

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100817\
 Data File : BF099226.D
 Acq On : 8 Oct 2017 12:20
 Operator : SJ/JU
 Sample : PB103045TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB103045TB

Quant Time: Oct 09 01:33:04 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	134075	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	561340	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	254350	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	467708	20.00	ng	0.00
75) Chrysene-d12	14.03	240	374823	20.00	ng	0.00
86) Perylene-d12	15.51	264	293046	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	929806	110.40	ng	0.02
7) Phenol-d6	6.50	99	1111997	107.03	ng	0.00
23) Nitrobenzene-d5	7.43	82	680525	77.75	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	242569	116.55	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1253802	82.29	ng	0.00
78) Terphenyl-d14	12.97	244	1151055	69.84	ng	0.00

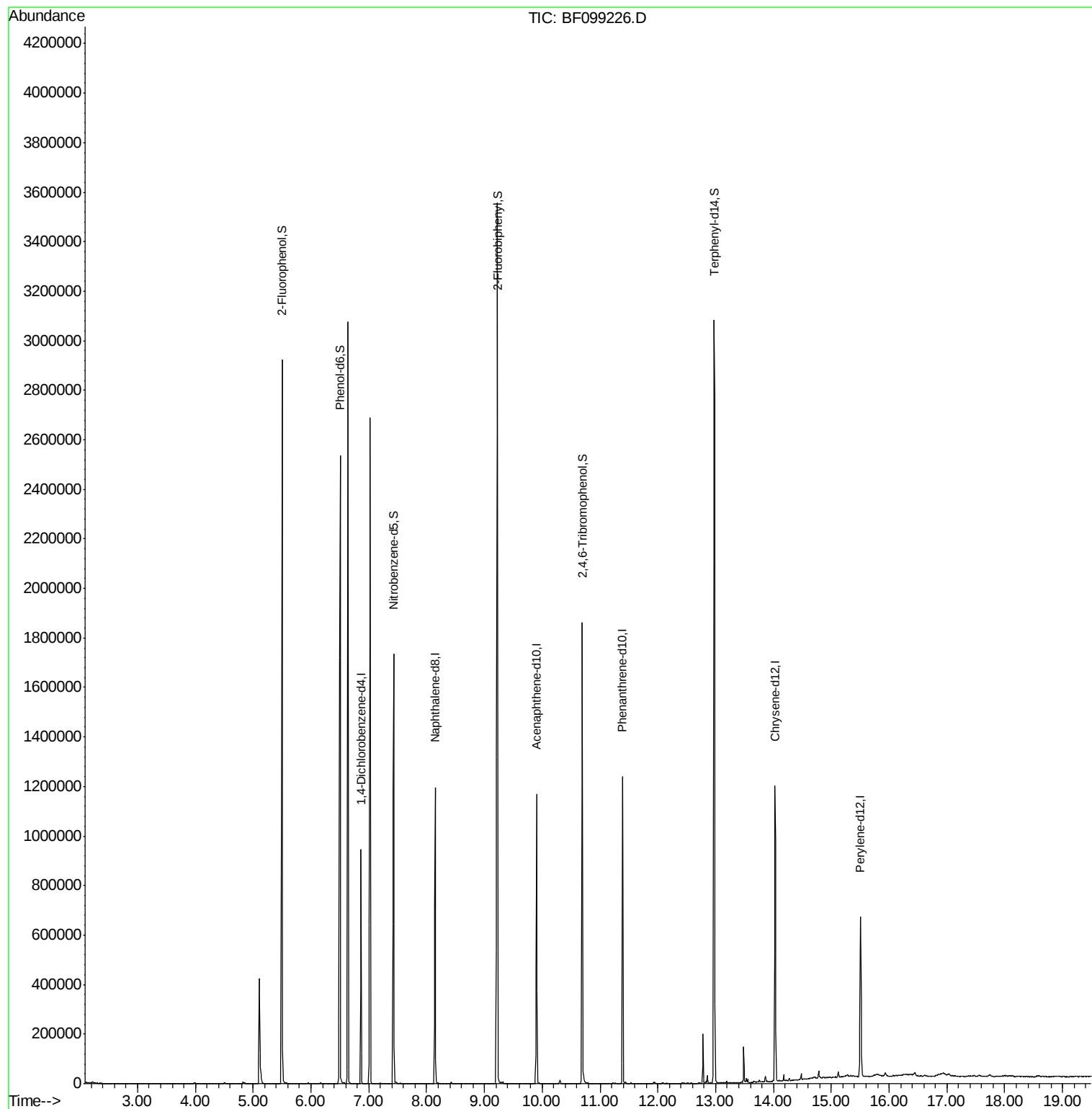
Target Compounds Qvalue

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100817\
Data File : BF099226.D
Acq On : 8 Oct 2017 12:20
Operator : SJ/JU
Sample : PB103045TB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB103045TB

Quant Time: Oct 09 01:33:04 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



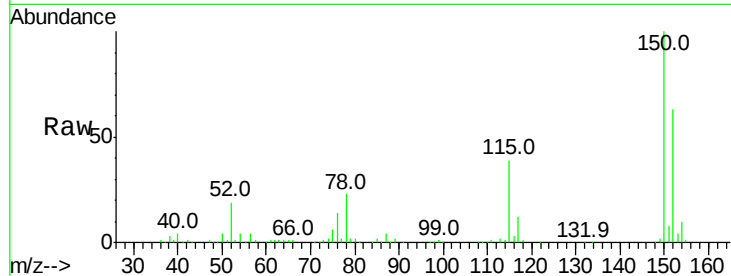


#1

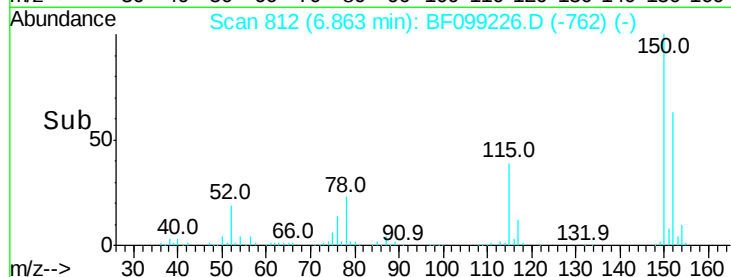
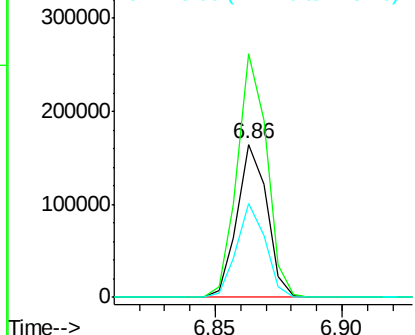
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099226.D
Acq: 8 Oct 2017 12:20

Instrument :
BNA_F
ClientSampleId :
PB103045TB

Tot Ion:152 Resp: 134075
Ion Ratio Lower Upper
152 100
150 159.2 124.6 186.8
115 61.7 50.1 75.1



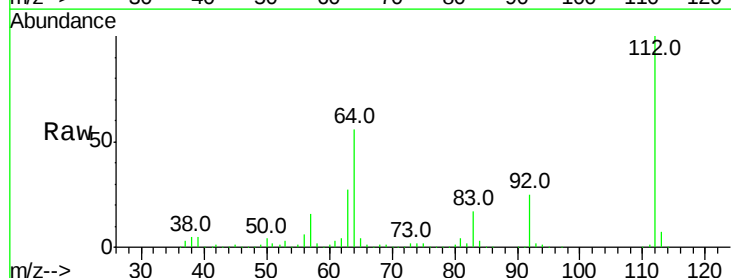
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



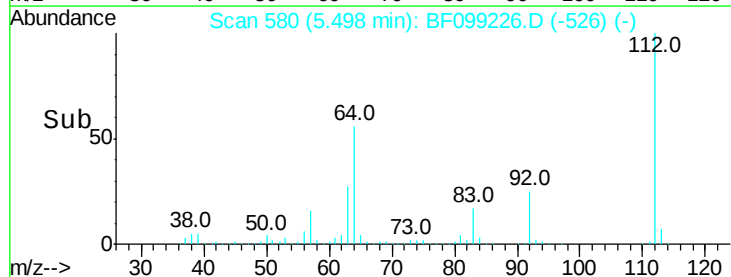
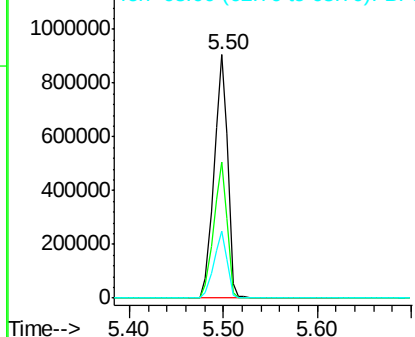
#5

