

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041117\
 Data File : BF094369.D
 Acq On : 11 Apr 2017 23:59
 Operator : SJ/MA
 Sample : I2601-13
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 12 00:53:57 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 13:20:29 2017
 Response via : Initial Calibration

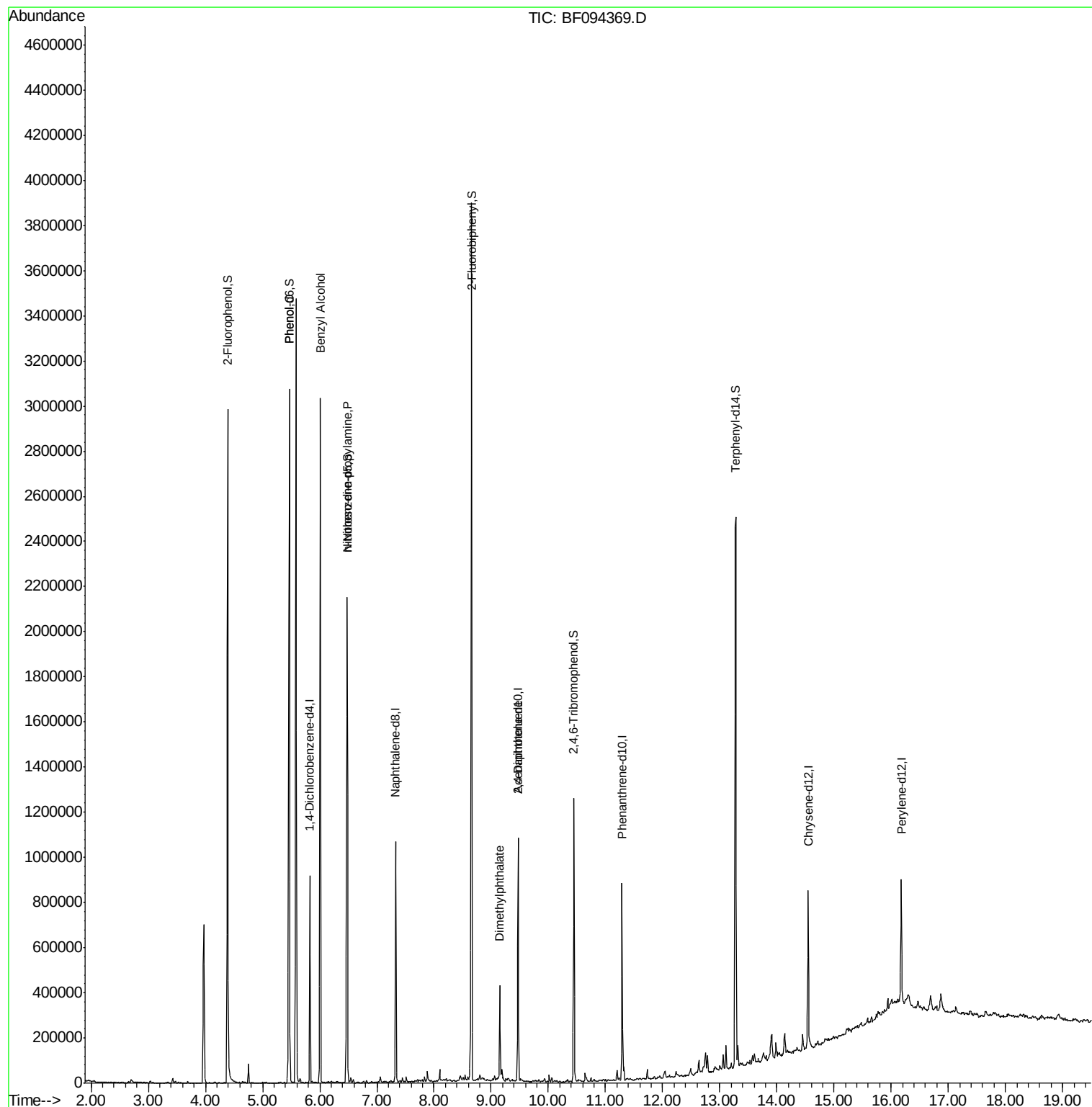
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.83	152	141156	20.00	ng	-0.03
21) Naphthalene-d8	7.33	136	544686	20.00	ng	-0.04
38) Acenaphthene-d10	9.47	164	215899	20.00	ng	-0.03
63) Phenanthrene-d10	11.29	188	336853	20.00	ng	-0.03
75) Chrysene-d12	14.55	240	287107	20.00	ng	-0.02
86) Perylene-d12	16.17	264	222849	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.39	112	972221	116.33	ng	0.00
7) Phenol-d6	5.47	99	1346467	130.23	ng	0.00
23) Nitrobenzene-d5	6.48	82	856046	89.69	ng	-0.03
41) 2,4,6-Tribromophenol	10.45	330	155831	91.34	ng	-0.02
44) 2-Fluorobiphenyl	8.66	172	1419676	100.30	ng	-0.03
78) Terphenyl-d14	13.28	244	931634	72.73	ng	-0.02
Target Compounds						
10) Phenol	5.47	94	73194	6.22	ng	Qvalue 98
15) Benzyl Alcohol	6.01	79	15320	2.02	ng	# 45
19) n-Nitroso-di-n-propylamine	6.48	70	114035	17.16	ng	# 76
49) Dimethylphthalate	9.15	163	175410	11.43	ng	99
56) 2,4-Dinitrotoluene	9.47	165	27375	6.19	ng	# 33

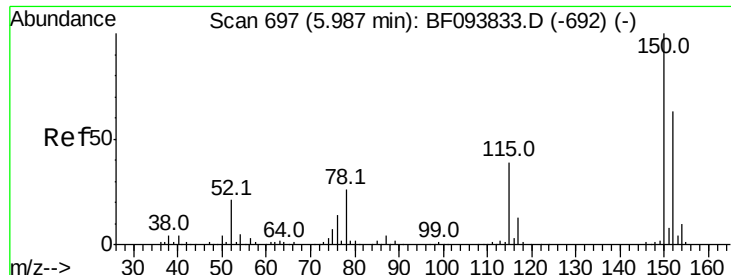
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041117\
Data File : BF094369.D
Acq On : 11 Apr 2017 23:59
Operator : SJ/MA
Sample : I2601-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 12 00:53:57 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 06 13:20:29 2017
Response via : Initial Calibration



