

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120716\
 Data File : BF091488.D
 Acq On : 7 Dec 2016 23:58
 Operator : UM/SJ
 Sample : H5869-12
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-17-18-COMP4

Quant Time: Dec 08 01:23:32 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 08 00:35:13 2016
 Response via : Initial Calibration

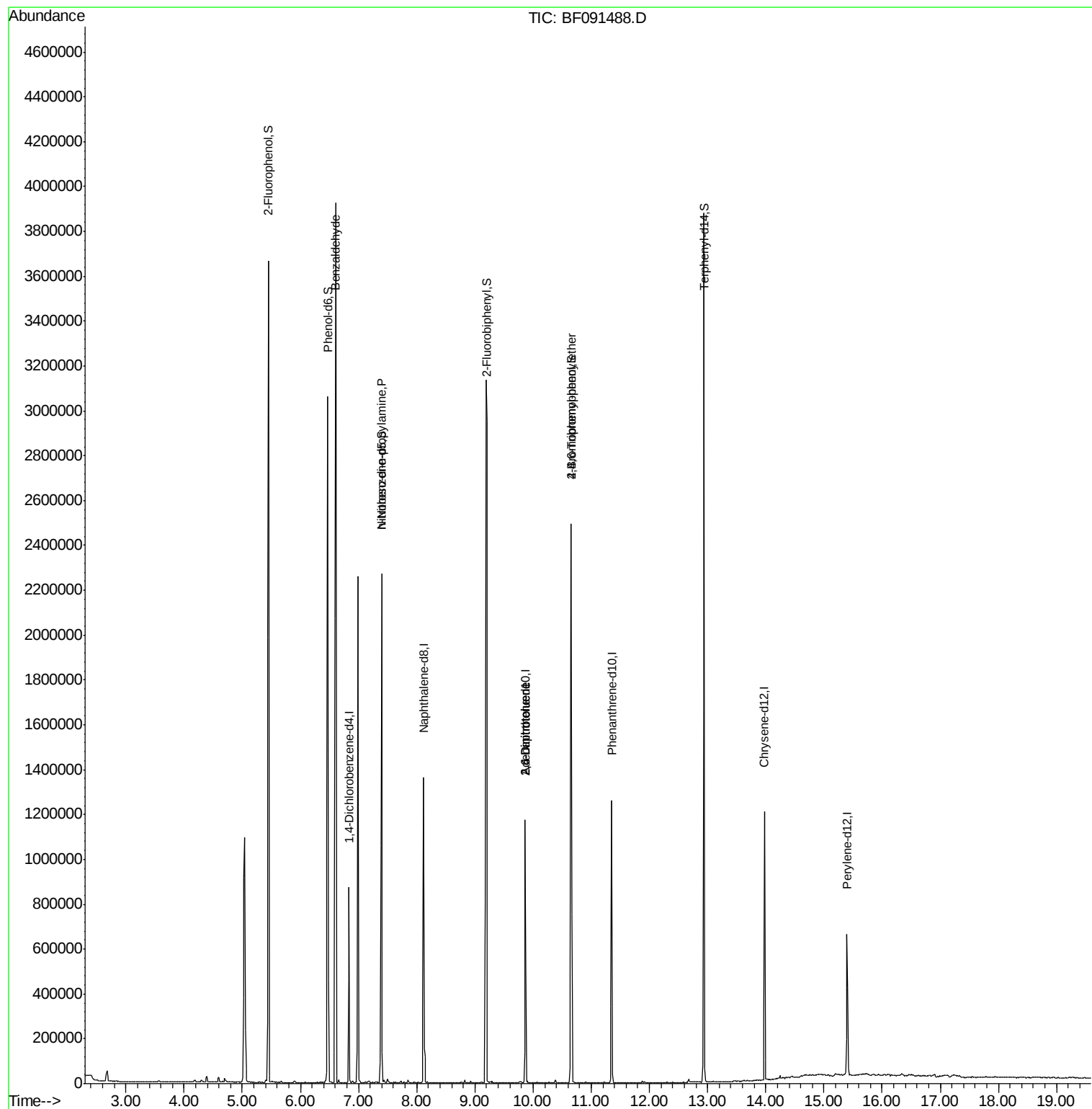
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	149916	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	586557	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	308664	20.00	ng	-0.01
63) Phenanthrene-d10	11.35	188	484997	20.00	ng	0.00
75) Chrysene-d12	13.98	240	415277	20.00	ng	0.00
86) Perylene-d12	15.40	264	328194	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1026466	111.85	ng	0.02
7) Phenol-d6	6.47	99	1027293	90.94	ng	0.00
23) Nitrobenzene-d5	7.40	82	781208	74.64	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	349627	119.65	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	1678150	98.44	ng	0.00
78) Terphenyl-d14	12.94	244	1369786	71.69	ng	0.00
Target Compounds						
9) Benzaldehyde	6.61	77	27353	3.77	ng	Qvalue 93
19) n-Nitroso-di-n-propylamine	7.40	70	108698	15.27	ng	# 72
50) 2,6-Dinitrotoluene	9.86	165	39619	9.48	ng	# 16
56) 2,4-Dinitrotoluene	9.86	165	39621	7.31	ng	# 33
66) 4-Bromophenyl-phenylether	10.65	248	19724	3.78	ng	# 1

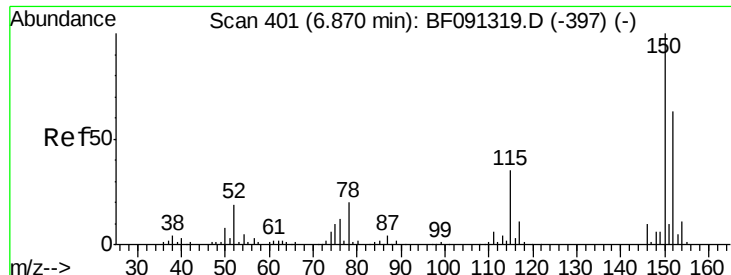
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 08 01:23:32 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 08 00:35:13 2016
Response via : Initial Calibration

