

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012017\
 Data File : BF092369.D
 Acq On : 20 Jan 2017 13:27
 Operator : UM/SJ
 Sample : I1265-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-4WS

Quant Time: Jan 20 22:12:31 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

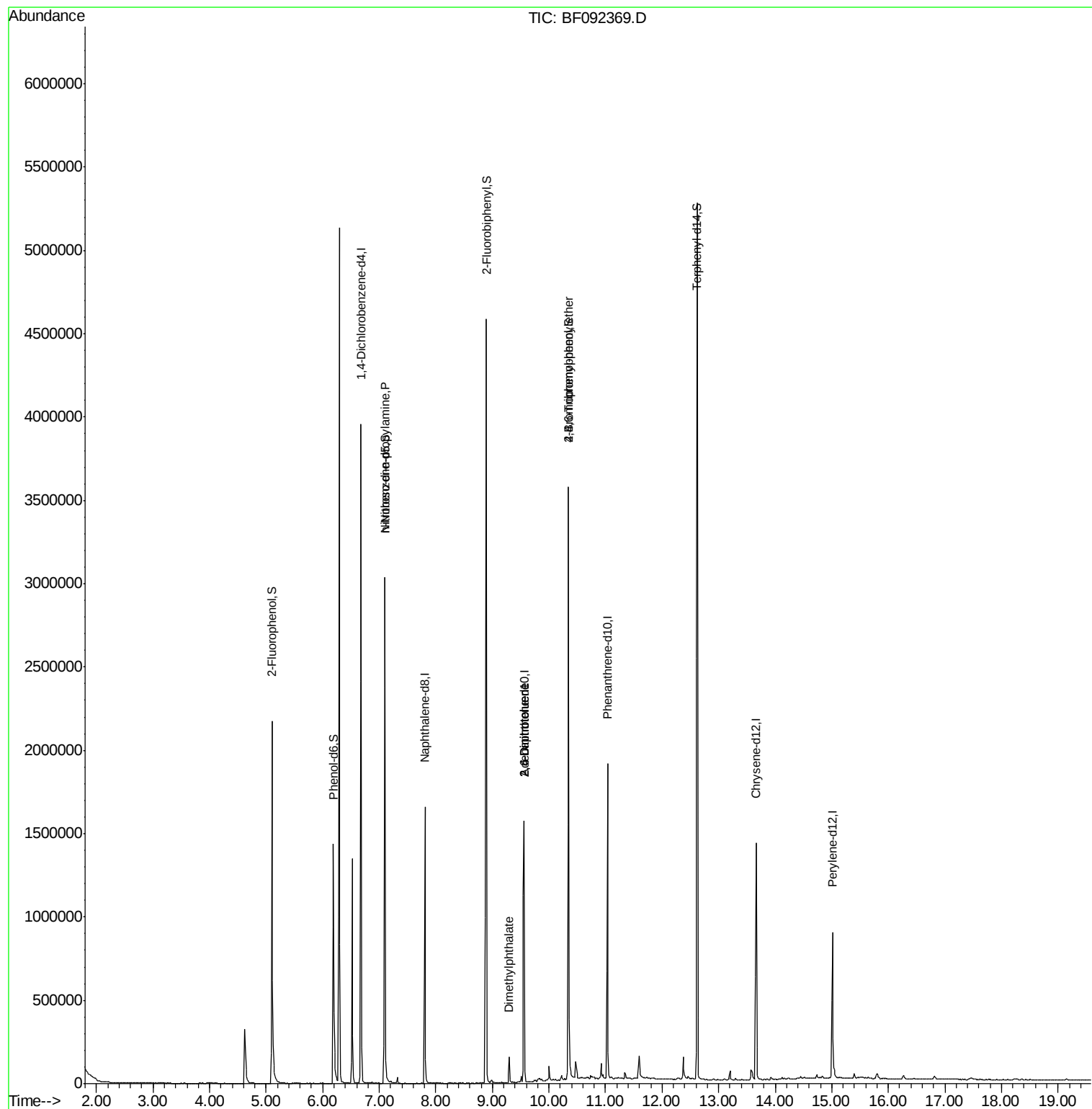
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	774889	20.00	ng	0.04
21) Naphthalene-d8	7.81	136	885840	20.00	ng	-0.12
38) Acenaphthene-d10	9.56	164	468198	20.00	ng	-0.12
63) Phenanthrene-d10	11.03	188	742645	20.00	ng	-0.12
75) Chrysene-d12	13.66	240	574872	20.00	ng	-0.12
86) Perylene-d12	15.01	264	424590	20.00	ng	-0.13
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	727343	15.67	ng	-0.13
7) Phenol-d6	6.19	99	798538	14.09	ng	-0.12
23) Nitrobenzene-d5	7.10	82	1461411	91.74	ng	-0.11
41) 2,4,6-Tribromophenol	10.35	330	458520	118.34	ng	-0.12
44) 2-Fluorobiphenyl	8.90	172	2354680	106.27	ng	-0.11
78) Terphenyl-d14	12.62	244	1847582	77.95	ng	-0.12
Target Compounds						
9) Benzaldehyde	6.19	77	1370	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.10	70	190484	5.05 ng	#	71
37) 2-Methylnaphthalene	8.53	142	209	Below Cal	#	15
49) Dimethylphthalate	9.30	163	69358	2.32 ng	#	99
50) 2,6-Dinitrotoluene	9.56	165	59403	9.06 ng	#	30
56) 2,4-Dinitrotoluene	9.56	165	59403	7.22 ng	#	19
66) 4-Bromophenyl-phenylether	10.35	248	29580	3.83 ng	#	1
71) Anthracene	11.11	178	1049	Below Cal	#	14
73) Di-n-butylphthalate	11.62	149	6849	Below Cal	#	90
74) Fluoranthene	12.24	202	931	Below Cal	#	61
76) Benzydine	12.62	184	26066	Below Cal	#	94

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 428

Delta R.T. 0.04 min

Lab File: BF092369.D

Acq: 20 Jan 2017 13:27

Instrument :

BNA_F

ClientSampleId :

B-4WS

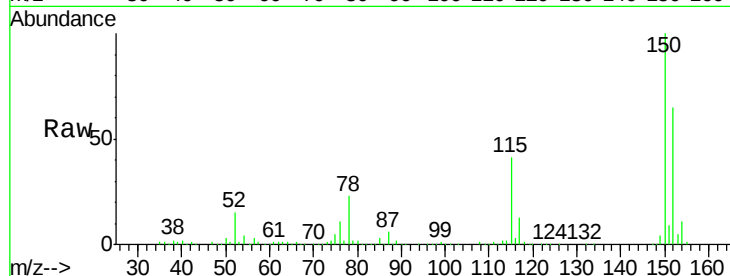
Tgt Ion:152 Resp: 774889

Ion Ratio Lower Upper

152 100

150 153.6 124.9 187.3

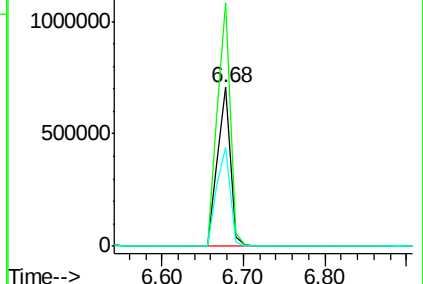
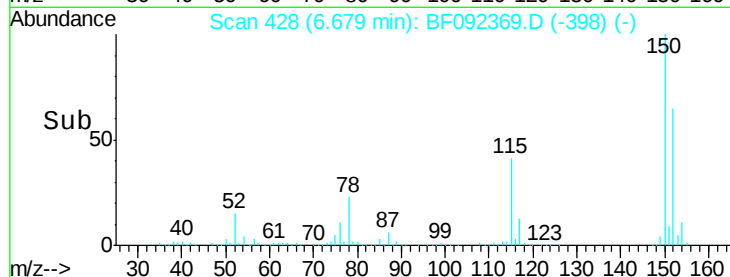
115 62.7 46.0 69.0