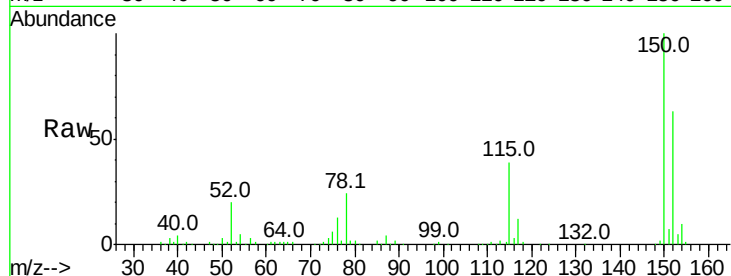


#1

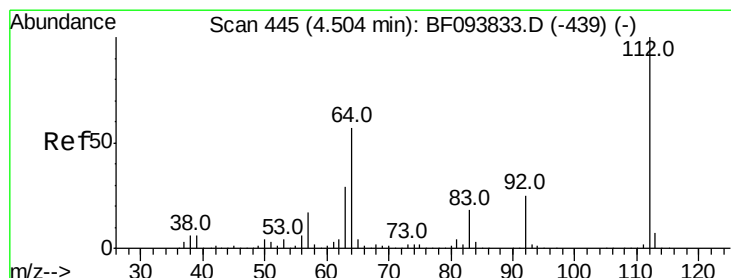
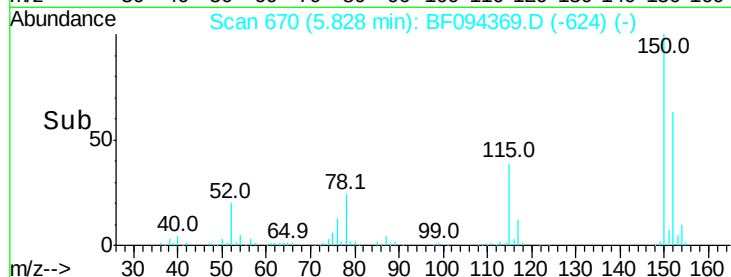
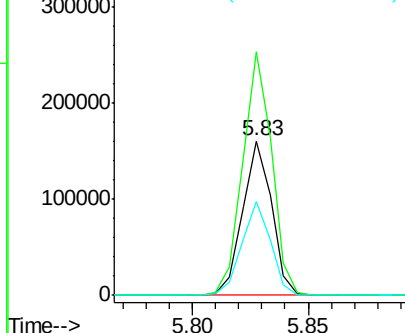
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.83 min Scan# 670
Delta R.T. -0.03 min
Lab File: BF094369.D
Acq: 11 Apr 2017 23:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 141156
Ion Ratio Lower Upper
152 100
150 157.7 126.2 189.2
115 60.7 52.2 78.2



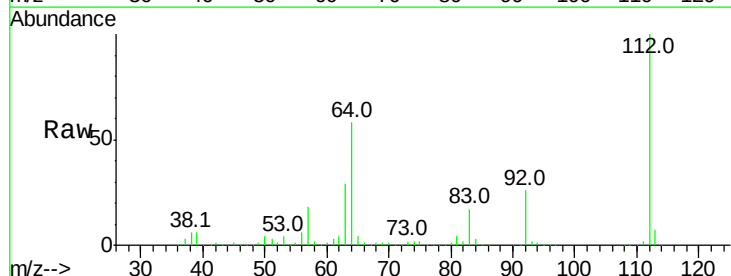
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



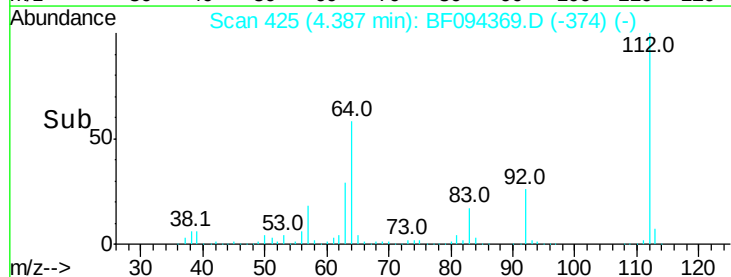
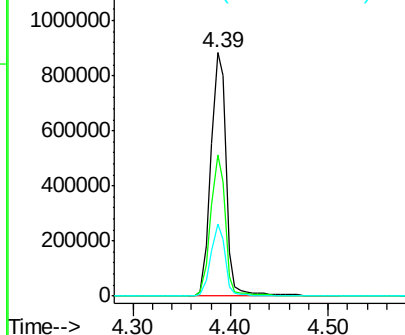
#5

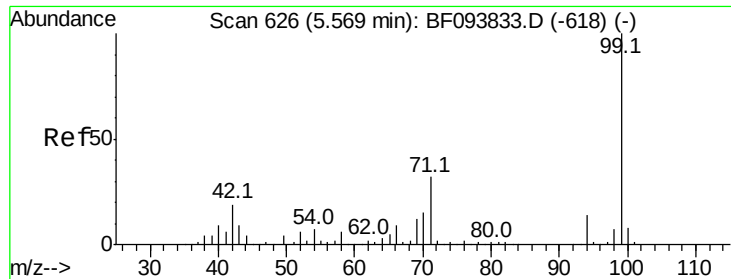
2-Fluorophenol
Concen: 116.33 ng
RT: 4.39 min Scan# 425
Delta R.T. -0.00 min
Lab File: BF094369.D
Acq: 11 Apr 2017 23:59

Tgt Ion:112 Resp: 972221
Ion Ratio Lower Upper
112 100
64 57.8 46.0 69.0
63 29.4 23.4 35.0



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: 130.23 ng

RT: 5.47 min Scan# 609

Delta R.T. 0.01 min

Lab File: BF094369.D

Acq: 11 Apr 2017 23:59

Instrument :

BNA_F

ClientSampled :

