

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121716\
 Data File : BF091730.D
 Acq On : 18 Dec 2016 4:27
 Operator : UM/SJ
 Sample : H6101-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW02-121316

Quant Time: Dec 19 00:14:13 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

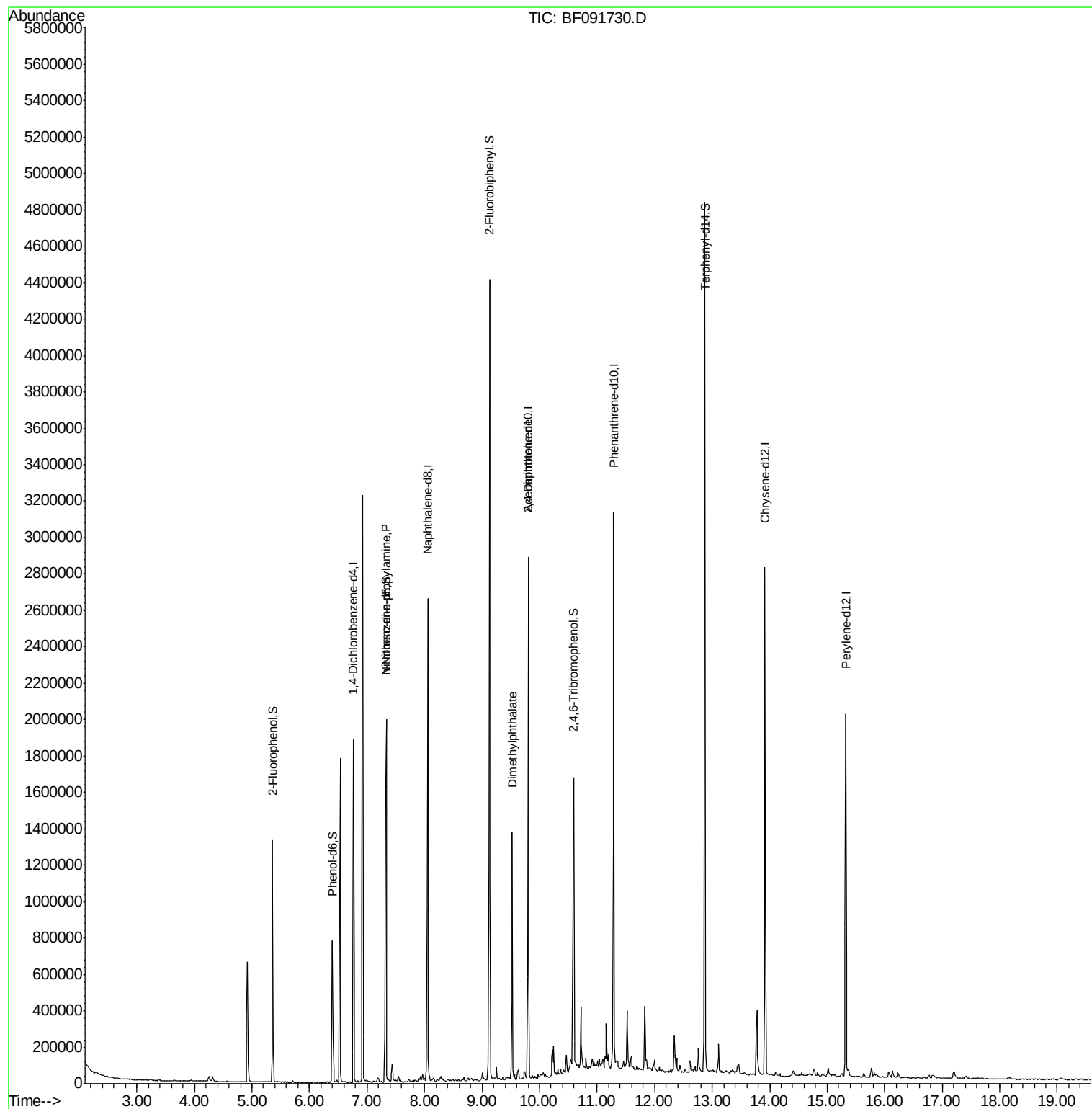
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	306113	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	1302101	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	662690	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	1231607	20.00	ng	0.00
75) Chrysene-d12	13.92	240	1008828	20.00	ng	-0.01
86) Perylene-d12	15.32	264	907769	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	360845	19.75	ng	-0.01
7) Phenol-d6	6.40	99	256071	11.49	ng	-0.02
23) Nitrobenzene-d5	7.33	82	946471	41.92	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	206282	36.71	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	1559589	47.28	ng	-0.01
78) Terphenyl-d14	12.88	244	1761780	44.09	ng	0.00
Target Compounds						
9) Benzaldehyde	6.30	77	636	Below Cal	#	78
19) n-Nitroso-di-n-propylamine	7.33	70	123539	8.33 ng	#	70
49) Dimethylphthalate	9.53	163	593607	13.71 ng		99
56) 2,4-Dinitrotoluene	9.80	165	87377	7.37 ng	#	20

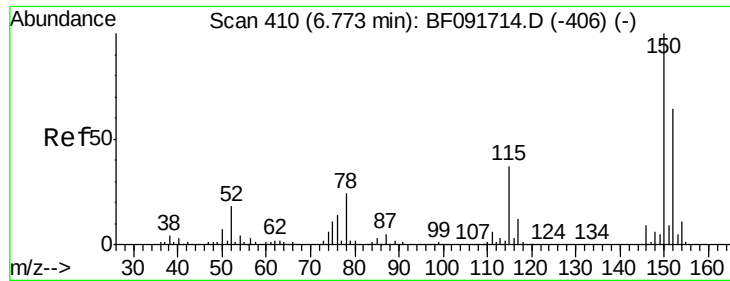
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Dec 17 22:53:54 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF091730.D

