

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100517\
 Data File : BF099135.D
 Acq On : 6 Oct 2017 8:11
 Operator : SJ/JU
 Sample : I5644-16
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-14-COMP

Quant Time: Oct 06 08:39:00 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	115554	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	479248	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	212692	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	348716	20.00	ng	0.00
75) Chrysene-d12	14.02	240	211637	20.00	ng	-0.01
86) Perylene-d12	15.50	264	203127	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	793855	109.36	ng	0.02
7) Phenol-d6	6.49	99	836196	93.38	ng	0.00
23) Nitrobenzene-d5	7.43	82	671614	89.87	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	215645	123.91	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1182199	92.79	ng	0.00
78) Terphenyl-d14	12.97	244	862509	92.68	ng	0.00

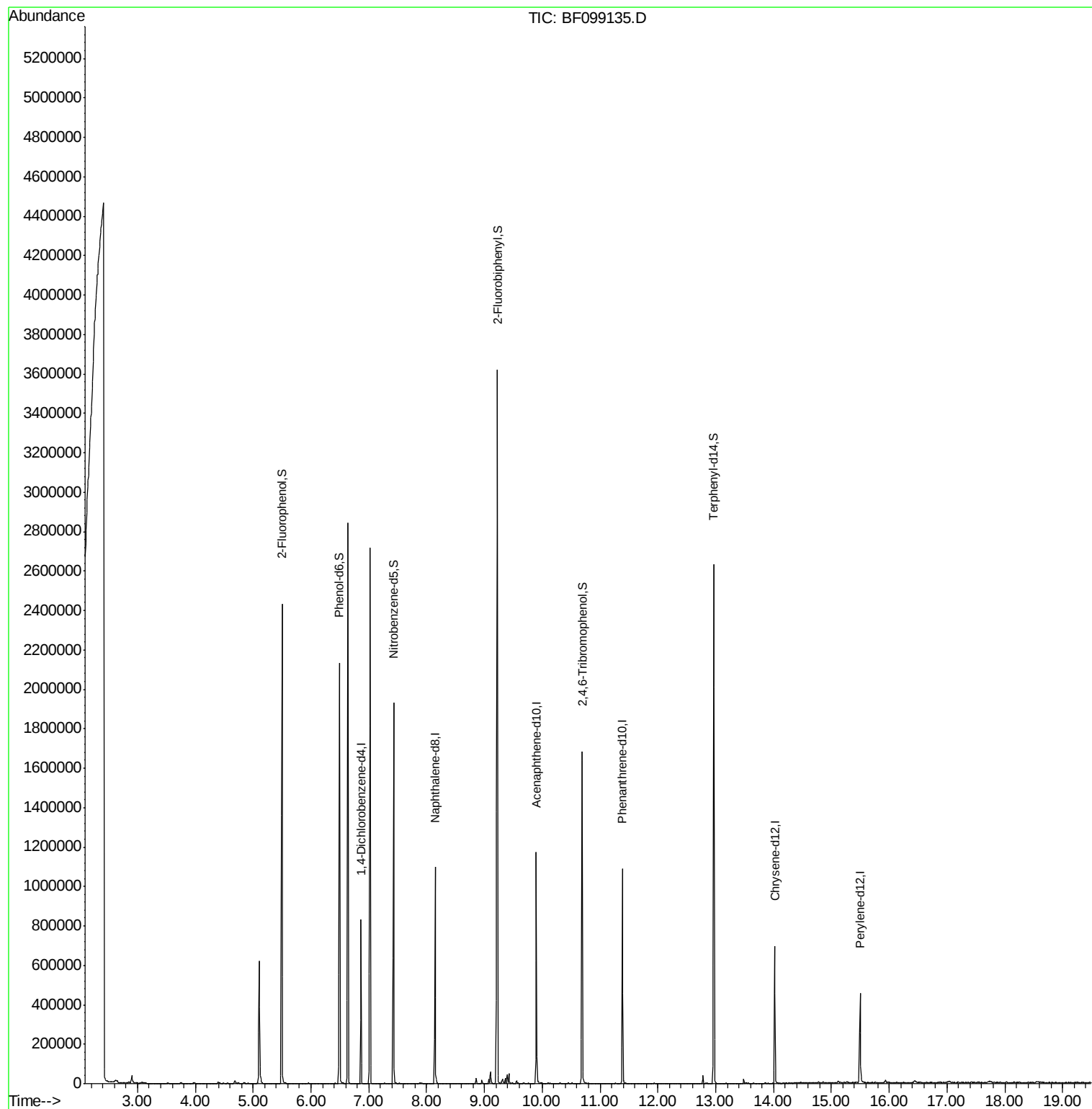
Target Compounds Qvalue

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

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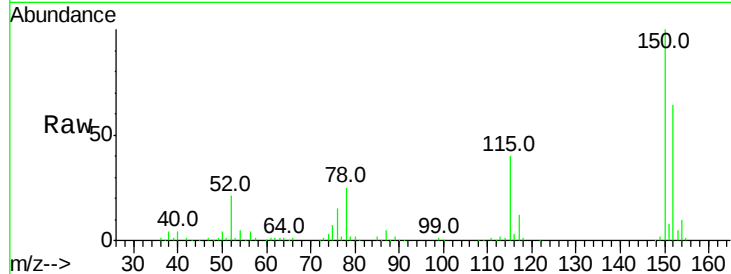


#1

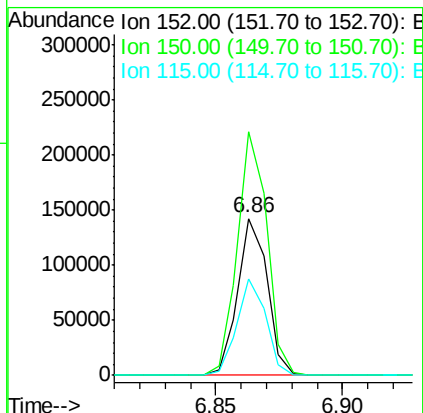
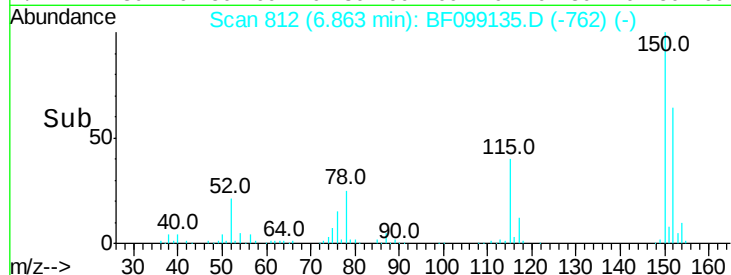
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF099135.D
 Acq: 6 Oct 2017 8:11

Instrument :
 BNA_F
 ClientSampleId :
 TP-14-COMP

Tot Ion:152 Resp: 115554
 Ion Ratio Lower Upper
 152 100
 150 155.1 124.6 186.8
 115 61.8 50.1 75.1



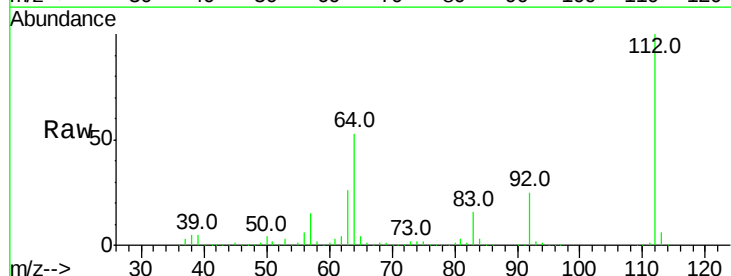
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



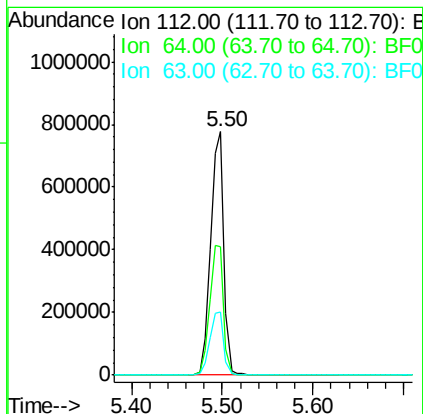
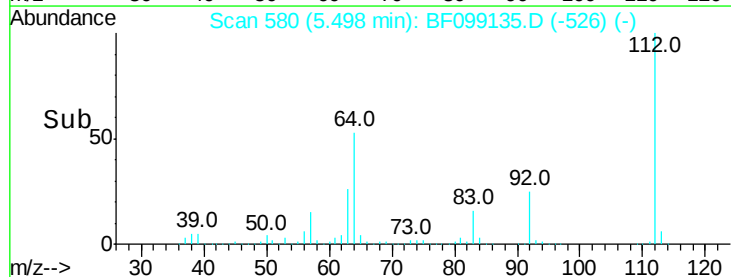
#5