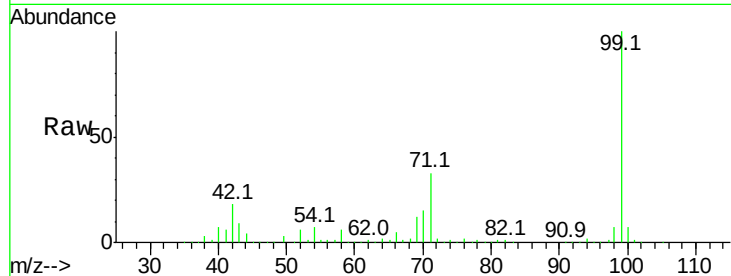
Tot Ion: 99 Resp: 1346467

Ion	Ratio	Lower	Upper
99	100		
42	17.6	13.5	20.3
71	33.4	24.5	36.7

99 100

42 17.6 13.5 20.3

71 33.4 24.5 36.7

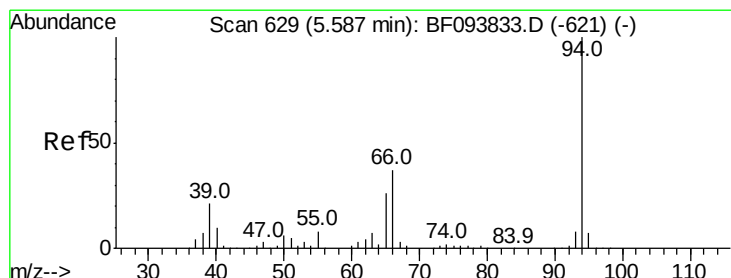
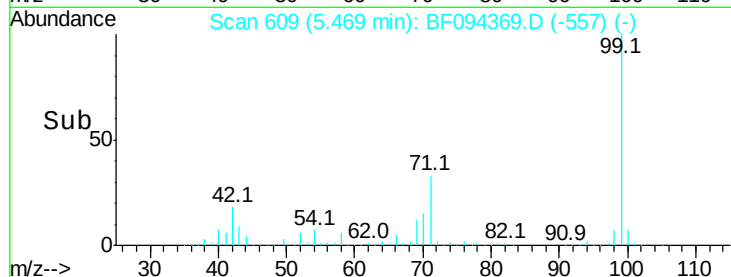
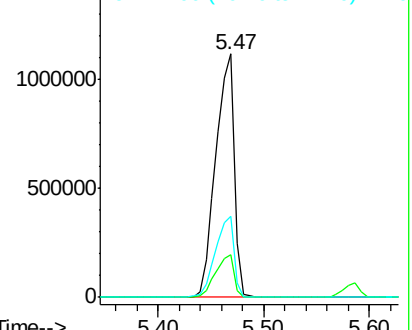


Abundance

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: 6.22 ng

RT: 5.47 min Scan# 610

Delta R.T. -0.01 min

Lab File: BF094369.D

Acq: 11 Apr 2017 23:59

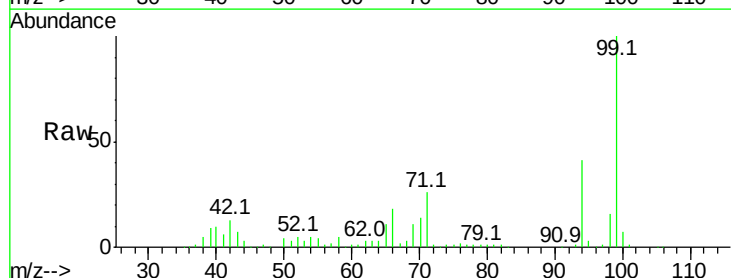
Tgt Ion: 94 Resp: 73194

Ion	Ratio	Lower	Upper
94	100		
65	27.6	9.9	49.9
66	42.9	23.1	63.1

94 100

65 27.6 9.9 49.9

66 42.9 23.1 63.1

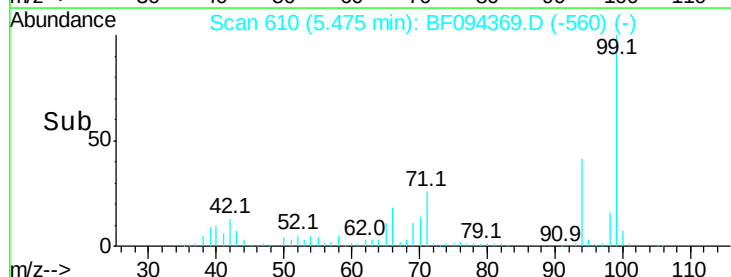
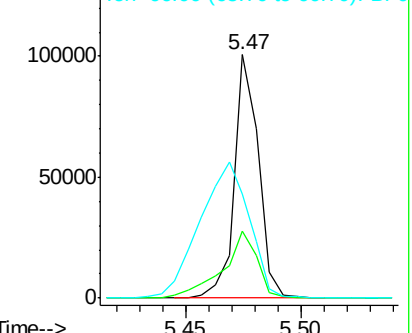


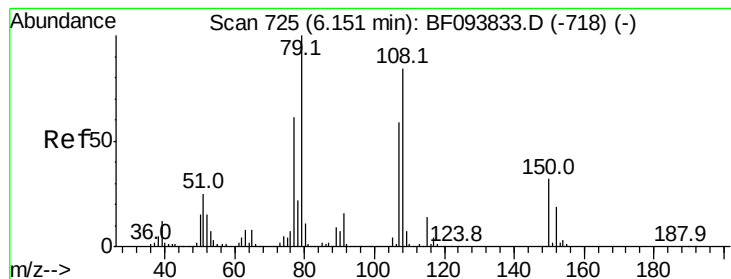
Abundance

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





#15

Benzyl Alcohol

Concen: 2.02 ng

RT: 6.01 min Scan# 701

Delta R.T. -0.02 min

Lab File: BF094369.D

Acq: 11 Apr 2017 23:59

Instrument :

BNA_F

ClientSampled :

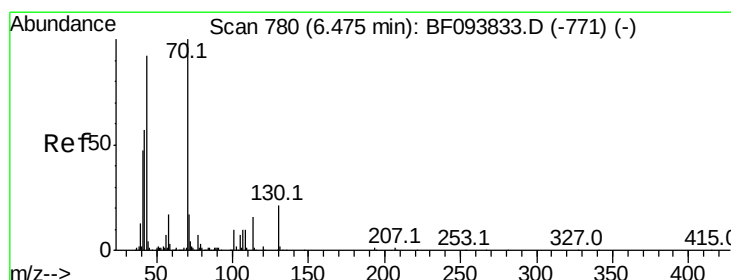
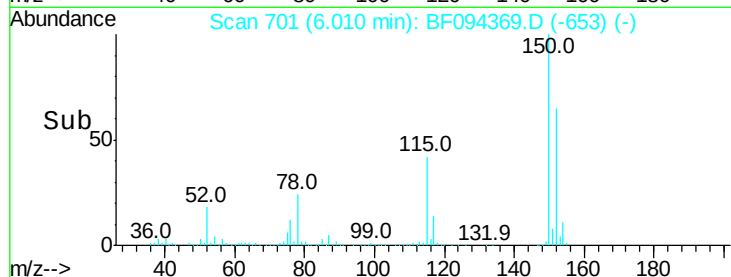
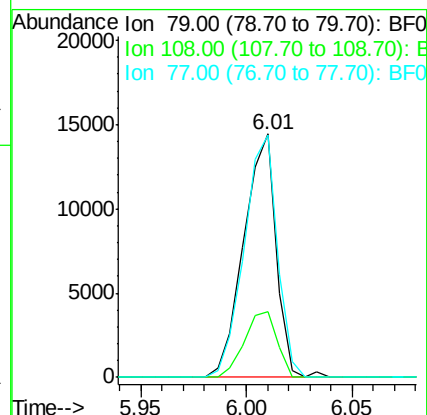
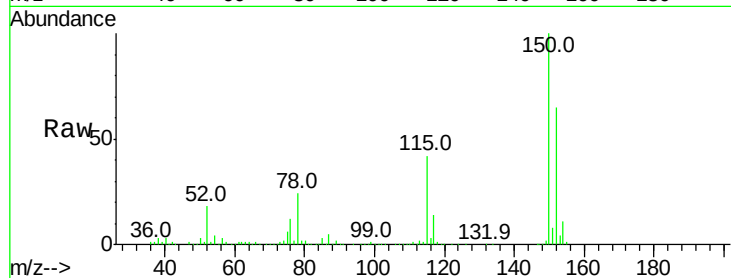
Tot Ion: 79 Resp: 15320

