

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022317\
 Data File : BF093143.D
 Acq On : 24 Feb 2017 11:07
 Operator : SJ/MA
 Sample : I1947-02
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 24 12:12:01 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

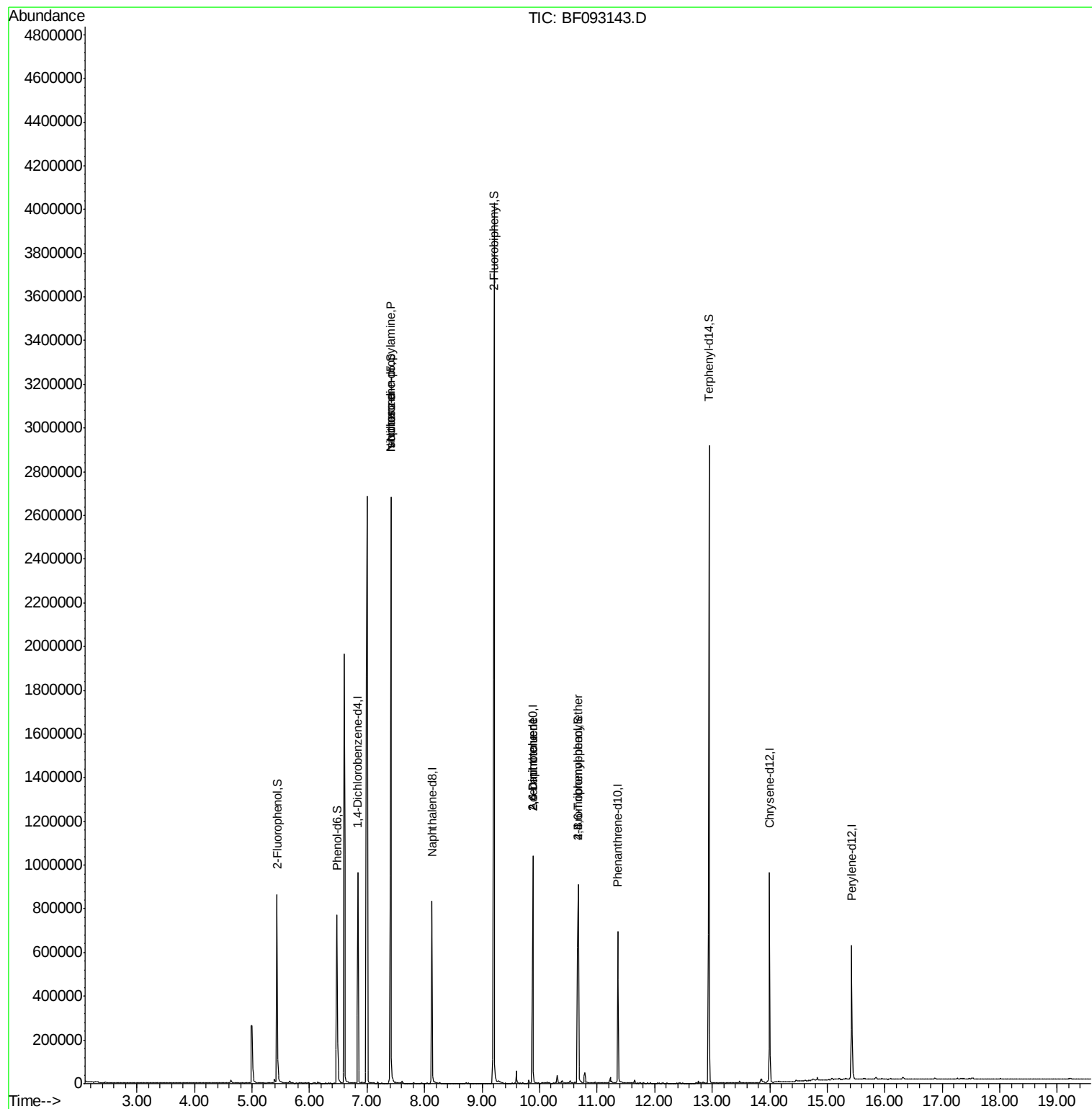
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	156023	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	559193	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	230420	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	334997	20.00	ng	-0.02
75) Chrysene-d12	14.00	240	320762	20.00	ng	-0.02
86) Perylene-d12	15.43	264	265185	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	360694	39.66	ng	-0.01
7) Phenol-d6	6.48	99	270591	23.12	ng	-0.01
23) Nitrobenzene-d5	7.41	82	904464	90.07	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	131927	79.16	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1446273	113.71	ng	-0.01
78) Terphenyl-d14	12.95	244	848173	62.13	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.41	70	119036	15.98	ng	# 80
25) Isophorone	7.41	82	681269	36.41	ng	# 65
50) 2,6-Dinitrotoluene	9.88	165	28863	8.61	ng	# 31
56) 2,4-Dinitrotoluene	9.88	165	28863	6.47	ng	# 20
66) 4-Bromophenyl-phenylether	10.67	248	9530	2.72	ng	# 1

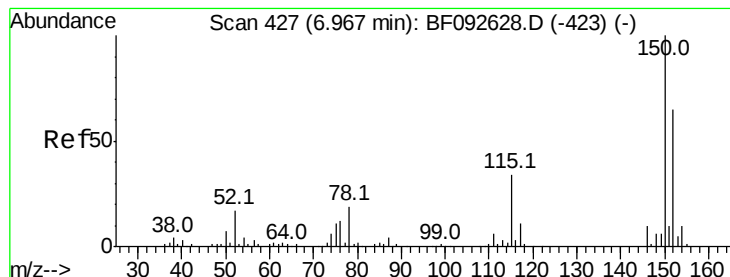
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022317\
Data File : BF093143.D
Acq On : 24 Feb 2017 11:07
Operator : SJ/MA
Sample : I1947-02
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Feb 24 12:12:01 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

Lab File: BF093143.D

Acq: 24 Feb 2017 11:07

Instrument :

BNA_F

ClientSampleId :

