

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121716\
 Data File : BF091729.D
 Acq On : 18 Dec 2016 3:59
 Operator : UM/SJ
 Sample : H6101-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW01-121316

Quant Time: Dec 19 00:13:57 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 17 22:53:54 2016
 Response via : Initial Calibration

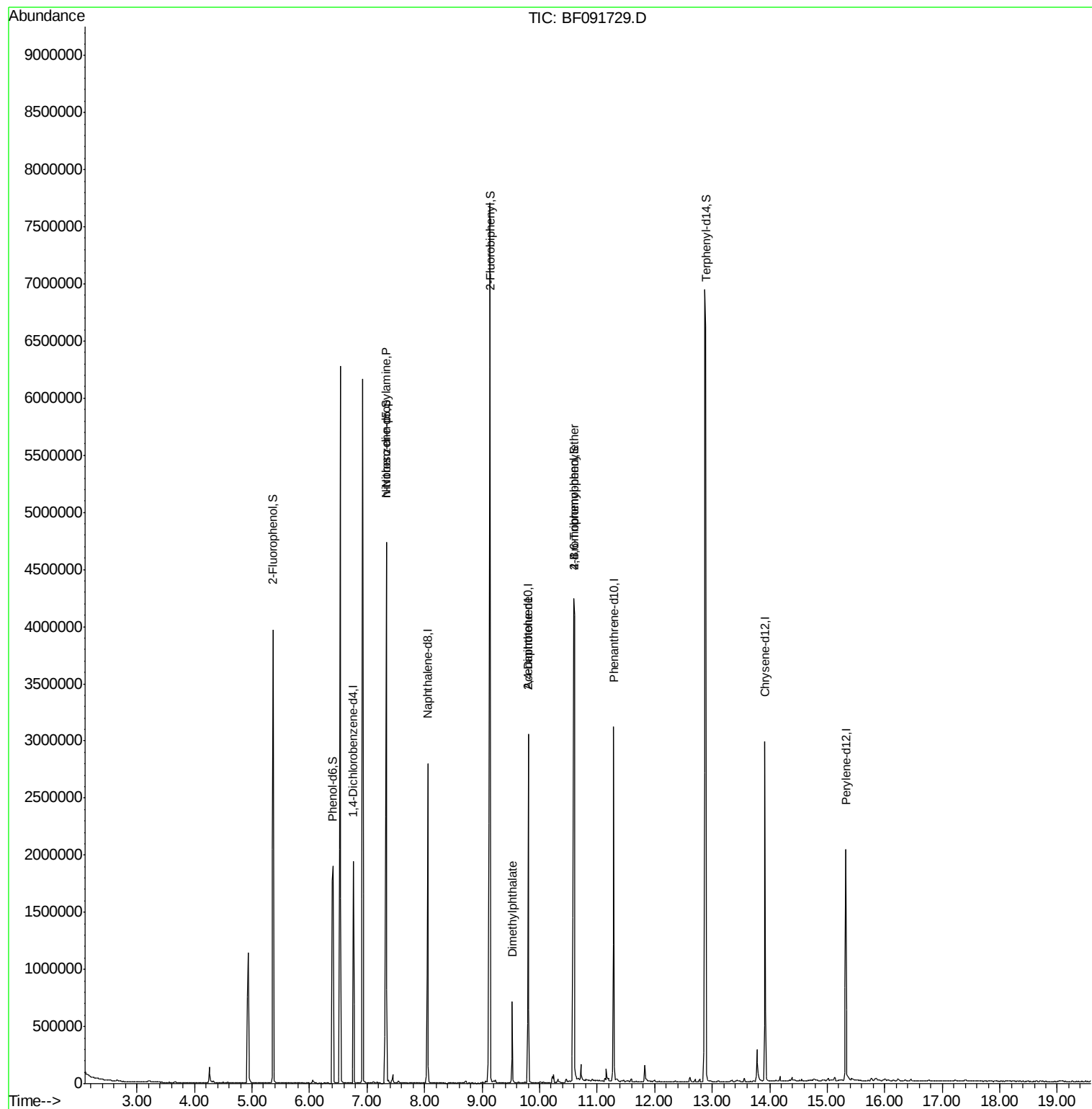
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	314789	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	1353559	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	684963	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	1233921	20.00	ng	0.00
75) Chrysene-d12	13.92	240	1007022	20.00	ng	-0.01
86) Perylene-d12	15.32	264	904459	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1238323	65.91	ng	0.00
7) Phenol-d6	6.41	99	974310	42.52	ng	-0.01
23) Nitrobenzene-d5	7.33	82	2015316	85.86	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	908096	156.35	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	3751082	110.02	ng	0.00
78) Terphenyl-d14	12.89	244	3765114	94.40	ng	0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.33	70	269974	17.71	ng	# 77
49) Dimethylphthalate	9.53	163	311797	6.97	ng	99
56) 2,4-Dinitrotoluene	9.80	165	90582	7.39	ng	# 20
66) 4-Bromophenyl-phenylether	10.60	248	58896	4.55	ng	# 1

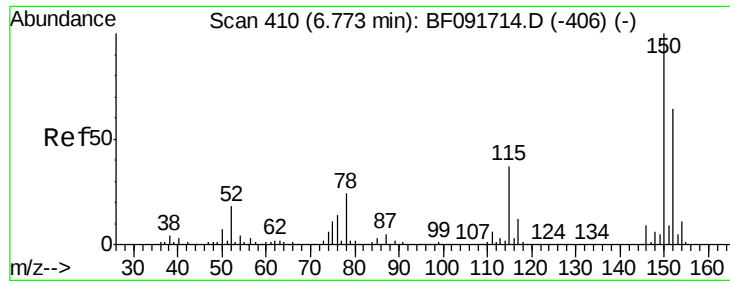
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Dec 17 22:53:54 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF091729.D

Acq: 18 Dec 2016 3:59

Instrument :

BNA_F

ClientSampleId :