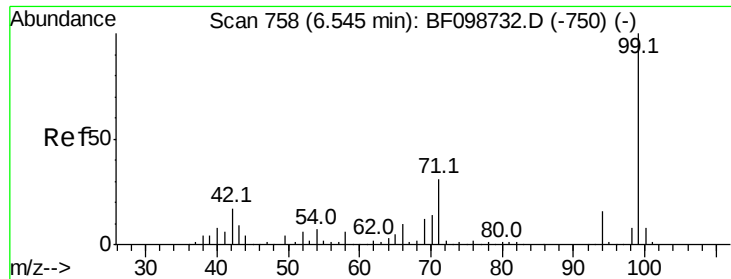
2-Fluorophenol
 Concen: 109.363 ng
 RT: 5.50 min Scan# 580
 Delta R.T. 0.02 min
 Lab File: BF099135.D
 Acq: 6 Oct 2017 8:11

Tgt Ion:112 Resp: 793855
 Ion Ratio Lower Upper
 112 100
 64 52.8 47.9 71.9
 63 26.0 23.7 35.5



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: 93.381 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF099135.D

Acq: 6 Oct 2017 8:11

Instrument :

BNA_F

ClientSampleId :

TP-14-COMP

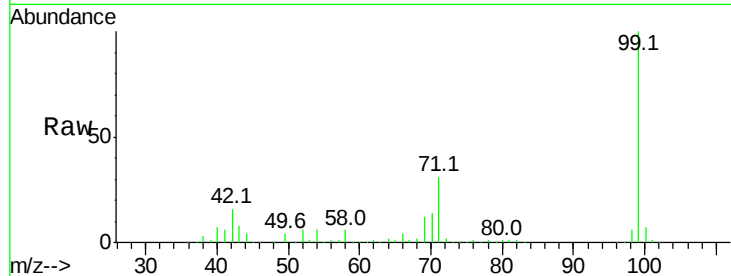
Tot Ion: 99 Resp: 836196

Ion Ratio Lower Upper

99 100

42 16.2 14.5 21.7

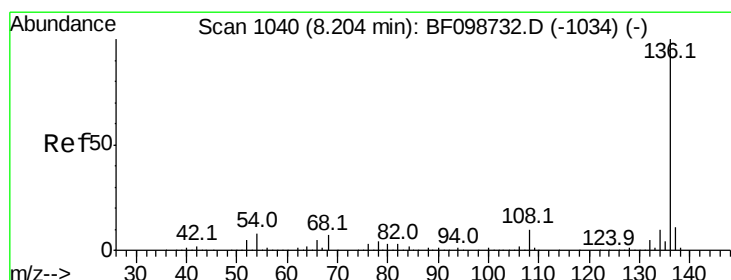
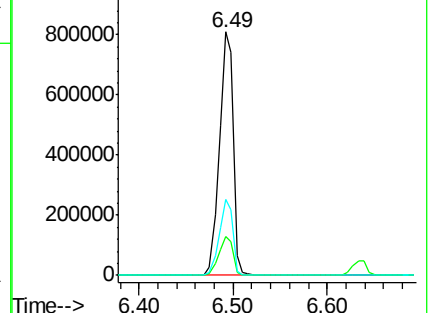
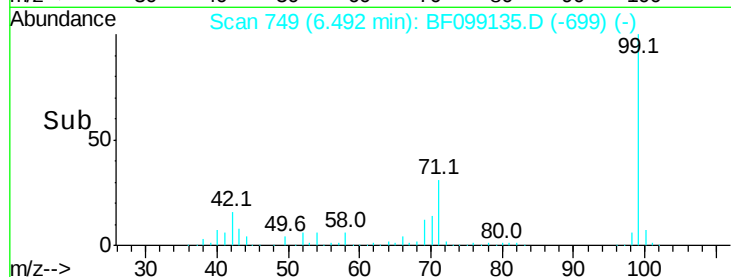
71 31.2 25.4 38.0



