

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100517\
 Data File : BF099107.D
 Acq On : 5 Oct 2017 17:02
 Operator : SJ/JU
 Sample : I5610-28
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2B-(1-2)-COMP-(0-5)

Quant Time: Oct 05 17:47:14 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	121059	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	500758	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	226048	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	410081	20.00	ng	0.00
75) Chrysene-d12	14.03	240	308114	20.00	ng	0.00
86) Perylene-d12	15.50	264	228019	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	823878	108.34	ng	0.02
7) Phenol-d6	6.50	99	860144	91.69	ng	0.00
23) Nitrobenzene-d5	7.43	82	719209	92.11	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	245428	132.69	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1250308	92.34	ng	0.00
78) Terphenyl-d14	12.97	244	1140106	84.15	ng	0.00

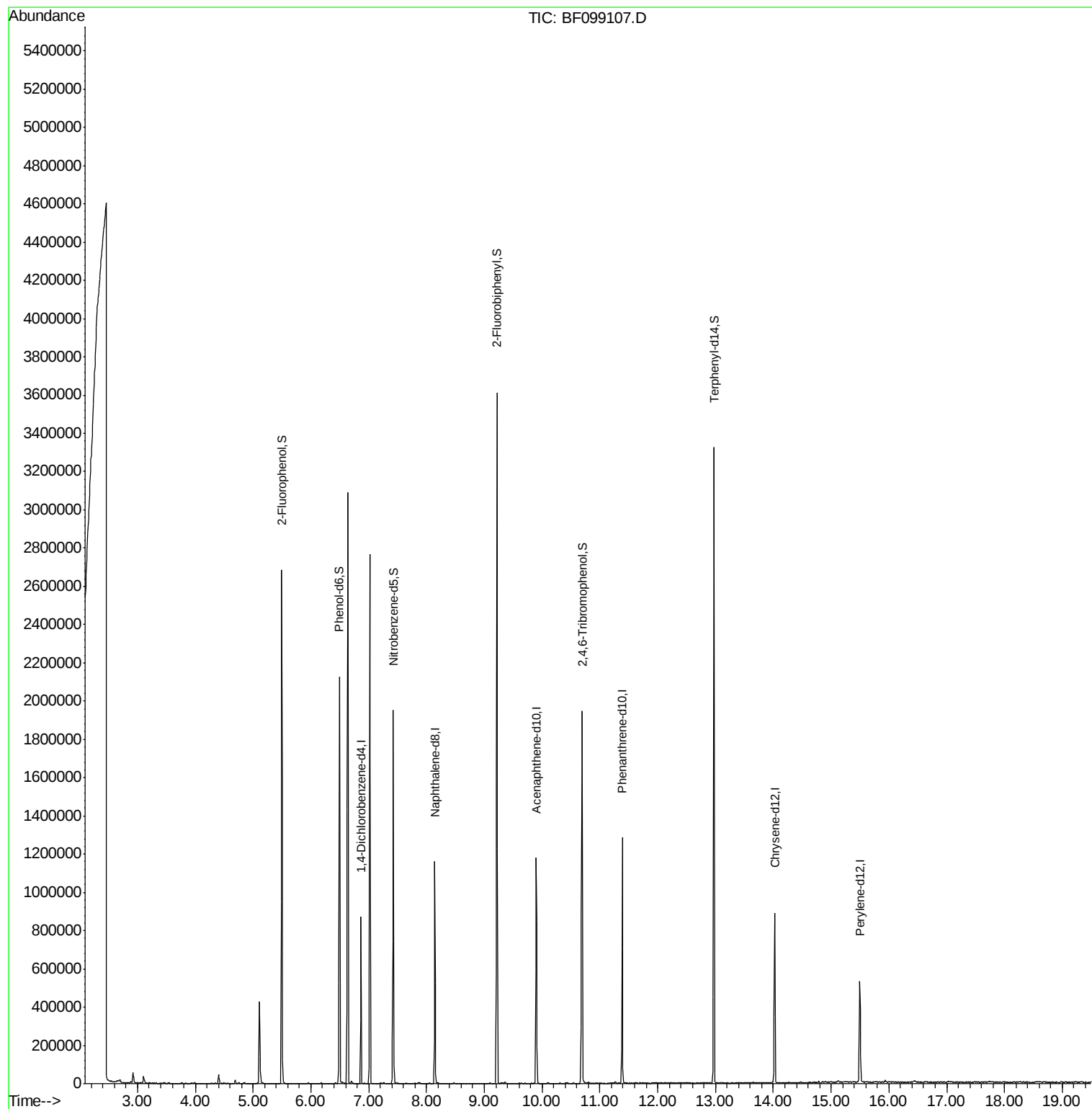
Target Compounds Qvalue

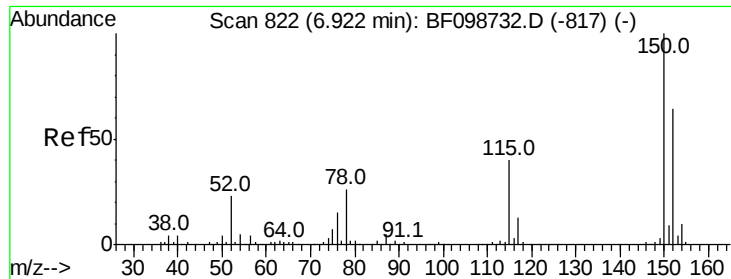
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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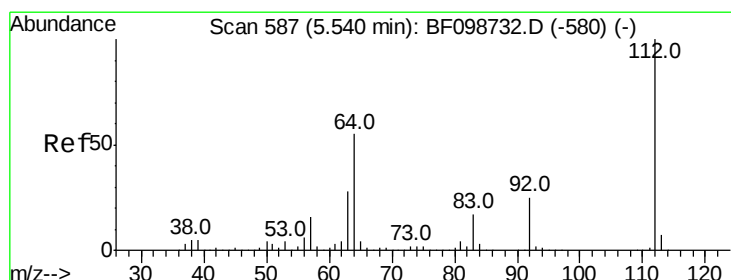
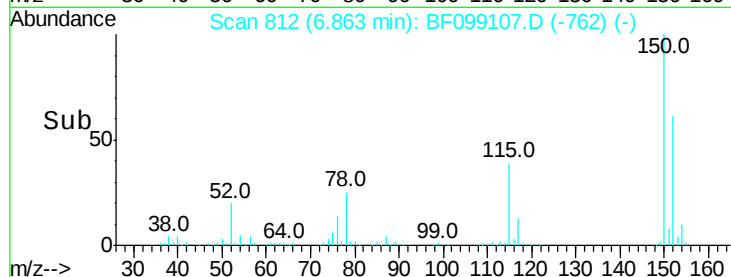
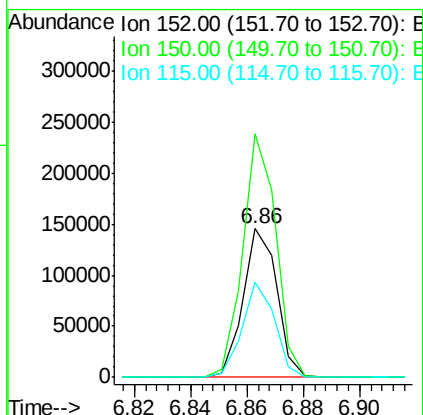
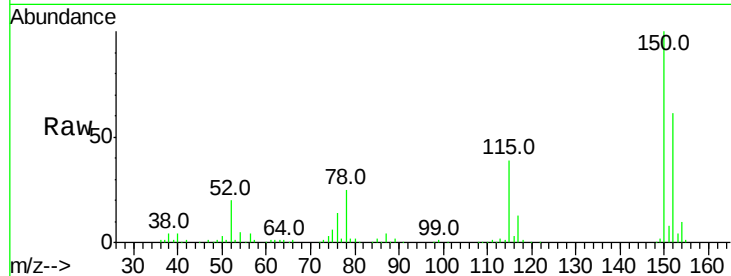


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF099107.D
 Acq: 5 Oct 2017 17:02

Instrument :
 BNA_F
 ClientSampleId :
 2B-(1-2)-COMP-(0-5)

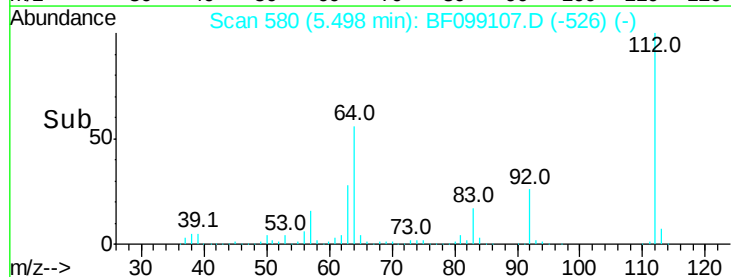
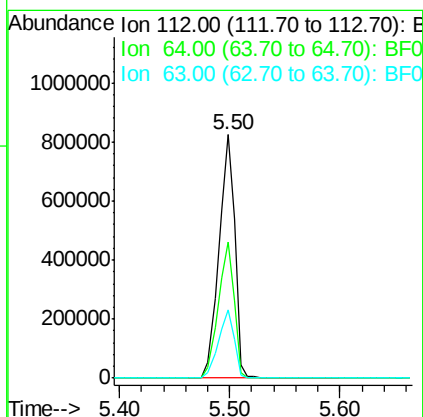
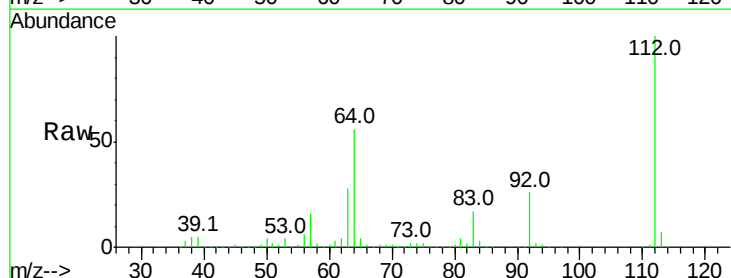
Tot Ion:152 Resp: 121059
 Ion Ratio Lower Upper
 152 100
 150 163.8 124.6 186.8
 115 63.9 50.1 75.1

