

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 01:25:41 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

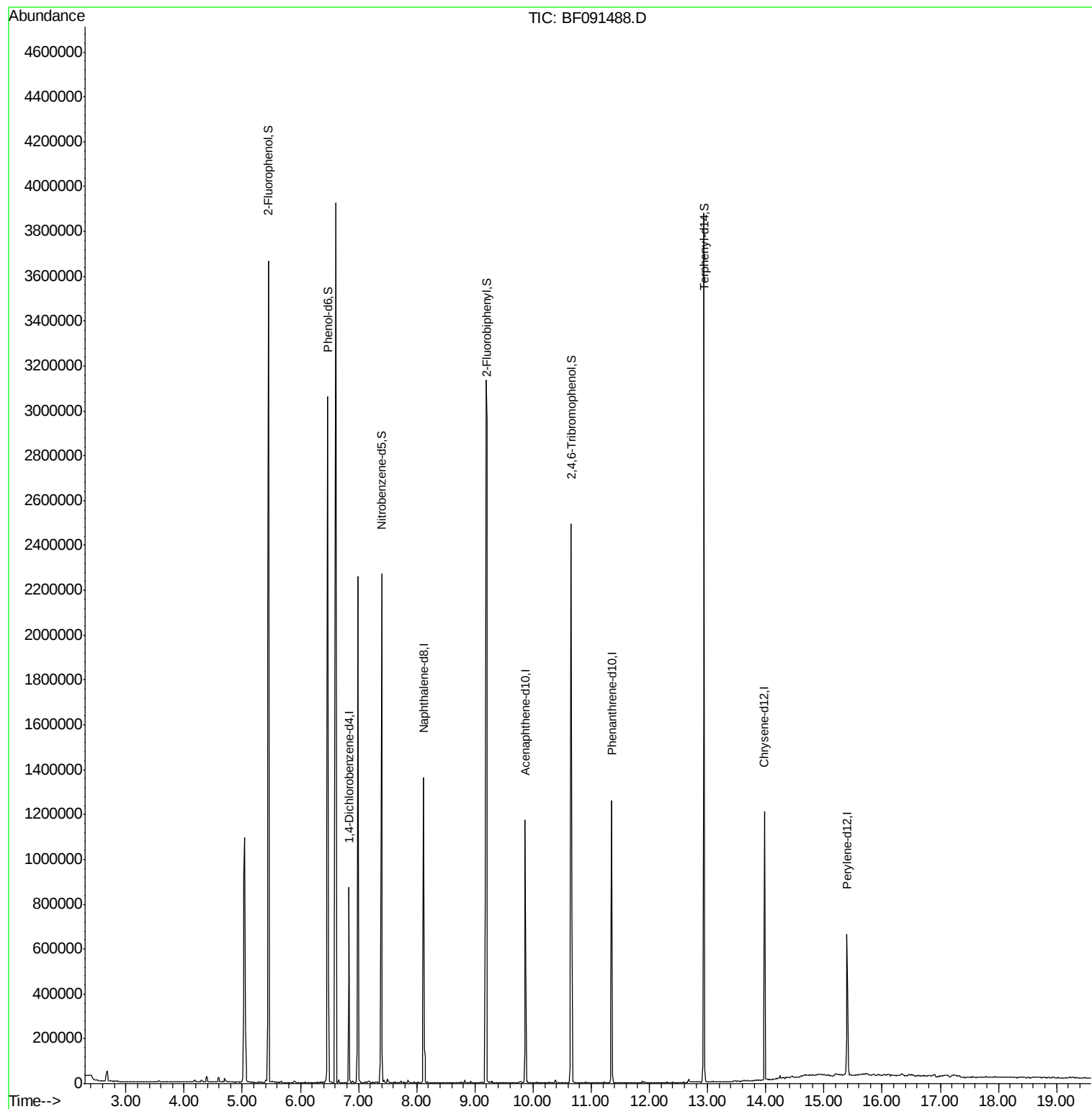
Target Compounds Qvalue

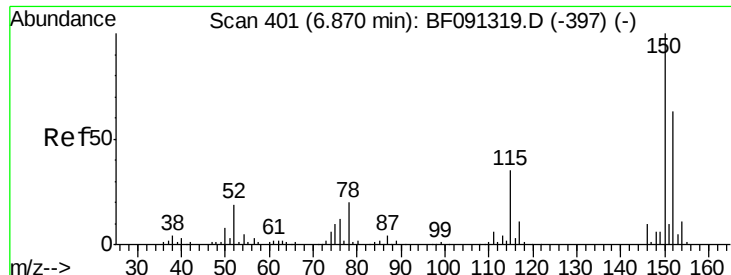
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF091488.D