SW01-121316

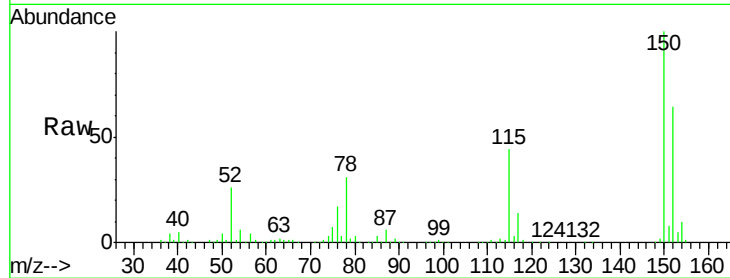
Tgt Ion:152 Resp: 314789

Ion Ratio Lower Upper

152 100

150 155.8 124.9 187.3

115 67.8 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

600000

500000

400000

300000

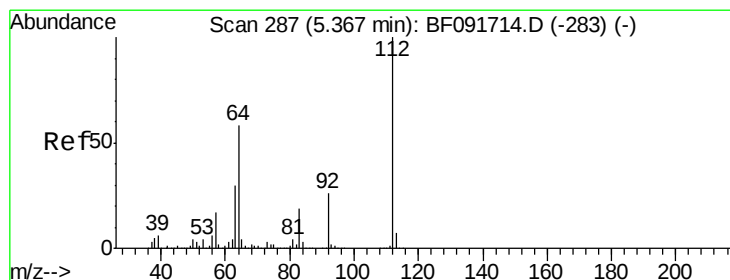
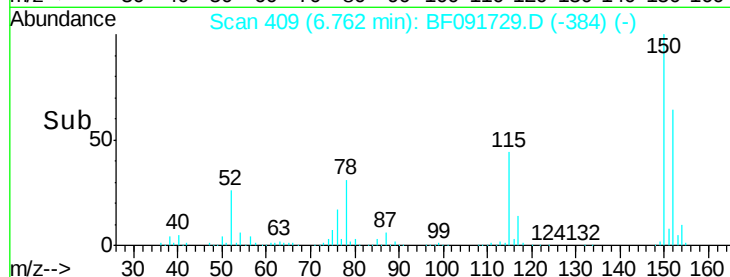
200000

100000

0

6.70 6.75 6.80 6.85

Time-->



#5

2-Fluorophenol

Concen: 65.91 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.00 min

Lab File: BF091729.D

Acq: 18 Dec 2016 3:59

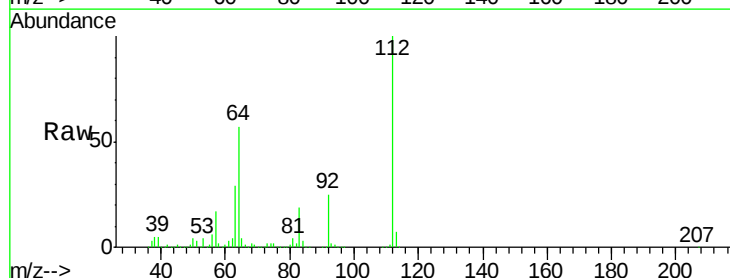
Tgt Ion:112 Resp: 1238323

Ion Ratio Lower Upper

112 100

64 57.2 46.1 69.1

63 29.1 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

1500000

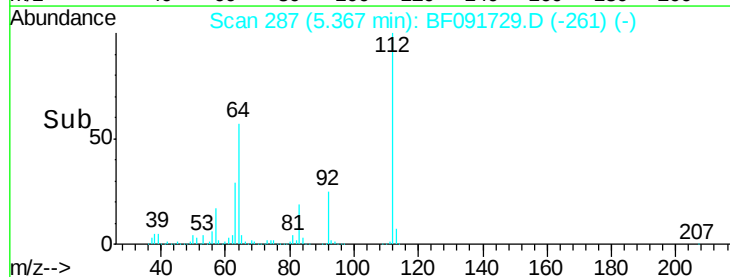
1000000

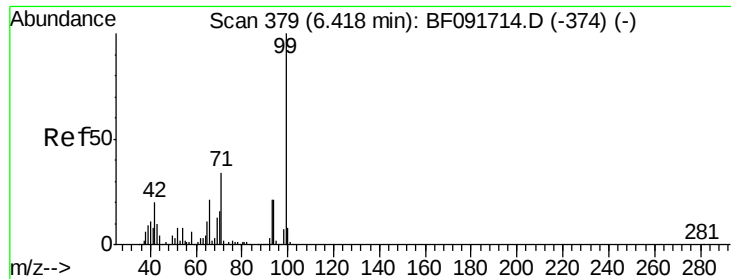
500000

0

5.30 5.40 5.50 5.60

Time-->





#7

Phenol-d6

Concen: 42.52 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF091729.D

Acq: 18 Dec 2016 3:59

Instrument :

BNA_F

ClientSampleId :