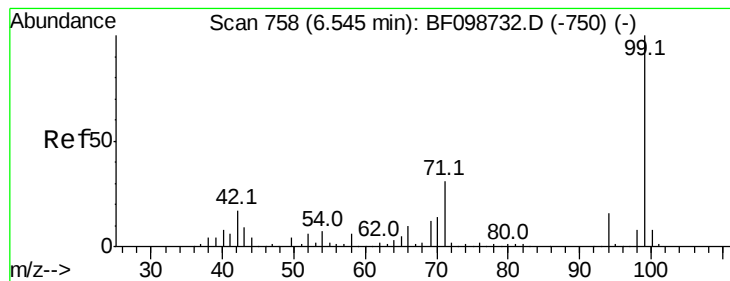


#5

2-Fluorophenol
 Concen: 108.338 ng
 RT: 5.50 min Scan# 580
 Delta R.T. 0.02 min
 Lab File: BF099107.D
 Acq: 5 Oct 2017 17:02

Tgt Ion:112 Resp: 823878
 Ion Ratio Lower Upper
 112 100
 64 55.8 47.9 71.9
 63 27.9 23.7 35.5





#7

Phenol-d6

Concen: 91.688 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF099107.D

Acq: 5 Oct 2017 17:02

Instrument :

BNA_F

ClientSampleId :

2B-(1-2)-COMP-(0-5)

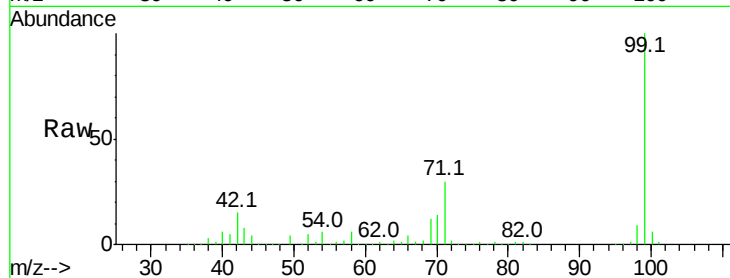
Tot Ion: 99 Resp: 860144

Ion Ratio Lower Upper

99 100

42 15.3 14.5 21.7

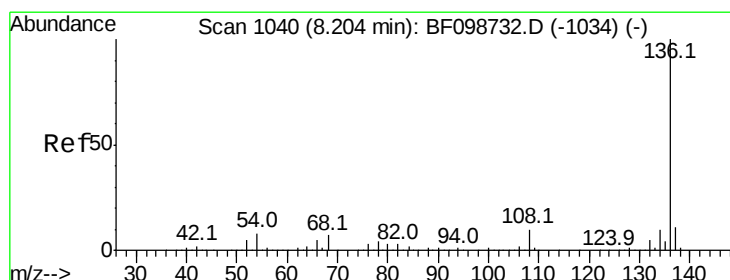
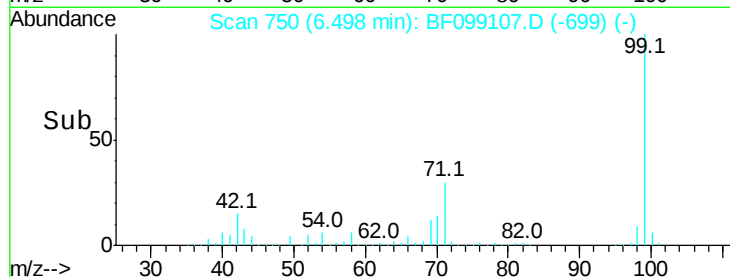
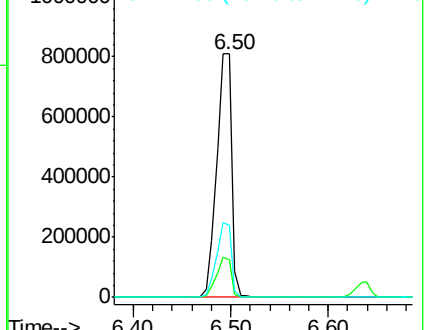
71 29.8 25.4 38.0



