

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022817\
 Data File : BF093243.D
 Acq On : 28 Feb 2017 12:45
 Operator : SJ/MA
 Sample : I2017-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 28 13:51:48 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

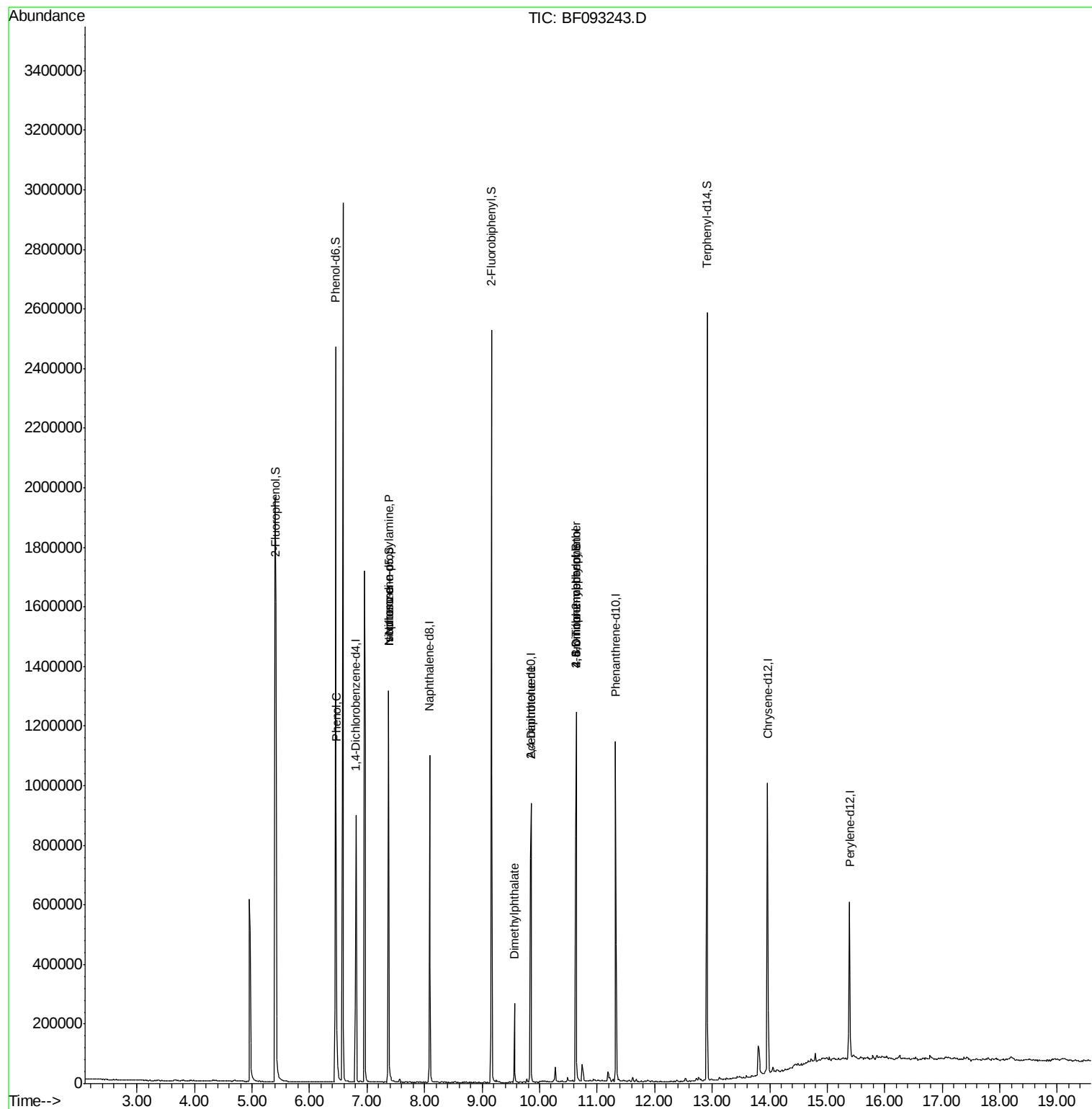
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	138196	20.00	ng	-0.05
21) Naphthalene-d8	8.09	136	525613	20.00	ng	-0.06
38) Acenaphthene-d10	9.85	164	253520	20.00	ng	-0.05
63) Phenanthrene-d10	11.32	188	449621	20.00	ng	-0.06
75) Chrysene-d12	13.96	240	319115	20.00	ng	-0.06
86) Perylene-d12	15.39	264	275336	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	779478	96.77	ng	-0.03
7) Phenol-d6	6.45	99	906484	87.46	ng	-0.03
23) Nitrobenzene-d5	7.38	82	607945	64.41	ng	-0.05
41) 2,4,6-Tribromophenol	10.64	330	177657	96.89	ng	-0.05
44) 2-Fluorobiphenyl	9.16	172	891644	63.72	ng	-0.06
78) Terphenyl-d14	12.91	244	771149	56.78	ng	-0.06
Target Compounds						
10) Phenol	6.46	94	67698	5.58	ng	Qvalue 91
19) n-Nitroso-di-n-propylamine	7.38	70	80402	12.19	ng	# 74
25) Isophorone	7.38	82	596697	33.93	ng	# 65
49) Dimethylphthalate	9.56	163	101146	5.92	ng	99
56) 2,4-Dinitrotoluene	9.85	165	30697	6.25	ng	# 21
64) 4,6-Dinitro-2-methylphenol	10.64	198	331	2.78	ng	# 1
66) 4-Bromophenyl-phenylether	10.64	248	12364	2.63	ng	# 1

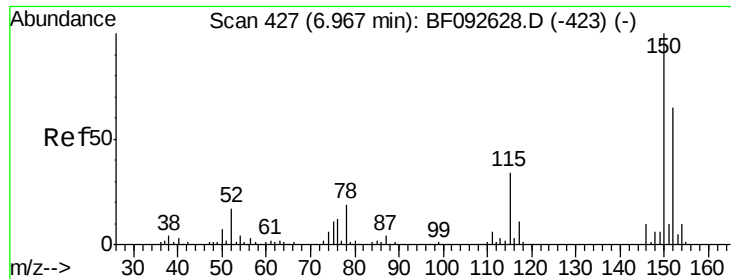
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022817\
Data File : BF093243.D
Acq On : 28 Feb 2017 12:45
Operator : SJ/MA
Sample : I2017-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Feb 28 13:51:48 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



