

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100317\
 Data File : BF099025.D
 Acq On : 3 Oct 2017 12:21
 Operator : SJ/JU
 Sample : PB102810BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB102810BL

Quant Time: Oct 03 18:36:10 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 03 17:12:12 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	114801	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	487188	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	223993	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	415274	20.00	ng	0.00
75) Chrysene-d12	14.03	240	315011	20.00	ng	0.00
86) Perylene-d12	15.51	264	249864	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	824680	114.36	ng	0.01
7) Phenol-d6	6.50	99	991199	111.42	ng	0.00
23) Nitrobenzene-d5	7.43	82	600599	79.06	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	210217	114.69	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1125019	83.85	ng	0.00
78) Terphenyl-d14	12.98	244	1039508	75.05	ng	0.00

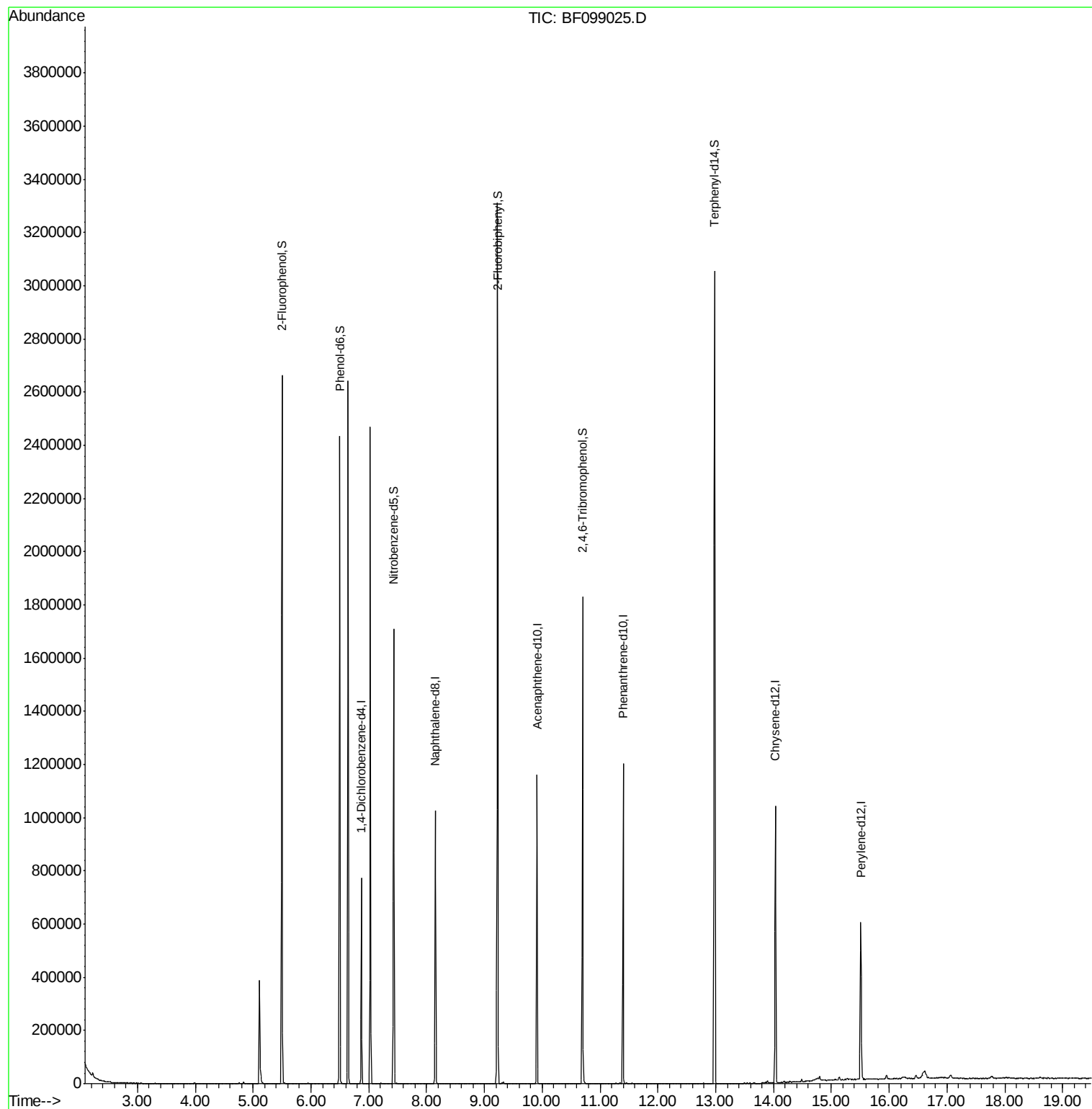
Target Compounds Qvalue

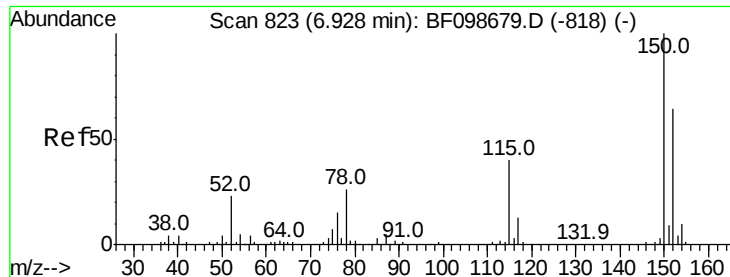
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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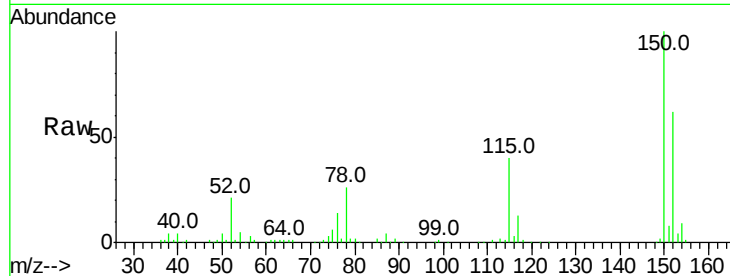


#1

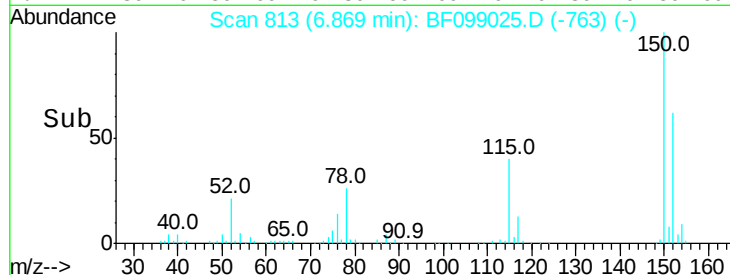
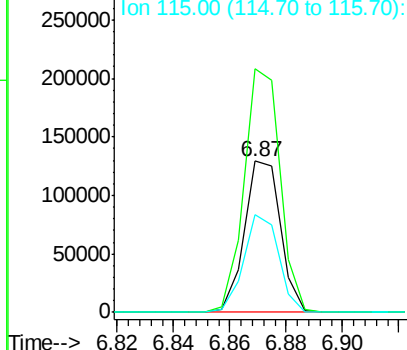
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF099025.D
Acq: 3 Oct 2017 12:21

Instrument :
BNA_F
ClientSampleId :
PB102810BL

Tot Ion:152 Resp: 114801
Ion Ratio Lower Upper
152 100
150 161.1 124.6 186.8
115 64.8 50.1 75.1



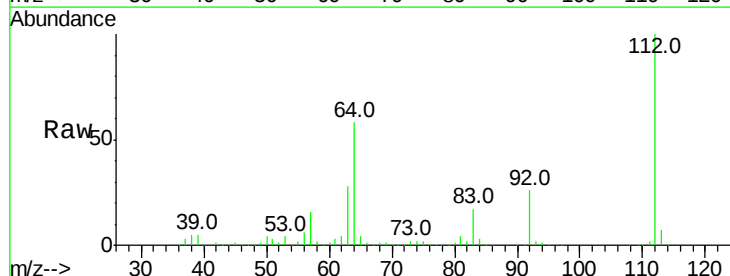
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