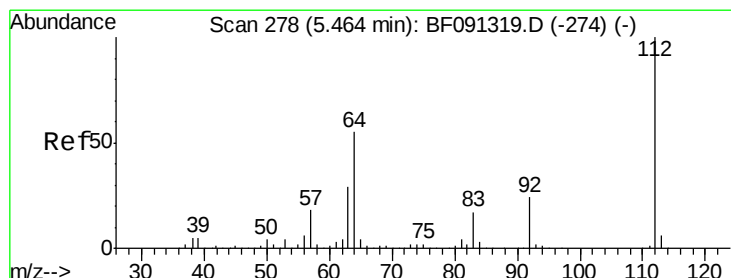
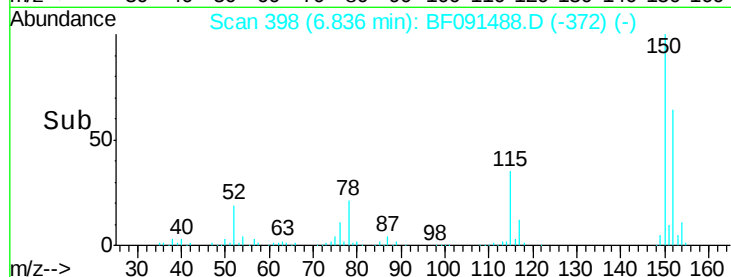
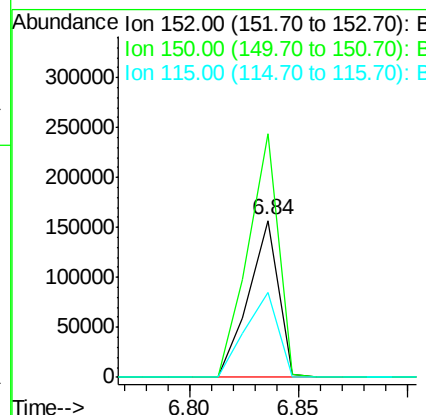
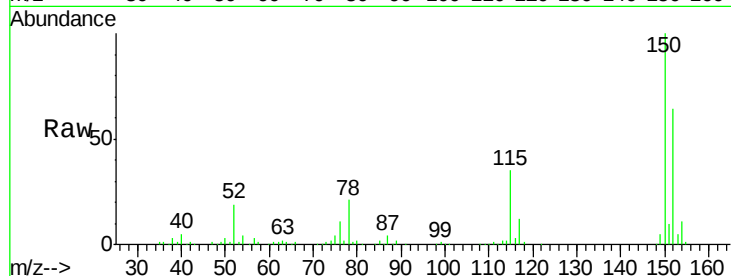




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.84 min Scan# 398
 Delta R.T. -0.00 min
 Lab File: BF091488.D
 Acq: 7 Dec 2016 23:58

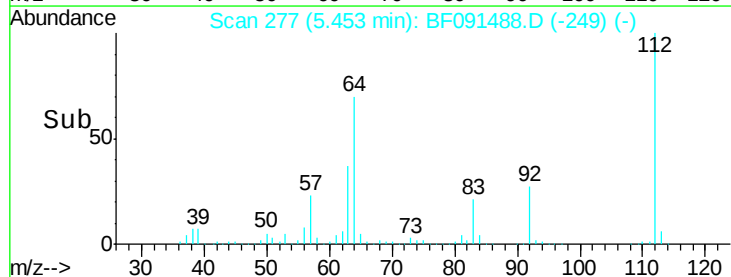
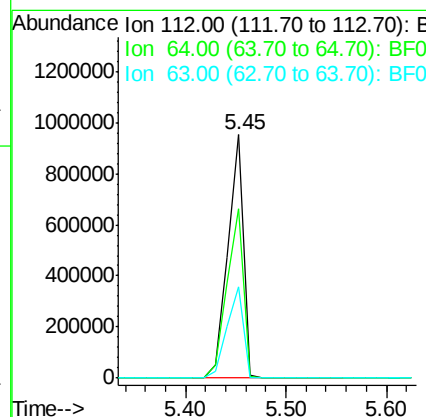
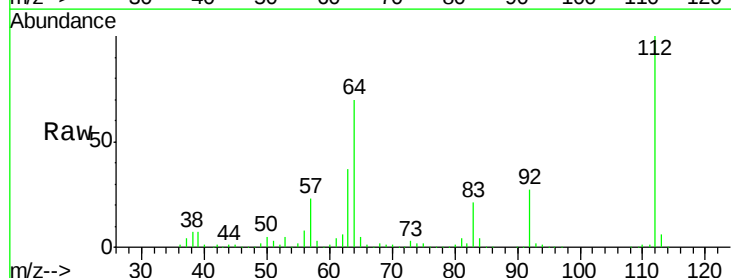
Instrument :
 BNA_F
 ClientSampleId :
 TP-17-18-COMP4

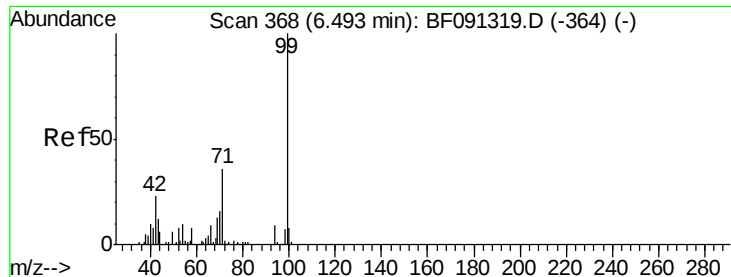
Tgt Ion:152 Resp: 149916
 Ion Ratio Lower Upper
 152 100
 150 155.3 122.5 183.7
 115 54.4 51.8 77.8



#5
 2-Fluorophenol
 Concen: 111.85 ng
 RT: 5.45 min Scan# 277
 Delta R.T. 0.02 min
 Lab File: BF091488.D
 Acq: 7 Dec 2016 23:58

Tgt Ion:112 Resp: 1026466
 Ion Ratio Lower Upper
 112 100
 64 69.7 61.5 92.3
 63 37.3 33.3 49.9





#7

Phenol-d6

Concen: 90.94 ng

RT: 6.47 min Scan# 366

Delta R.T. -0.00 min

Lab File: BF091488.D

Acq: 7 Dec 2016 23:58

Instrument :

BNA_F

ClientSampleId :