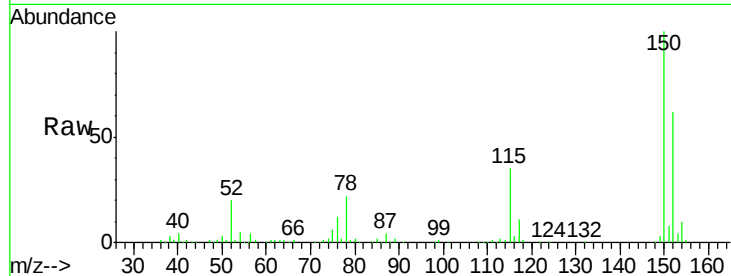


#1

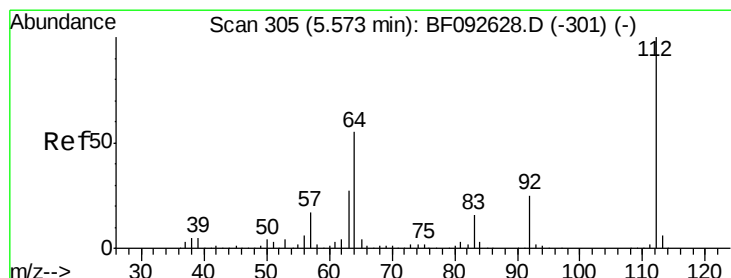
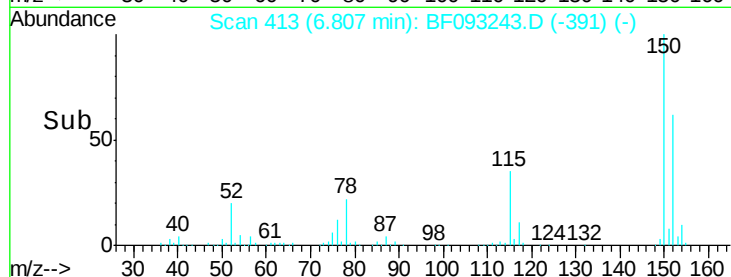
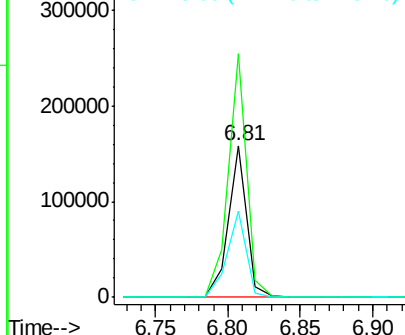
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. -0.05 min
Lab File: BF093243.D
Acq: 28 Feb 2017 12:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 138196
Ion Ratio Lower Upper
152 100
150 160.3 124.9 187.3
115 56.6 46.0 69.0



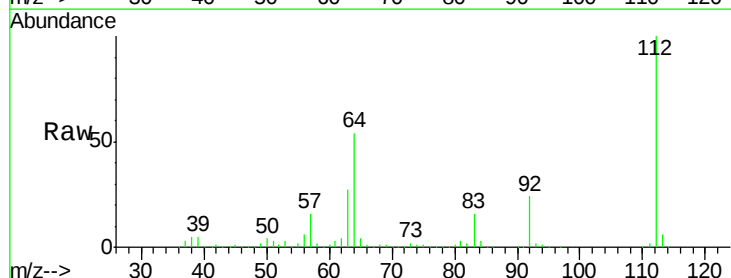
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



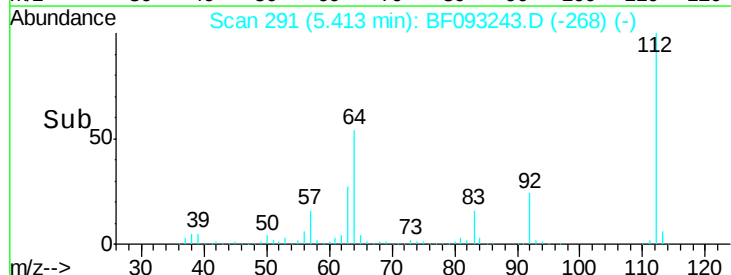
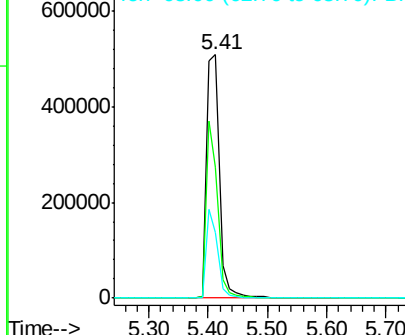
#5

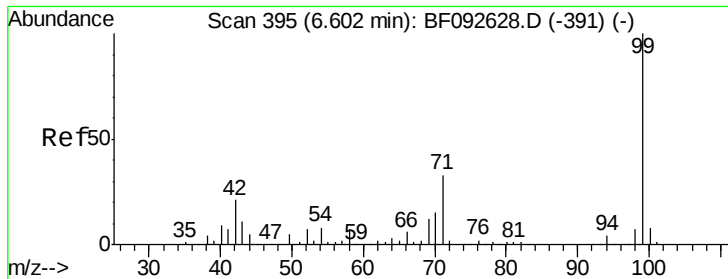
2-Fluorophenol
Concen: 96.77 ng
RT: 5.41 min Scan# 291
Delta R.T. -0.03 min
Lab File: BF093243.D
Acq: 28 Feb 2017 12:45

Tgt Ion:112 Resp: 779478
Ion Ratio Lower Upper
112 100
64 54.1 46.1 69.1
63 26.9 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: 87.46 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.03 min

Lab File: BF093243.D

Acq: 28 Feb 2017 12:45

Instrument :

BNA_F

ClientSampled :

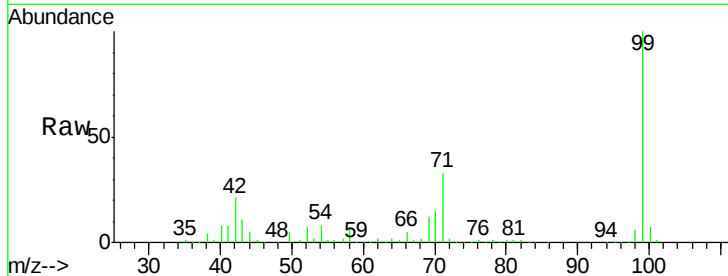
Tot Ion: 99 Resp: 906484

Ion Ratio Lower Upper

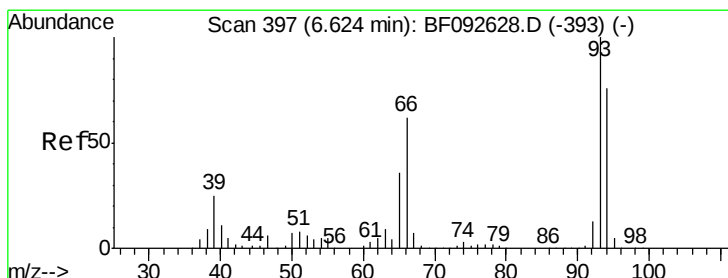
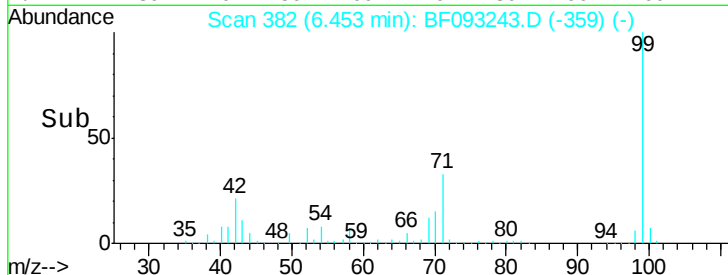
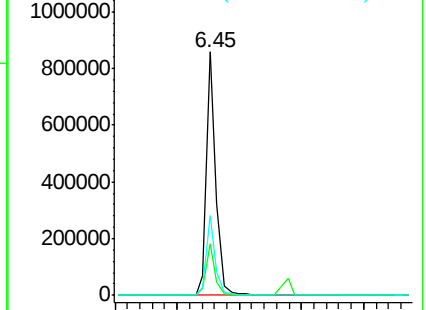
99 100