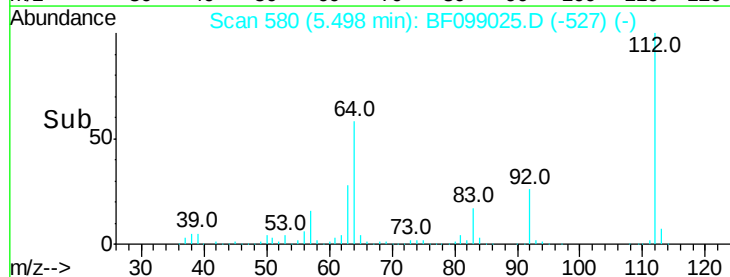
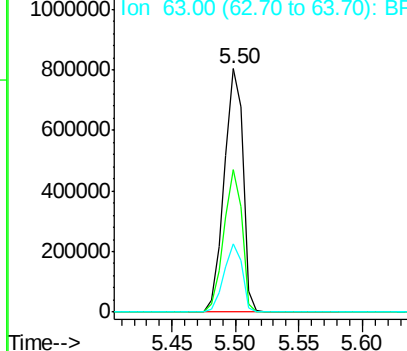
#5

2-Fluorophenol
Concen: 114.355 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF099025.D
Acq: 3 Oct 2017 12:21

Tgt Ion:112 Resp: 824680
Ion Ratio Lower Upper
112 100
64 58.5 47.9 71.9
63 27.9 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: 111.417 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF099025.D

Acq: 3 Oct 2017 12:21

Instrument :

BNA_F

ClientSampleId :

PB102810BL

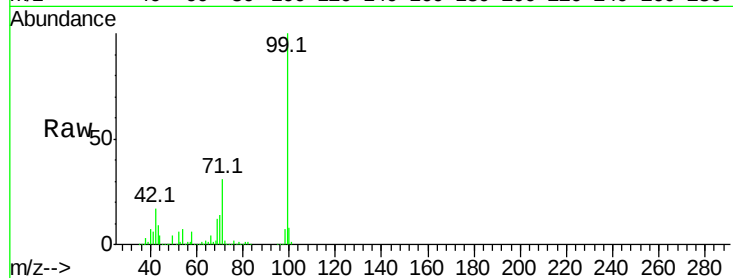
Tot Ion: 99 Resp: 991199

Ion Ratio Lower Upper

99 100

42 16.6 14.5 21.7

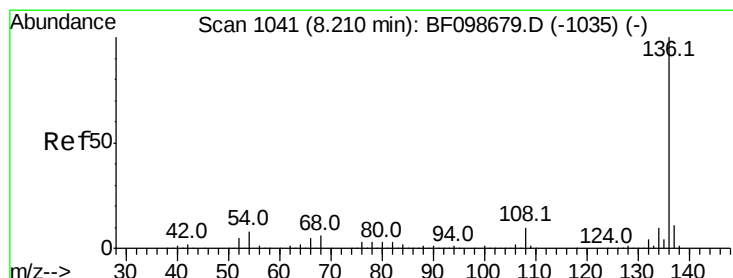
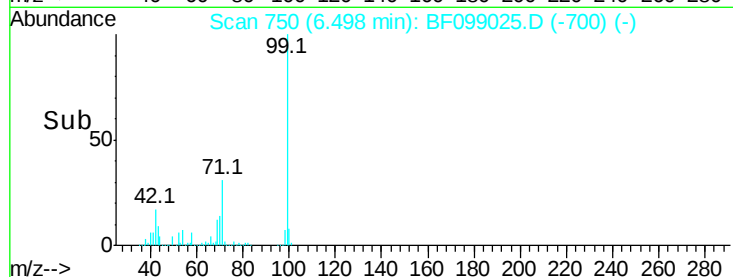
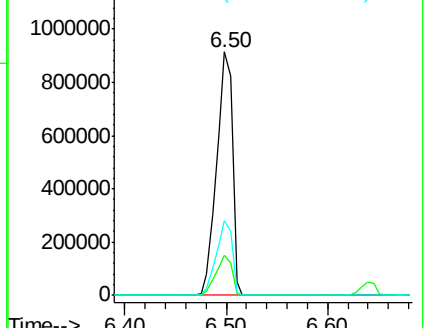
71 30.8 25.4 38.0



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# 1031

Delta R.T. -0.01 min

Lab File: BF099025.D

Acq: 3 Oct 2017 12:21

Tgt Ion: 136 Resp: 487188

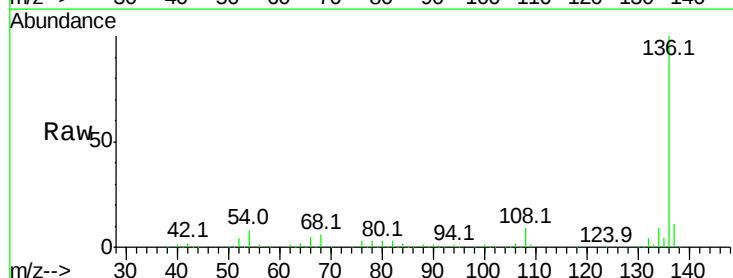
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.9 6.6 9.8