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: BF099107.D

Acq: 5 Oct 2017 17:02

Tgt Ion: 136 Resp: 500758

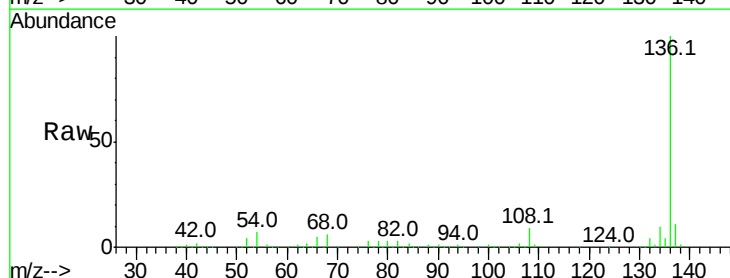
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.4 6.6 9.8

68 5.9 5.0 7.4

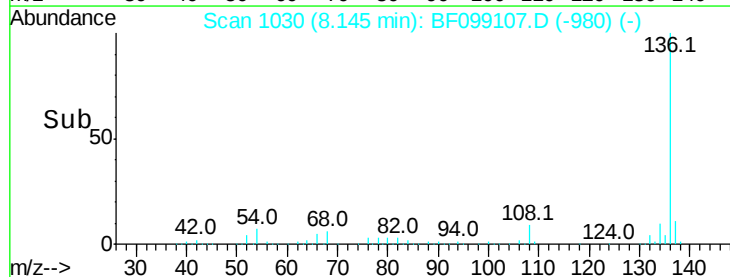
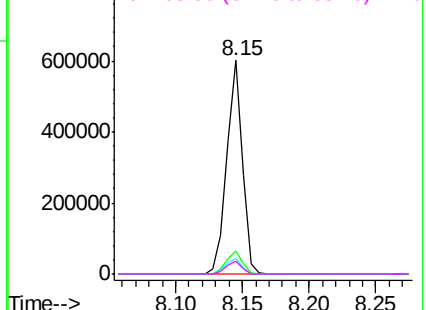


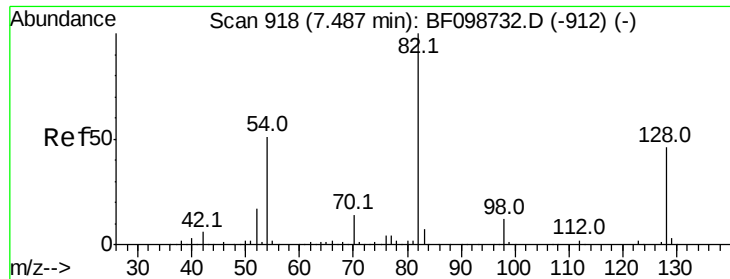
Abundance Ion 136.00 (135.70 to 136.70): E

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



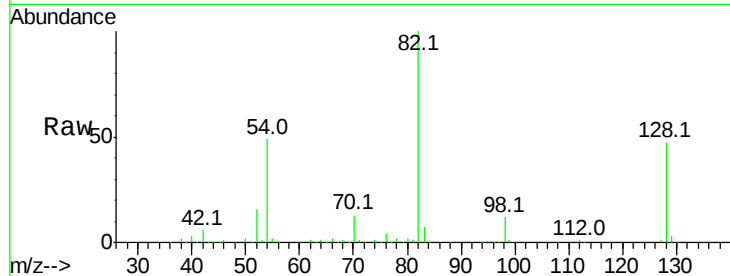


#23
 Nitrobenzene-d5
 Concen: 92.106 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF099107.D
 Acq: 5 Oct 2017 17:02

