

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120716\
 Data File : BF091473.D
 Acq On : 7 Dec 2016 16:58
 Operator : UM/SJ
 Sample : PB95096TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95096TB

Quant Time: Dec 08 00:22:47 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 13:33:46 2016
 Response via : Initial Calibration

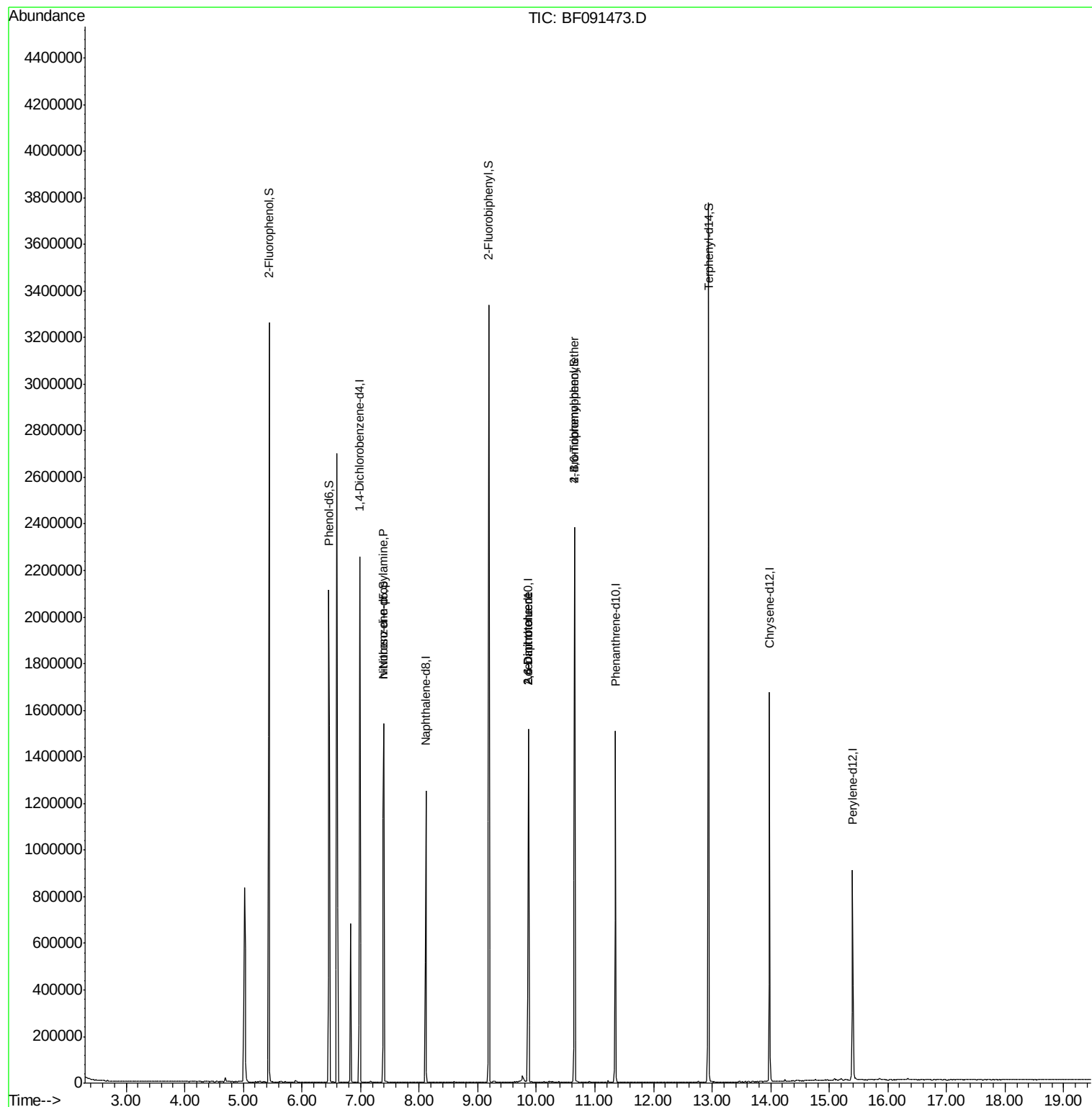
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	335326	20.00	ng	0.11
21) Naphthalene-d8	8.12	136	611359	20.00	ng	-0.05
38) Acenaphthene-d10	9.86	164	364310	20.00	ng	-0.05
63) Phenanthrene-d10	11.35	188	670344	20.00	ng	-0.05
75) Chrysene-d12	13.98	240	599005	20.00	ng	-0.06
86) Perylene-d12	15.40	264	455742	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	830427	40.46	ng	-0.03
7) Phenol-d6	6.46	99	944327	37.37	ng	-0.04
23) Nitrobenzene-d5	7.40	82	632230	57.95	ng	-0.05
41) 2,4,6-Tribromophenol	10.65	330	305937	88.70	ng	-0.05
44) 2-Fluorobiphenyl	9.19	172	1179556	58.62	ng	-0.05
78) Terphenyl-d14	12.94	244	1520899	55.19	ng	-0.05
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	84408	5.30	ng	# 66
50) 2,6-Dinitrotoluene	9.86	165	46437	9.42	ng	# 16
56) 2,4-Dinitrotoluene	9.86	165	46439	7.26	ng	# 33
66) 4-Bromophenyl-phenylether	10.65	248	20359	2.83	ng	# 1

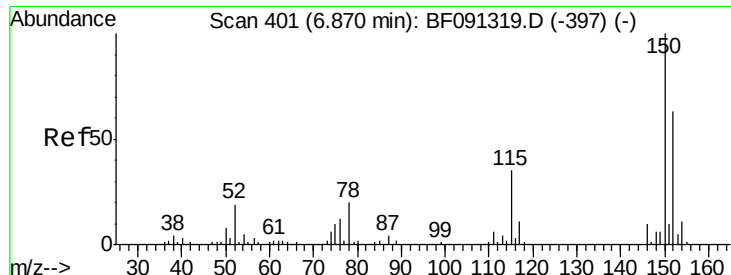
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 29 13:33:46 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.98 min Scan# 411

Delta R.T. 0.11 min

Lab File: BF091473.D

Acq: 7 Dec 2016 16:58

Instrument :

BNA_F

ClientSampleId :