68 6.1 5.0 7.4

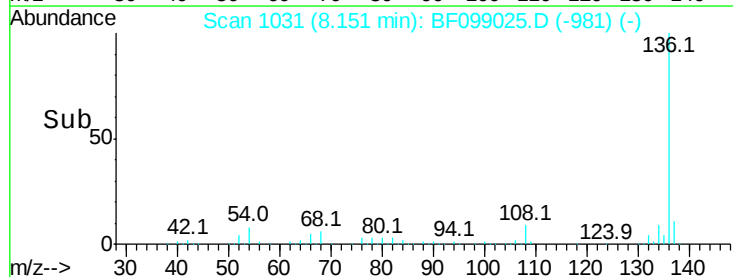
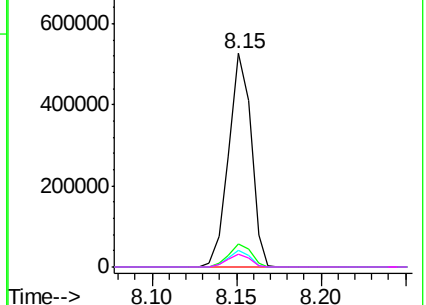


Abundance Ion 136.00 (135.70 to 136.70): E

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

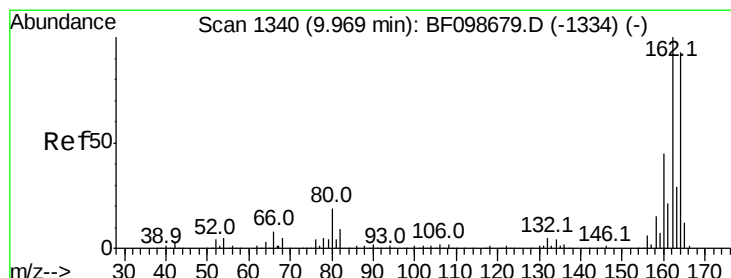
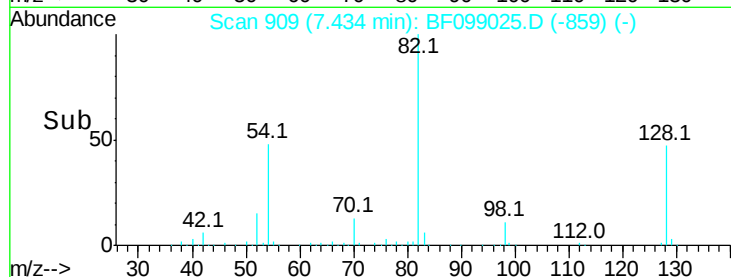
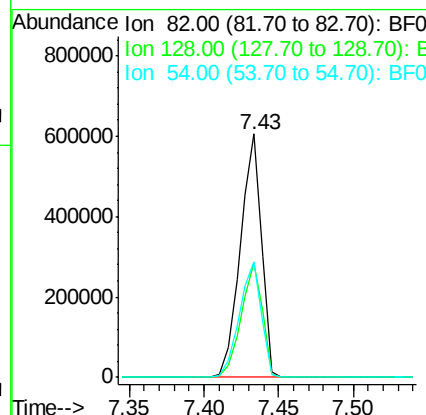
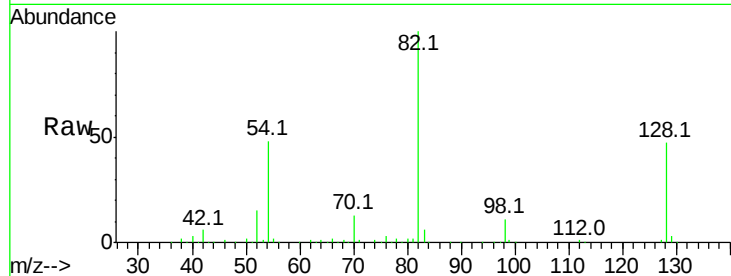