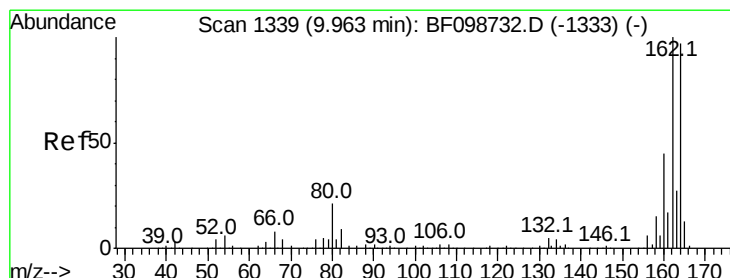
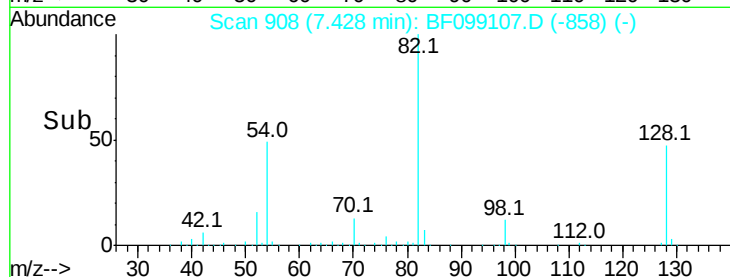
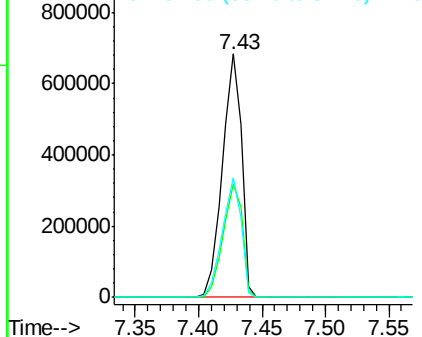
Instrument :
 BNA_F
 ClientSampleId :
 2B-(1-2)-COMP-(0-5)

Tot Ion: 82 Resp: 719209

Ion	Ratio	Lower	Upper
82	100		
128	46.6	36.1	54.1
54	48.9	41.4	62.2



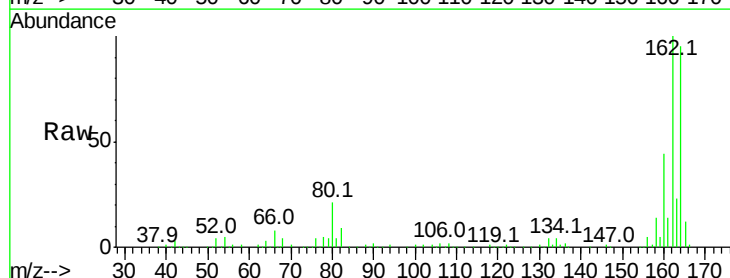
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0



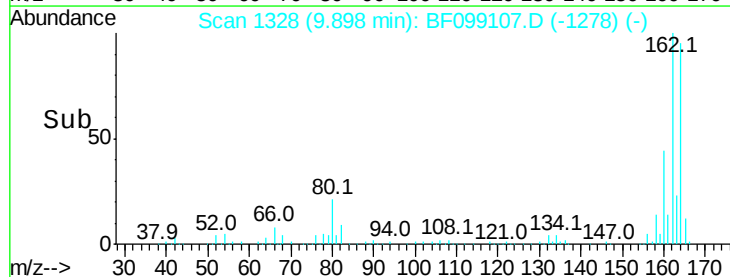
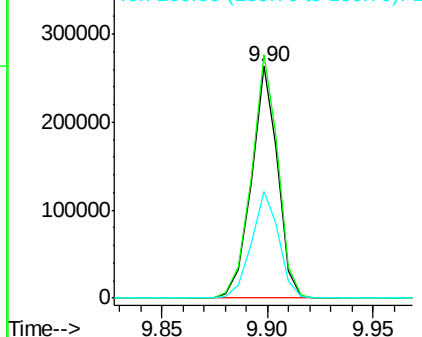
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF099107.D
 Acq: 5 Oct 2017 17:02

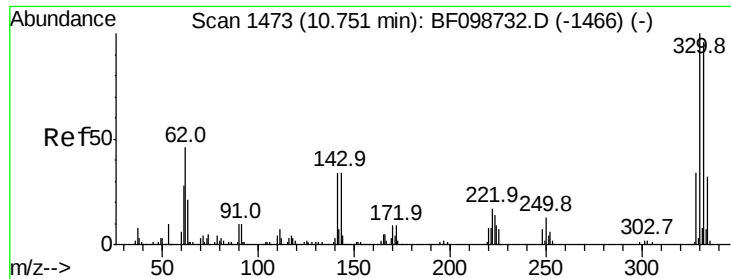
Tgt Ion:164 Resp: 226048

Ion	Ratio	Lower	Upper
164	100		
162	104.9	86.1	129.1
160	46.0	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

