

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100617\
 Data File : BF099180.D
 Acq On : 7 Oct 2017 7:02
 Operator : SJ/JU
 Sample : I5542-04
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OWL-C5-GW

Quant Time: Oct 08 03:07:03 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	134510	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	546066	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	244322	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	381450	20.00	ng	0.00
75) Chrysene-d12	14.02	240	212436	20.00	ng	-0.01
86) Perylene-d12	15.50	264	233724	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	598538	70.84	ng	0.00
7) Phenol-d6	6.49	99	473159	45.39	ng	0.00
23) Nitrobenzene-d5	7.43	82	791233	92.92	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	250052	125.08	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1391069	95.05	ng	0.00
78) Terphenyl-d14	12.97	244	898336	96.17	ng	0.00

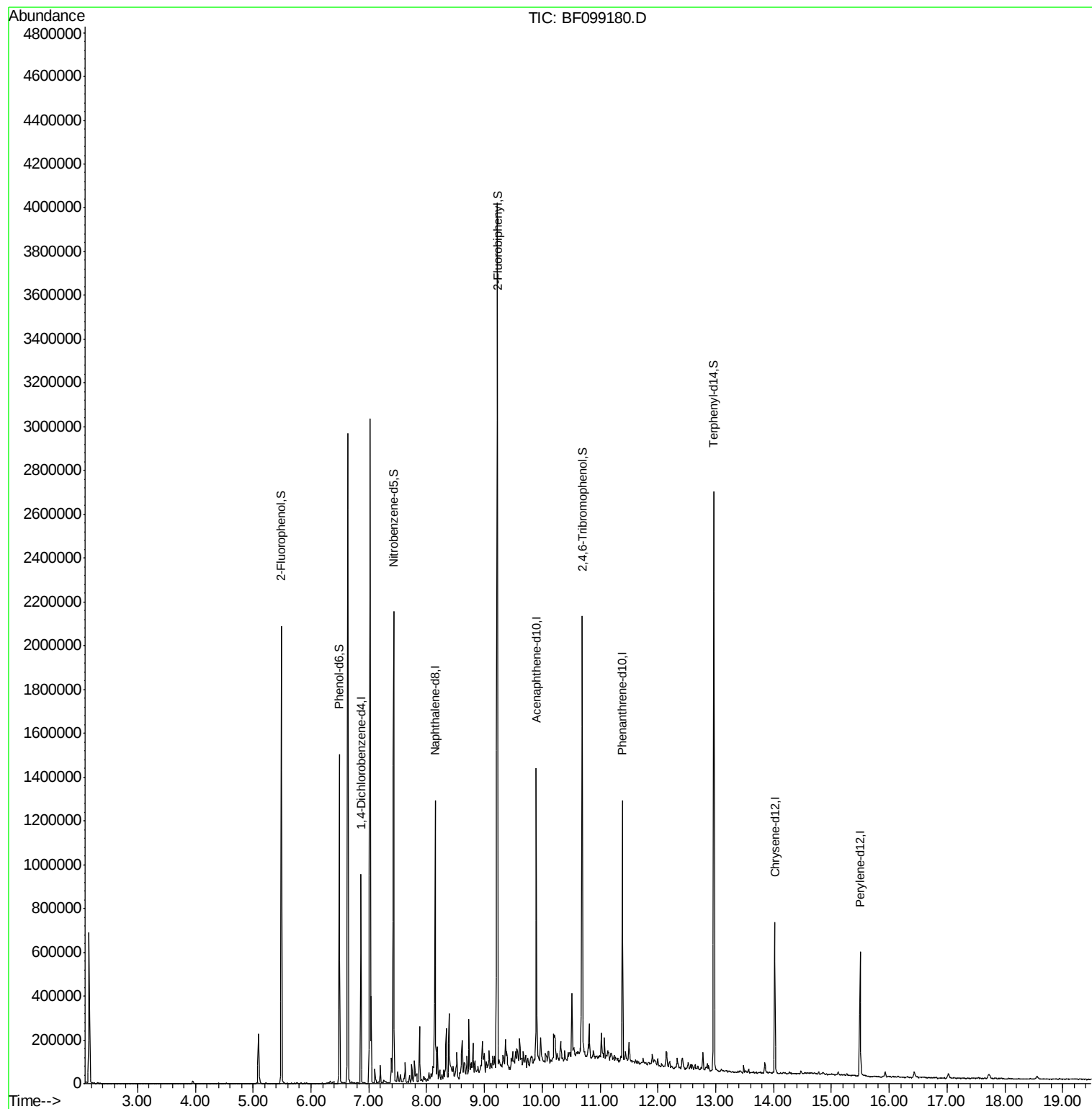
Target Compounds	Qvalue
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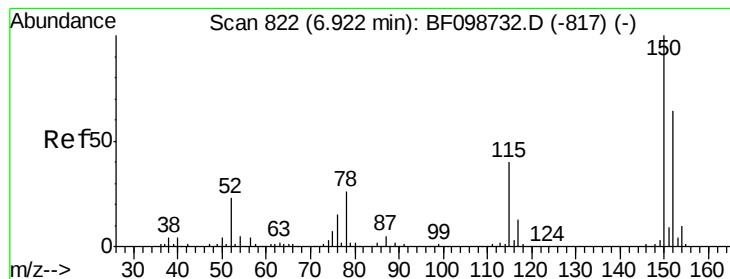
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF099180.D