Acq: 18 Dec 2016 4:27

Instrument :

BNA_F

ClientSampleId :

SW02-121316

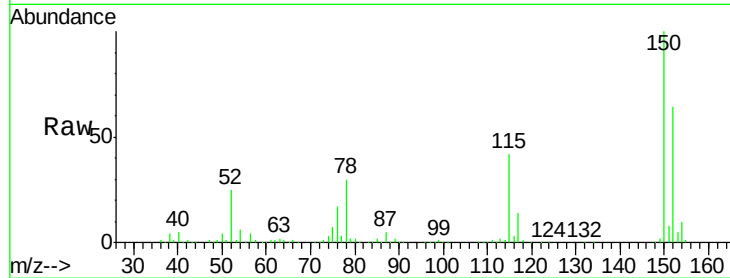
Tgt Ion:152 Resp: 306113

Ion Ratio Lower Upper

152 100

150 157.2 124.9 187.3

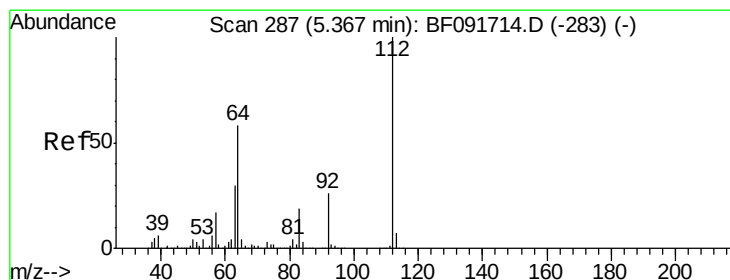
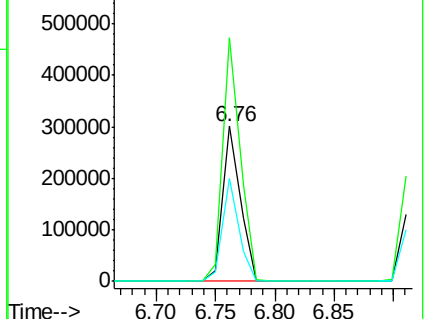
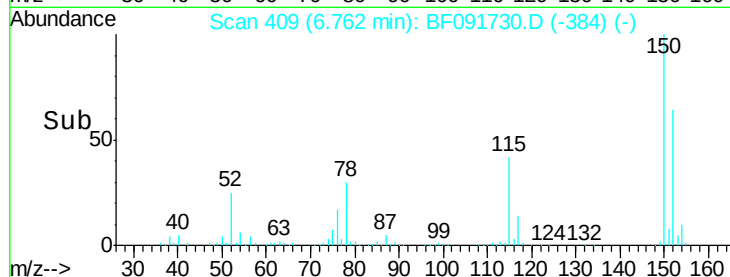
115 66.4 46.0 69.0



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: 19.75 ng

RT: 5.36 min Scan# 286

Delta R.T. -0.01 min

Lab File: BF091730.D

Acq: 18 Dec 2016 4:27

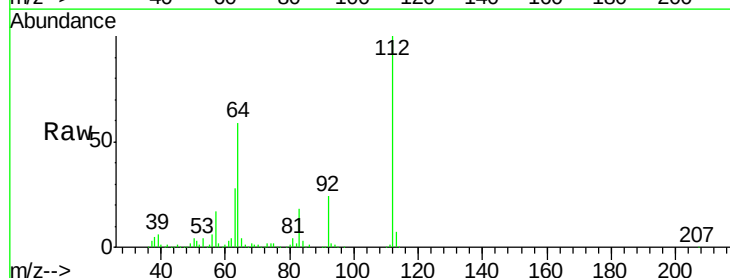
Tgt Ion:112 Resp: 360845

Ion Ratio Lower Upper

112 100

64 58.6 46.1 69.1

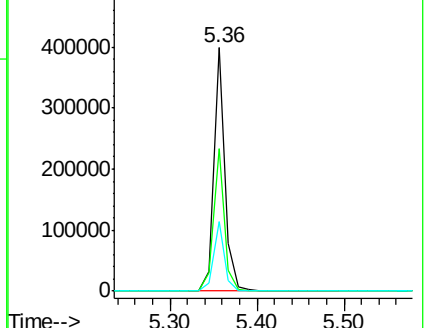
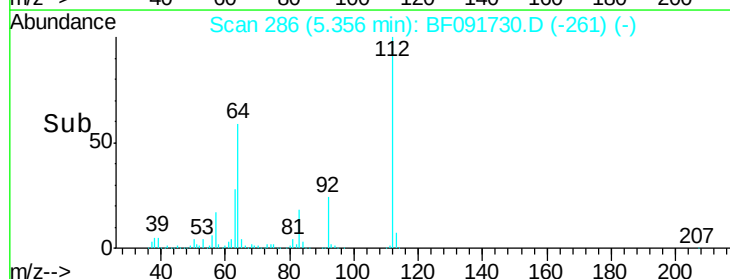
63 28.3 23.8 35.6

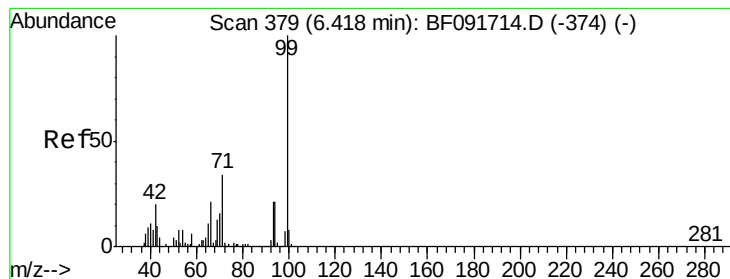


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 11.49 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.02 min

Lab File: BF091730.D

Acq: 18 Dec 2016 4:27

Instrument :

BNA_F

ClientSampleId :

