

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122116\
 Data File : BF091866.D
 Acq On : 22 Dec 2016 6:12
 Operator : UM/SJ
 Sample : H6156-12
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-13

Quant Time: Dec 22 06:42:48 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 16:17:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	353394	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	1423071	20.00	ng	-0.01
38) Acenaphthene-d10	9.78	164	706470	20.00	ng	-0.01
63) Phenanthrene-d10	11.26	188	1182026	20.00	ng	0.00
75) Chrysene-d12	13.89	240	824249	20.00	ng	-0.01
86) Perylene-d12	15.29	264	658048	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1329866	62.83	ng	0.01
7) Phenol-d6	6.40	99	1086360	42.04	ng	-0.01
23) Nitrobenzene-d5	7.31	82	2526826	98.73	ng	-0.01
41) 2,4,6-Tribromophenol	10.58	330	788053	134.79	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	3623231	108.68	ng	0.00
78) Terphenyl-d14	12.85	244	2417106	71.12	ng	0.00

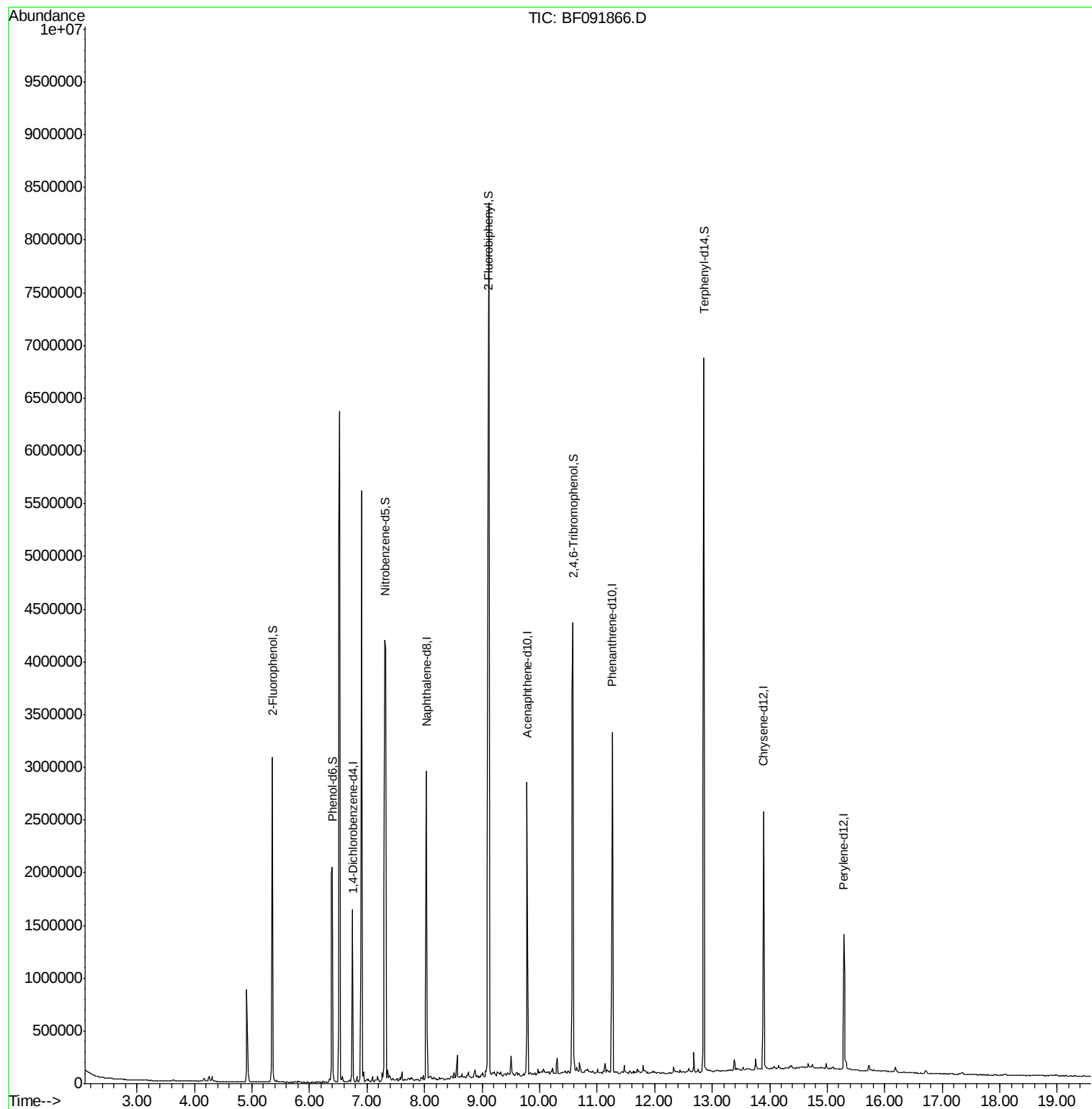
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF091866.D

Acq: 22 Dec 2016 6:12

Instrument :

BNA_F

ClientSampleId :