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: 15.67 ng

RT: 5.10 min Scan# 290

Delta R.T. -0.13 min

Lab File: BF092369.D

Acq: 20 Jan 2017 13:27

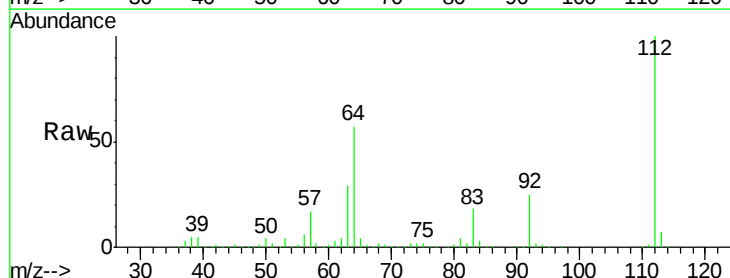
Tgt Ion:112 Resp: 727343

Ion Ratio Lower Upper

112 100

64 56.9 46.1 69.1

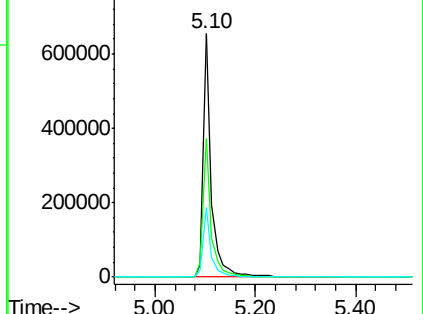
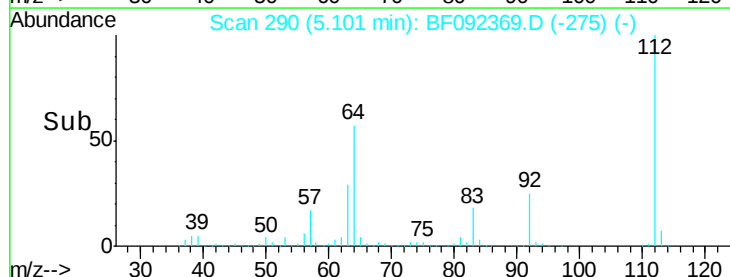
63 28.7 23.8 35.6



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: 14.09 ng

RT: 6.19 min Scan# 385

Delta R.T. -0.12 min

Lab File: BF092369.D

Acq: 20 Jan 2017 13:27

Instrument :

BNA_F

ClientSampleId :

B-4WS

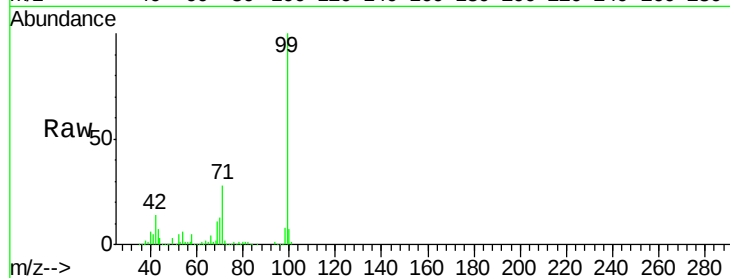
Tgt Ion: 99 Resp: 798538

Ion Ratio Lower Upper

99 100

42 14.2 15.6 23.4#

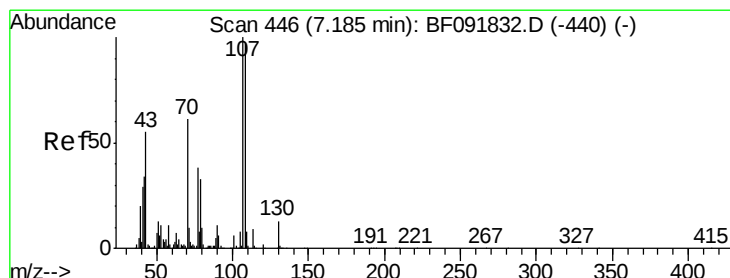
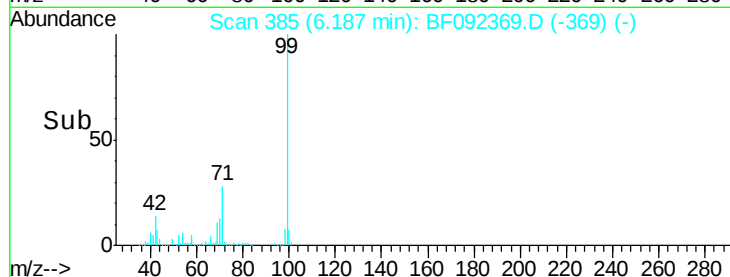
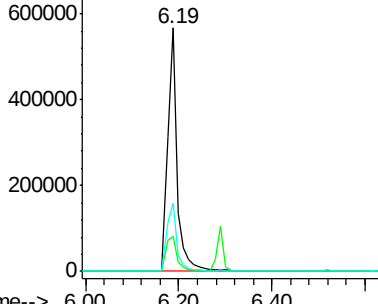
71 28.2 27.5 41.3



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: 5.05 ng

RT: 7.10 min Scan# 465

Delta R.T. 0.03 min

Lab File: BF092369.D

Acq: 20 Jan 2017 13:27

Tgt Ion: 70 Resp: 190484

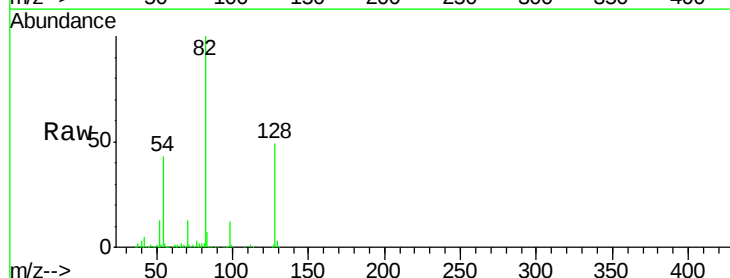
Ion Ratio Lower Upper

70 100

42 39.7 49.4 74.0#

101 0.0 7.4 11.2#

130 2.7 14.2 21.4#

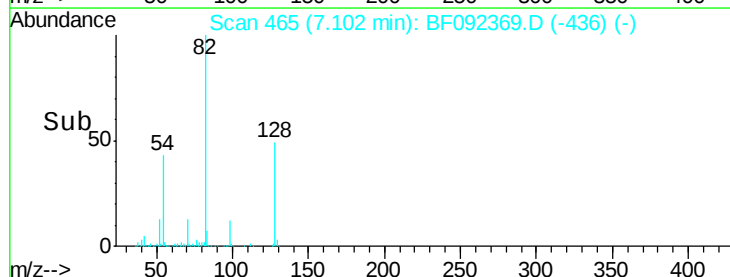
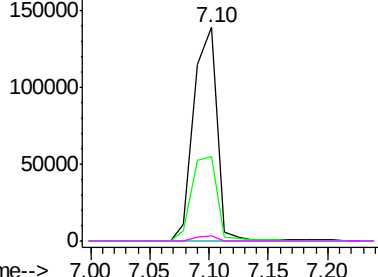