PB95096TB

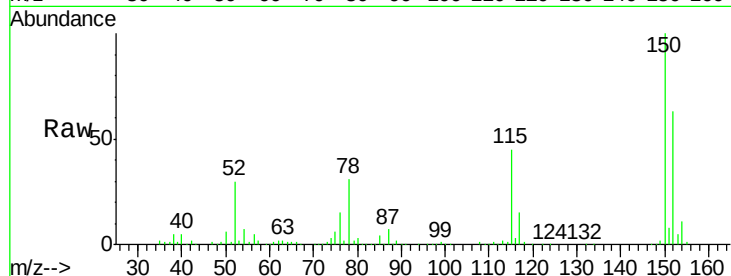
Tgt Ion:152 Resp: 335326

Ion Ratio Lower Upper

152 100

150 157.5 122.5 183.7

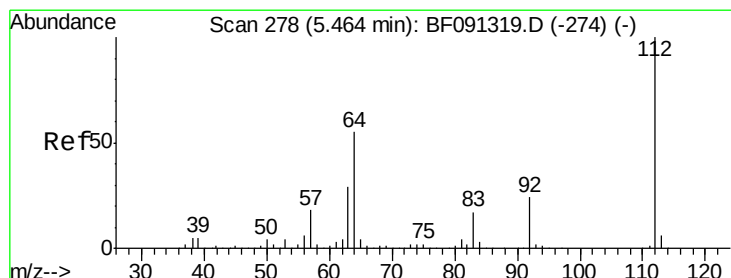
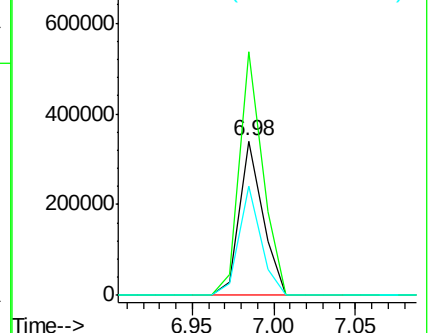
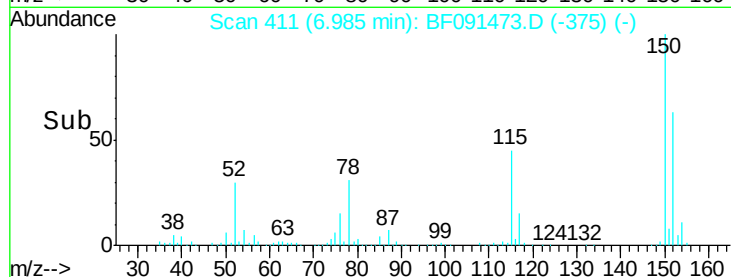
115 70.8 51.8 77.8



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: 40.46 ng

RT: 5.44 min Scan# 276

Delta R.T. -0.03 min

Lab File: BF091473.D

Acq: 7 Dec 2016 16:58

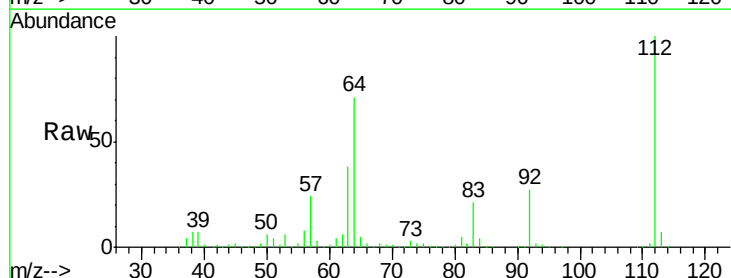
Tgt Ion:112 Resp: 830427

Ion Ratio Lower Upper

112 100

64 71.5 61.5 92.3

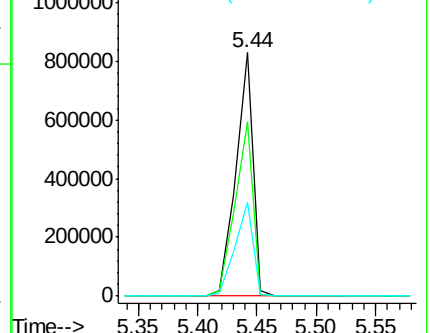
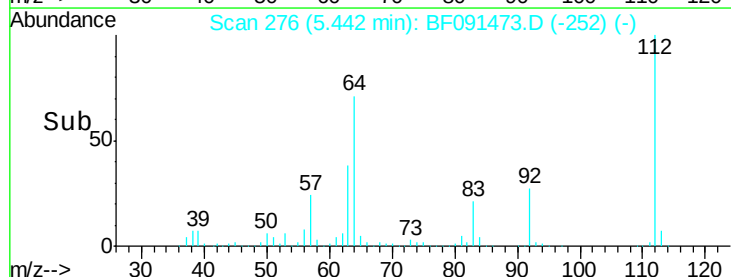
63 38.5 33.3 49.9

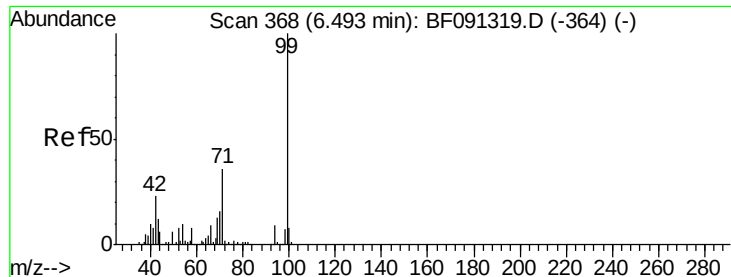


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 37.37 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.04 min

Lab File: BF091473.D

Acq: 7 Dec 2016 16:58

Instrument :

BNA_F

ClientSampleId :