SW02-121316

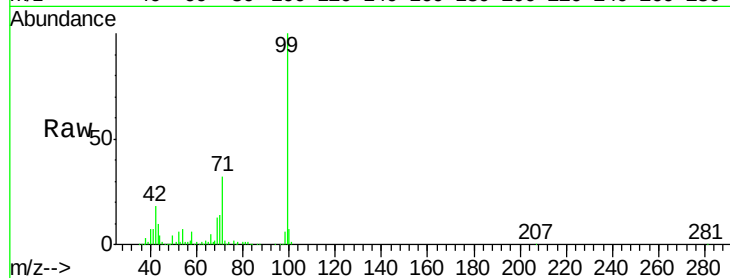
Tgt Ion: 99 Resp: 256071

Ion Ratio Lower Upper

99 100

42 18.4 15.6 23.4

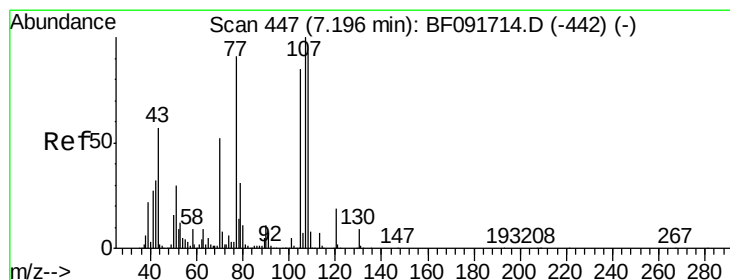
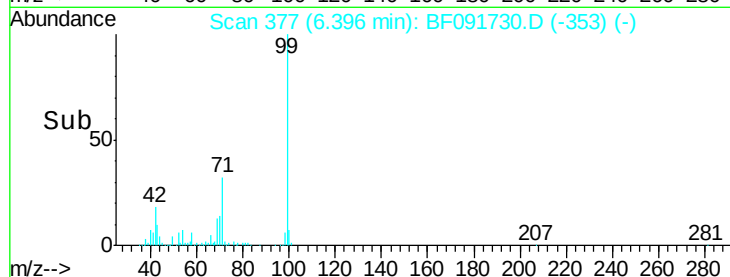
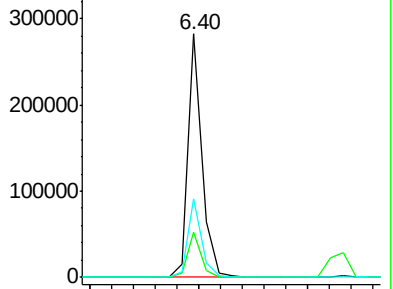
71 32.5 27.5 41.3



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: 8.33 ng

RT: 7.33 min Scan# 459

Delta R.T. 0.14 min

Lab File: BF091730.D

Acq: 18 Dec 2016 4:27

Tgt Ion: 70 Resp: 123539

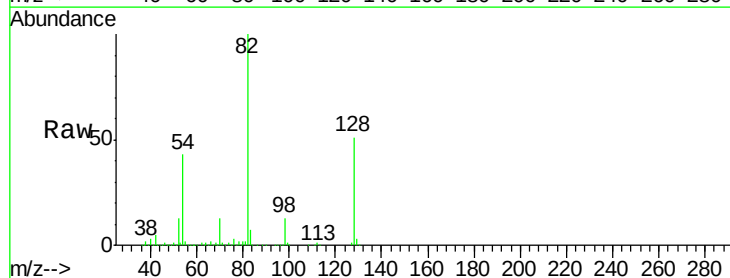
Ion Ratio Lower Upper

70 100

42 39.2 49.4 74.0#

101 0.0 7.4 11.2#

130 2.4 14.2 21.4#

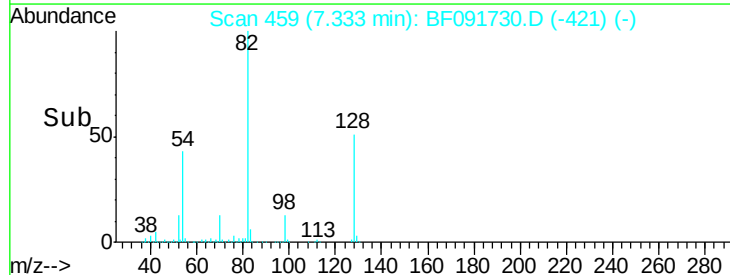
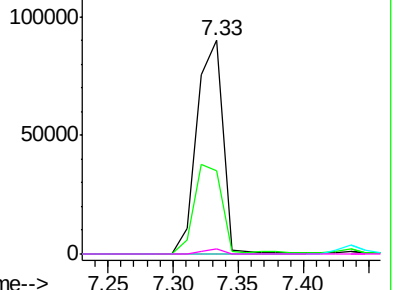


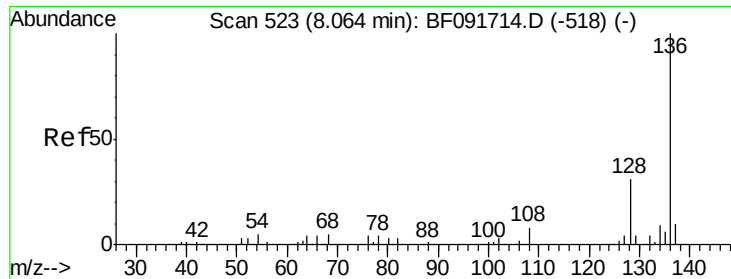
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

