

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 01:26:45 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

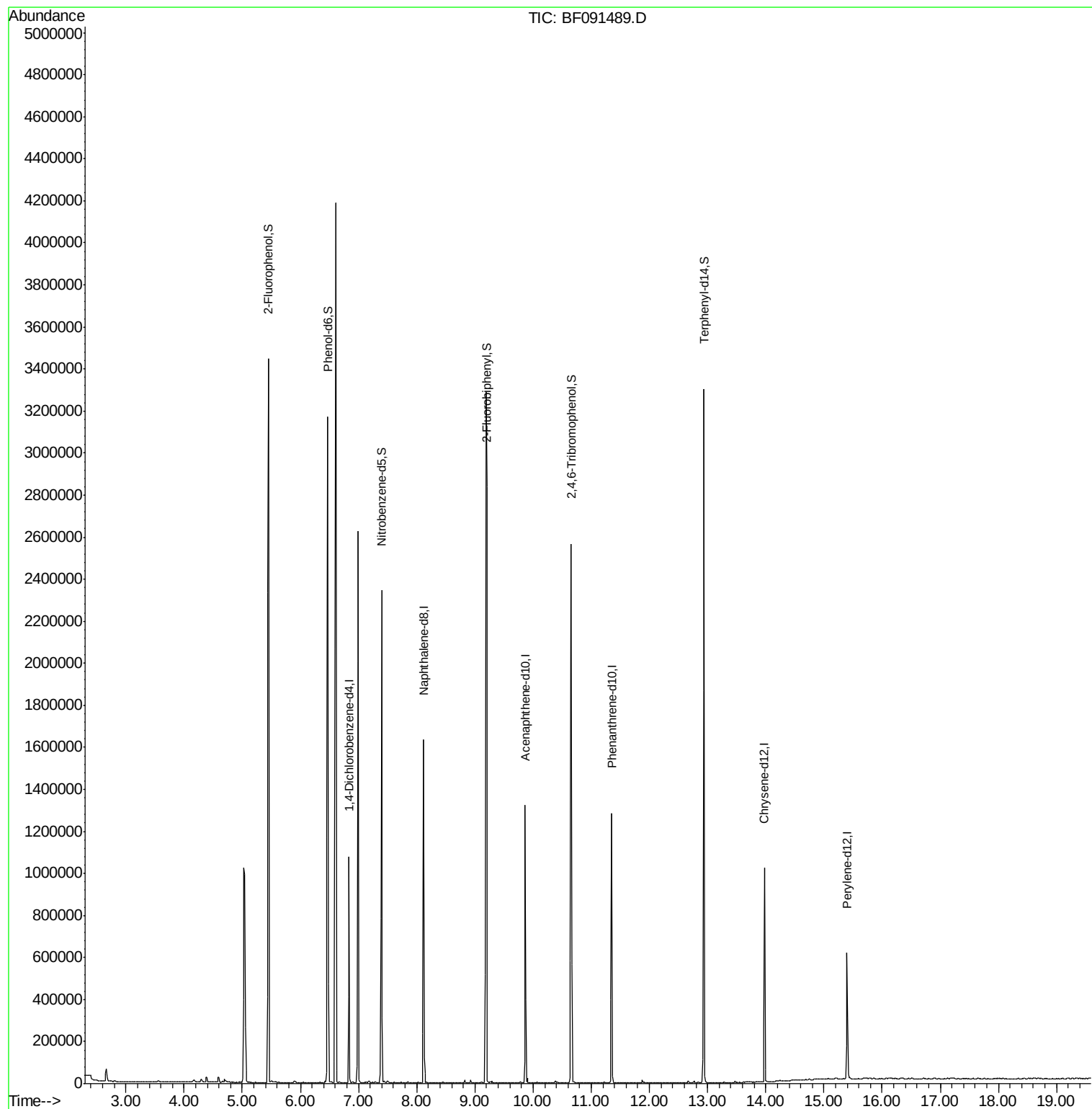
Target Compounds Qvalue

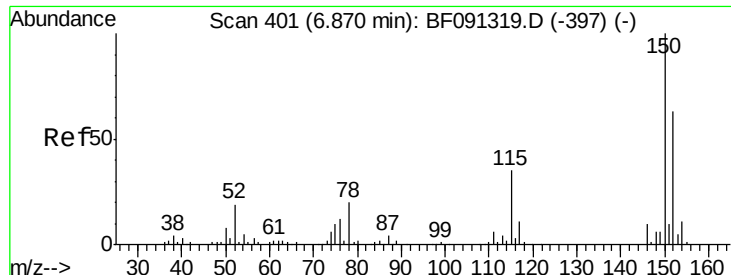
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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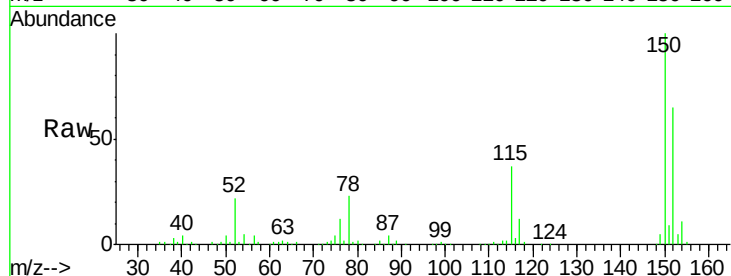


#1

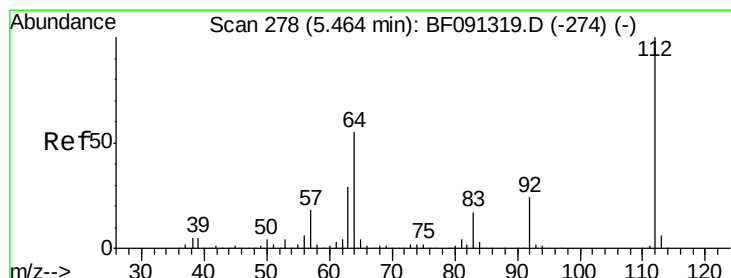
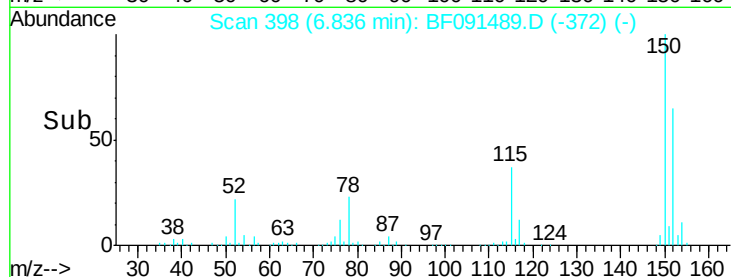