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: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF099135.D

Acq: 6 Oct 2017 8:11

Tgt Ion: 136 Resp: 479248

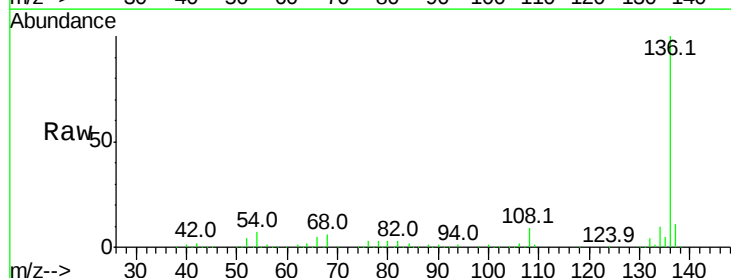
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.3 6.6 9.8

68 5.8 5.0 7.4

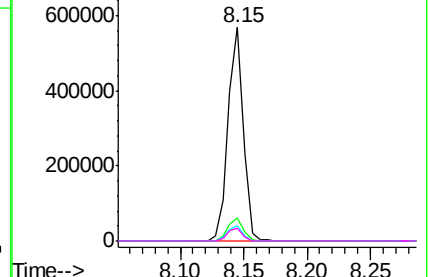
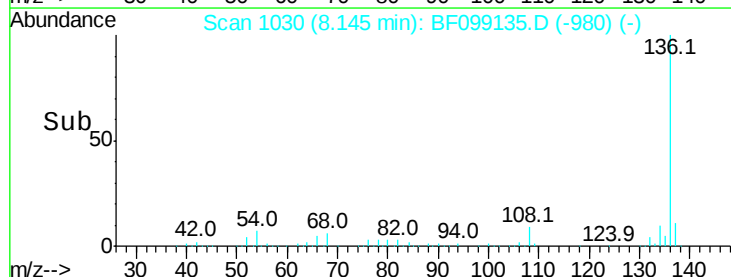


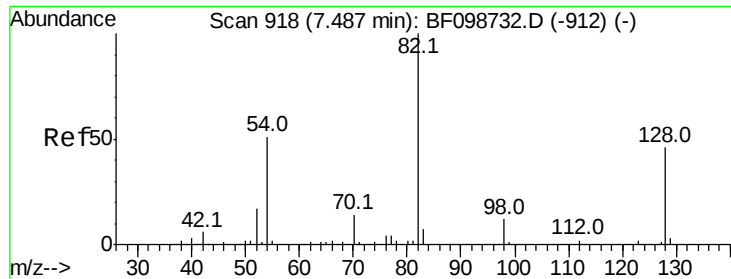
Abundance Ion 136.00 (135.70 to 136.70): E

