

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100817\
 Data File : BF099245.D
 Acq On : 8 Oct 2017 21:21
 Operator : SJ/JU
 Sample : I5542-05
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OWL-C6-GW

Quant Time: Oct 09 02:49:14 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	137550	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	559156	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	259570	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	441490	20.00	ng	0.00
75) Chrysene-d12	14.03	240	309505	20.00	ng	0.00
86) Perylene-d12	15.50	264	237580	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	586665	67.90	ng	0.00
7) Phenol-d6	6.49	99	467132	43.82	ng	0.00
23) Nitrobenzene-d5	7.43	82	750291	86.05	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	270161	127.20	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1332570	85.70	ng	0.00
78) Terphenyl-d14	12.97	244	1060298	77.91	ng	0.00

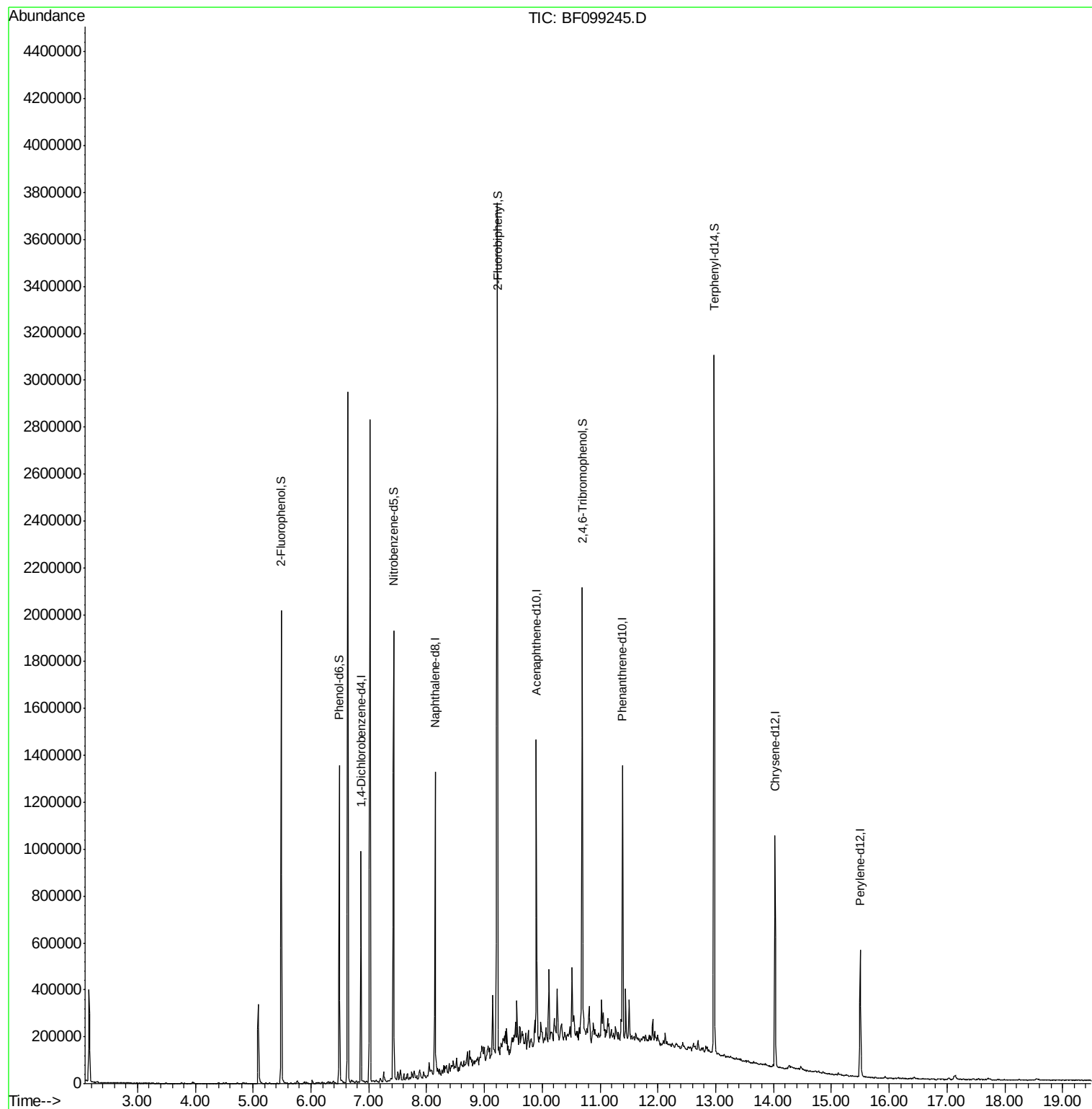
Target Compounds Qvalue

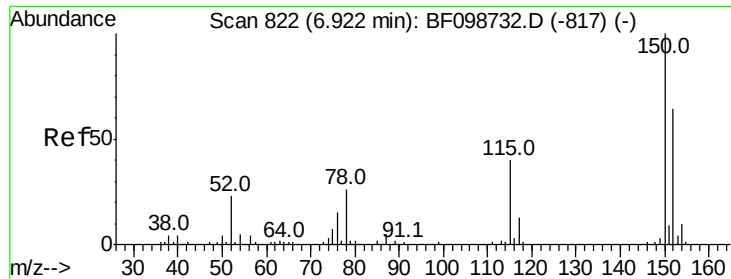
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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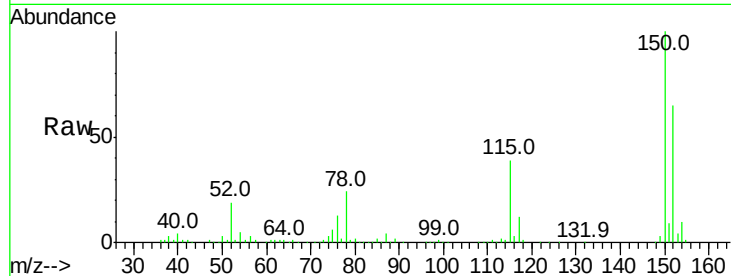


#1

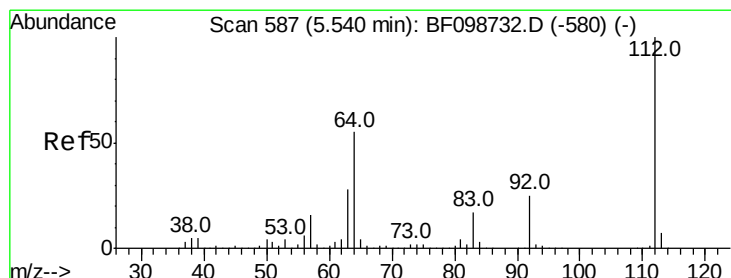
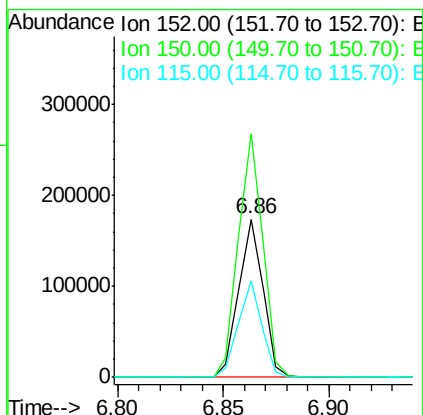
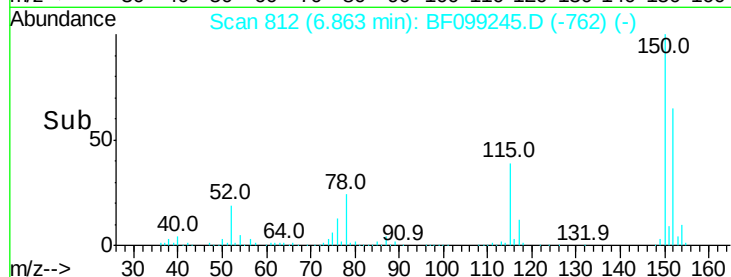
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF099245.D
 Acq: 8 Oct 2017 21:21

Instrument :
 BNA_F
 ClientSampleId :
 OWL-C6-GW

Tot Ion:152 Resp: 137550
 Ion Ratio Lower Upper
 152 100
 150 153.8 124.6 186.8
 115 60.6 50.1 75.1



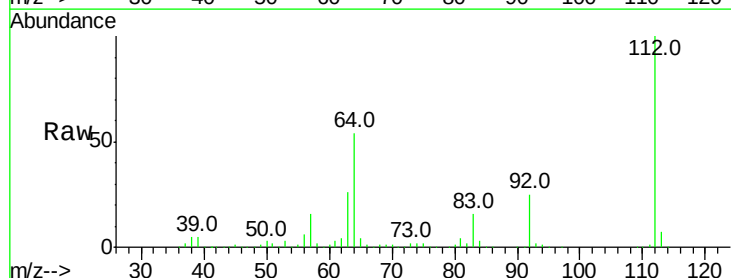
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