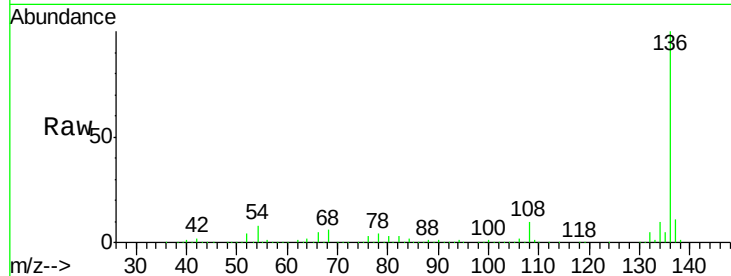




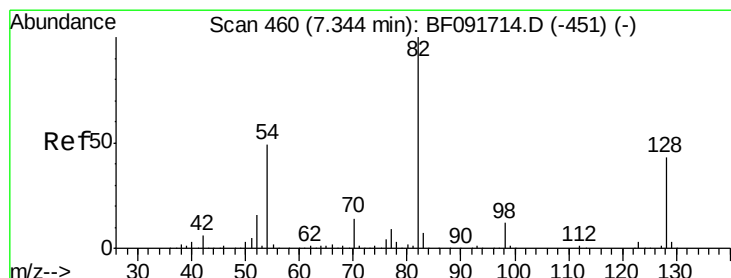
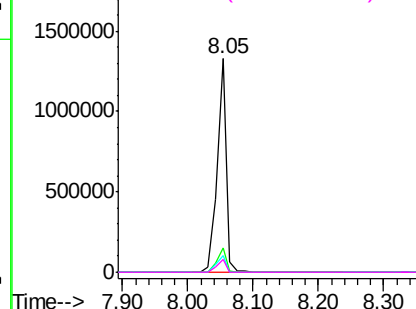
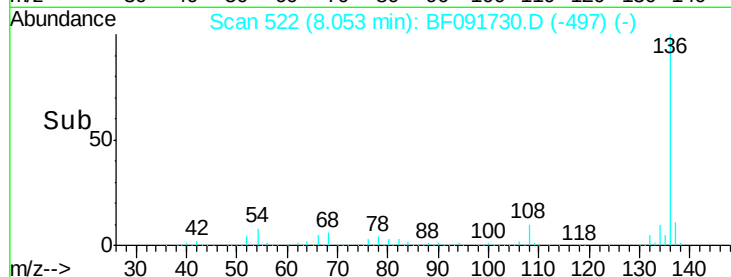
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF091730.D
Acq: 18 Dec 2016 4:27

Instrument :
BNA_F
ClientSampleId :
SW02-121316

Tgt Ion: 136 Resp: 1302101
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 7.5 4.5 6.7#
68 5.8 3.6 5.4#

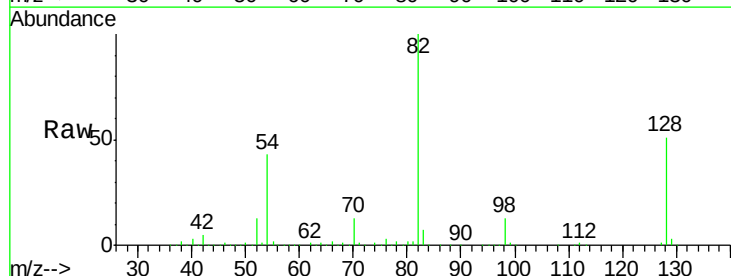


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

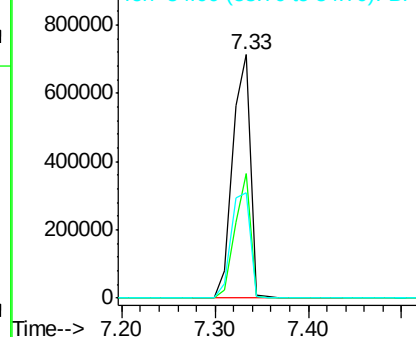
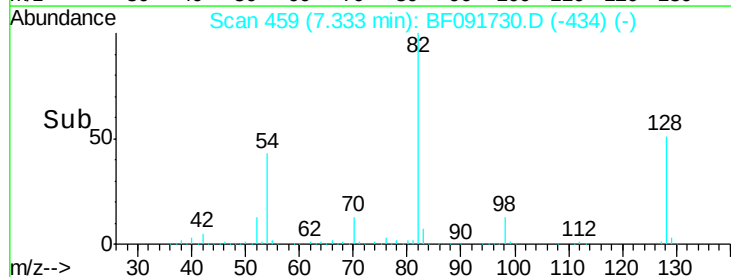


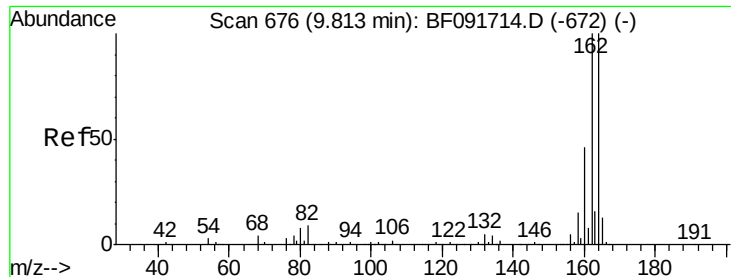
#23
Nitrobenzene-d5
Concen: 41.92 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF091730.D
Acq: 18 Dec 2016 4:27

Tgt Ion: 82 Resp: 946471
Ion Ratio Lower Upper
82 100
128 51.3 34.6 52.0
54 43.1 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

