

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120716\
 Data File : BF091489.D
 Acq On : 8 Dec 2016 00:26
 Operator : UM/SJ
 Sample : H5869-13
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP19-COMP5

Quant Time: Dec 08 01:23:43 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

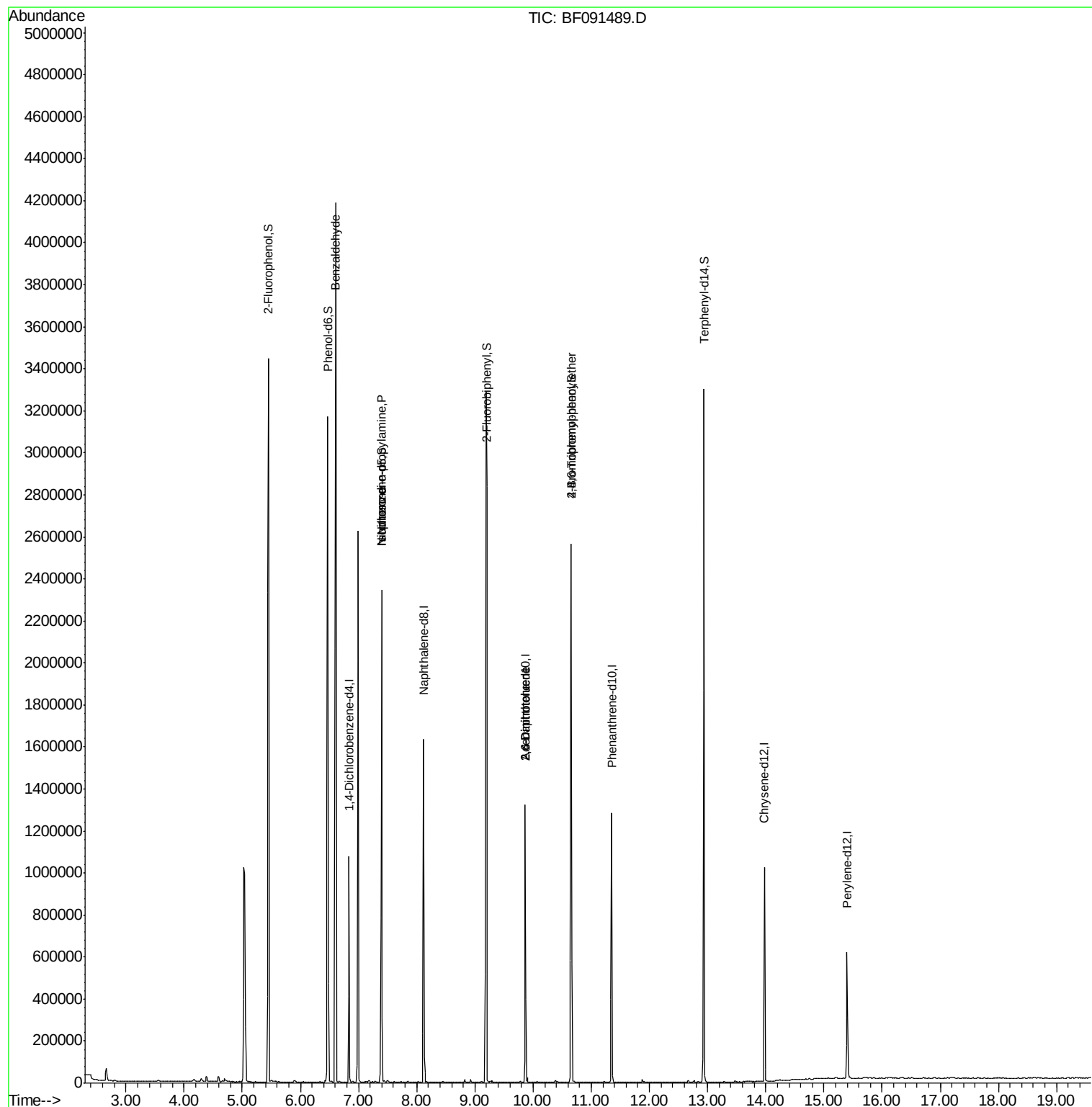
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	165706	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	645953	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	306408	20.00	ng	-0.01
63) Phenanthrene-d10	11.35	188	498723	20.00	ng	0.00
75) Chrysene-d12	13.98	240	367272	20.00	ng	0.00
86) Perylene-d12	15.40	264	297244	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1079868	106.46	ng	0.02
7) Phenol-d6	6.47	99	1058388	84.76	ng	0.00
23) Nitrobenzene-d5	7.40	82	760431	65.97	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	329236	113.50	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	1613491	95.34	ng	0.00
78) Terphenyl-d14	12.94	244	1304171	77.18	ng	0.00
Target Compounds						
9) Benzaldehyde	6.61	77	29916	3.73	ng	Qvalue 88
19) n-Nitroso-di-n-propylamine	7.40	70	105741	13.44	ng	# 73
25) Isophorone	7.40	82	581148	28.46	ng	# 67
50) 2,6-Dinitrotoluene	9.86	165	40892	9.86	ng	# 16
56) 2,4-Dinitrotoluene	9.86	165	40893	7.60	ng	# 33
66) 4-Bromophenyl-phenylether	10.65	248	19950	3.72	ng	# 1

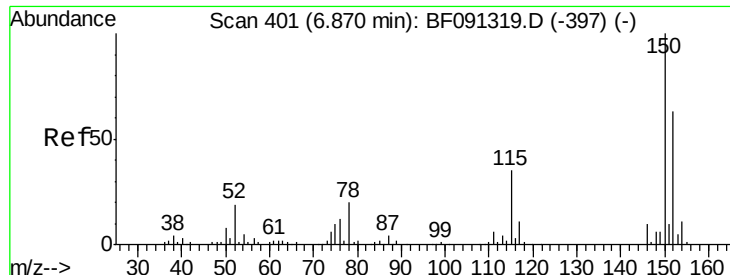
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 08 01:23:43 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: BF091489.D

Acq: 8 Dec 2016 00:26

Instrument :

BNA_F

ClientSampleId :