#23
 Nitrobenzene-d5
 Concen: 79.059 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF099025.D
 Acq: 3 Oct 2017 12:21

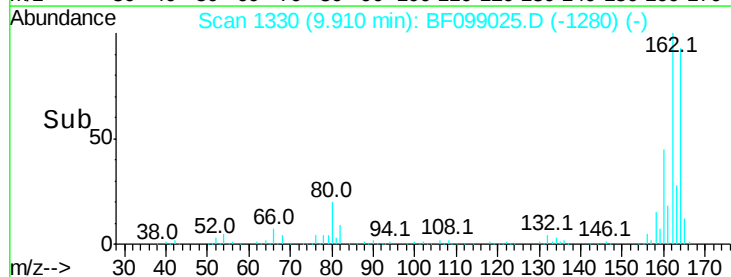
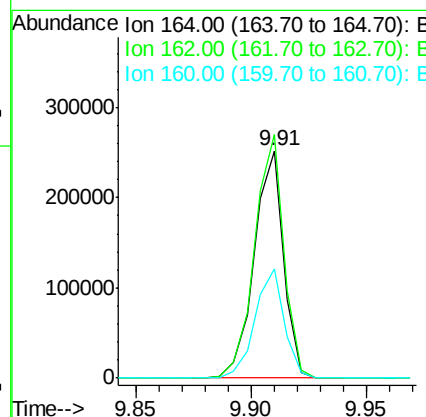
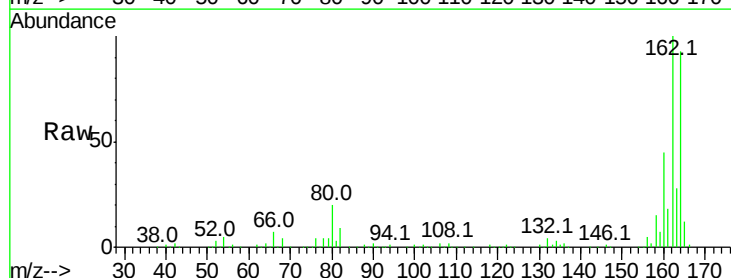
Instrument :
 BNA_F
 ClientSampleId :
 PB102810BL

Tot Ion	82	Resp	600599
Ion Ratio	100		
Lower	36.1		
Upper	54.1		
54	47.6	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF099025.D
 Acq: 3 Oct 2017 12:21

Tgt Ion	164	Resp	223993
Ion Ratio	100		
Lower	86.1		
Upper	129.1		
162	107.0	38.3	57.5
160	47.8		

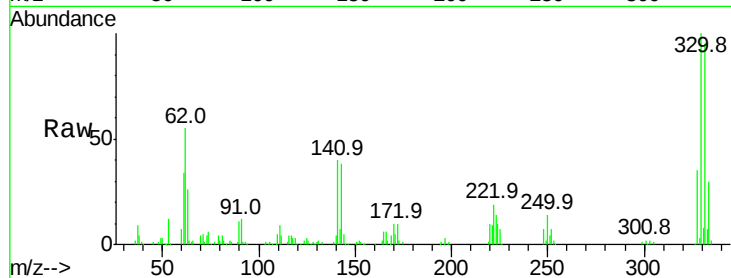




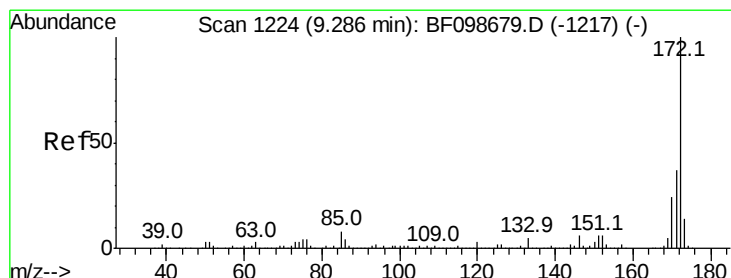
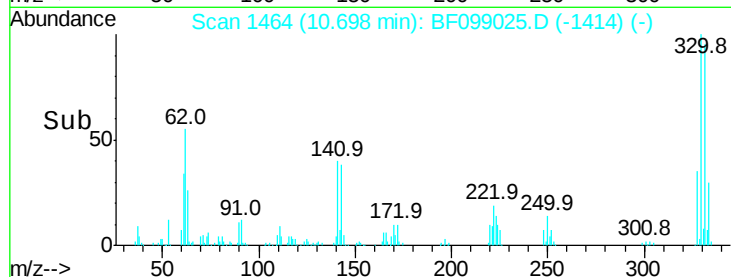
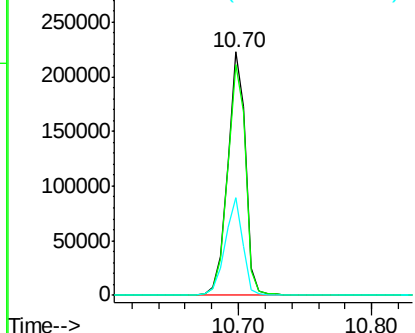
#41
 2,4,6-Tribromophenol
 Concen: 114.693 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: BF099025.D
 Acq: 3 Oct 2017 12:21