Ion Ratio Lower Upper

79 100

108 27.1 63.4 95.0#

77 99.6 49.2 73.8#



#19

n-Nitroso-di-n-propylamine

Concen: 17.16 ng

RT: 6.48 min Scan# 781

Delta R.T. 0.14 min

Lab File: BF094369.D

Acq: 11 Apr 2017 23:59

Tgt Ion: 70 Resp: 114035

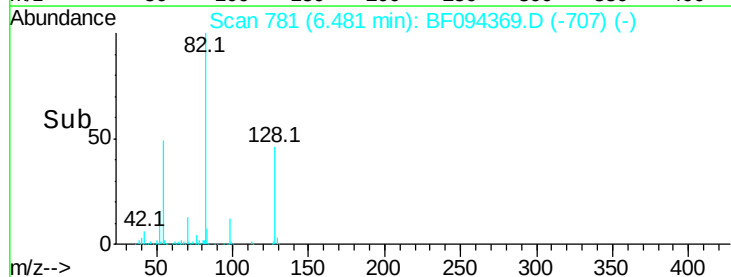
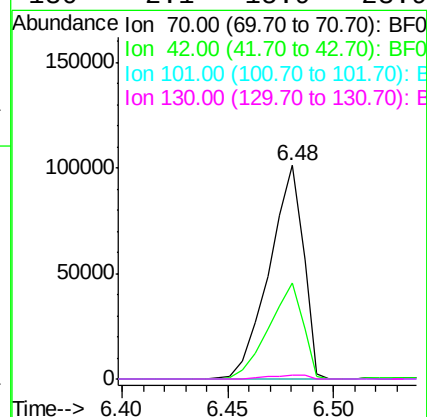
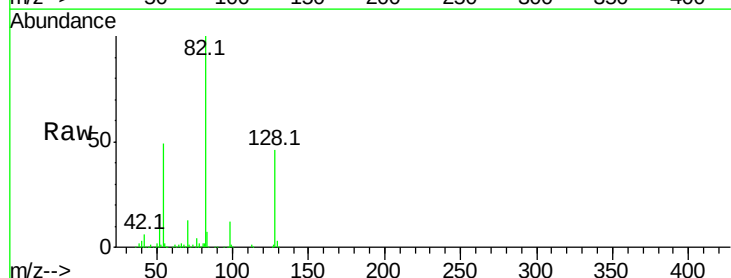
Ion Ratio Lower Upper

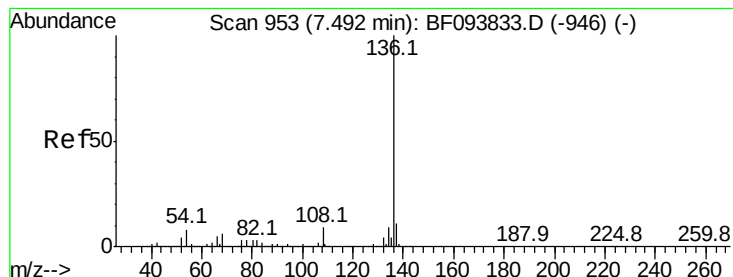
70 100

42 44.9 47.2 70.8#

101 0.0 7.2 10.8#

130 2.1 15.9 23.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.33 min Scan# 925

Delta R.T. -0.04 min

Lab File: BF094369.D

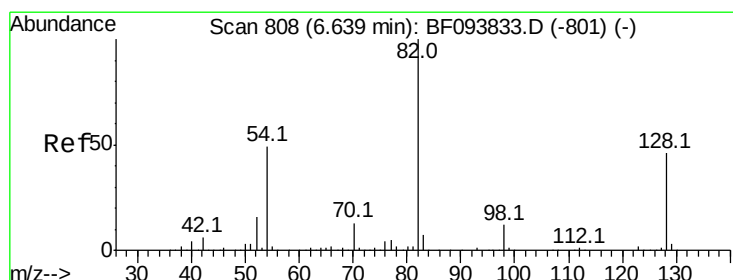
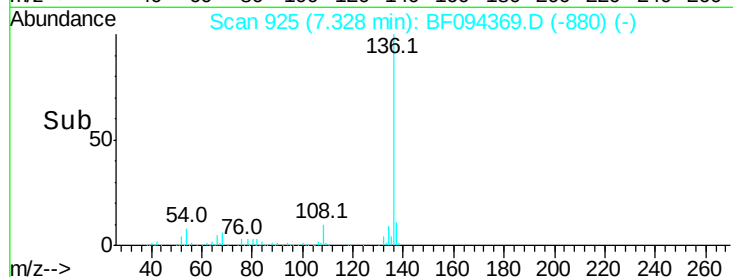
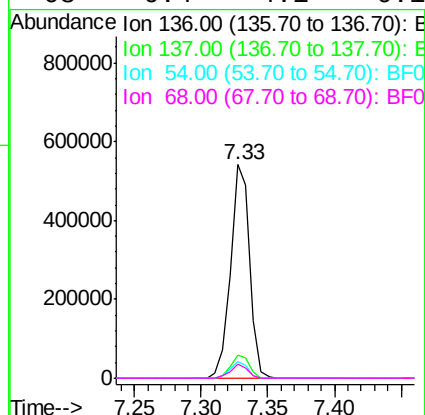
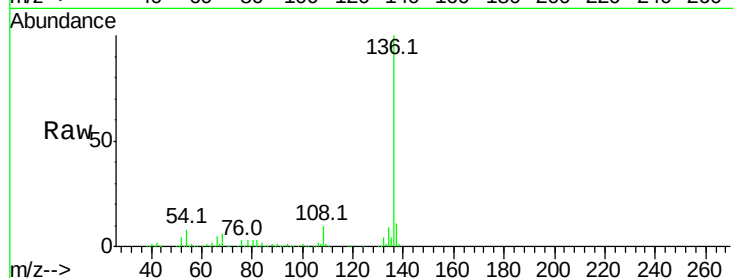
Acq: 11 Apr 2017 23:59