2-Fluorophenol
Concen: 110.398 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.02 min
Lab File: BF099226.D
Acq: 8 Oct 2017 12:20

Tgt Ion:112 Resp: 929806
Ion Ratio Lower Upper
112 100
64 55.9 47.9 71.9
63 27.3 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: 107.027 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF099226.D

Acq: 8 Oct 2017 12:20

Instrument :

BNA_F

ClientSampleId :

PB103045TB

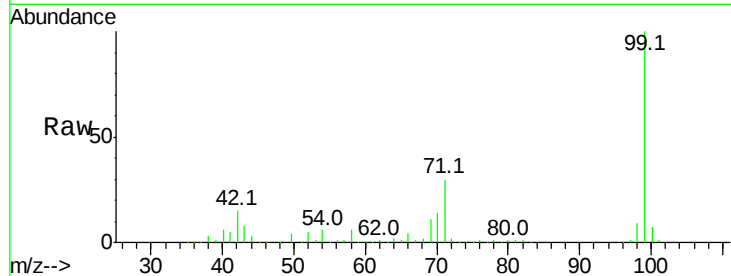
Tot Ion: 99 Resp: 1111997

Ion	Ratio	Lower	Upper
99	100		
42	14.7	14.5	21.7
71	30.2	25.4	38.0

99 100

42 14.7 14.5 21.7

71 30.2 25.4 38.0

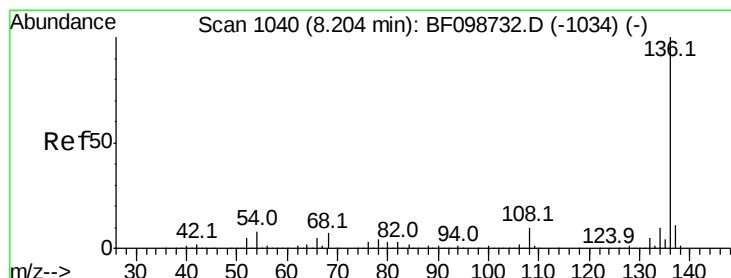
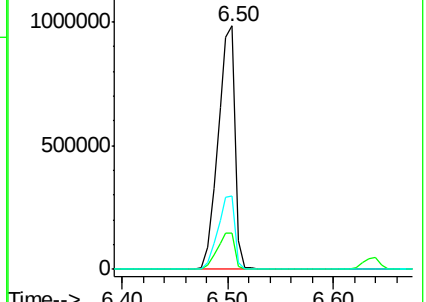
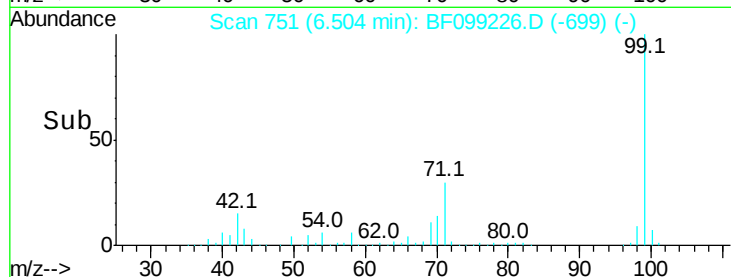


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF099226.D

Acq: 8 Oct 2017 12:20

Tgt Ion: 136 Resp: 561340

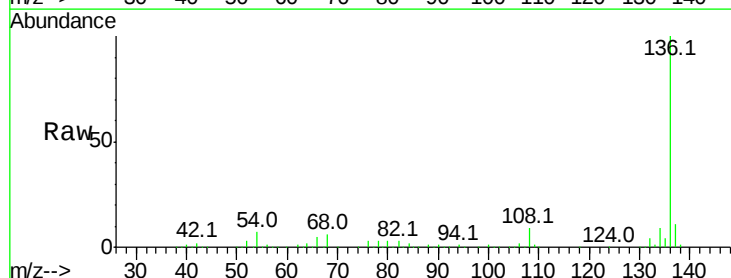
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.4	6.6	9.8
68	6.0	5.0	7.4