42 21.0 15.6 23.4

71 32.6 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: 5.58 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.05 min

Lab File: BF093243.D

Acq: 28 Feb 2017 12:45

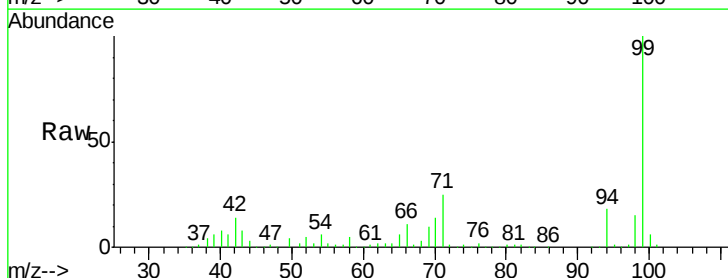
Tgt Ion: 94 Resp: 67698

Ion Ratio Lower Upper

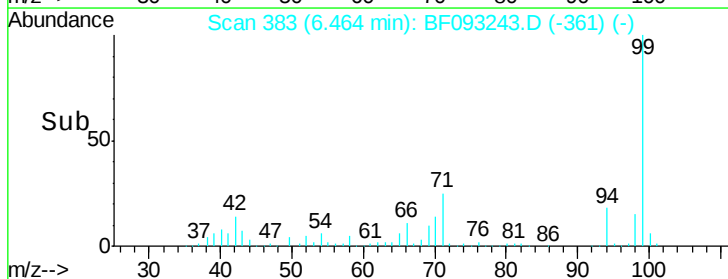
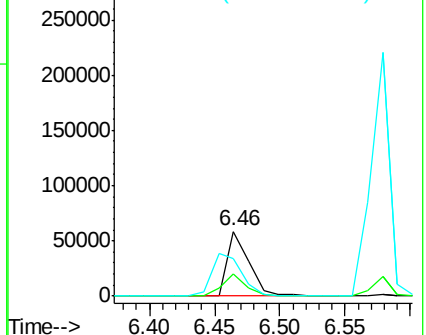
94 100

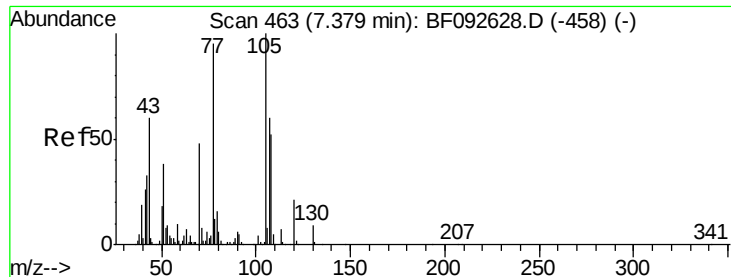
65 34.7 21.4 61.4

66 58.4 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

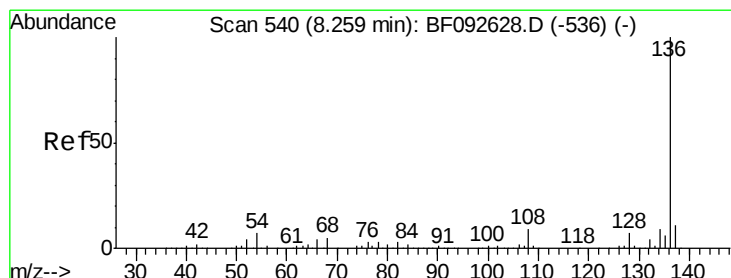
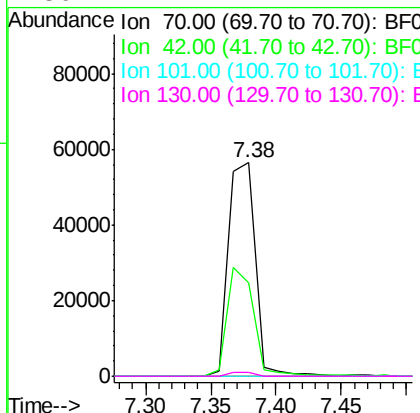
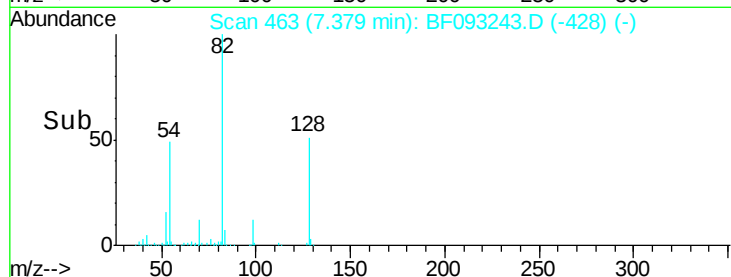
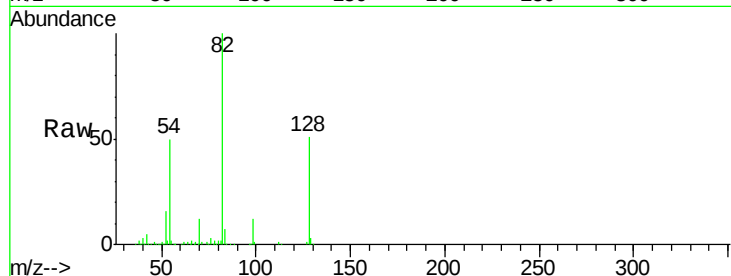




#19
n-Nitroso-di-n-propylamine
Concen: 12.19 ng
RT: 7.38 min Scan# 463
Delta R.T. 0.10 min
Lab File: BF093243.D
Acq: 28 Feb 2017 12:45

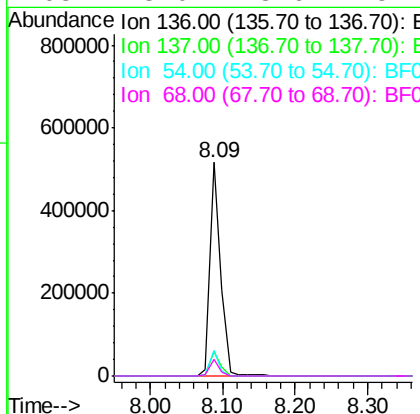
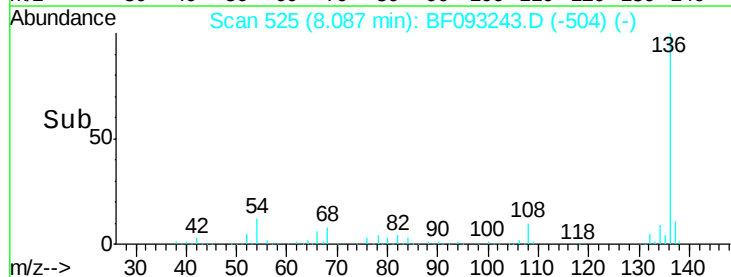
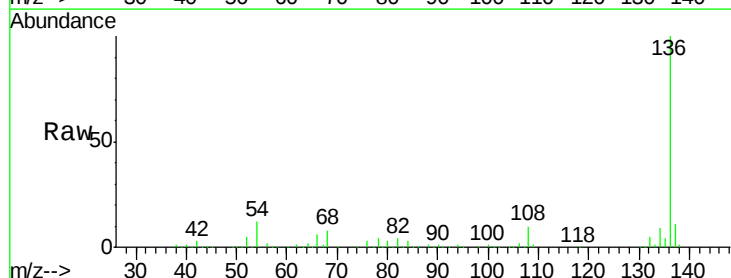
Instrument :
BNA_F
ClientSampleId :