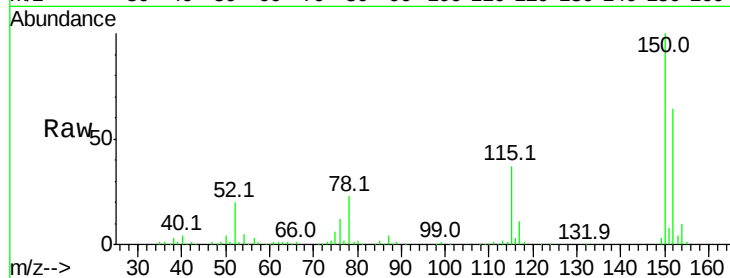
Tot Ion:152 Resp: 156023

Ion Ratio Lower Upper

152 100

150 155.4 124.9 187.3

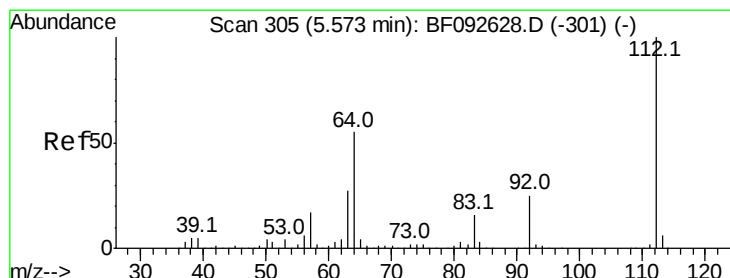
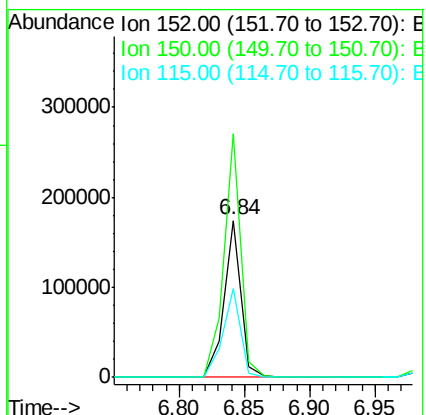
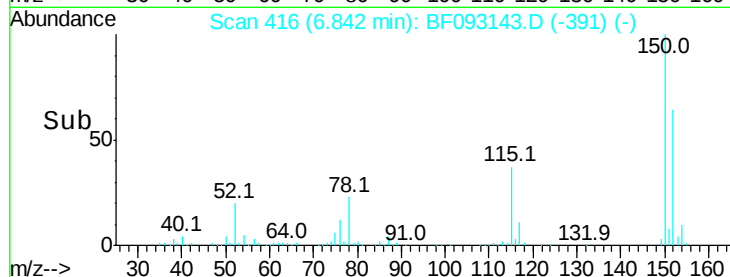
115 57.0 46.0 69.0



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: 39.66 ng

RT: 5.44 min Scan# 293

Delta R.T. -0.01 min

Lab File: BF093143.D

Acq: 24 Feb 2017 11:07

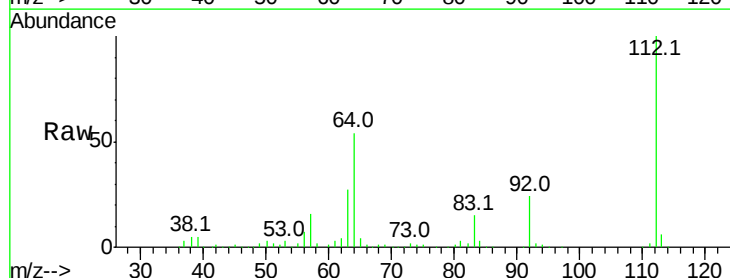
Tgt Ion:112 Resp: 360694

Ion Ratio Lower Upper

112 100

64 54.5 46.1 69.1

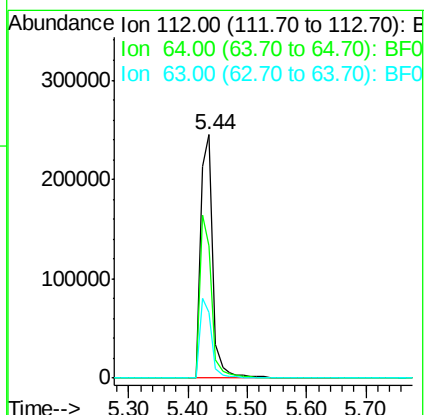
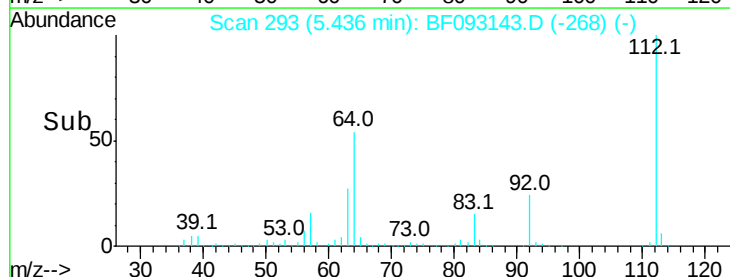
63 26.9 23.8 35.6

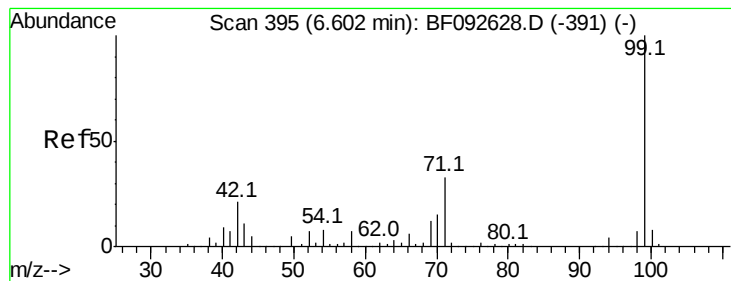


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 23.12 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF093143.D

Acq: 24 Feb 2017 11:07

Instrument :

BNA_F

ClientSampleId :