PB95096TB

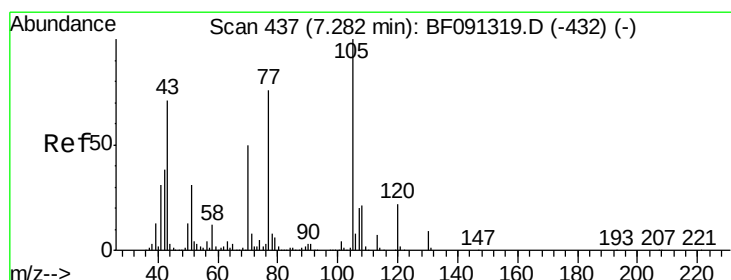
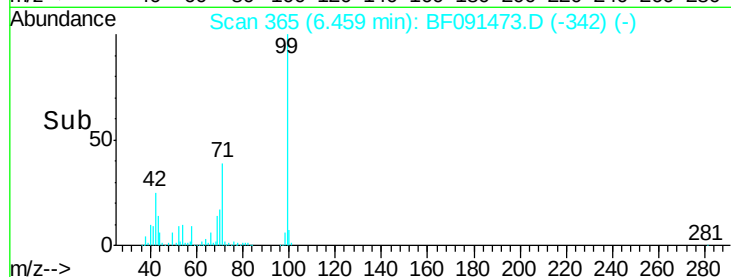
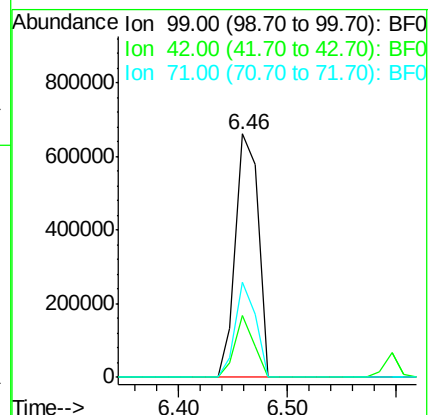
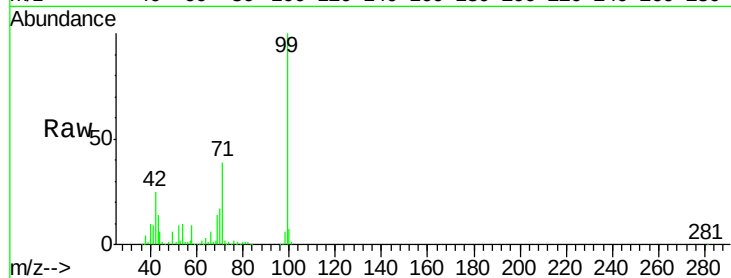
Tgt Ion: 99 Resp: 944327

Ion Ratio Lower Upper

99 100

42 25.3 20.6 31.0

71 38.9 29.9 44.9



#19

n-Nitroso-di-n-propylamine

Concen: 5.30 ng

RT: 7.40 min Scan# 447

Delta R.T. 0.10 min

Lab File: BF091473.D

Acq: 7 Dec 2016 16:58

Tgt Ion: 70 Resp: 84408

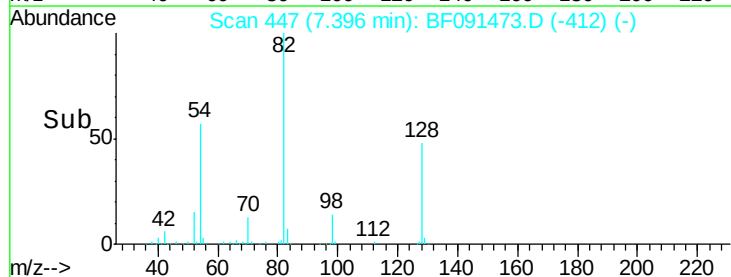
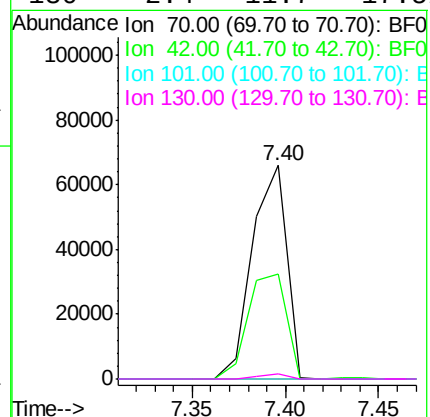
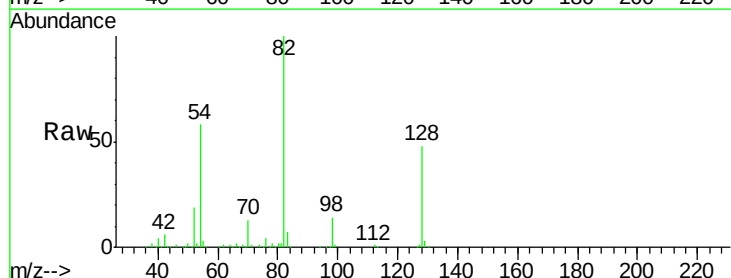
Ion Ratio Lower Upper