TP19-COMP5

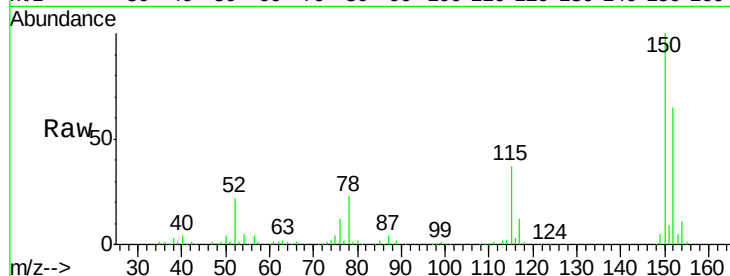
Tgt Ion:152 Resp: 165706

Ion Ratio Lower Upper

152 100

150 154.8 122.5 183.7

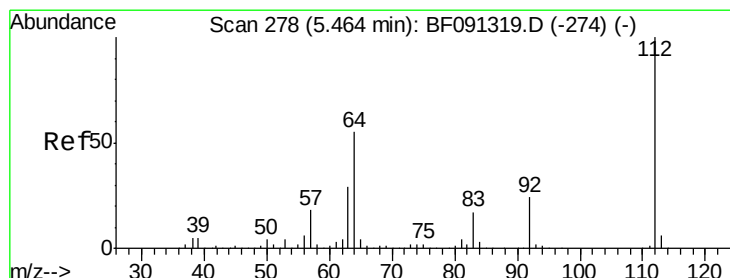
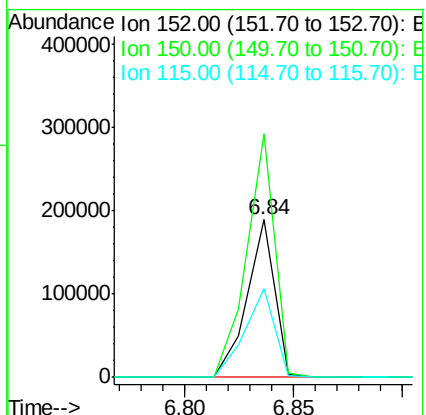
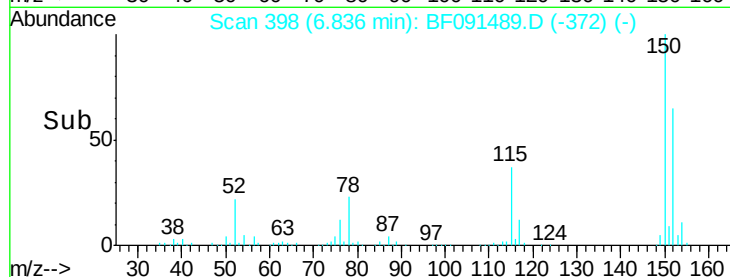
115 56.8 51.8 77.8



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: 106.46 ng

RT: 5.45 min Scan# 277

Delta R.T. 0.02 min

Lab File: BF091489.D

Acq: 8 Dec 2016 00:26

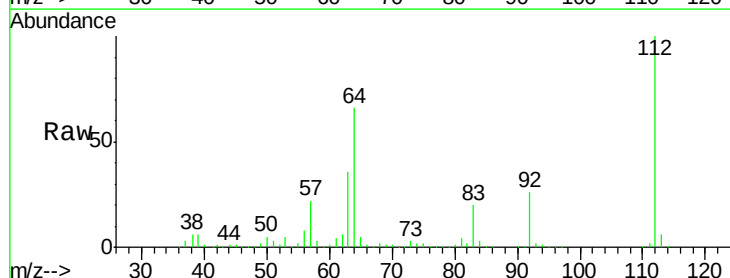
Tgt Ion:112 Resp: 1079868

Ion Ratio Lower Upper

112 100

64 66.1 61.5 92.3

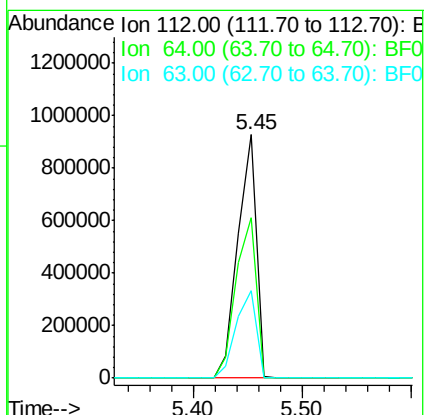
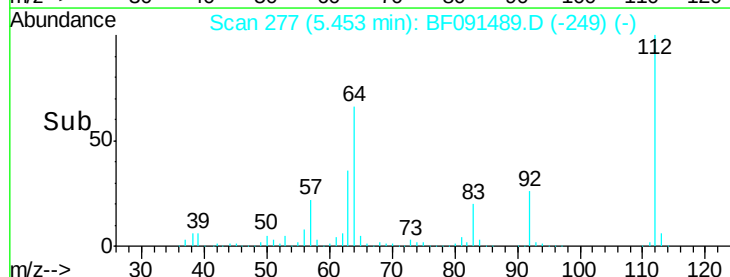
63 35.7 33.3 49.9

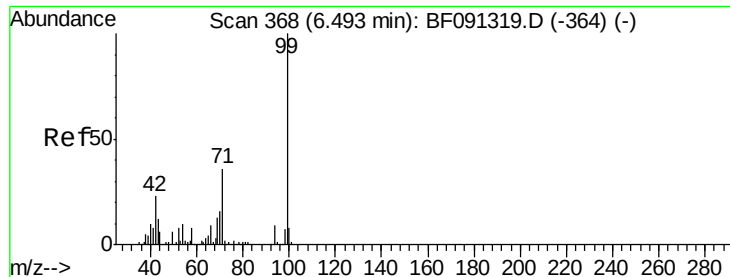


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 84.76 ng

RT: 6.47 min Scan# 366

Delta R.T. 0.00 min

Lab File: BF091489.D

Acq: 8 Dec 2016 00:26

Instrument :

BNA_F

ClientSampleId :

TP19-COMP5

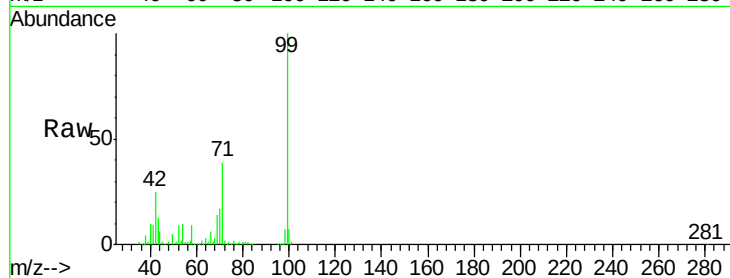
Tgt Ion: 99 Resp: 1058388

Ion Ratio Lower Upper

99 100

42 24.7 20.6 31.0

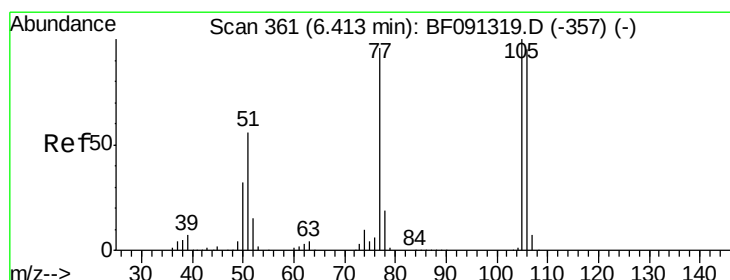
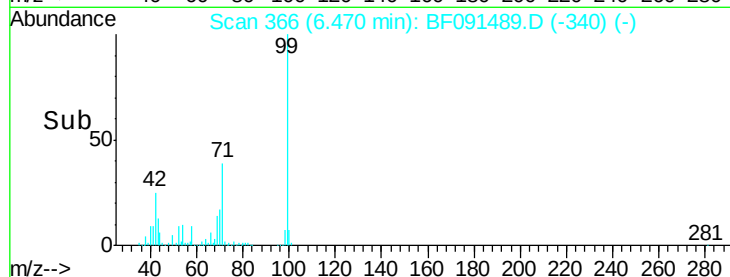
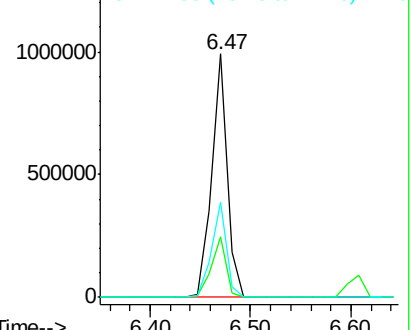
71 38.8 29.9 44.9



