

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100817\
 Data File : BF099225.D
 Acq On : 8 Oct 2017 11:53
 Operator : SJ/JU
 Sample : PB103045BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB103045BL

Quant Time: Oct 09 01:29:19 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	124780	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	519782	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	238949	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	431357	20.00	ng	0.00
75) Chrysene-d12	14.03	240	337859	20.00	ng	0.00
86) Perylene-d12	15.50	264	261652	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	895656	114.26	ng	0.02
7) Phenol-d6	6.50	99	1055997	109.21	ng	0.00
23) Nitrobenzene-d5	7.43	82	648947	80.07	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	225059	115.10	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1206716	84.31	ng	0.00
78) Terphenyl-d14	12.97	244	1081596	72.80	ng	0.00

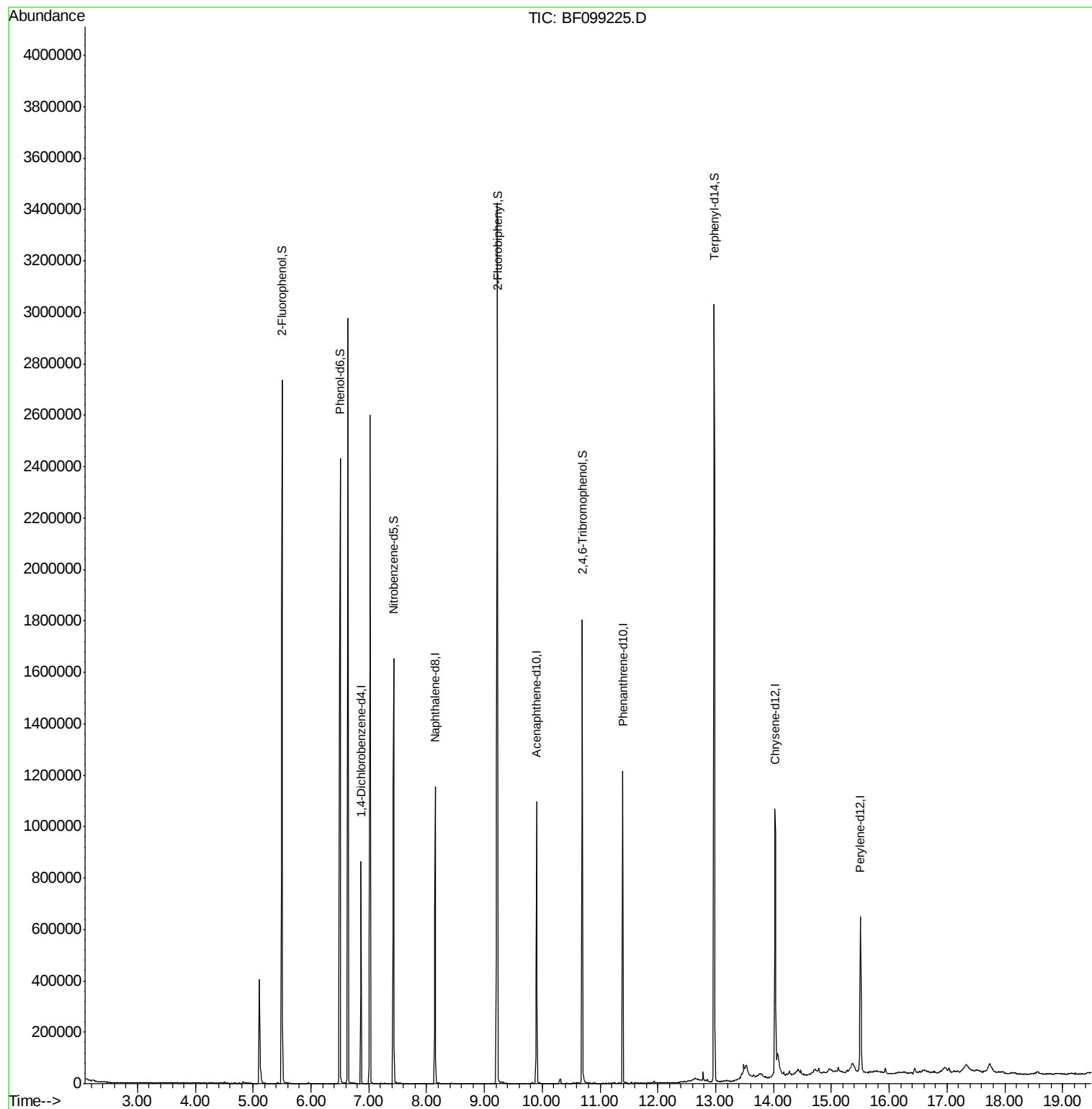
Target Compounds Qvalue

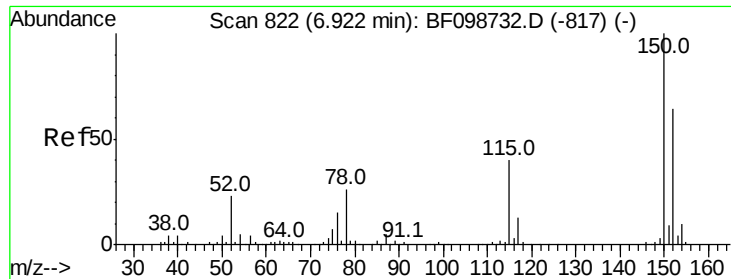
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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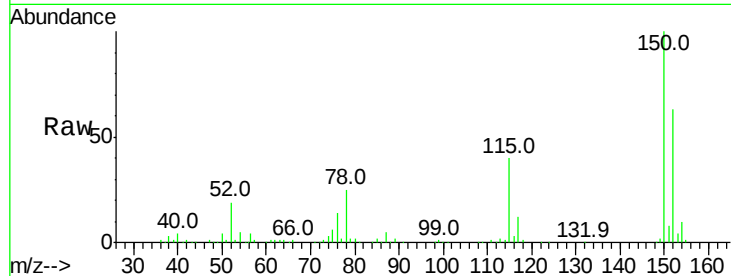


#1

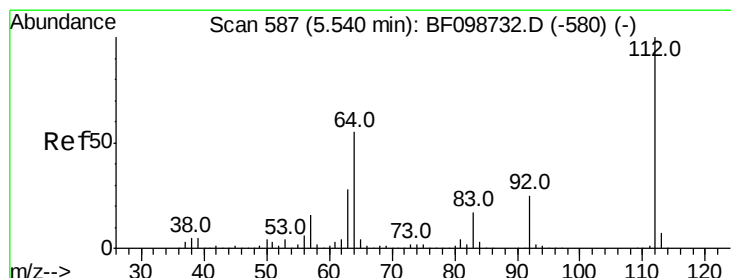
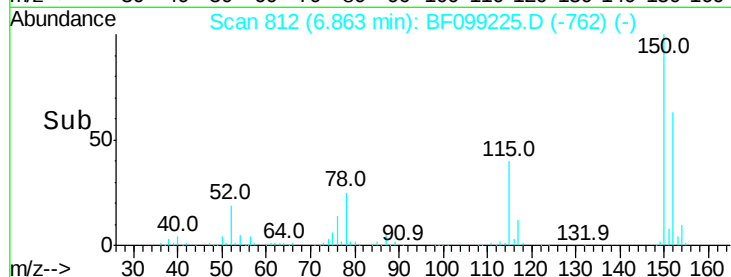
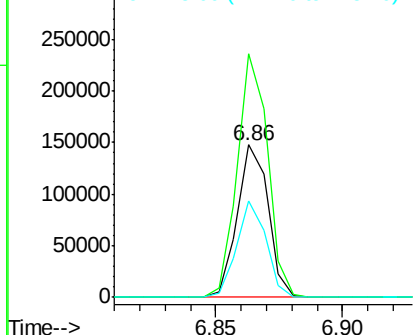
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099225.D
Acq: 8 Oct 2017 11:53

Instrument :
BNA_F
ClientSampleId :
PB103045BL

Tot Ion:152 Resp: 124780
Ion Ratio Lower Upper
152 100
150 159.6 124.6 186.8
115 63.0 50.1 75.1



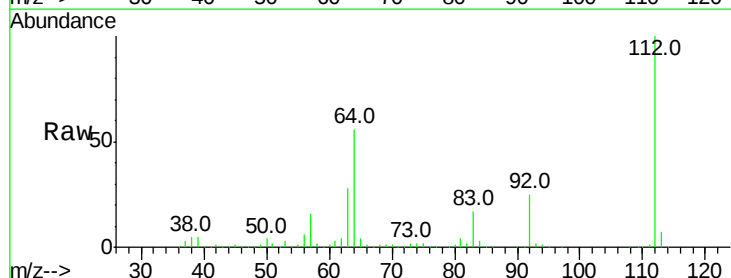
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