Acq: 7 Dec 2016 23:58

Instrument :

BNA_F

ClientSampleId :

TP-17-18-COMP4

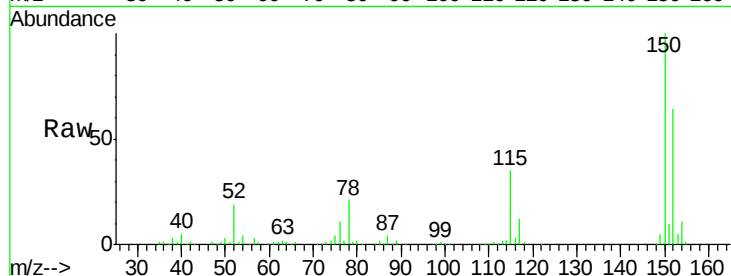
Tot Ion:152 Resp: 149916

Ion Ratio Lower Upper

152 100

150 155.3 122.5 183.7

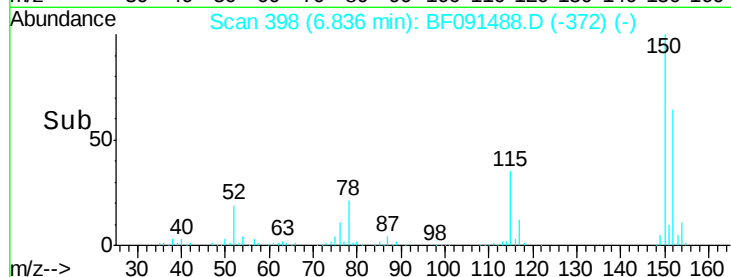
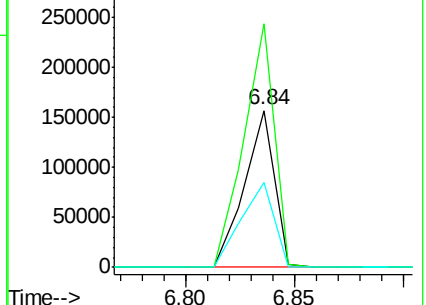
115 54.4 51.8 77.8



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: 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

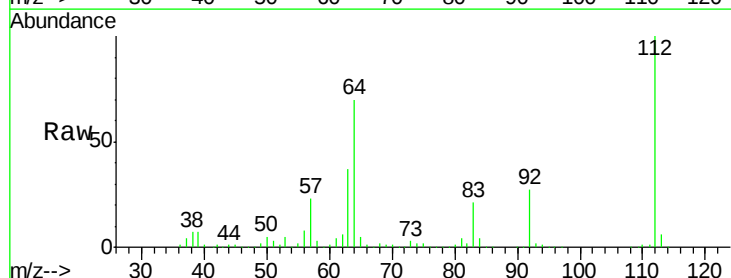
Tgt Ion:112 Resp: 1026466

Ion Ratio Lower Upper

112 100

64 69.7 61.5 92.3

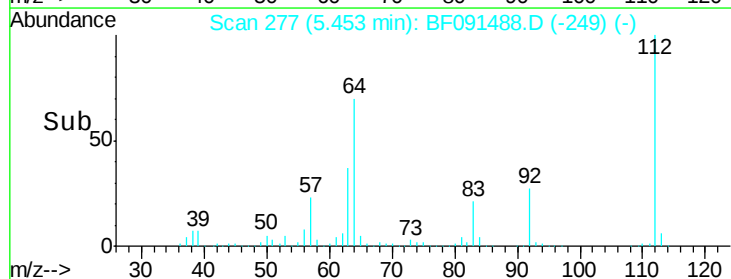
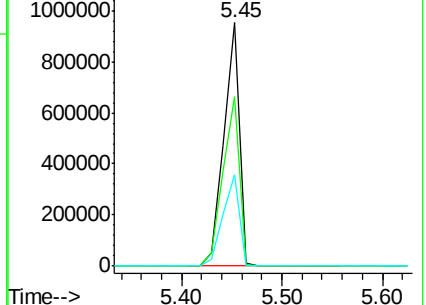
63 37.3 33.3 49.9

