

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100517\
 Data File : BF099134.D
 Acq On : 6 Oct 2017 7:43
 Operator : SJ/JU
 Sample : I5644-12
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-12-13-COMP

Quant Time: Oct 06 08:19:23 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	118996	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	491667	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	220294	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	359566	20.00	ng	0.00
75) Chrysene-d12	14.02	240	233321	20.00	ng	-0.01
86) Perylene-d12	15.50	264	216437	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	871020	116.52	ng	0.02
7) Phenol-d6	6.49	99	514638	55.81	ng	0.00
23) Nitrobenzene-d5	7.43	82	714855	93.24	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	225335	125.01	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1250651	94.78	ng	0.00
78) Terphenyl-d14	12.97	244	922454	89.91	ng	0.00

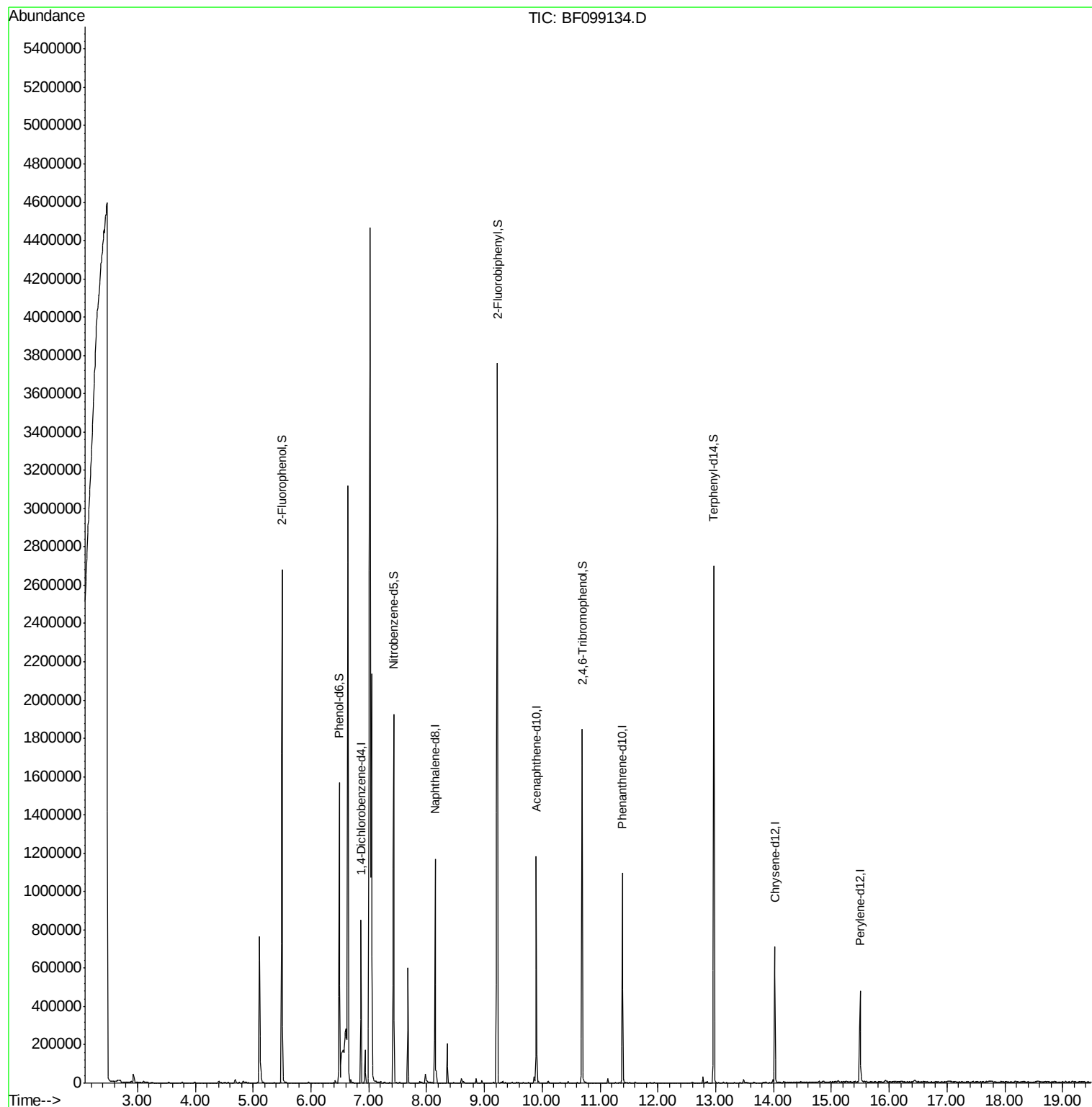
Target Compounds Qvalue

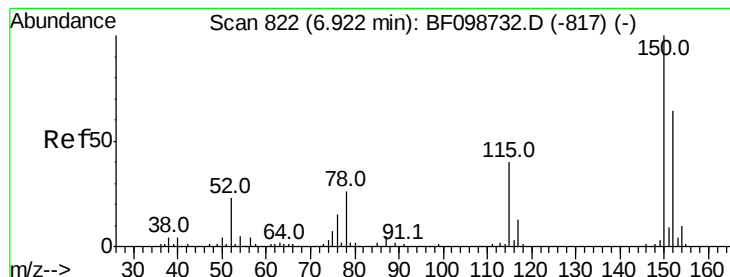
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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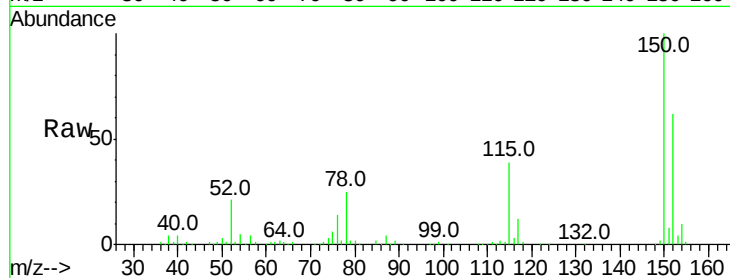


#1

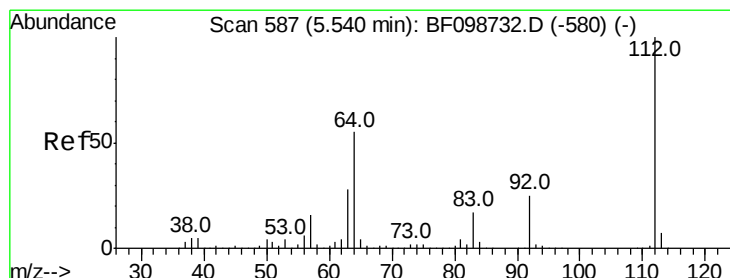
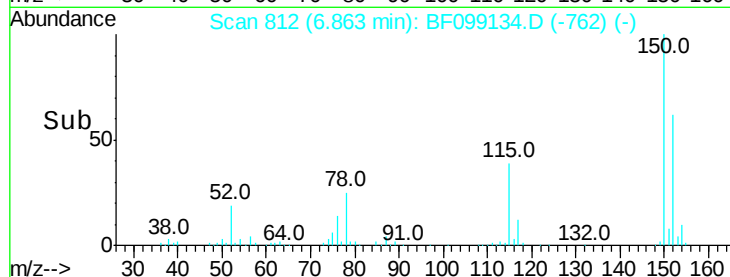
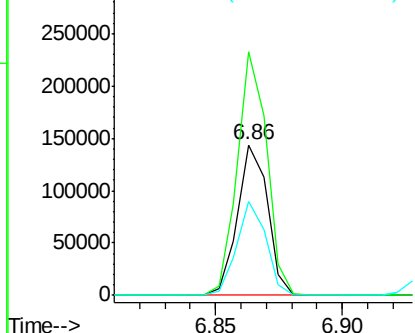
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF099134.D
 Acq: 6 Oct 2017 7:43

Instrument :
 BNA_F
 ClientSampleId :
 TP-12-13-COMP

Tot Ion:152 Resp: 118996
 Ion Ratio Lower Upper
 152 100
 150 161.5 124.6 186.8
 115 62.3 50.1 75.1



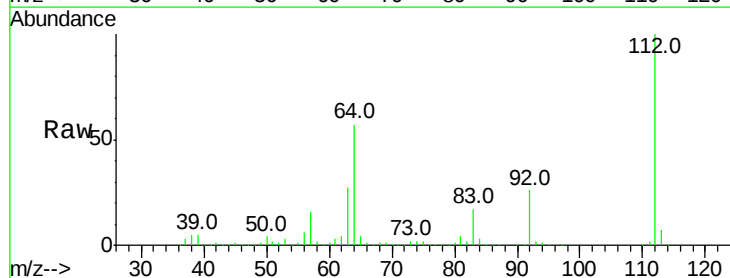
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