SW01-121316

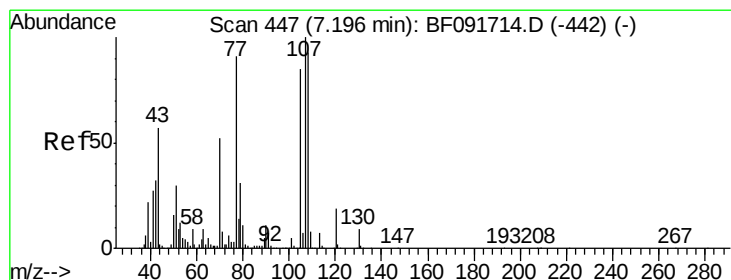
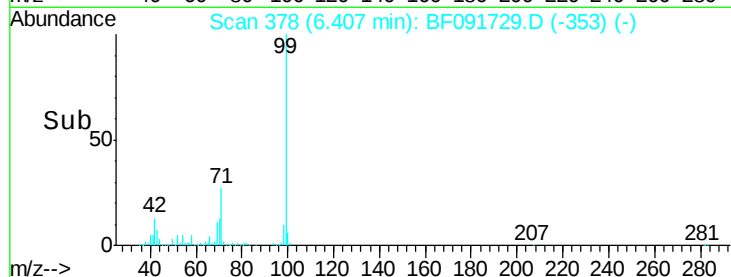
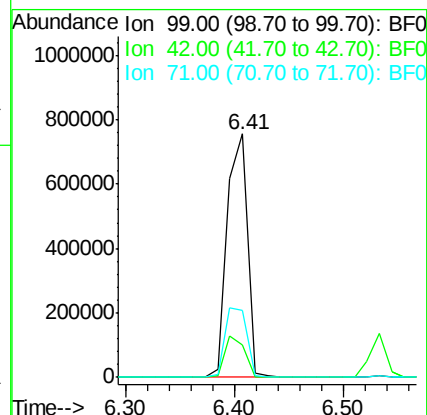
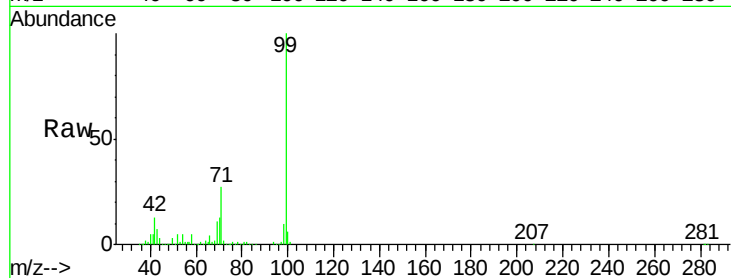
Tgt Ion: 99 Resp: 974310

Ion Ratio Lower Upper

99 100

42 13.3 15.6 23.4#

71 27.4 27.5 41.3#



#19

n-Nitroso-di-n-propylamine

Concen: 17.71 ng

RT: 7.33 min Scan# 459

Delta R.T. 0.14 min

Lab File: BF091729.D

Acq: 18 Dec 2016 3:59

Tgt Ion: 70 Resp: 269974

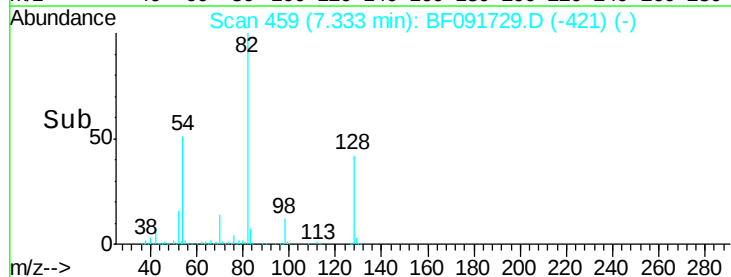
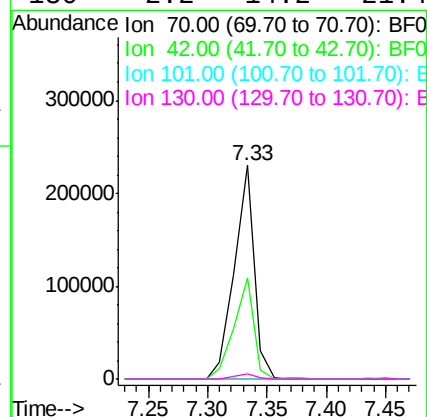
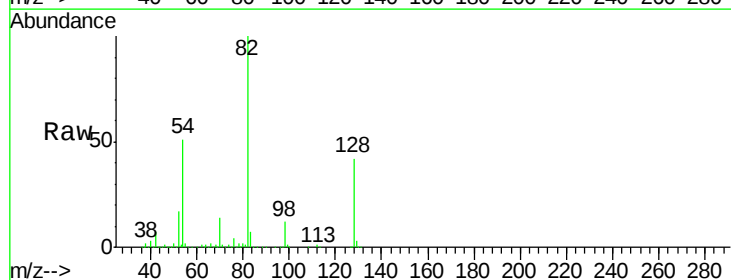
Ion Ratio Lower Upper