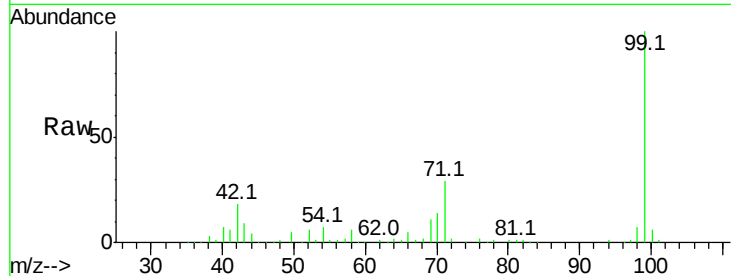
Tot Ion: 99 Resp: 270591

Ion Ratio Lower Upper

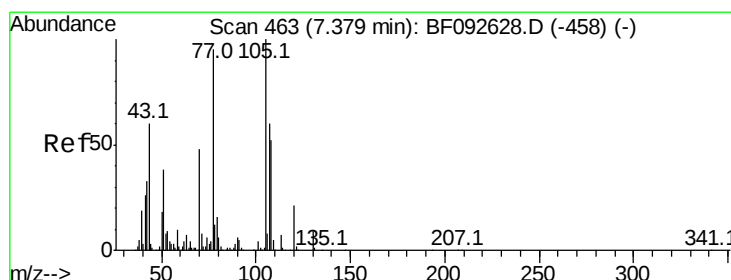
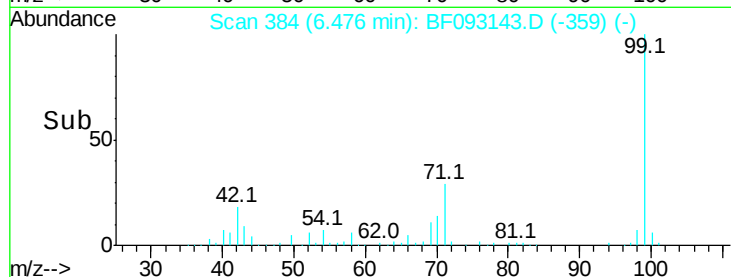
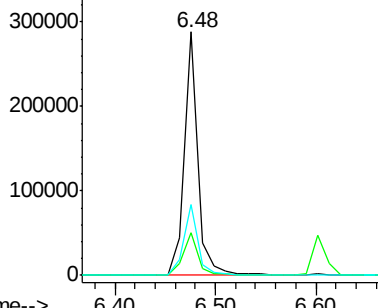
99 100

42 17.7 15.6 23.4

71 29.2 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: 15.98 ng

RT: 7.41 min Scan# 466

Delta R.T. 0.14 min

Lab File: BF093143.D

Acq: 24 Feb 2017 11:07

Tgt Ion: 70 Resp: 119036

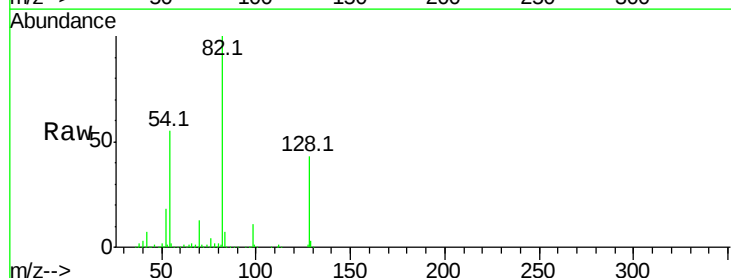
Ion Ratio Lower Upper

70 100

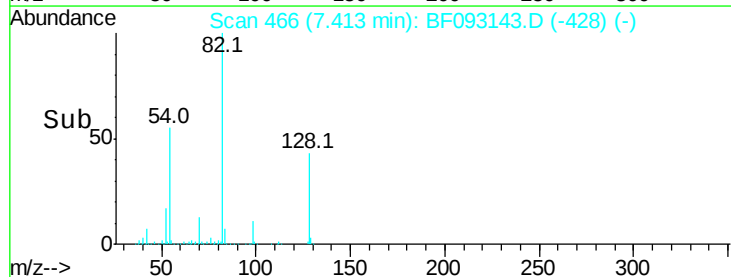
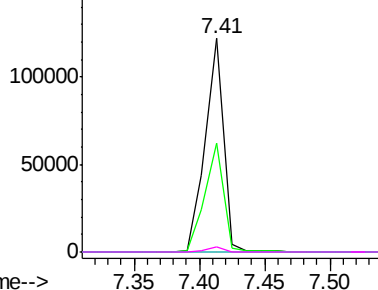
42 50.8 49.4 74.0

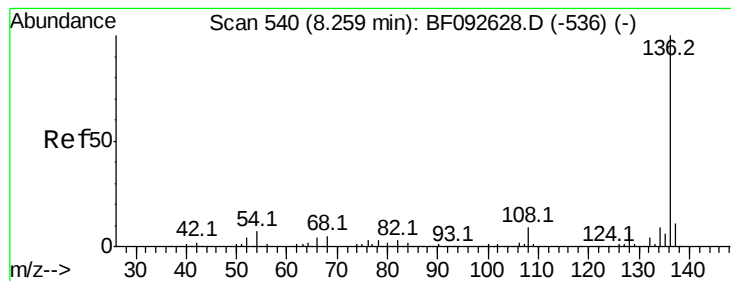
101 0.0 7.4 11.2#

130 2.2 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

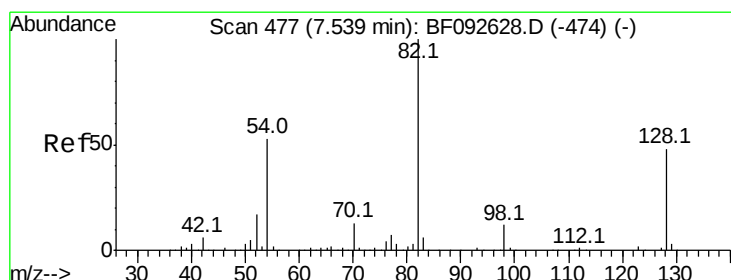
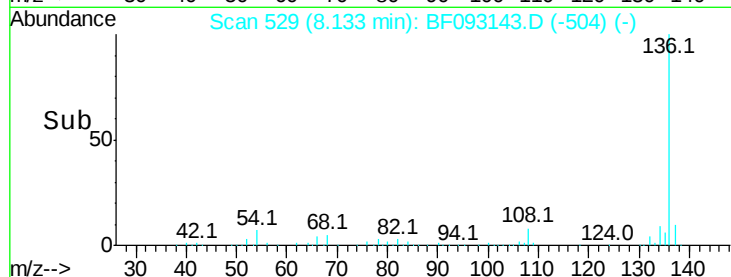
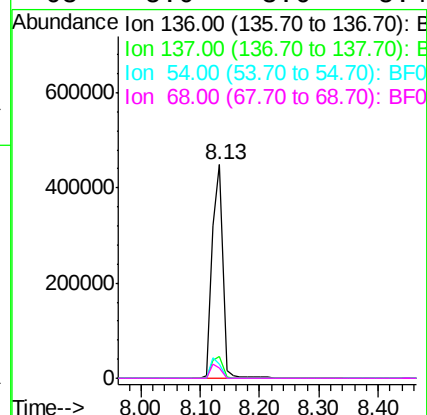
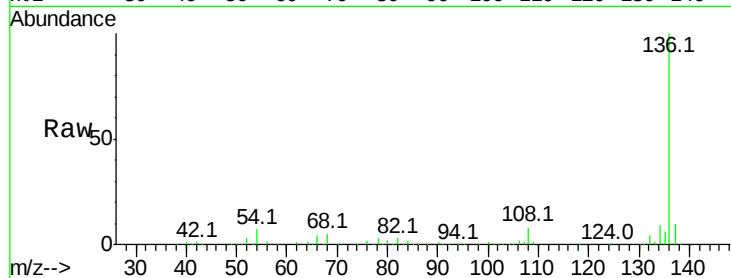




