976791	86.69	ng	-0.06
41) 2,4,6-Tribromophenol	10.64	330	247405	117.24	ng	-0.05
44) 2-Fluorobiphenyl	9.17	172	1616753	100.39	ng	-0.05
78) Terphenyl-d14	12.92	244	1384725	61.00	ng	-0.05
Target Compounds						
10) Phenol	6.45	94	48987	3.55	ng	# 75
19) n-Nitroso-di-n-propylamine	7.37	70	130377	17.36	ng	# 80
25) Isophorone	7.37	82	752583	35.84	ng	# 65
49) Dimethylphthalate	9.56	163	78735	4.01	ng	# 99
50) 2,6-Dinitrotoluene	9.85	165	36404	8.58	ng	# 32
56) 2,4-Dinitrotoluene	9.85	165	36405	6.44	ng	# 21
64) 4,6-Dinitro-2-methylphenol	10.64	198	627	2.84	ng	# 1
66) 4-Bromophenyl-phenylether	10.64	248	19056	3.25	ng	# 1

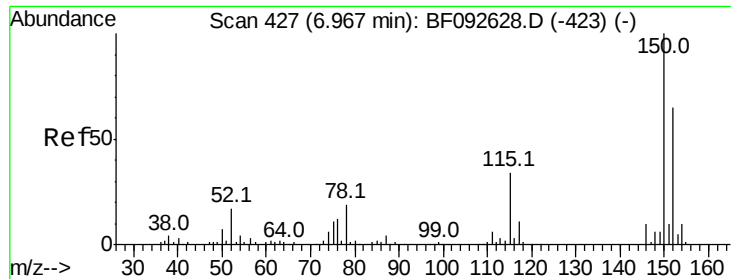
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 412

Delta R.T. -0.06 min

Lab File: BF093350.D

Acq: 3 Mar 2017 9:16

Instrument :

BNA_F

ClientSampled :

DSN001

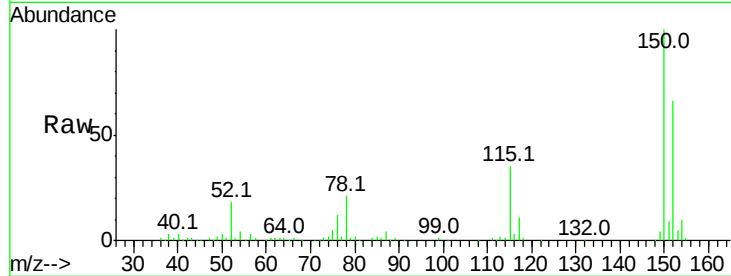
Tot Ion:152 Resp: 157331

Ion Ratio Lower Upper

152 100

150 150.7 124.9 187.3

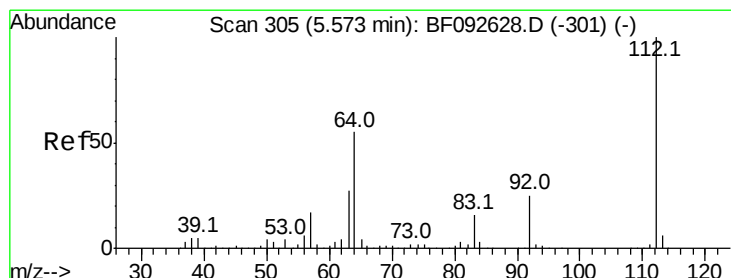
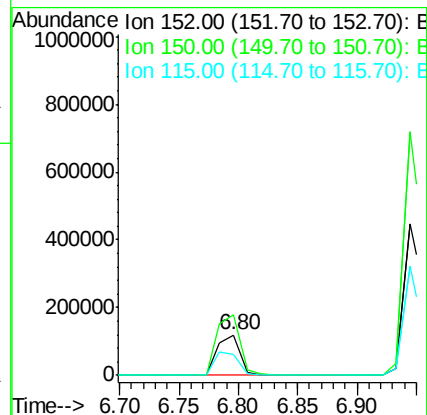
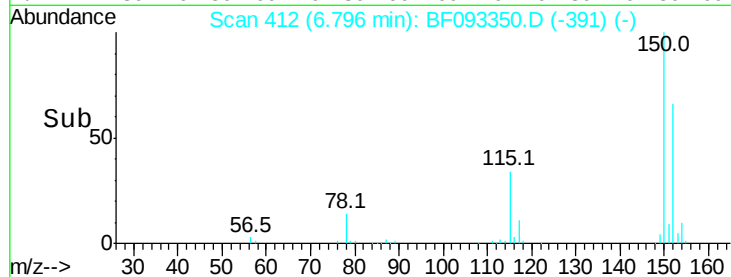
115 52.2 46.0 69.0



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: 57.76 ng

RT: 5.38 min Scan# 288

Delta R.T. -0.07 min

Lab File: BF093350.D

Acq: 3 Mar 2017 9:16

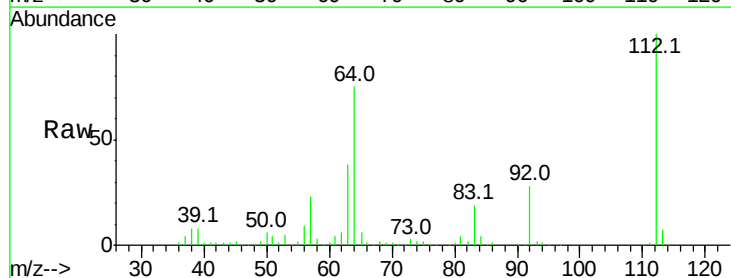
Tgt Ion:112 Resp: 529708

Ion Ratio Lower Upper

112 100

64 75.3 46.1 69.1#

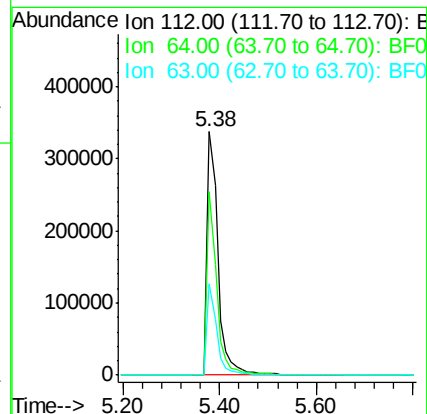
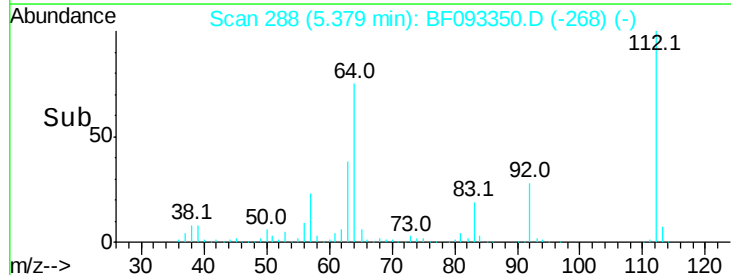
63 37.6 23.8 35.6#