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	136	Resp:	544686
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	7.7	4.9	7.3#
68	6.4	4.1	6.1#



#23

Nitrobenzene-d5

Concen: 89.69 ng

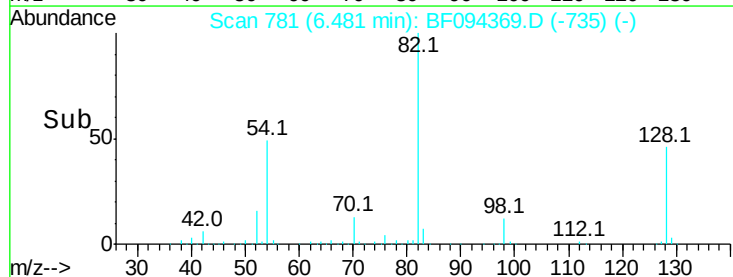
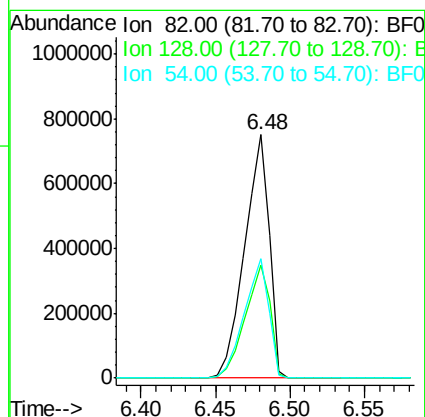
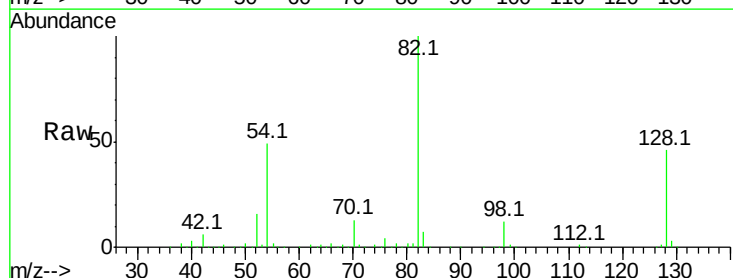
RT: 6.48 min Scan# 781

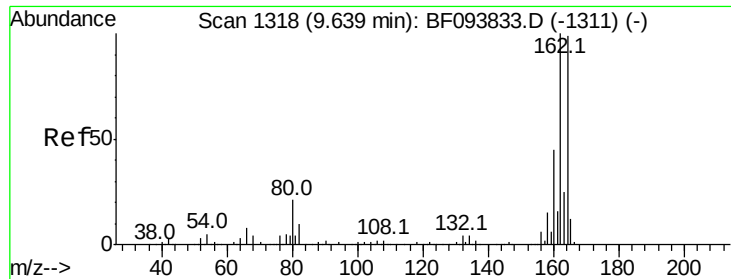
Delta R.T. -0.03 min

Lab File: BF094369.D

Acq: 11 Apr 2017 23:59

Tgt Ion:	82	Resp:	856046
Ion	Ratio	Lower	Upper
82	100		
128	46.4	34.0	51.0
54	49.2	42.2	63.2

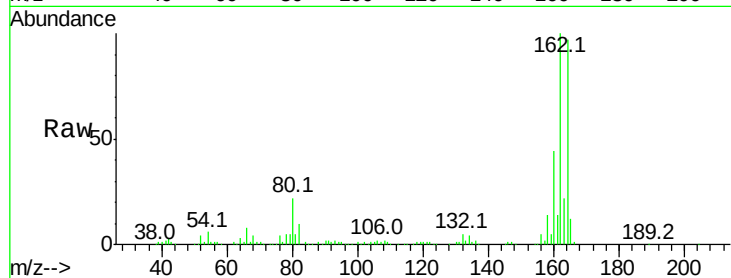




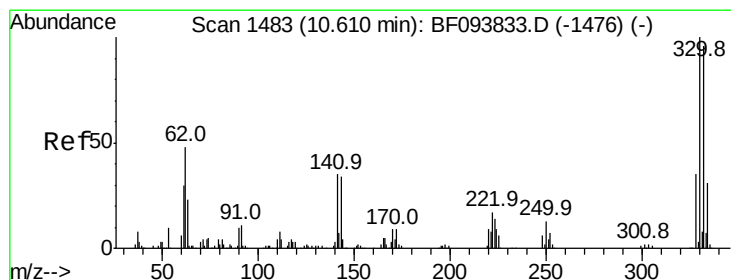
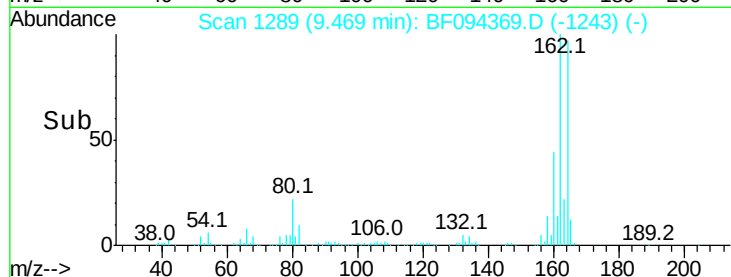
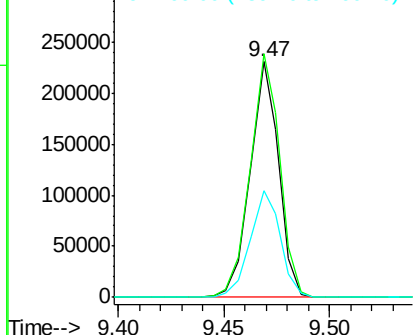
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.47 min Scan# 1289
Delta R.T. -0.03 min
Lab File: BF094369.D
Acq: 11 Apr 2017 23:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 215899
Ion Ratio Lower Upper
164 100
162 103.3 82.6 123.8
160 45.0 36.2 54.2