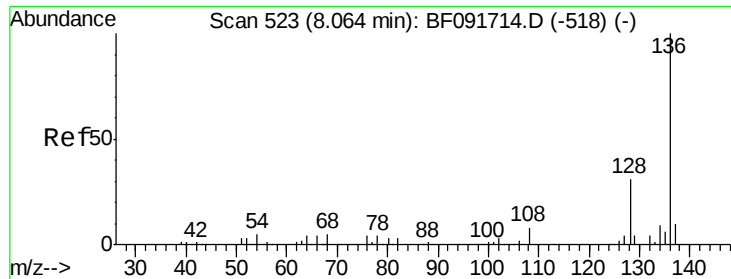
70 100

42 47.2 49.4 74.0#

101 0.0 7.4 11.2#

130 2.2 14.2 21.4#

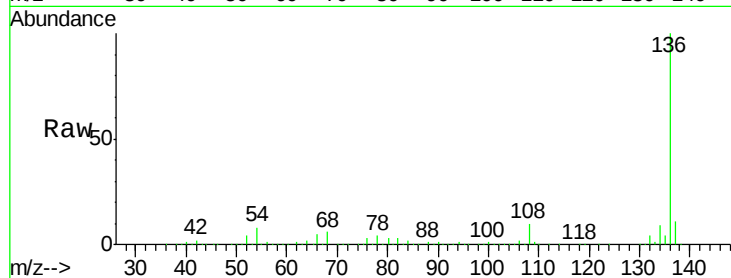




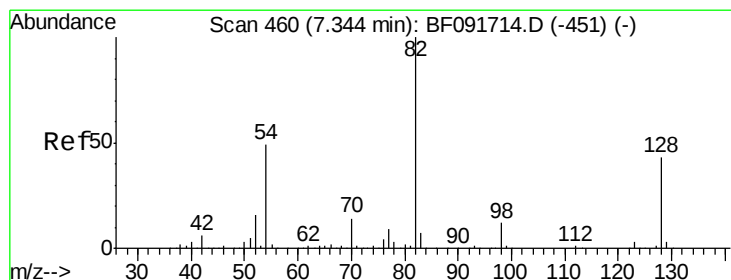
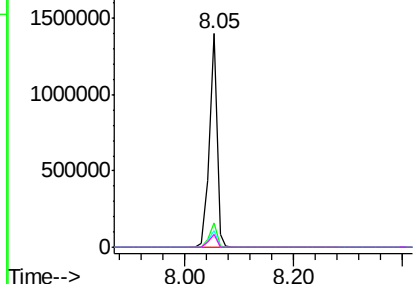
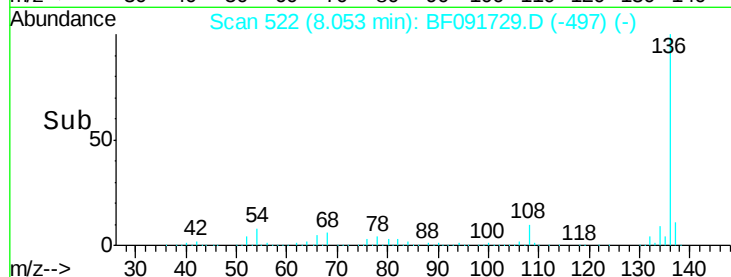
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF091729.D
Acq: 18 Dec 2016 3:59

Instrument :
BNA_F
ClientSampleId :
SW01-121316

Tgt Ion:136 Resp: 1353559
Ion Ratio Lower Upper
136 100
137 11.3 8.4 12.6
54 7.6 4.5 6.7#
68 6.1 3.6 5.4#

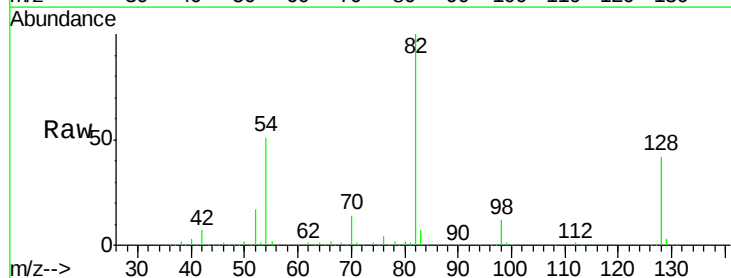


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

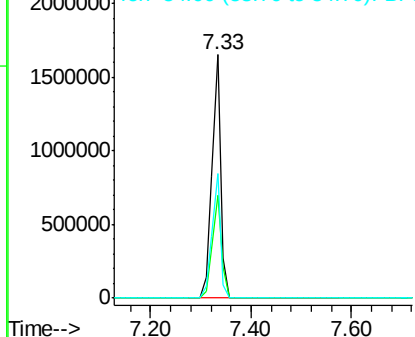
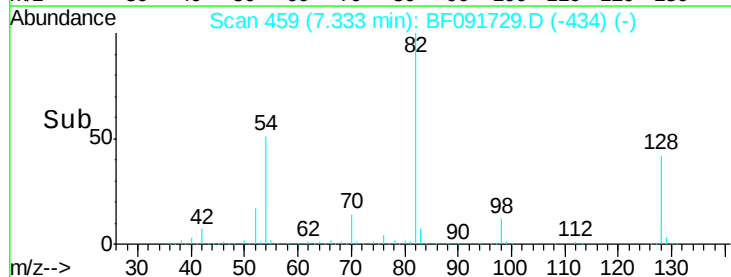


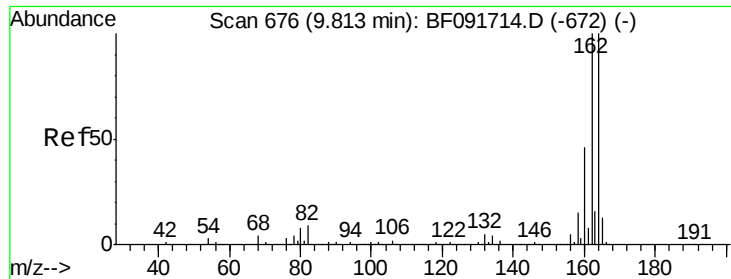
#23
Nitrobenzene-d5
Concen: 85.86 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF091729.D
Acq: 18 Dec 2016 3:59

Tgt Ion: 82 Resp: 2015316
Ion Ratio Lower Upper
82 100
128 42.0 34.6 52.0
54 51.0 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

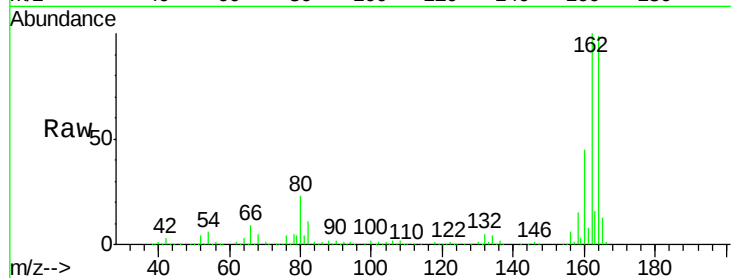




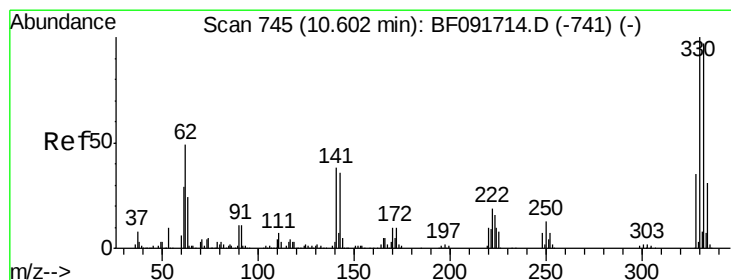
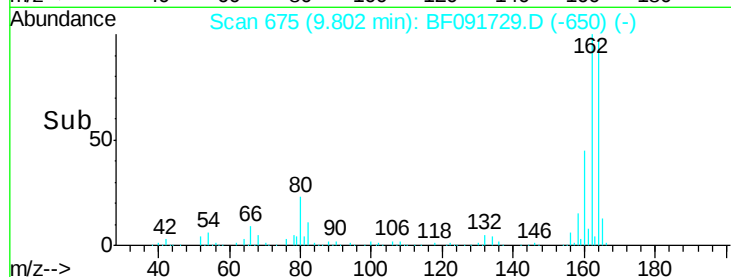
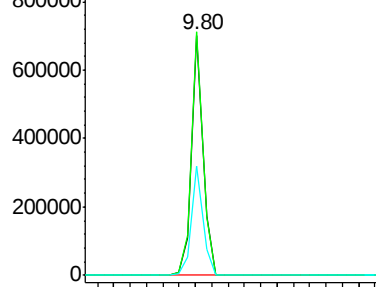
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF091729.D
Acq: 18 Dec 2016 3:59