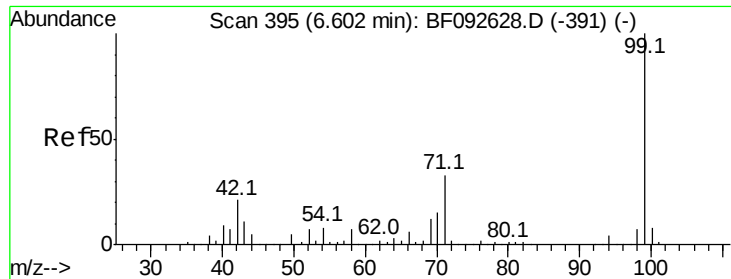


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 34.59 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.05 min

Lab File: BF093350.D

Acq: 3 Mar 2017 9:16

Instrument :

BNA_F

ClientSampleId :

DSN001

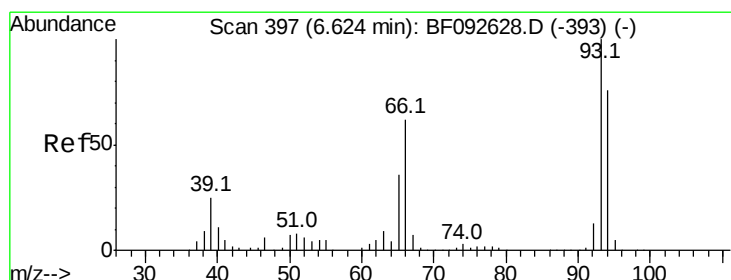
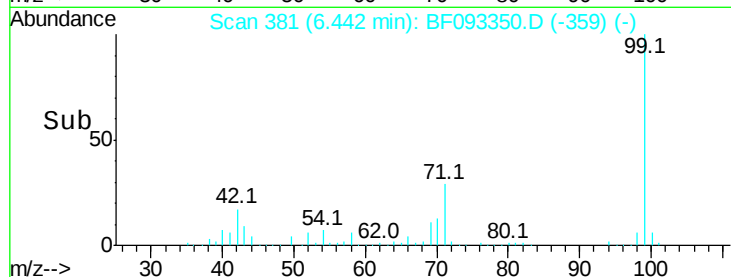
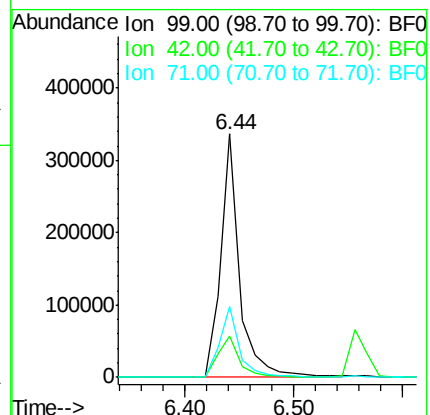
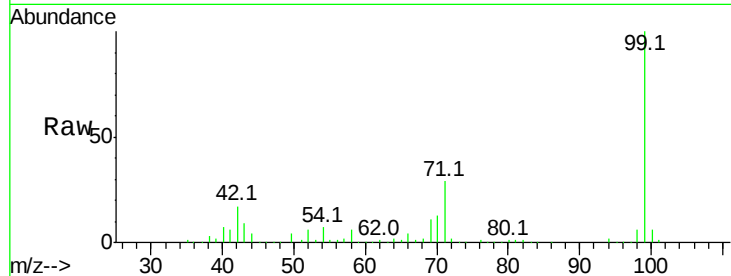
Tot Ion: 99 Resp: 408162

Ion Ratio Lower Upper

99 100

42 17.1 15.6 23.4

71 29.0 27.5 41.3



#10

Phenol

Concen: 3.55 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.06 min

Lab File: BF093350.D

Acq: 3 Mar 2017 9:16

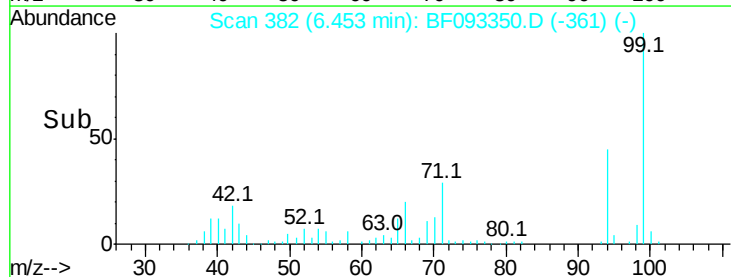
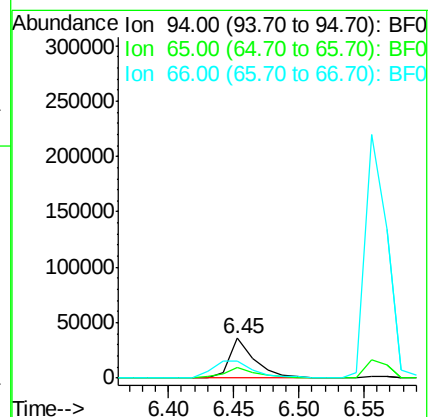
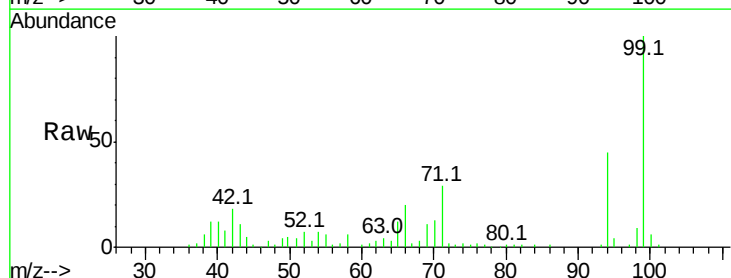
Tgt Ion: 94 Resp: 48987