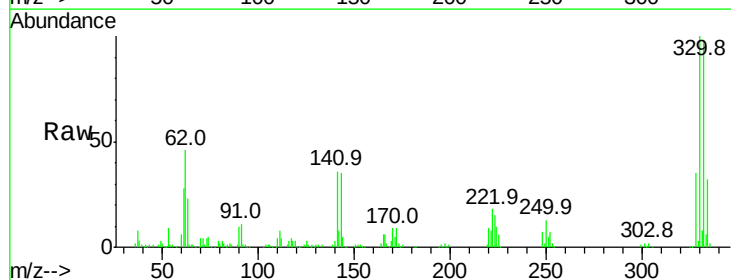


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

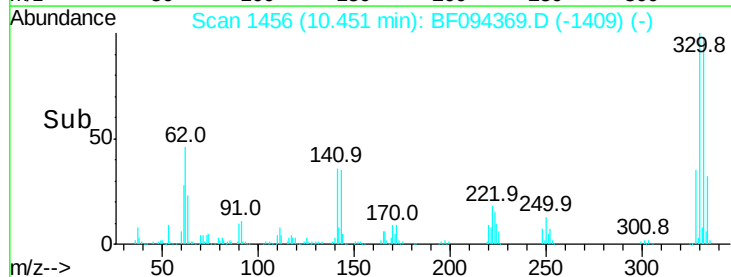
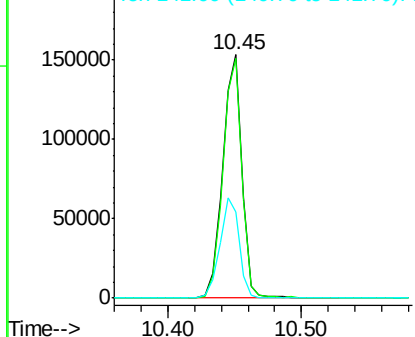


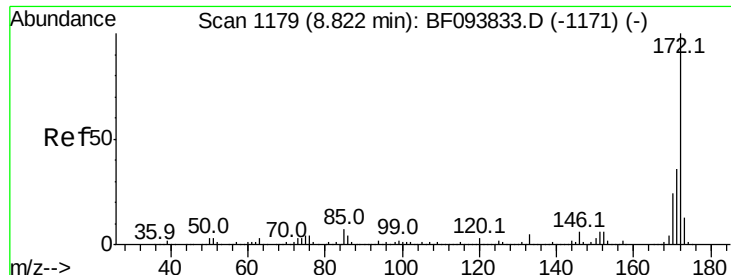
#41
2,4,6-Tribromophenol
Concen: 91.34 ng
RT: 10.45 min Scan# 1456
Delta R.T. -0.02 min
Lab File: BF094369.D
Acq: 11 Apr 2017 23:59

Tgt Ion:330 Resp: 155831
Ion Ratio Lower Upper
330 100
332 97.3 76.6 115.0
141 41.7 31.4 47.2



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

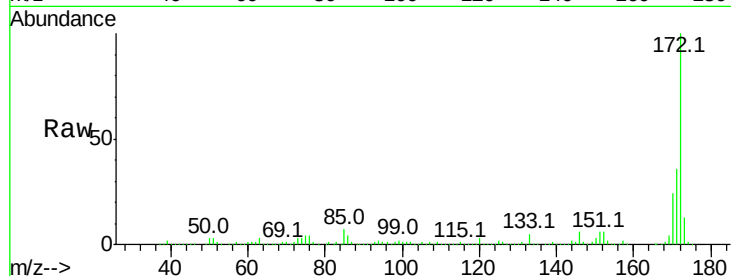




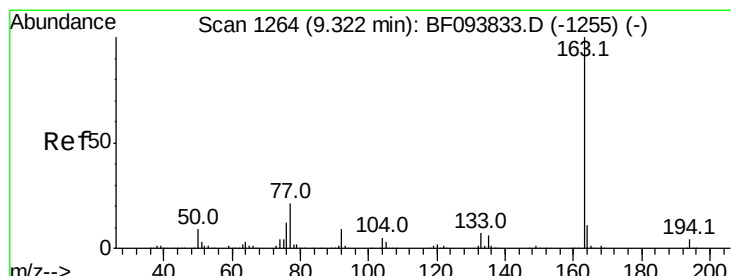
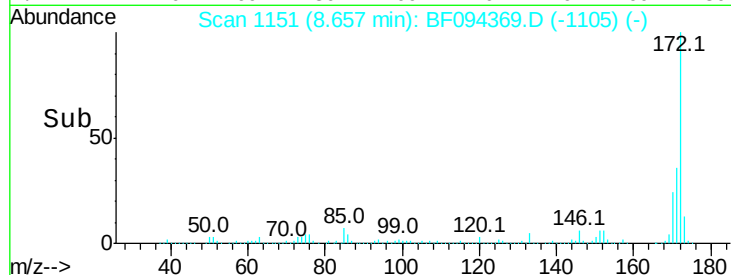
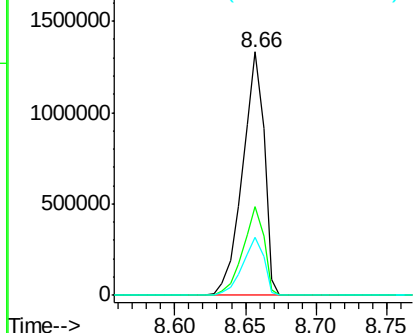
#44
2-Fluorobiphenyl
Concen: 100.30 ng
RT: 8.66 min Scan# 1151
Delta R.T. -0.03 min
Lab File: BF094369.D
Acq: 11 Apr 2017 23:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1419676
Ion Ratio Lower Upper
172 100
171 36.4 29.6 44.4
170 23.9 19.8 29.8

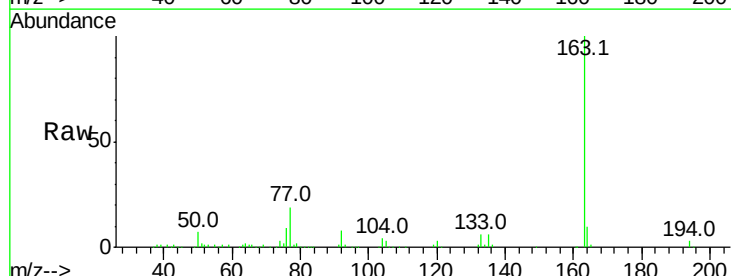


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

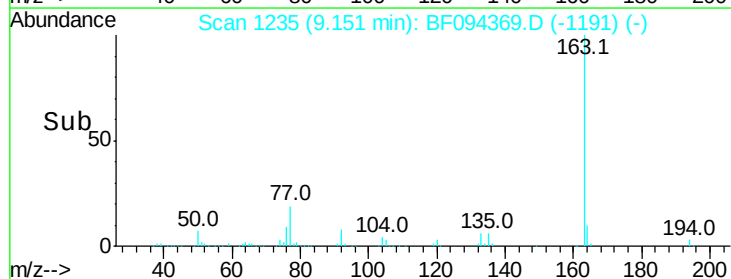
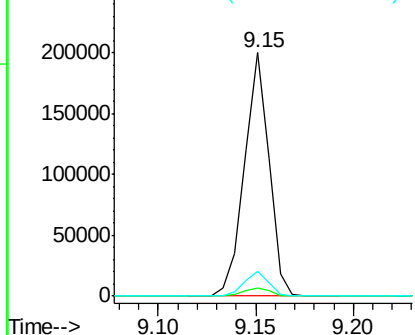