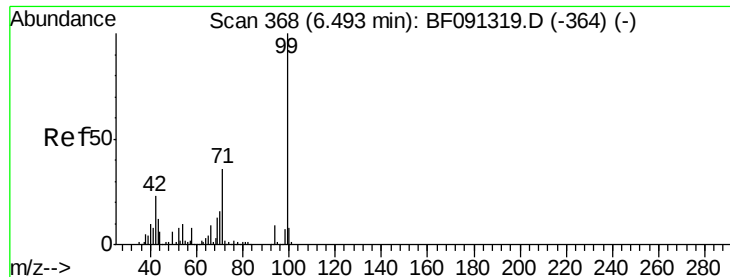


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 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

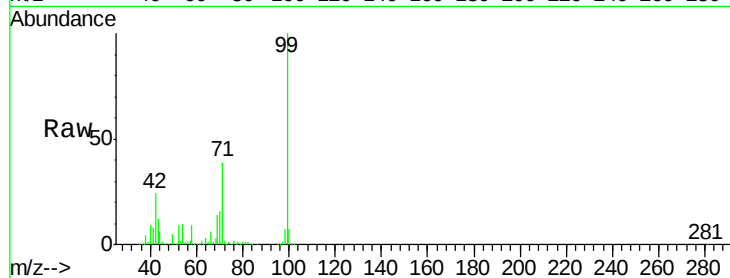
Tot Ion: 99 Resp: 1027293

Ion Ratio Lower Upper

99 100

42 24.3 20.6 31.0

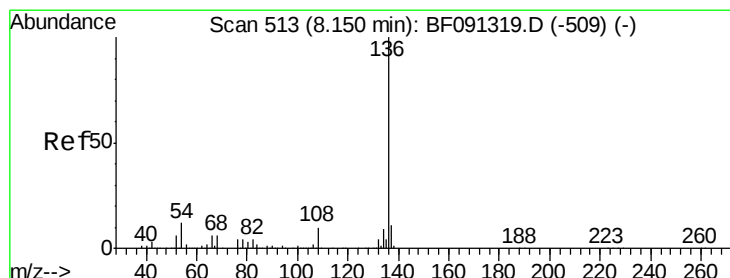
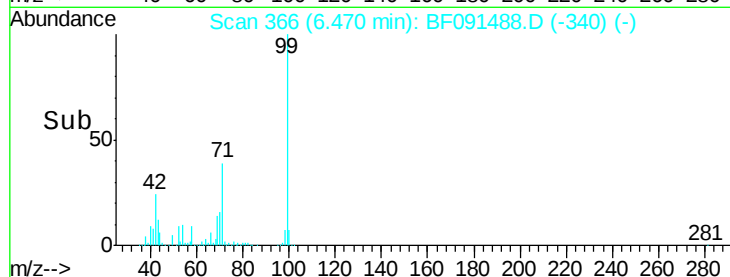
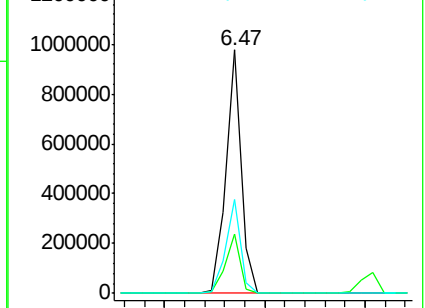
71 38.6 29.9 44.9



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: BF091488.D

Acq: 7 Dec 2016 23:58

Tgt Ion: 136 Resp: 586557

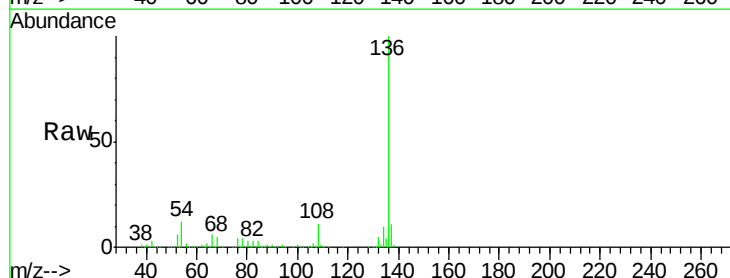
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 11.5 9.1 13.7