Acq: 7 Oct 2017 7:02

Instrument :

BNA_F

ClientSampleId :

OWL-C5-GW

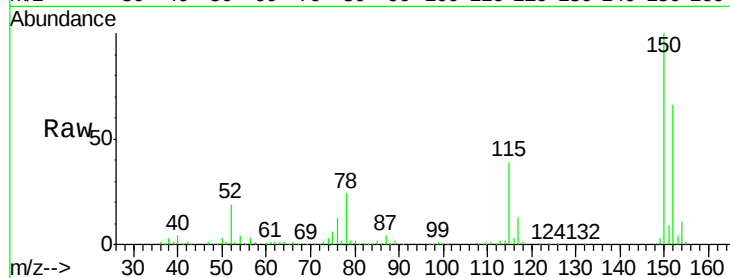
Tgt Ion:152 Resp: 134510

Ion Ratio Lower Upper

152 100

150 152.0 124.6 186.8

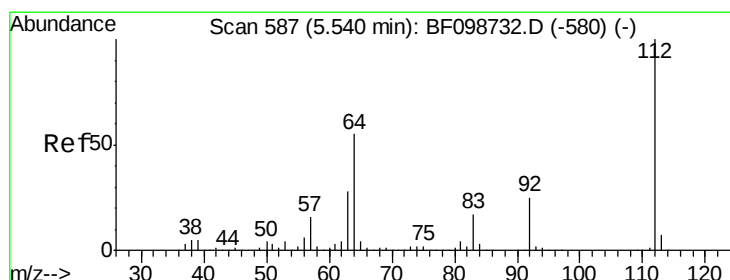
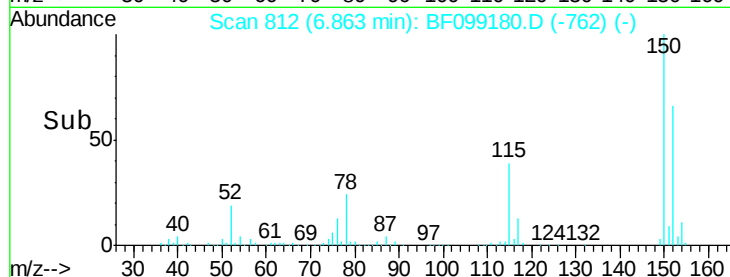
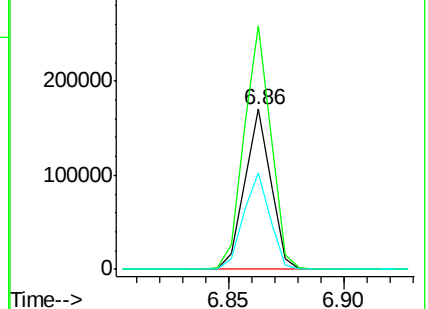
115 60.0 50.1 75.1



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: 70.84 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.01 min