136 100

137 11.0 8.9 13.3

54 7.4 6.6 9.8

68 6.0 5.0 7.4



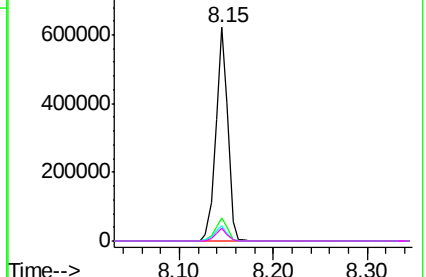
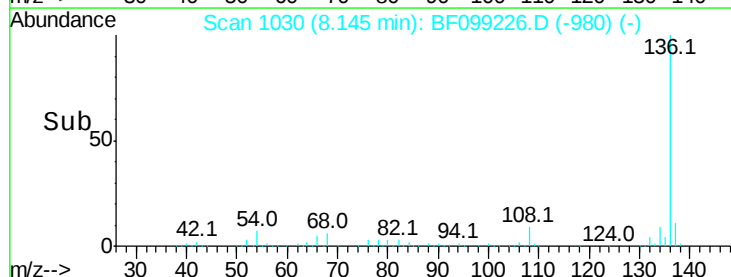
Abundance Ion 136.00 (135.70 to 136.70): E

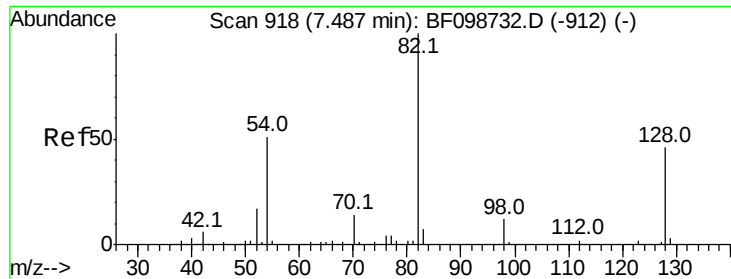
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

Time-->

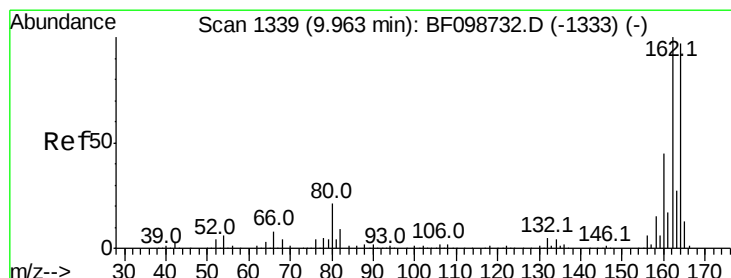
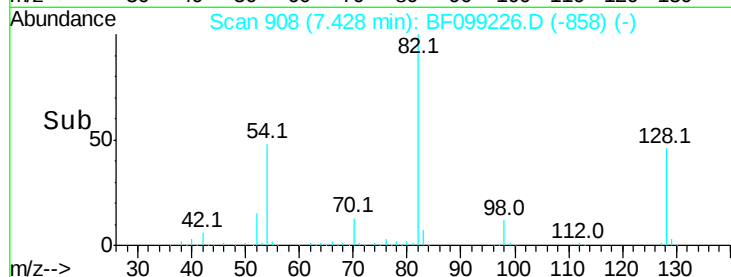
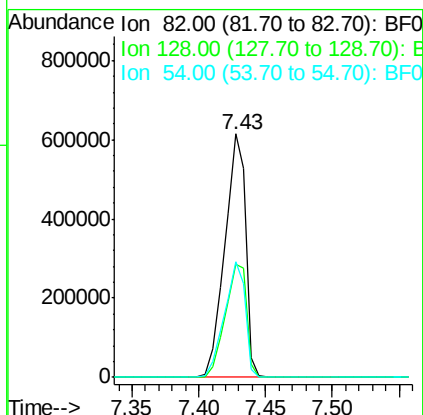
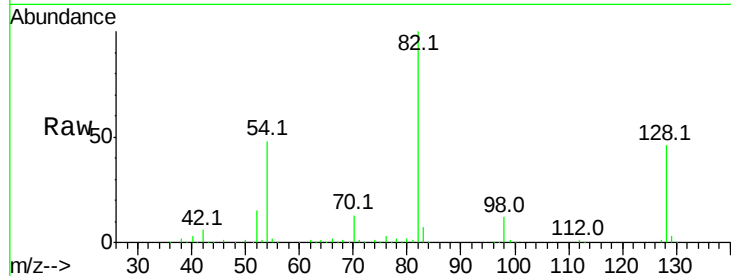