68 5.1 5.9 8.9#

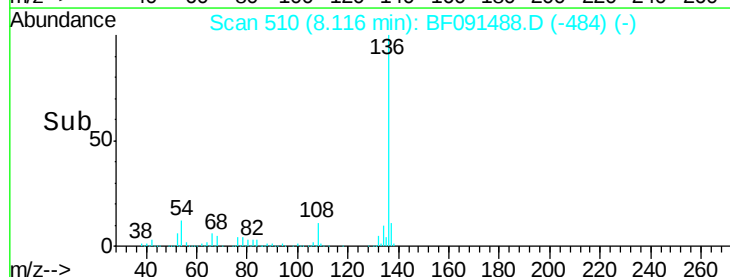
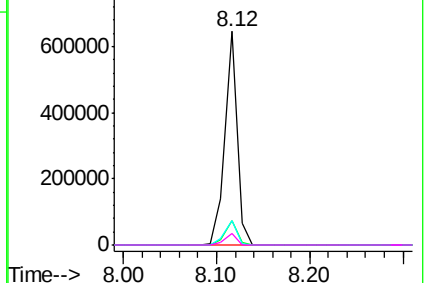


Abundance Ion 136.00 (135.70 to 136.70): E

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

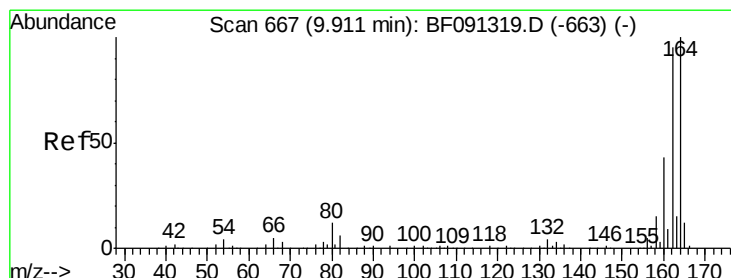
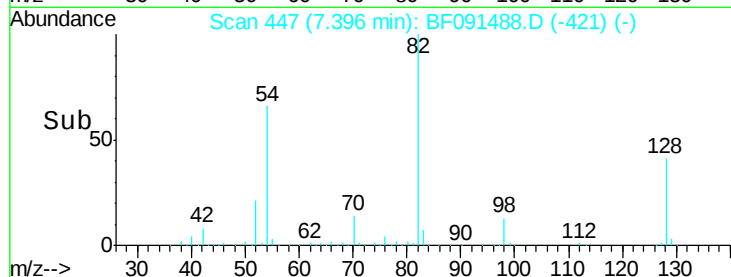
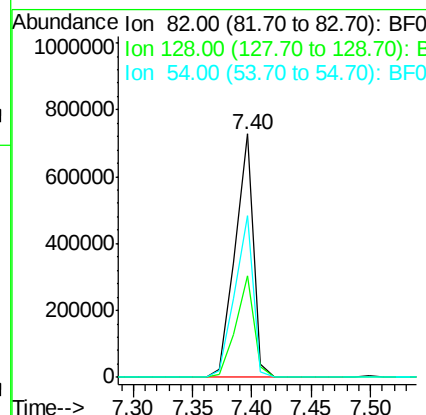
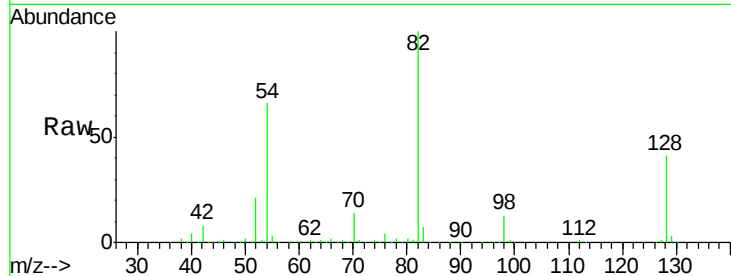




#23
 Nitrobenzene-d5
 Concen: 74.64 ng
 RT: 7.40 min Scan# 447
 Delta R.T. -0.00 min
 Lab File: BF091488.D
 Acq: 7 Dec 2016 23:58