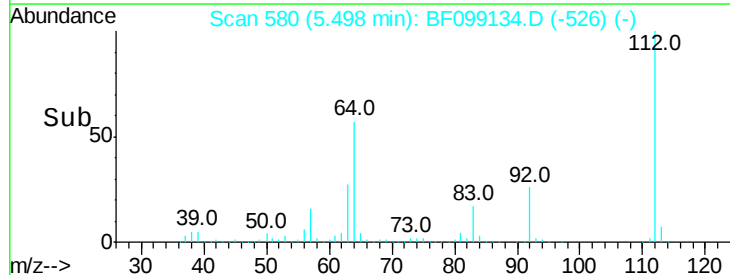
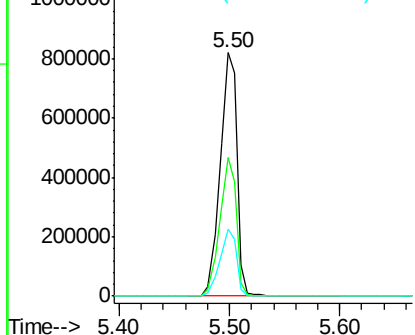
#5

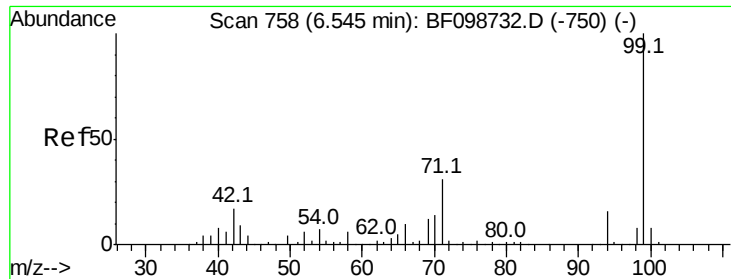
2-Fluorophenol
 Concen: 116.523 ng
 RT: 5.50 min Scan# 580
 Delta R.T. 0.02 min
 Lab File: BF099134.D
 Acq: 6 Oct 2017 7:43

Tgt Ion:112 Resp: 871020
 Ion Ratio Lower Upper
 112 100
 64 57.0 47.9 71.9
 63 27.4 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: 55.809 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF099134.D

Acq: 6 Oct 2017 7:43

Instrument :

BNA_F

ClientSampleId :

TP-12-13-COMP

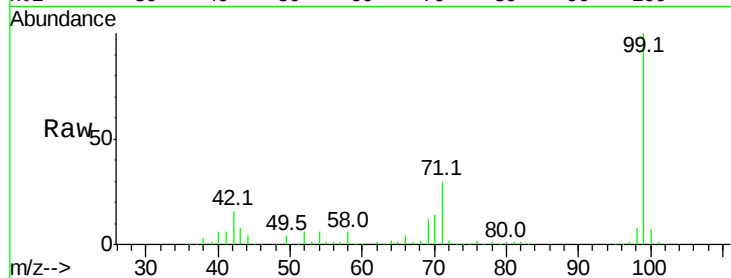
Tot Ion: 99 Resp: 514638

Ion Ratio Lower Upper

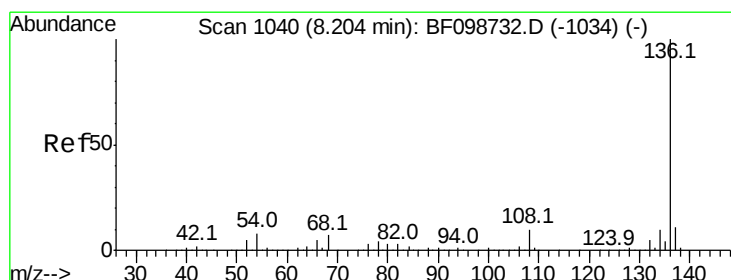
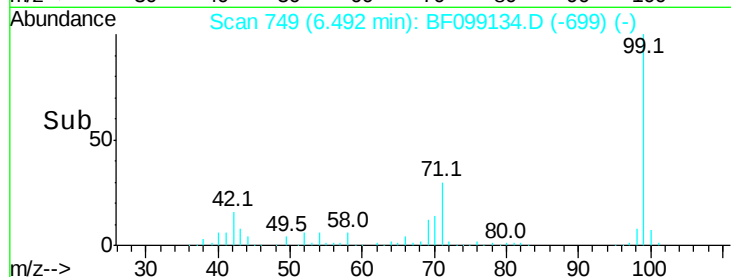
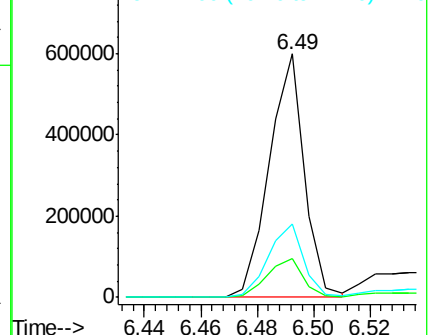
99 100