Instrument :
BNA_F
ClientSampleId :
SW01-121316

Tgt Ion:164 Resp: 684963
Ion Ratio Lower Upper
164 100
162 101.4 80.2 120.2
160 45.7 36.9 55.3

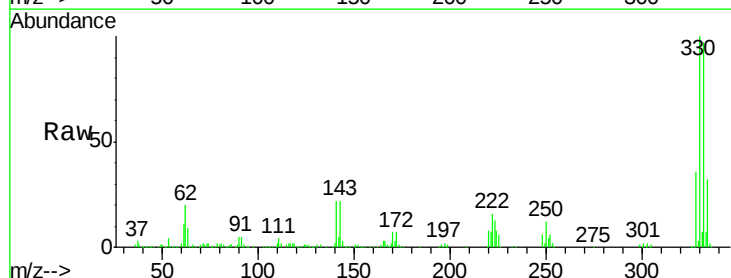


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

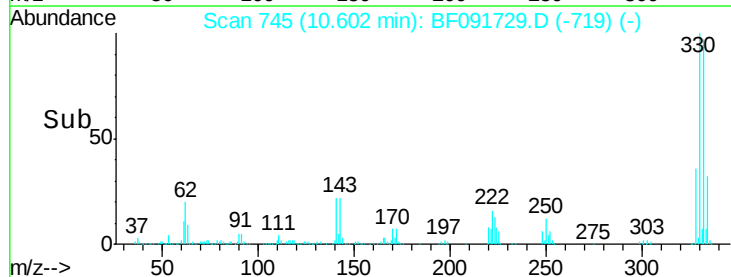
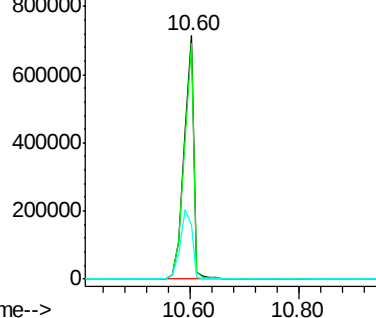


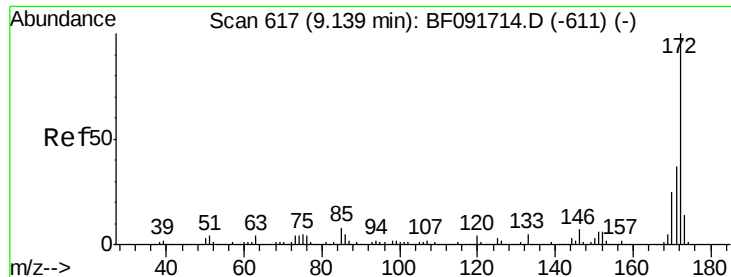
#41
2,4,6-Tribromophenol
Concen: 156.35 ng
RT: 10.60 min Scan# 745
Delta R.T. 0.00 min
Lab File: BF091729.D
Acq: 18 Dec 2016 3:59

Tgt Ion:330 Resp: 908096
Ion Ratio Lower Upper
330 100
332 95.8 77.4 116.2
141 34.9 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



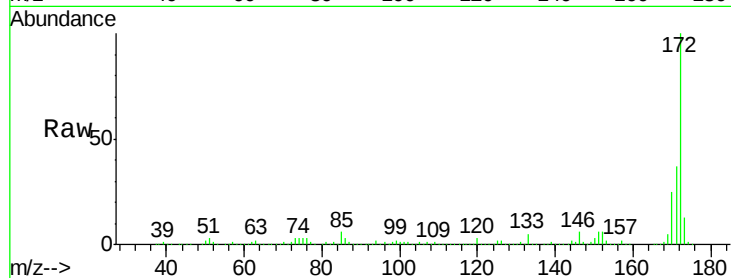


#44
 2-Fluorobiphenyl
 Concen: 110.02 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF091729.D
 Acq: 18 Dec 2016 3:59

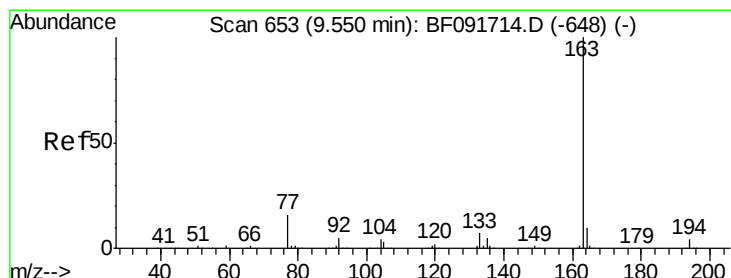
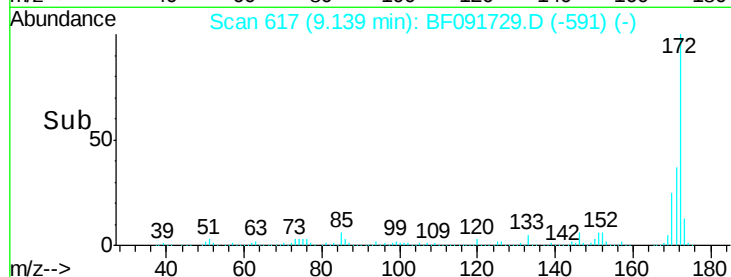
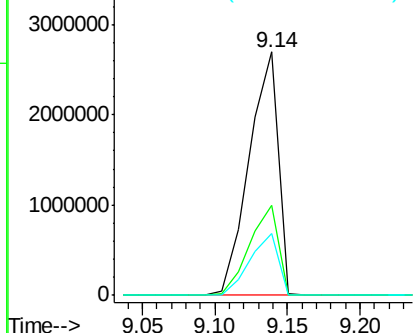
Instrument :
 BNA_F
 ClientSampleId :
 SW01-121316