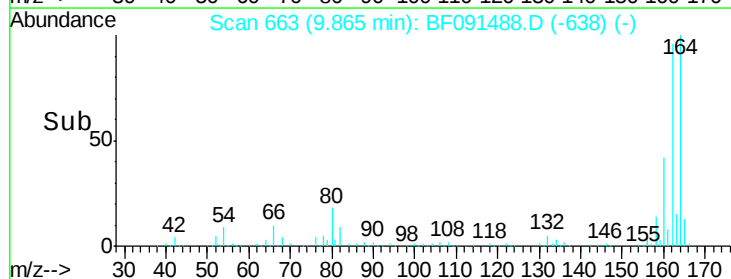
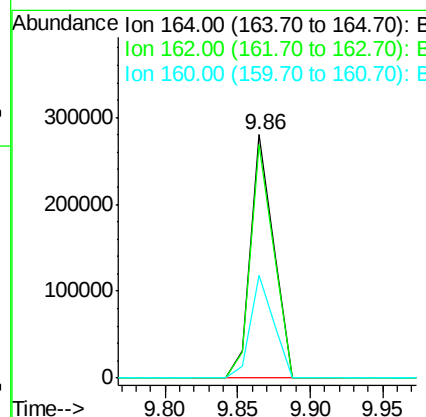
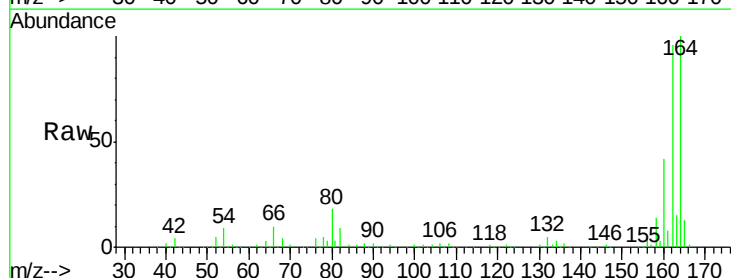
Instrument :
 BNA_F
 ClientSampleId :
 TP-17-18-COMP4

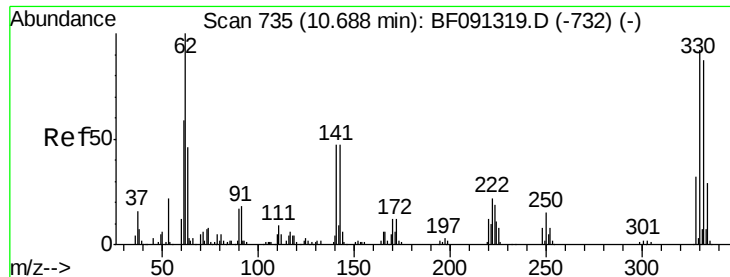
Tot Ion	82	Resp	781208
Ion	Ratio	Lower	Upper
82	100		
128	41.5	31.8	47.6
54	66.3	49.1	73.7



#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

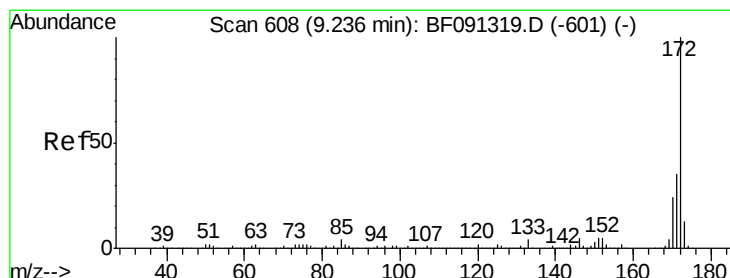
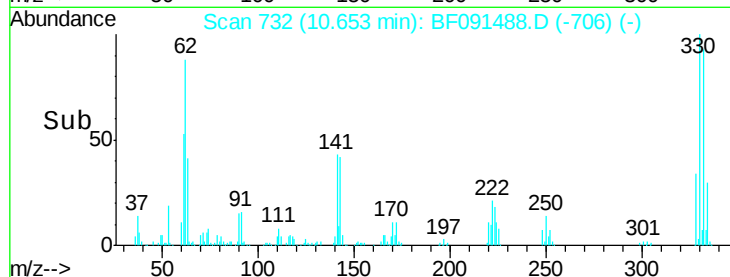
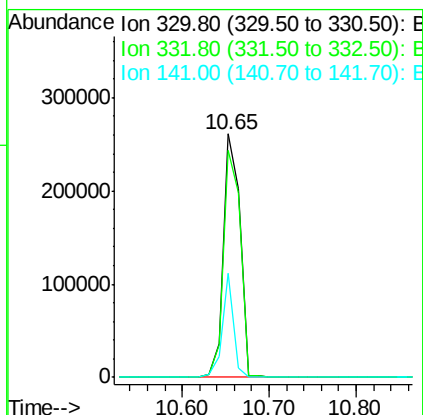
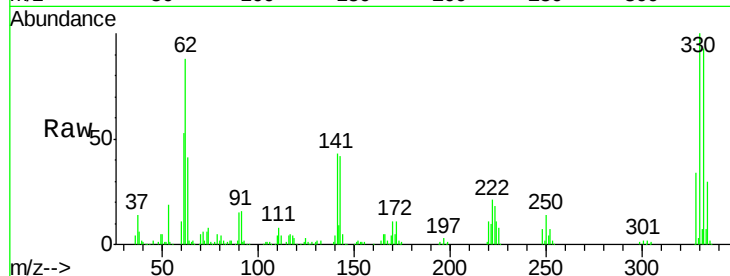