42 15.9 14.5 21.7

71 30.2 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: BF099134.D

Acq: 6 Oct 2017 7:43

Tgt Ion: 136 Resp: 491667

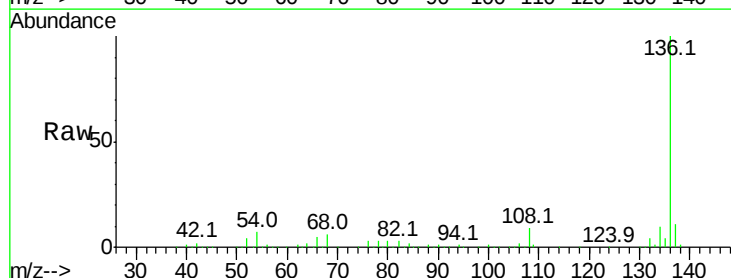
Ion Ratio Lower Upper

136 100

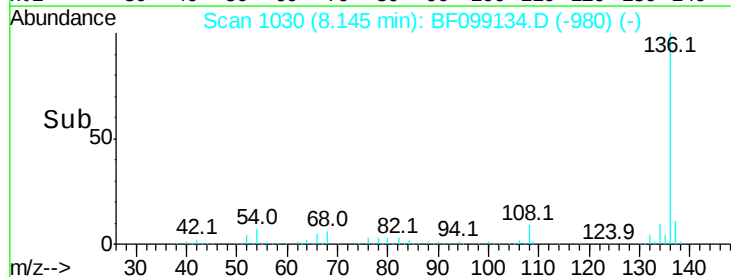
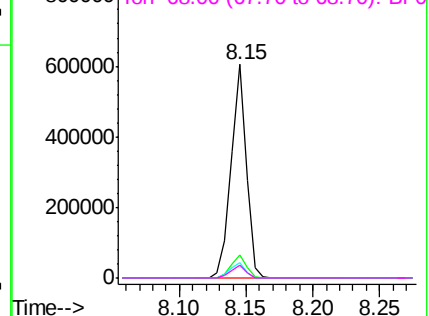
137 10.9 8.9 13.3

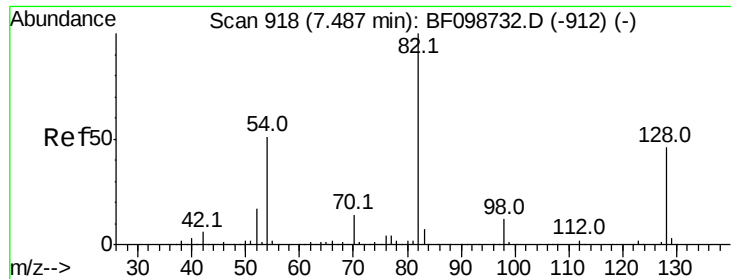
54 7.4 6.6 9.8

68 6.1 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: 93.241 ng

RT: 7.43 min Scan# 909

Delta R.T. 0.00 min

Lab File: BF099134.D

Acq: 6 Oct 2017 7:43

Instrument :

BNA_F

ClientSampleId :