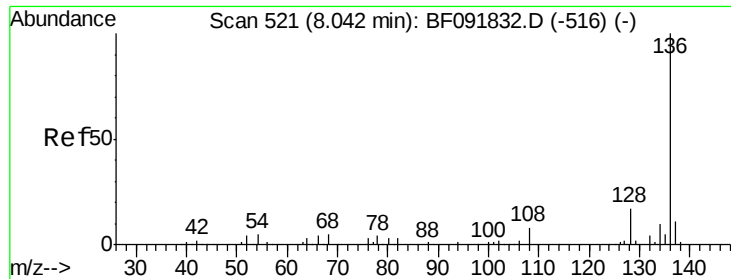
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

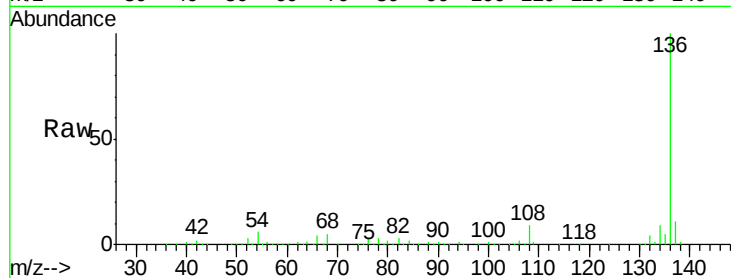




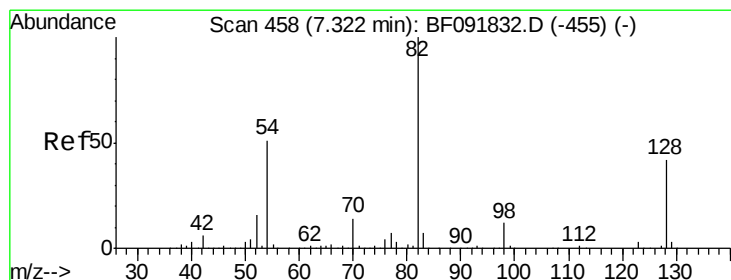
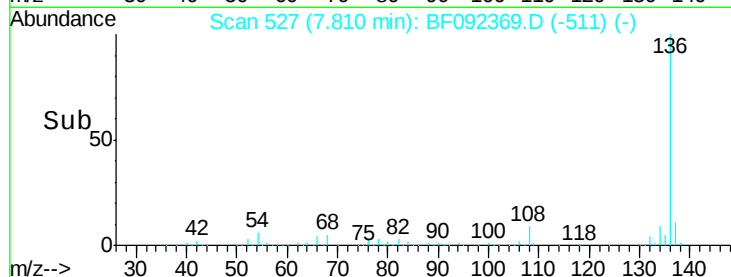
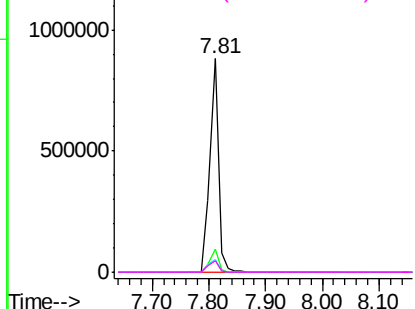
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.81 min Scan# 527
Delta R.T. -0.12 min
Lab File: BF092369.D
Acq: 20 Jan 2017 13:27

Instrument :
BNA_F
ClientSampleId :
B-4WS

Tgt Ion:	136	Resp:	885840
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	6.2	4.5	6.7
68	5.2	3.6	5.4

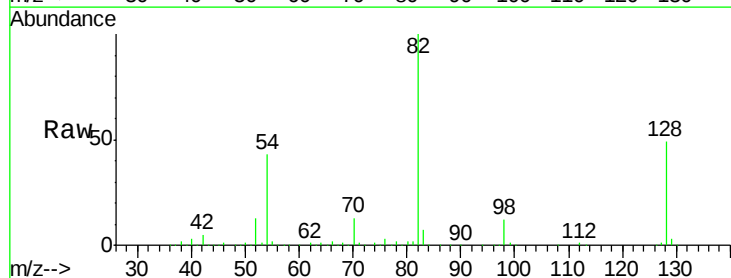


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

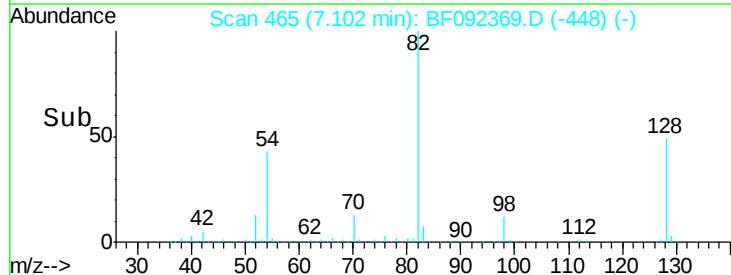
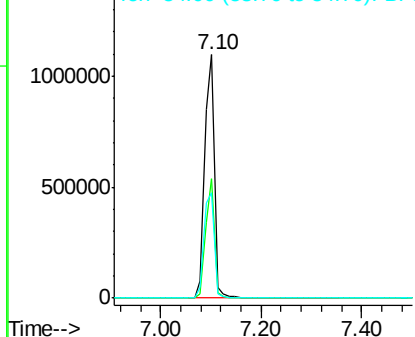


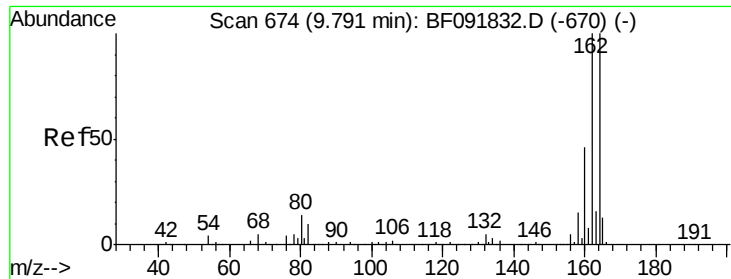
#23
Nitrobenzene-d5
Concen: 91.74 ng
RT: 7.10 min Scan# 465
Delta R.T. -0.11 min
Lab File: BF092369.D
Acq: 20 Jan 2017 13:27