#41
 2,4,6-Tribromophenol
 Concen: 119.65 ng
 RT: 10.65 min Scan# 732
 Delta R.T. -0.00 min
 Lab File: BF091488.D
 Acq: 7 Dec 2016 23:58

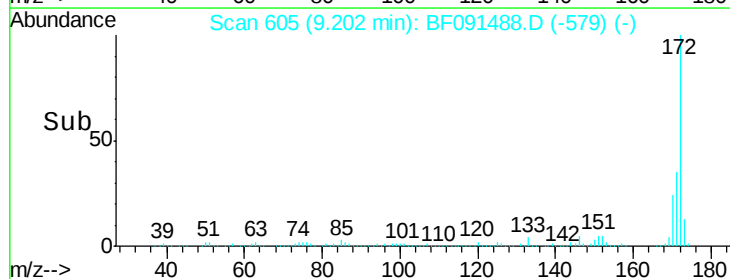
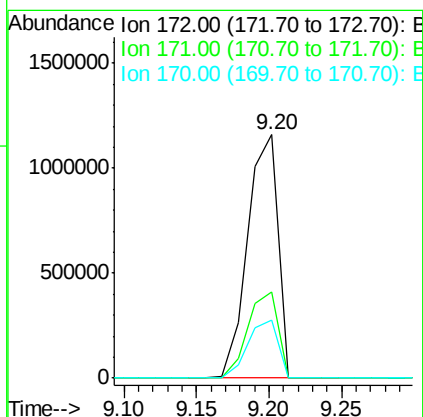
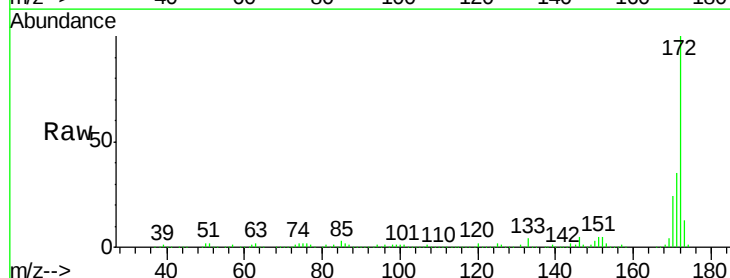
Instrument :
 BNA_F
 ClientSampleId :
 TP-17-18-COMP4

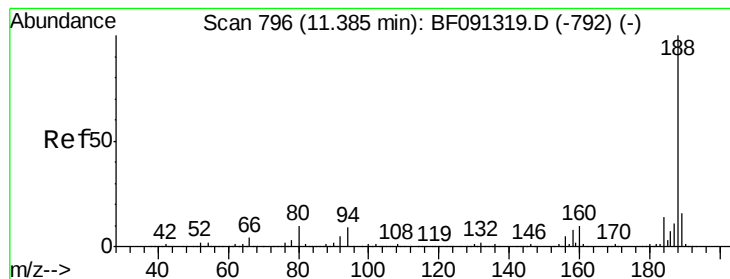
Tot Ion:330 Resp: 349627
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.2 114.4
 141 28.9 33.6 50.4#