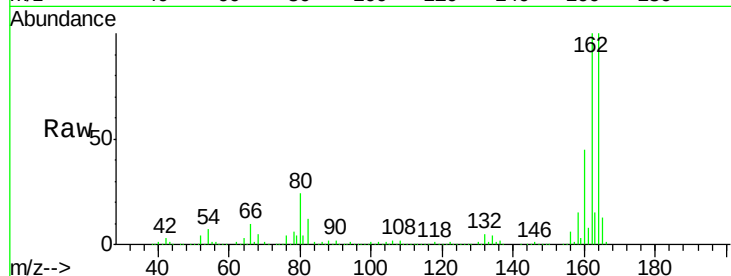




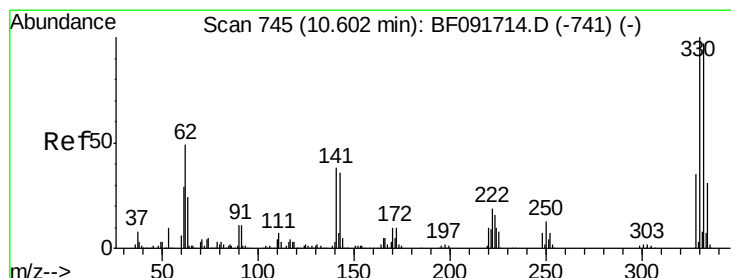
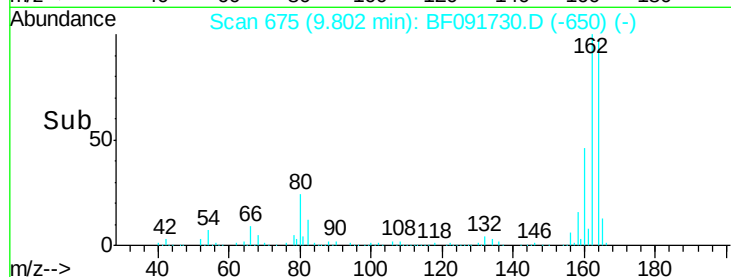
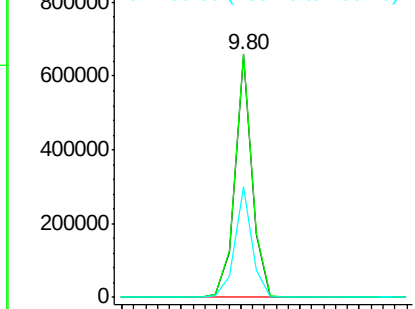
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF091730.D
Acq: 18 Dec 2016 4:27

Instrument :
BNA_F
ClientSampleId :
SW02-121316

Tgt Ion:164 Resp: 662690
Ion Ratio Lower Upper
164 100
162 100.3 80.2 120.2
160 45.6 36.9 55.3

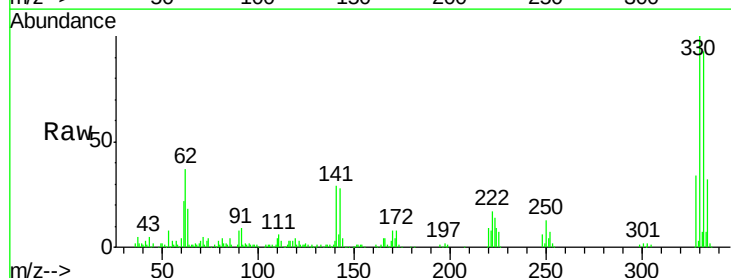


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

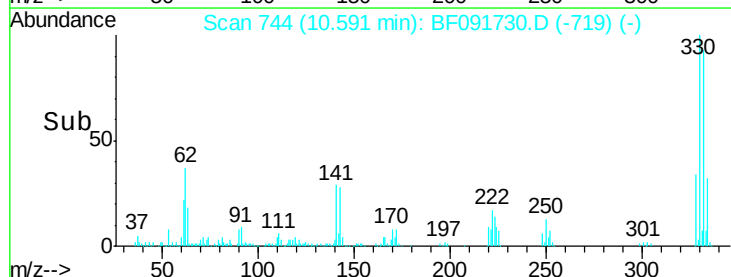
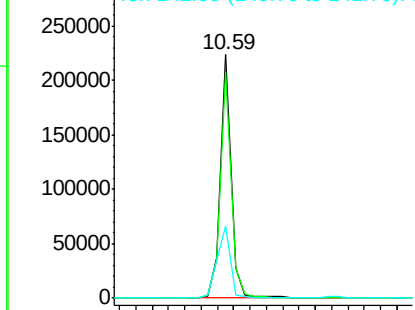


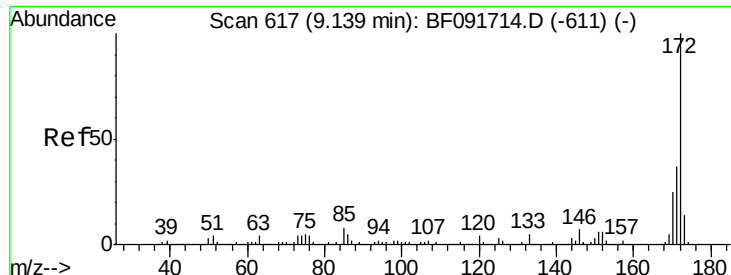
#41
2,4,6-Tribromophenol
Concen: 36.71 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF091730.D
Acq: 18 Dec 2016 4:27

Tgt Ion:330 Resp: 206282
Ion Ratio Lower Upper
330 100
332 94.1 77.4 116.2
141 35.6 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