Instrument :
 BNA_F
 ClientSampleId :
 PB102810BL

Tot Ion:330 Resp: 210217
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.0 115.6
 141 39.8 29.9 44.9

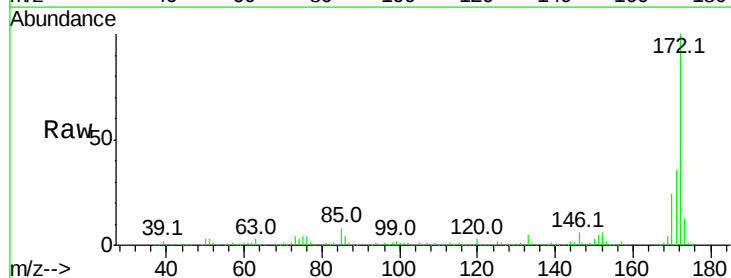


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

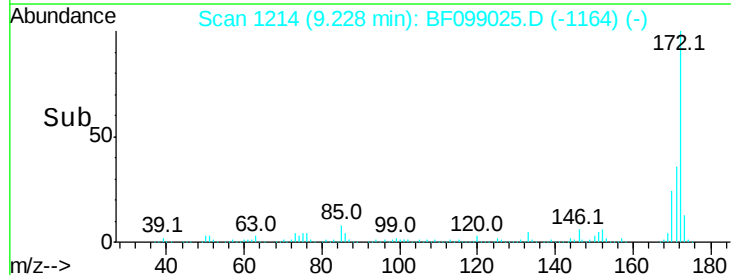
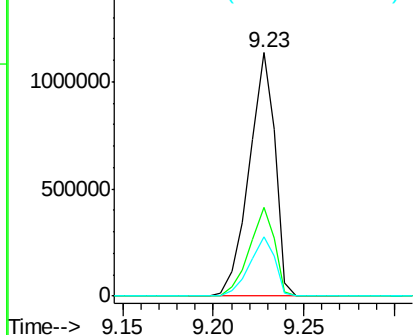


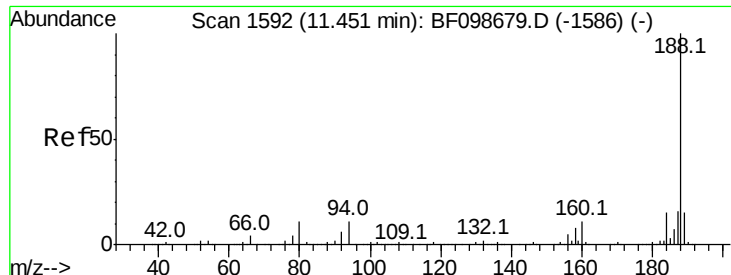
#44
 2-Fluorobiphenyl
 Concen: 83.848 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF099025.D
 Acq: 3 Oct 2017 12:21

Tgt Ion:172 Resp: 1125019
 Ion Ratio Lower Upper
 172 100
 171 36.3 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