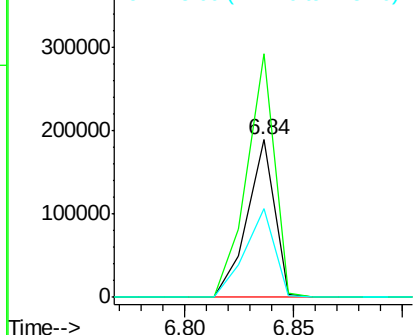
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 398
Delta R.T. 0.00 min
Lab File: BF091489.D
Acq: 8 Dec 2016 00:26

Instrument :
BNA_F
ClientSampleId :
TP19-COMP5

Tot Ion:152 Resp: 165706
Ion Ratio Lower Upper
152 100
150 154.8 122.5 183.7
115 56.8 51.8 77.8



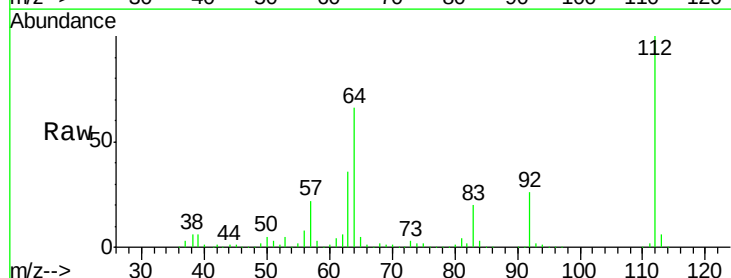
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



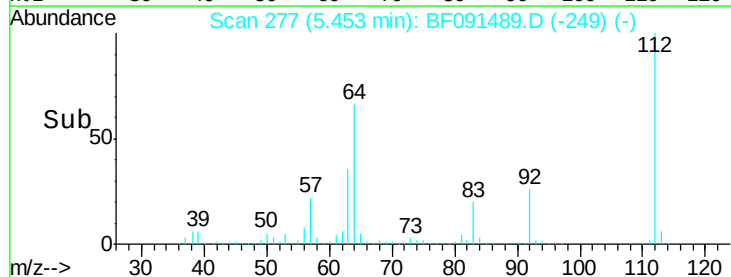
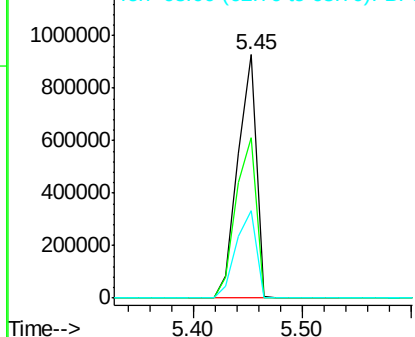
#5