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF093143.D
Acq: 24 Feb 2017 11:07

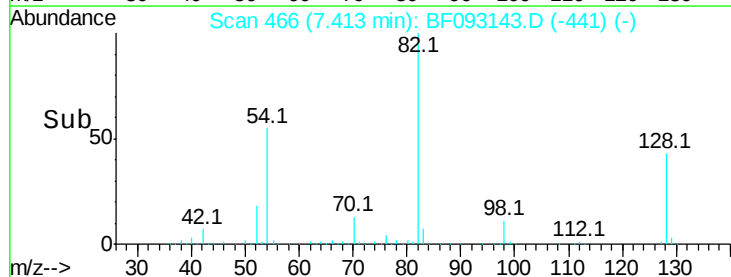
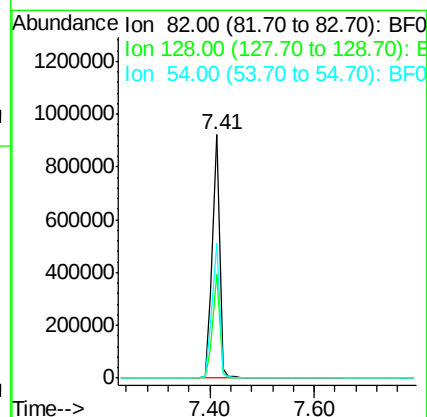
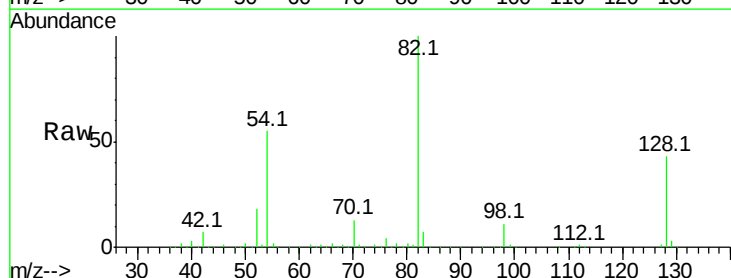
Instrument :
BNA_F
ClientSampleId :

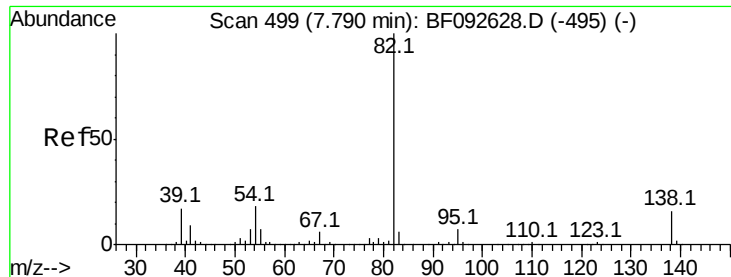
Tot Ion:	136	Resp:	559193
Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.4	12.6
54	6.9	4.5	6.7#
68	5.0	3.6	5.4



#23
Nitrobenzene-d5
Concen: 90.07 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF093143.D
Acq: 24 Feb 2017 11:07

Tgt Ion:	82	Resp:	904464
Ion	Ratio	Lower	Upper
82	100		
128	42.9	34.6	52.0
54	55.2	39.5	59.3





#25

Isophorone

Concen: 36.41 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.27 min

Lab File: BF093143.D

Acq: 24 Feb 2017 11:07

Instrument :

BNA_F

ClientSampled :

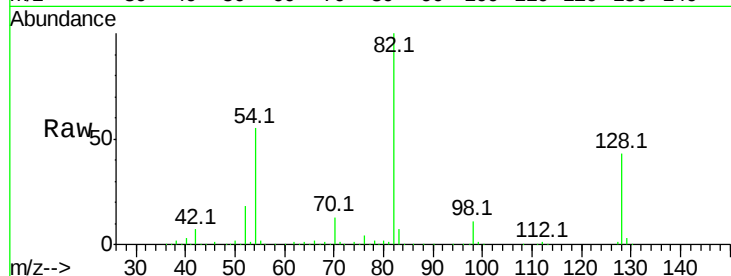
Tot Ion: 82 Resp: 681269

Ion Ratio Lower Upper

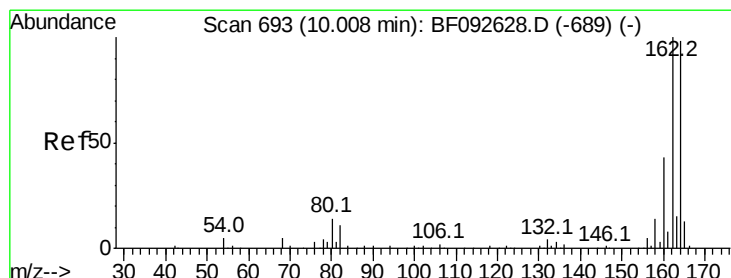
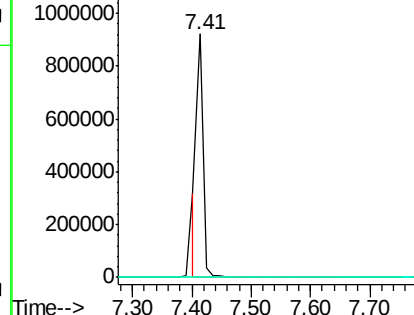
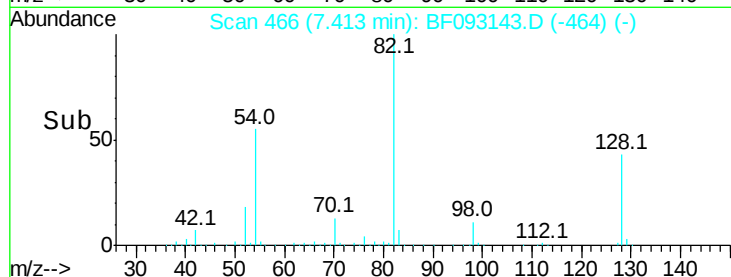
82 100