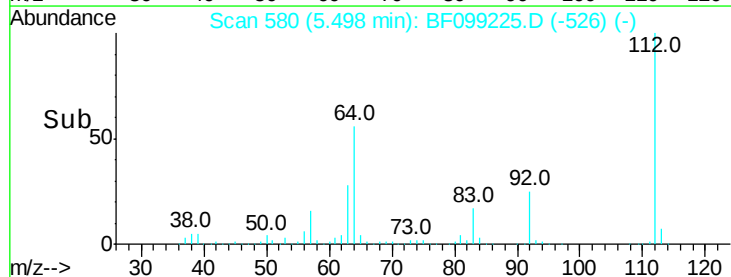
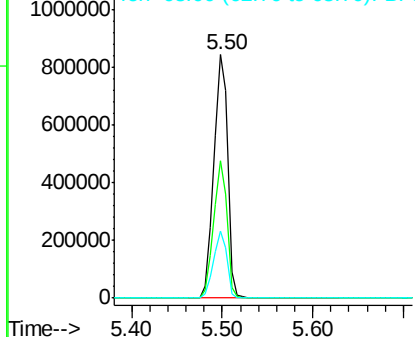
#5

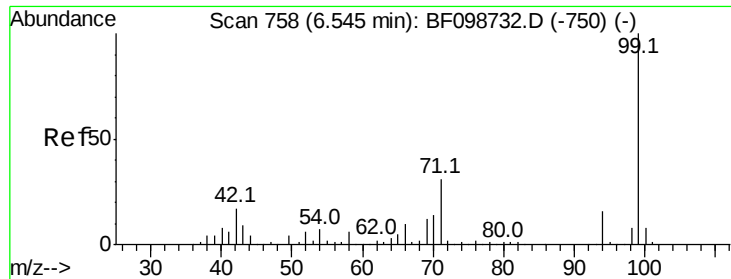
2-Fluorophenol
Concen: 114.265 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.02 min
Lab File: BF099225.D
Acq: 8 Oct 2017 11:53

Tgt Ion:112 Resp: 895656
Ion Ratio Lower Upper
112 100
64 56.2 47.9 71.9
63 27.6 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: 109.208 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF099225.D

Acq: 8 Oct 2017 11:53

Instrument :

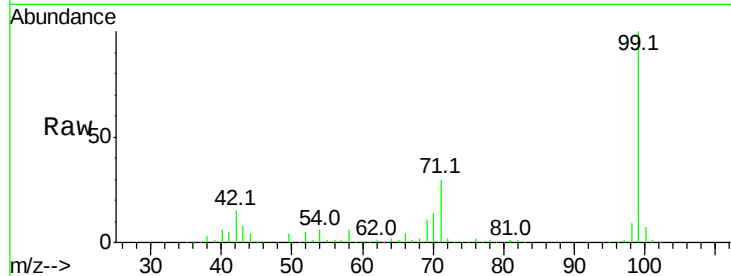
BNA_F

ClientSampleId :

PB103045BL

Tot Ion: 99 Resp: 1055997

Ion	Ratio	Lower	Upper
99	100		
42	15.1	14.5	21.7
71	29.7	25.4	38.0

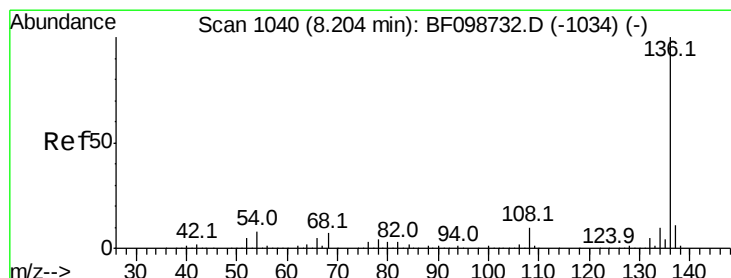
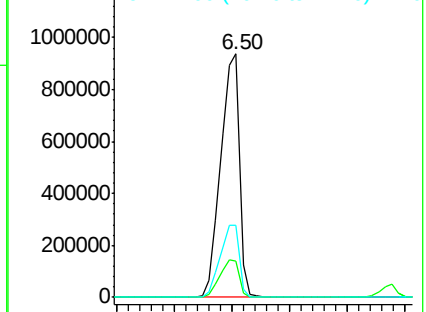
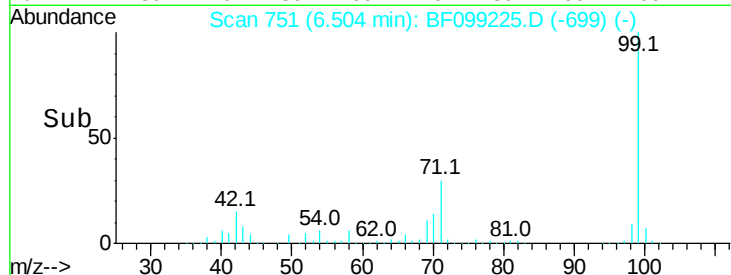