Lab File: BF099180.D

Acq: 7 Oct 2017 7:02

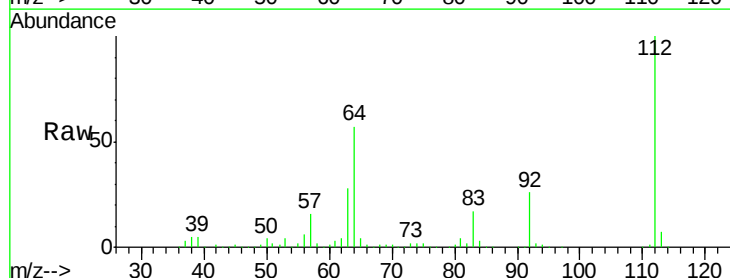
Tgt Ion:112 Resp: 598538

Ion Ratio Lower Upper

112 100

64 56.6 47.9 71.9

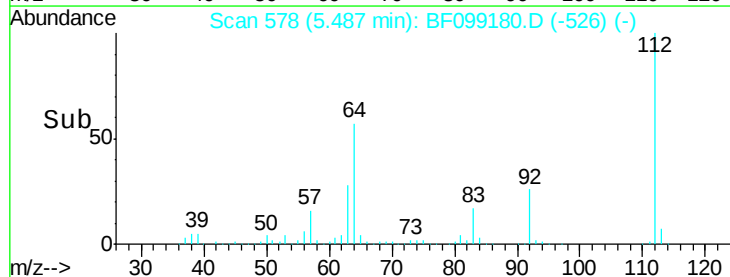
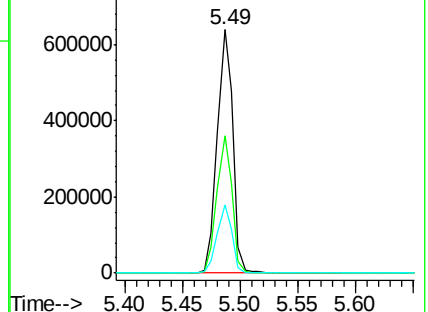
63 28.0 23.7 35.5

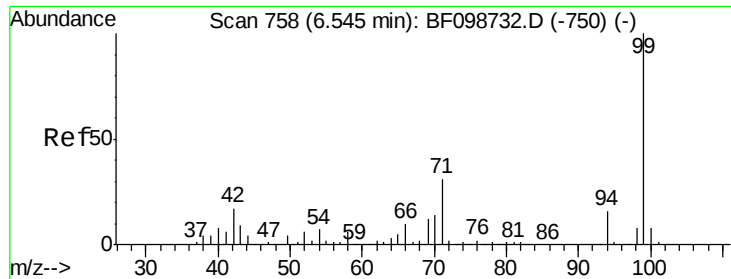


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 45.39 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF099180.D

Acq: 7 Oct 2017 7:02

Instrument :

BNA_F

ClientSampleId :

OWL-C5-GW

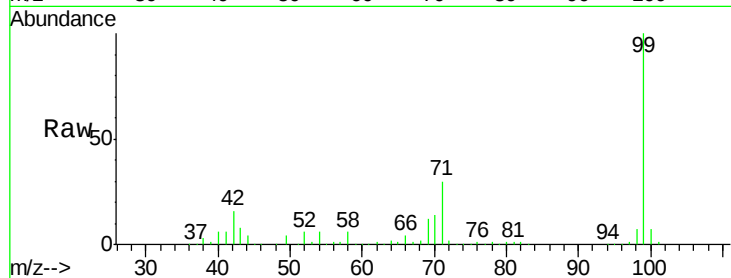
Tgt Ion: 99 Resp: 473159

Ion Ratio Lower Upper

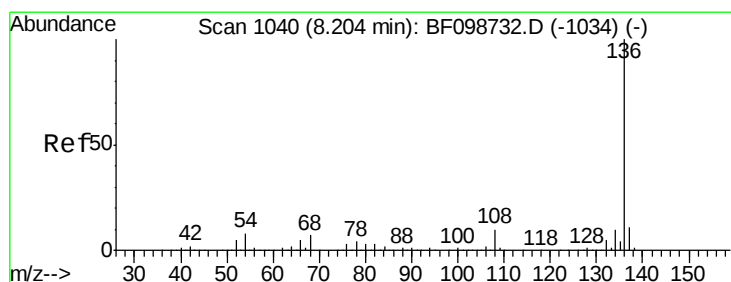
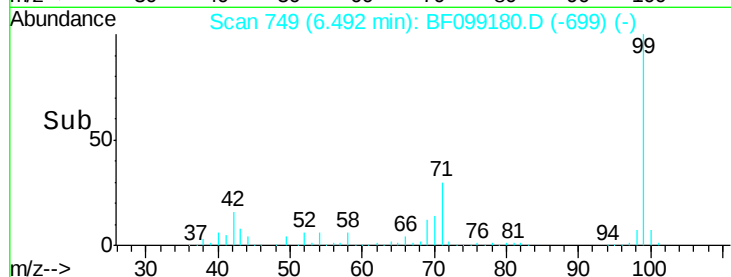
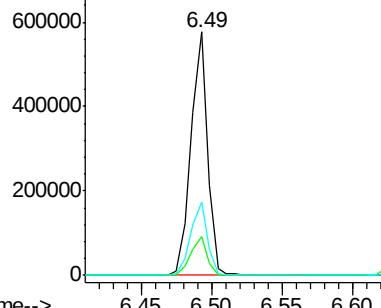
99 100