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: BF093143.D

Acq: 24 Feb 2017 11:07

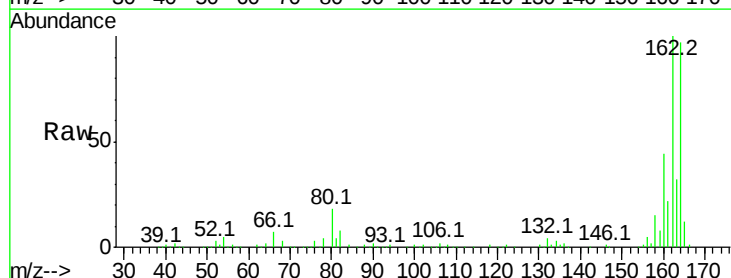
Tgt Ion:164 Resp: 230420

Ion Ratio Lower Upper

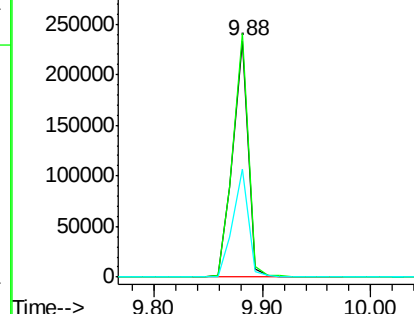
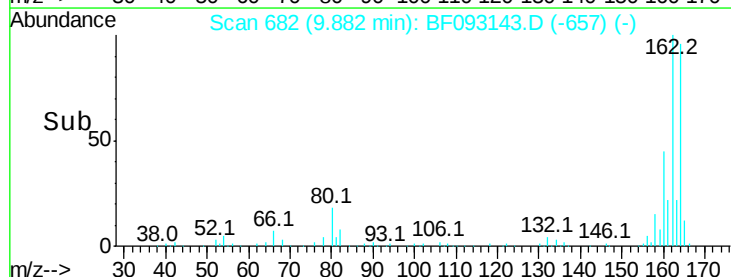
164 100

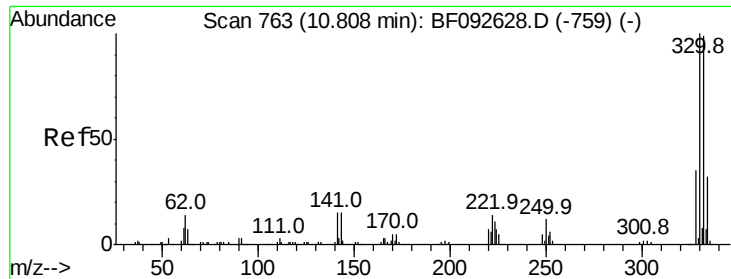
162 103.0 80.2 120.2

160 45.8 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

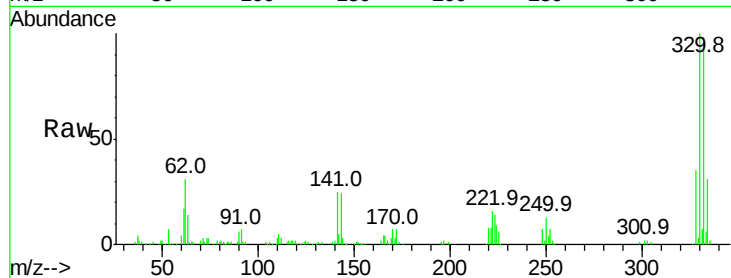




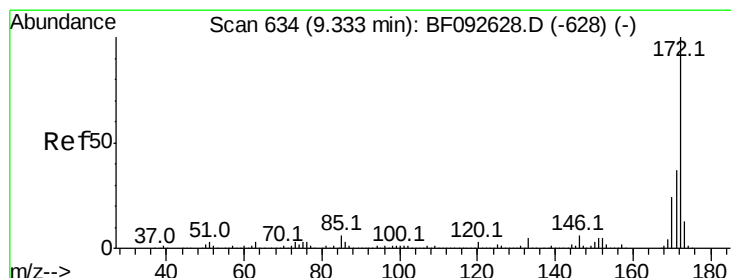
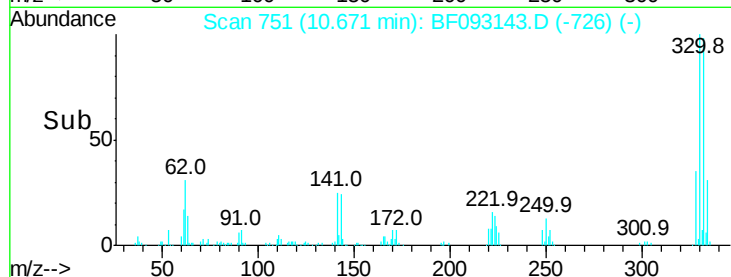
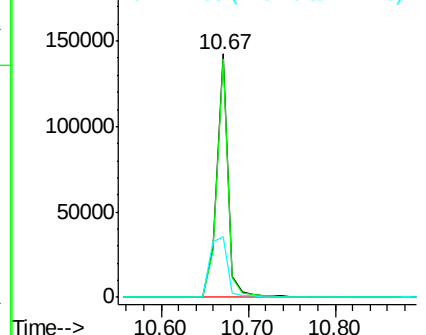
#41
 2,4,6-Tribromophenol
 Concen: 79.16 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF093143.D
 Acq: 24 Feb 2017 11:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.4	116.2
141	37.9	34.1	51.1

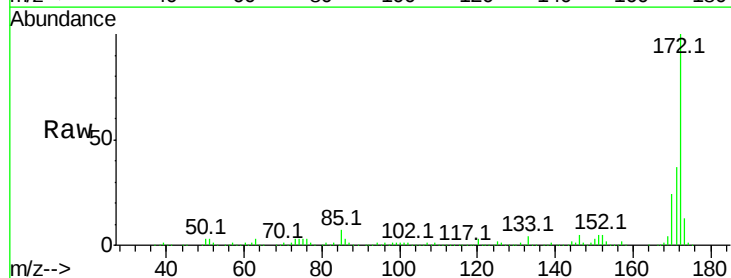


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

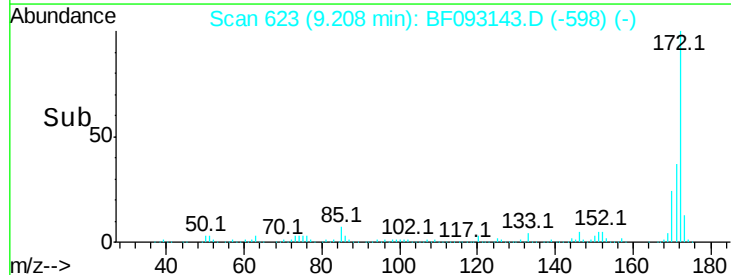
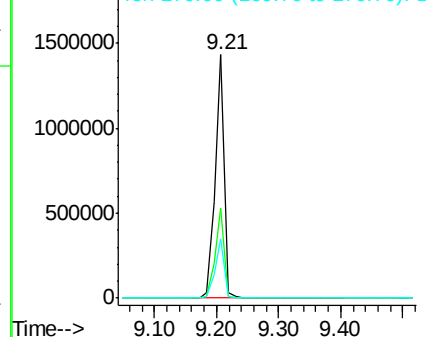