Abundance

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

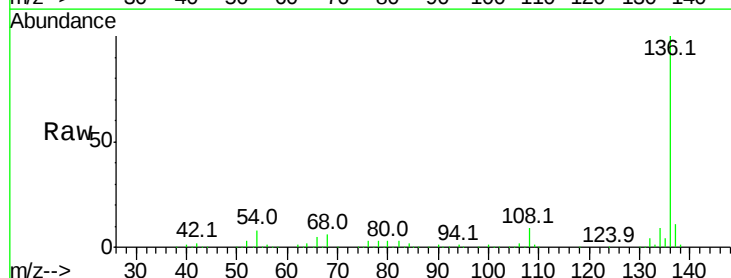
Delta R.T. -0.01 min

Lab File: BF099225.D

Acq: 8 Oct 2017 11:53

Tgt Ion: 136 Resp: 519782

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	7.5	6.6	9.8
68	6.1	5.0	7.4



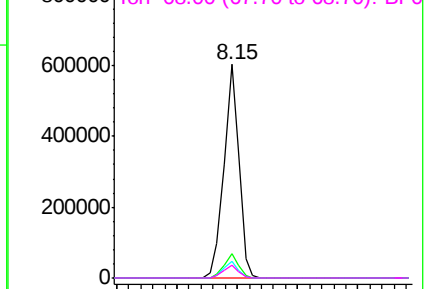
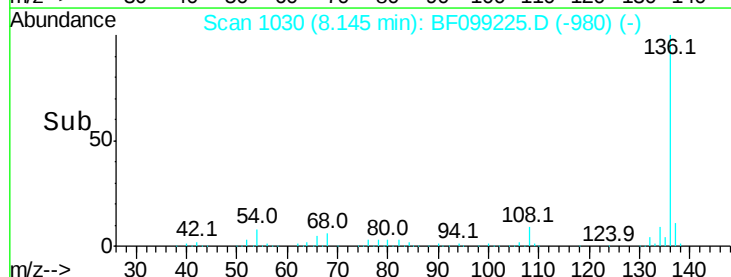
Abundance