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



#9

Benzaldehyde

Concen: 3.73 ng

RT: 6.61 min Scan# 378

Delta R.T. 0.23 min

Lab File: BF091489.D

Acq: 8 Dec 2016 00:26

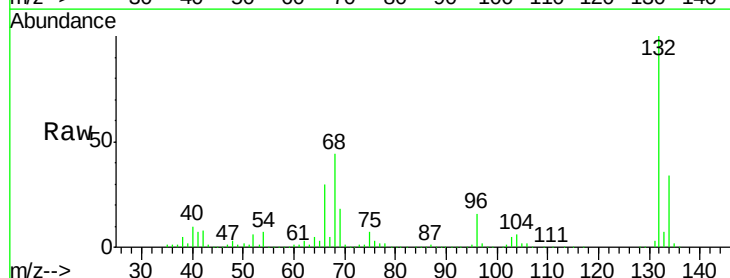
Tgt Ion: 77 Resp: 29916

Ion Ratio Lower Upper

77 100

105 78.7 66.4 106.4

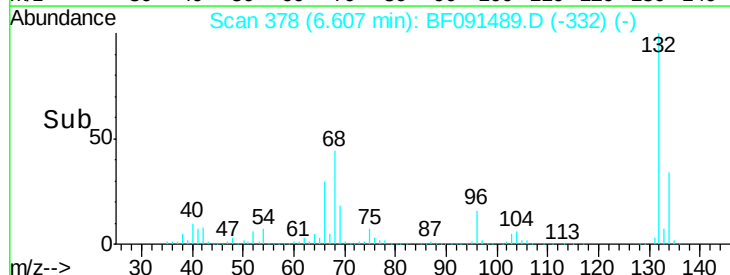
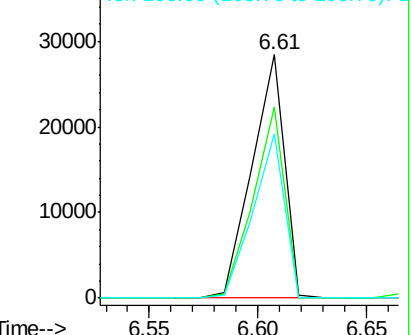
106 67.6 60.9 100.9

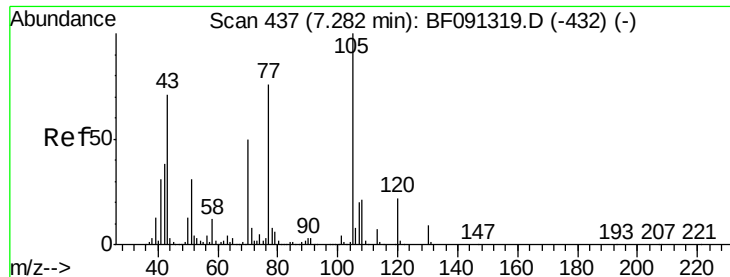


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

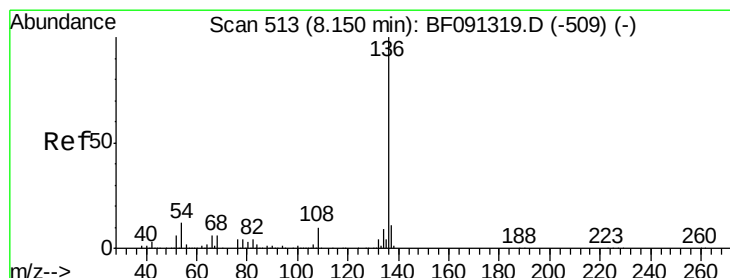
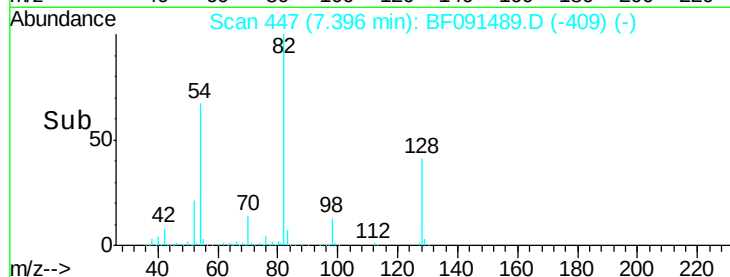
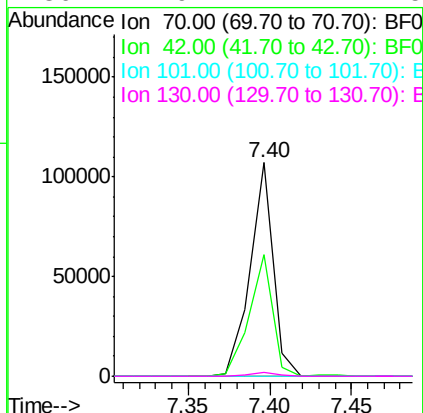
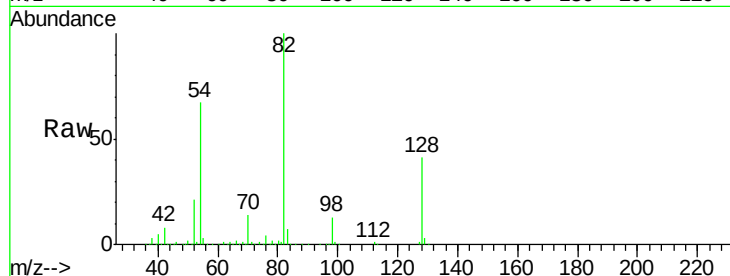




#19
n-Nitroso-di-n-propylamine
Concen: 13.44 ng
RT: 7.40 min Scan# 447
Delta R.T. 0.14 min
Lab File: BF091489.D
Acq: 8 Dec 2016 00:26