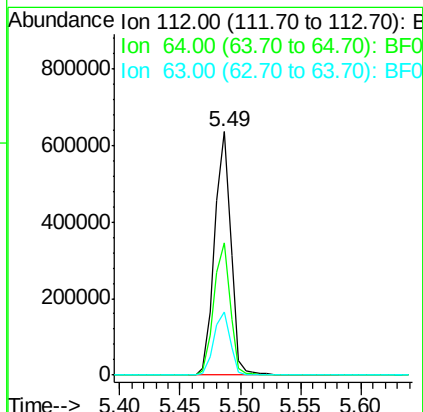
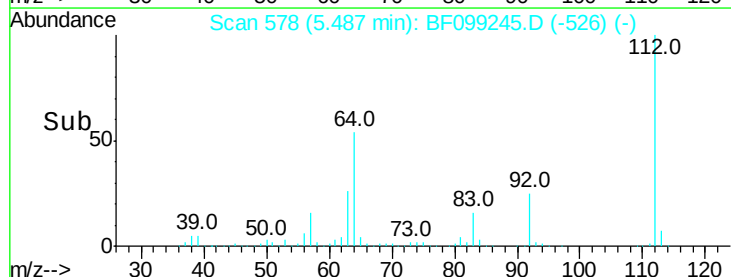
#5

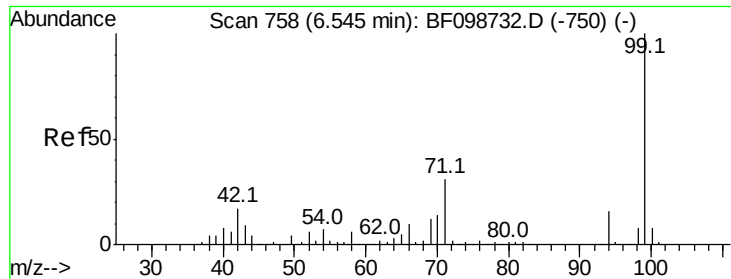
2-Fluorophenol
 Concen: 67.896 ng
 RT: 5.49 min Scan# 578
 Delta R.T. 0.01 min
 Lab File: BF099245.D
 Acq: 8 Oct 2017 21:21

Tgt Ion:112 Resp: 586665
 Ion Ratio Lower Upper
 112 100
 64 54.3 47.9 71.9
 63 26.1 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: 43.824 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF099245.D

Acq: 8 Oct 2017 21:21

Instrument :

BNA_F

ClientSampleId :

OWL-C6-GW

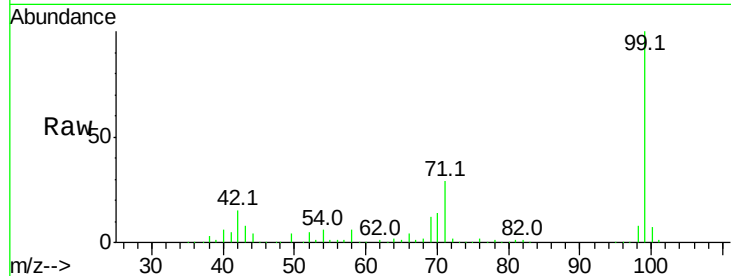
Tot Ion: 99 Resp: 467132

Ion Ratio Lower Upper

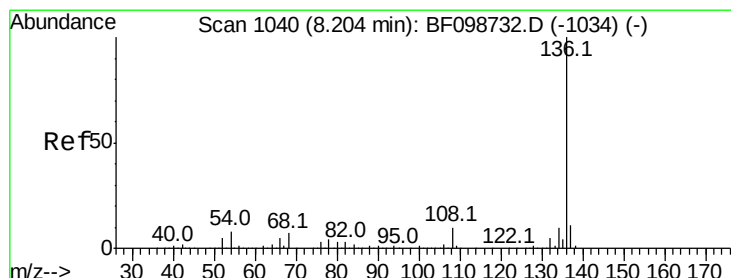
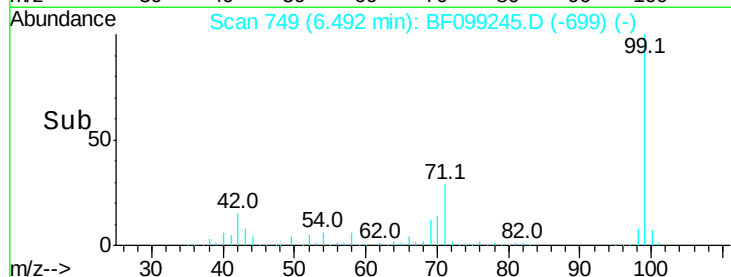
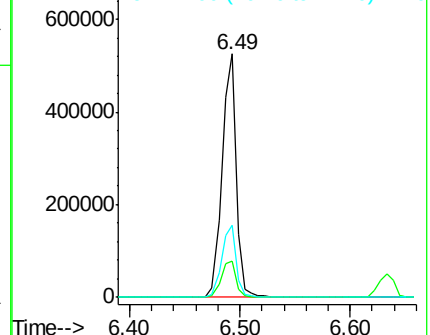
99 100