TP-17-18-COMP4

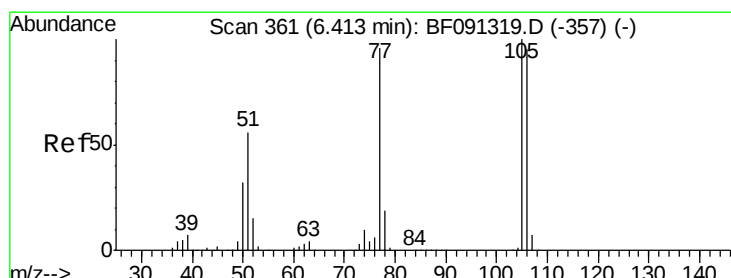
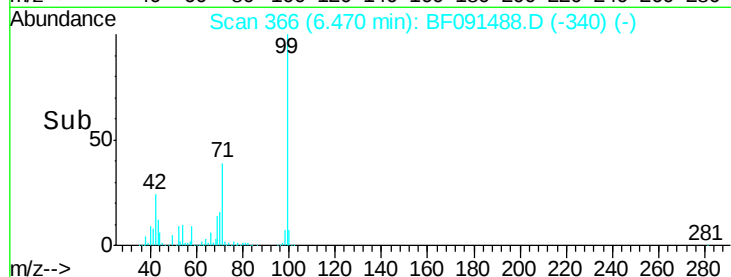
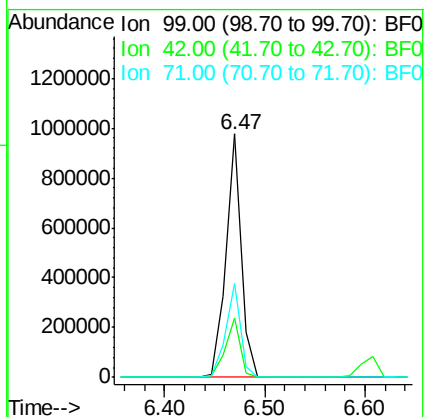
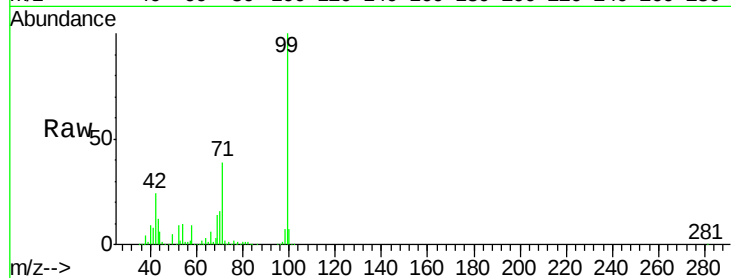
Tgt Ion: 99 Resp: 1027293

Ion Ratio Lower Upper

99 100

42 24.3 20.6 31.0

71 38.6 29.9 44.9



#9

Benzaldehyde

Concen: 3.77 ng

RT: 6.61 min Scan# 378

Delta R.T. 0.23 min

Lab File: BF091488.D

Acq: 7 Dec 2016 23:58

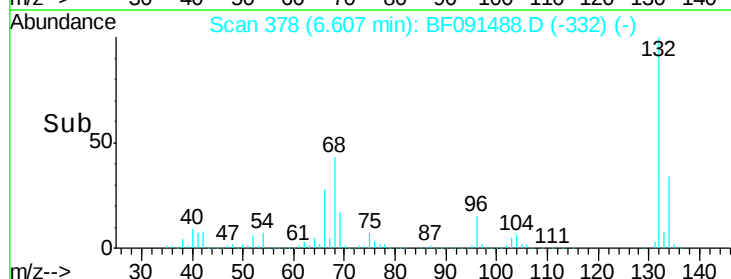
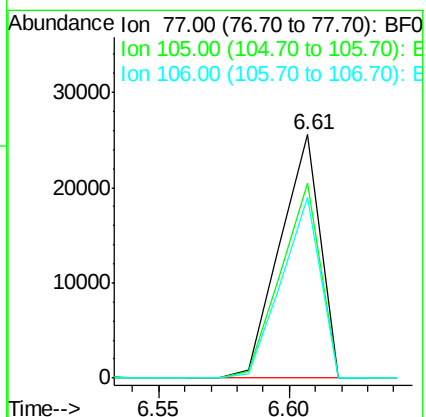
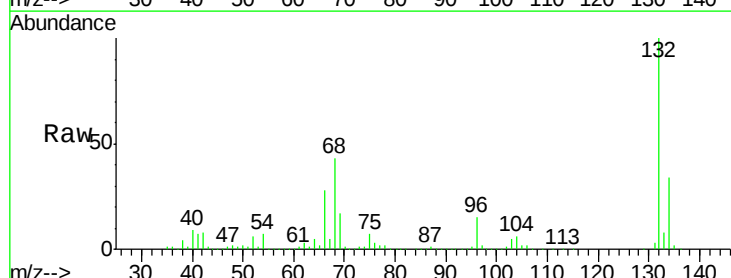
Tgt Ion: 77 Resp: 27353

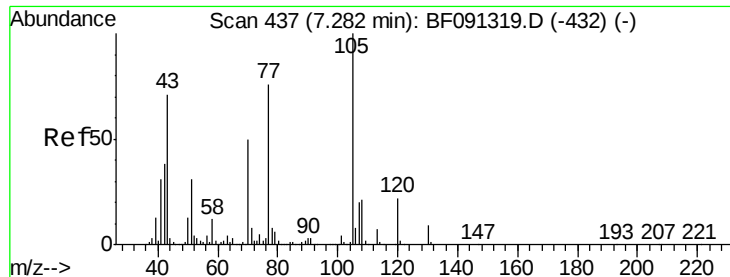
Ion Ratio Lower Upper

77 100

105 80.1 66.4 106.4

106 74.2 60.9 100.9





#19

n-Nitroso-di-n-propylamine

Concen: 15.27 ng

RT: 7.40 min Scan# 447

Delta R.T. 0.14 min

Lab File: BF091488.D

Acq: 7 Dec 2016 23:58

Instrument :

BNA_F

ClientSampleId :