#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





#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

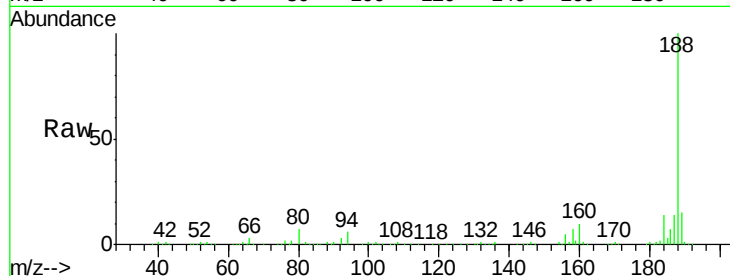
Tot Ion:188 Resp: 484997

Ion Ratio Lower Upper

188 100

94 6.1 9.2 13.8#

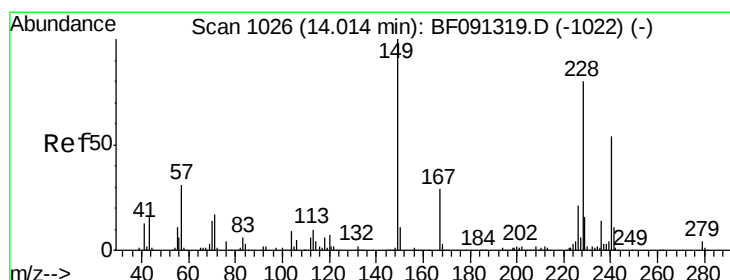
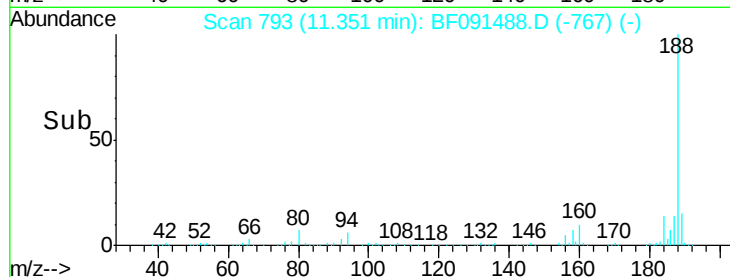
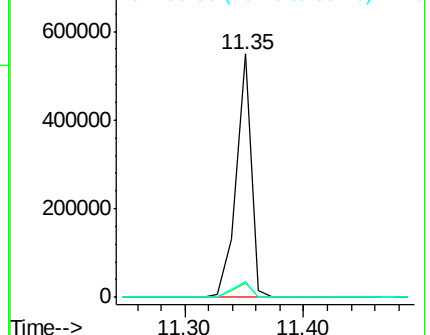
80 6.6 10.5 15.7#



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



#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

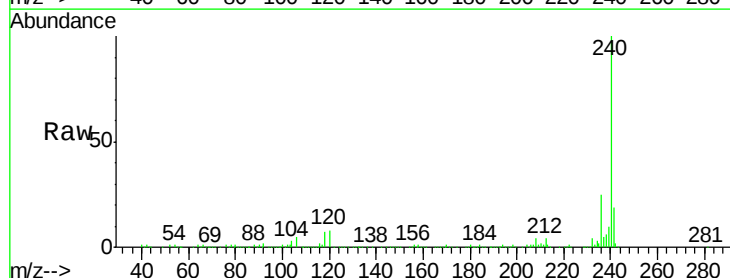
Tgt Ion:240 Resp: 415277

Ion Ratio Lower Upper

240 100

120 7.9 12.1 18.1#

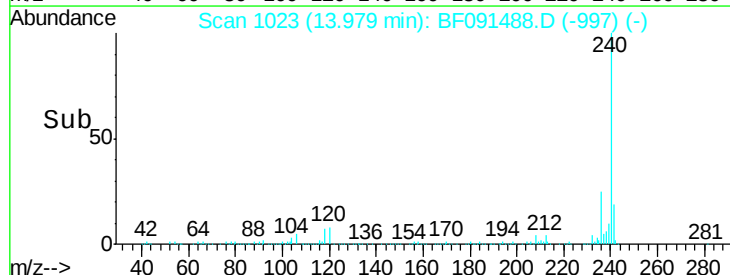
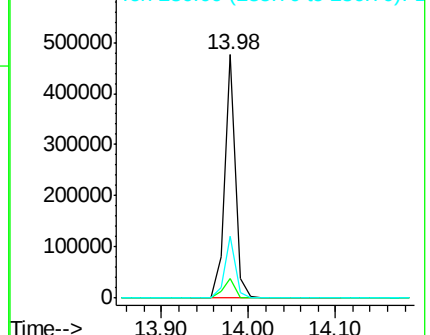
236 25.4 21.0 31.6