TP-12-13-COMP

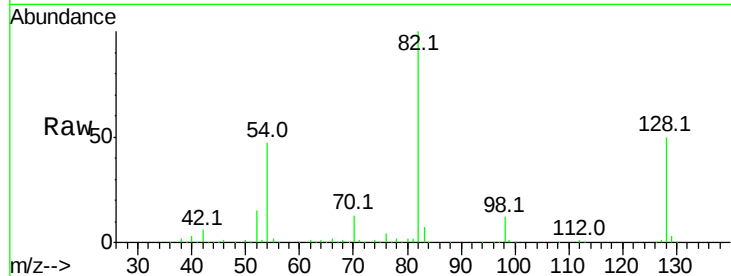
Tot Ion: 82 Resp: 714855

Ion Ratio Lower Upper

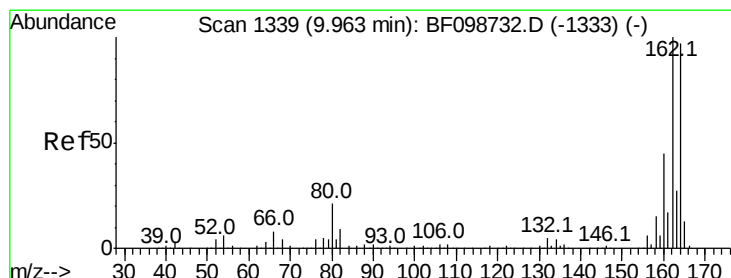
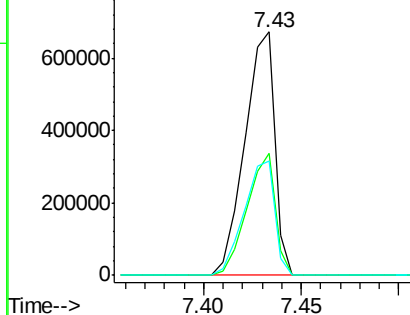
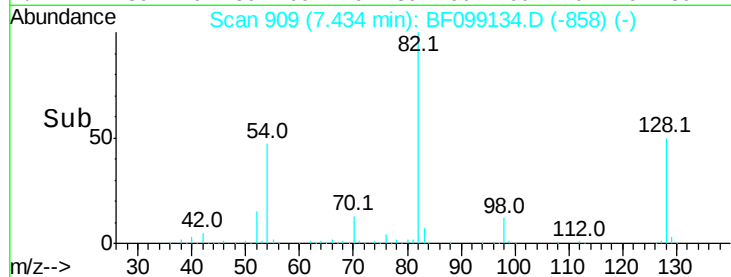
82 100

128 49.9 36.1 54.1

54 46.7 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
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: BF099134.D

Acq: 6 Oct 2017 7:43

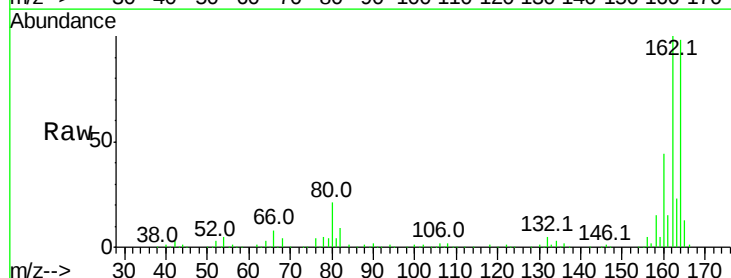
Tgt Ion:164 Resp: 220294

Ion Ratio Lower Upper

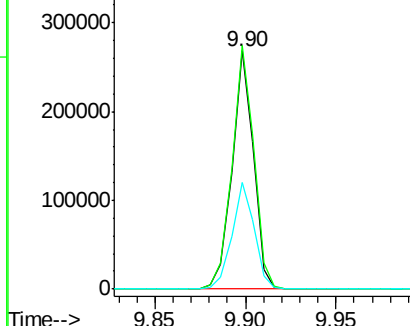
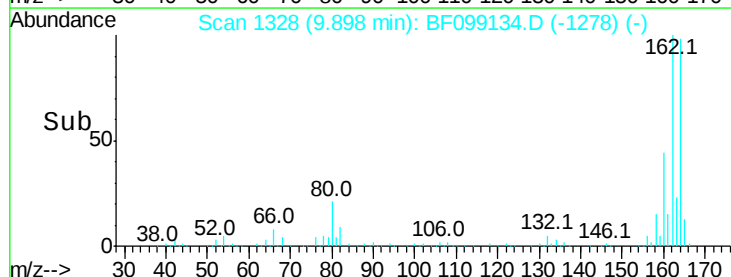
164 100

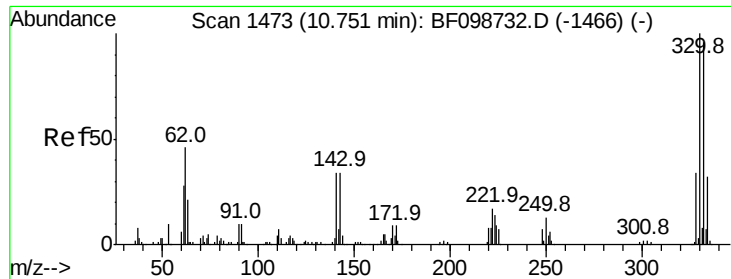
162 102.3 86.1 129.1

160 44.9 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): B
Ion 162.00 (161.70 to 162.70): B
Ion 160.00 (159.70 to 160.70): B