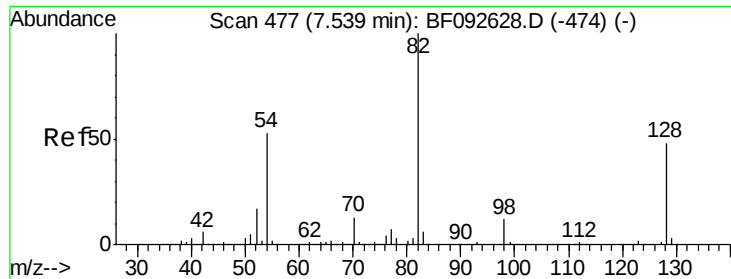
Tot Ion: 70 Resp: 80402
Ion Ratio Lower Upper
70 100
42 43.9 49.4 74.0#
101 0.0 7.4 11.2#
130 2.1 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.06 min
Lab File: BF093243.D
Acq: 28 Feb 2017 12:45

Tgt Ion:136 Resp: 525613
Ion Ratio Lower Upper
136 100
137 11.3 8.4 12.6
54 11.7 4.5 6.7#
68 8.0 3.6 5.4#

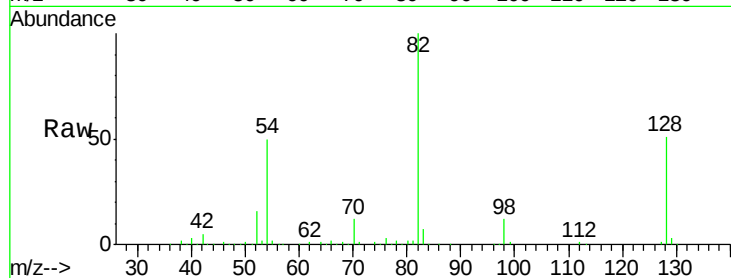




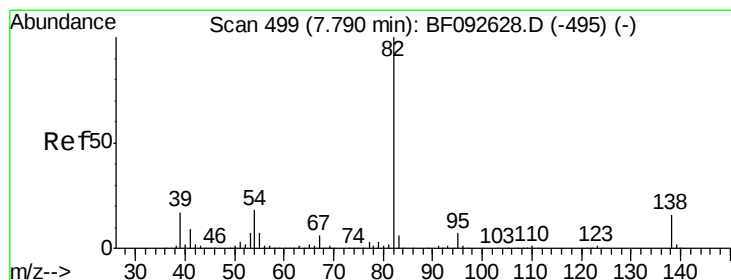
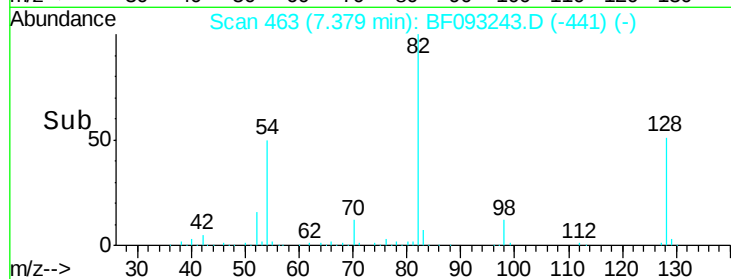
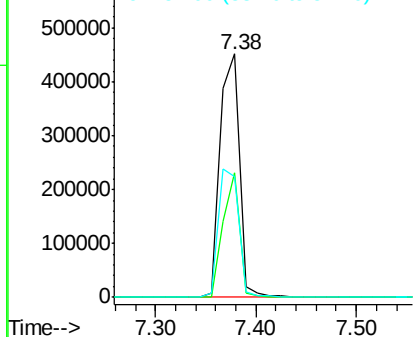
#23
 Nitrobenzene-d5
 Concen: 64.41 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.05 min
 Lab File: BF093243.D
 Acq: 28 Feb 2017 12:45

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 607945
 Ion Ratio Lower Upper
 82 100
 128 51.0 34.6 52.0
 54 49.6 39.5 59.3

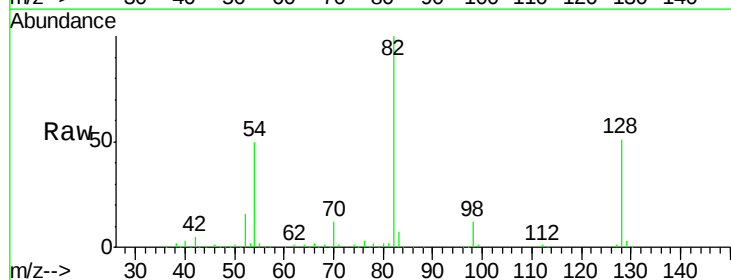


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

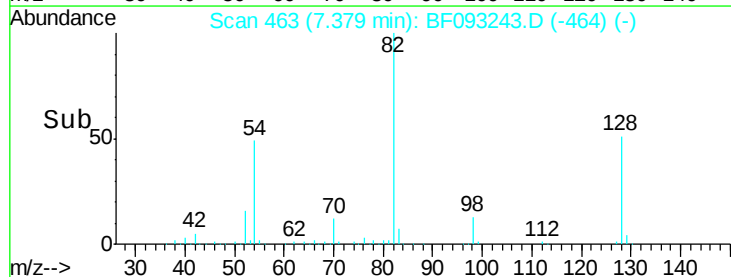
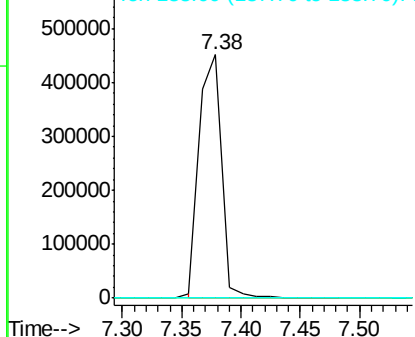


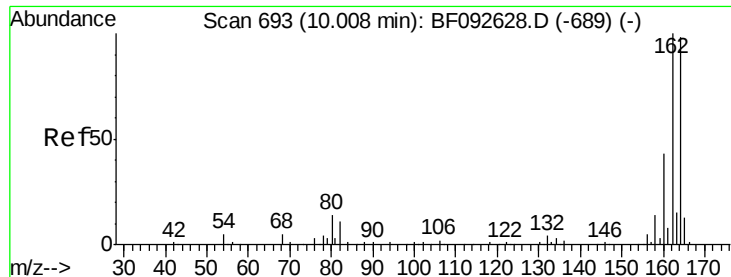
#25
 Isophorone
 Concen: 33.93 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.31 min
 Lab File: BF093243.D
 Acq: 28 Feb 2017 12:45

Tgt Ion: 82 Resp: 596697
 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: 9.85 min Scan# 679

Delta R.T. -0.05 min

Lab File: BF093243.D

Acq: 28 Feb 2017 12:45

Instrument :