#23
 Nitrobenzene-d5
 Concen: 77.746 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF099226.D
 Acq: 8 Oct 2017 12:20

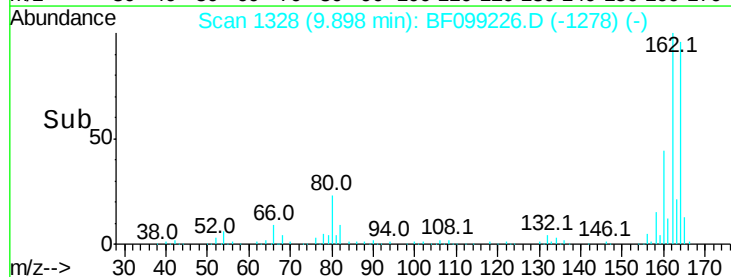
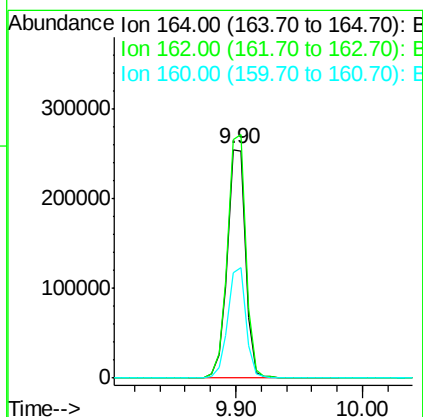
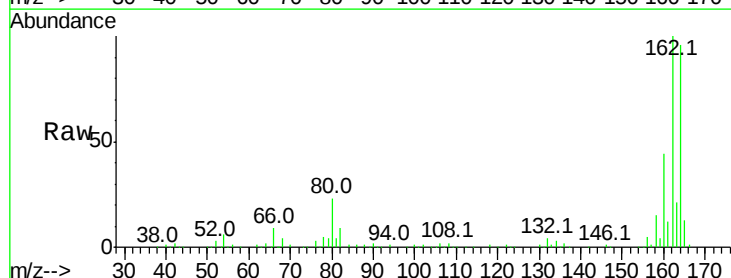
Instrument :
 BNA_F
 ClientSampleId :
 PB103045TB

Tot Ion	82	Resp	680525
Ion Ratio	100	Lower	Upper
128	46.2	36.1	54.1
54	47.7	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF099226.D
 Acq: 8 Oct 2017 12:20

Tgt Ion	164	Resp	254350
Ion Ratio	100	Lower	Upper
162	104.0	86.1	129.1
160	45.8	38.3	57.5