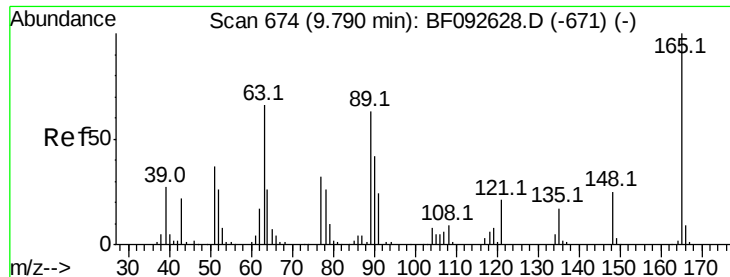
#44
 2-Fluorobiphenyl
 Concen: 113.71 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF093143.D
 Acq: 24 Feb 2017 11:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.4	44.0
170	24.2	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

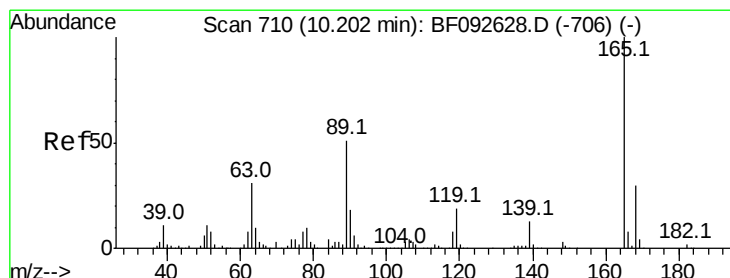
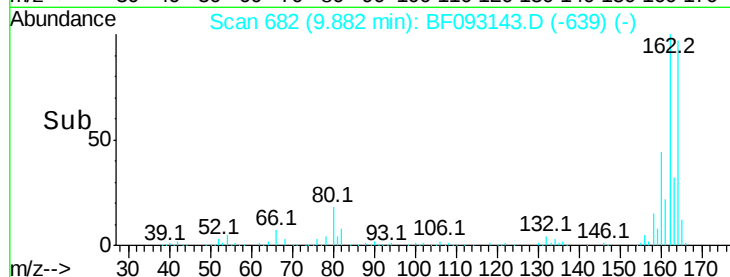
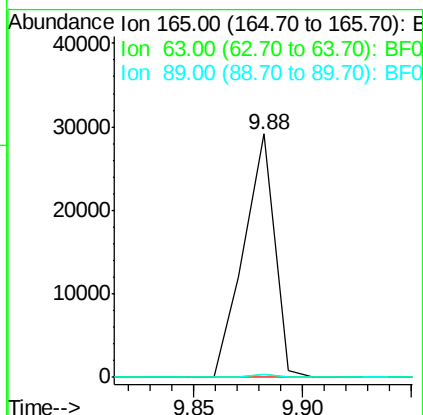
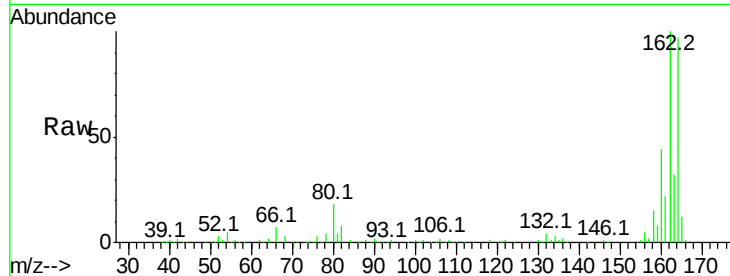




#50
 2,6-Dinitrotoluene
 Concen: 8.61 ng
 RT: 9.88 min Scan# 682
 Delta R.T. 0.19 min
 Lab File: BF093143.D
 Acq: 24 Feb 2017 11:07

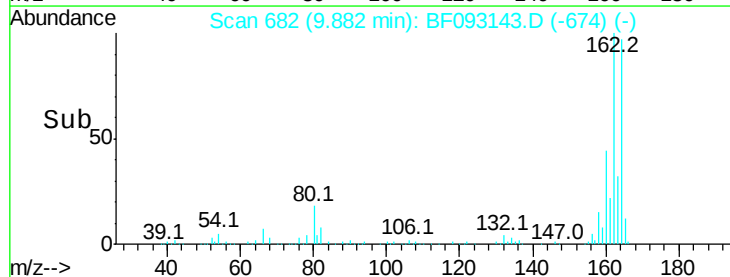
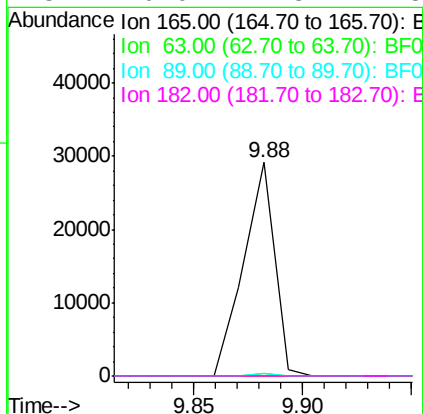
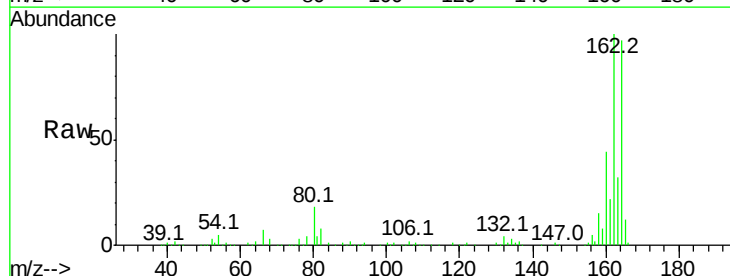
Instrument :
 BNA_F
 ClientSampleId :

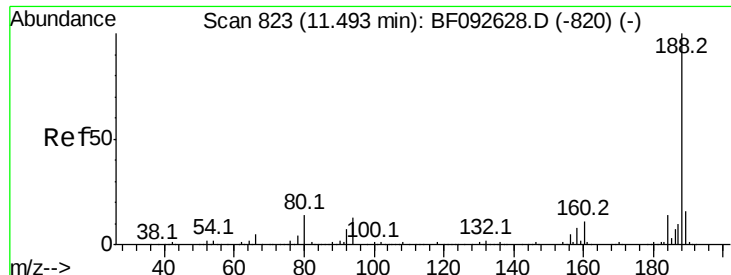
Tot Ion:165 Resp: 28863
 Ion Ratio Lower Upper
 165 100
 63 1.4 36.2 54.4#
 89 1.1 40.2 60.4#