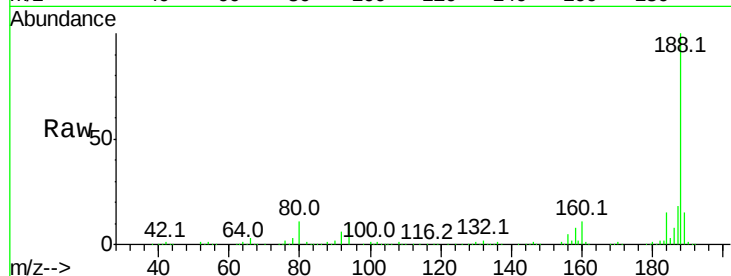




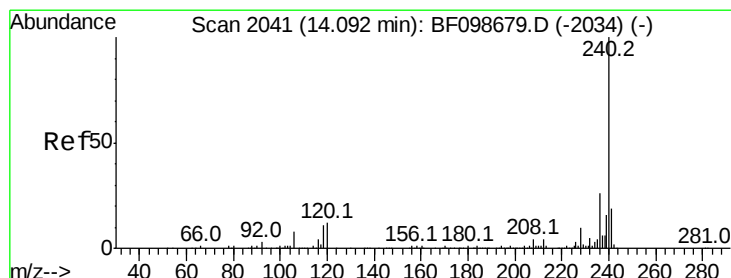
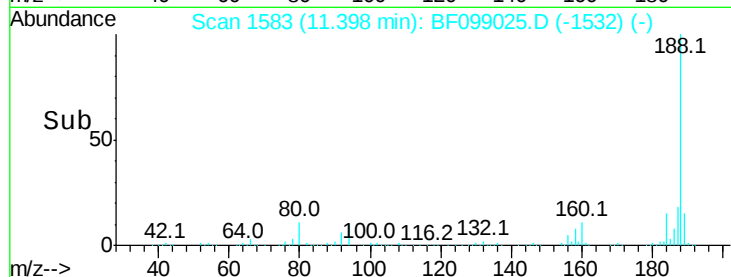
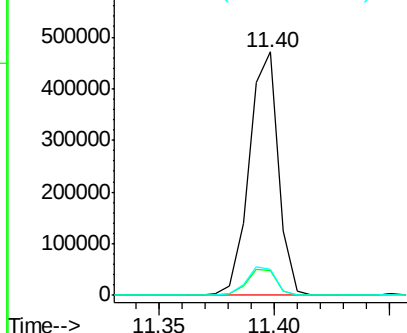
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BF099025.D
Acq: 3 Oct 2017 12:21

Instrument :
BNA_F
ClientSampleId :
PB102810BL

Tot Ion:188 Resp: 415274
Ion Ratio Lower Upper
188 100
94 10.2 8.5 12.7
80 10.5 9.2 13.8

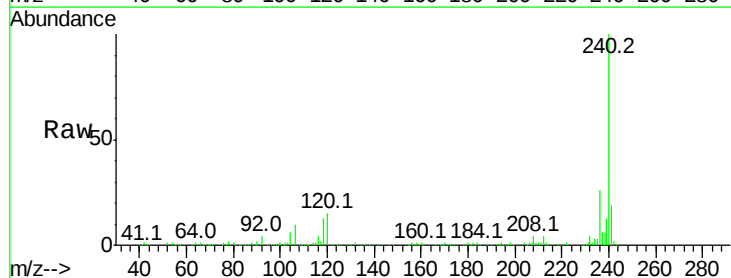


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

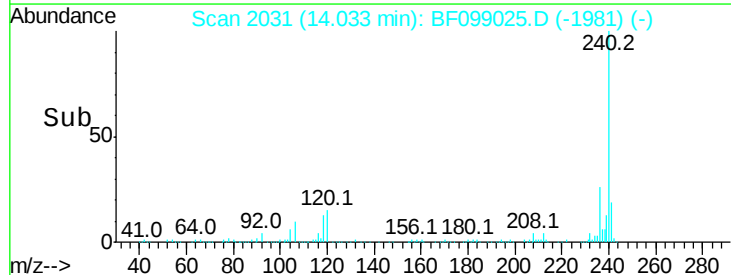
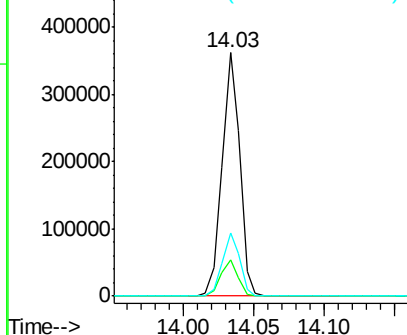