42 15.1 14.5 21.7

71 29.4 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: BF099245.D

Acq: 8 Oct 2017 21:21

Tgt Ion: 136 Resp: 559156

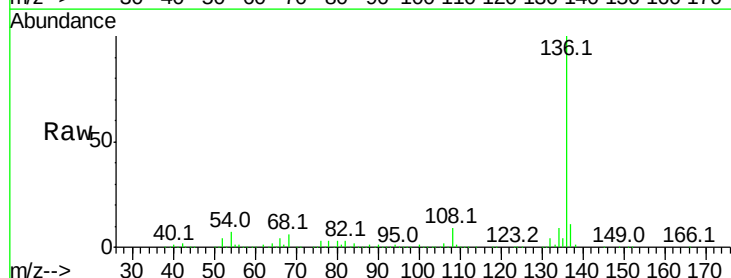
Ion Ratio Lower Upper

136 100

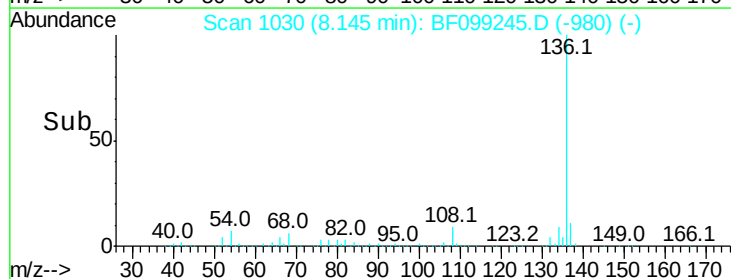
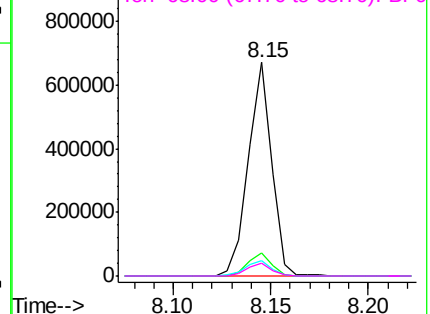
137 11.1 8.9 13.3

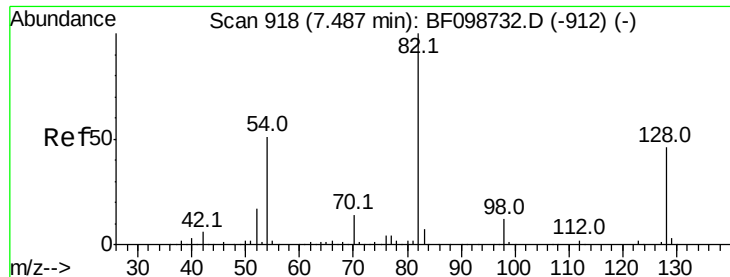
54 7.3 6.6 9.8

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

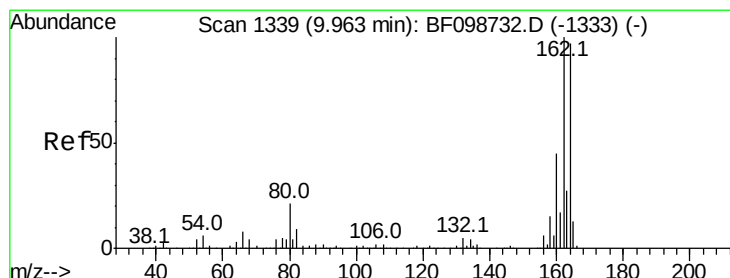
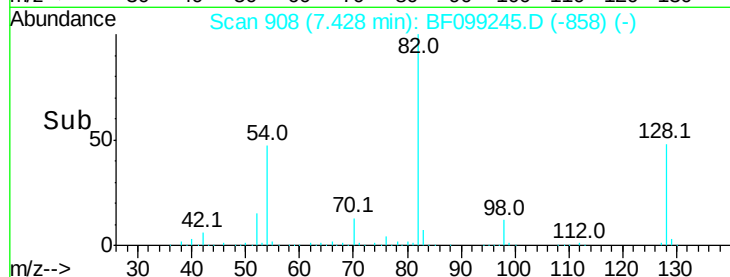
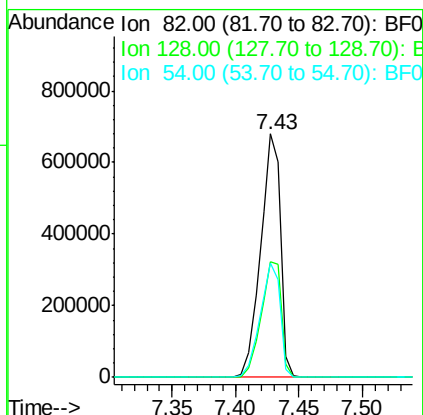
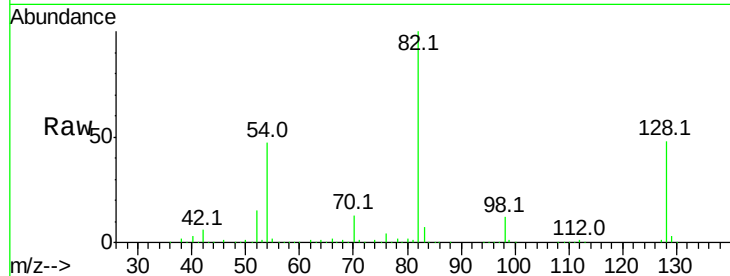