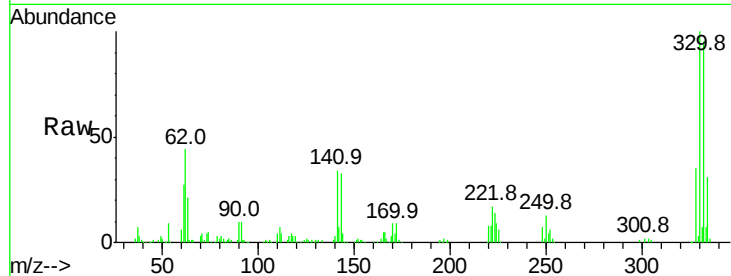




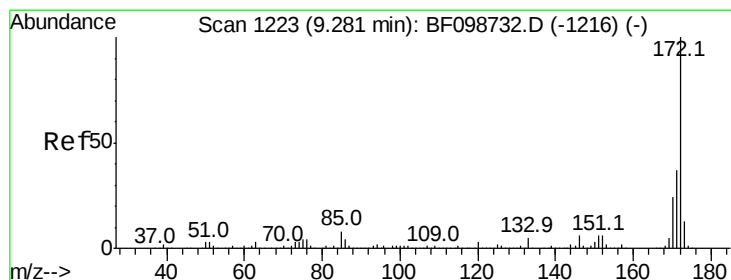
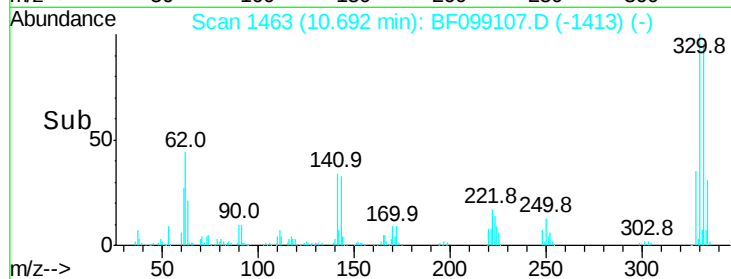
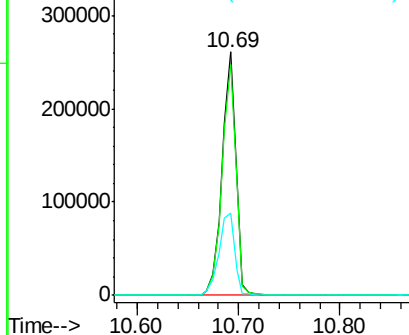
#41
 2,4,6-Tribromophenol
 Concen: 132.686 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: BF099107.D
 Acq: 5 Oct 2017 17:02

Instrument :
 BNA_F
 ClientSampleId :
 2B-(1-2)-COMP-(0-5)

Tot Ion:330 Resp: 245428
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 38.9 29.9 44.9

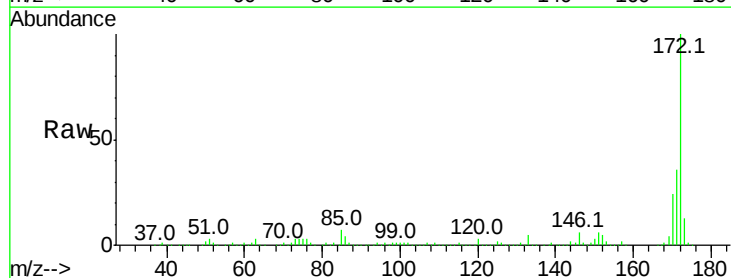


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

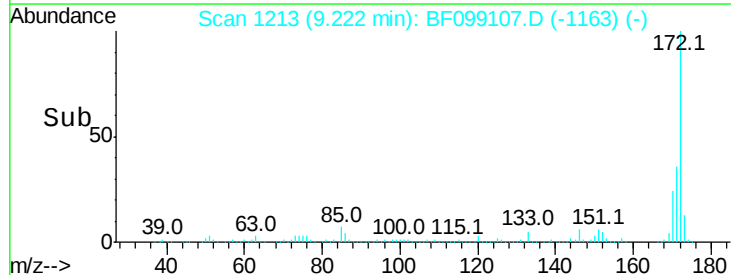
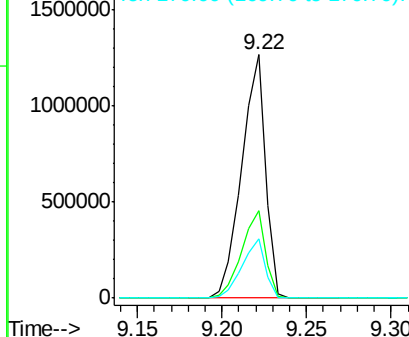


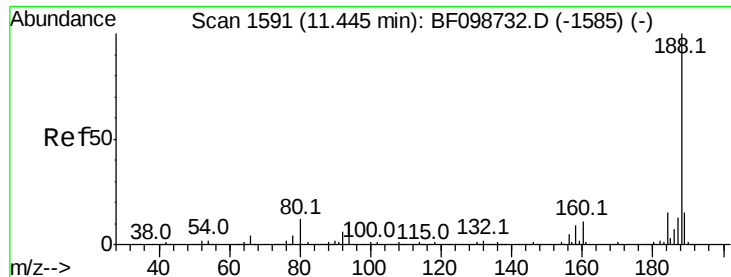
#44
 2-Fluorobiphenyl
 Concen: 92.338 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF099107.D
 Acq: 5 Oct 2017 17:02