TP-17-18-COMP4

Tgt Ion: 70 Resp: 108698

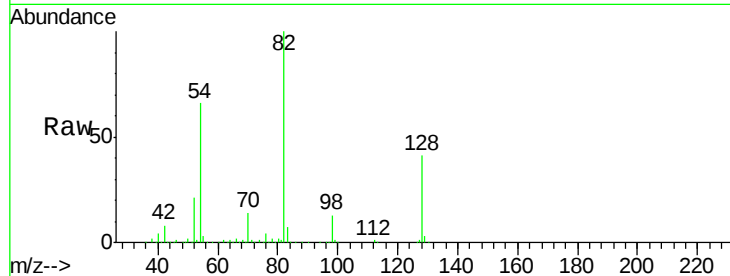
Ion Ratio Lower Upper

70 100

42 56.3 64.8 97.2#

101 0.0 6.2 9.4#

130 1.7 11.7 17.5#

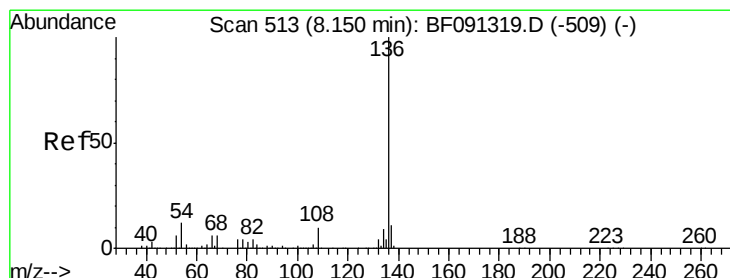
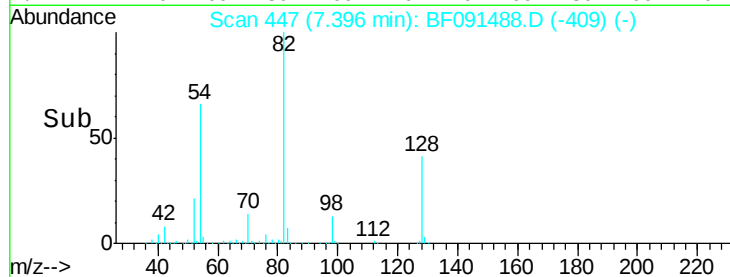
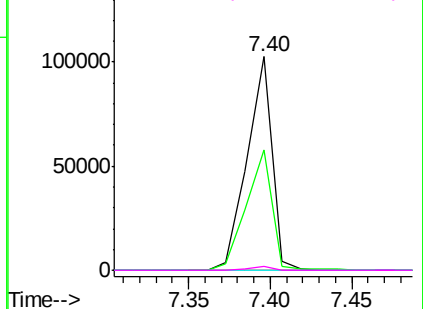


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF091488.D

Acq: 7 Dec 2016 23:58

Tgt Ion: 136 Resp: 586557

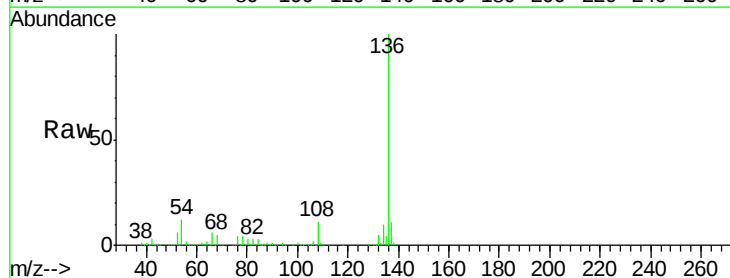
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 11.5 9.1 13.7

68 5.1 5.9 8.9#

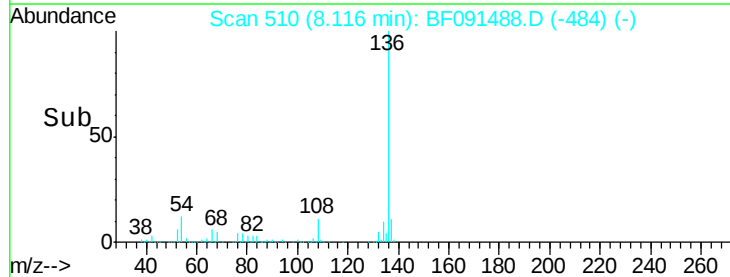
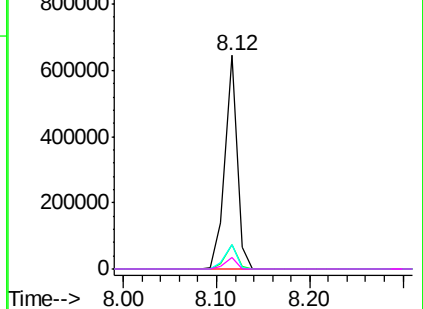


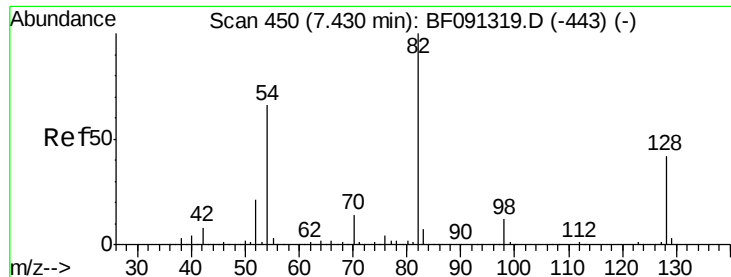
Abundance Ion 136.00 (135.70 to 136.70): E

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

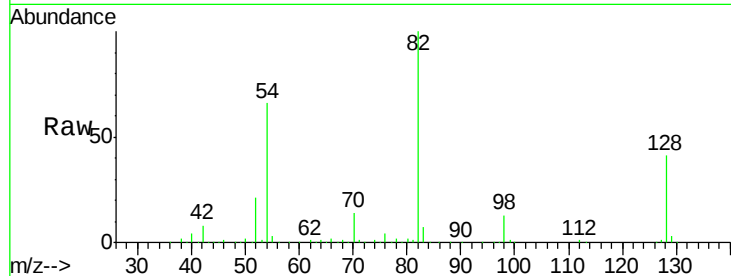




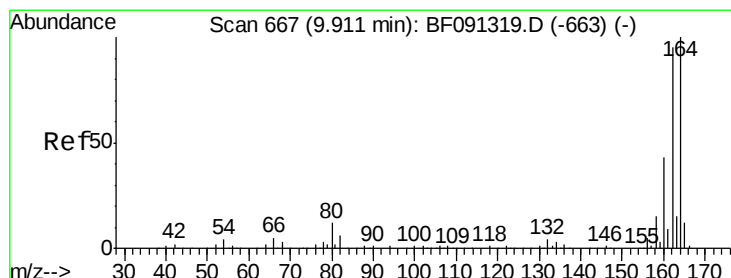
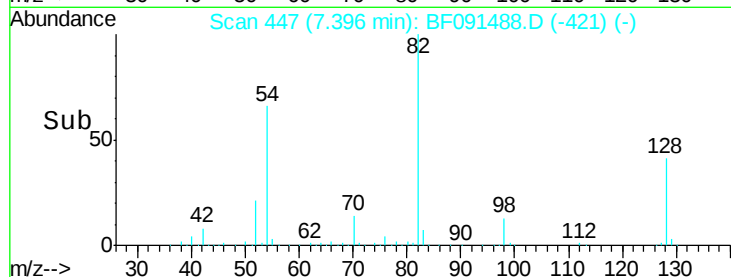
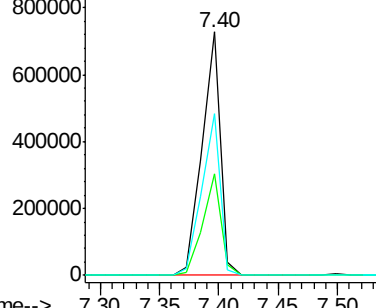
#23
 Nitrobenzene-d5
 Concen: 74.64 ng
 RT: 7.40 min Scan# 447
 Delta R.T. -0.00 min
 Lab File: BF091488.D
 Acq: 7 Dec 2016 23:58