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

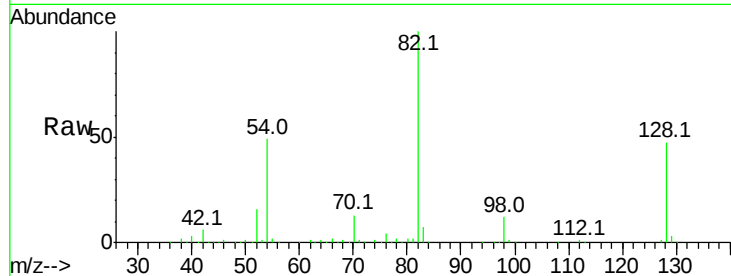




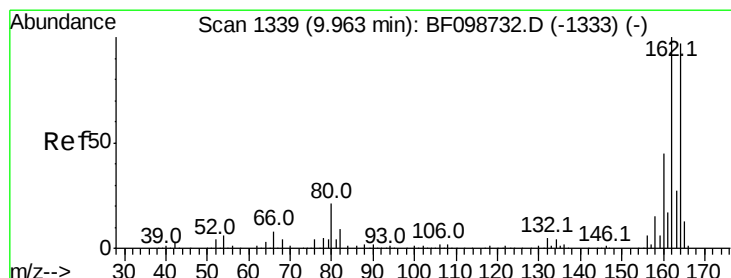
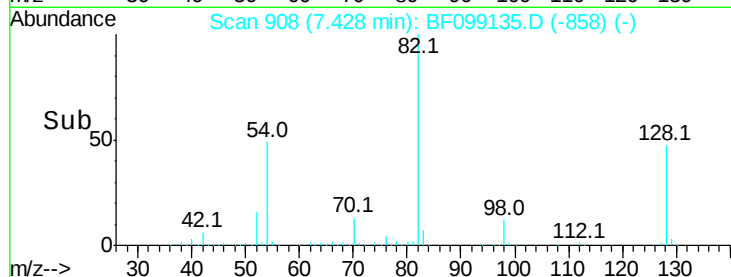
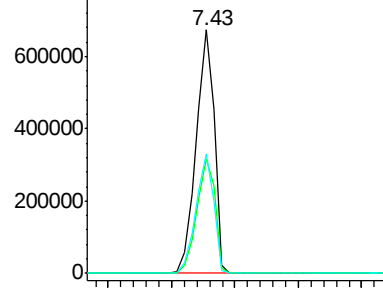
#23
Nitrobenzene-d5
Concen: 89.871 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF099135.D
Acq: 6 Oct 2017 8:11

Instrument :
BNA_F
ClientSampleId :
TP-14-COMP

Tot Ion: 82 Resp: 671614
Ion Ratio Lower Upper
82 100
128 47.1 36.1 54.1
54 49.0 41.4 62.2

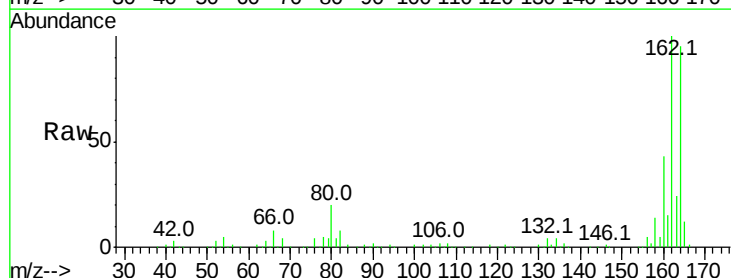


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

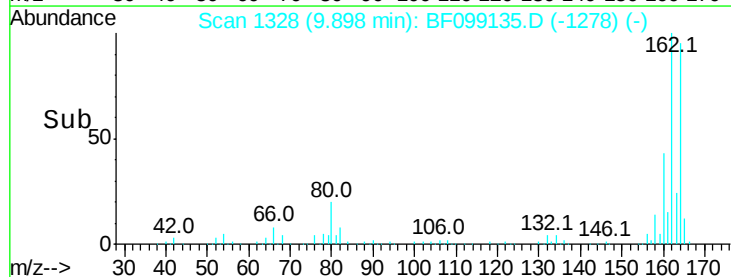
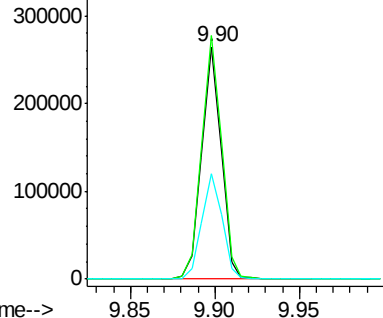


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF099135.D
Acq: 6 Oct 2017 8:11

Tgt Ion:164 Resp: 212692
Ion Ratio Lower Upper
164 100
162 104.8 86.1 129.1
160 45.4 38.3 57.5