BNA_F

ClientSampled :

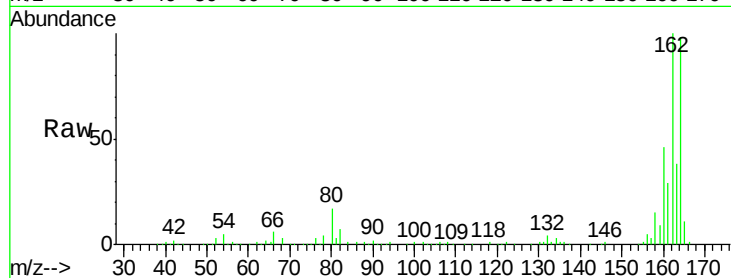
Tot Ion:164 Resp: 253520

Ion Ratio Lower Upper

164 100

162 102.1 80.2 120.2

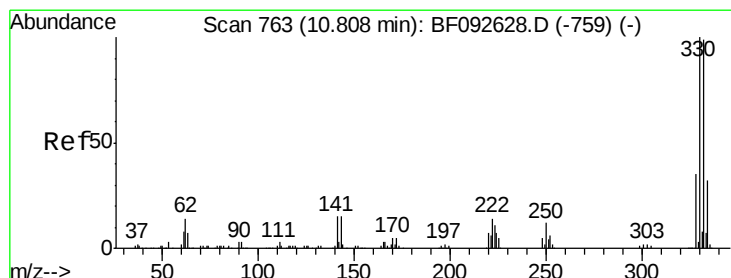
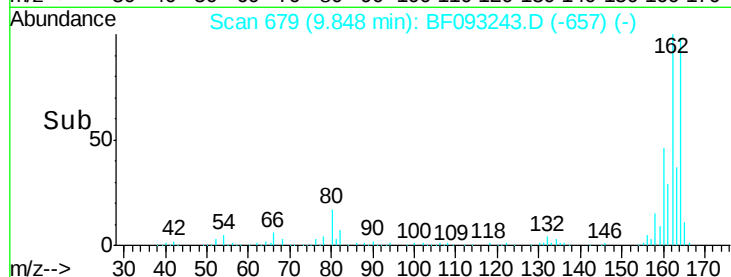
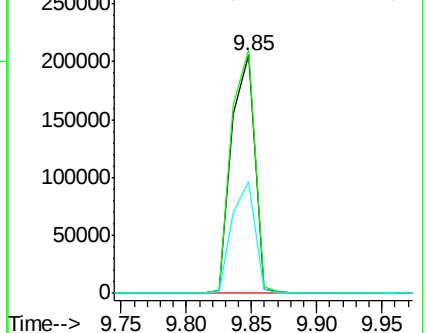
160 46.7 36.9 55.3



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: 96.89 ng

RT: 10.64 min Scan# 748

Delta R.T. -0.05 min

Lab File: BF093243.D

Acq: 28 Feb 2017 12:45

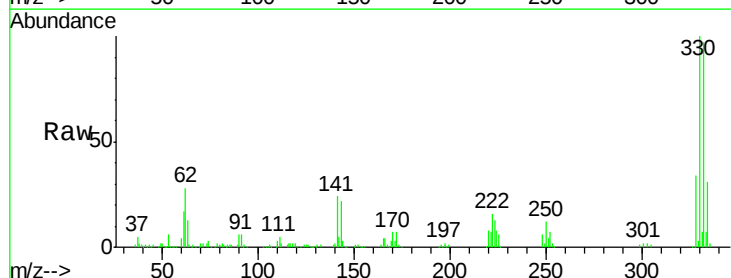
Tgt Ion:330 Resp: 177657

Ion Ratio Lower Upper

330 100

332 96.8 77.4 116.2

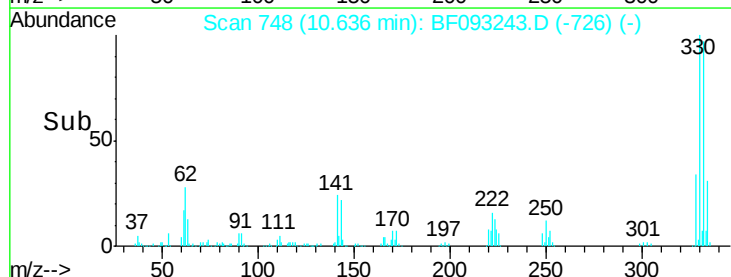
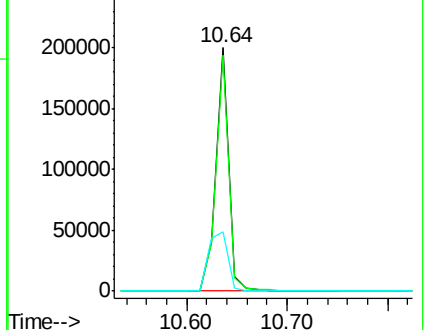
141 37.3 34.1 51.1

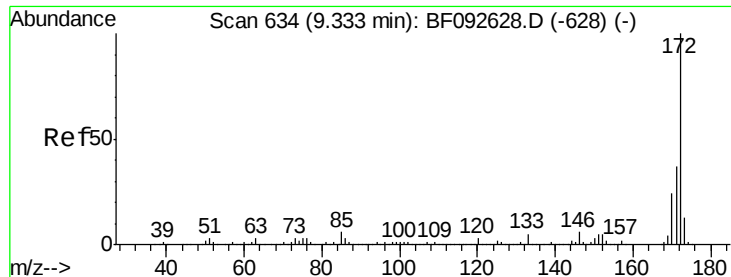


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

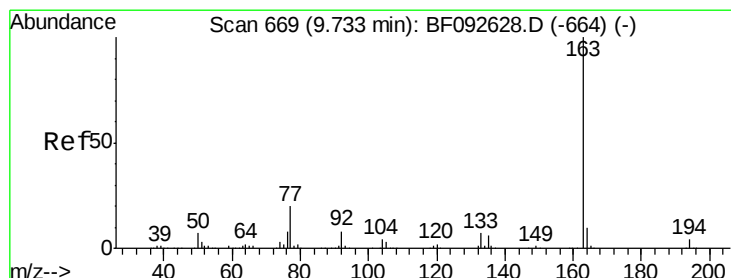
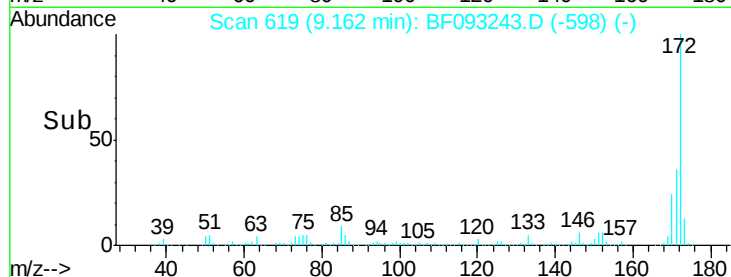
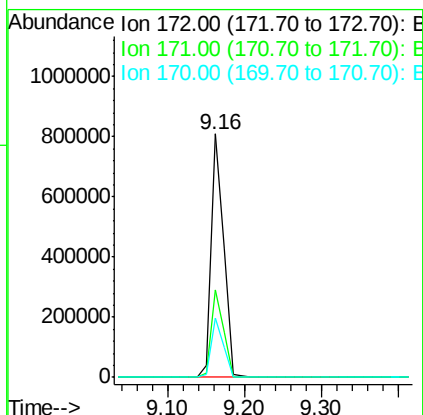
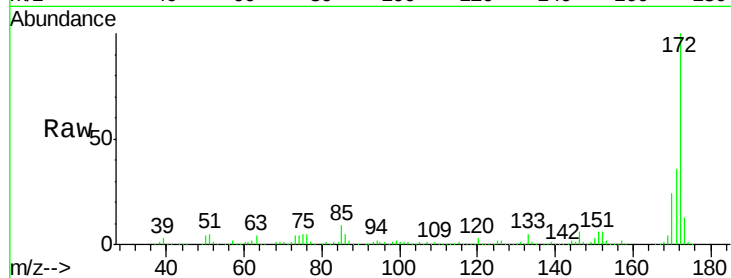