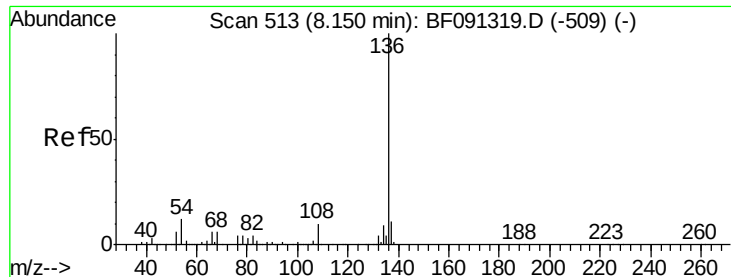
70 100

42 49.4 64.8 97.2#

101 0.0 6.2 9.4#

130 2.4 11.7 17.5#

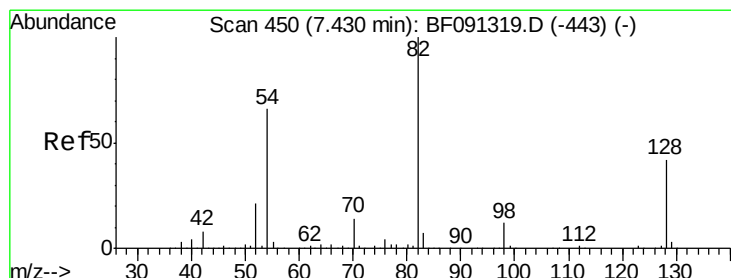
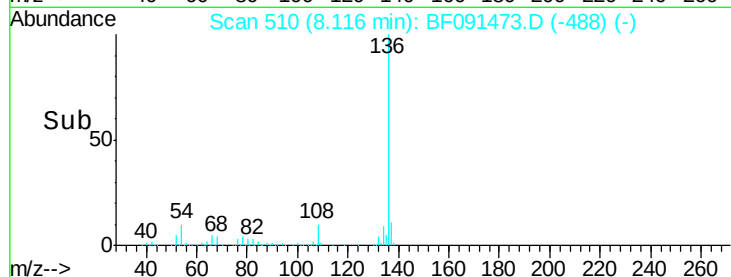
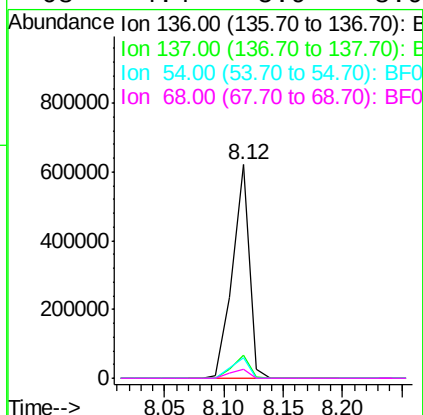
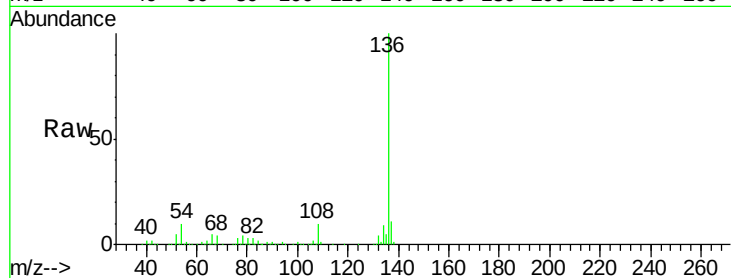




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 510
Delta R.T. -0.05 min
Lab File: BF091473.D
Acq: 7 Dec 2016 16:58

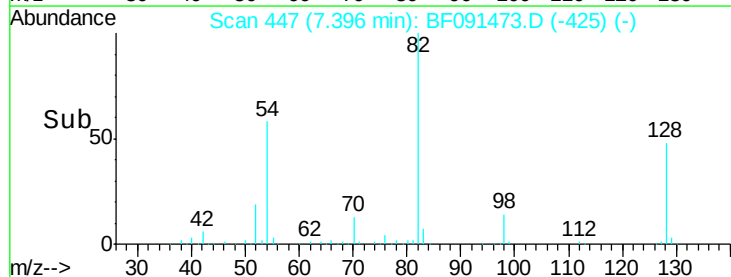
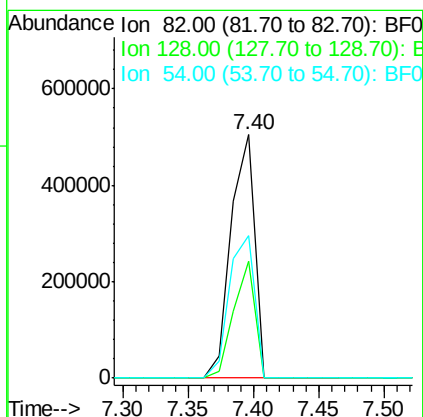
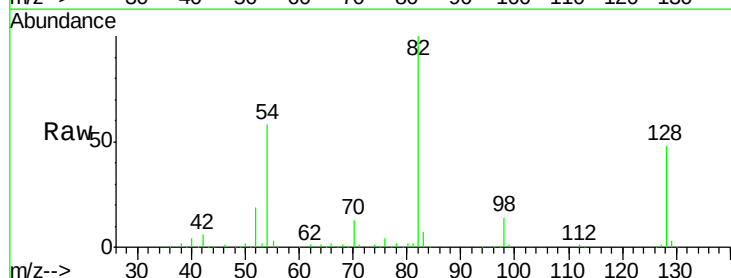
Instrument :
BNA_F
ClientSampleId :
PB95096TB

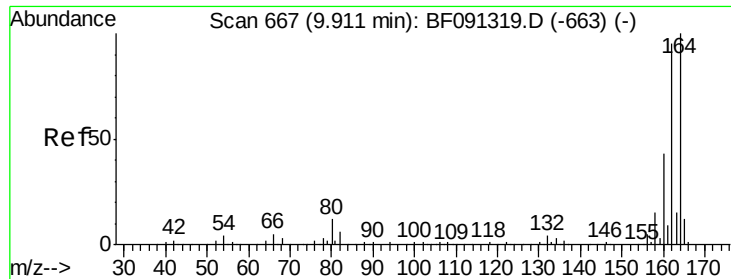
Tgt Ion:	136	Resp:	611359
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	9.7	9.1	13.7
68	4.4	5.9	8.9#



#23
Nitrobenzene-d5
Concen: 57.95 ng
RT: 7.40 min Scan# 447
Delta R.T. -0.05 min
Lab File: BF091473.D
Acq: 7 Dec 2016 16:58

Tgt Ion:	82	Resp:	632230
Ion	Ratio	Lower	Upper
82	100		
128	48.2	31.8	47.6#
54	58.4	49.1	73.7