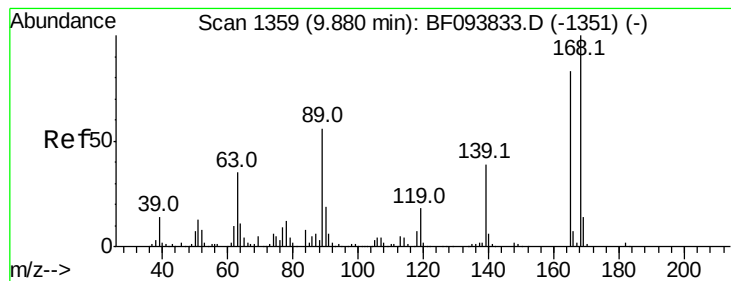
#49
Dimethylphthalate
Concen: 11.43 ng
RT: 9.15 min Scan# 1235
Delta R.T. -0.04 min
Lab File: BF094369.D
Acq: 11 Apr 2017 23:59

Tgt Ion:163 Resp: 175410
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 10.0 8.4 12.6



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: 6.19 ng

RT: 9.47 min Scan# 1289

Delta R.T. -0.28 min

Lab File: BF094369.D

Acq: 11 Apr 2017 23:59

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 27375

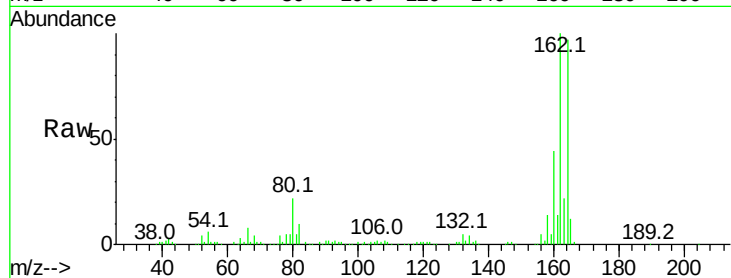
Ion Ratio Lower Upper

165 100

63 1.8 25.4 38.0#

89 1.3 46.4 69.6#

182 0.0 1.8 2.6#

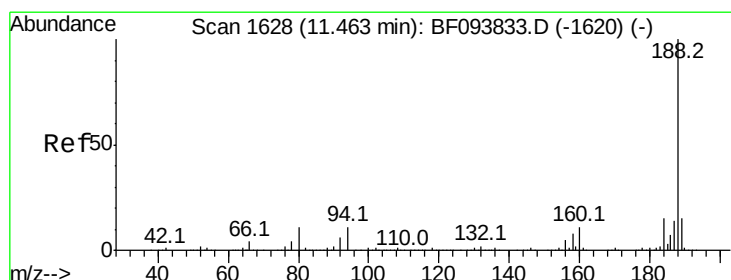
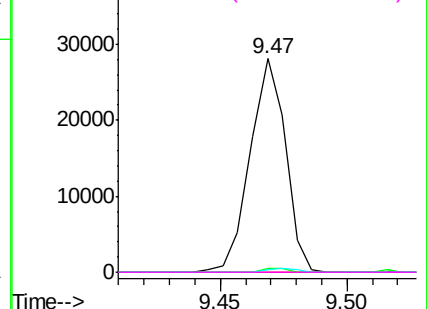
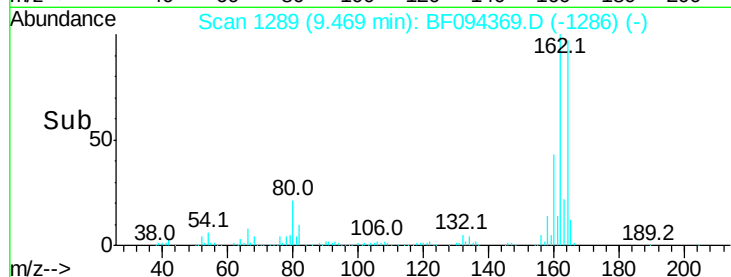


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.29 min Scan# 1599

Delta R.T. -0.03 min

Lab File: BF094369.D

Acq: 11 Apr 2017 23:59

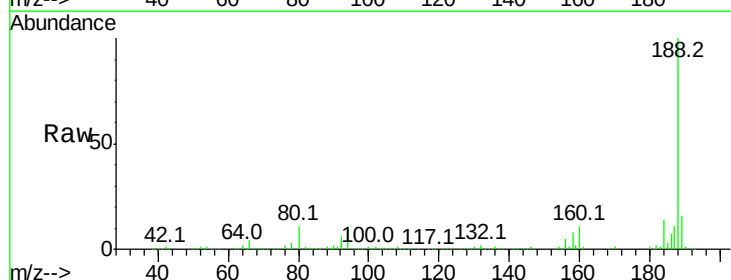
Tgt Ion:188 Resp: 336853

Ion Ratio Lower Upper

188 100

94 10.8 9.4 14.2

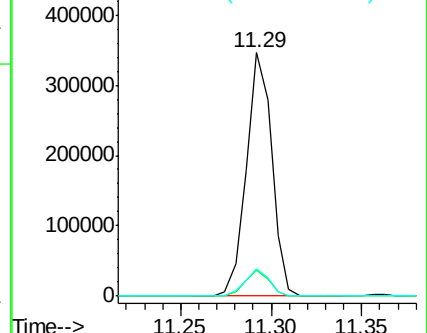
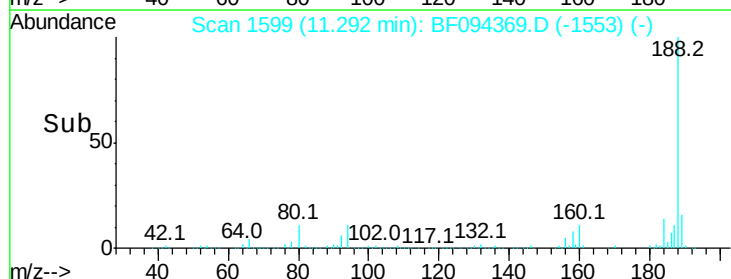
80 11.2 10.2 15.2

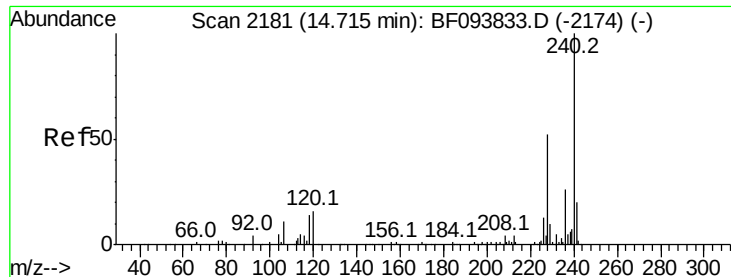


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.55 min Scan# 2153

Delta R.T. -0.02 min

Lab File: BF094369.D

Acq: 11 Apr 2017 23:59

Instrument :