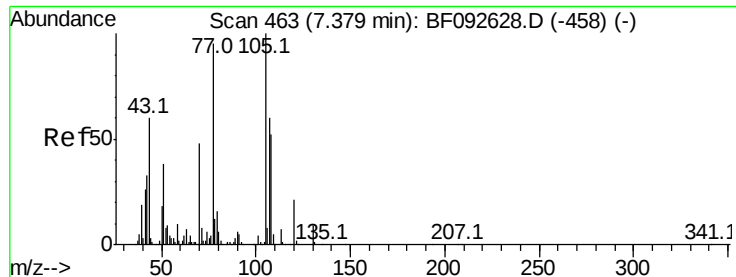
Ion Ratio Lower Upper

94 100

65 27.2 21.4 61.4

66 43.8 44.0 84.0#

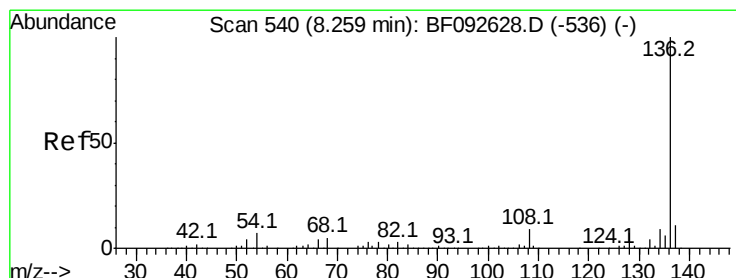
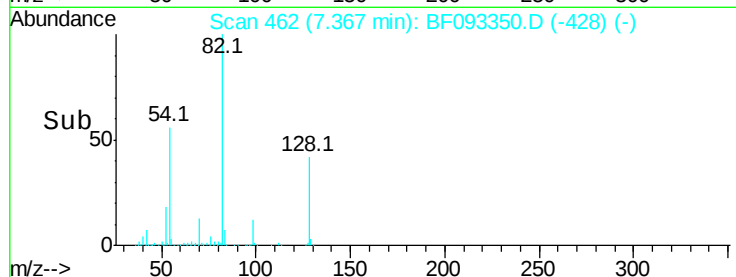
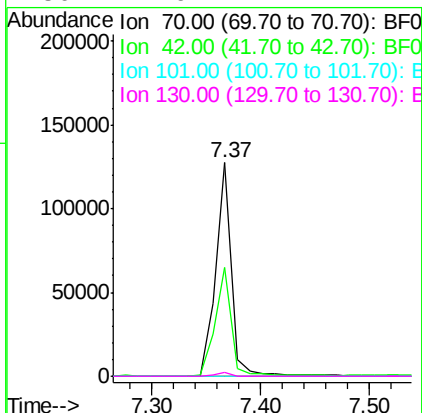
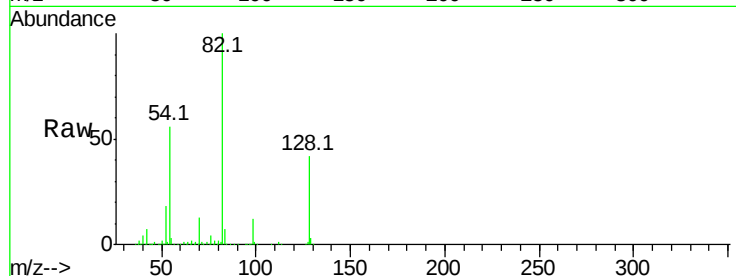




#19
n-Nitroso-di-n-propylamine
Concen: 17.36 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.09 min
Lab File: BF093350.D
Acq: 3 Mar 2017 9:16

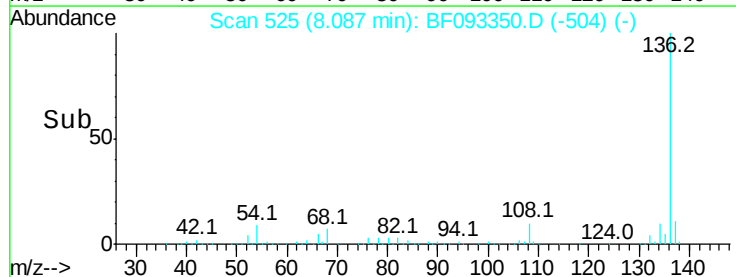
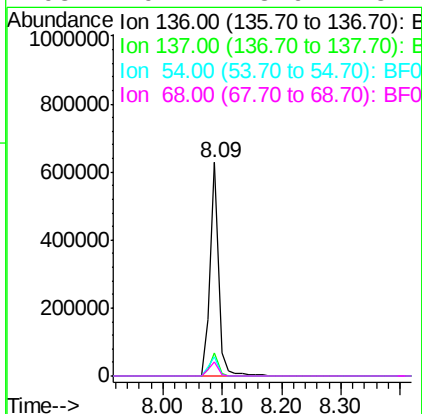
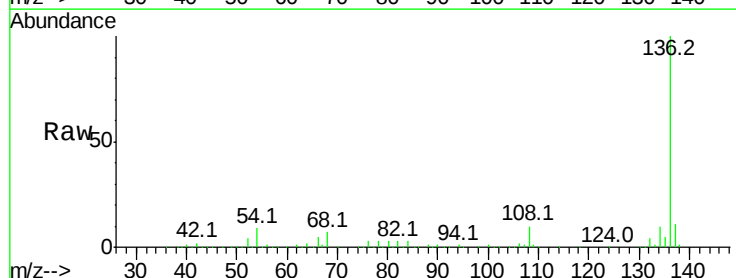
Instrument :
BNA_F
ClientSampleId :
DSN001

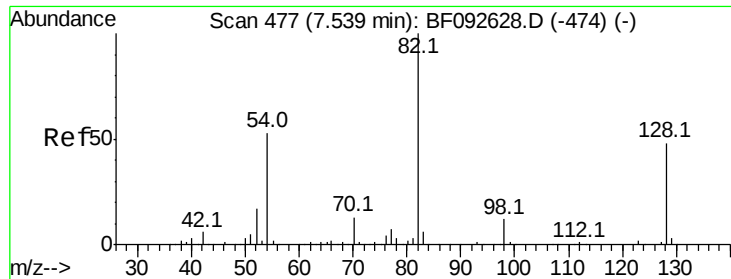
Tot Ion: 70 Resp: 130377
Ion Ratio Lower Upper
70 100
42 50.8 49.4 74.0
101 0.0 7.4 11.2#
130 1.9 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.06 min
Lab File: BF093350.D
Acq: 3 Mar 2017 9:16

Tgt Ion: 136 Resp: 627454
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 9.1 4.5 6.7#
68 6.7 3.6 5.4#

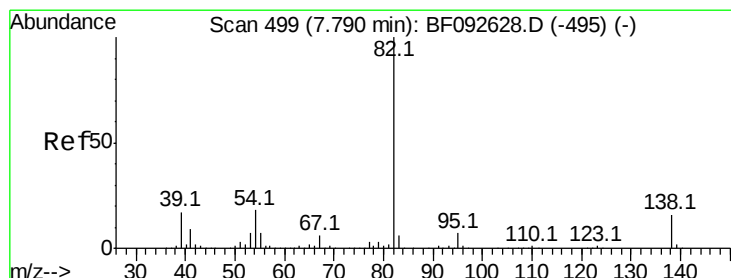
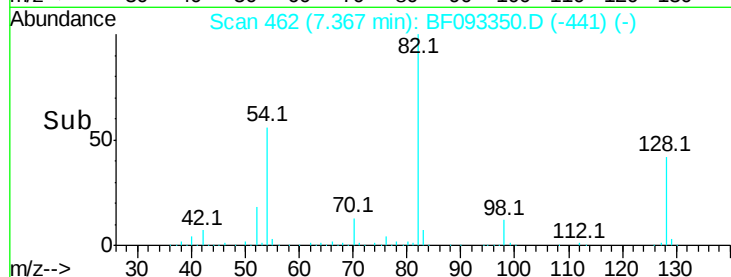
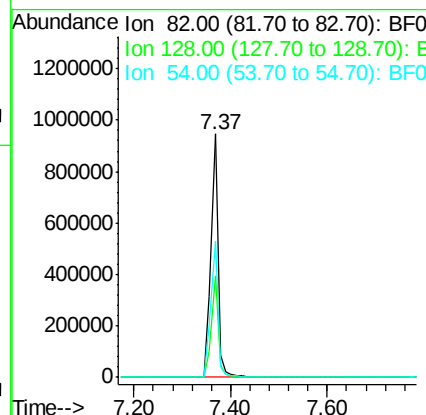
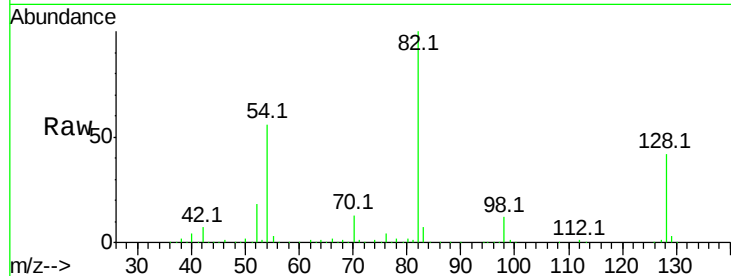