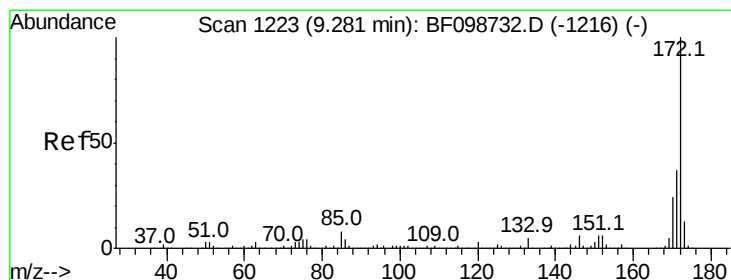
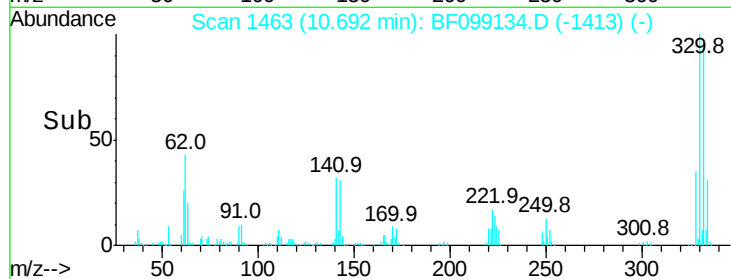
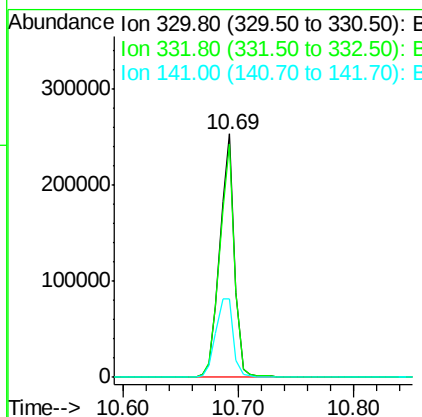
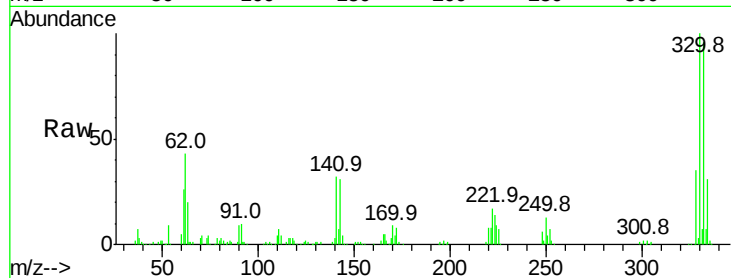




#41
 2,4,6-Tribromophenol
 Concen: 125.005 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: BF099134.D
 Acq: 6 Oct 2017 7:43

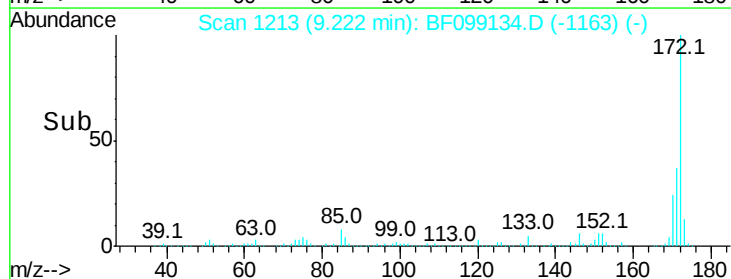
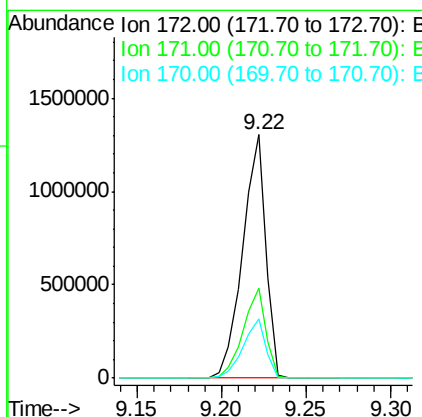
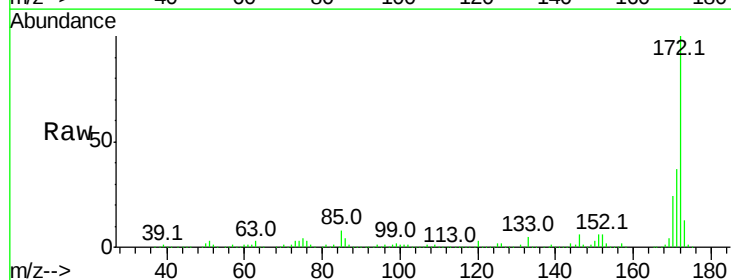
Instrument :
 BNA_F
 ClientSampleId :
 TP-12-13-COMP

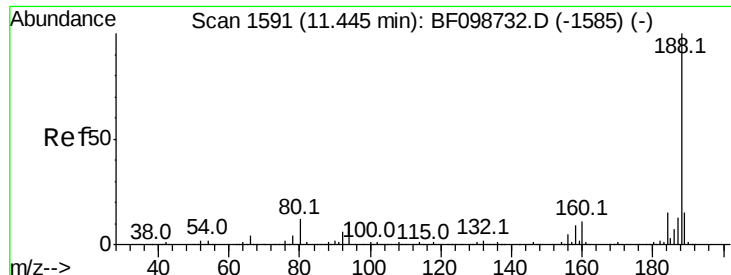
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	39.2	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 94.776 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF099134.D
 Acq: 6 Oct 2017 7:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.3	19.6	29.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BF099134.D