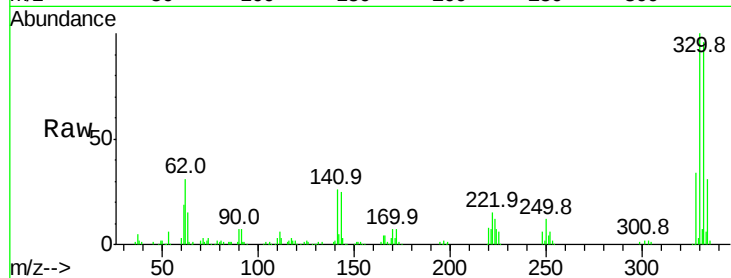




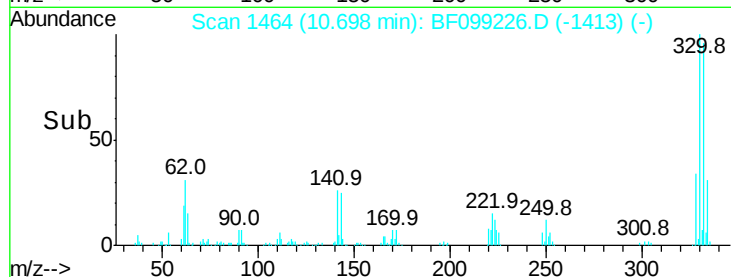
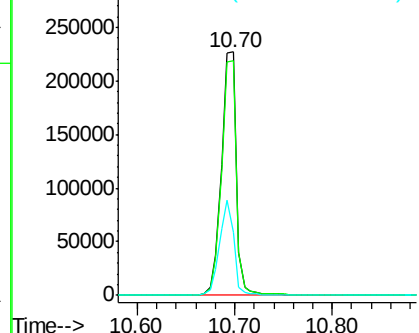
#41
 2,4,6-Tribromophenol
 Concen: 116.548 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. 0.00 min
 Lab File: BF099226.D
 Acq: 8 Oct 2017 12:20

Instrument :
 BNA_F
 ClientSampleId :
 PB103045TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	37.4	29.9	44.9

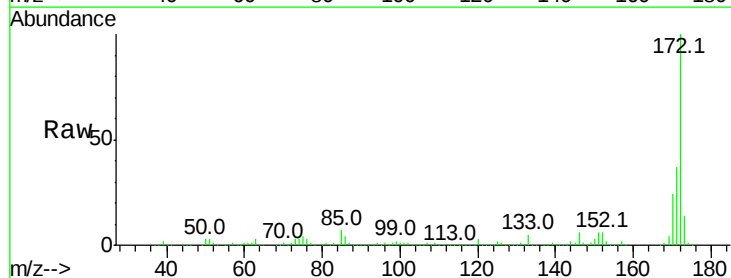


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

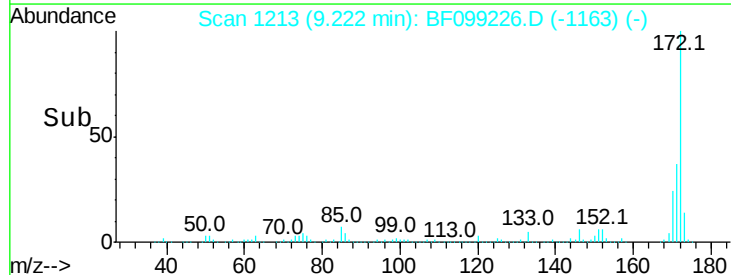
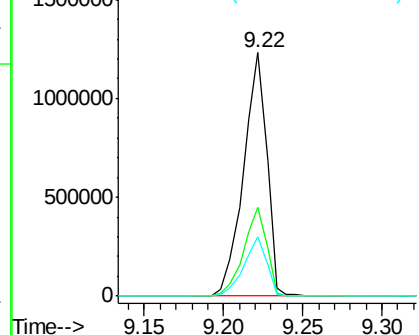


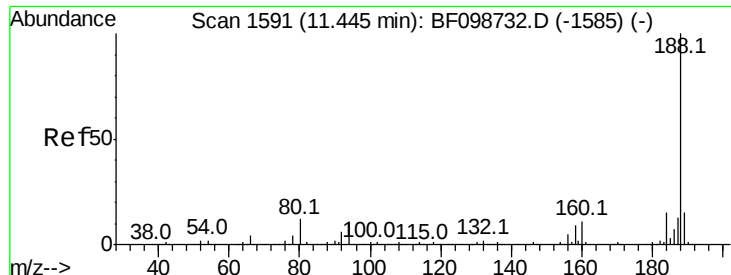
#44
 2-Fluorobiphenyl
 Concen: 82.293 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF099226.D
 Acq: 8 Oct 2017 12:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	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