Tgt Ion:172 Resp: 3751082

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.4	44.0
170	25.2	20.2	30.4



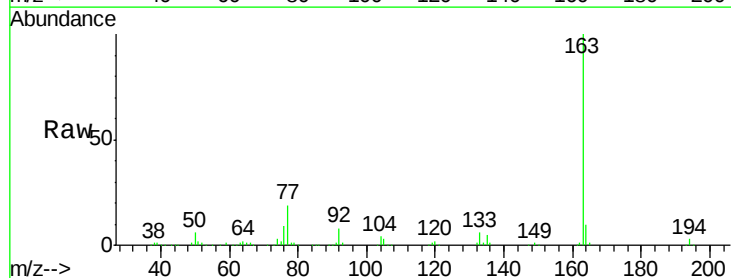
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



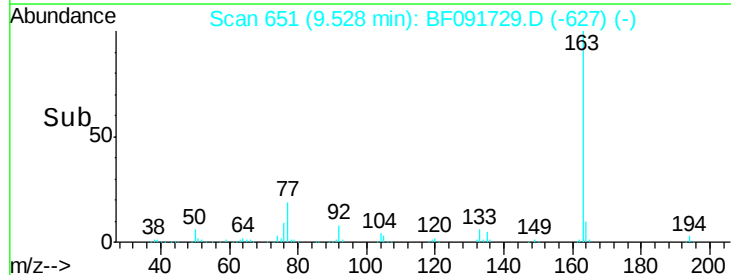
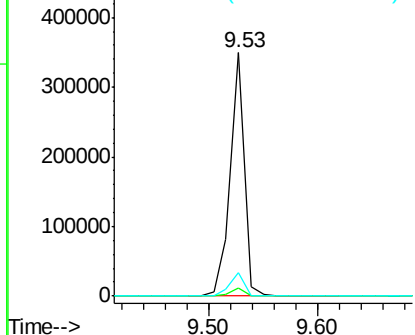
#49
 Dimethylphthalate
 Concen: 6.97 ng
 RT: 9.53 min Scan# 651
 Delta R.T. -0.02 min
 Lab File: BF091729.D
 Acq: 18 Dec 2016 3:59

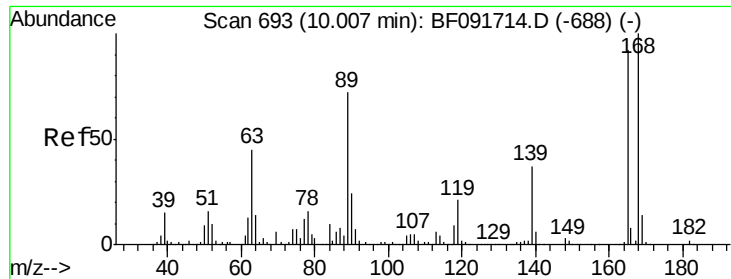
Tgt Ion:163 Resp: 311797

Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.0	4.4
164	9.8	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

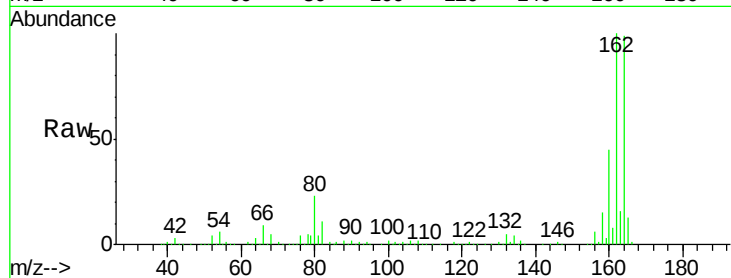




#56
 2,4-Dinitrotoluene
 Concen: 7.39 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.21 min
 Lab File: BF091729.D
 Acq: 18 Dec 2016 3:59

Instrument :
 BNA_F
 ClientSampled :
 SW01-121316

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	40.2	60.4#
89	1.0	62.5	93.7#
182	0.0	1.8	2.8#

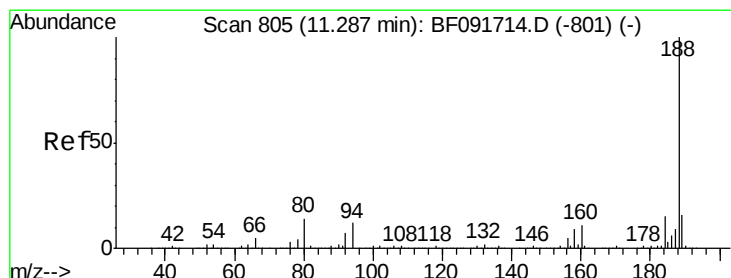
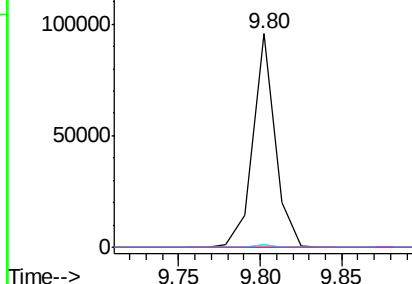
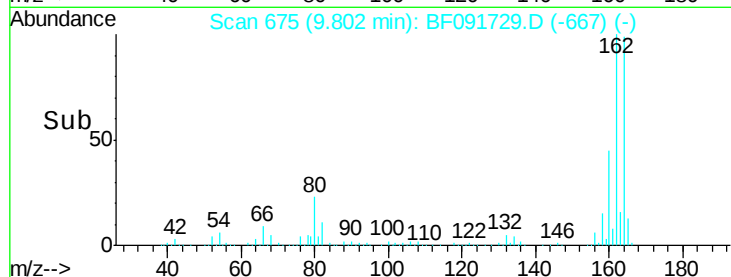