#44
 2-Fluorobiphenyl
 Concen: 63.72 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.06 min
 Lab File: BF093243.D
 Acq: 28 Feb 2017 12:45

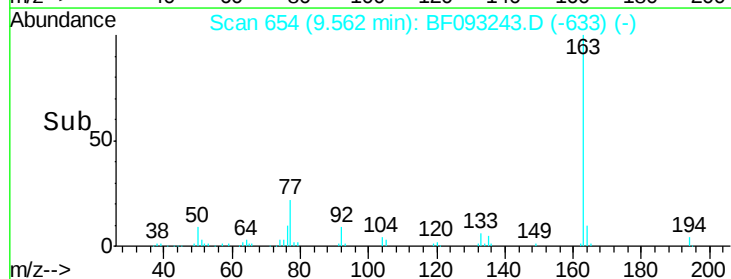
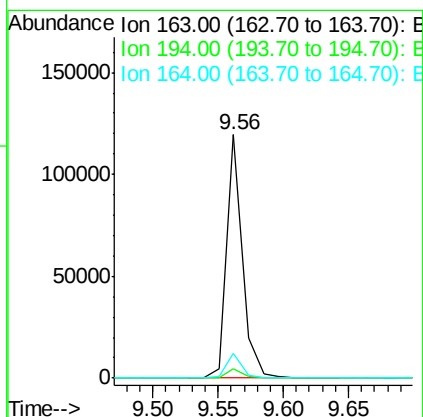
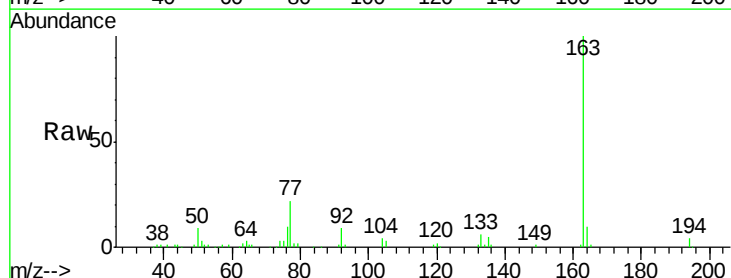
Instrument :
 BNA_F
 ClientSampleId :

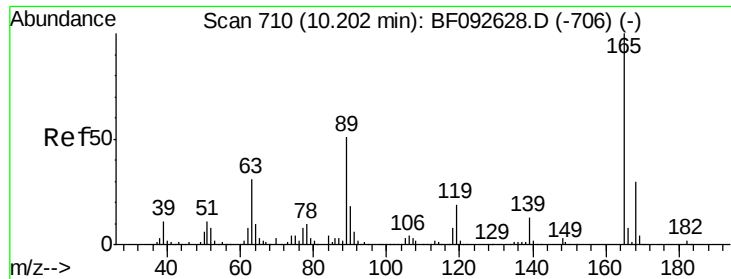
Tot Ion:172 Resp: 891644
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.4 44.0
 170 24.2 20.2 30.4



#49
 Dimethylphthalate
 Concen: 5.92 ng
 RT: 9.56 min Scan# 654
 Delta R.T. -0.06 min
 Lab File: BF093243.D
 Acq: 28 Feb 2017 12:45

Tgt Ion:163 Resp: 101146
 Ion Ratio Lower Upper
 163 100
 194 3.6 3.0 4.4
 164 10.2 8.0 12.0

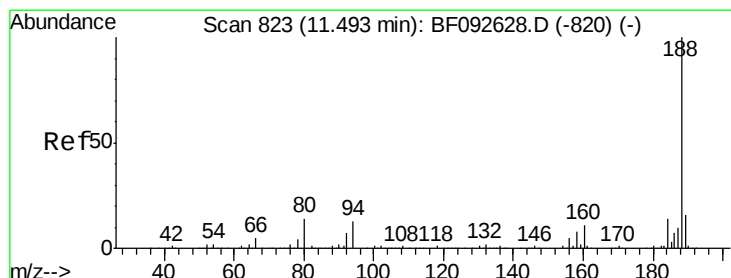
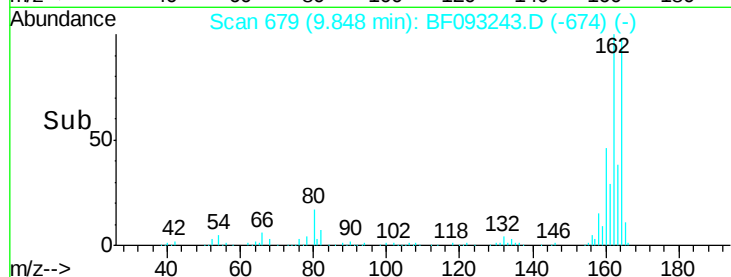
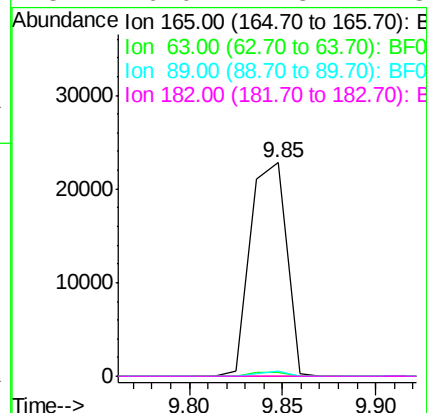
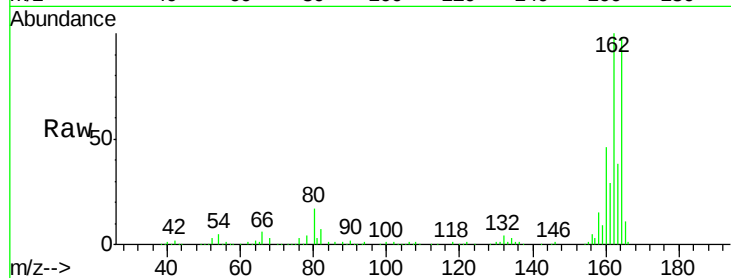




#56
 2,4-Dinitrotoluene
 Concen: 6.25 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.24 min
 Lab File: BF093243.D
 Acq: 28 Feb 2017 12:45