Acq: 6 Oct 2017 7:43

Instrument :

BNA_F

ClientSampleId :

TP-12-13-COMP

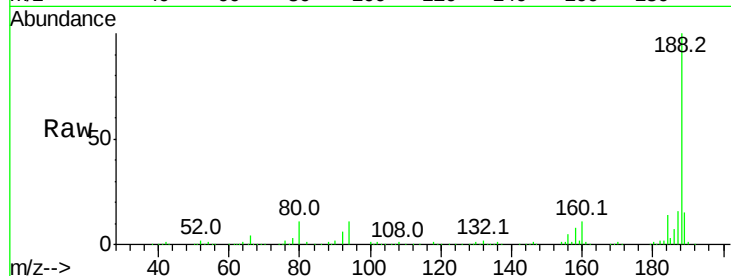
Tot Ion:188 Resp: 359566

Ion Ratio Lower Upper

188 100

94 10.6 8.5 12.7

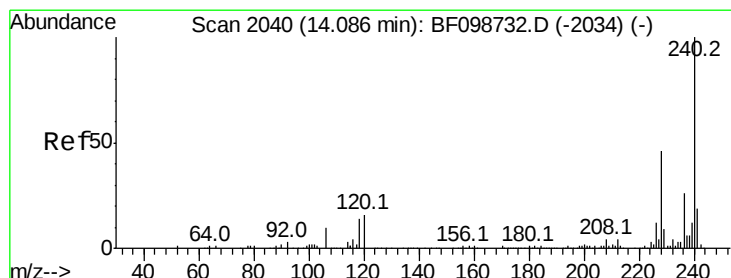
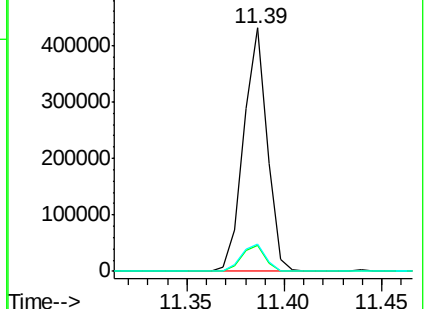
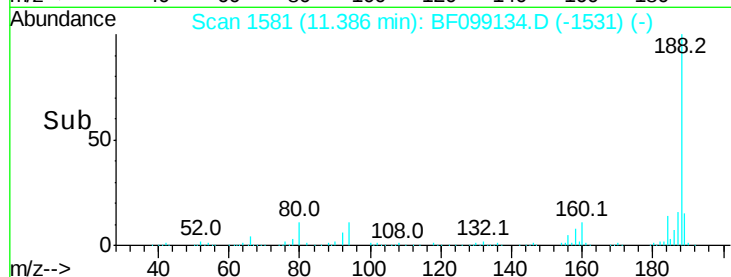
80 11.4 9.2 13.8



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: BF099134.D

Acq: 6 Oct 2017 7:43

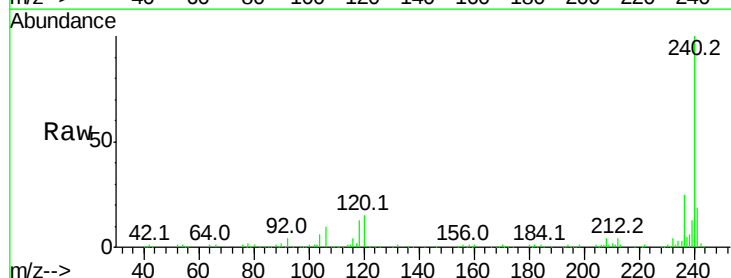
Tgt Ion:240 Resp: 233321

Ion Ratio Lower Upper

240 100

120 15.1 9.5 14.3#

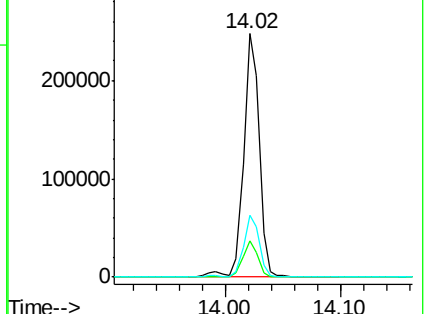
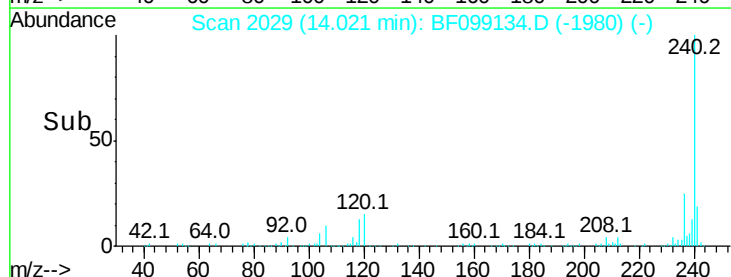
236 25.4 20.7 31.1