Tgt Ion:172 Resp: 1250308
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 24.2 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

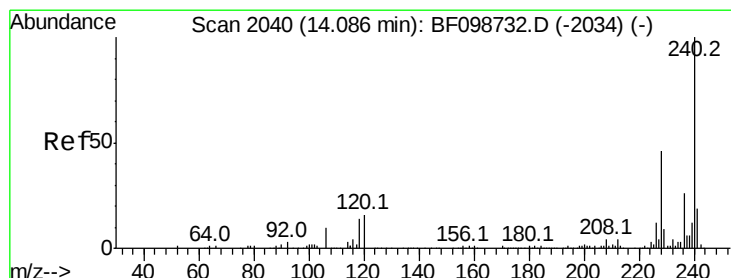
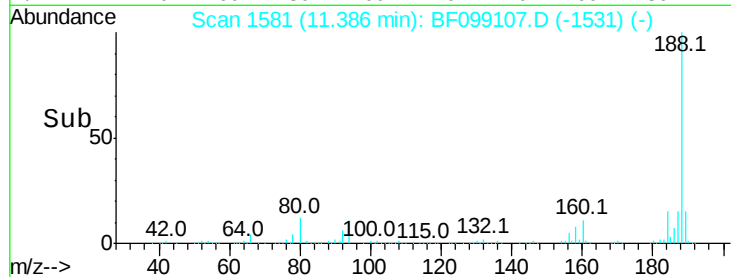
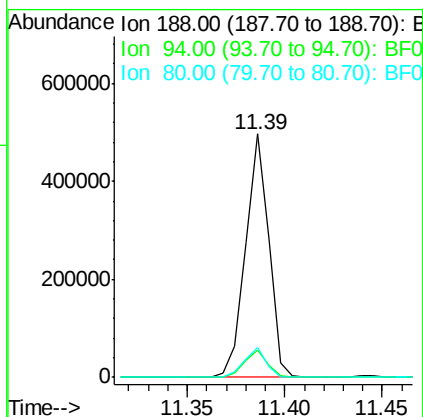
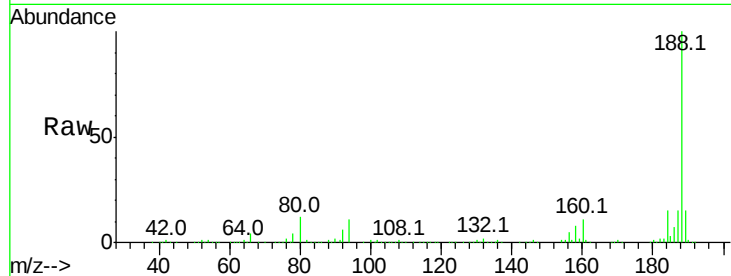




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF099107.D
Acq: 5 Oct 2017 17:02

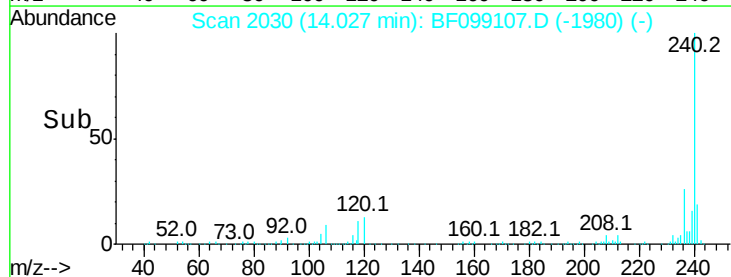
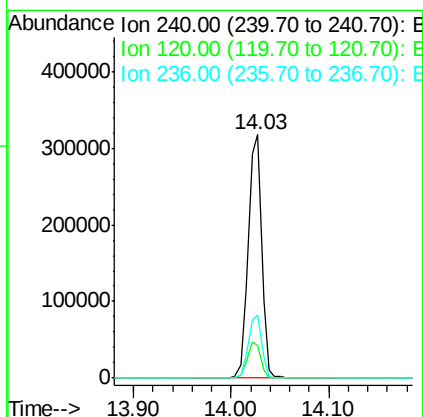
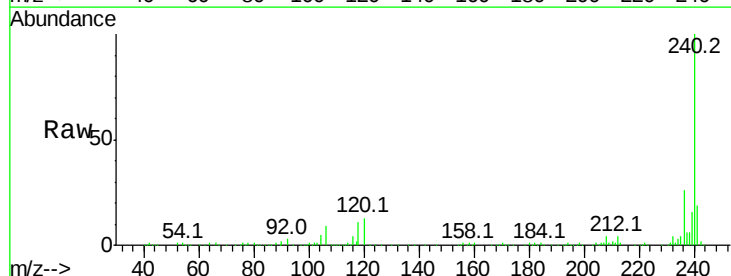
Instrument :
BNA_F
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2B-(1-2)-COMP-(0-5)