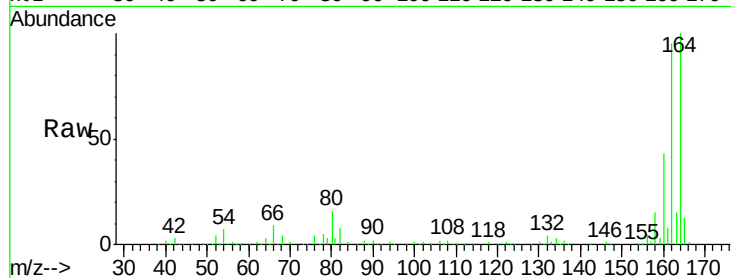




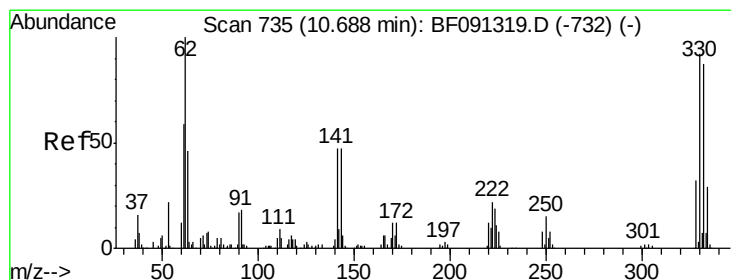
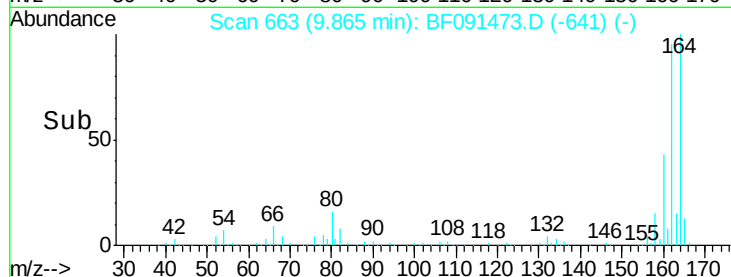
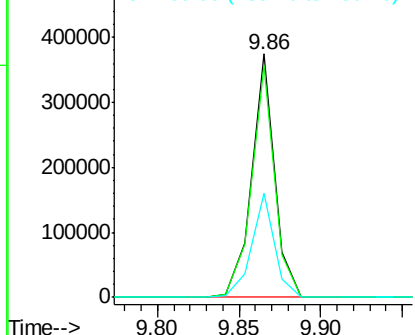
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 663
 Delta R.T. -0.05 min
 Lab File: BF091473.D
 Acq: 7 Dec 2016 16:58

Instrument :
 BNA_F
 ClientSampleId :
 PB95096TB

Tgt Ion:164 Resp: 364310
 Ion Ratio Lower Upper
 164 100
 162 95.2 82.6 124.0
 160 42.6 36.7 55.1

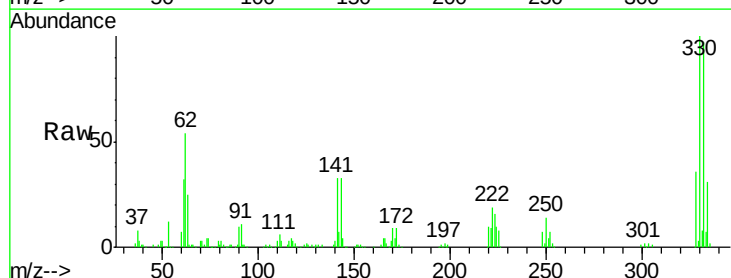


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

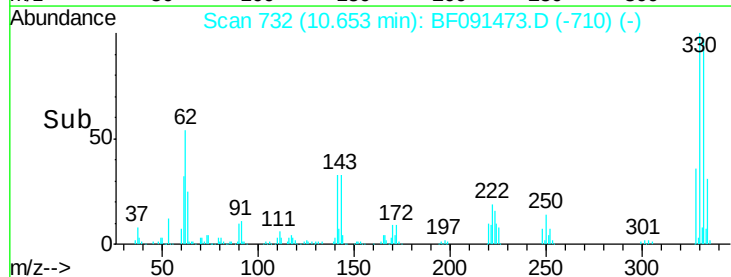
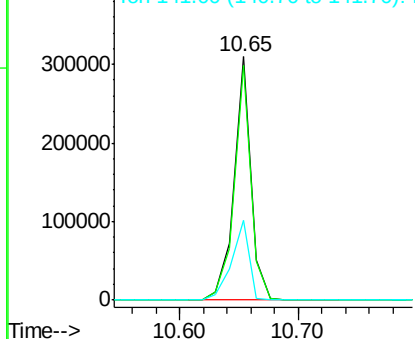


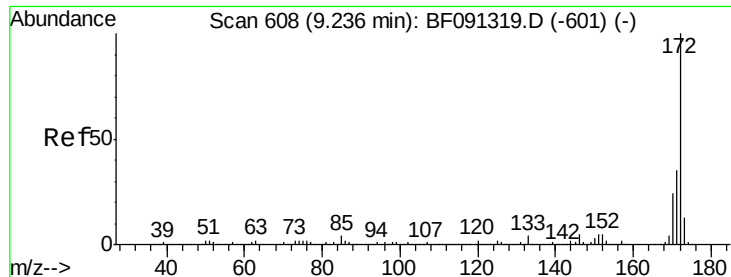
#41
 2,4,6-Tribromophenol
 Concen: 88.70 ng
 RT: 10.65 min Scan# 732
 Delta R.T. -0.05 min
 Lab File: BF091473.D
 Acq: 7 Dec 2016 16:58

Tgt Ion:330 Resp: 305937
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.2 114.4
 141 33.6 33.6 50.4#



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

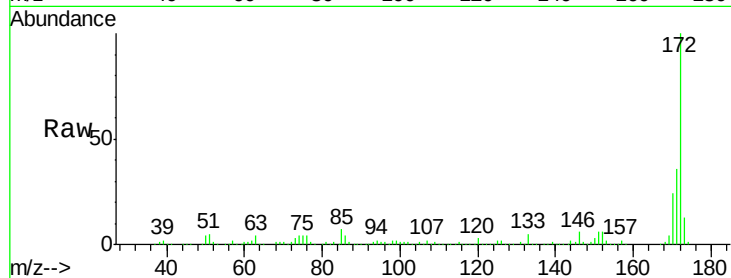




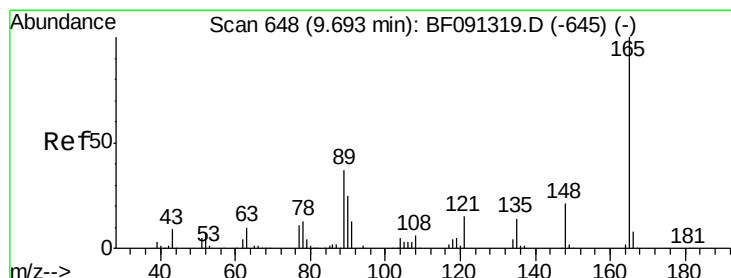
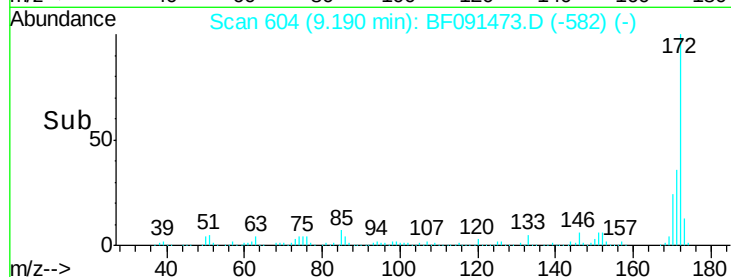
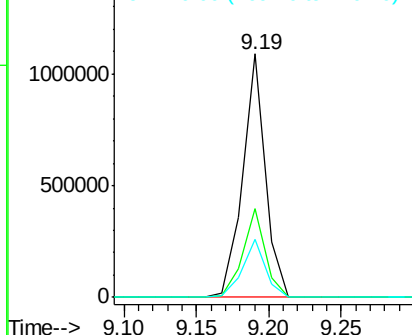
#44
 2-Fluorobiphenyl
 Concen: 58.62 ng
 RT: 9.19 min Scan# 604
 Delta R.T. -0.05 min
 Lab File: BF091473.D
 Acq: 7 Dec 2016 16:58