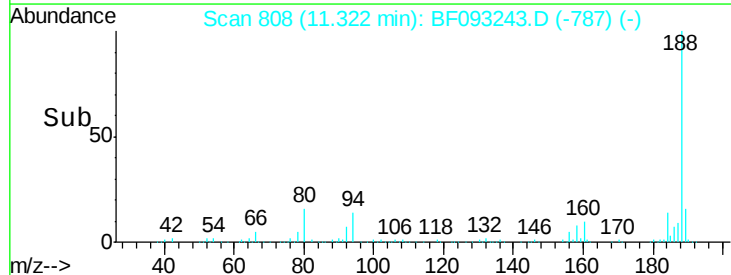
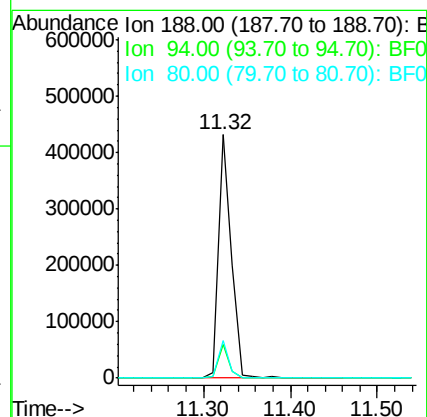
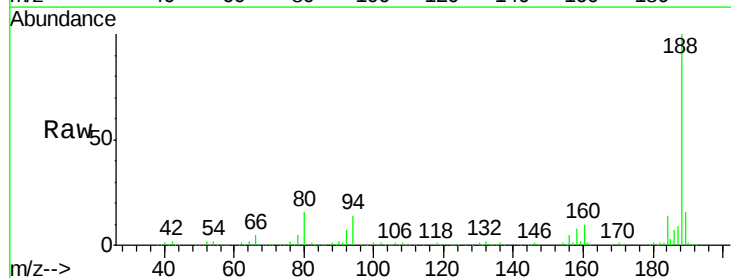
Instrument :
 BNA_F
 ClientSampleId :

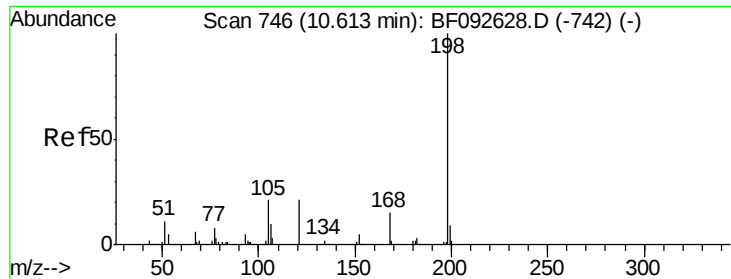
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.0	40.2	60.4#
89	2.1	62.5	93.7#
182	0.0	1.8	2.8#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 808
 Delta R.T. -0.06 min
 Lab File: BF093243.D
 Acq: 28 Feb 2017 12:45

Tgt Ion	Ratio	Lower	Upper
188	100		
94	14.0	10.0	15.0
80	15.6	11.2	16.8





#64

4,6-Dinitro-2-methylphenol

Concen: 2.78 ng

RT: 10.64 min Scan# 748

Delta R.T. 0.14 min

Lab File: BF093243.D

Acq: 28 Feb 2017 12:45

Instrument :

BNA_F

ClientSampleId :

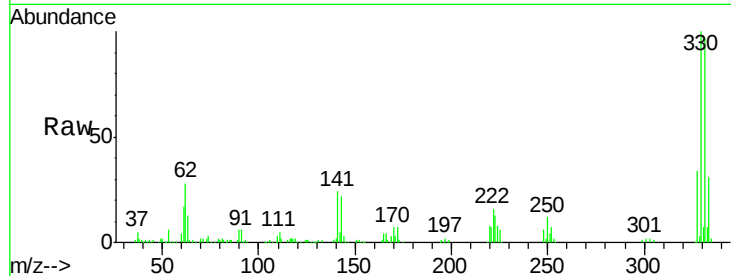
Tot Ion:198 Resp: 331

Ion Ratio Lower Upper

198 100

51 164.7 6.7 46.7#

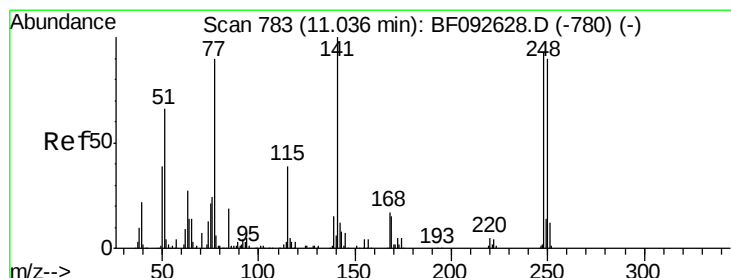
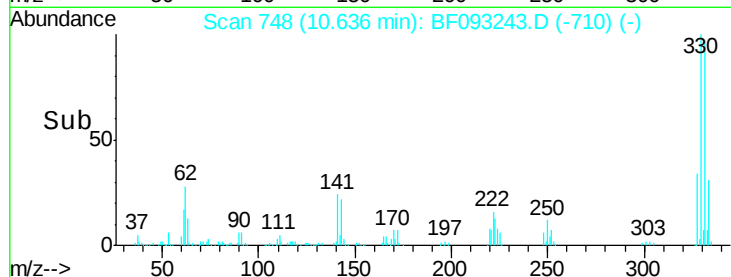
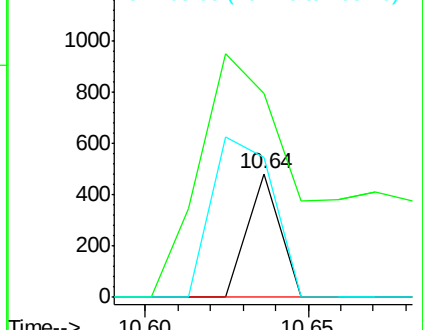
105 113.7 16.6 56.6#



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: 2.63 ng

RT: 10.64 min Scan# 748

Delta R.T. -0.29 min

Lab File: BF093243.D

Acq: 28 Feb 2017 12:45

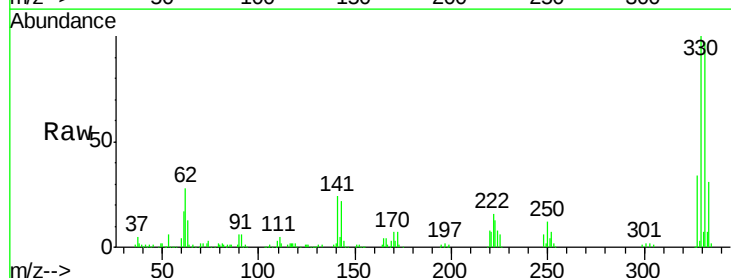
Tgt Ion:248 Resp: 12364

Ion Ratio Lower Upper

248 100

250 198.1 76.9 115.3#

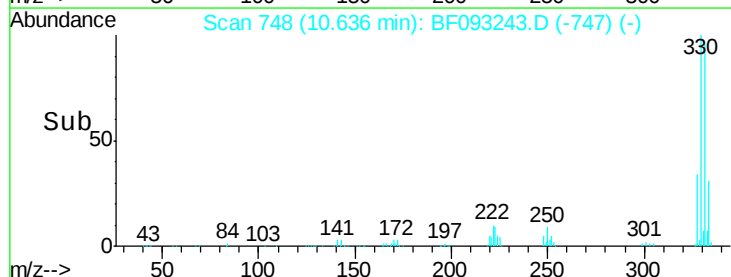
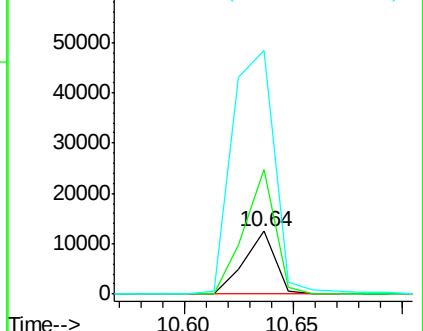
141 387.1 68.2 102.4#