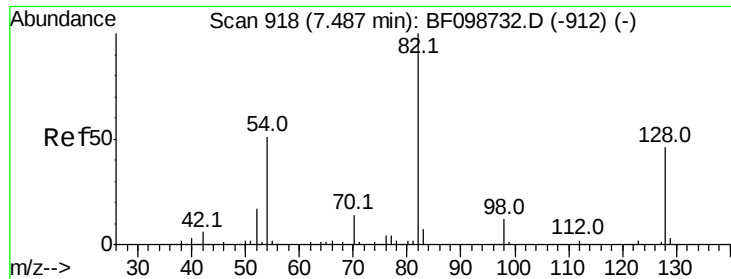
Ion 136.00 (135.70 to 136.70): E

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

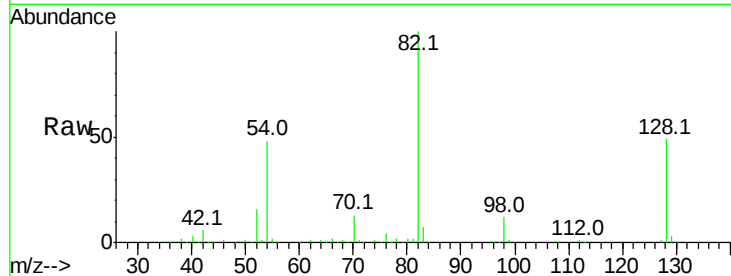




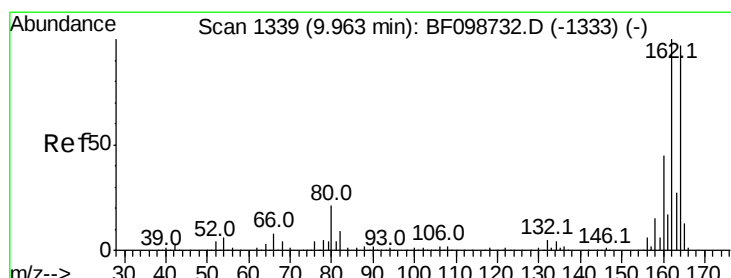
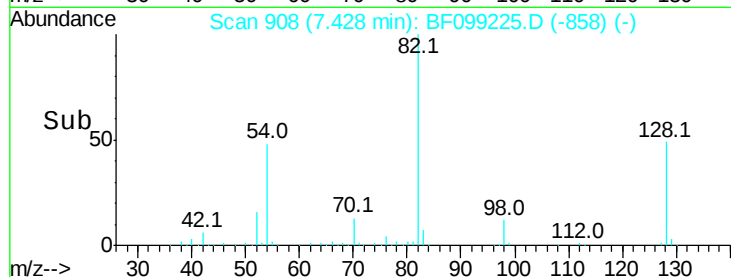
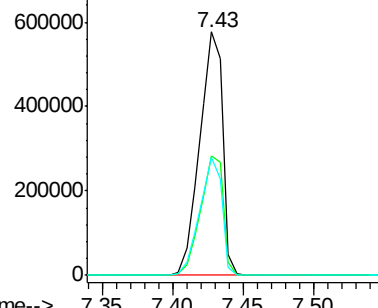
#23
 Nitrobenzene-d5
 Concen: 80.066 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF099225.D
 Acq: 8 Oct 2017 11:53

Instrument :
 BNA_F
 ClientSampleId :
 PB103045BL

Tot Ion	82	Resp	648947
Ion Ratio	100	Lower	Upper
128	48.9	36.1	54.1
54	48.3	41.4	62.2

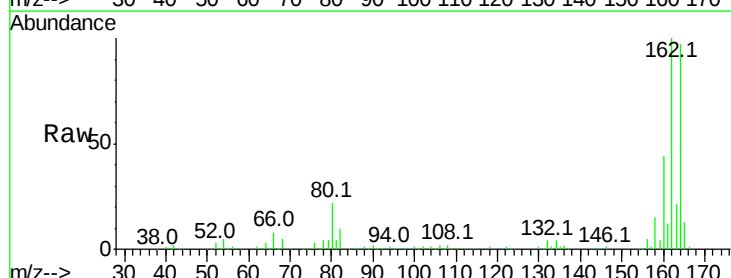


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

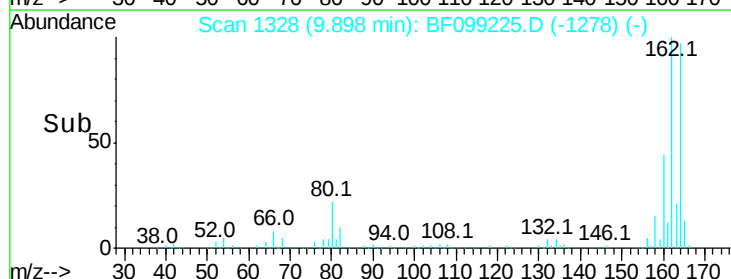
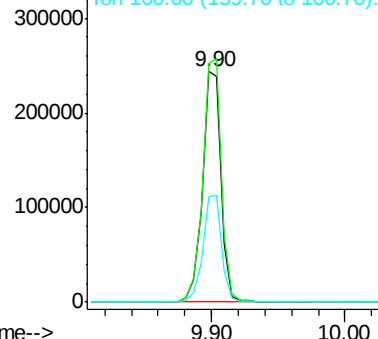


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF099225.D
 Acq: 8 Oct 2017 11:53

Tgt Ion	164	Resp	238949
Ion Ratio	100	Lower	Upper
162	103.4	86.1	129.1
160	45.8	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