Tgt Ion:	82	Resp:	1461411
Ion	Ratio	Lower	Upper
82	100		
128	48.8	34.6	52.0
54	43.3	39.5	59.3



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.56 min Scan# 680

Delta R.T. -0.12 min

Lab File: BF092369.D

Acq: 20 Jan 2017 13:27

Instrument :

BNA_F

ClientSampleId :

B-4WS

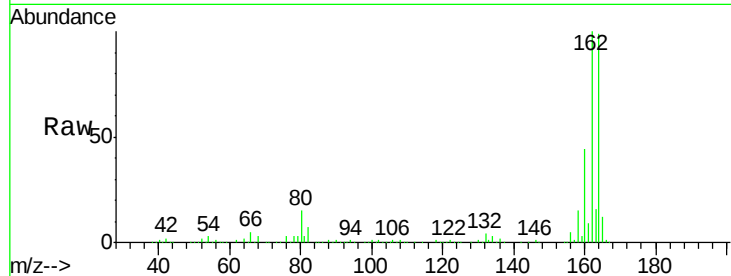
Tgt Ion:164 Resp: 468198

Ion Ratio Lower Upper

164 100

162 101.3 80.2 120.2

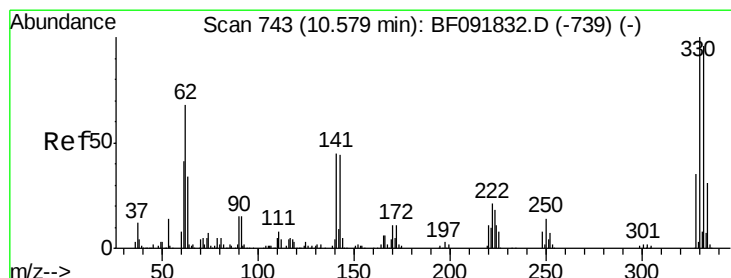
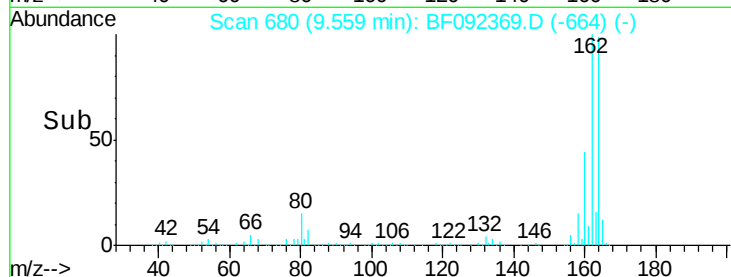
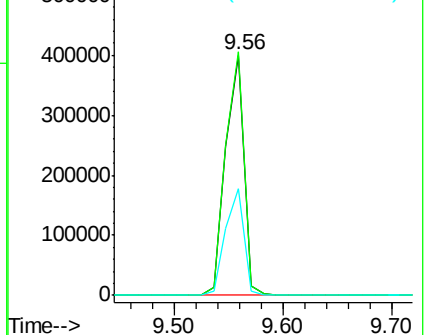
160 44.2 36.9 55.3



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: 118.34 ng

RT: 10.35 min Scan# 749

Delta R.T. -0.12 min

Lab File: BF092369.D

Acq: 20 Jan 2017 13:27

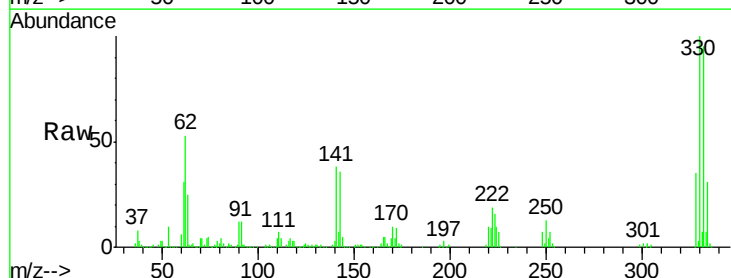
Tgt Ion:330 Resp: 458520

Ion Ratio Lower Upper

330 100

332 97.2 77.4 116.2

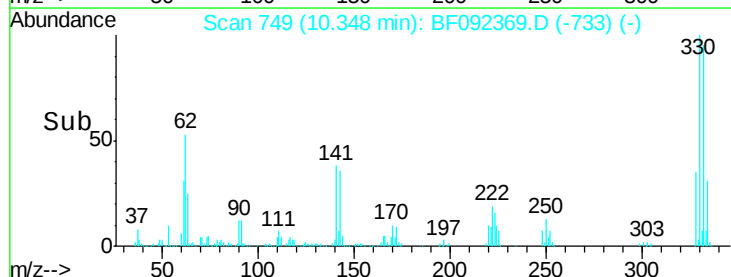
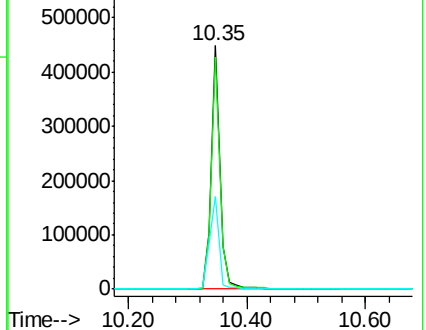
141 41.4 34.1 51.1