#23
 Nitrobenzene-d5
 Concen: 86.69 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.06 min
 Lab File: BF093350.D
 Acq: 3 Mar 2017 9:16

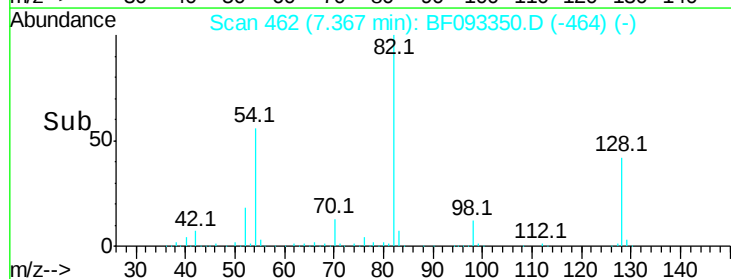
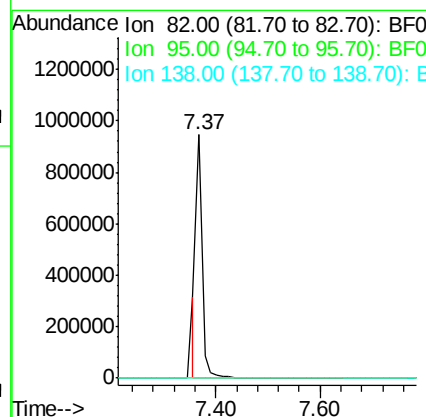
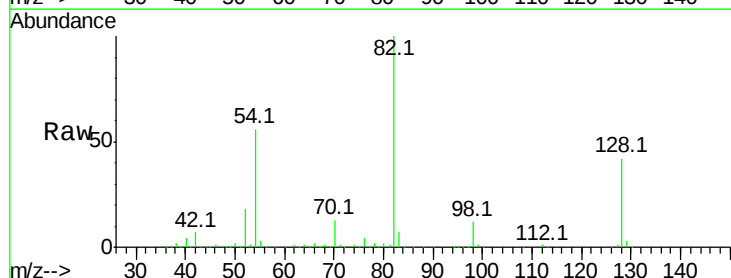
Instrument :
 BNA_F
 ClientSampleID :
 DSN001

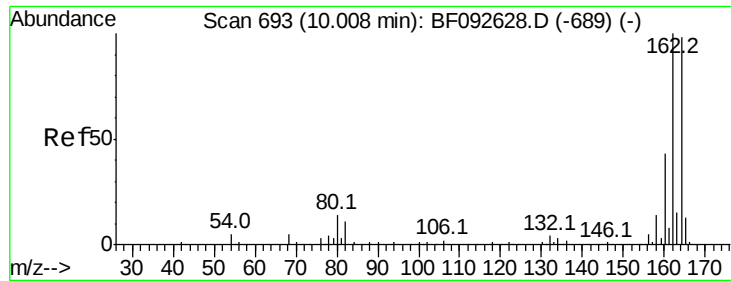
Tot Ion: 82 Resp: 976791
 Ion Ratio Lower Upper
 82 100
 128 41.9 34.6 52.0
 54 55.8 39.5 59.3



#25
 Isophorone
 Concen: 35.84 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.32 min
 Lab File: BF093350.D
 Acq: 3 Mar 2017 9:16

Tgt Ion: 82 Resp: 752583
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.6 8.4#
 138 0.0 14.6 22.0#

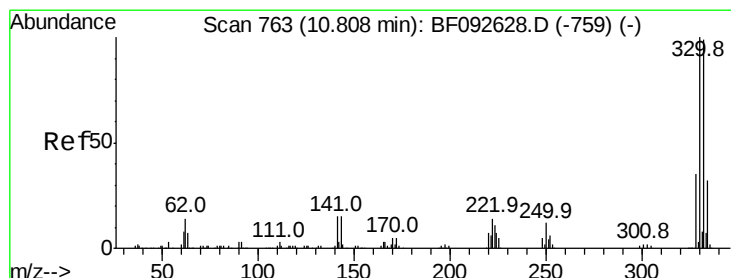
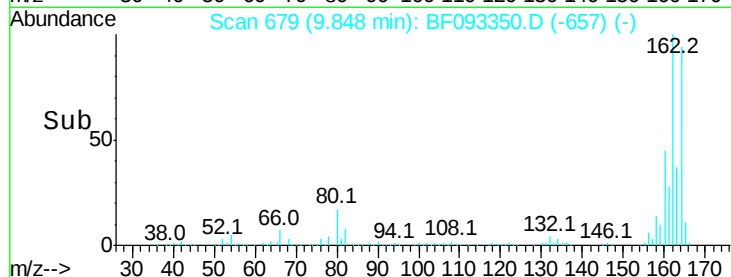
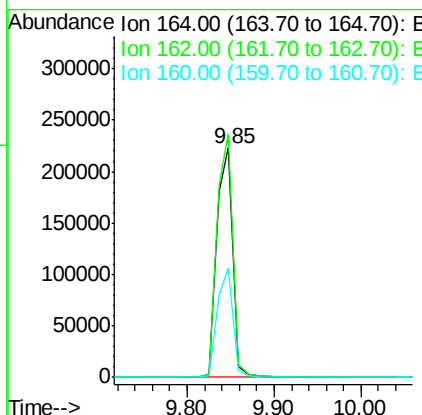
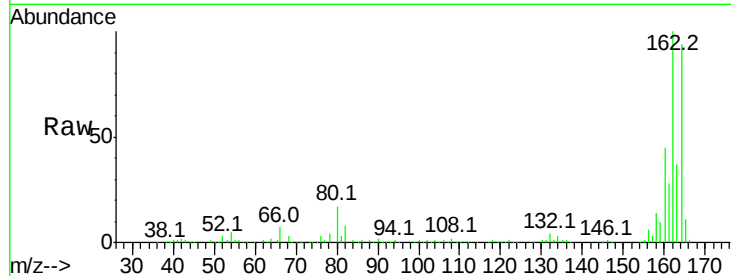




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.05 min
Lab File: BF093350.D
Acq: 3 Mar 2017 9:16

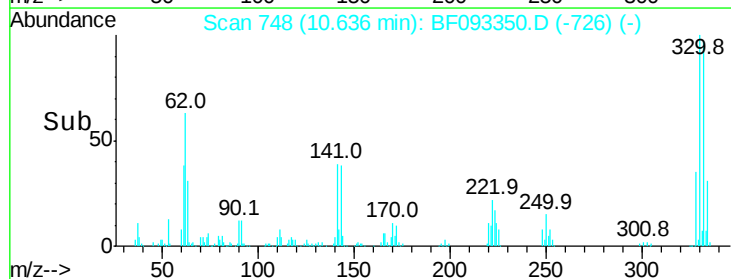
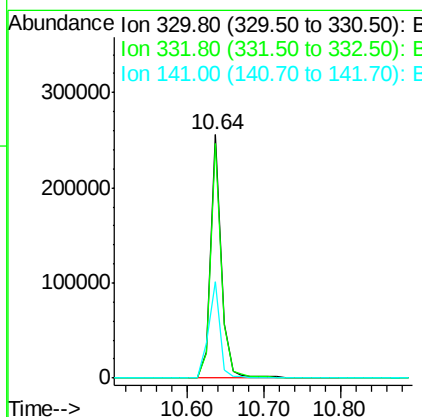
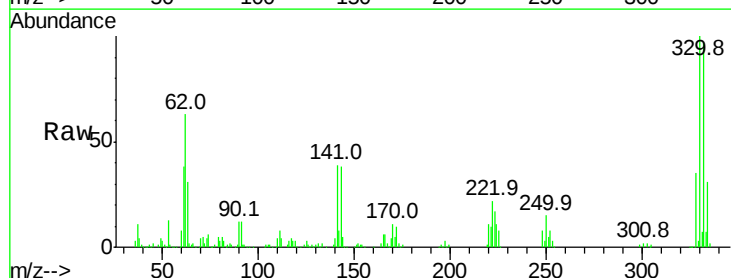
Instrument :
BNA_F
ClientSampleId :
DSN001