#23
 Nitrobenzene-d5
 Concen: 86.052 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF099245.D
 Acq: 8 Oct 2017 21:21

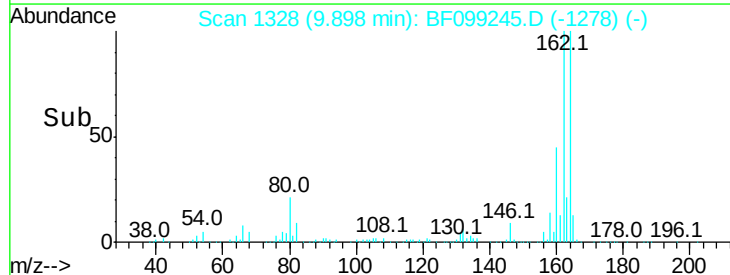
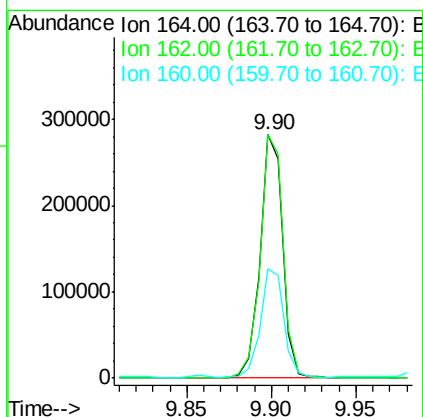
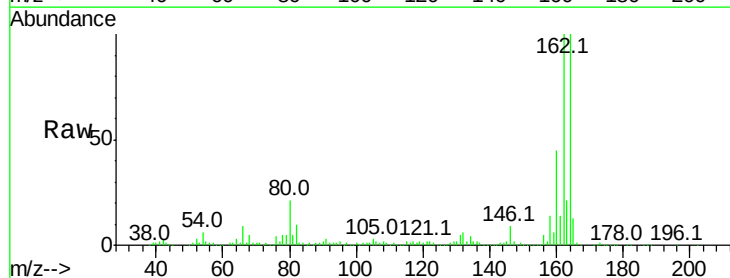
Instrument :
 BNA_F
 ClientSampleId :
 OWL-C6-GW

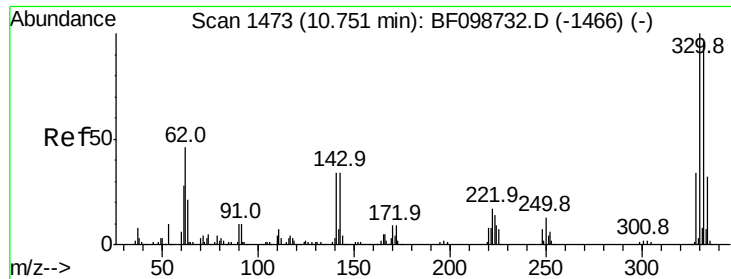
Tot Ion	82	Resp	750291
Ion Ratio	100		
Lower	36.1		
Upper	54.1		
54	47.1	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF099245.D
 Acq: 8 Oct 2017 21:21

Tgt Ion	164	Resp	259570
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower <td>86.1</td> <td></td> <td></td>	86.1		
Upper <td>129.1</td> <td></td> <td></td>	129.1		
162	100.0	38.3	57.5