42 15.9 14.5 21.7

71 30.1 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: 20.00 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF099180.D

Acq: 7 Oct 2017 7:02

Tgt Ion: 136 Resp: 546066

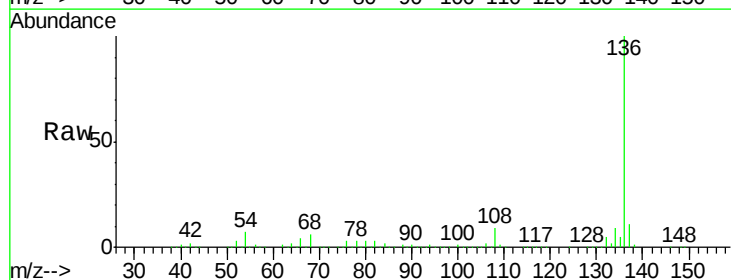
Ion Ratio Lower Upper

136 100

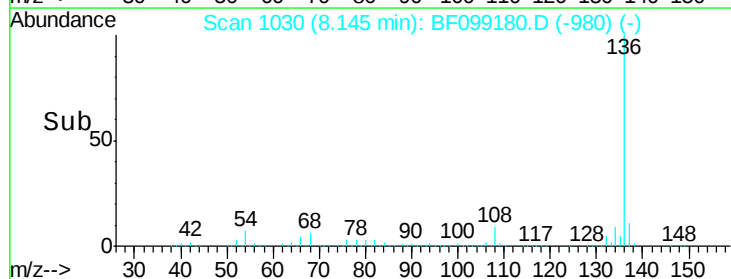
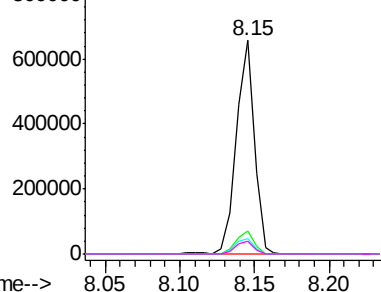
137 10.9 8.9 13.3

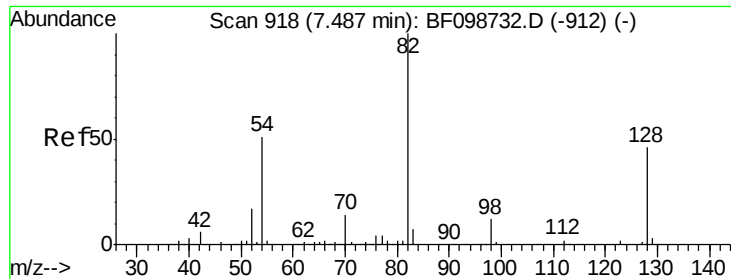
54 7.3 6.6 9.8

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

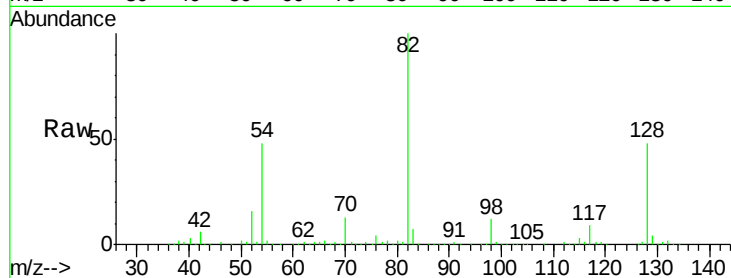




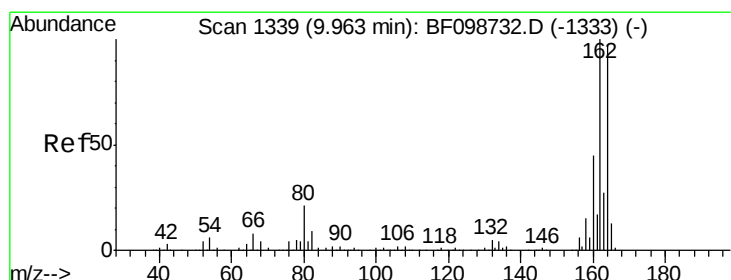
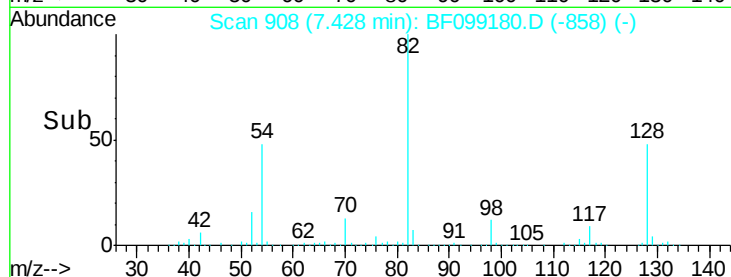
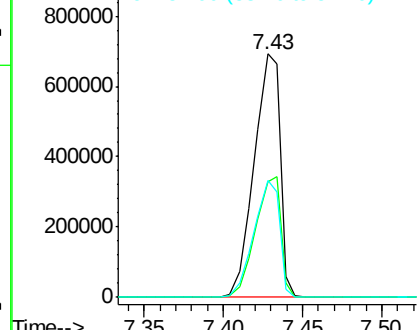
#23
Nitrobenzene-d5
Concen: 92.92 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF099180.D
Acq: 7 Oct 2017 7:02