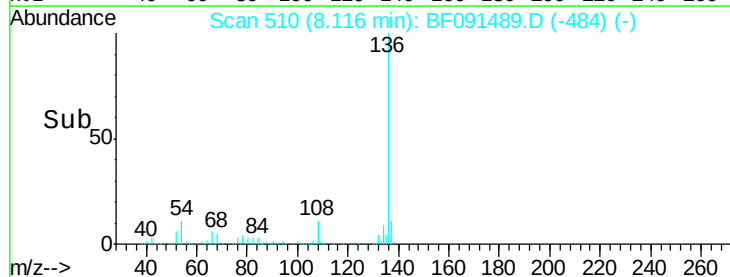
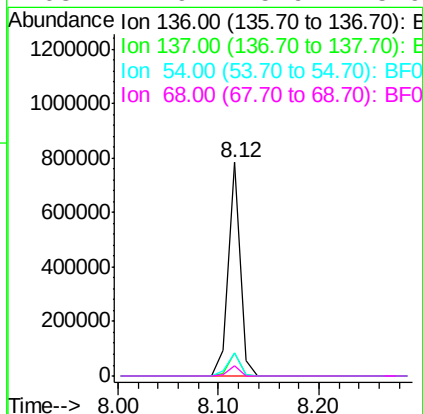
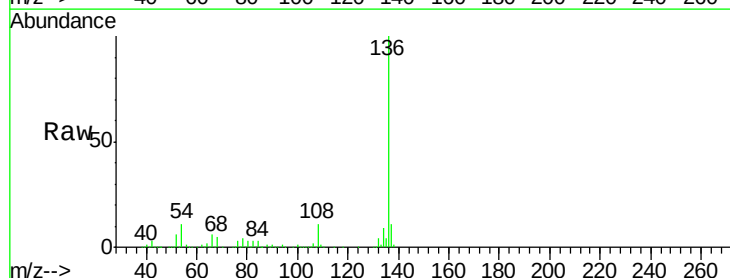
Instrument :
BNA_F
ClientSampleId :
TP19-COMP5

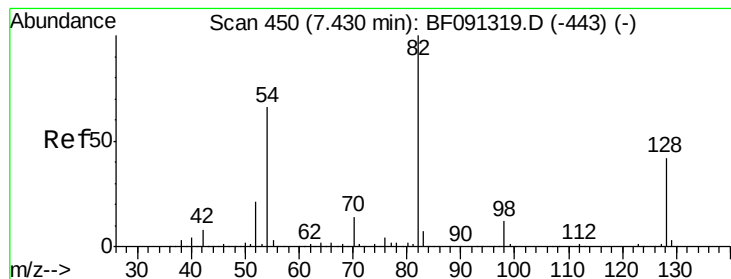
Tgt Ion: 70 Resp: 105741
Ion Ratio Lower Upper
70 100
42 56.8 64.8 97.2#
101 0.0 6.2 9.4#
130 1.9 11.7 17.5#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 510
Delta R.T. 0.00 min
Lab File: BF091489.D
Acq: 8 Dec 2016 00:26

Tgt Ion: 136 Resp: 645953
Ion Ratio Lower Upper
136 100
137 10.8 9.1 13.7
54 11.0 9.1 13.7
68 4.9 5.9 8.9#





#23

Nitrobenzene-d5

Concen: 65.97 ng

RT: 7.40 min Scan# 447

Delta R.T. 0.00 min

Lab File: BF091489.D

Acq: 8 Dec 2016 00:26

Instrument :

BNA_F

ClientSampleId :

TP19-COMP5

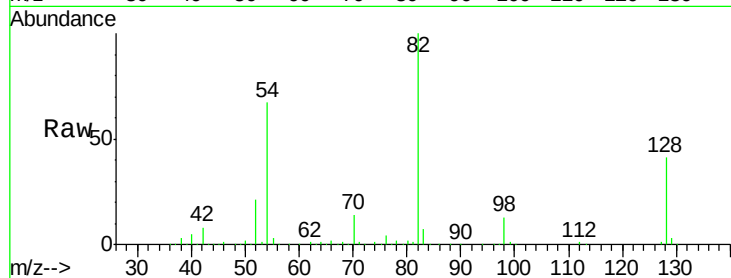
Tgt Ion: 82 Resp: 760431

Ion Ratio Lower Upper

82 100

128 40.7 31.8 47.6

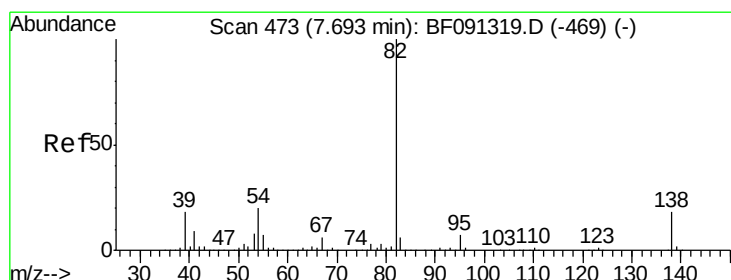
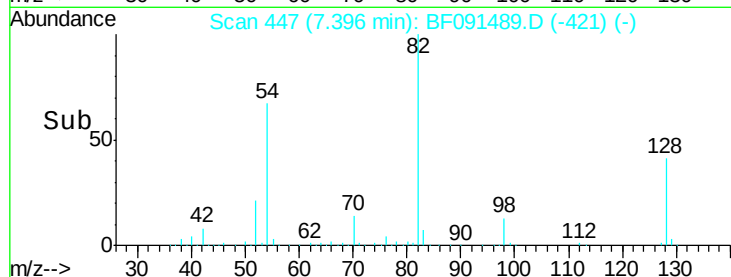
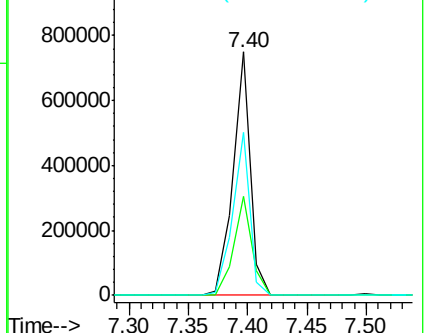
54 66.9 49.1 73.7



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 28.46 ng

RT: 7.40 min Scan# 447

Delta R.T. -0.26 min

Lab File: BF091489.D

Acq: 8 Dec 2016 00:26

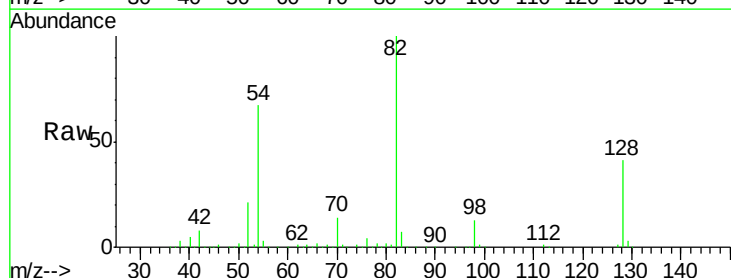
Tgt Ion: 82 Resp: 581148

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

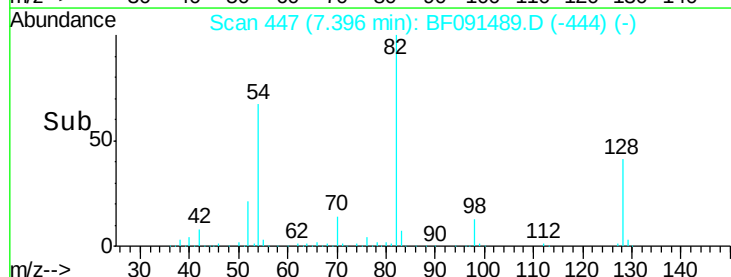
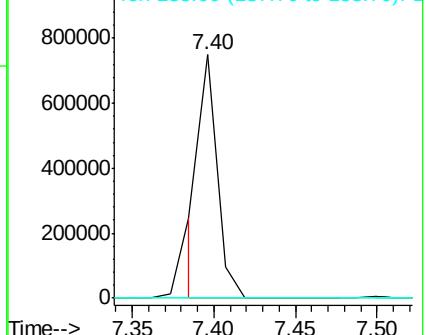
138 0.0 13.4 20.0#