Instrument :
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 ClientSampleId :
 TP-17-18-COMP4

Tgt Ion: 82 Resp: 781208
 Ion Ratio Lower Upper
 82 100
 128 41.5 31.8 47.6
 54 66.3 49.1 73.7

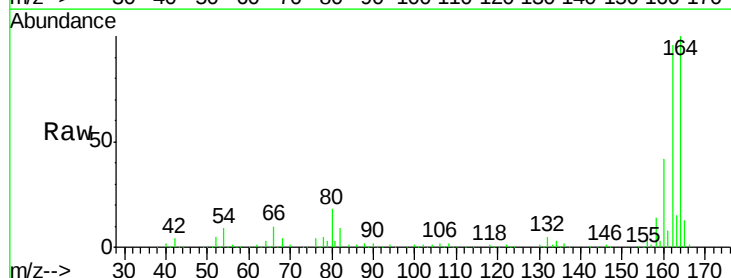


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

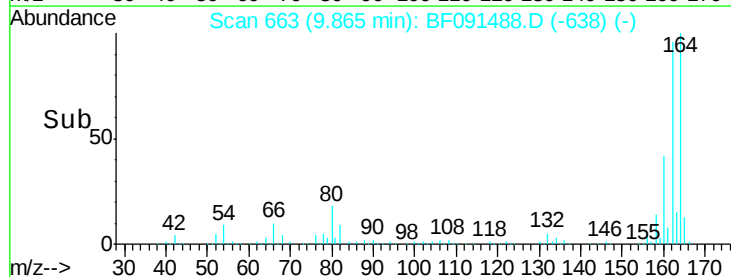
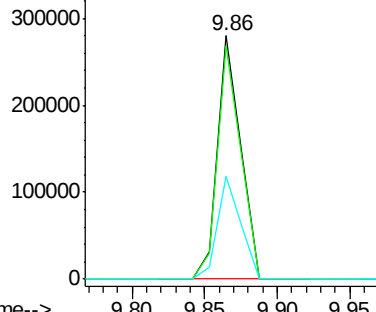


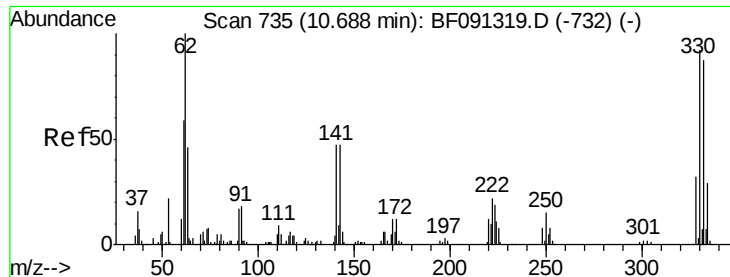
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 663
 Delta R.T. -0.01 min
 Lab File: BF091488.D
 Acq: 7 Dec 2016 23:58

Tgt Ion: 164 Resp: 308664
 Ion Ratio Lower Upper
 164 100
 162 95.7 82.6 124.0
 160 42.3 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

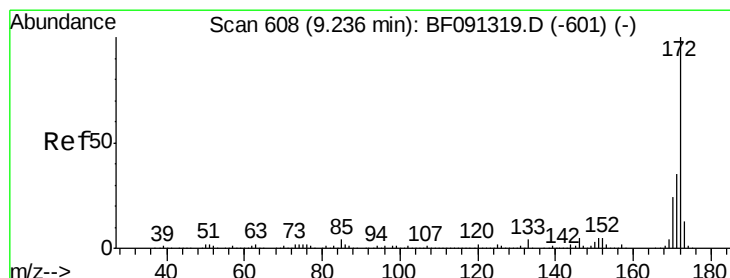
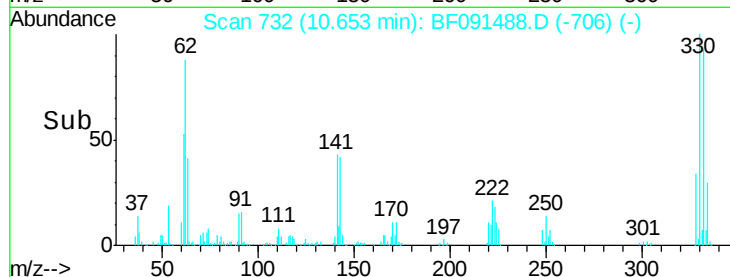
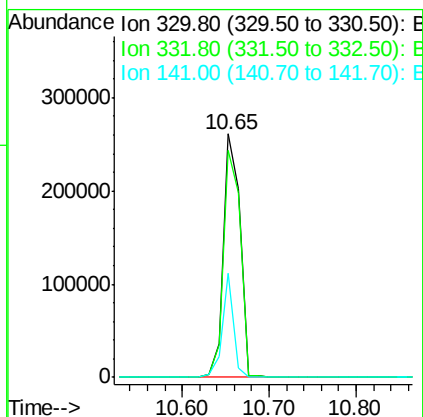
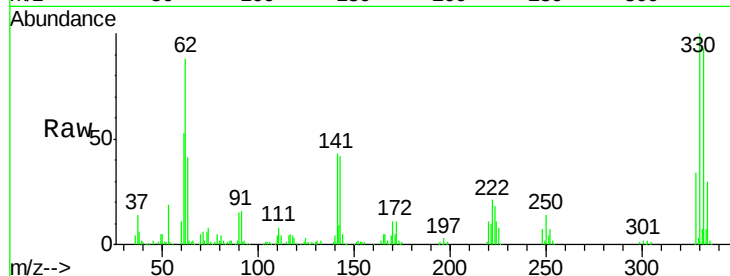




#41
 2,4,6-Tribromophenol
 Concen: 119.65 ng
 RT: 10.65 min Scan# 732
 Delta R.T. -0.00 min
 Lab File: BF091488.D
 Acq: 7 Dec 2016 23:58