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

Instrument :

BNA_F

ClientSampleId :

TP-17-18-COMP4

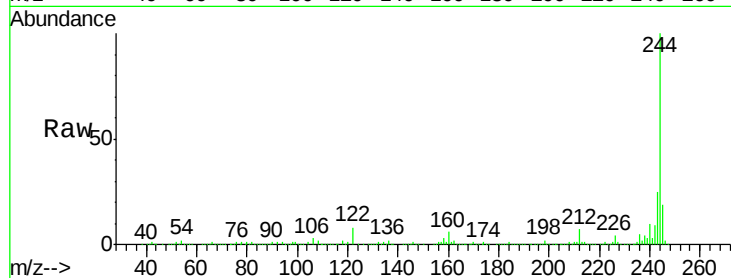
Tot Ion:244 Resp: 1369786

Ion Ratio Lower Upper

244 100

212 6.9 6.5 9.7

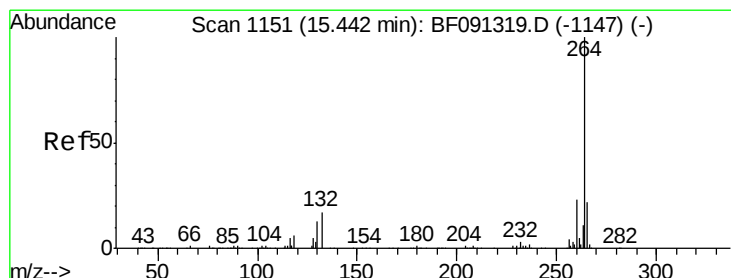
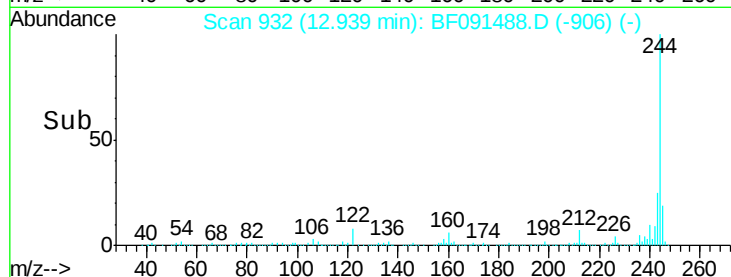
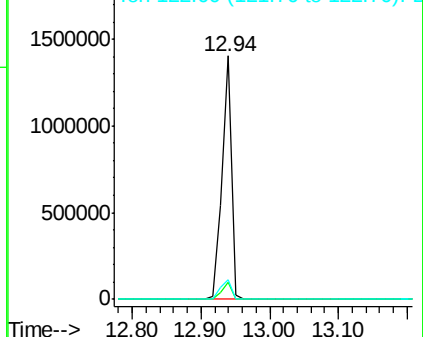
122 7.8 9.5 14.3#



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

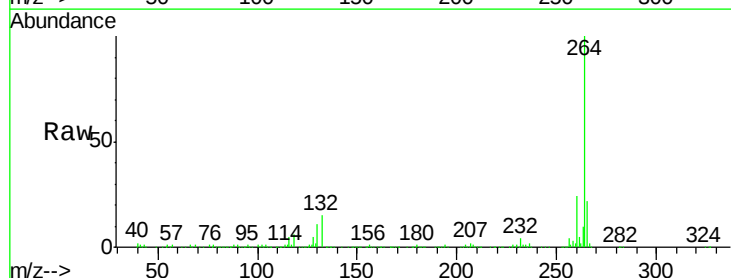
Tgt Ion:264 Resp: 328194

Ion Ratio Lower Upper

264 100

260 23.8 18.8 28.2

265 22.2 17.0 25.6



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