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

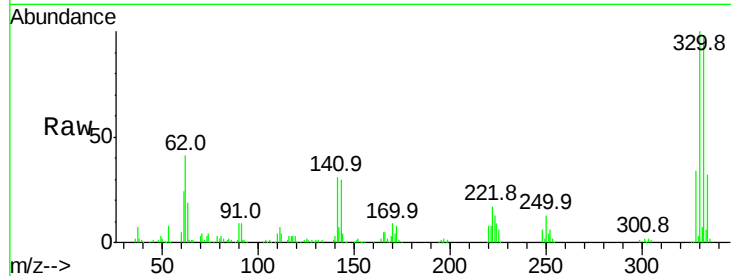




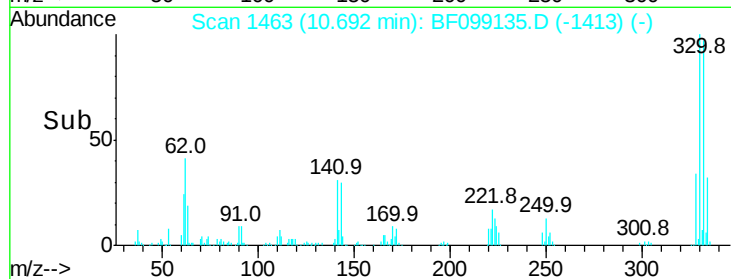
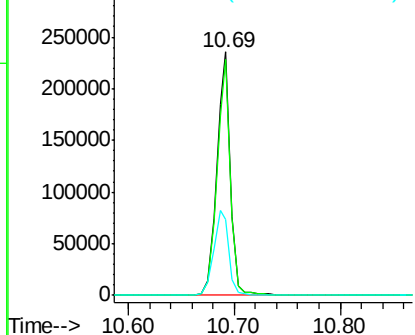
#41
 2,4,6-Tribromophenol
 Concen: 123.906 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: BF099135.D
 Acq: 6 Oct 2017 8:11

Instrument :
 BNA_F
 ClientSampleId :
 TP-14-COMP

Tot Ion:330 Resp: 215645
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.0 115.6
 141 39.2 29.9 44.9

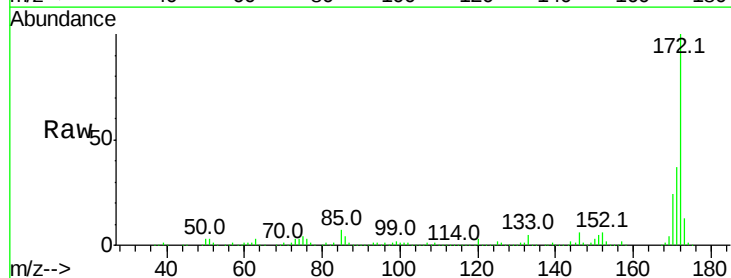


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

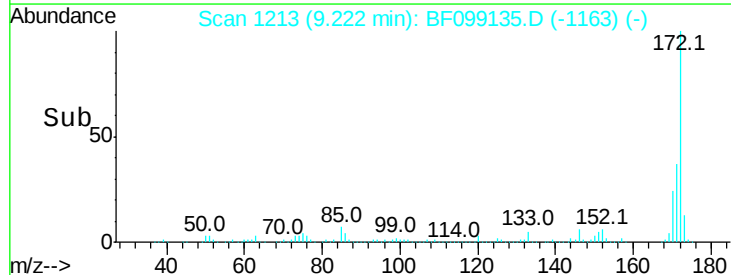
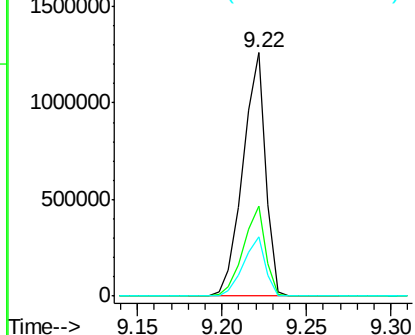


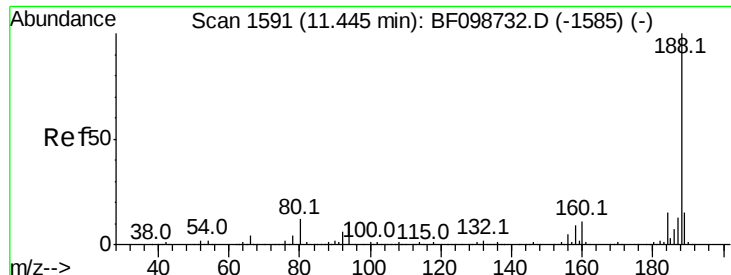
#44
 2-Fluorobiphenyl
 Concen: 92.791 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF099135.D
 Acq: 6 Oct 2017 8:11

Tgt Ion:172 Resp: 1182199
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.7 44.5
 170 24.3 19.6 29.4



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: 20.000 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BF099135.D

Acq: 6 Oct 2017 8:11

Instrument :

BNA_F

ClientSampleId :