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

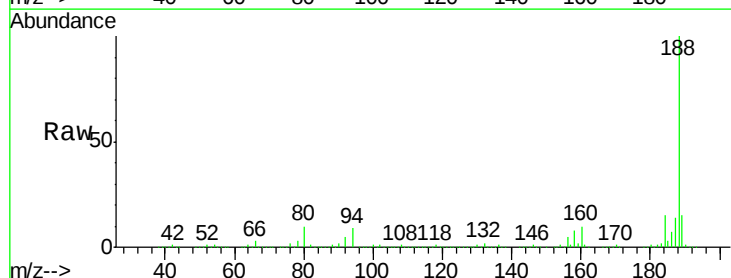
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.29 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF091729.D
 Acq: 18 Dec 2016 3:59

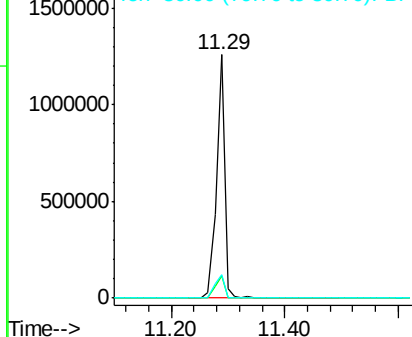
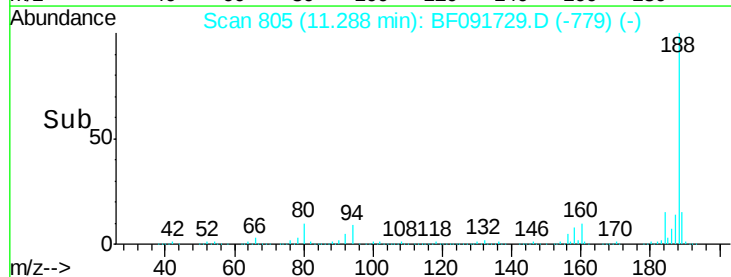
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	10.0	15.0#
80	9.7	11.2	16.8#

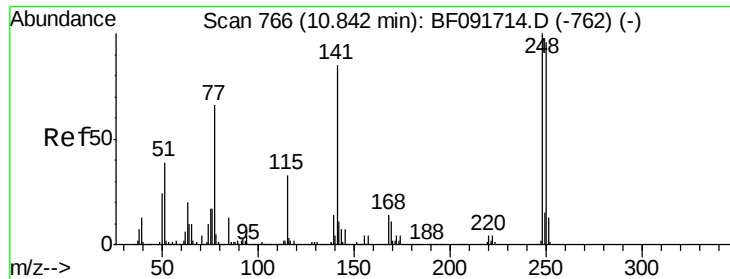


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 4.55 ng

RT: 10.60 min Scan# 745

Delta R.T. -0.24 min

Lab File: BF091729.D

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ClientSampleId :

SW01-121316

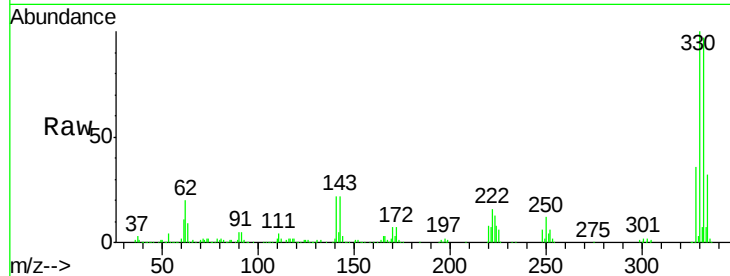
Tgt Ion:248 Resp: 58896

Ion Ratio Lower Upper

248 100

250 194.2 76.9 115.3#

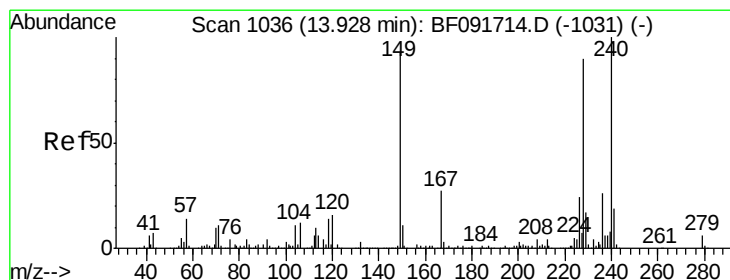
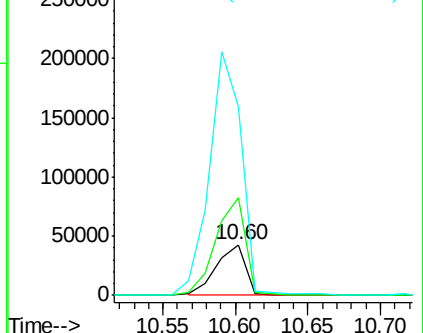
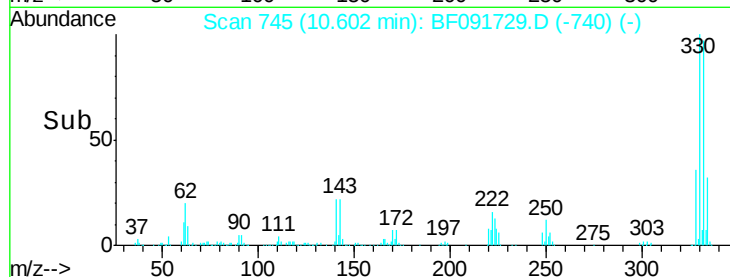
141 374.2 68.2 102.4#



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: 13.92 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF091729.D