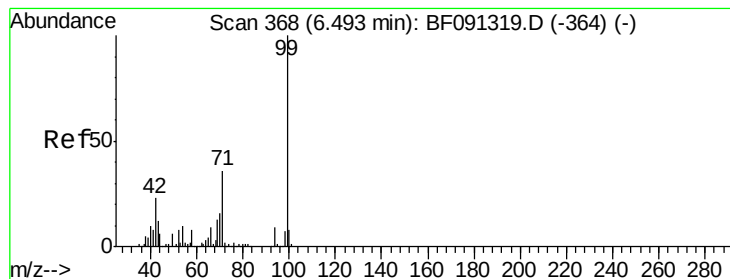
2-Fluorophenol
Concen: 106.46 ng
RT: 5.45 min Scan# 277
Delta R.T. 0.02 min
Lab File: BF091489.D
Acq: 8 Dec 2016 00:26

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

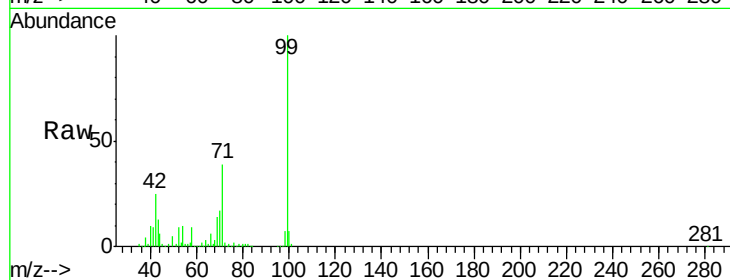
Tot Ion: 99 Resp: 1058388

Ion Ratio Lower Upper

99 100

42 24.7 20.6 31.0

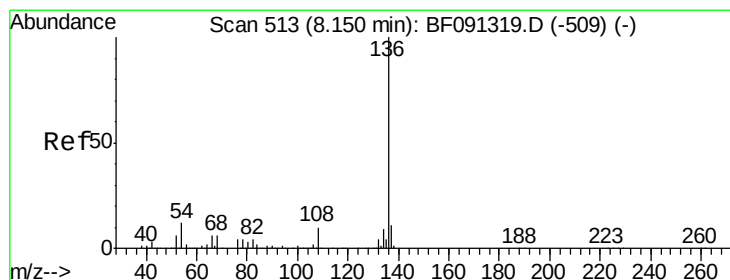
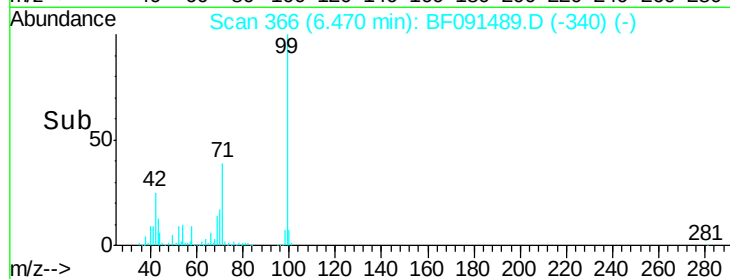
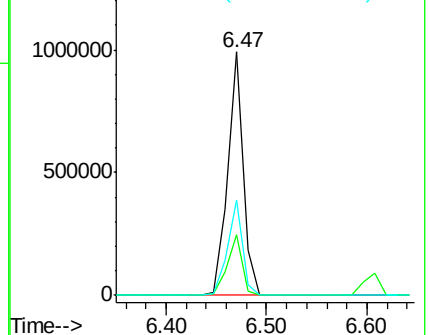
71 38.8 29.9 44.9