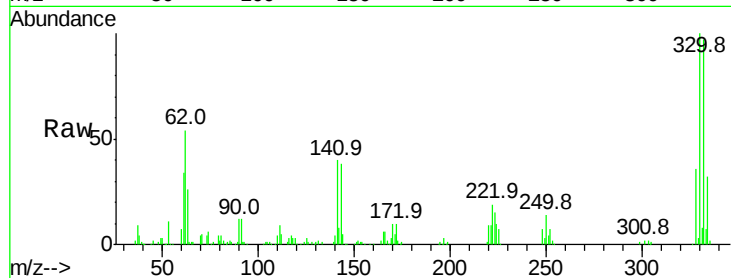




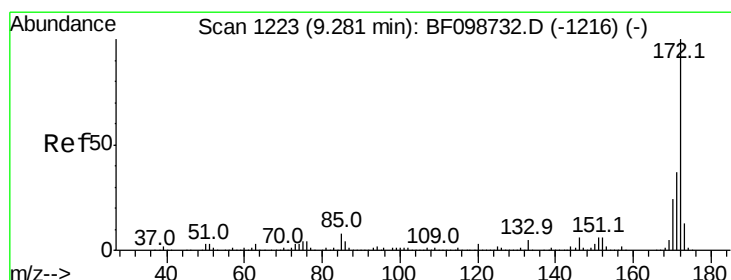
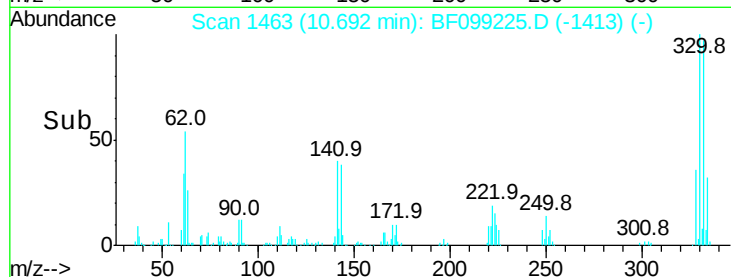
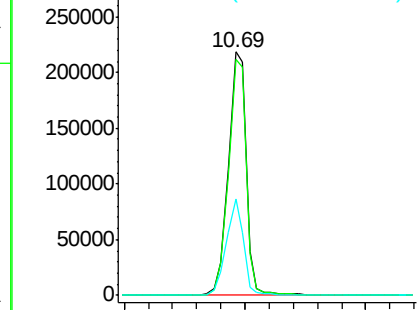
#41
 2,4,6-Tribromophenol
 Concen: 115.105 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: BF099225.D
 Acq: 8 Oct 2017 11:53

Instrument :
 BNA_F
 ClientSampleId :
 PB103045BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	38.0	29.9	44.9

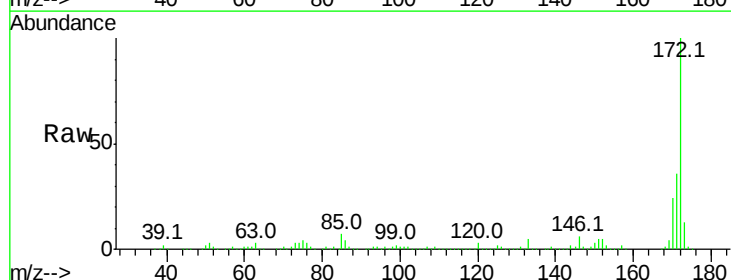


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

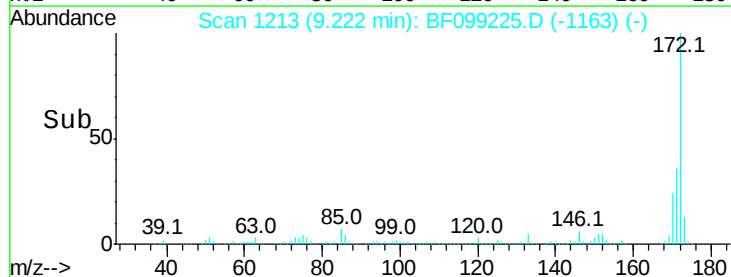
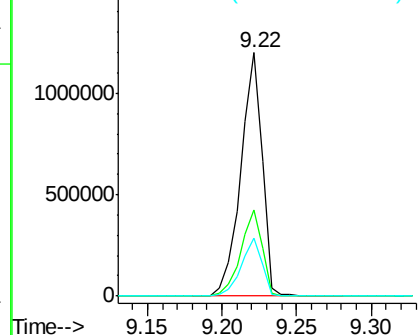


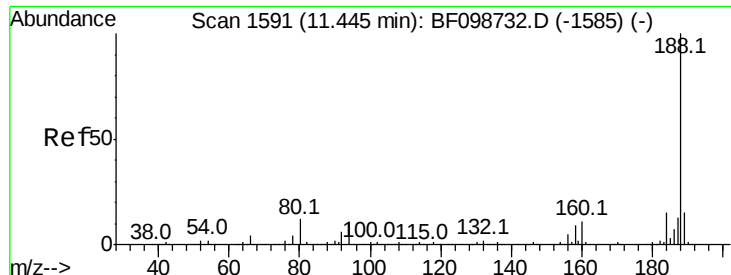
#44
 2-Fluorobiphenyl
 Concen: 84.307 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF099225.D
 Acq: 8 Oct 2017 11:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	24.0	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# 1582

Delta R.T. -0.00 min

Lab File: BF099225.D

Acq: 8 Oct 2017 11:53

Instrument :

BNA_F

ClientSampleId :