TP-14-COMP

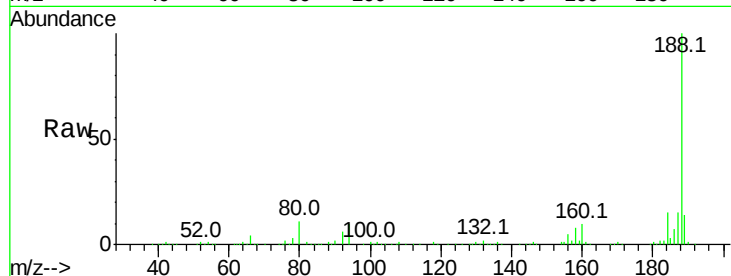
Tot Ion:188 Resp: 348716

Ion Ratio Lower Upper

188 100

94 10.4 8.5 12.7

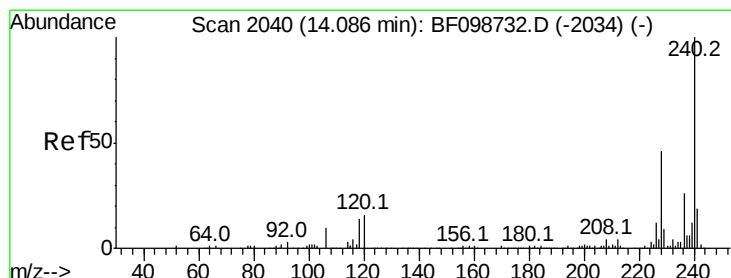
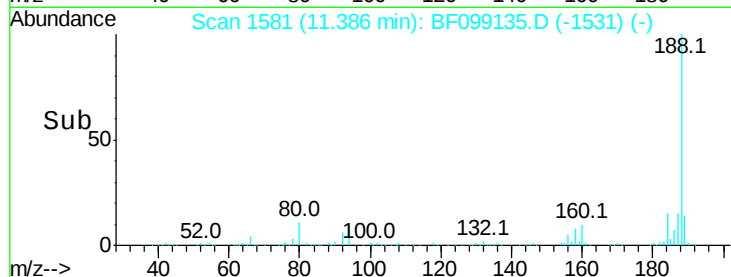
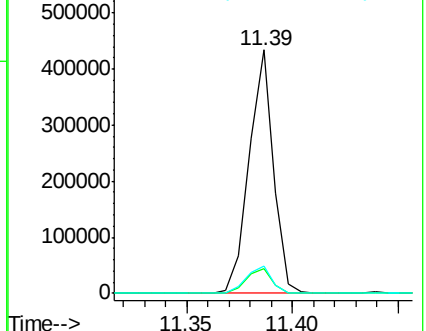
80 11.2 9.2 13.8



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: 20.000 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF099135.D

Acq: 6 Oct 2017 8:11

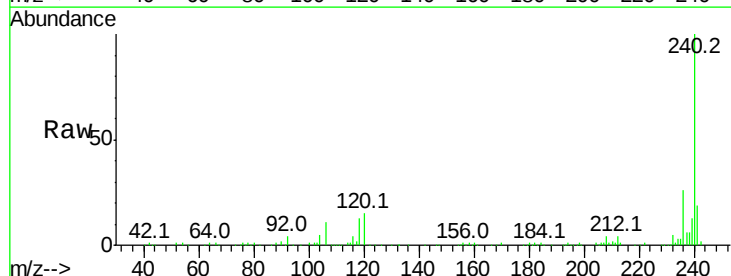
Tgt Ion:240 Resp: 211637

Ion Ratio Lower Upper

240 100

120 15.0 9.5 14.3#

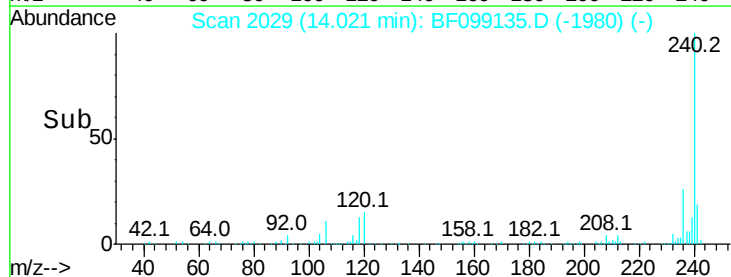
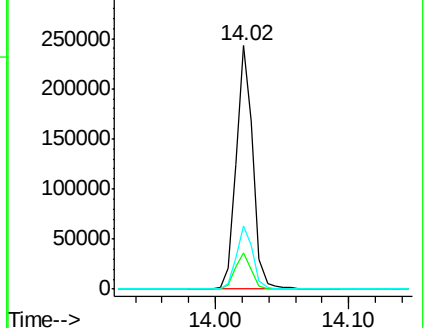
236 26.0 20.7 31.1