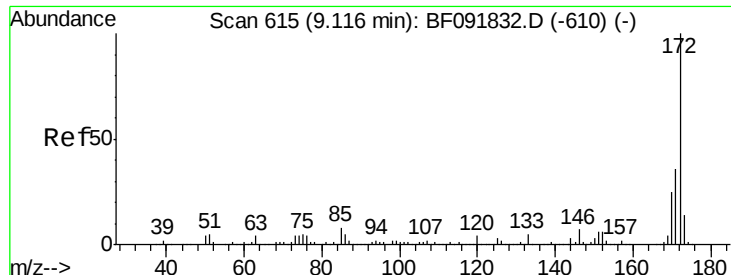


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

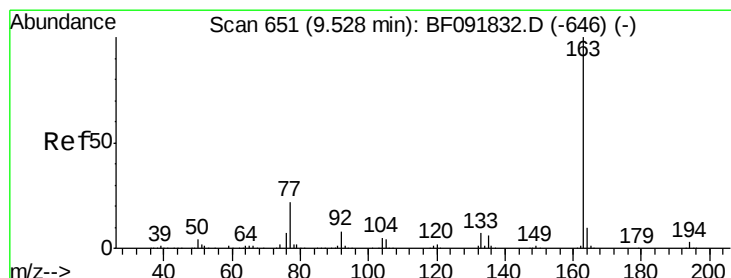
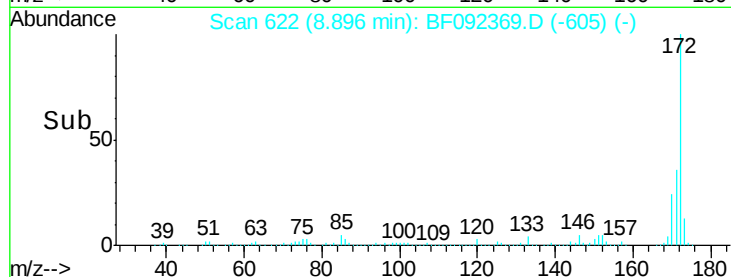
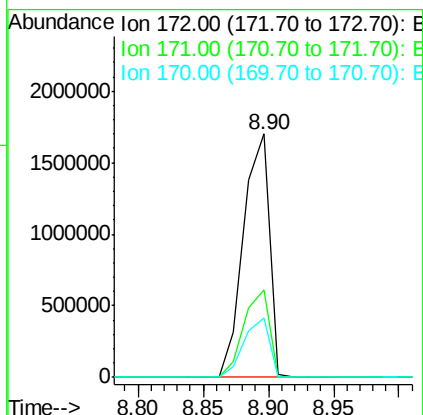
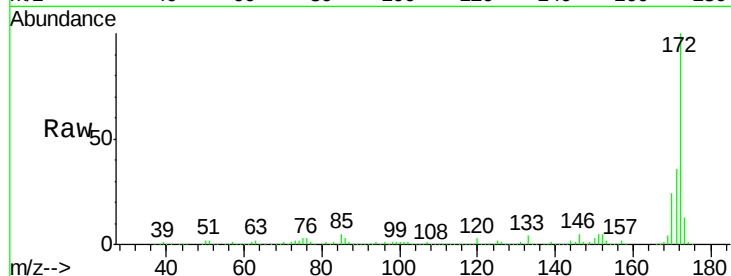




#44
2-Fluorobiphenyl
Concen: 106.27 ng
RT: 8.90 min Scan# 622
Delta R.T. -0.11 min
Lab File: BF092369.D
Acq: 20 Jan 2017 13:27

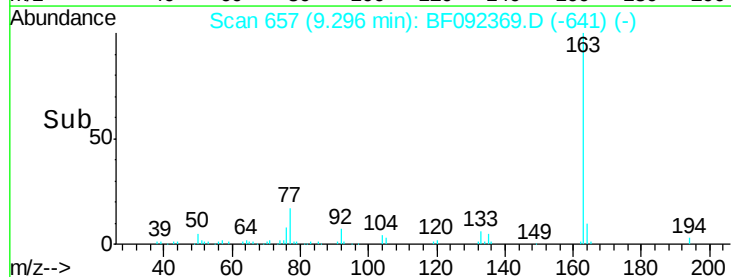
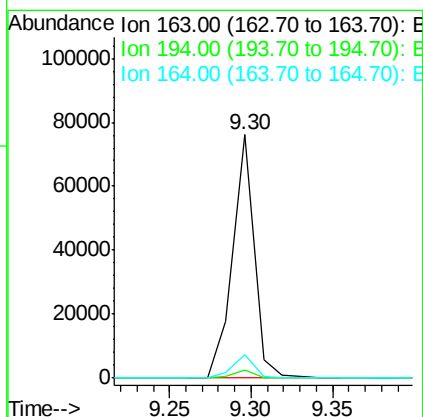
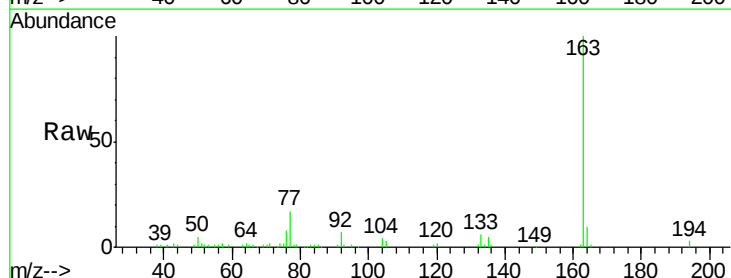
Instrument :
BNA_F
ClientSampleId :
B-4WS

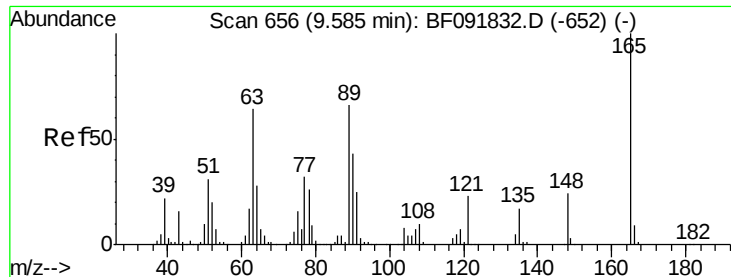
Tgt Ion:172 Resp: 2354680
Ion Ratio Lower Upper
172 100
171 35.9 29.4 44.0
170 24.3 20.2 30.4



#49
Dimethylphthalate
Concen: 2.32 ng
RT: 9.30 min Scan# 657
Delta R.T. -0.12 min
Lab File: BF092369.D
Acq: 20 Jan 2017 13:27

Tgt Ion:163 Resp: 69358
Ion Ratio Lower Upper
163 100
194 3.3 3.0 4.4
164 9.8 8.0 12.0

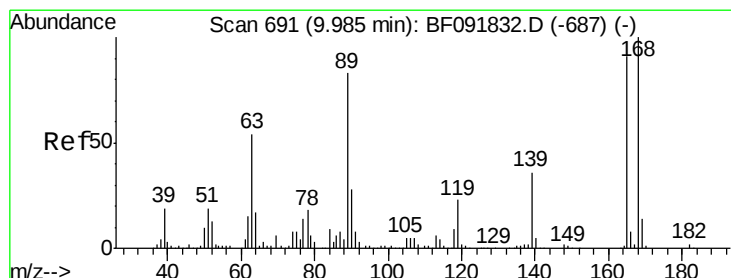
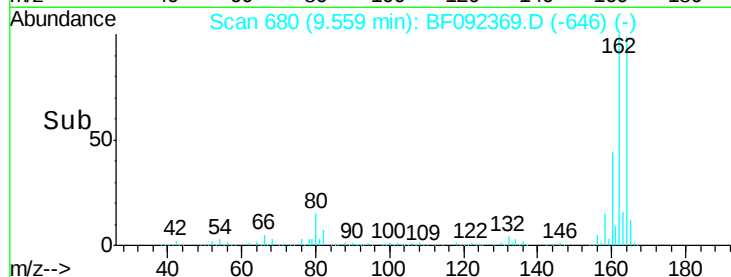
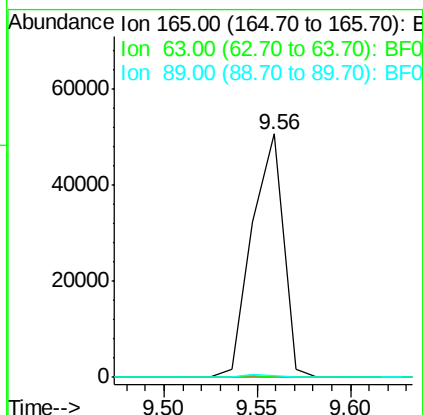
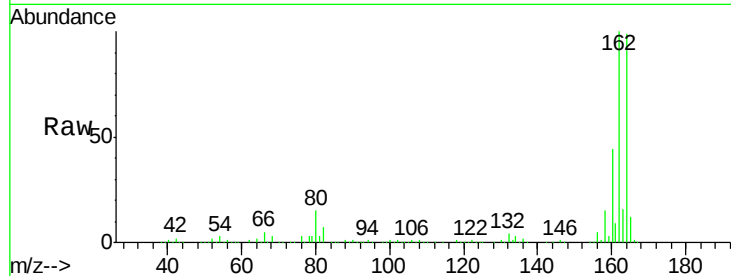