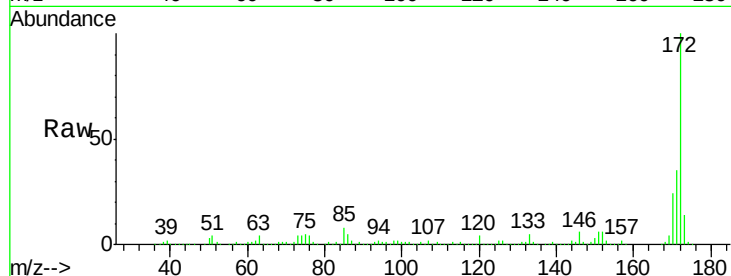




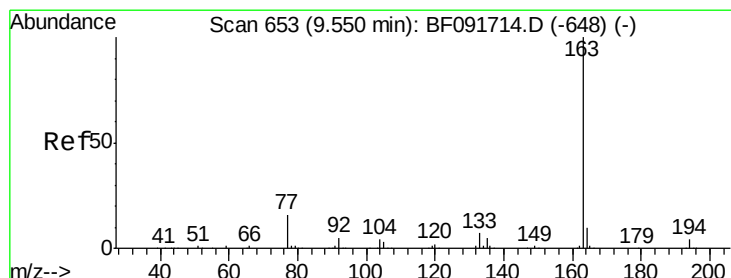
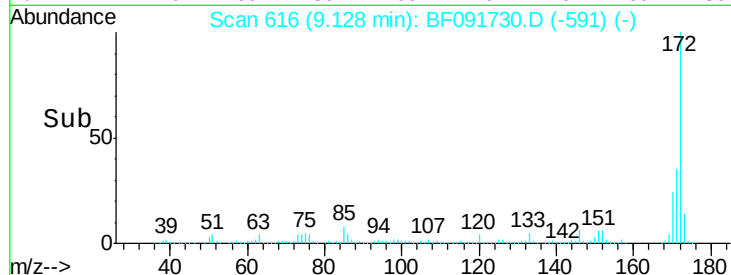
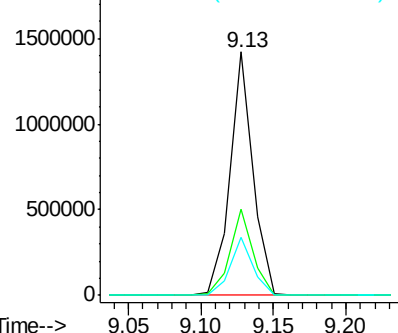
#44
 2-Fluorobiphenyl
 Concen: 47.28 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF091730.D
 Acq: 18 Dec 2016 4:27

Instrument :
 BNA_F
 ClientSampleId :
 SW02-121316

Tgt Ion:172 Resp: 1559589
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.4 44.0
 170 24.0 20.2 30.4

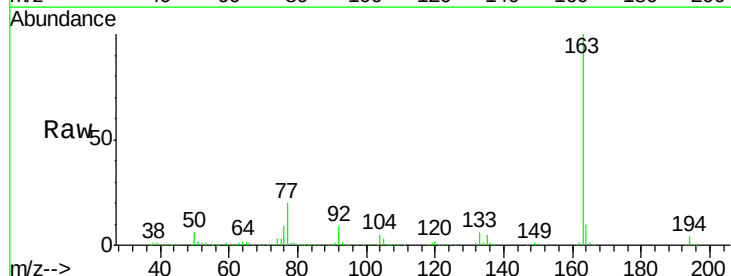


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

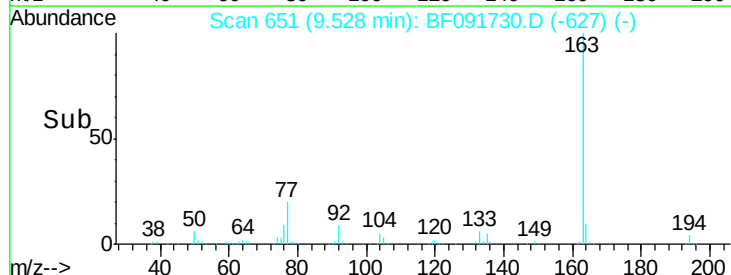
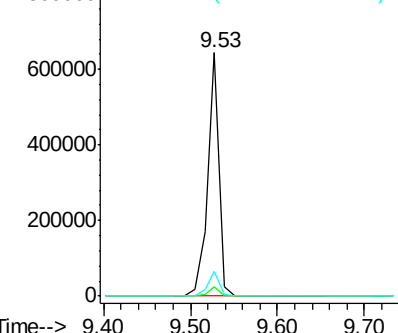


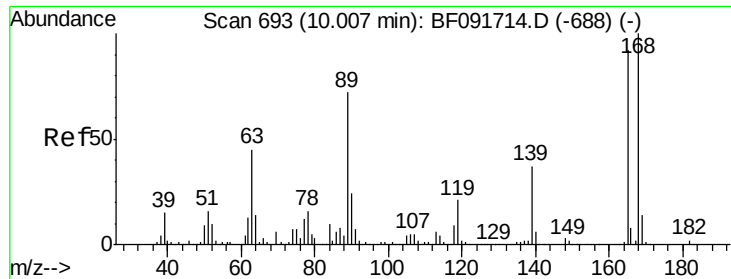
#49
 Dimethylphthalate
 Concen: 13.71 ng
 RT: 9.53 min Scan# 651
 Delta R.T. -0.02 min
 Lab File: BF091730.D
 Acq: 18 Dec 2016 4:27

Tgt Ion:163 Resp: 593607
 Ion Ratio Lower Upper
 163 100
 194 3.7 3.0 4.4
 164 10.4 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

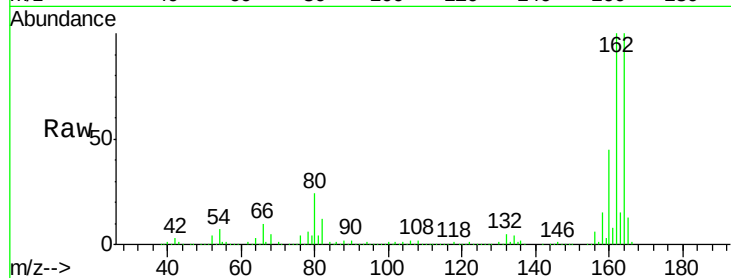




#56
 2,4-Dinitrotoluene
 Concen: 7.37 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.21 min
 Lab File: BF091730.D
 Acq: 18 Dec 2016 4:27

Instrument :
 BNA_F
 ClientSampleId :
 SW02-121316

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	40.2	60.4#
89	1.2	62.5	93.7#
182	0.0	1.8	2.8#