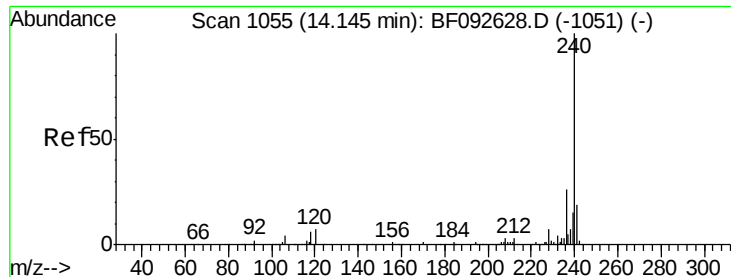


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.96 min Scan# 1039

Delta R.T. -0.06 min

Lab File: BF093243.D

Acq: 28 Feb 2017 12:45

Instrument :

BNA_F

ClientSampleId :

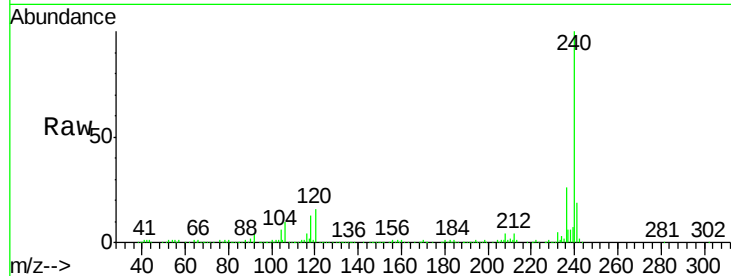
Tot Ion:240 Resp: 319115

Ion Ratio Lower Upper

240 100

120 15.6 12.9 19.3

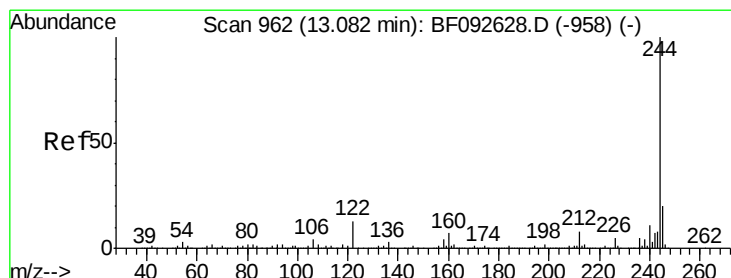
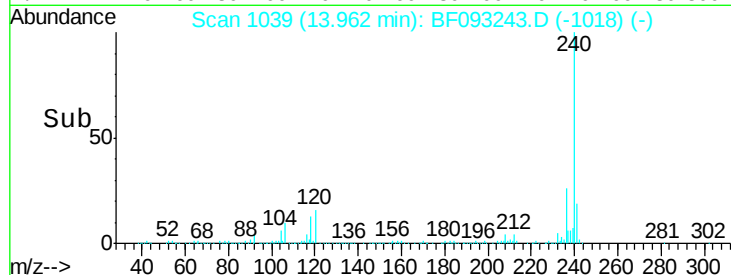
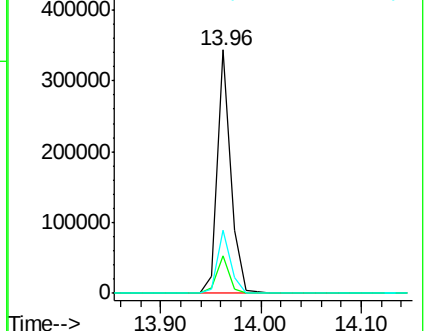
236 26.0 20.9 31.3



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: 56.78 ng

RT: 12.91 min Scan# 947

Delta R.T. -0.06 min

Lab File: BF093243.D

Acq: 28 Feb 2017 12:45

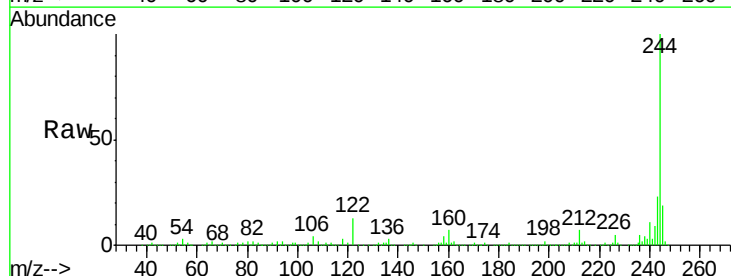
Tgt Ion:244 Resp: 771149

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

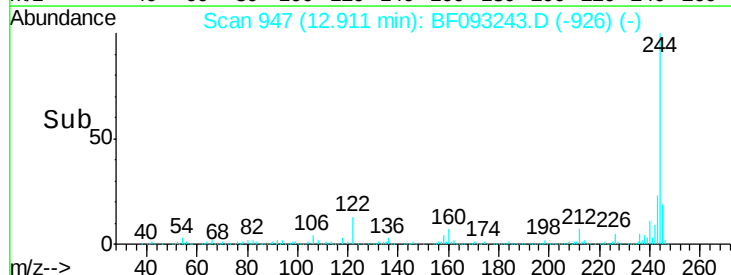
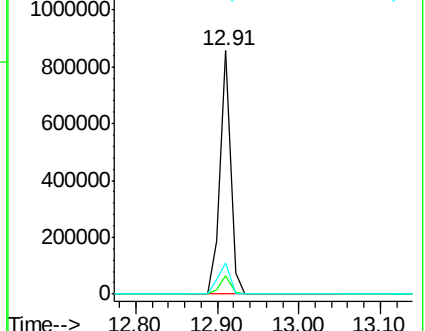
122 12.7 11.4 17.2

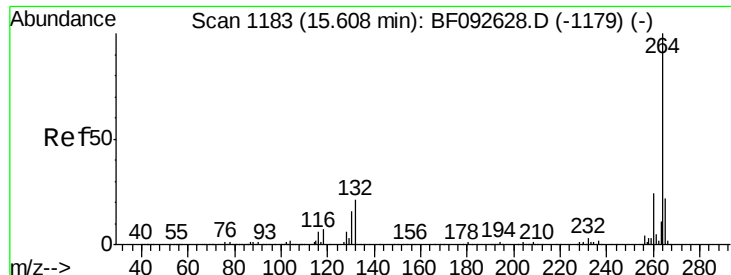


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.39 min Scan# 1164
Delta R.T. -0.06 min
Lab File: BF093243.D
Acq: 28 Feb 2017 12:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.2	17.4	26.0