#50
 2,6-Dinitrotoluene
 Concen: 9.06 ng
 RT: 9.56 min Scan# 680
 Delta R.T. 0.08 min
 Lab File: BF092369.D
 Acq: 20 Jan 2017 13:27

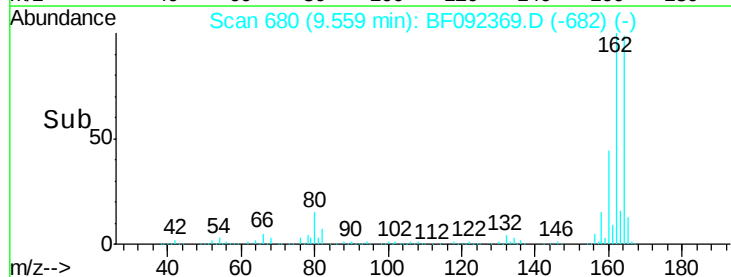
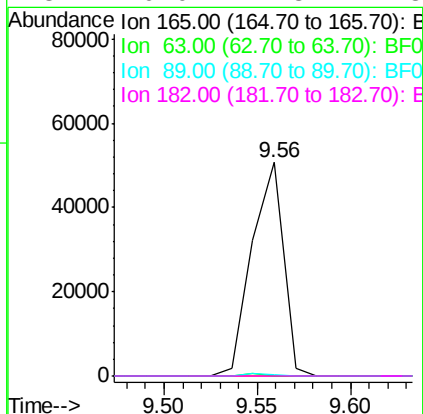
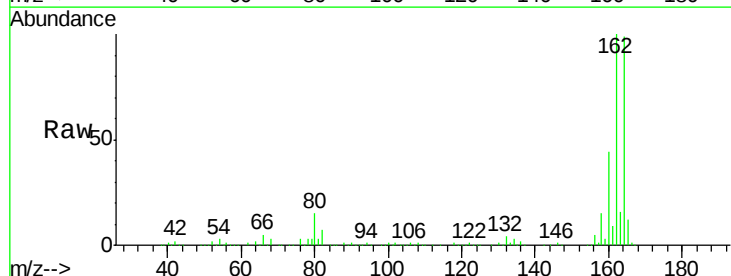
Instrument :
 BNA_F
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 B-4WS

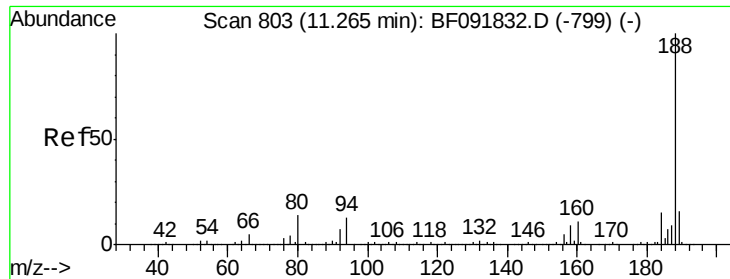
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.2	54.4#
89	0.9	40.2	60.4#



#56
 2,4-Dinitrotoluene
 Concen: 7.22 ng
 RT: 9.56 min Scan# 680
 Delta R.T. -0.33 min
 Lab File: BF092369.D
 Acq: 20 Jan 2017 13:27

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.2	60.4#
89	0.9	62.5	93.7#
182	0.0	1.8	2.8#

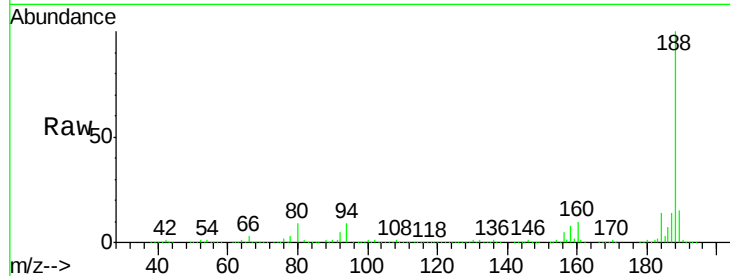




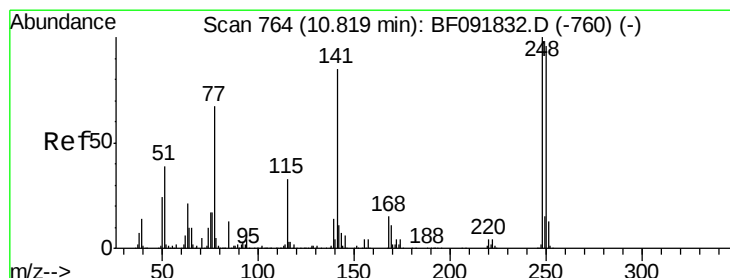
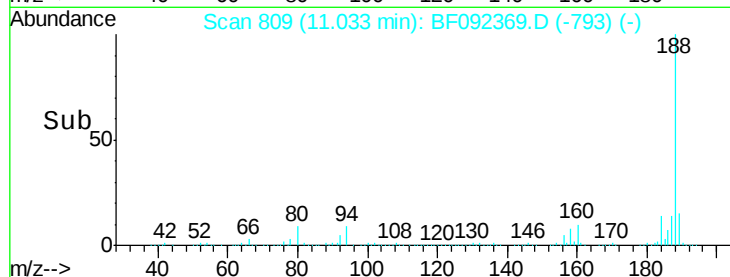
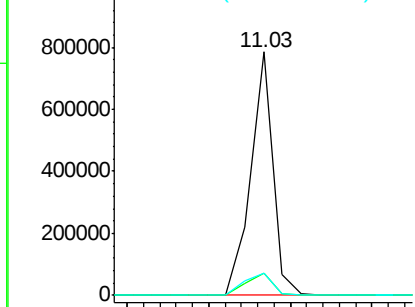
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.03 min Scan# 809
 Delta R.T. -0.12 min
 Lab File: BF092369.D
 Acq: 20 Jan 2017 13:27

Instrument :
 BNA_F
 ClientSampleId :
 B-4WS

Tgt Ion:188 Resp: 742645
 Ion Ratio Lower Upper
 188 100
 94 8.9 10.0 15.0#
 80 9.2 11.2 16.8#