#56
 2,4-Dinitrotoluene
 Concen: 6.47 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.21 min
 Lab File: BF093143.D
 Acq: 24 Feb 2017 11:07

Tgt Ion:165 Resp: 28863
 Ion Ratio Lower Upper
 165 100
 63 1.4 40.2 60.4#
 89 1.1 62.5 93.7#
 182 0.0 1.8 2.8#

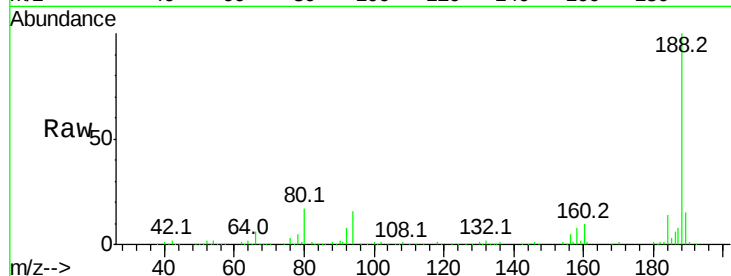




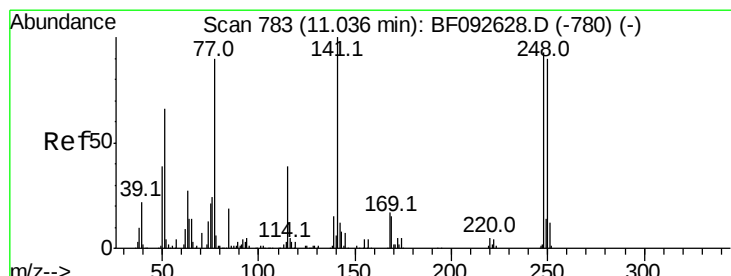
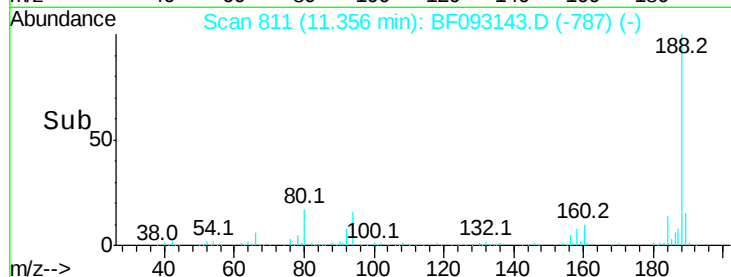
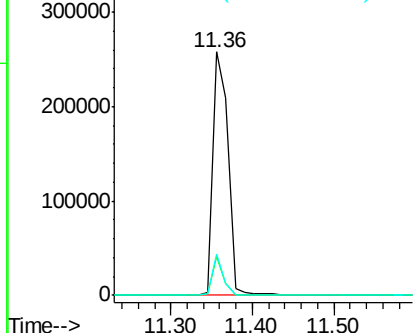
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.02 min
 Lab File: BF093143.D
 Acq: 24 Feb 2017 11:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 334997
 Ion Ratio Lower Upper
 188 100
 94 15.7 10.0 15.0#
 80 16.8 11.2 16.8#

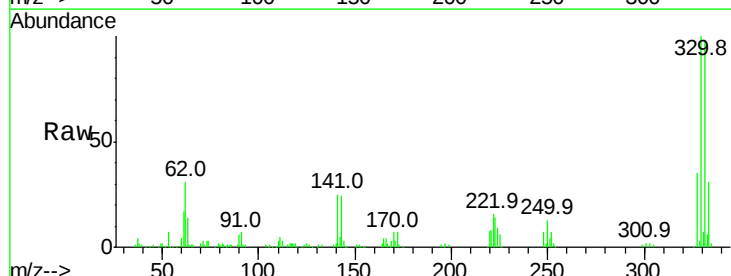


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

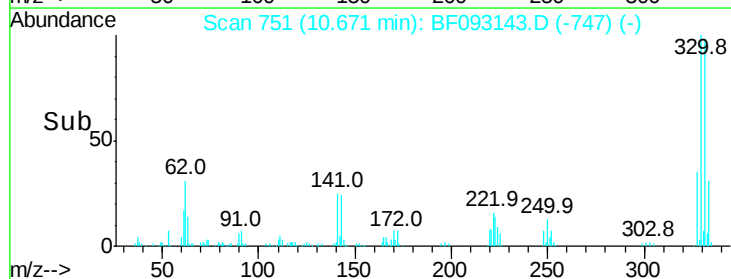
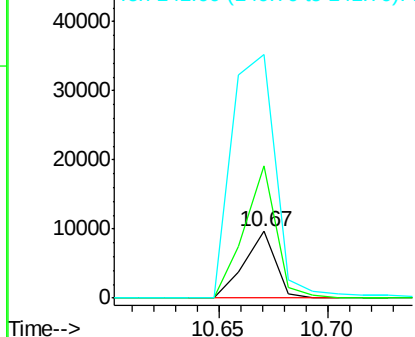


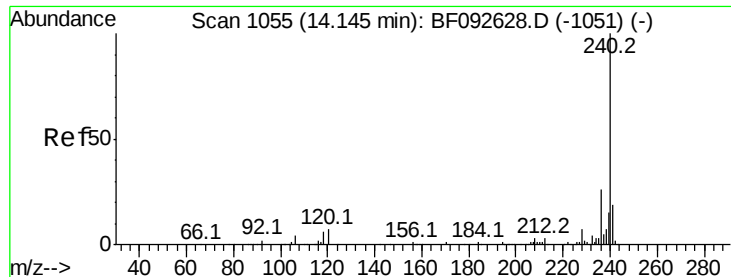
#66
 4-Bromophenyl-phenylether
 Concen: 2.72 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.25 min
 Lab File: BF093143.D
 Acq: 24 Feb 2017 11:07

Tgt Ion:248 Resp: 9530
 Ion Ratio Lower Upper
 248 100
 250 198.0 76.9 115.3#
 141 366.1 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: 14.00 min Scan# 1042

Delta R.T. -0.02 min

Lab File: BF093143.D

Acq: 24 Feb 2017 11:07

Instrument :

BNA_F

ClientSampled :