BNA_F

ClientSampleId :

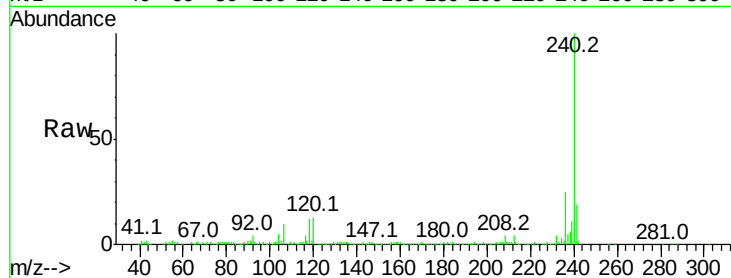
Tot Ion:240 Resp: 287107

Ion Ratio Lower Upper

240 100

120 13.3 5.8 8.8#

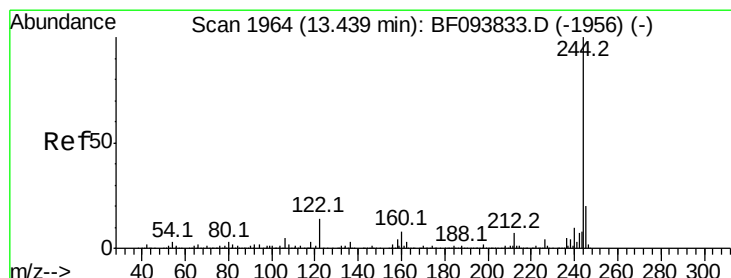
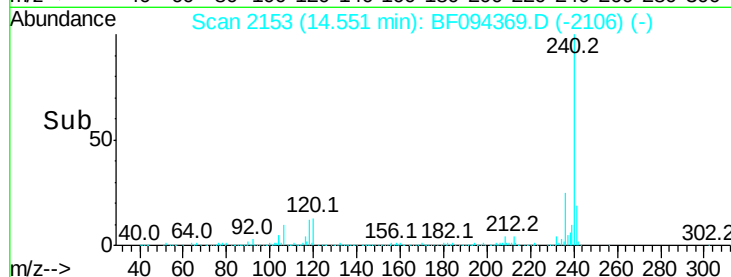
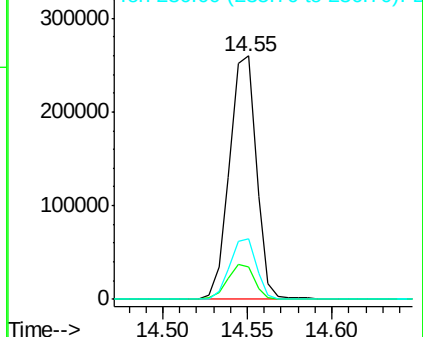
236 25.0 20.5 30.7



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: 72.73 ng

RT: 13.28 min Scan# 1937

Delta R.T. -0.02 min

Lab File: BF094369.D

Acq: 11 Apr 2017 23:59

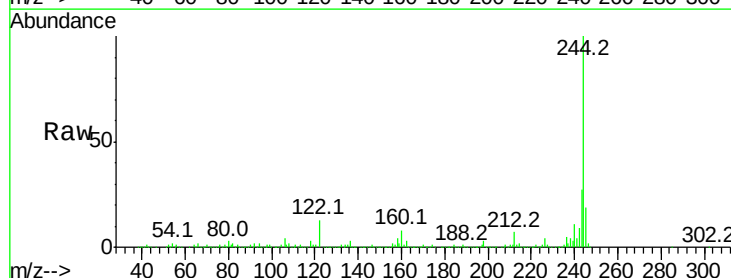
Tgt Ion:244 Resp: 931634

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

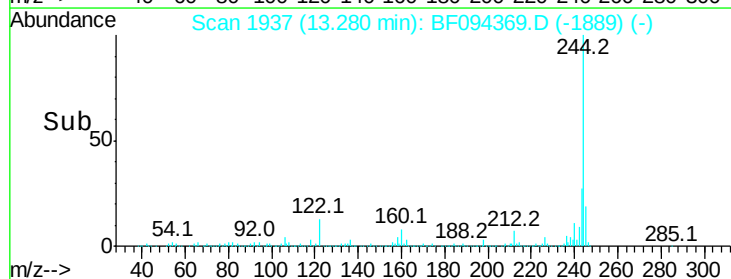
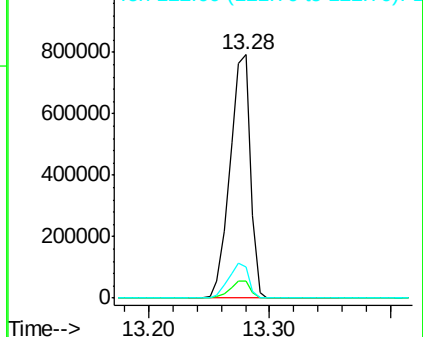
122 12.7 10.3 15.5

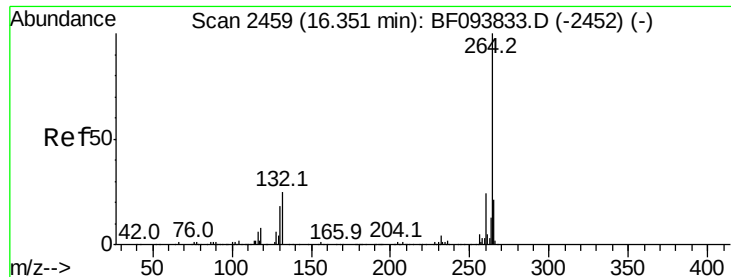


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

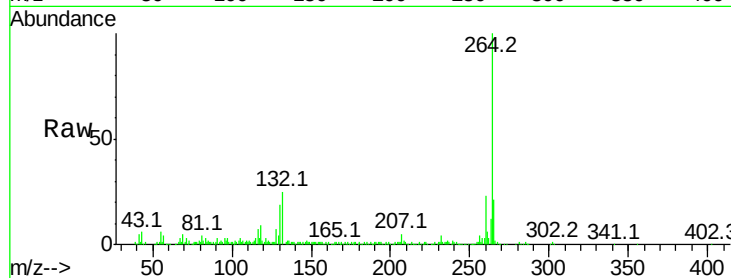




#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.17 min Scan# 2429
Delta R.T. -0.02 min
Lab File: BF094369.D
Acq: 11 Apr 2017 23:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	20.8	17.2	25.8



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