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



#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

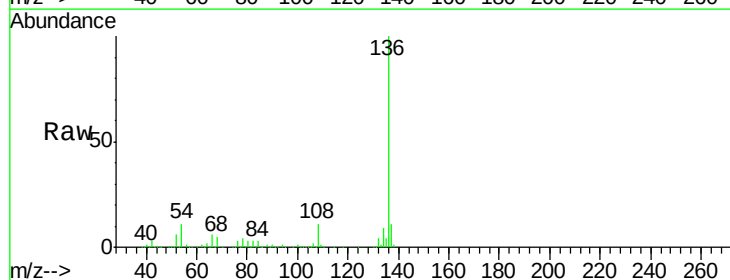
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 11.0 9.1 13.7

68 4.9 5.9 8.9#

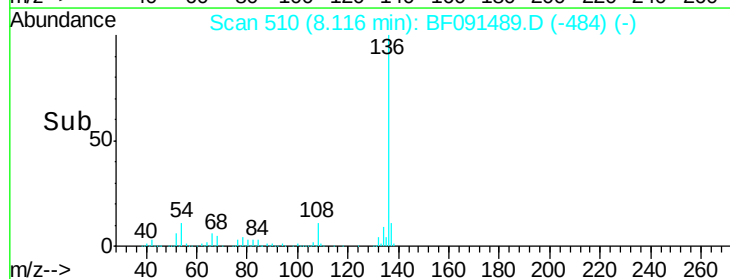
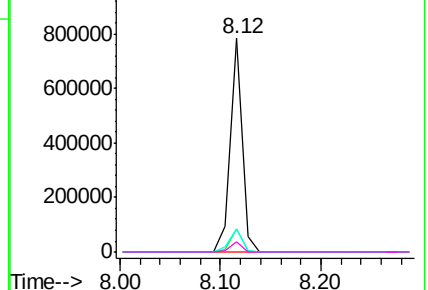


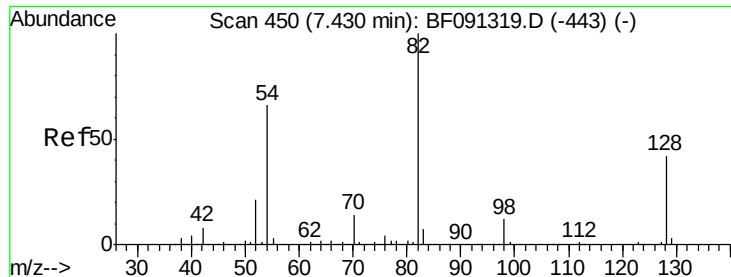
Abundance Ion 136.00 (135.70 to 136.70): E

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

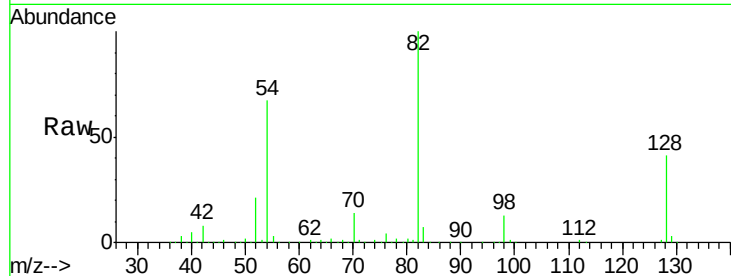




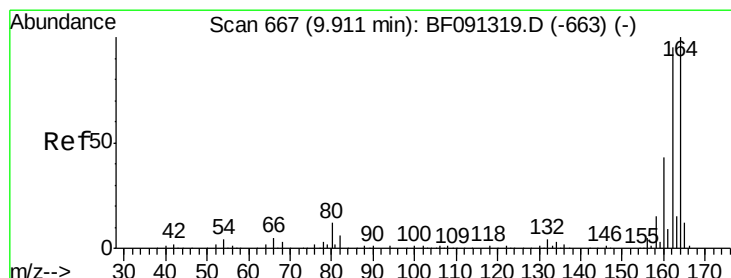
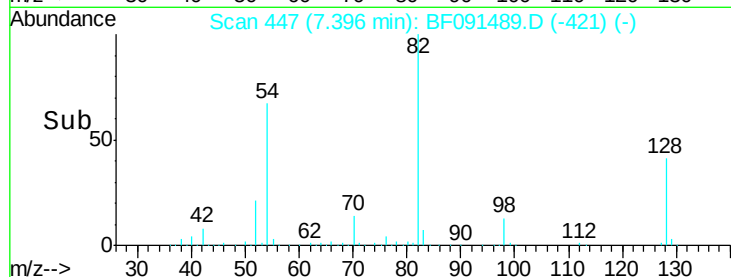
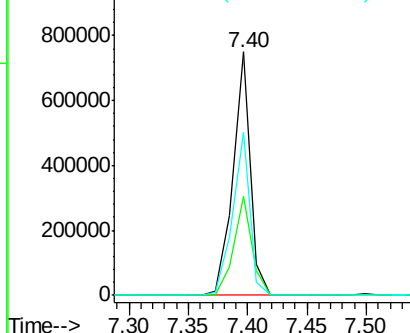
#23
 Nitrobenzene-d5
 Concen: 65.97 ng
 RT: 7.40 min Scan# 447
 Delta R.T. 0.00 min
 Lab File: BF091489.D
 Acq: 8 Dec 2016 00:26