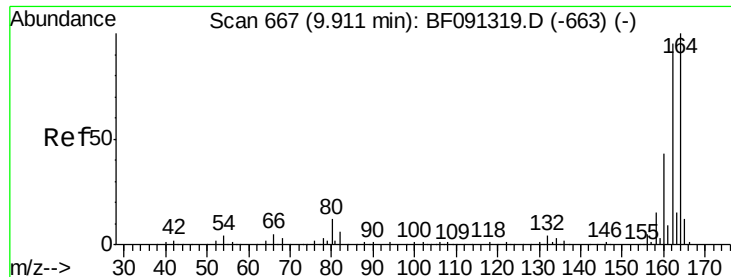


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.86 min Scan# 663

Delta R.T. -0.01 min

Lab File: BF091489.D

Acq: 8 Dec 2016 00:26

Instrument :

BNA_F

ClientSampleId :

TP19-COMP5

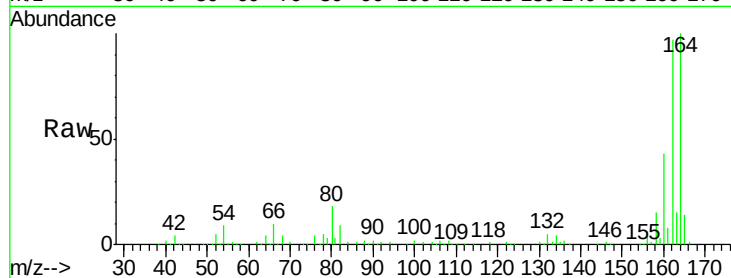
Tgt Ion:164 Resp: 306408

Ion Ratio Lower Upper

164 100

162 96.5 82.6 124.0

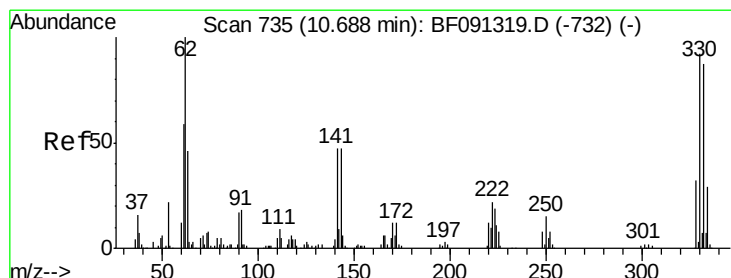
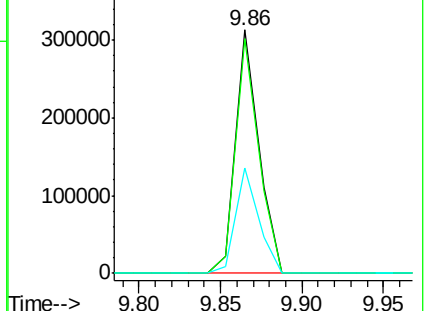
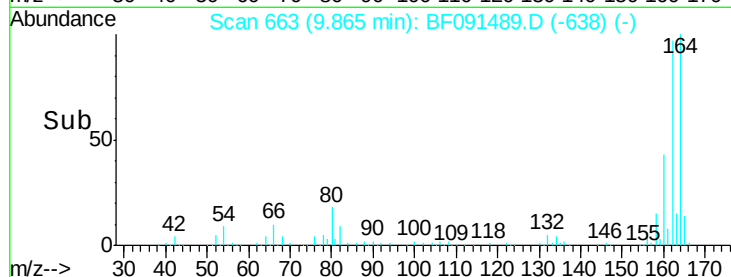
160 43.0 36.7 55.1



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: 113.50 ng

RT: 10.65 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF091489.D

Acq: 8 Dec 2016 00:26

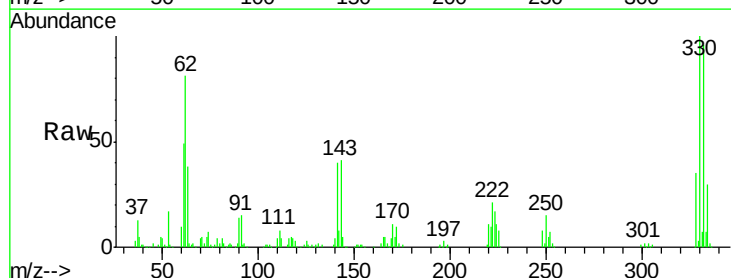
Tgt Ion:330 Resp: 329236

Ion Ratio Lower Upper

330 100

332 95.9 76.2 114.4

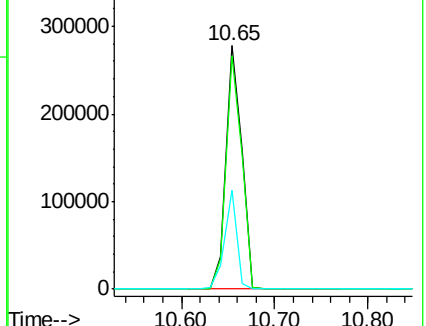
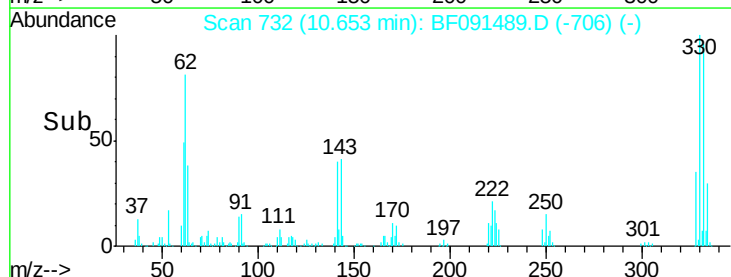
141 30.9 33.6 50.4#