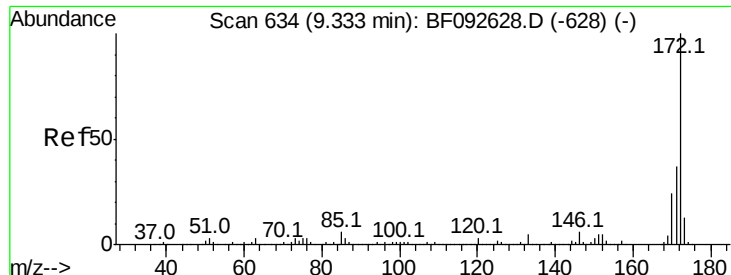
Tot Ion:164 Resp: 291764
Ion Ratio Lower Upper
164 100
162 106.4 80.2 120.2
160 47.8 36.9 55.3



#41
2,4,6-Tribromophenol
Concen: 117.24 ng
RT: 10.64 min Scan# 748
Delta R.T. -0.05 min
Lab File: BF093350.D
Acq: 3 Mar 2017 9:16

Tgt Ion:330 Resp: 247405
Ion Ratio Lower Upper
330 100
332 96.9 77.4 116.2
141 42.6 34.1 51.1



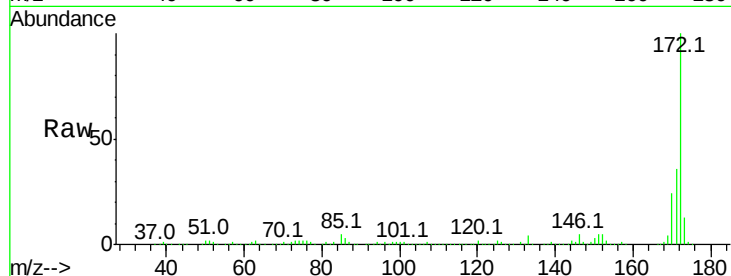


#44
 2-Fluorobiphenyl
 Concen: 100.39 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.05 min
 Lab File: BF093350.D
 Acq: 3 Mar 2017 9:16

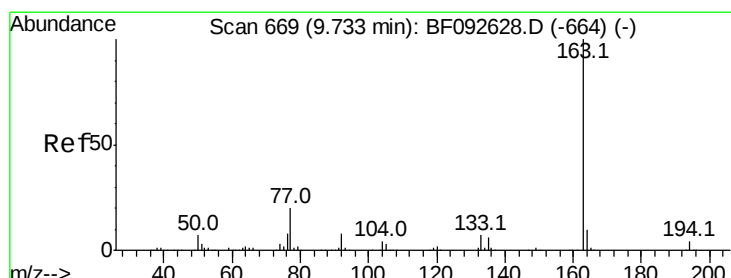
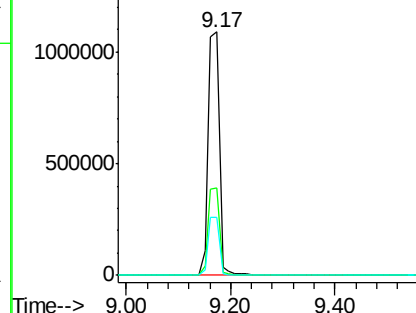
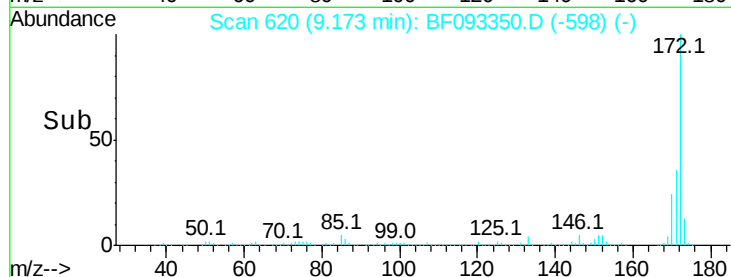
Instrument :
 BNA_F
 ClientSampleId :
 DSN001

Tot Ion:172 Resp: 1616753

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.4	44.0
170	24.1	20.2	30.4



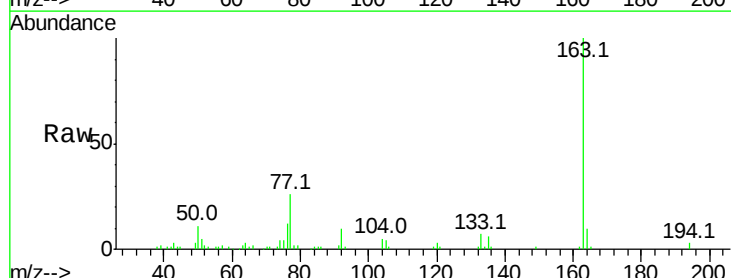
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



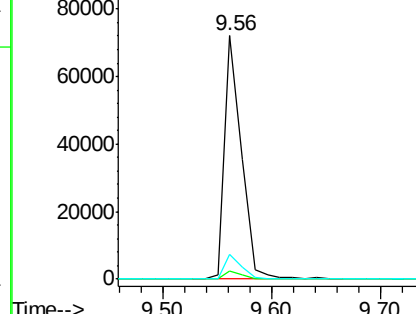
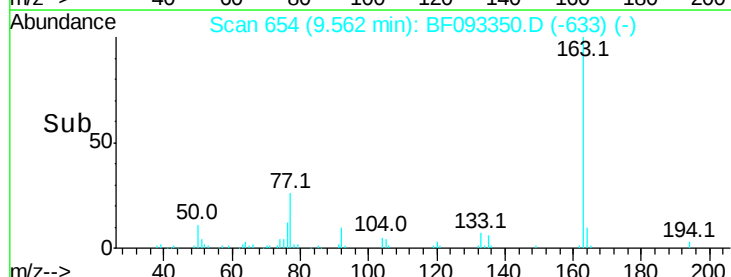
#49
 Dimethylphthalate
 Concen: 4.01 ng
 RT: 9.56 min Scan# 654
 Delta R.T. -0.06 min
 Lab File: BF093350.D
 Acq: 3 Mar 2017 9:16