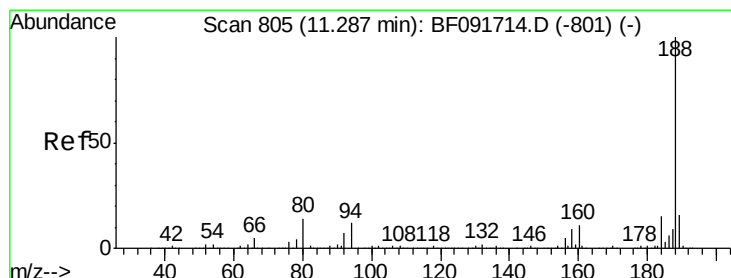
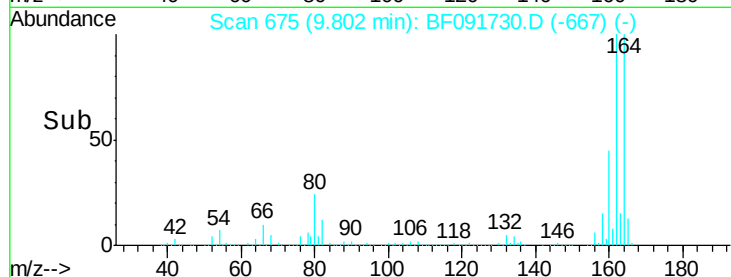
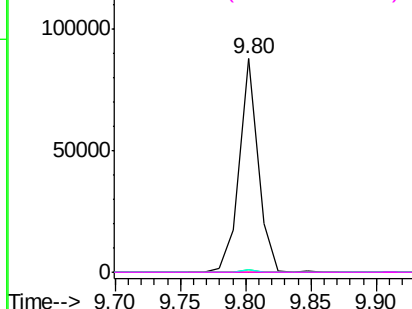


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

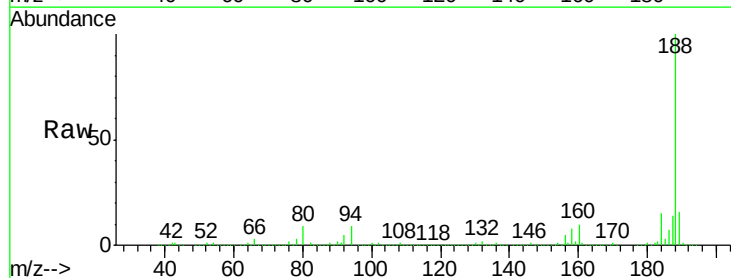
Ion 89.00 (88.70 to 89.70): BF0

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: BF091730.D
 Acq: 18 Dec 2016 4:27

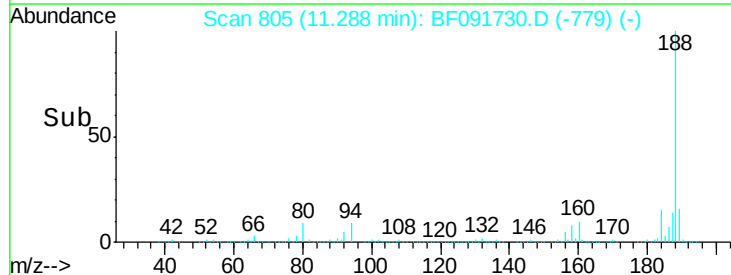
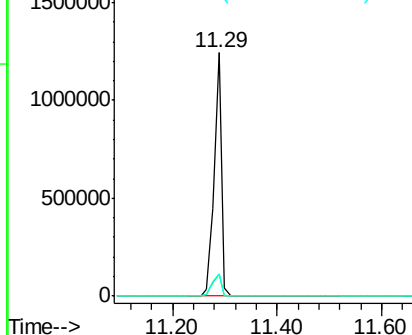
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	10.0	15.0#
80	9.3	11.2	16.8#

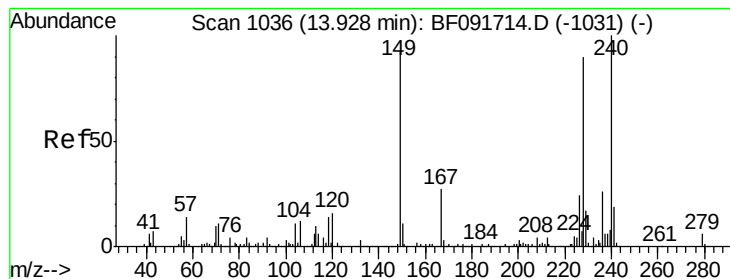


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.92 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF091730.D

Acq: 18 Dec 2016 4:27

Instrument :

BNA_F

ClientSampleId :