Instrument :
BNA_F
ClientSampleId :
OWL-C5-GW

Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.5	36.1	54.1
54	48.2	41.4	62.2

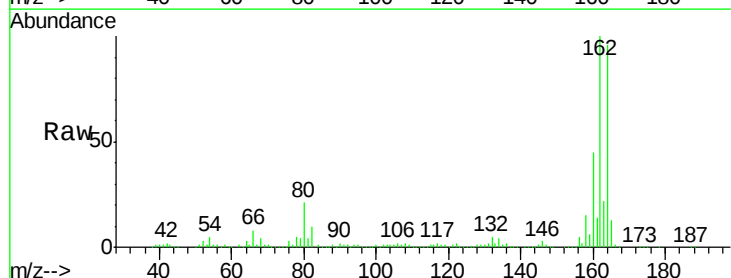


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

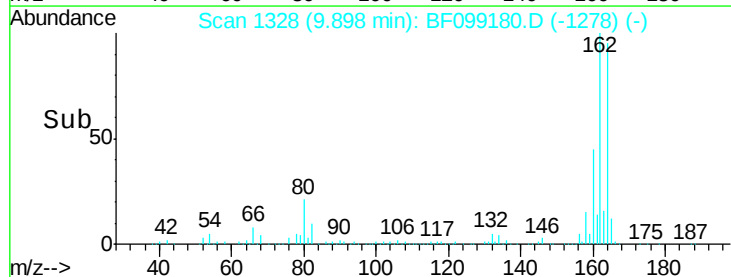
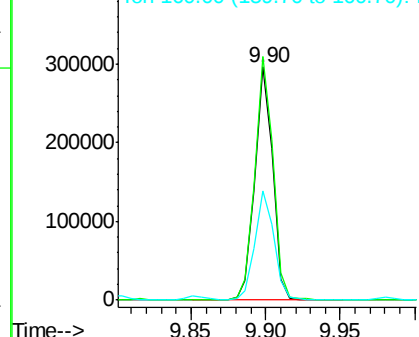


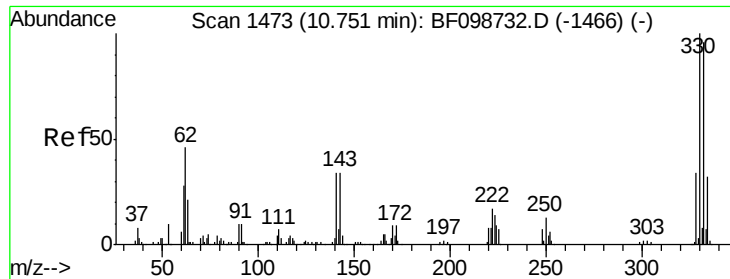
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF099180.D
Acq: 7 Oct 2017 7:02

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.5	86.1	129.1
160	47.0	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