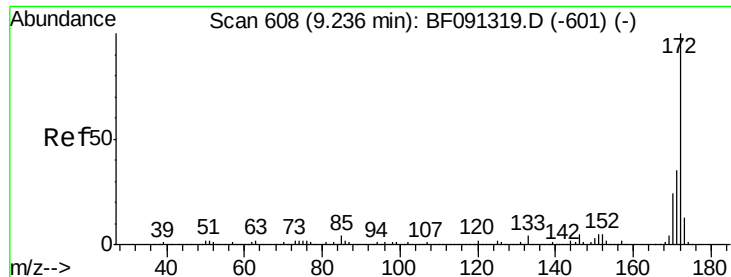


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

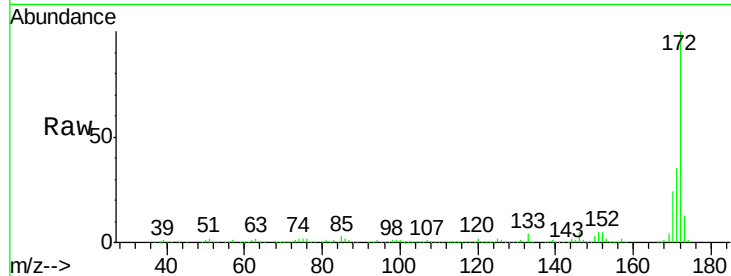




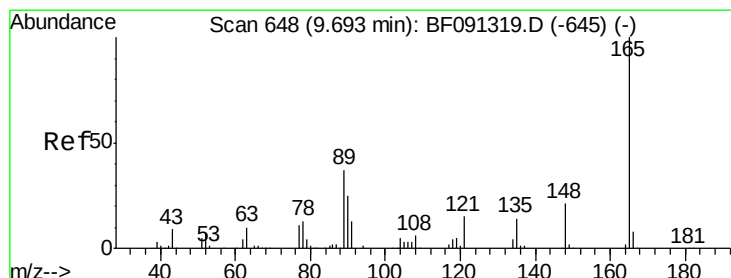
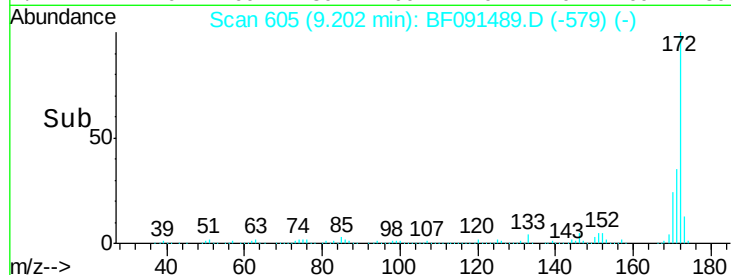
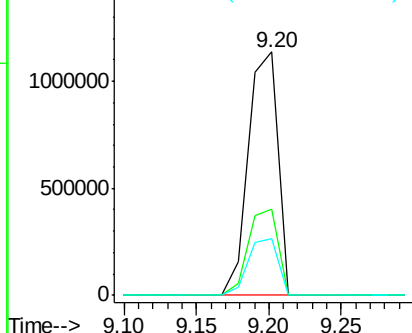
#44
 2-Fluorobiphenyl
 Concen: 95.34 ng
 RT: 9.20 min Scan# 605
 Delta R.T. 0.00 min
 Lab File: BF091489.D
 Acq: 8 Dec 2016 00:26

Instrument :
 BNA_F
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 TP19-COMP5

Tgt Ion:172 Resp: 1613491
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.4 44.0
 170 23.5 19.7 29.5

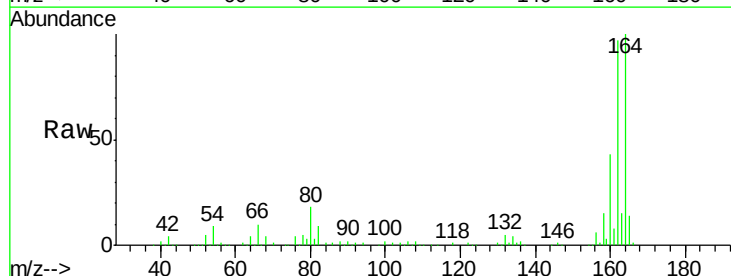


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

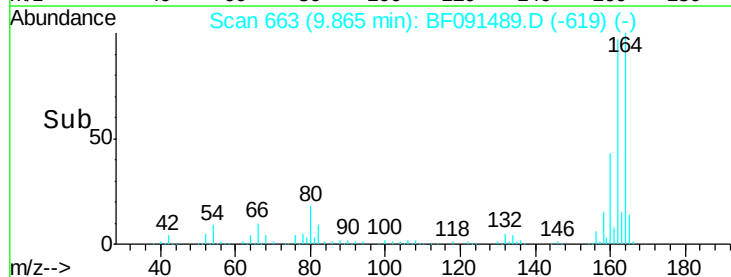
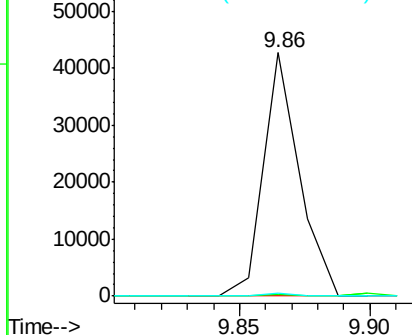


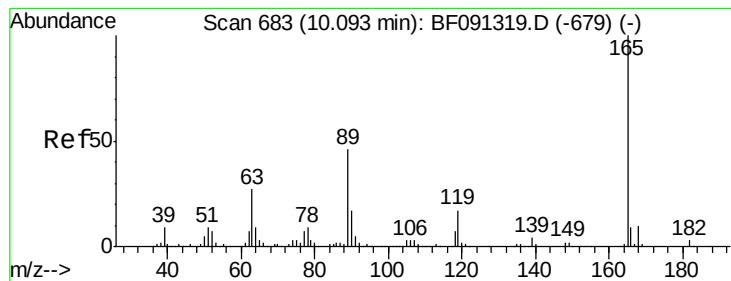
#50
 2,6-Dinitrotoluene
 Concen: 9.86 ng
 RT: 9.86 min Scan# 663
 Delta R.T. 0.21 min
 Lab File: BF091489.D
 Acq: 8 Dec 2016 00:26

Tgt Ion:165 Resp: 40892
 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

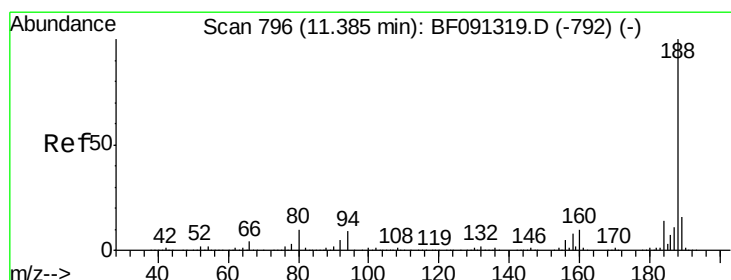
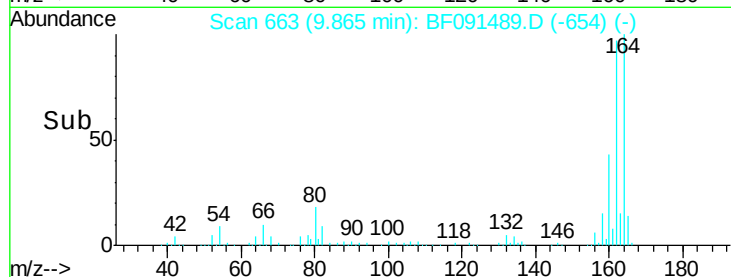
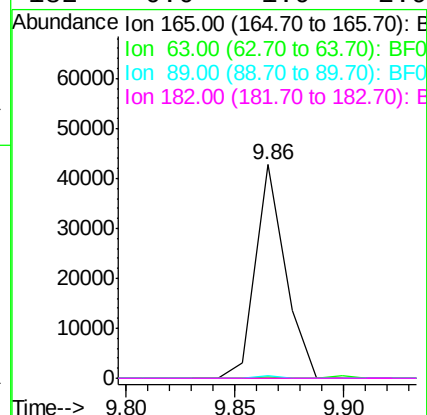
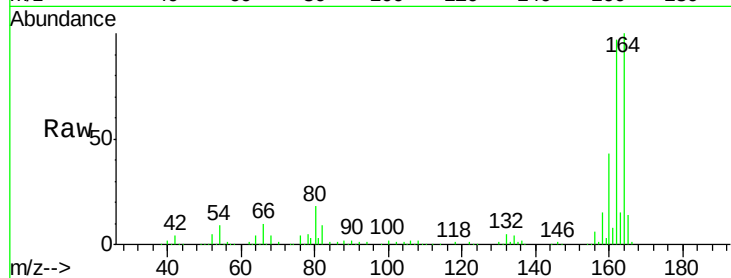