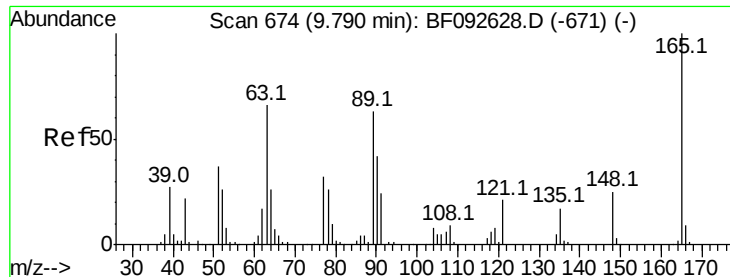
Tgt Ion:163 Resp: 78735

Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.0	4.4
164	10.1	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

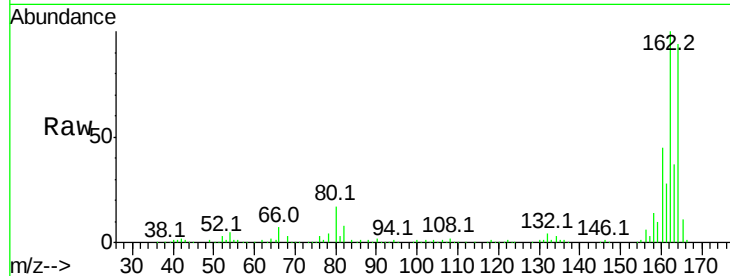




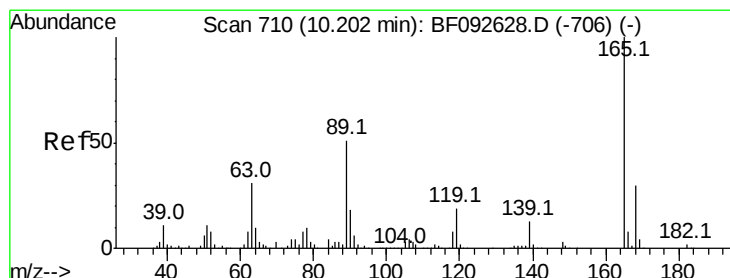
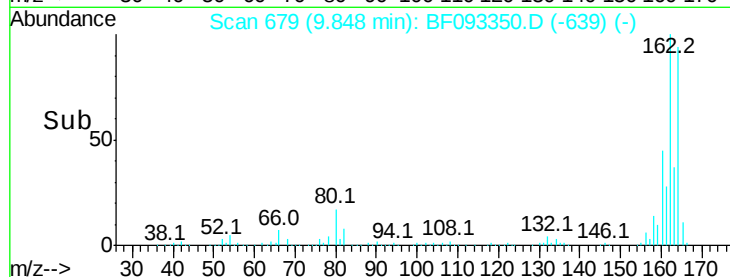
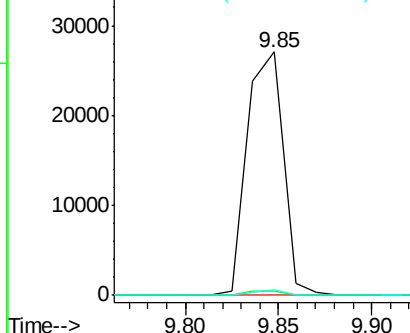
#50
 2,6-Dinitrotoluene
 Concen: 8.58 ng
 RT: 9.85 min Scan# 679
 Delta R.T. 0.16 min
 Lab File: BF093350.D
 Acq: 3 Mar 2017 9:16

Instrument :
 BNA_F
 ClientSampleId :
 DSN001

Tot Ion:165 Resp: 36404
 Ion Ratio Lower Upper
 165 100
 63 1.8 36.2 54.4#
 89 2.3 40.2 60.4#

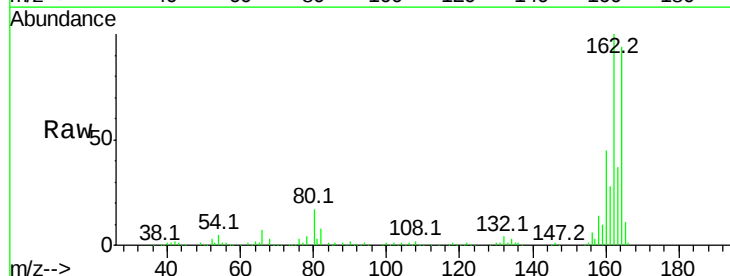


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

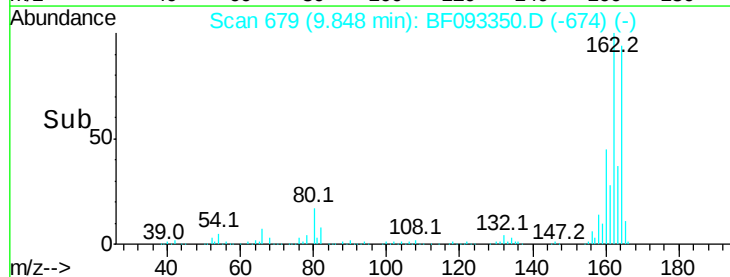
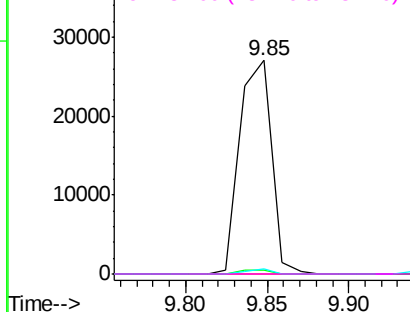


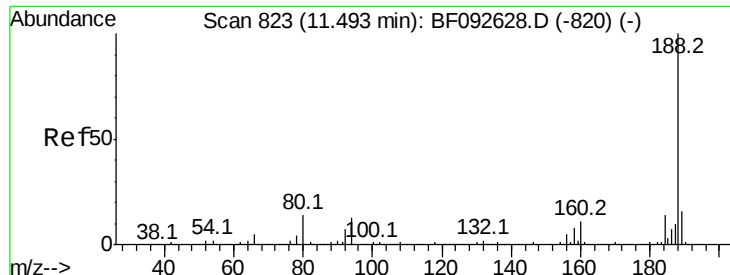
#56
 2,4-Dinitrotoluene
 Concen: 6.44 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.24 min
 Lab File: BF093350.D
 Acq: 3 Mar 2017 9:16

Tgt Ion:165 Resp: 36405
 Ion Ratio Lower Upper
 165 100
 63 1.8 40.2 60.4#
 89 2.3 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