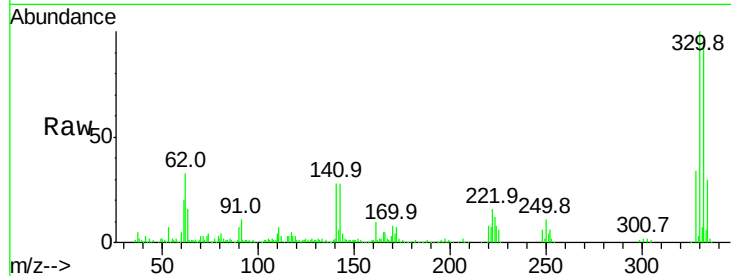




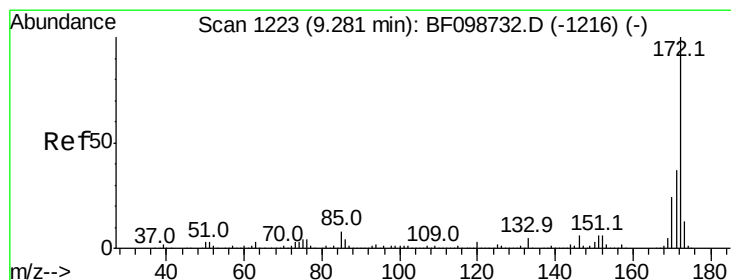
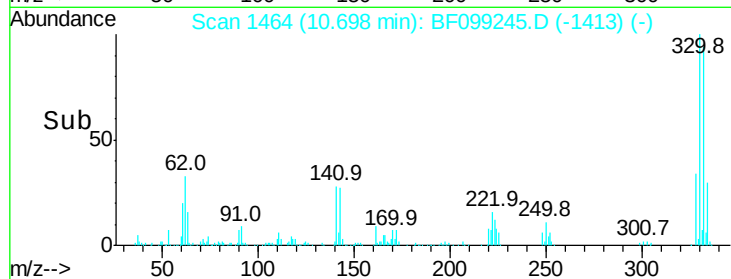
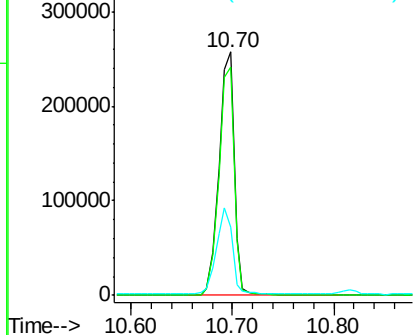
#41
 2,4,6-Tribromophenol
 Concen: 127.195 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. 0.00 min
 Lab File: BF099245.D
 Acq: 8 Oct 2017 21:21

Instrument :
 BNA_F
 ClientSampleId :
 OWL-C6-GW

Tot Ion:330 Resp: 270161
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.0 115.6
 141 36.3 29.9 44.9

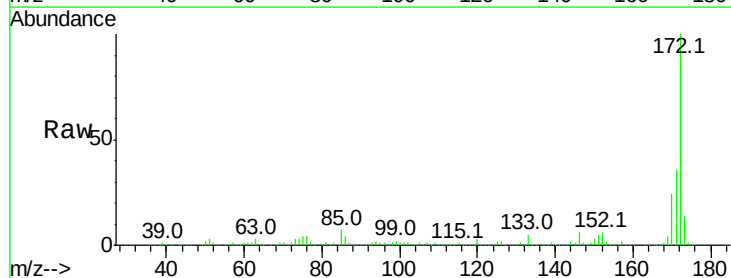


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

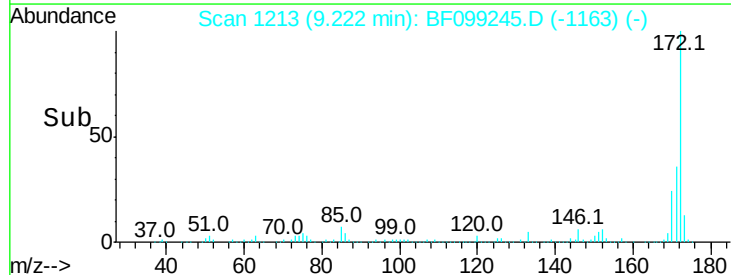
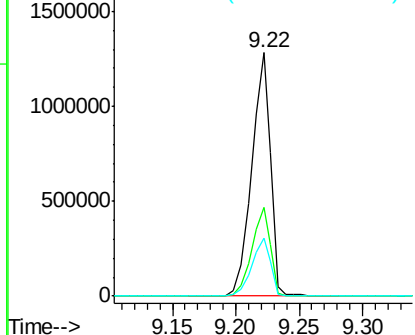


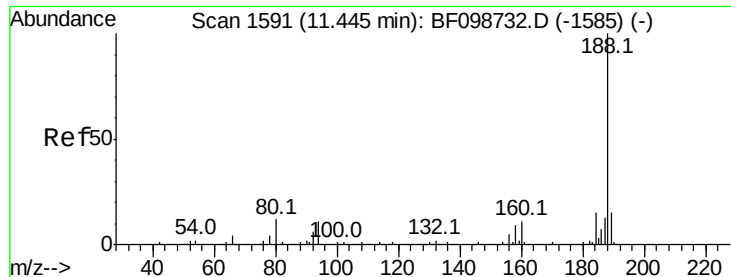
#44
 2-Fluorobiphenyl
 Concen: 85.704 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF099245.D
 Acq: 8 Oct 2017 21:21