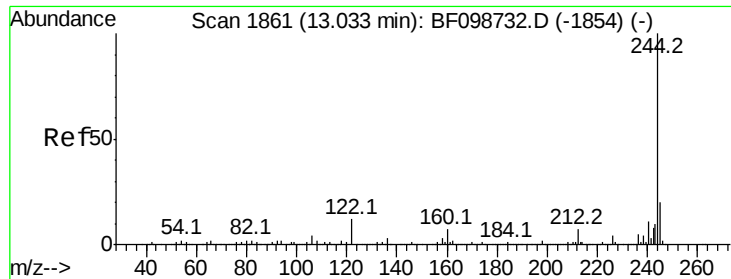
Tot Ion:188 Resp: 410081
Ion Ratio Lower Upper
188 100
94 11.4 8.5 12.7
80 12.4 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF099107.D
Acq: 5 Oct 2017 17:02

Tgt Ion:240 Resp: 308114
Ion Ratio Lower Upper
240 100
120 13.2 9.5 14.3
236 26.0 20.7 31.1





#78

Terphenyl-d14

Concen: 84.152 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.00 min

Lab File: BF099107.D

Acq: 5 Oct 2017 17:02

Instrument :

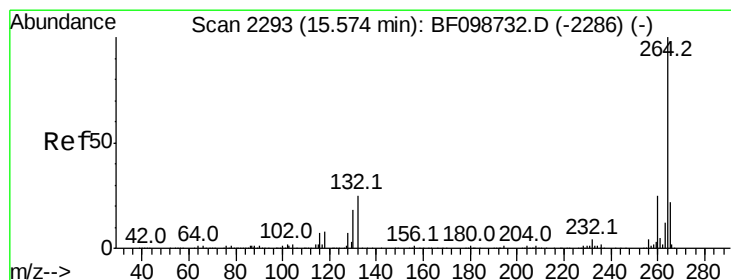
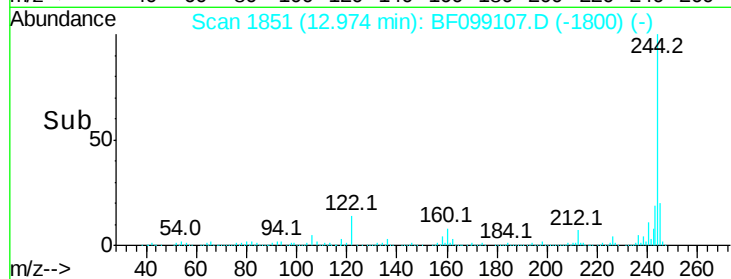
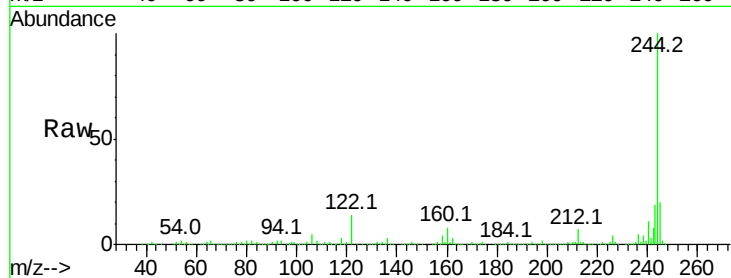
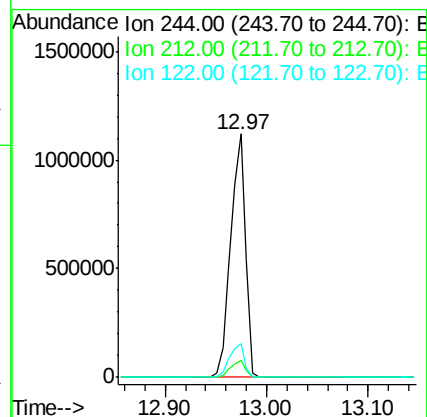
BNA_F

ClientSampleId :

2B-(1-2)-COMP-(0-5)

Tot Ion:244 Resp: 1140106

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	13.6	11.0	16.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.50 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BF099107.D

Acq: 5 Oct 2017 17:02

Tgt Ion:264 Resp: 228019

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.3	17.5	26.3