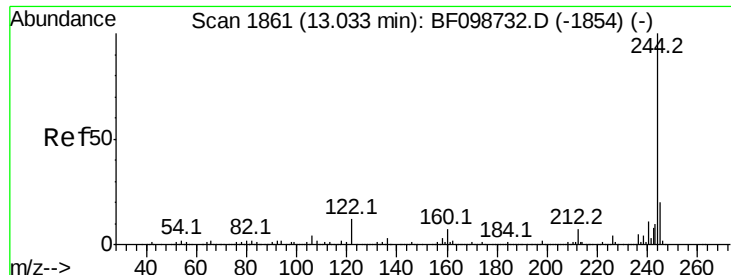


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 89.912 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BF099134.D

Acq: 6 Oct 2017 7:43

Instrument :

BNA_F

ClientSampleId :

TP-12-13-COMP

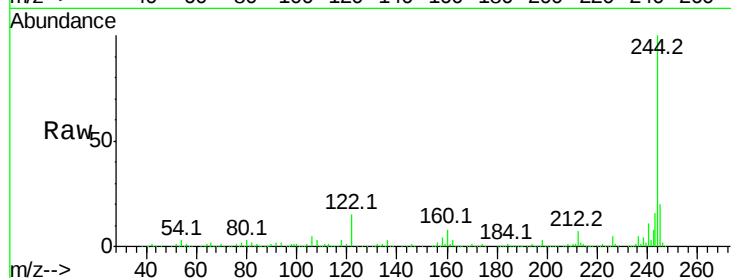
Tot Ion:244 Resp: 922454

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

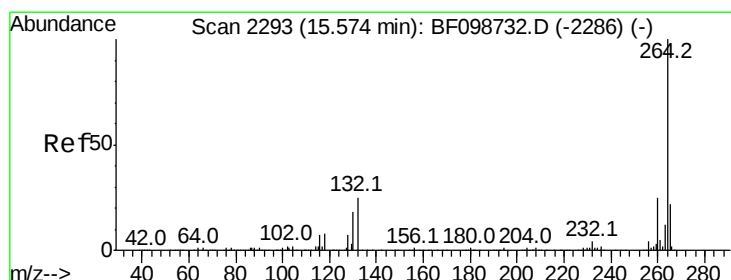
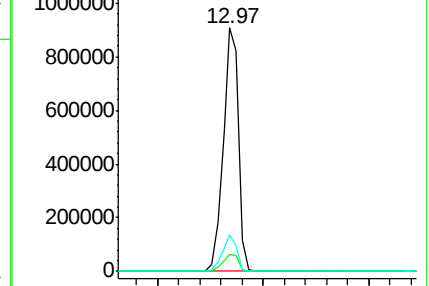
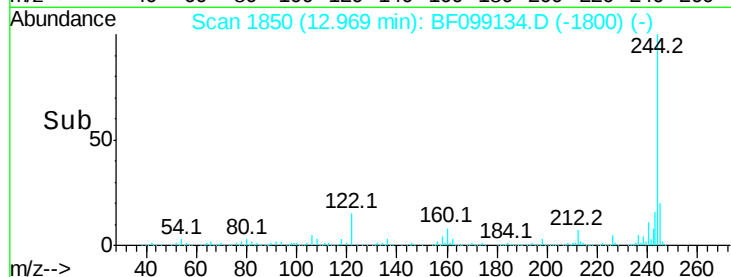
122 14.9 11.0 16.4



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: BF099134.D

Acq: 6 Oct 2017 7:43

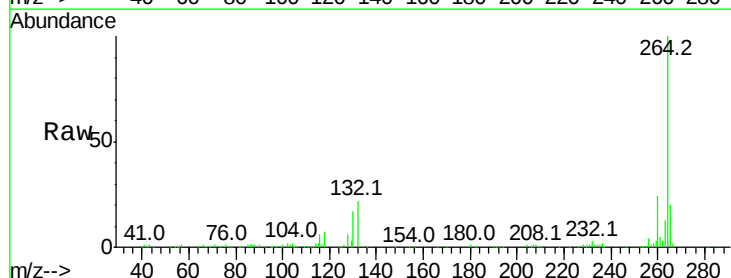
Tgt Ion:264 Resp: 216437

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 20.1 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