Instrument :
 BNA_F
 ClientSampleId :
 TP19-COMP5

Tot Ion: 82 Resp: 760431
 Ion Ratio Lower Upper
 82 100
 128 40.7 31.8 47.6
 54 66.9 49.1 73.7

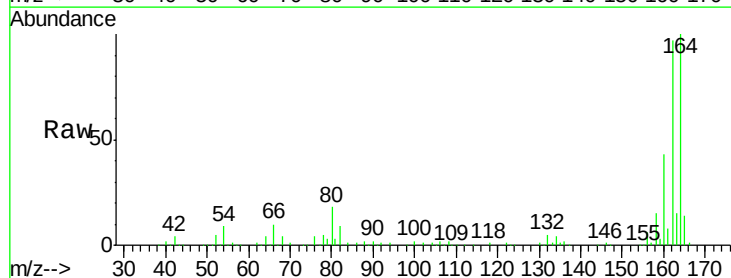


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

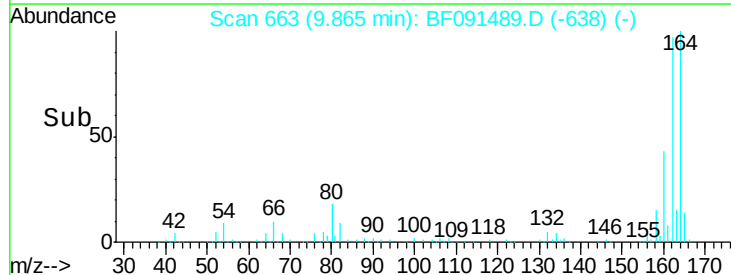
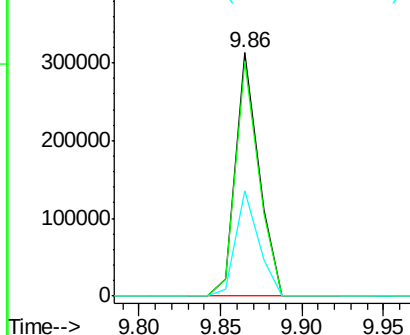


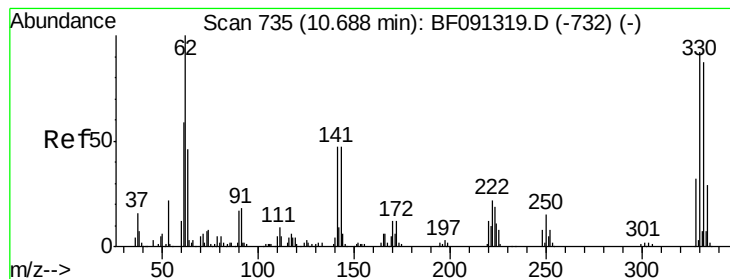
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 663
 Delta R.T. -0.01 min
 Lab File: BF091489.D
 Acq: 8 Dec 2016 00:26

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

Instrument :

BNA_F

ClientSampleId :