#56
 2,4-Dinitrotoluene
 Concen: 7.60 ng
 RT: 9.86 min Scan# 663
 Delta R.T. -0.19 min
 Lab File: BF091489.D
 Acq: 8 Dec 2016 00:26

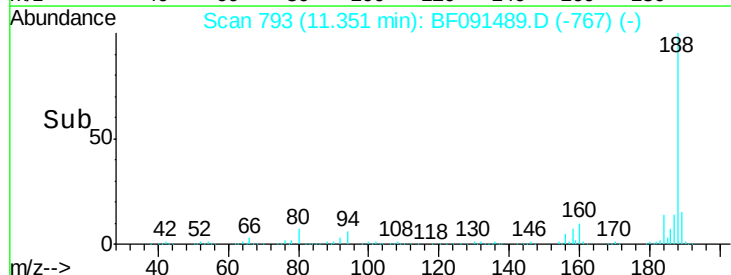
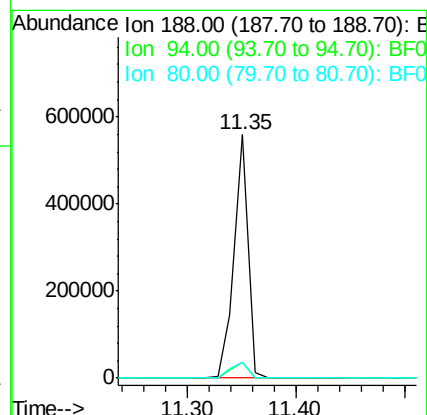
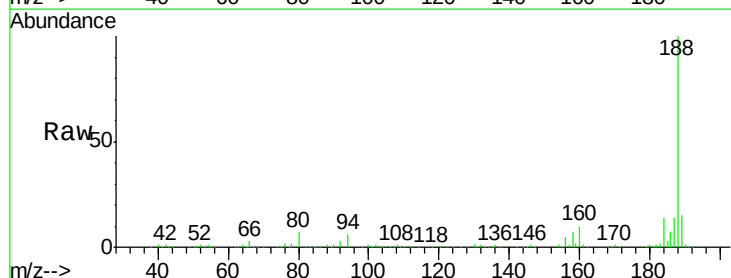
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 TP19-COMP5

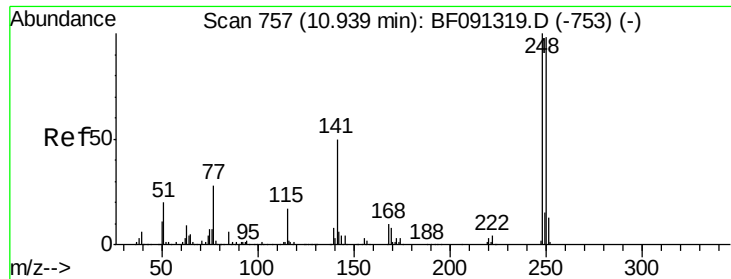
Tgt Ion:	165	Resp:	40893
Ion Ratio	Lower	Upper	
165	100		
63	0.9	29.0	43.4#
89	1.1	43.1	64.7#
182	0.0	1.9	2.9#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.35 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: BF091489.D
 Acq: 8 Dec 2016 00:26

Tgt Ion:	188	Resp:	498723
Ion Ratio	Lower	Upper	
188	100		
94	6.2	9.2	13.8#
80	6.6	10.5	15.7#

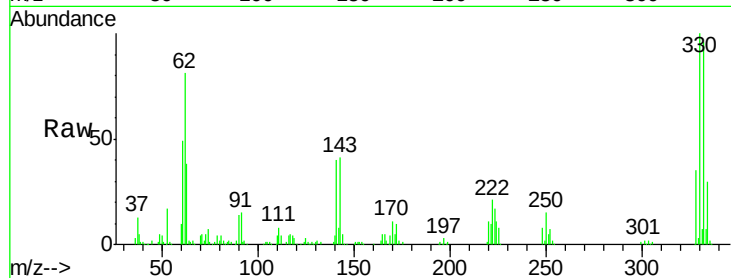




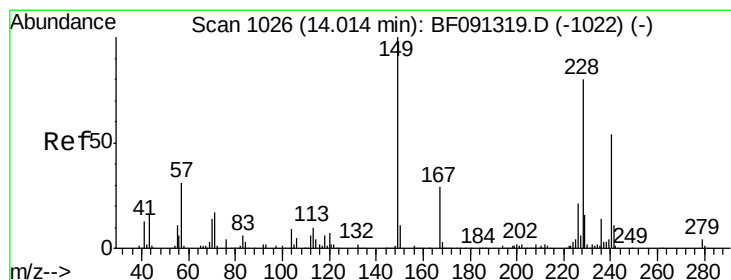
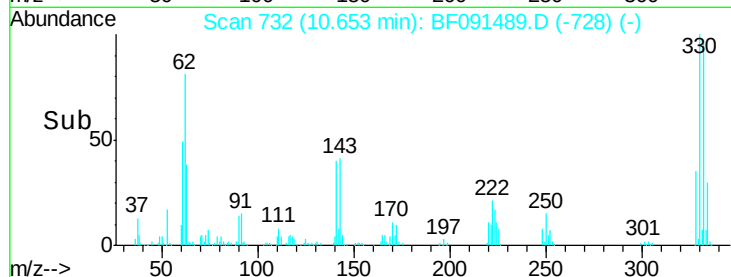
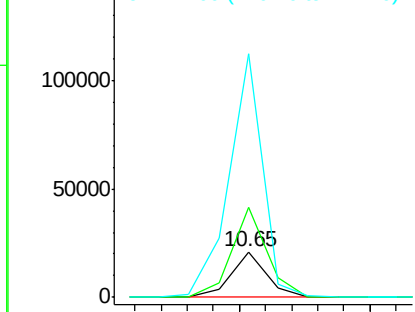
#66
 4-Bromophenyl-phenylether
 Concen: 3.72 ng
 RT: 10.65 min Scan# 732
 Delta R.T. -0.25 min
 Lab File: BF091489.D
 Acq: 8 Dec 2016 00:26