Instrument :
 BNA_F
 ClientSampleId :
 PB95096TB

Tgt Ion:172 Resp: 1179556
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.4 44.0
 170 23.8 19.7 29.5

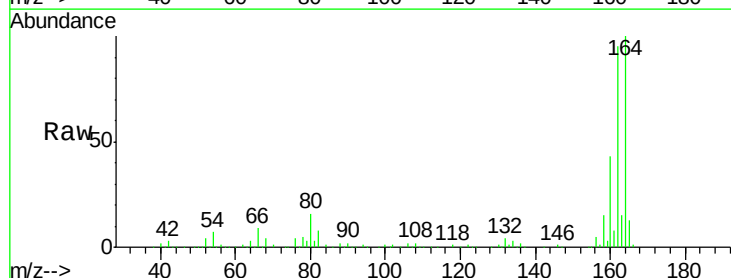


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

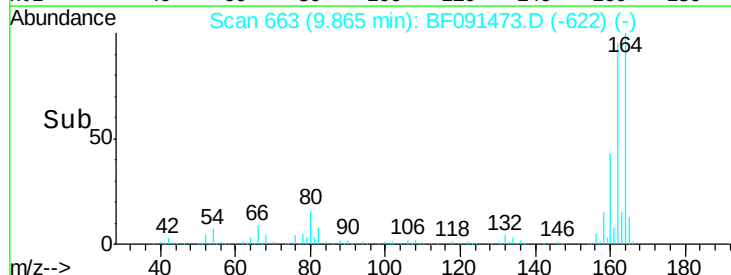
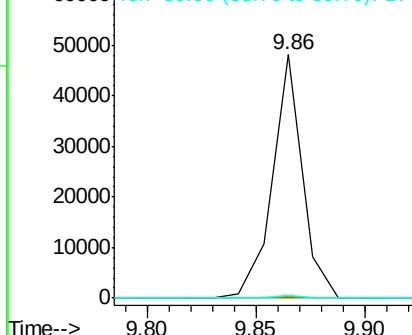


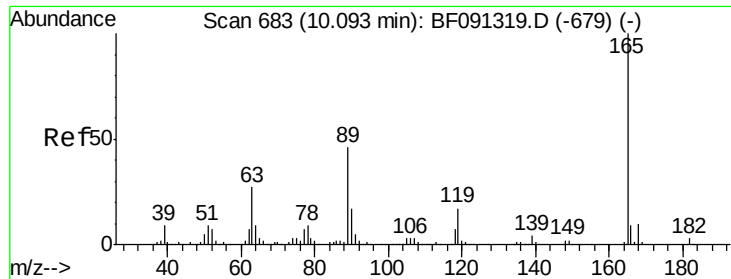
#50
 2,6-Dinitrotoluene
 Concen: 9.42 ng
 RT: 9.86 min Scan# 663
 Delta R.T. 0.17 min
 Lab File: BF091473.D
 Acq: 7 Dec 2016 16:58

Tgt Ion:165 Resp: 46437
 Ion Ratio Lower Upper
 165 100
 63 0.9 59.4 89.0#
 89 1.1 50.8 76.2#



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

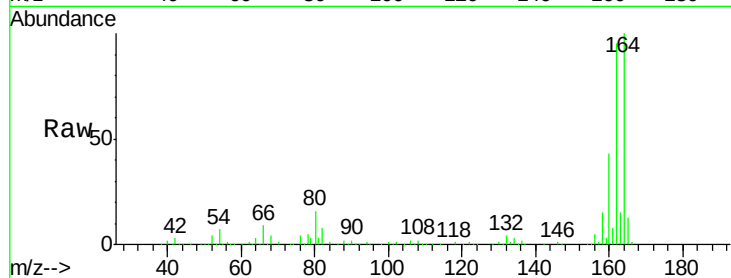




#56
2,4-Dinitrotoluene
Concen: 7.26 ng
RT: 9.86 min Scan# 663
Delta R.T. -0.23 min
Lab File: BF091473.D
Acq: 7 Dec 2016 16:58

Instrument :
BNA_F
ClientSampleId :
PB95096TB

Tgt Ion:	165	Resp:	46439
Ion Ratio	Lower	Upper	
165	100		
63	0.9	29.0	43.4#
89	1.1	43.1	64.7#
182	0.0	1.9	2.9#

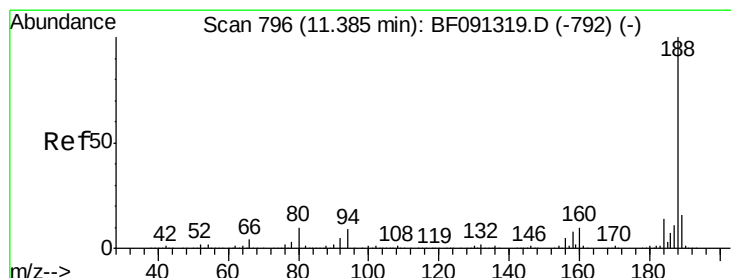
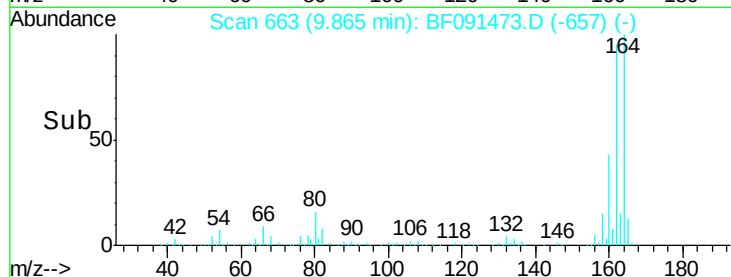
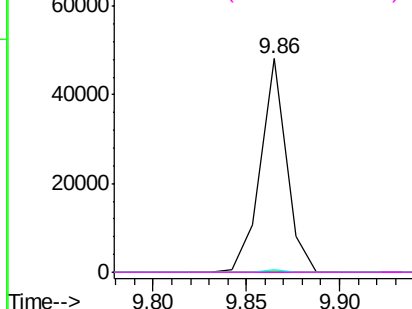