Tgt Ion:172 Resp: 1332570
 Ion Ratio Lower Upper
 172 100
 171 36.5 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# 1581

Delta R.T. -0.01 min

Lab File: BF099245.D

Acq: 8 Oct 2017 21:21

Instrument :

BNA_F

ClientSampleId :

OWL-C6-GW

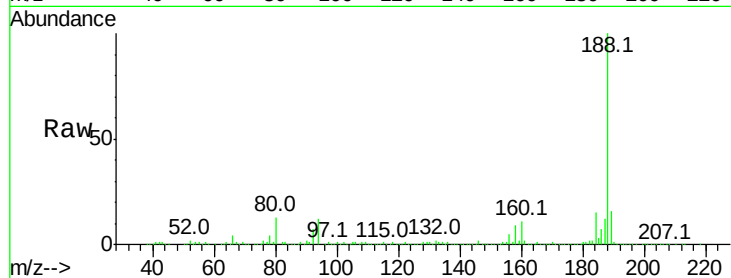
Tot Ion:188 Resp: 441490

Ion Ratio Lower Upper

188 100

94 11.9 8.5 12.7

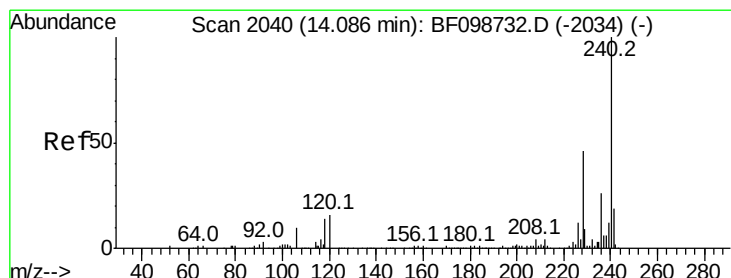
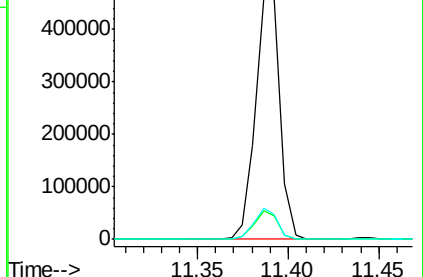
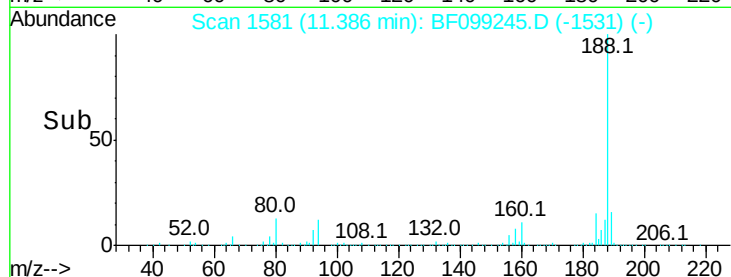
80 12.9 9.2 13.8



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: BF099245.D

Acq: 8 Oct 2017 21:21

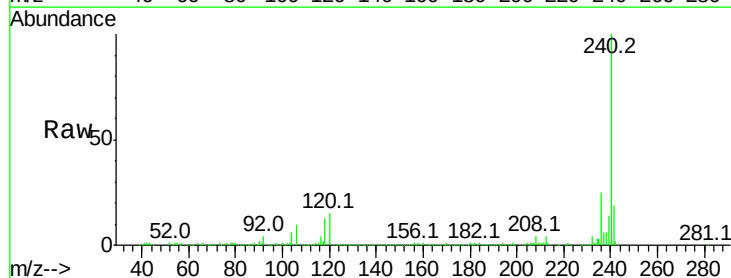
Tgt Ion:240 Resp: 309505

Ion Ratio Lower Upper

240 100

120 14.6 9.5 14.3#

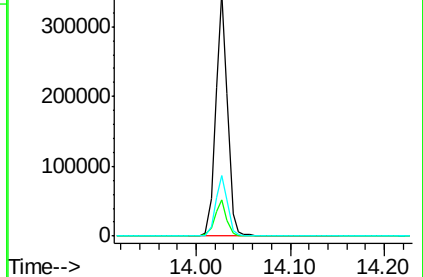
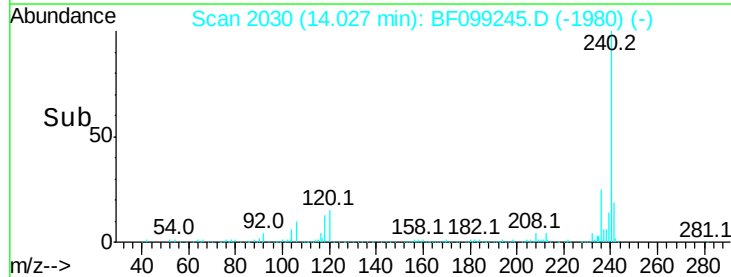
236 25.1 20.7 31.1