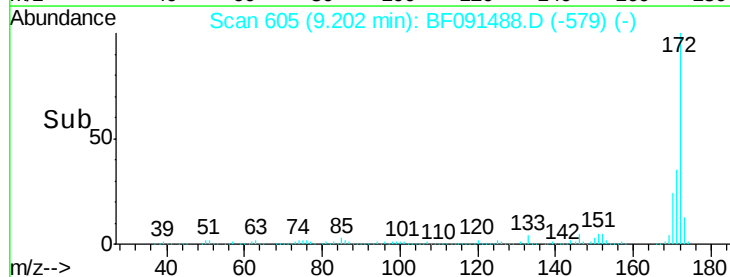
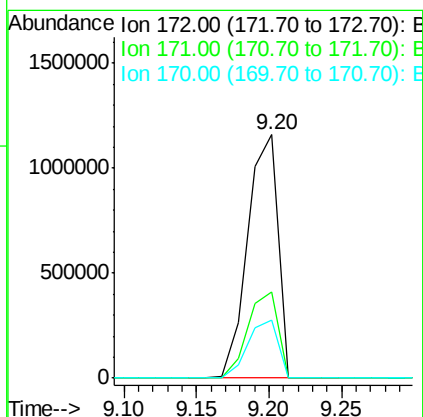
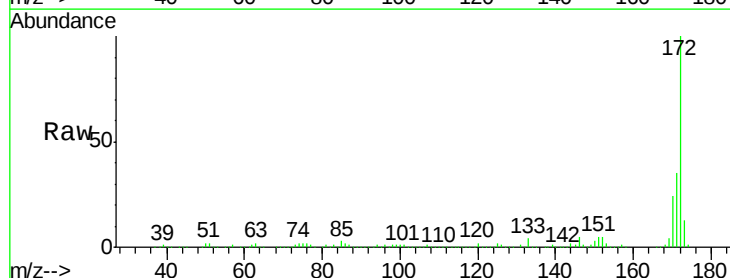
Instrument :
 BNA_F
 ClientSampleId :
 TP-17-18-COMP4

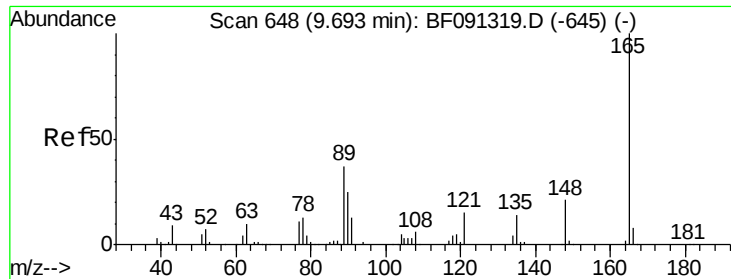
Tgt Ion:330 Resp: 349627
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.2 114.4
 141 28.9 33.6 50.4#



#44
 2-Fluorobiphenyl
 Concen: 98.44 ng
 RT: 9.20 min Scan# 605
 Delta R.T. -0.00 min
 Lab File: BF091488.D
 Acq: 7 Dec 2016 23:58

Tgt Ion:172 Resp: 1678150
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.4 44.0
 170 23.8 19.7 29.5

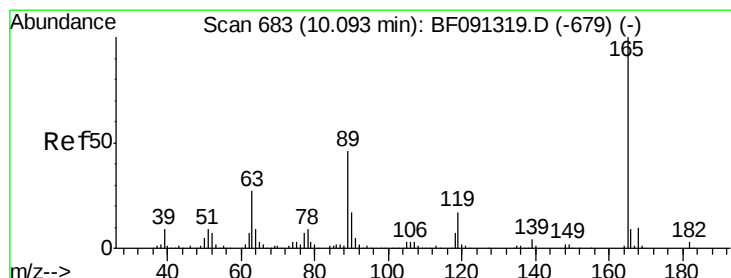
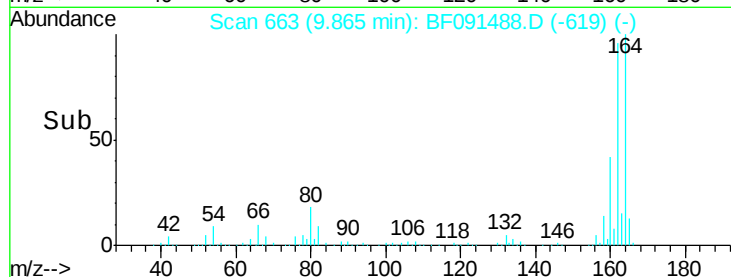
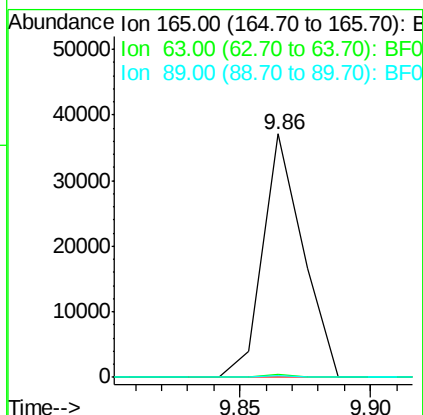
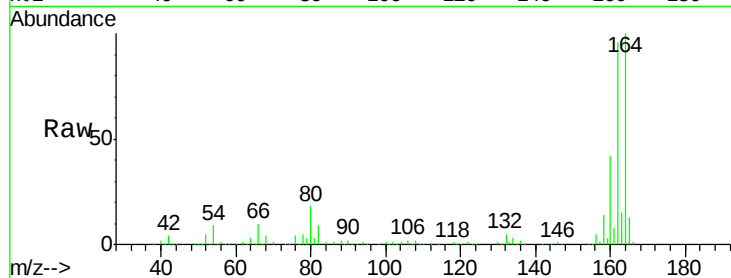




#50
2,6-Dinitrotoluene
Concen: 9.48 ng
RT: 9.86 min Scan# 663
Delta R.T. 0.21 min
Lab File: BF091488.D
Acq: 7 Dec 2016 23:58

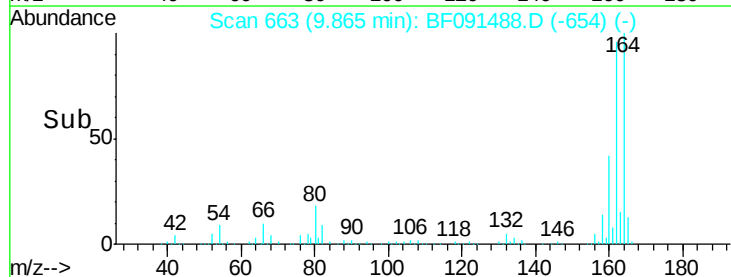
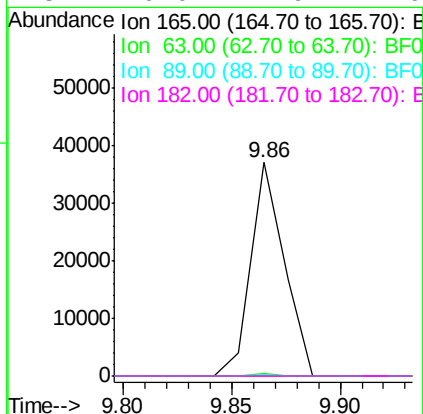
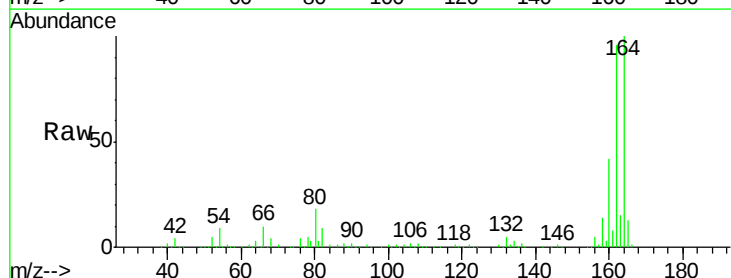
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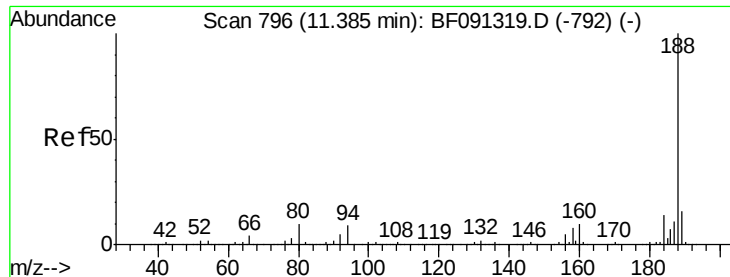
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	59.4	89.0#
89	0.9	50.8	76.2#