TP19-COMP5

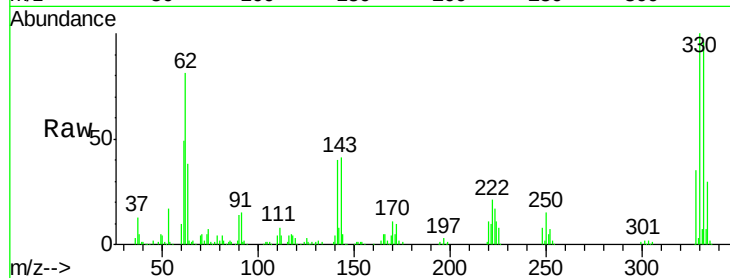
Tot Ion:330 Resp: 329236

Ion Ratio Lower Upper

330 100

332 95.9 76.2 114.4

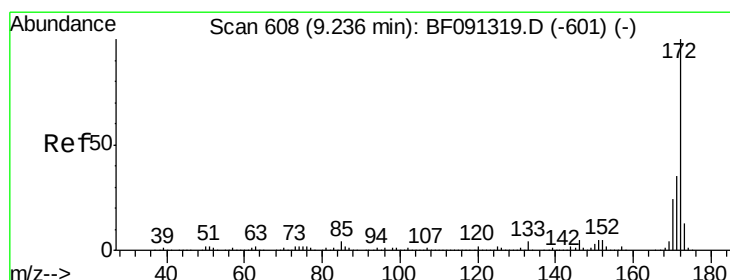
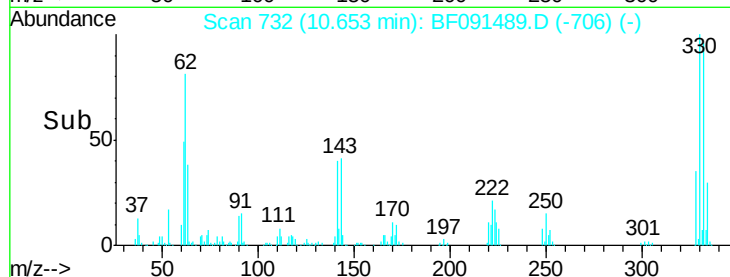
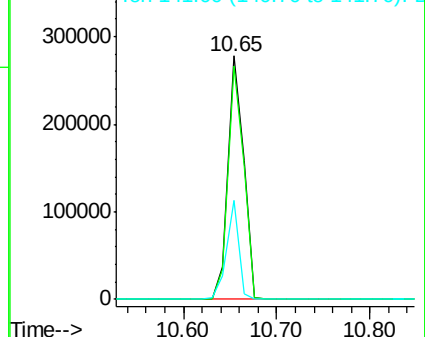
141 30.9 33.6 50.4#



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

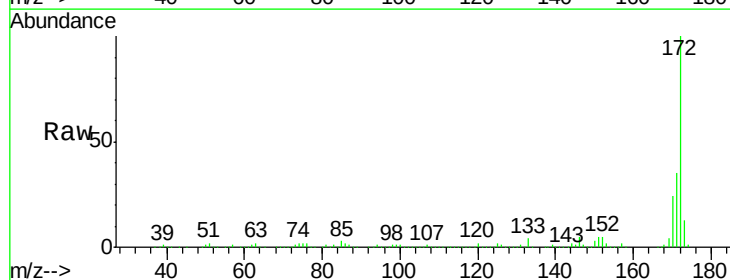
Tgt Ion:172 Resp: 1613491

Ion Ratio Lower Upper

172 100

171 35.5 29.4 44.0

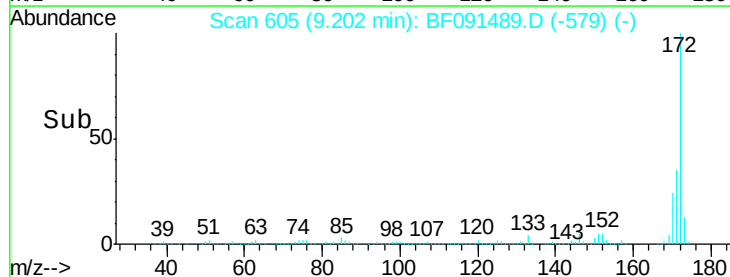
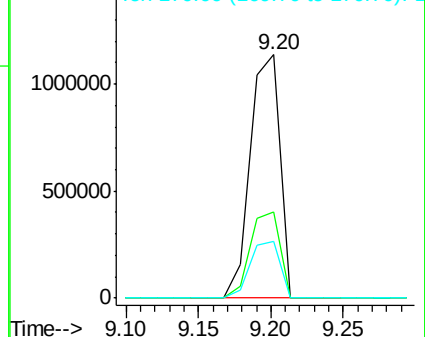
170 23.5 19.7 29.5