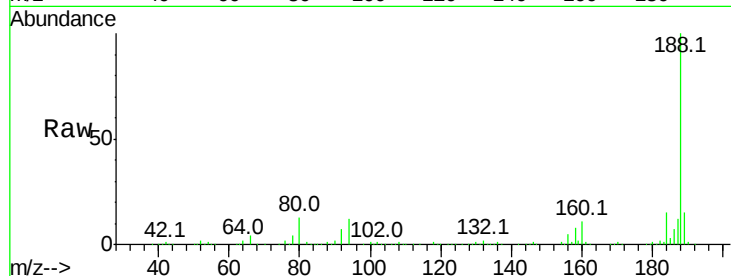




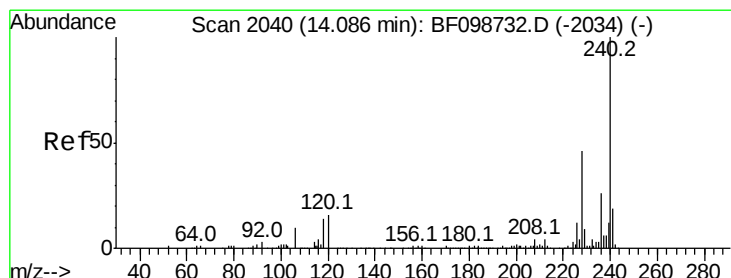
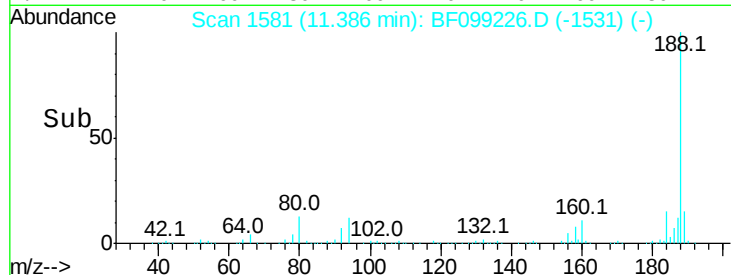
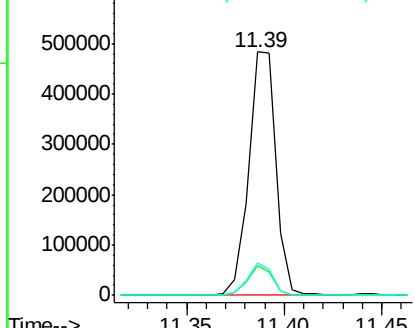
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF099226.D
Acq: 8 Oct 2017 12:20

Instrument :
BNA_F
ClientSampleId :
PB103045TB

Tot Ion:188 Resp: 467708
Ion Ratio Lower Upper
188 100
94 12.2 8.5 12.7
80 13.1 9.2 13.8

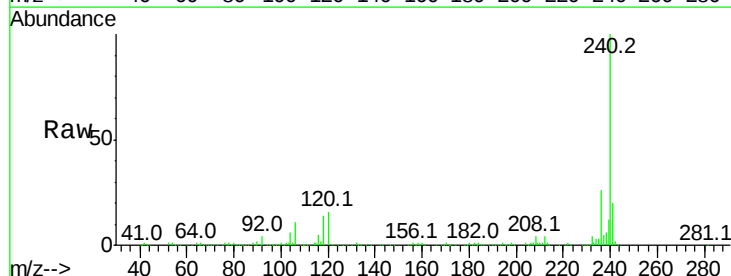


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

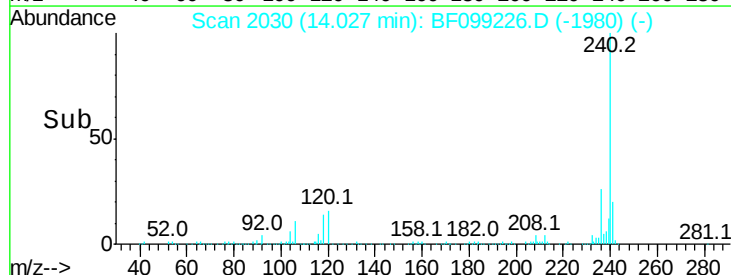
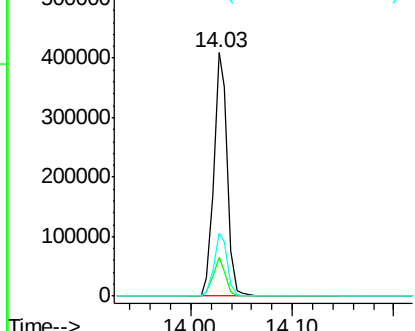