PB103045BL

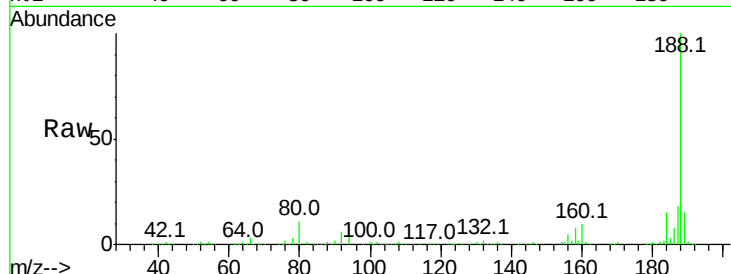
Tot Ion:188 Resp: 431357

Ion Ratio Lower Upper

188 100

94 10.3 8.5 12.7

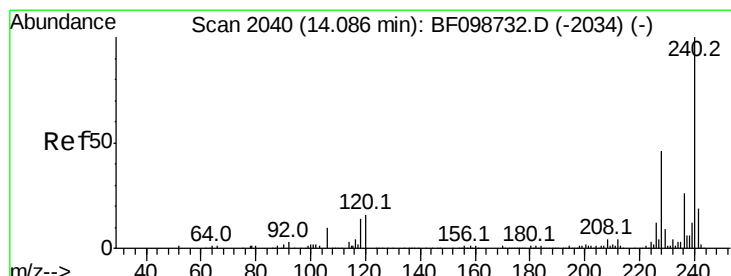
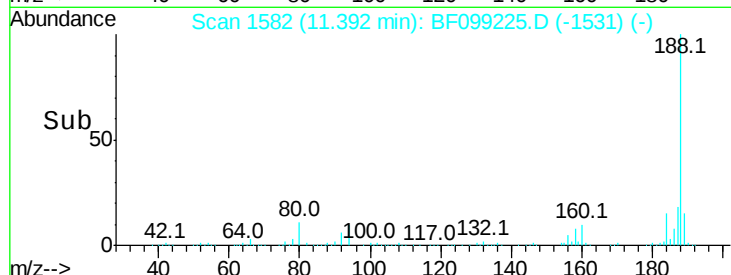
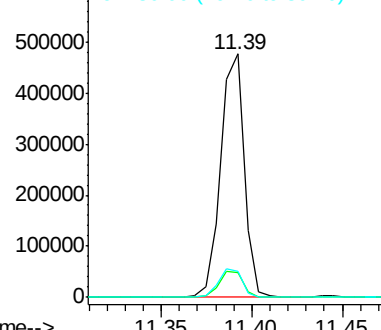
80 10.8 9.2 13.8



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: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF099225.D

Acq: 8 Oct 2017 11:53

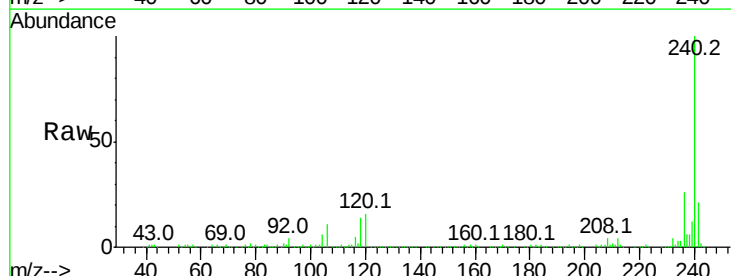
Tgt Ion:240 Resp: 337859

Ion Ratio Lower Upper

240 100

120 16.5 9.5 14.3#

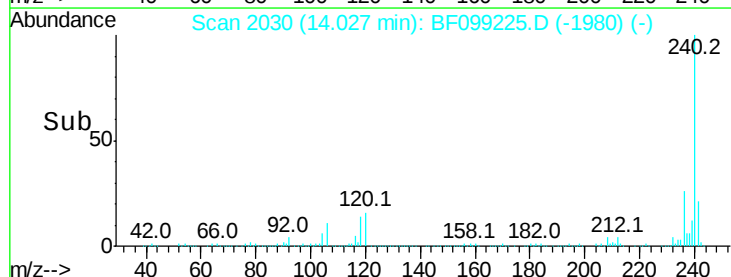
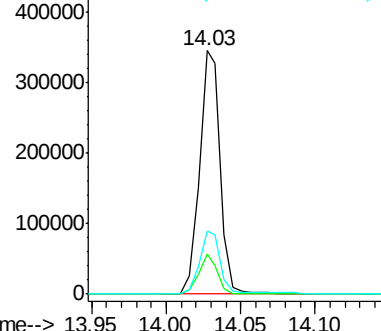
236 25.9 20.7 31.1