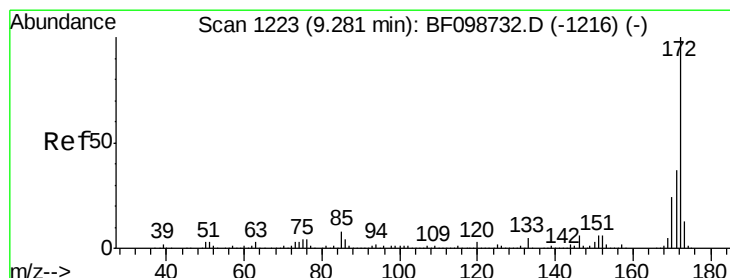
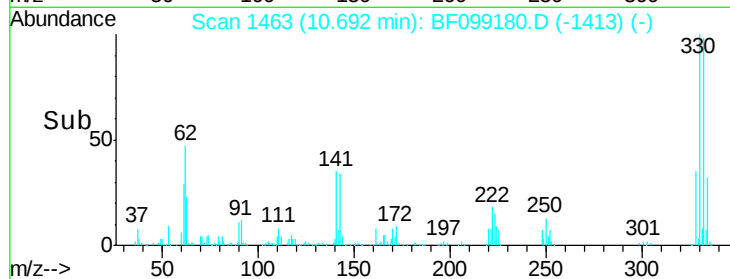
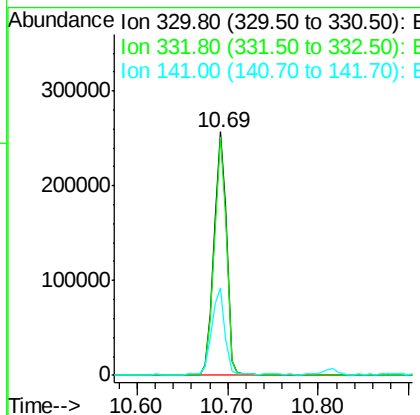
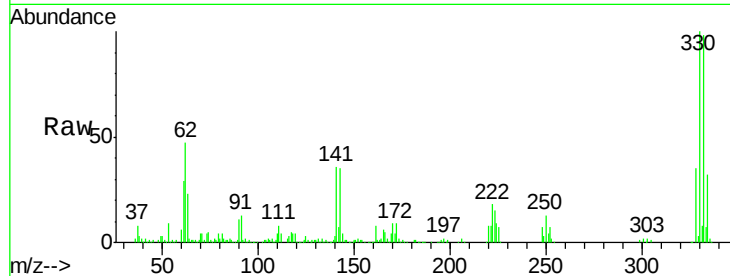




#41
 2,4,6-Tribromophenol
 Concen: 125.08 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: BF099180.D
 Acq: 7 Oct 2017 7:02

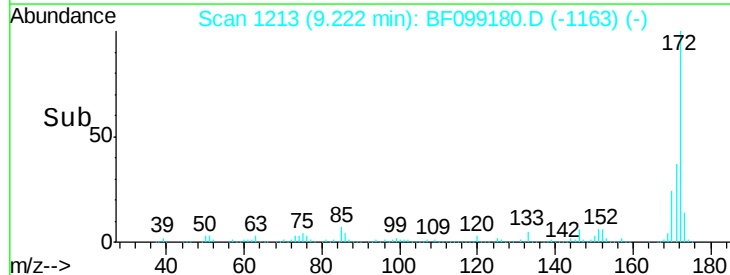
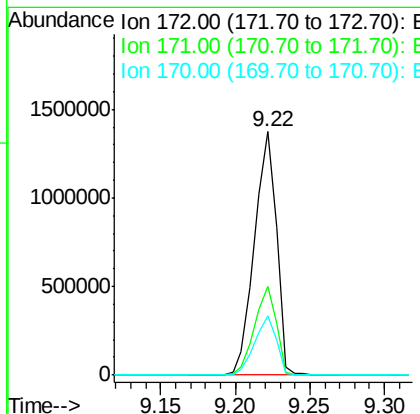
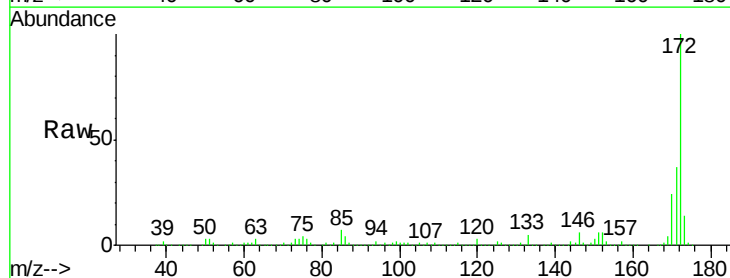
Instrument :
 BNA_F
 ClientSampleId :
 OWL-C5-GW

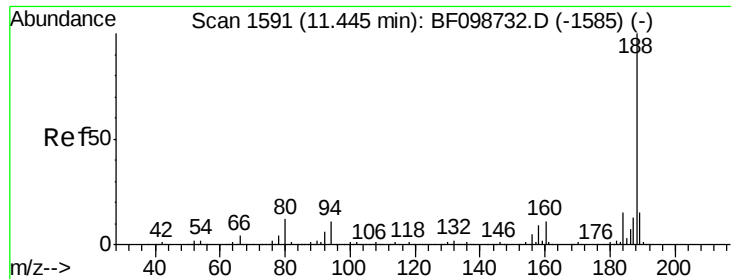
Tgt Ion:330 Resp: 250052
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 37.2 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 95.05 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF099180.D
 Acq: 7 Oct 2017 7:02