Instrument :
 BNA_F
 ClientSampleId :
 TP19-COMP5

Tgt Ion:248 Resp: 19950
 Ion Ratio Lower Upper
 248 100
 250 198.0 78.2 117.4#
 141 536.6 71.9 107.9#

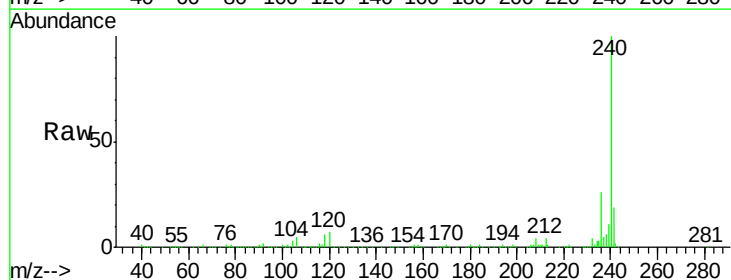


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

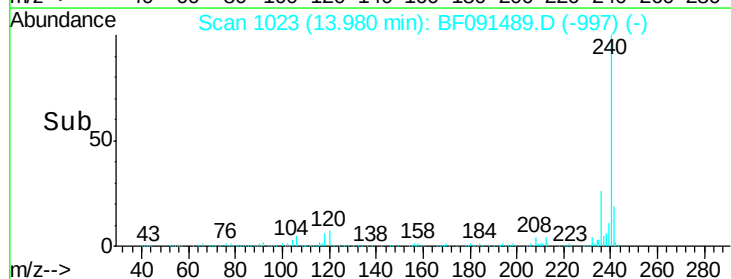
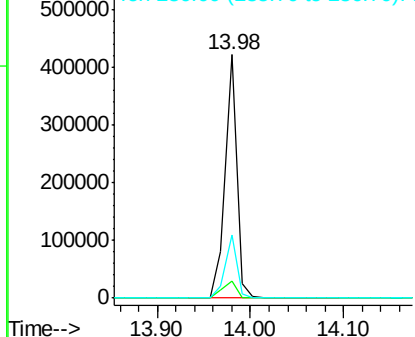


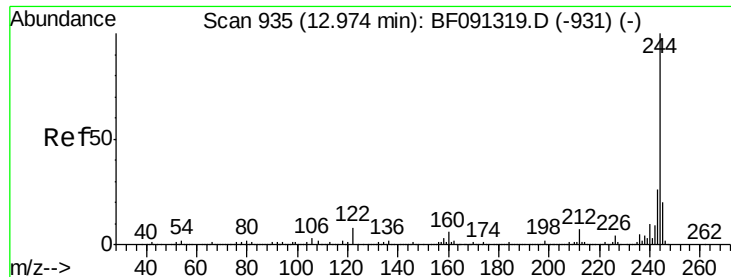
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.98 min Scan# 1023
 Delta R.T. 0.00 min
 Lab File: BF091489.D
 Acq: 8 Dec 2016 00:26

Tgt Ion:240 Resp: 367272
 Ion Ratio Lower Upper
 240 100
 120 6.8 12.1 18.1#
 236 25.9 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: 77.18 ng

RT: 12.94 min Scan# 932

Delta R.T. 0.00 min

Lab File: BF091489.D

Acq: 8 Dec 2016 00:26

Instrument :

BNA_F

ClientSampleId :

TP19-COMP5

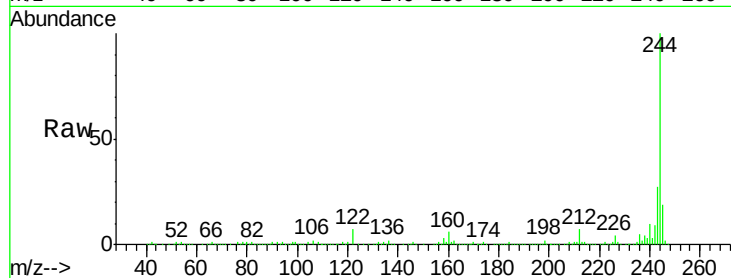
Tgt Ion:244 Resp: 1304171

Ion Ratio Lower Upper

244 100

212 6.8 6.5 9.7

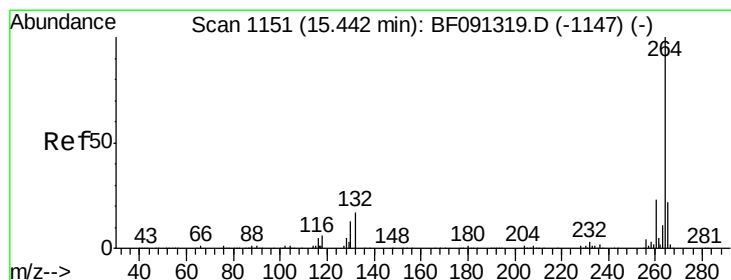
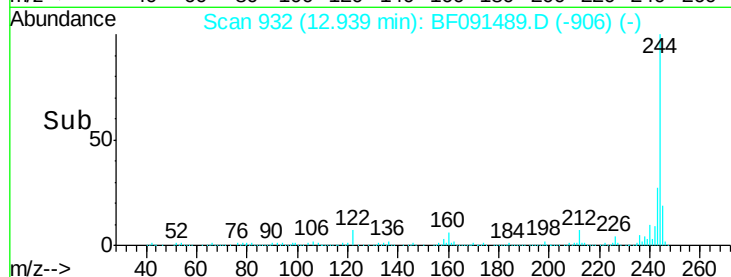
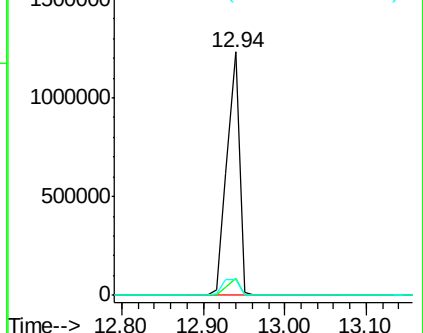
122 6.6 9.5 14.3#



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: BF091489.D

Acq: 8 Dec 2016 00:26

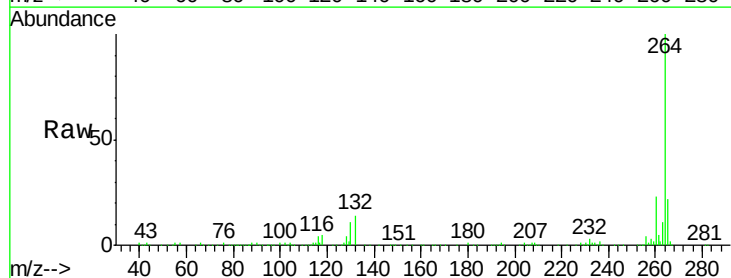
Tgt Ion:264 Resp: 297244

Ion Ratio Lower Upper

264 100

260 22.7 18.8 28.2

265 21.6 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