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF099226.D
Acq: 8 Oct 2017 12:20

Tgt Ion:240 Resp: 374823
Ion Ratio Lower Upper
240 100
120 16.1 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: 69.839 ng

RT: 12.97 min Scan# 1851

Delta R.T. 0.00 min

Lab File: BF099226.D

Acq: 8 Oct 2017 12:20

Instrument :

BNA_F

ClientSampleId :

PB103045TB

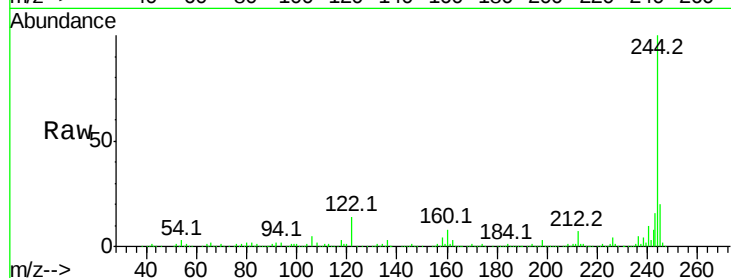
Tot Ion:244 Resp: 1151055

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

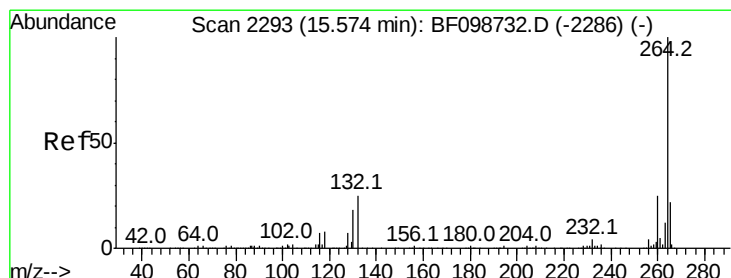
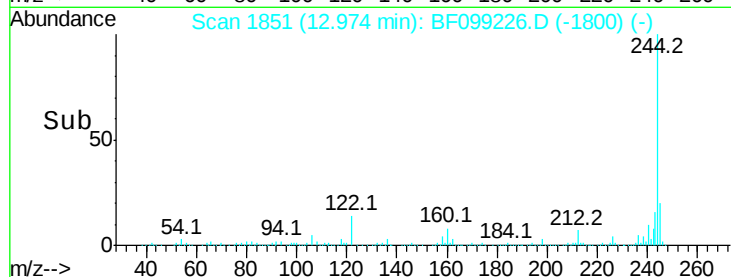
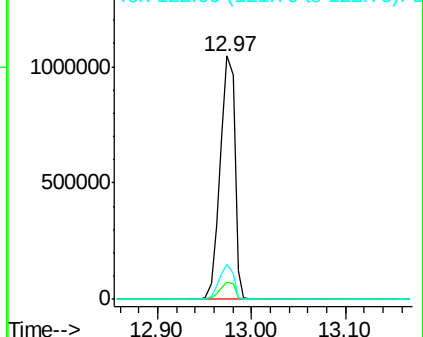
122 14.2 11.0 16.4



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: BF099226.D

Acq: 8 Oct 2017 12:20

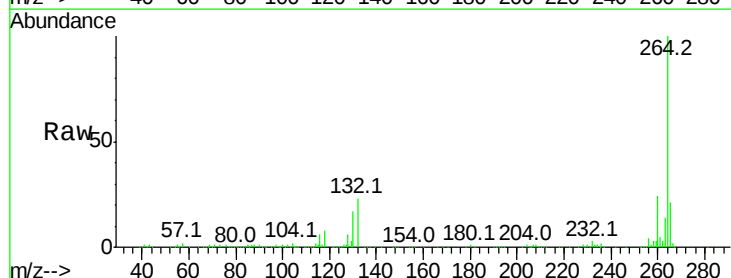
Tgt Ion:264 Resp: 293046

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 20.8 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