Tgt Ion:172 Resp: 1391069
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.7 44.5
 170 24.3 19.6 29.4

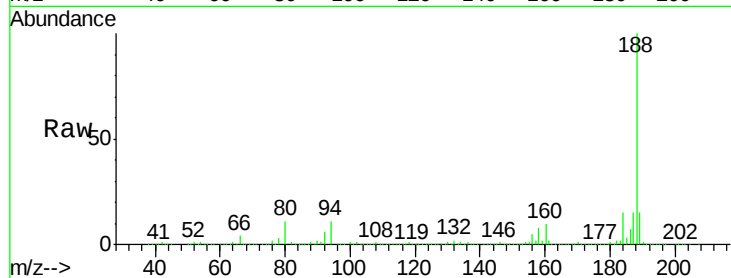




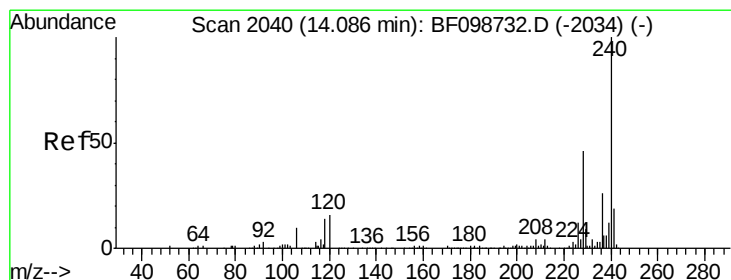
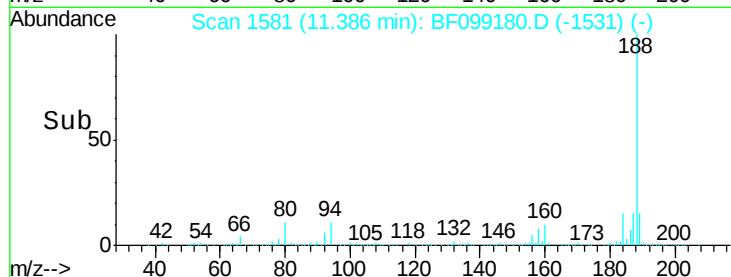
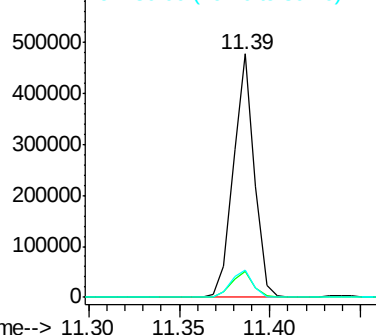
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF099180.D
Acq: 7 Oct 2017 7:02

Instrument :
BNA_F
ClientSampleId :
OWL-C5-GW

Tgt Ion:188 Resp: 381450
Ion Ratio Lower Upper
188 100
94 10.7 8.5 12.7
80 11.4 9.2 13.8

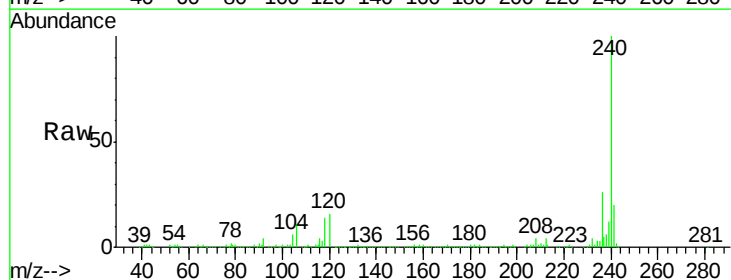


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

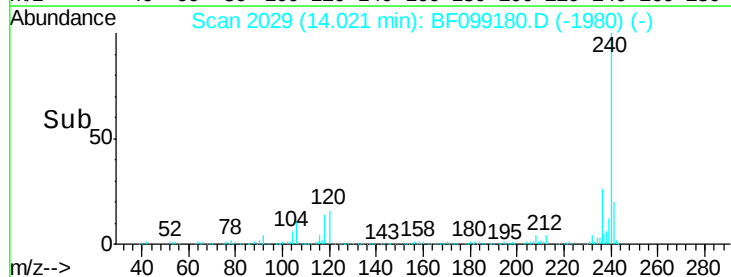
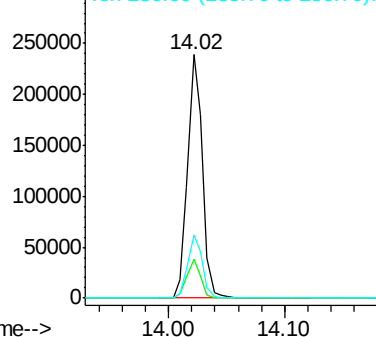