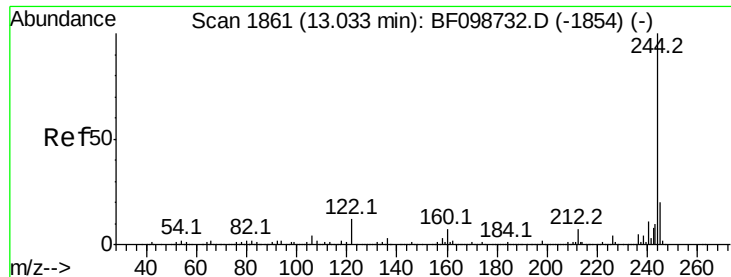


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 77.909 ng

RT: 12.97 min Scan# 1851

Delta R.T. 0.00 min

Lab File: BF099245.D

Acq: 8 Oct 2017 21:21

Instrument :

BNA_F

ClientSampleId :

OWL-C6-GW

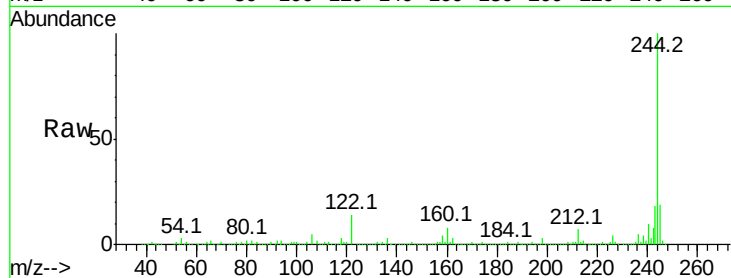
Tot Ion:244 Resp: 1060298

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

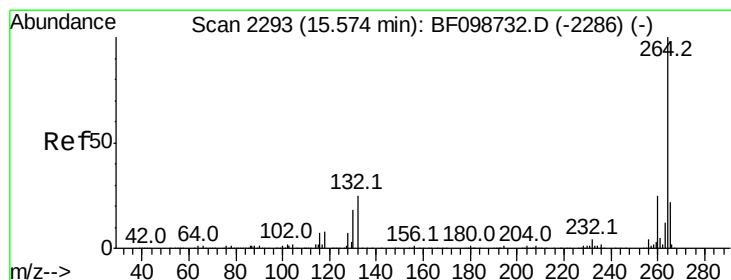
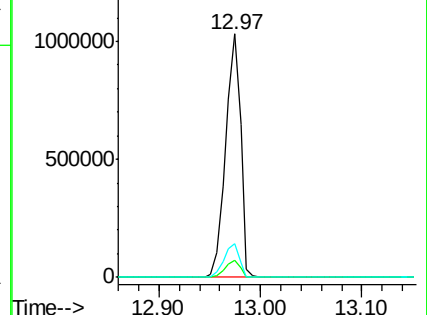
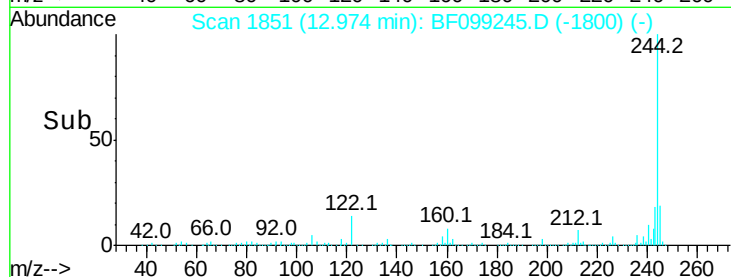
122 13.7 11.0 16.4



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: BF099245.D

Acq: 8 Oct 2017 21:21

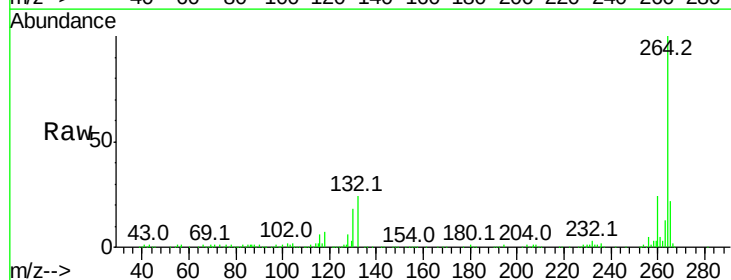
Tgt Ion:264 Resp: 237580

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 22.0 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