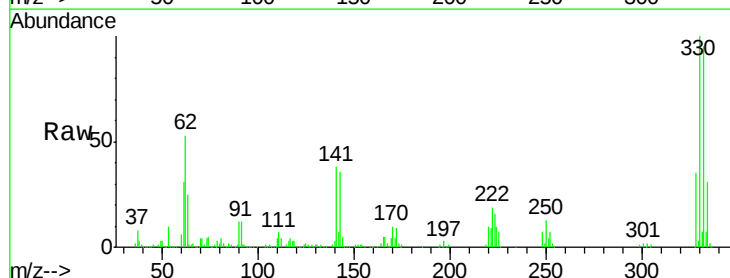


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

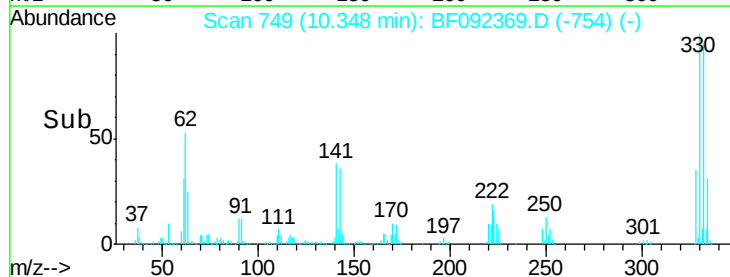
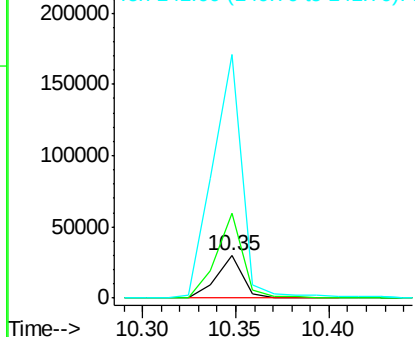


#66
 4-Bromophenyl-phenylether
 Concen: 3.83 ng
 RT: 10.35 min Scan# 749
 Delta R.T. -0.36 min
 Lab File: BF092369.D
 Acq: 20 Jan 2017 13:27

Tgt Ion:248 Resp: 29580
 Ion Ratio Lower Upper
 248 100
 250 199.0 76.9 115.3#
 141 571.7 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





#73

Di-n-butylphthalate

Concen: Below Cal

RT: 11.62 min Scan# 860

Delta R.T. -0.11 min

Lab File: BF092369.D

Acq: 20 Jan 2017 13:27

Instrument :

BNA_F

ClientSampleId :

B-4WS

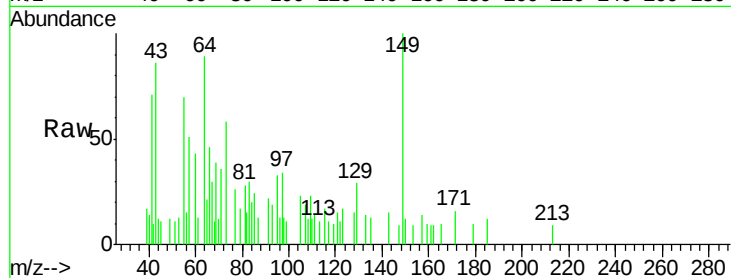
Tgt Ion:149 Resp: 6849

Ion Ratio Lower Upper

149 100

150 12.4 8.1 12.1#

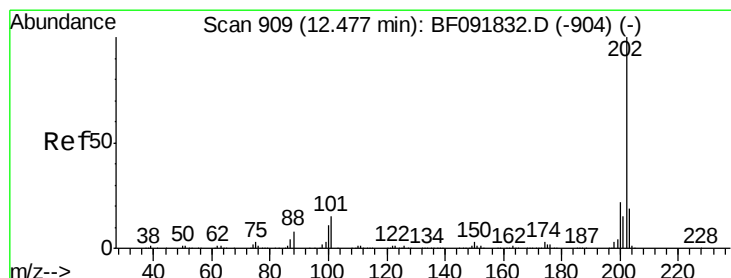
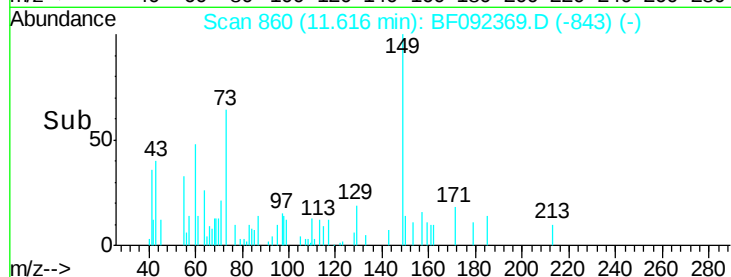
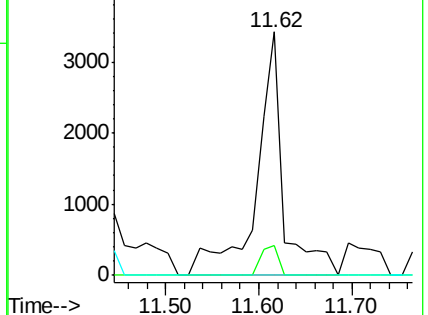
104 0.0 4.6 7.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: Below Cal

RT: 12.24 min Scan# 915

Delta R.T. -0.12 min

Lab File: BF092369.D

Acq: 20 Jan 2017 13:27

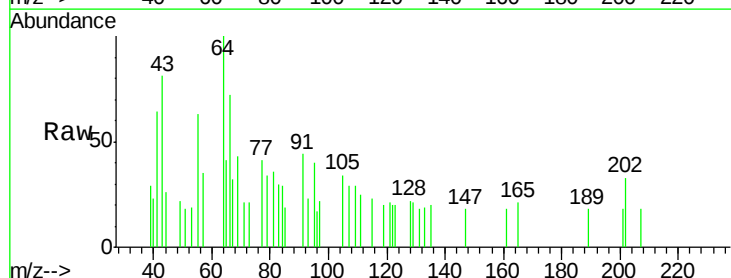
Tgt Ion:202 Resp: 931

Ion Ratio Lower Upper

202 100

101 0.0 0.0 34.6

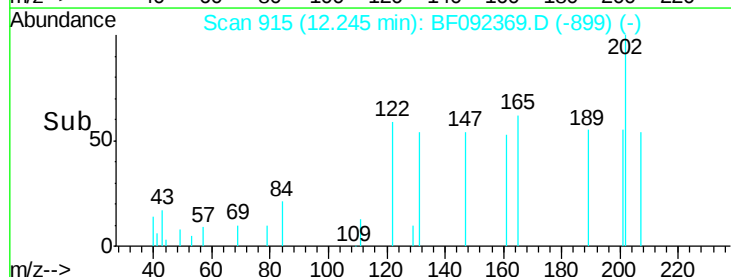
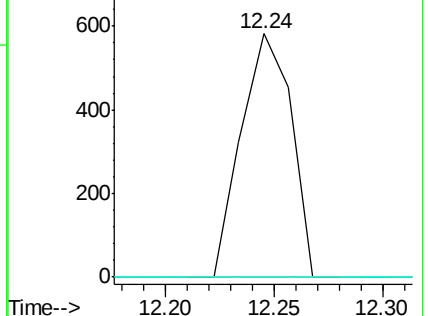
203 0.0 0.0 38.7