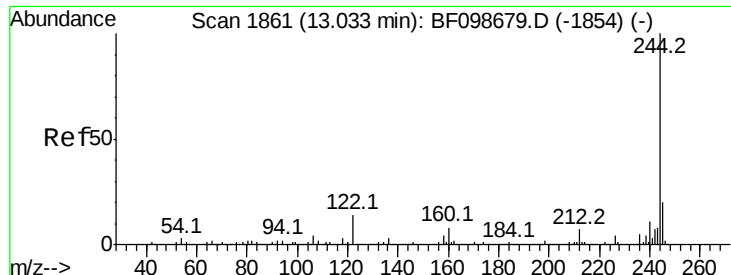
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF099025.D
Acq: 3 Oct 2017 12:21

Tgt Ion:240 Resp: 315011
Ion Ratio Lower Upper
240 100
120 14.9 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: 75.047 ng

RT: 12.98 min Scan# 1852

Delta R.T. 0.00 min

Lab File: BF099025.D

Acq: 3 Oct 2017 12:21

Instrument :

BNA_F

ClientSampleId :

PB102810BL

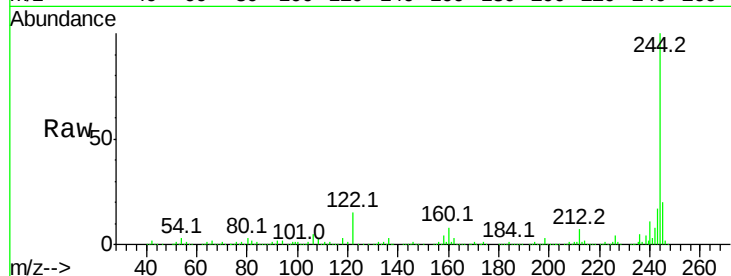
Tot Ion:244 Resp: 1039508

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

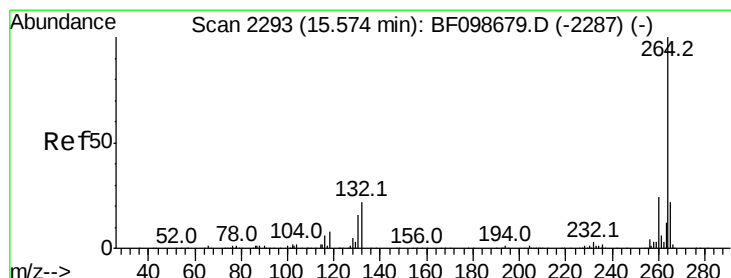
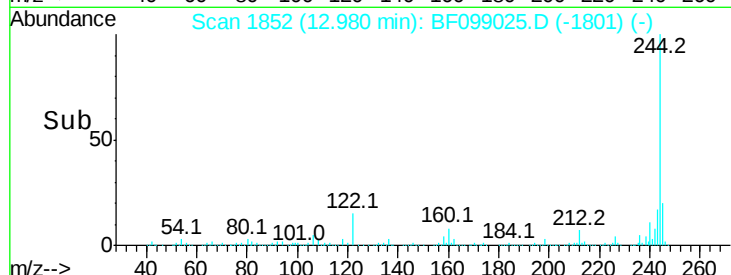
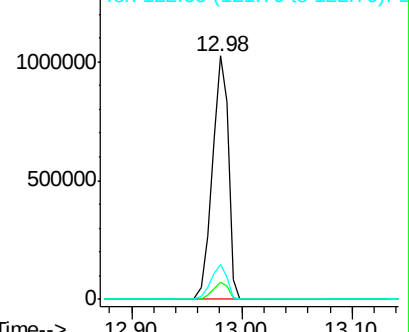
122 14.6 11.0 16.4



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: 15.51 min Scan# 2282

Delta R.T. -0.01 min

Lab File: BF099025.D

Acq: 3 Oct 2017 12:21

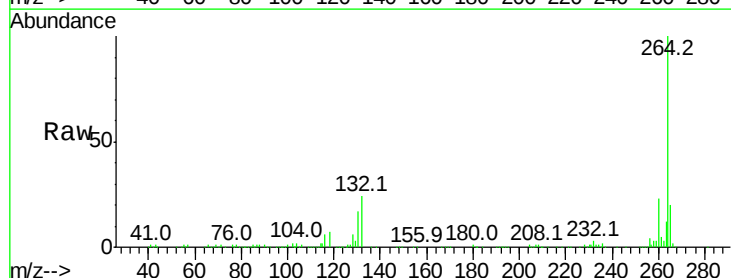
Tgt Ion:264 Resp: 249864

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

265 20.2 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