Acq: 18 Dec 2016 3:59

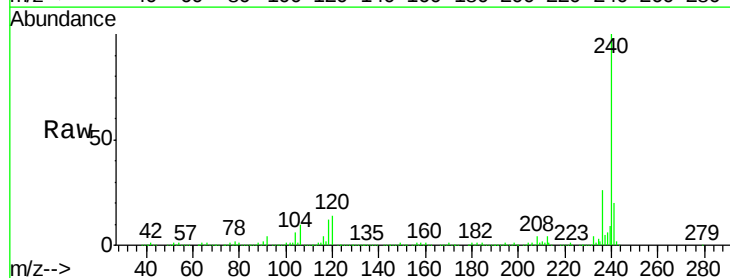
Tgt Ion:240 Resp: 1007022

Ion Ratio Lower Upper

240 100

120 14.3 12.9 19.3

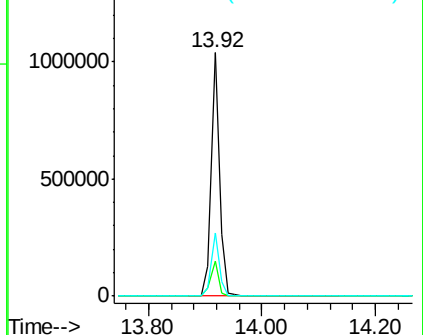
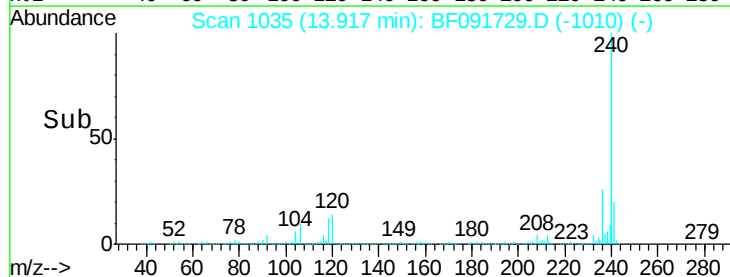
236 26.0 20.9 31.3

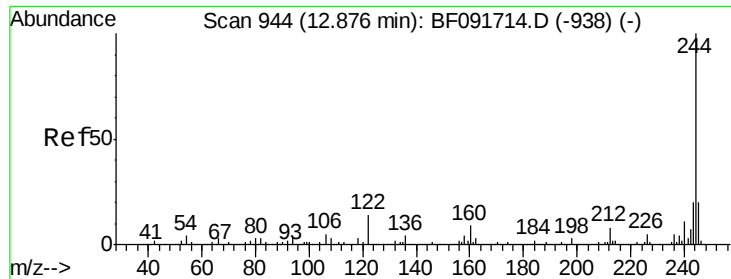


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

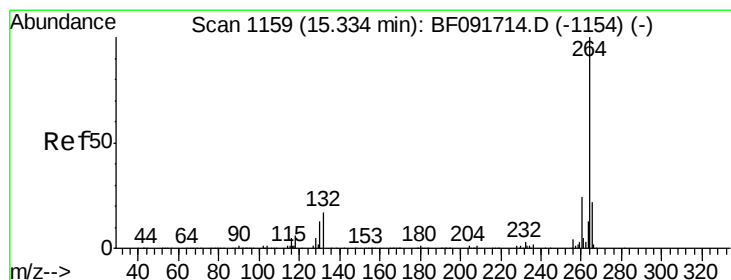
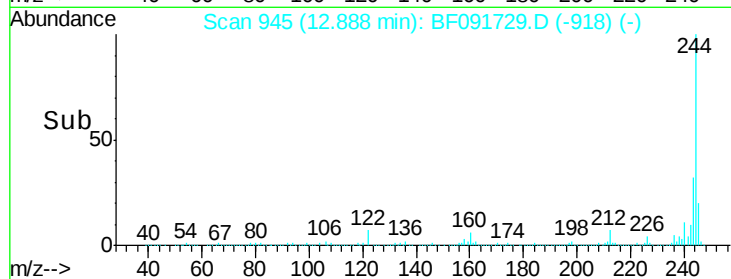
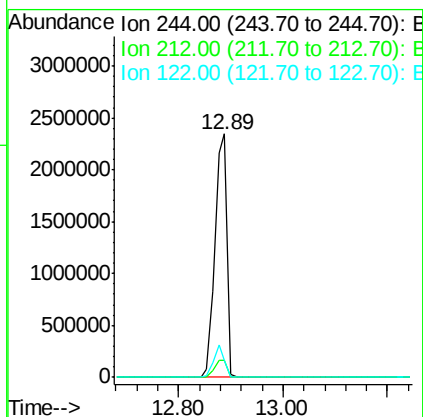
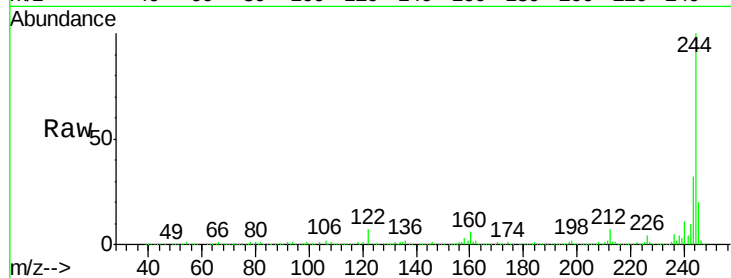




#78
 Terphenyl-d14
 Concen: 94.40 ng
 RT: 12.89 min Scan# 945
 Delta R.T. 0.01 min
 Lab File: BF091729.D
 Acq: 18 Dec 2016 3:59

Instrument :
 BNA_F
 ClientSampleId :
 SW01-121316

Tgt Ion:244 Resp: 3765114
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.2 9.2
 122 7.0 11.4 17.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.32 min Scan# 1158
 Delta R.T. -0.01 min
 Lab File: BF091729.D
 Acq: 18 Dec 2016 3:59

Tgt Ion:264 Resp: 904459
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.2 28.8
 265 22.1 17.4 26.0