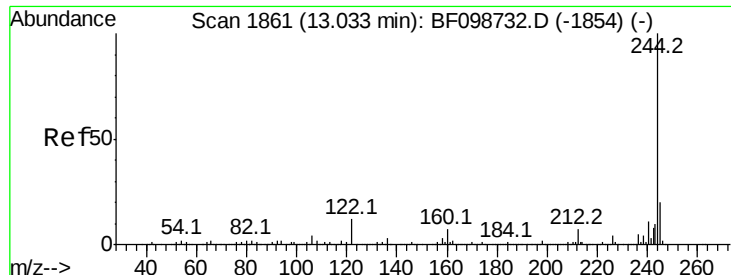


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 72.805 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.00 min

Lab File: BF099225.D

Acq: 8 Oct 2017 11:53

Instrument :

BNA_F

ClientSampleId :

PB103045BL

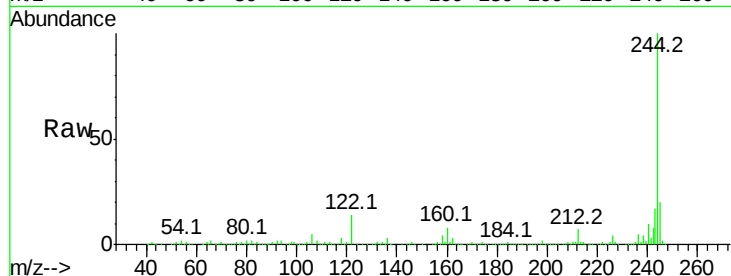
Tot Ion:244 Resp: 1081596

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

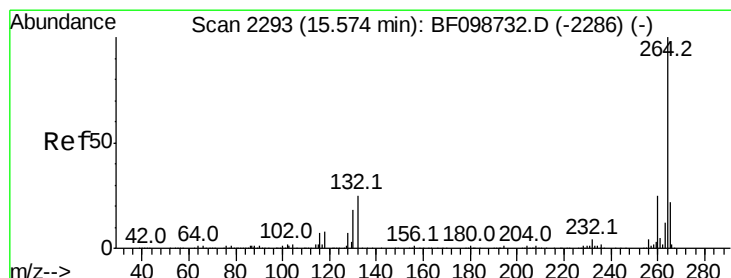
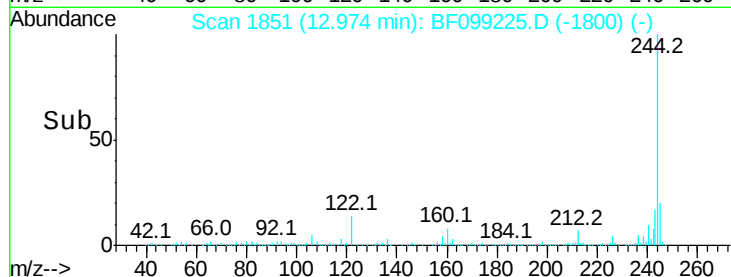
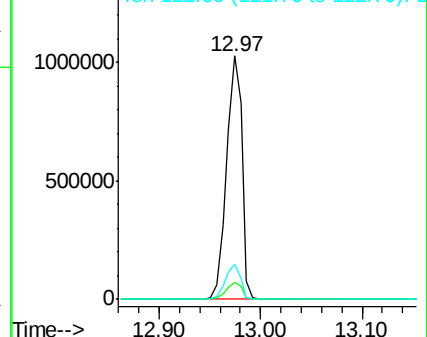
122 14.1 11.0 16.4



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# 2281

Delta R.T. -0.00 min

Lab File: BF099225.D

Acq: 8 Oct 2017 11:53

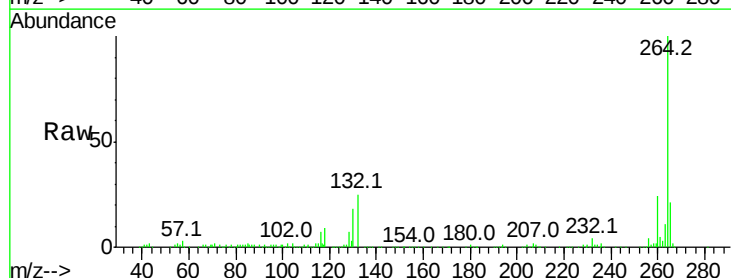
Tgt Ion:264 Resp: 261652

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 21.2 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