#56
2,4-Dinitrotoluene
Concen: 7.31 ng
RT: 9.86 min Scan# 663
Delta R.T. -0.19 min
Lab File: BF091488.D
Acq: 7 Dec 2016 23:58

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

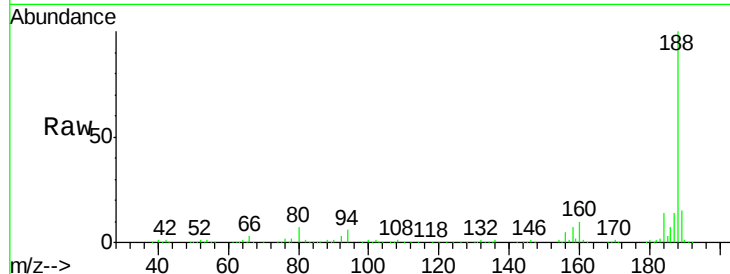




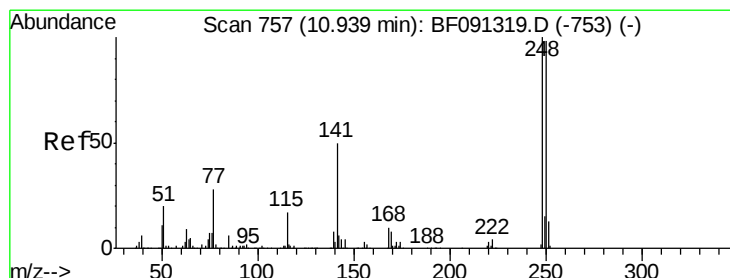
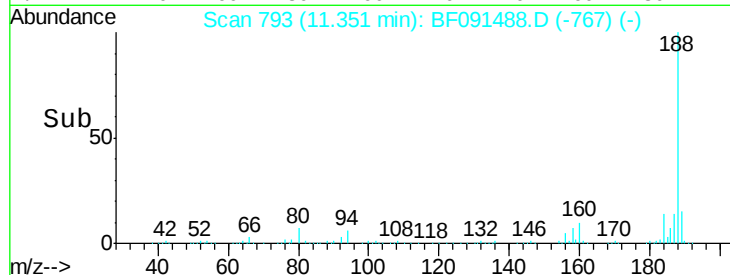
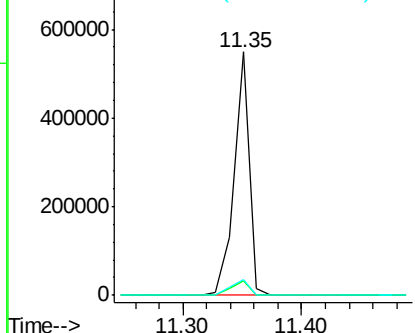
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 793
Delta R.T. -0.00 min
Lab File: BF091488.D
Acq: 7 Dec 2016 23:58

Instrument :
BNA_F
ClientSampleId :
TP-17-18-COMP4

Tgt Ion:188 Resp: 484997
Ion Ratio Lower Upper
188 100
94 6.1 9.2 13.8#
80 6.6 10.5 15.7#

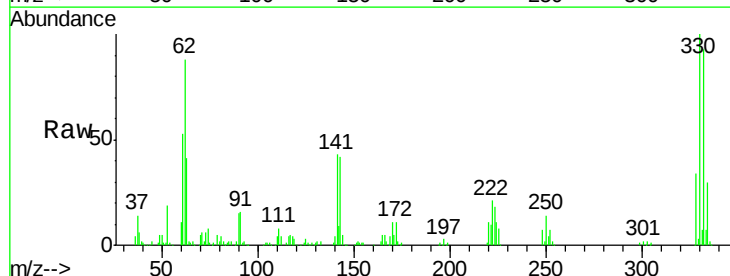


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

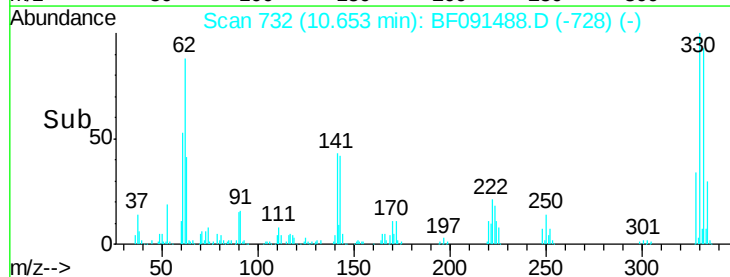
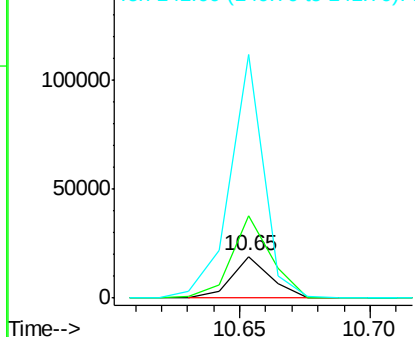