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

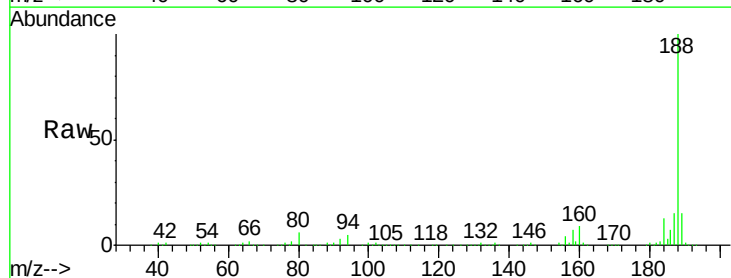
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 793
Delta R.T. -0.05 min
Lab File: BF091473.D
Acq: 7 Dec 2016 16:58

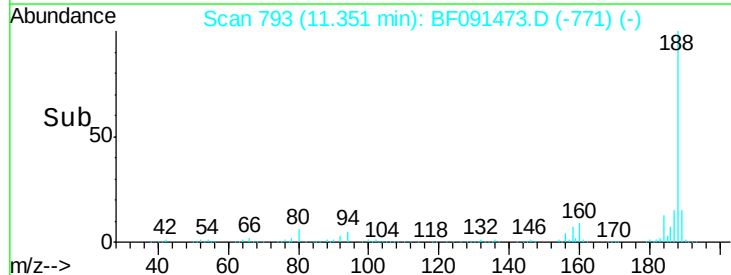
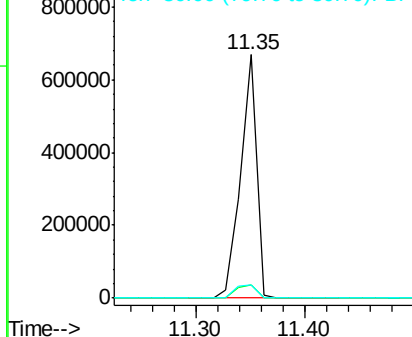
Tgt Ion:	188	Resp:	670344
Ion Ratio	Lower	Upper	
188	100		
94	5.4	9.2	13.8#
80	5.7	10.5	15.7#

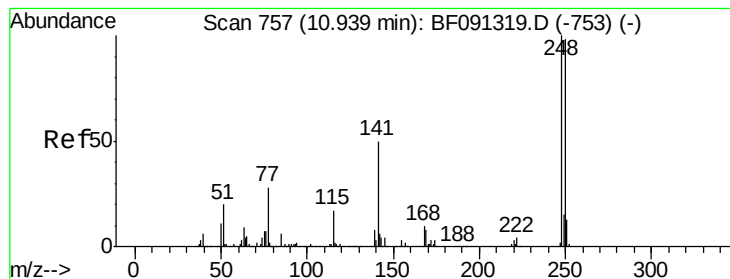


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 2.83 ng

RT: 10.65 min Scan# 732

Delta R.T. -0.30 min

Lab File: BF091473.D

Acq: 7 Dec 2016 16:58

Instrument :

BNA_F

ClientSampleId :

PB95096TB

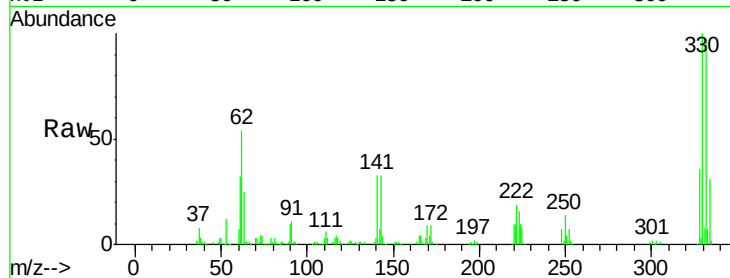
Tgt Ion:248 Resp: 20359

Ion Ratio Lower Upper

248 100

250 189.5 78.2 117.4#

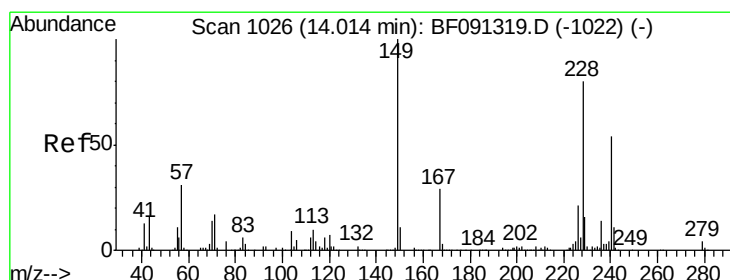
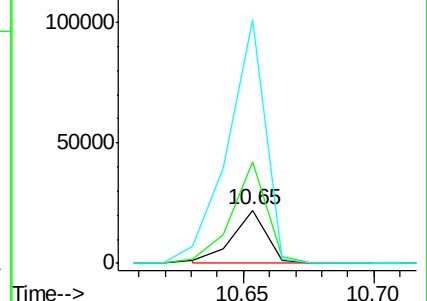
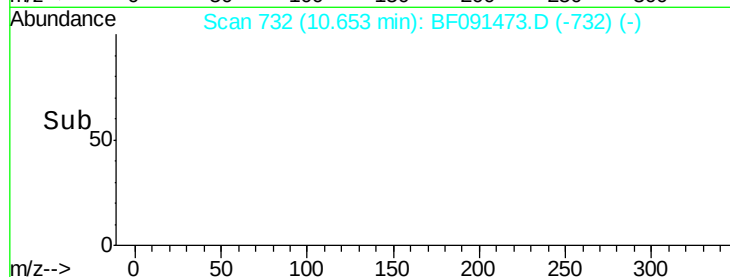
141 455.8 71.9 107.9#