SW02-121316

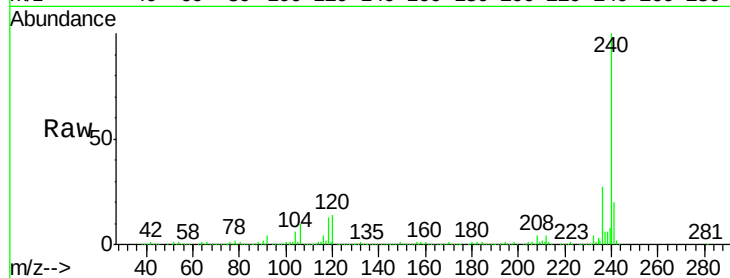
Tgt Ion:240 Resp: 1008828

Ion Ratio Lower Upper

240 100

120 14.5 12.9 19.3

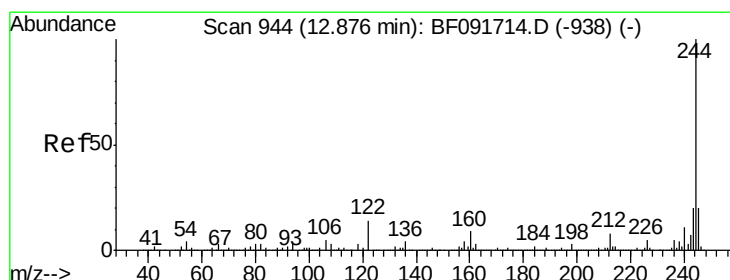
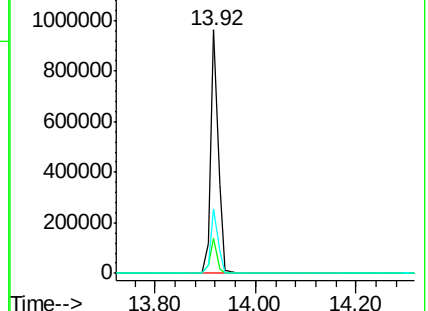
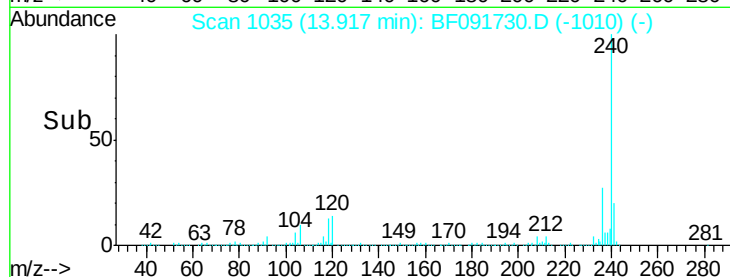
236 26.5 20.9 31.3



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: 44.09 ng

RT: 12.88 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF091730.D

Acq: 18 Dec 2016 4:27

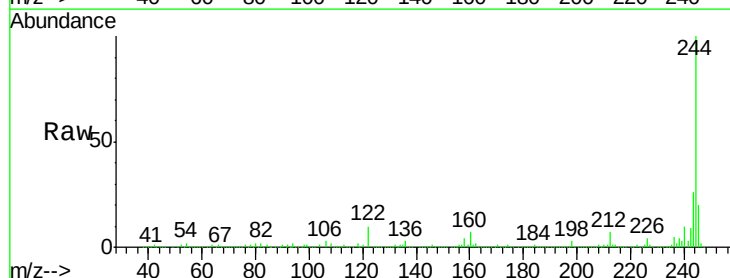
Tgt Ion:244 Resp: 1761780

Ion Ratio Lower Upper

244 100

212 6.9 6.2 9.2

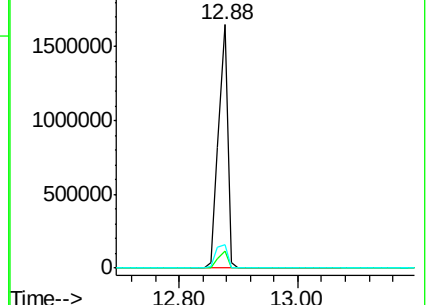
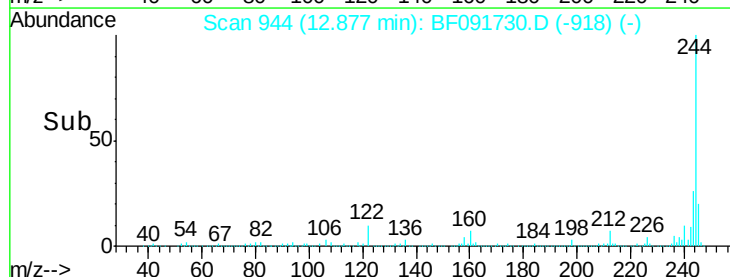
122 9.8 11.4 17.2#

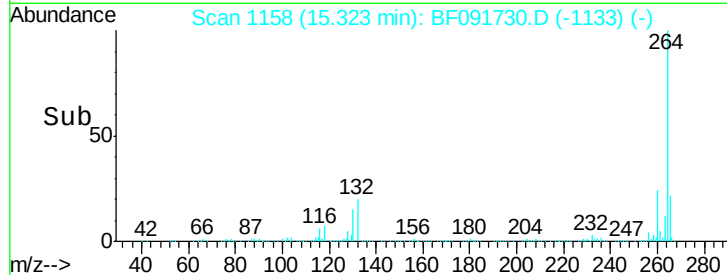
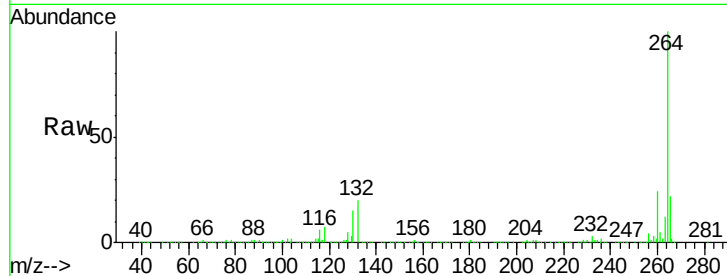
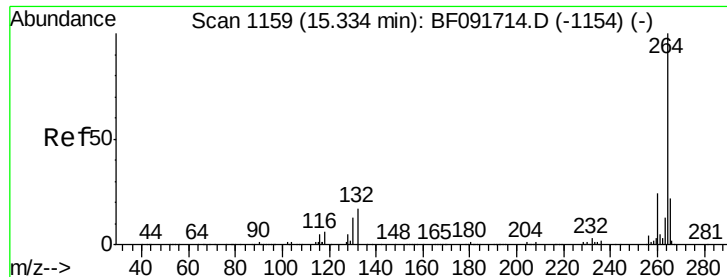


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Perylene-d12

Concen: 20.00 ng

RT: 15.32 min Scan# 1158

Delta R.T. -0.01 min

Lab File: BF091730.D

Acq: 18 Dec 2016 4:27

Instrument :

BNA_F

ClientSampleId :

SW02-121316

Tgt Ion: 264 Resp: 907769

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 21.9 17.4 26.0