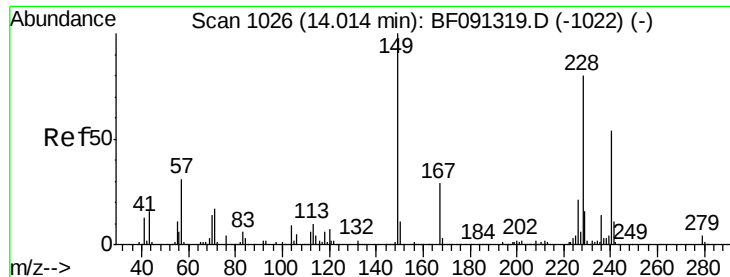
#66
4-Bromophenyl-phenylether
Concen: 3.78 ng
RT: 10.65 min Scan# 732
Delta R.T. -0.25 min
Lab File: BF091488.D
Acq: 7 Dec 2016 23:58

Tgt Ion:248 Resp: 19724
Ion Ratio Lower Upper
248 100
250 197.0 78.2 117.4#
141 580.3 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. -0.00 min

Lab File: BF091488.D

Acq: 7 Dec 2016 23:58

Instrument :

BNA_F

ClientSampleId :

TP-17-18-COMP4

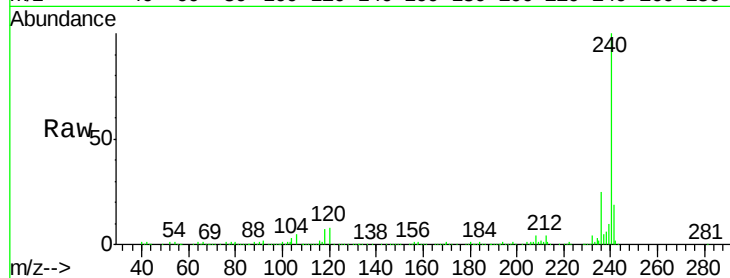
Tgt Ion:240 Resp: 415277

Ion Ratio Lower Upper

240 100

120 7.9 12.1 18.1#

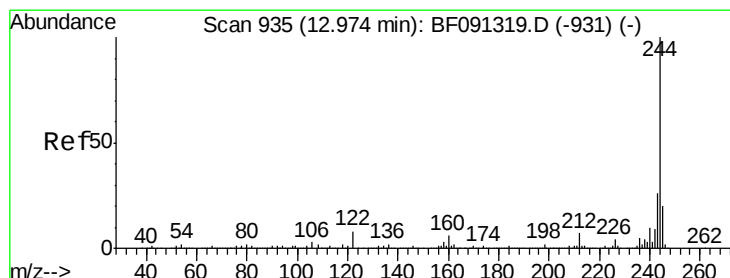
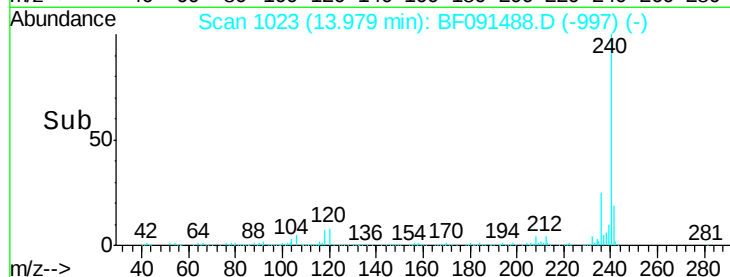
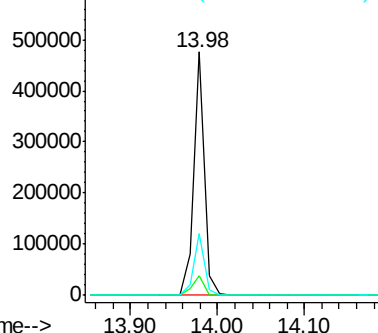
236 25.4 21.0 31.6



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: 71.69 ng

RT: 12.94 min Scan# 932

Delta R.T. 0.00 min

Lab File: BF091488.D

Acq: 7 Dec 2016 23:58

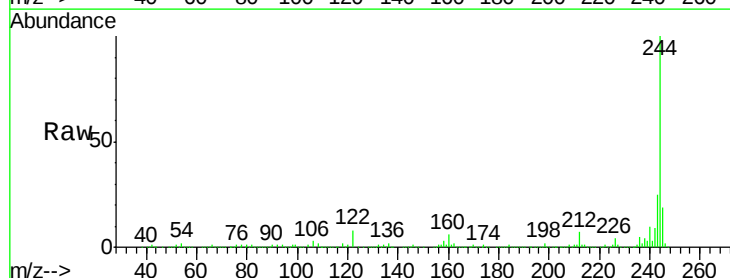
Tgt Ion:244 Resp: 1369786

Ion Ratio Lower Upper

244 100

212 6.9 6.5 9.7

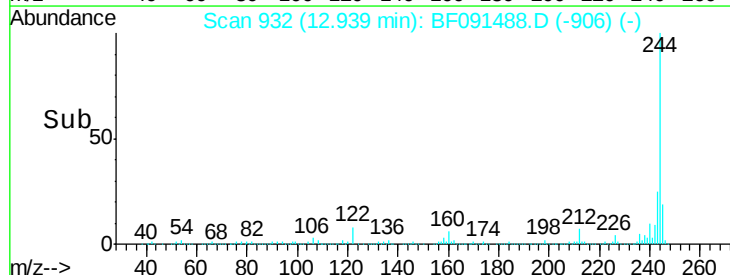
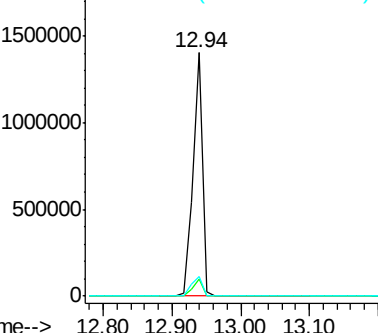
122 7.8 9.5 14.3#

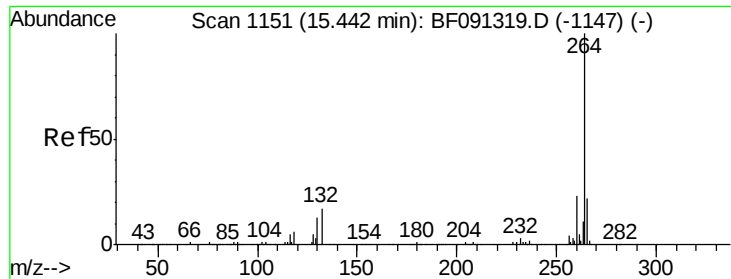


Abundance Ion 244.00 (243.70 to 244.70): E

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. -0.00 min
Lab File: BF091488.D
Acq: 7 Dec 2016 23:58

Instrument :
BNA_F
ClientSampleId :
TP-17-18-COMP4

Tgt Ion: 264 Resp: 328194
Ion Ratio Lower Upper
264 100
260 23.8 18.8 28.2
265 22.2 17.0 25.6