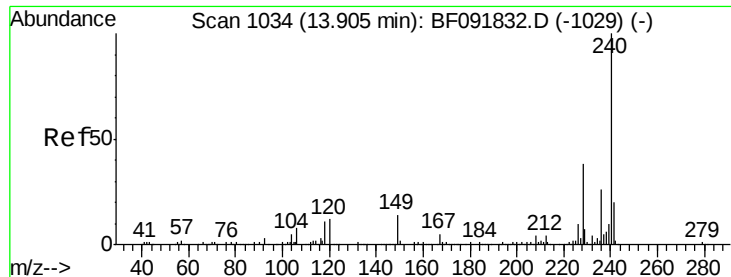


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.66 min Scan# 1039

Delta R.T. -0.12 min

Lab File: BF092369.D

Acq: 20 Jan 2017 13:27

Instrument :

BNA_F

ClientSampleId :

B-4WS

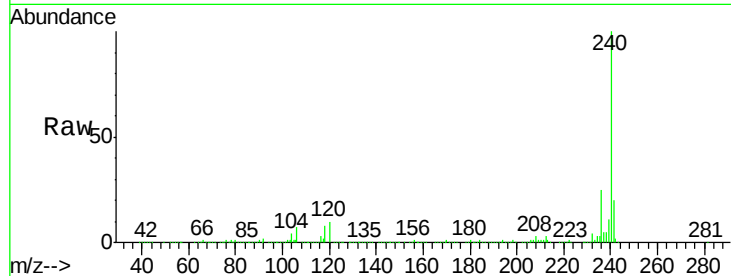
Tgt Ion:240 Resp: 574872

Ion Ratio Lower Upper

240 100

120 10.0 12.9 19.3#

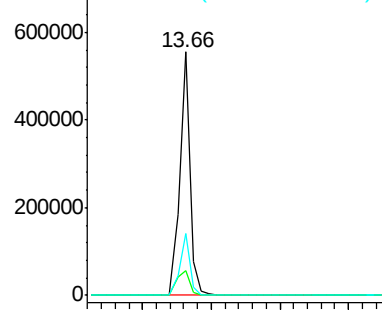
236 25.1 20.9 31.3



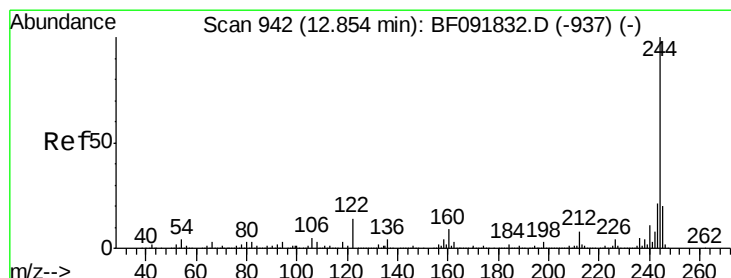
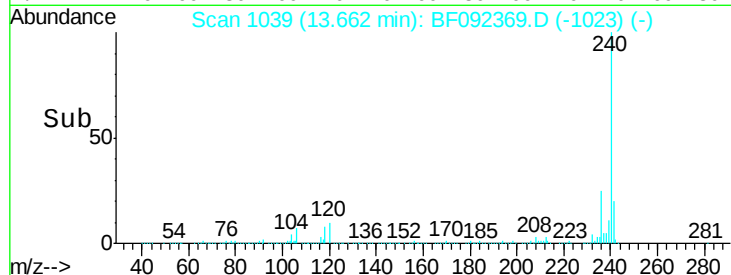
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#78

Terphenyl-d14

Concen: 77.95 ng

RT: 12.62 min Scan# 948

Delta R.T. -0.12 min

Lab File: BF092369.D

Acq: 20 Jan 2017 13:27

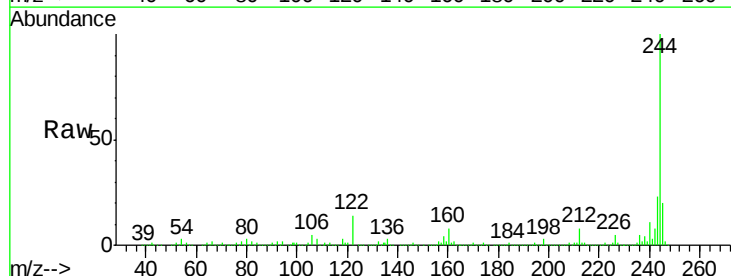
Tgt Ion:244 Resp: 1847582

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

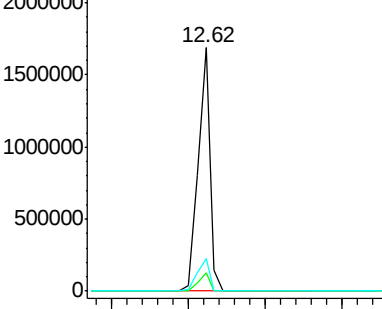
122 13.5 11.4 17.2



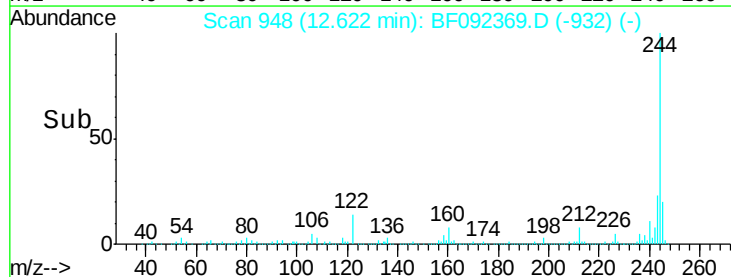
Abundance Ion 244.00 (243.70 to 244.70): E

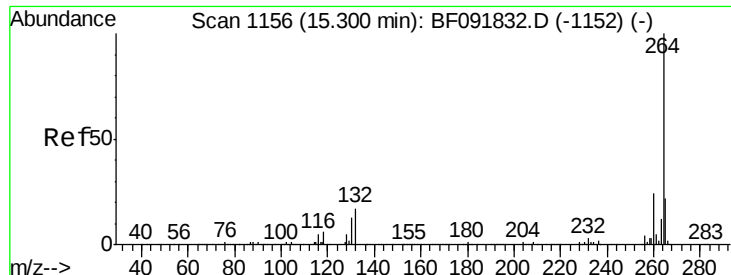
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->

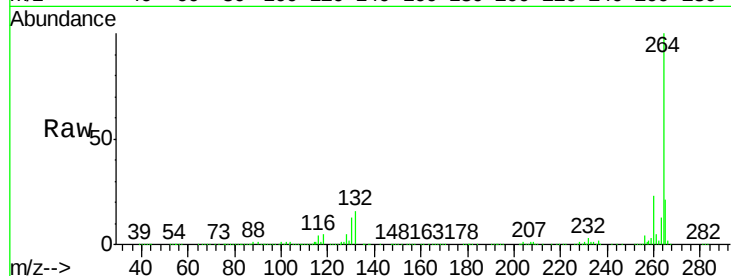




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.01 min Scan# 1157
Delta R.T. -0.13 min
Lab File: BF092369.D
Acq: 20 Jan 2017 13:27

Instrument :
BNA_F
ClientSampleId :
B-4WS

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	21.2	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