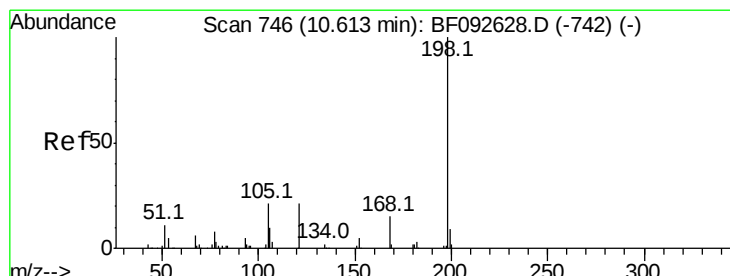
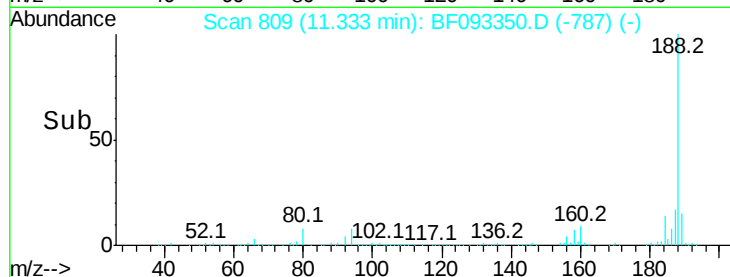
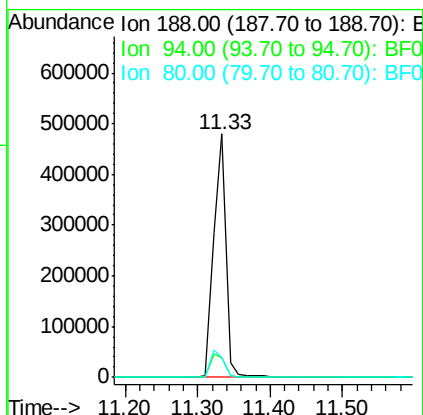
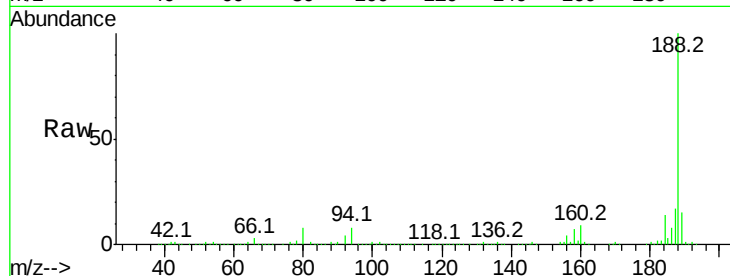




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.33 min Scan# 809
 Delta R.T. -0.05 min
 Lab File: BF093350.D
 Acq: 3 Mar 2017 9:16

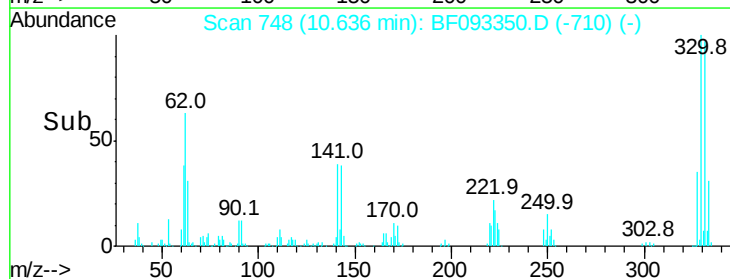
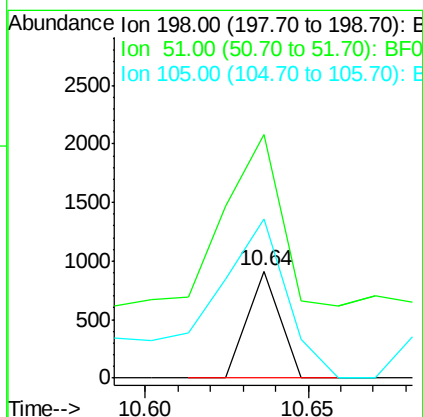
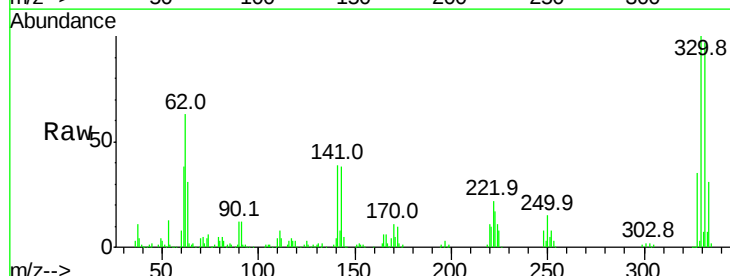
Instrument :
 BNA_F
 ClientSampleId :
 DSN001

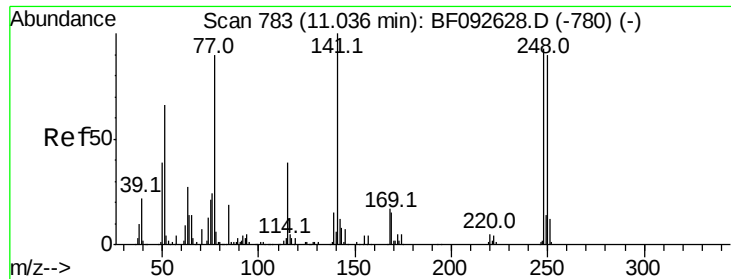
Tot Ion:188 Resp: 561585
 Ion Ratio Lower Upper
 188 100
 94 8.2 10.0 15.0#
 80 8.1 11.2 16.8#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.84 ng
 RT: 10.64 min Scan# 748
 Delta R.T. 0.14 min
 Lab File: BF093350.D
 Acq: 3 Mar 2017 9:16

Tgt Ion:198 Resp: 627
 Ion Ratio Lower Upper
 198 100
 51 227.2 6.7 46.7#
 105 148.6 16.6 56.6#





#66

4-Bromophenyl-phenylether

Concen: 3.25 ng

RT: 10.64 min Scan# 748

Delta R.T. -0.29 min

Lab File: BF093350.D

Acq: 3 Mar 2017 9:16

Instrument :

BNA_F

ClientSampleId :

DSN001

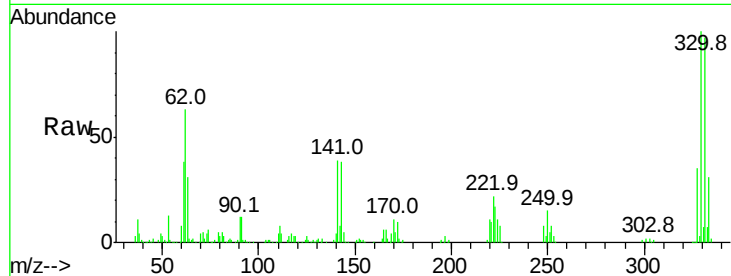
Tot Ion:248 Resp: 19056

Ion Ratio Lower Upper

248 100

250 187.3 76.9 115.3#

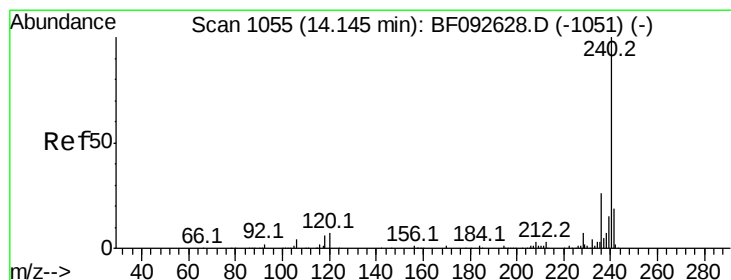
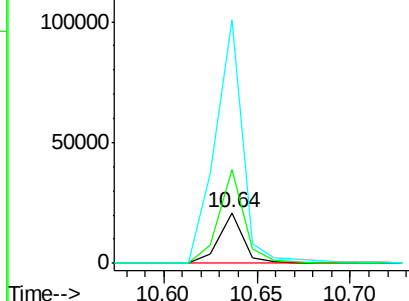
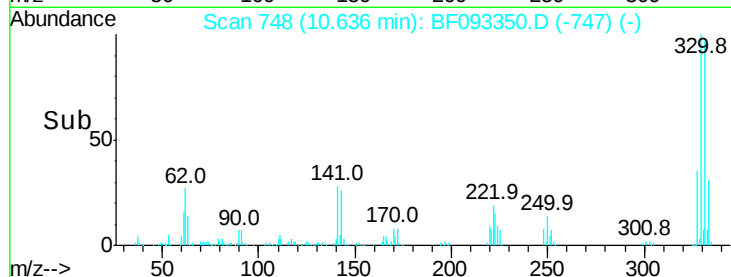
141 483.1 68.2 102.4#