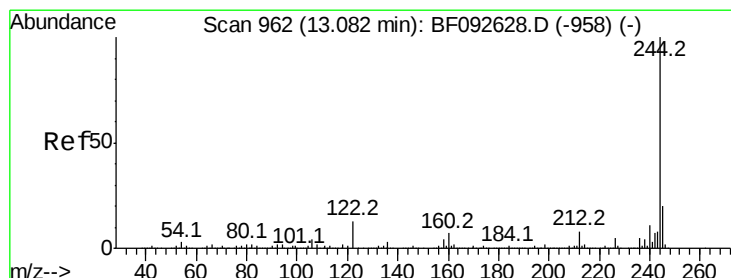
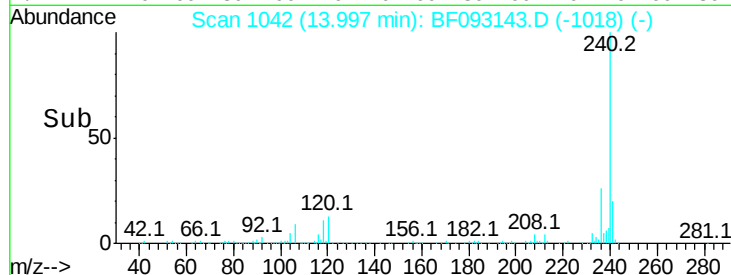
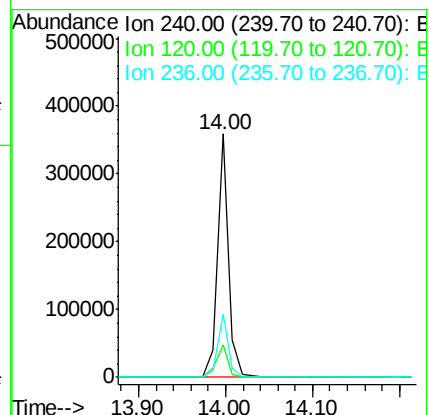
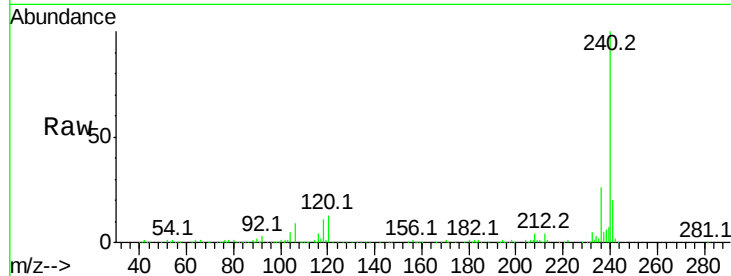
Tot Ion:240 Resp: 320762

Ion Ratio Lower Upper

240 100

120 13.2 12.9 19.3

236 25.7 20.9 31.3



#78

Terphenyl-d14

Concen: 62.13 ng

RT: 12.95 min Scan# 950

Delta R.T. -0.02 min

Lab File: BF093143.D

Acq: 24 Feb 2017 11:07

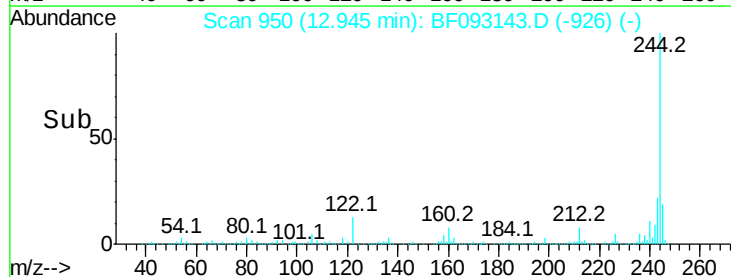
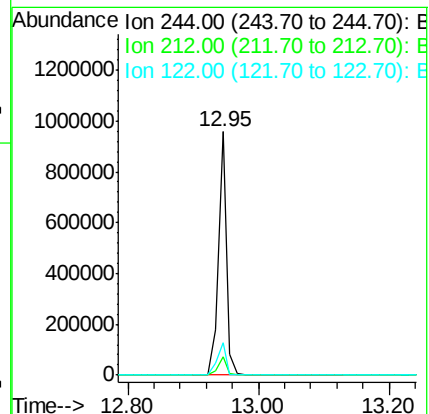
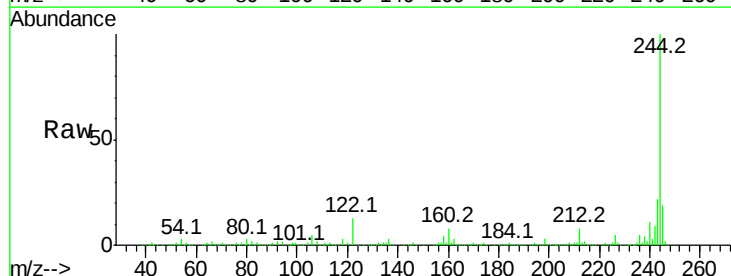
Tgt Ion:244 Resp: 848173

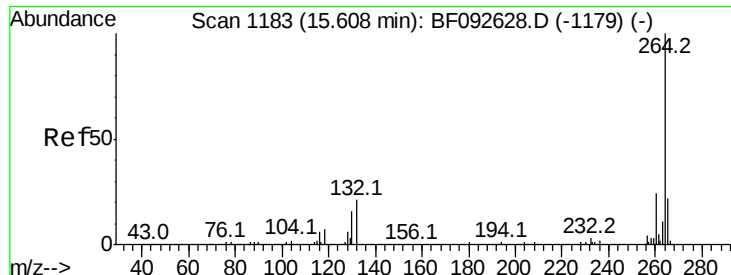
Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

122 13.4 11.4 17.2

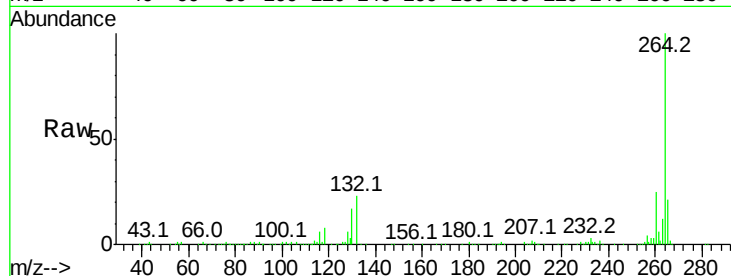




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 1167
 Delta R.T. -0.02 min
 Lab File: BF093143.D
 Acq: 24 Feb 2017 11:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	265185
Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.2	28.8
265	21.3	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