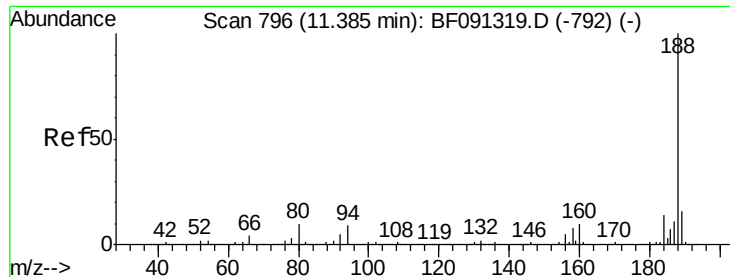


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

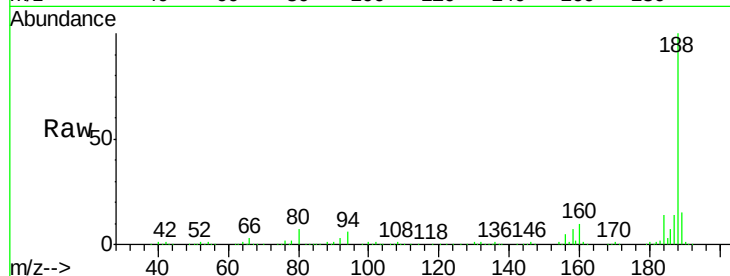




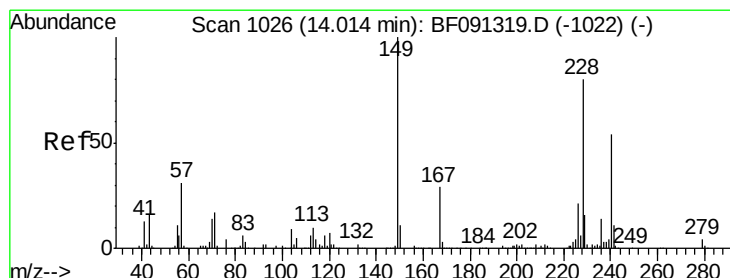
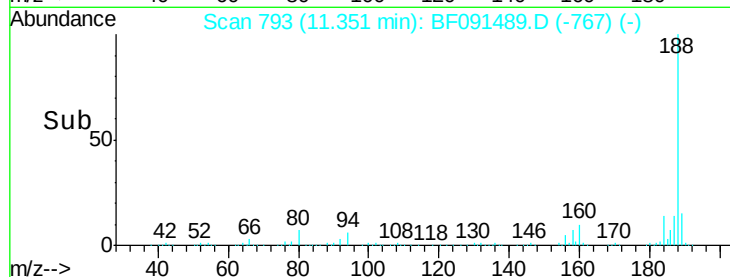
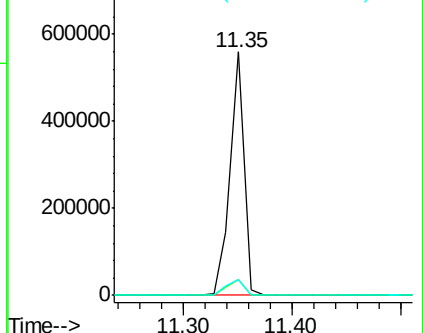
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF091489.D
Acq: 8 Dec 2016 00:26

Instrument :
BNA_F
ClientSampleId :
TP19-COMP5

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

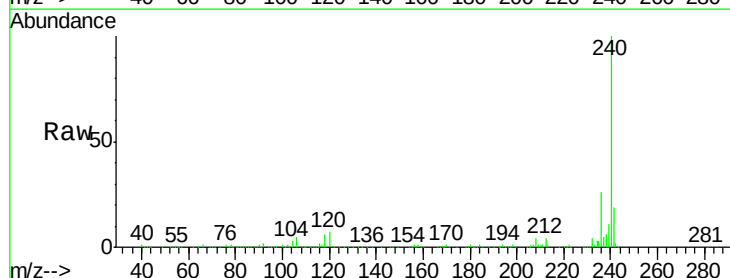


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

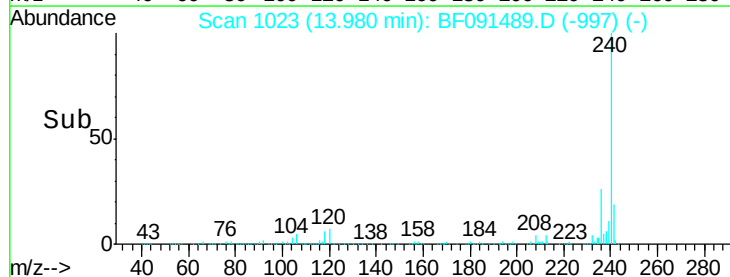
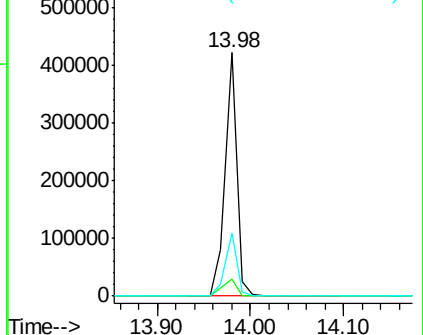