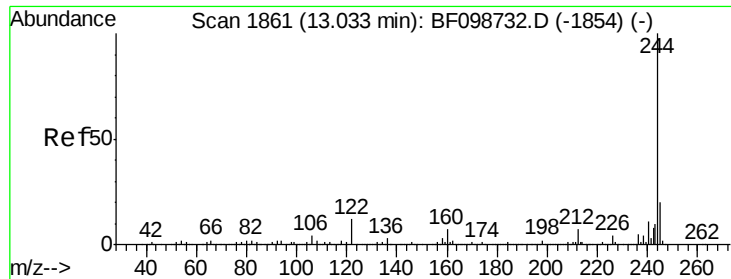
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF099180.D
Acq: 7 Oct 2017 7:02

Tgt Ion:240 Resp: 212436
Ion Ratio Lower Upper
240 100
120 16.0 9.5 14.3#
236 26.1 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: 96.17 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BF099180.D

Acq: 7 Oct 2017 7:02

Instrument :

BNA_F

ClientSampleId :

OWL-C5-GW

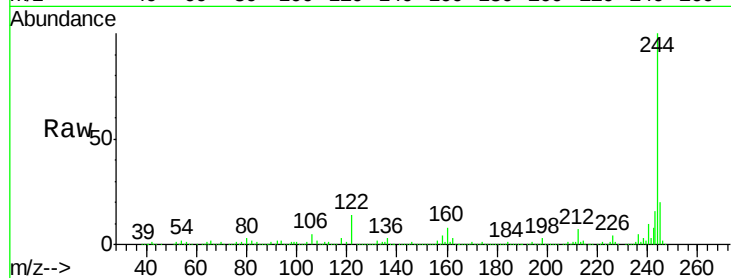
Tgt Ion:244 Resp: 898336

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

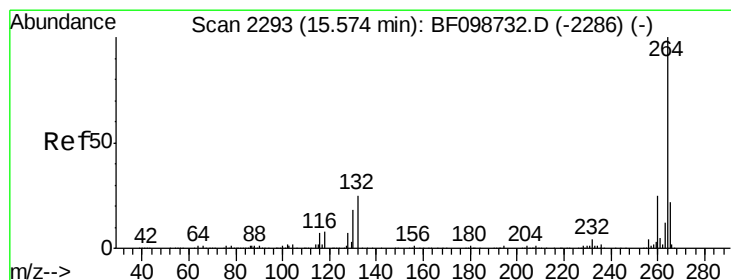
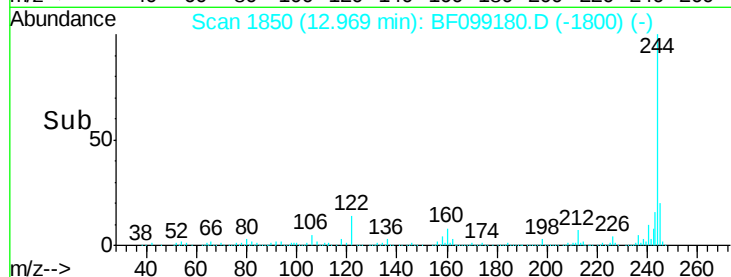
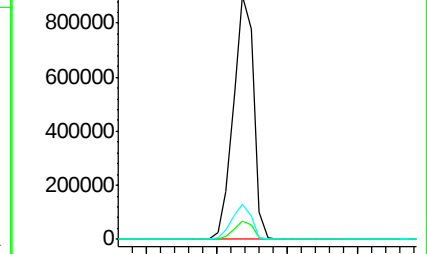
122 14.4 11.0 16.4



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: 20.00 ng

RT: 15.50 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BF099180.D

Acq: 7 Oct 2017 7:02

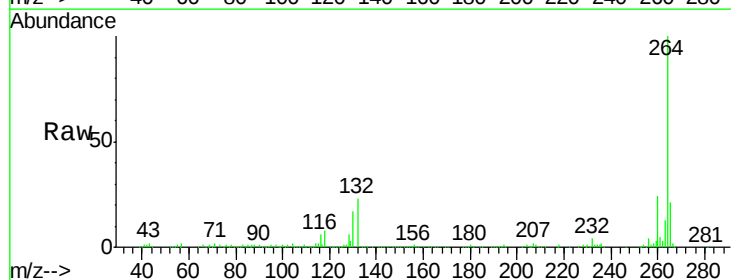
Tgt Ion:264 Resp: 233724

Ion Ratio Lower Upper

264 100

260 24.0 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