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: 13.98 min Scan# 1023

Delta R.T. -0.06 min

Lab File: BF091473.D

Acq: 7 Dec 2016 16:58

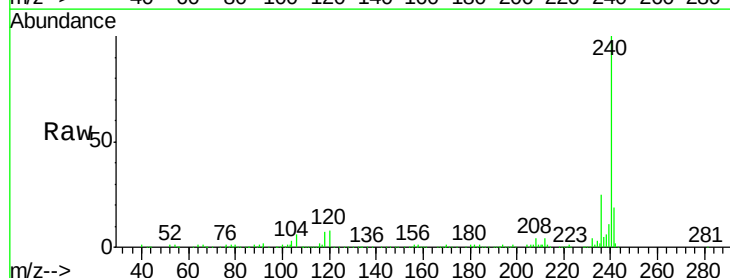
Tgt Ion:240 Resp: 599005

Ion Ratio Lower Upper

240 100

120 8.0 12.1 18.1#

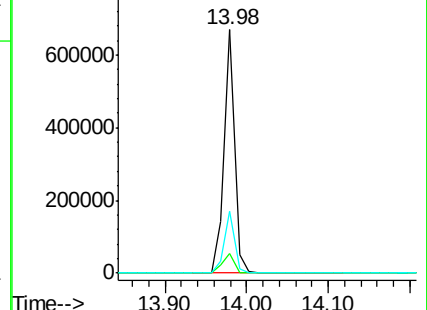
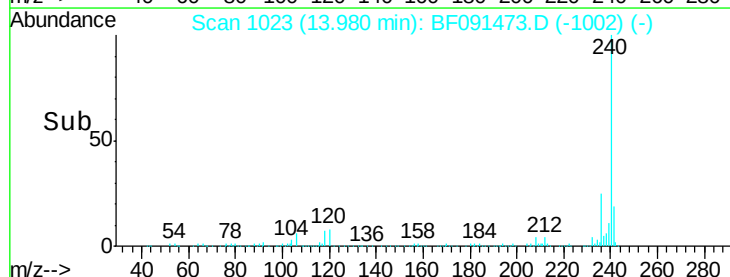
236 25.4 21.0 31.6

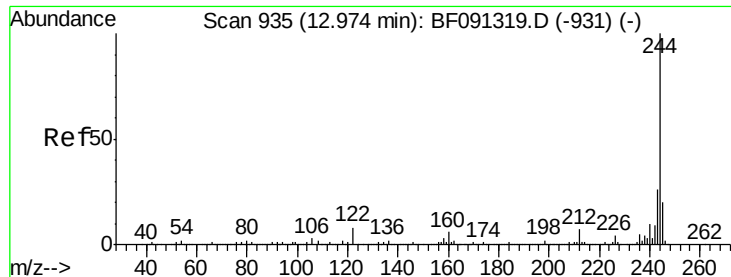


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 55.19 ng

RT: 12.94 min Scan# 932

Delta R.T. -0.05 min

Lab File: BF091473.D

Acq: 7 Dec 2016 16:58

Instrument :

BNA_F

ClientSampleId :

PB95096TB

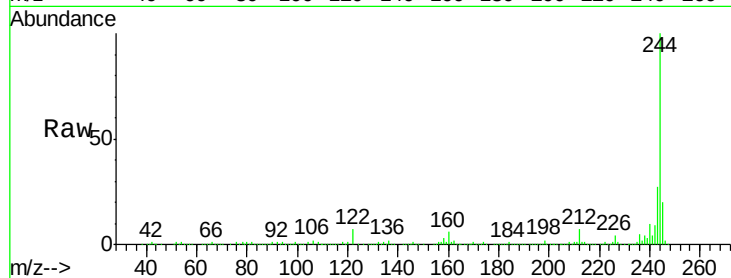
Tgt Ion:244 Resp: 1520899

Ion Ratio Lower Upper

244 100

212 6.8 6.5 9.7

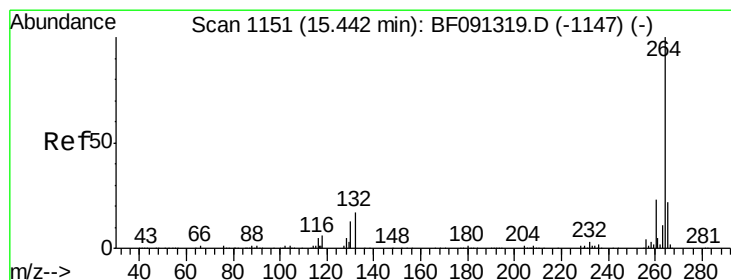
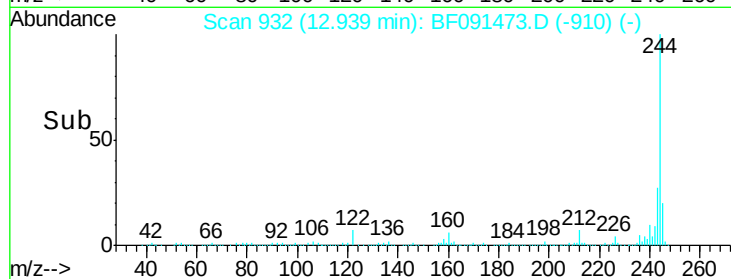
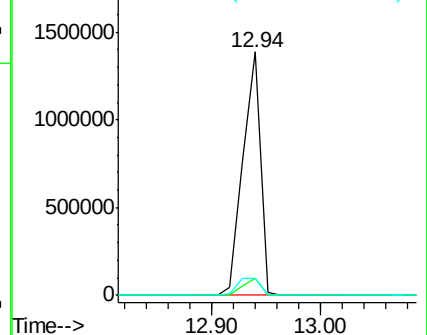
122 7.1 9.5 14.3#



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: 15.40 min Scan# 1147

Delta R.T. -0.07 min

Lab File: BF091473.D

Acq: 7 Dec 2016 16:58

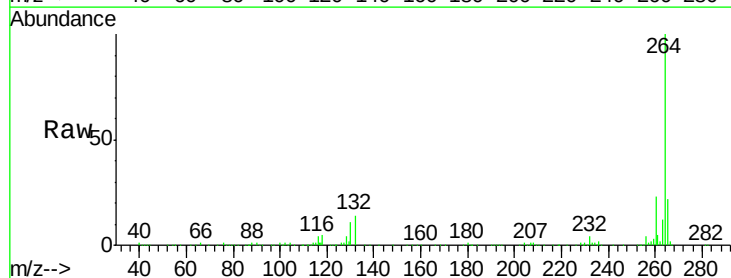
Tgt Ion:264 Resp: 455742

Ion Ratio Lower Upper

264 100

260 23.4 18.8 28.2

265 21.9 17.0 25.6



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