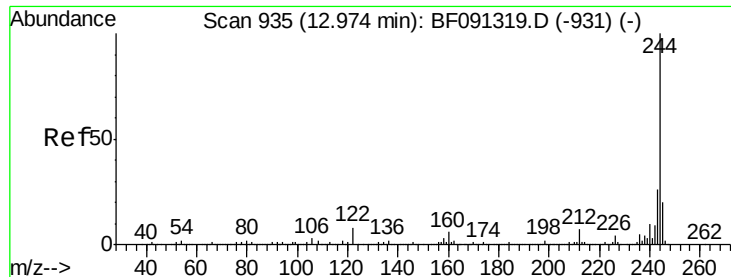
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.98 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF091489.D
Acq: 8 Dec 2016 00:26

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

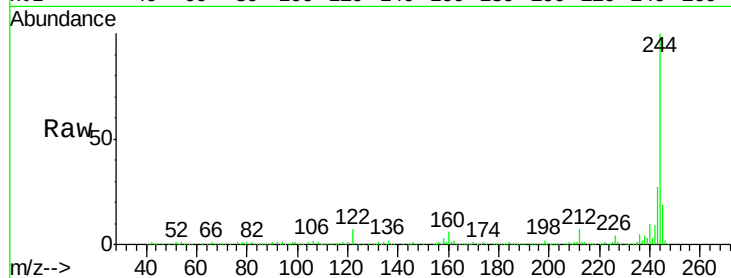
Tot Ion:244 Resp: 1304171

Ion Ratio Lower Upper

244 100

212 6.8 6.5 9.7

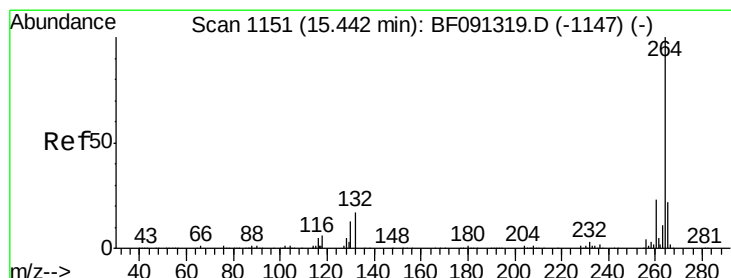
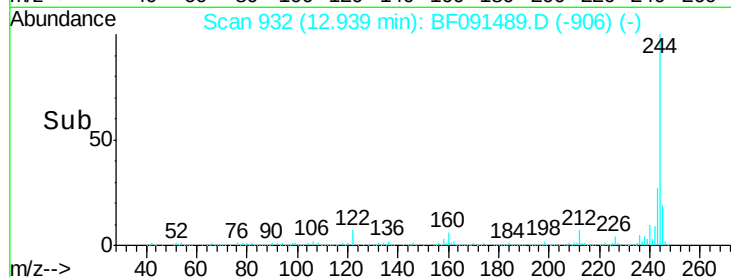
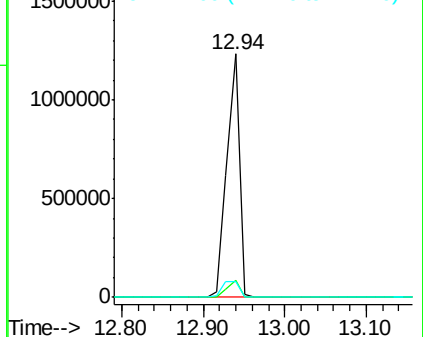
122 6.6 9.5 14.3#



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

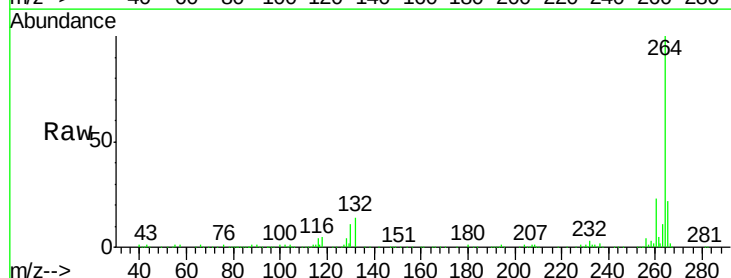
Tgt Ion:264 Resp: 297244

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