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: 92.683 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BF099135.D

Acq: 6 Oct 2017 8:11

Instrument :

BNA_F

ClientSampleId :

TP-14-COMP

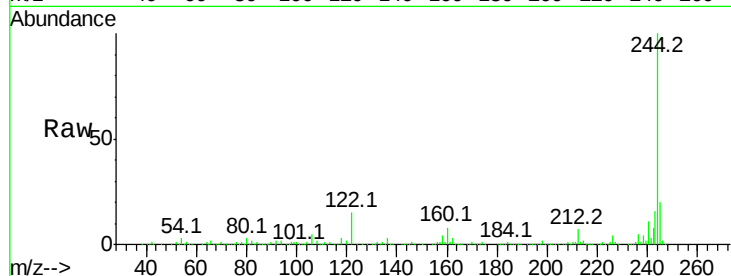
Tot Ion:244 Resp: 862509

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

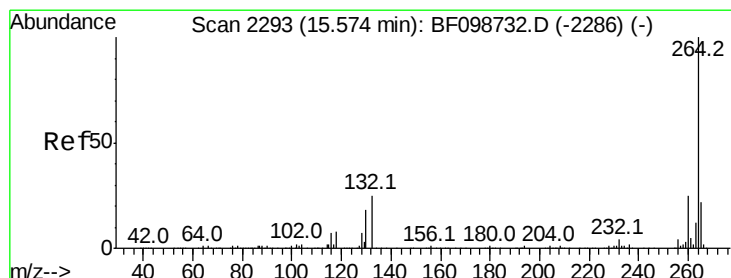
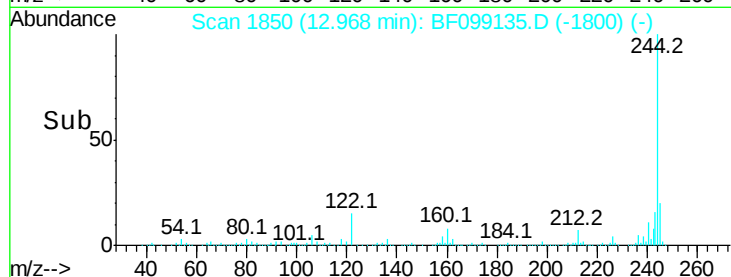
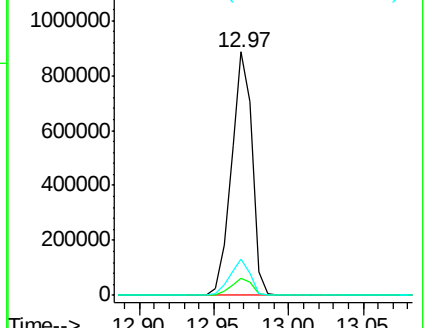
122 14.7 11.0 16.4



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: 20.000 ng

RT: 15.50 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BF099135.D

Acq: 6 Oct 2017 8:11

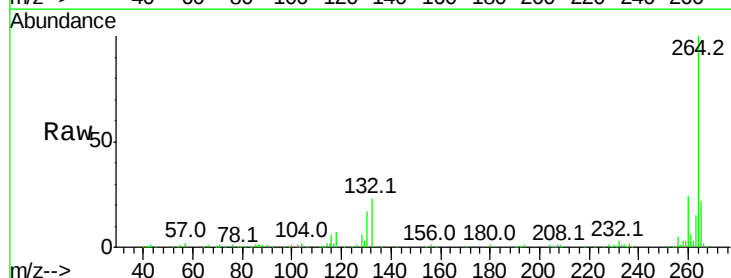
Tgt Ion:264 Resp: 203127

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 22.2 17.5 26.3



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