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: 13.97 min Scan# 1040

Delta R.T. -0.05 min

Lab File: BF093350.D

Acq: 3 Mar 2017 9:16

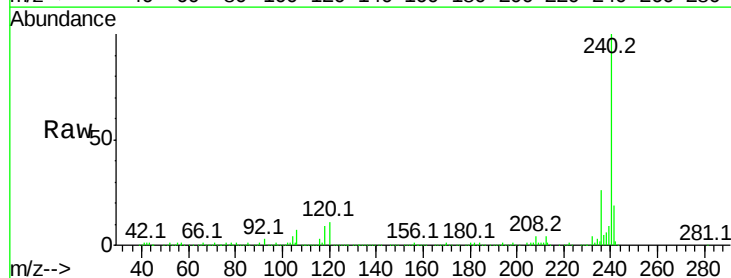
Tgt Ion:240 Resp: 533373

Ion Ratio Lower Upper

240 100

120 10.7 12.9 19.3#

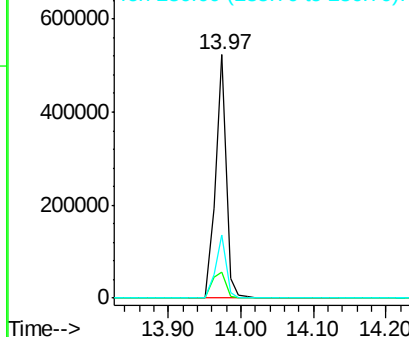
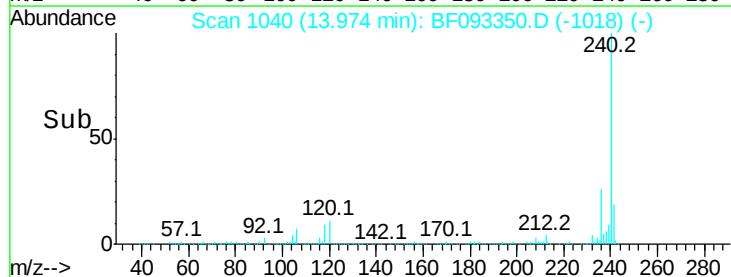
236 25.8 20.9 31.3

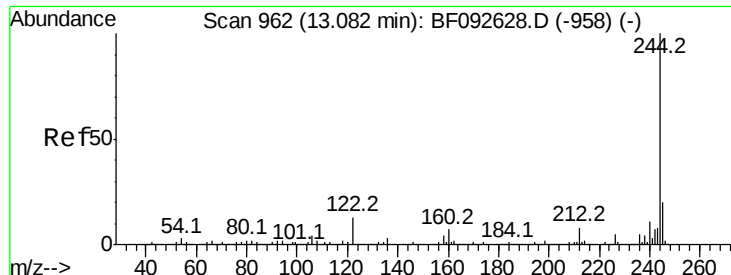


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 61.00 ng

RT: 12.92 min Scan# 948

Delta R.T. -0.05 min

Lab File: BF093350.D

Acq: 3 Mar 2017 9:16

Instrument :

BNA_F

ClientSampled :

DSN001

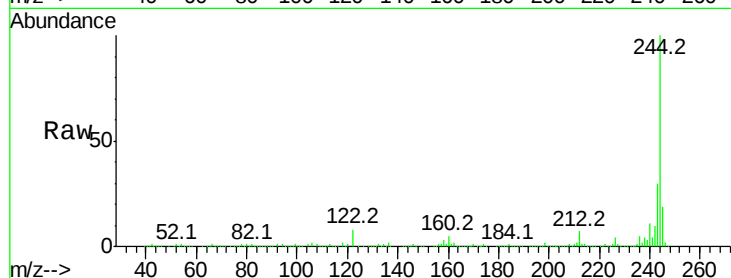
Tot Ion:244 Resp: 1384725

Ion Ratio Lower Upper

244 100

212 7.0 6.2 9.2

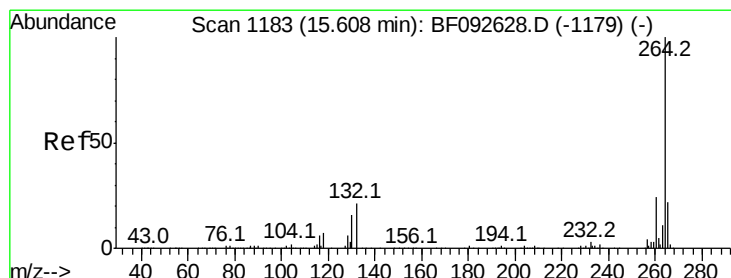
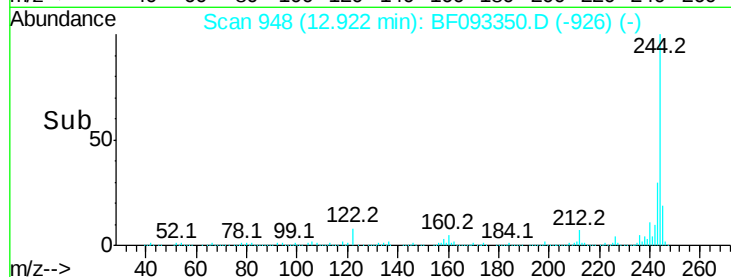
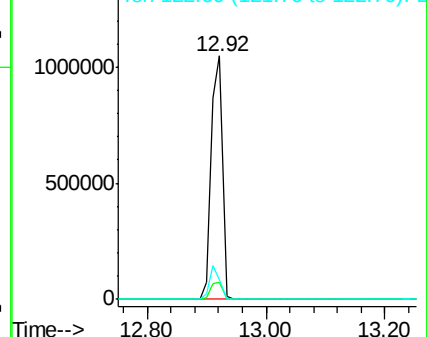
122 7.9 11.4 17.2#



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: 15.39 min Scan# 1164

Delta R.T. -0.06 min

Lab File: BF093350.D

Acq: 3 Mar 2017 9:16

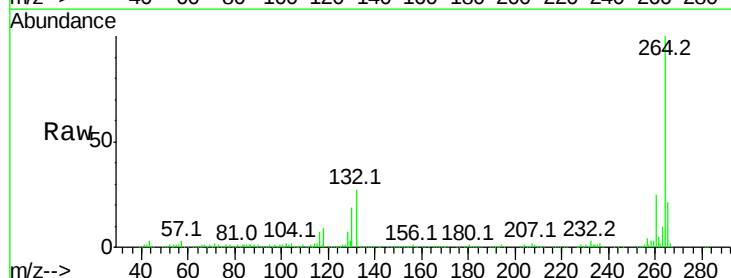
Tgt Ion:264 Resp: 388605

Ion Ratio Lower Upper

264 100

260 24.7 19.2 28.8

265 21.0 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