MW-13

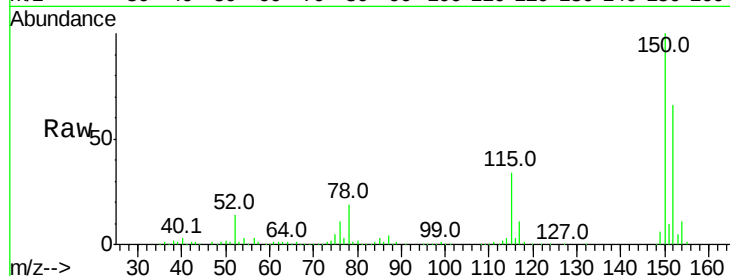
Tot Ion:152 Resp: 353394

Ion Ratio Lower Upper

152 100

150 151.4 124.9 187.3

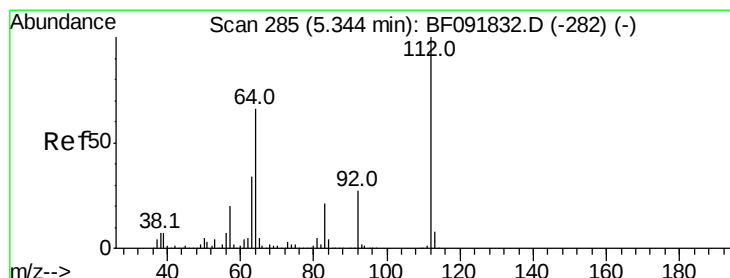
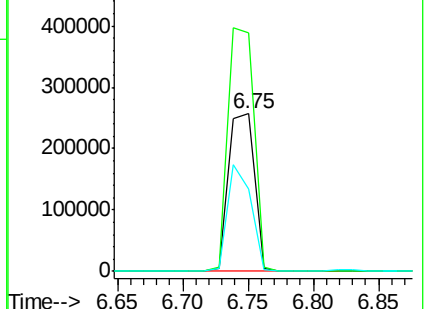
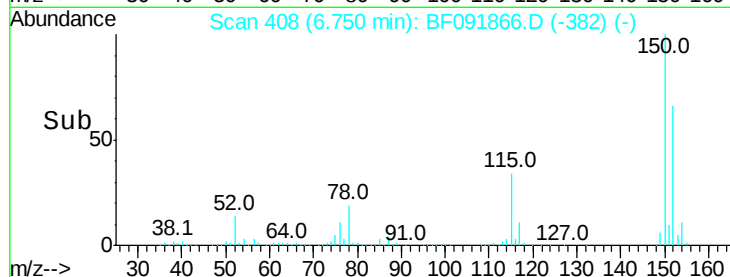
115 52.2 46.0 69.0



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: 62.83 ng

RT: 5.36 min Scan# 286

Delta R.T. 0.01 min

Lab File: BF091866.D

Acq: 22 Dec 2016 6:12

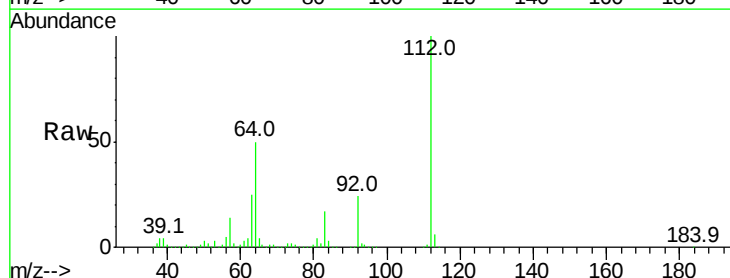
Tgt Ion:112 Resp: 1329866

Ion Ratio Lower Upper

112 100

64 49.9 46.1 69.1

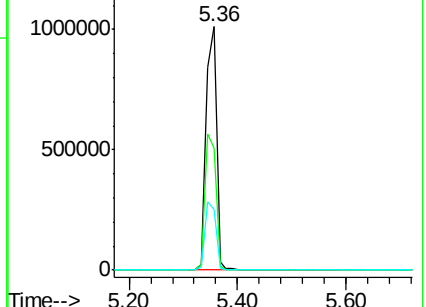
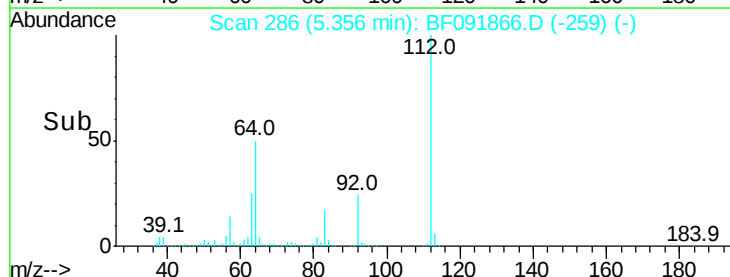
63 25.1 23.8 35.6



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: 42.04 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF091866.D

Acq: 22 Dec 2016 6:12

Instrument :

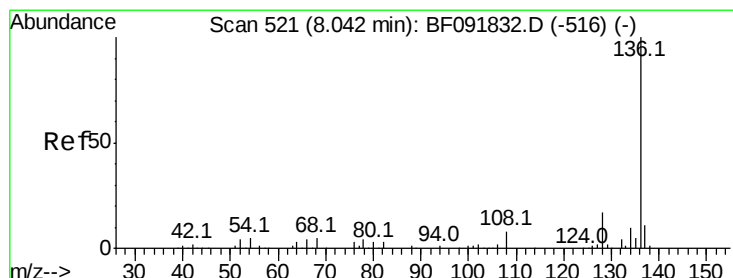
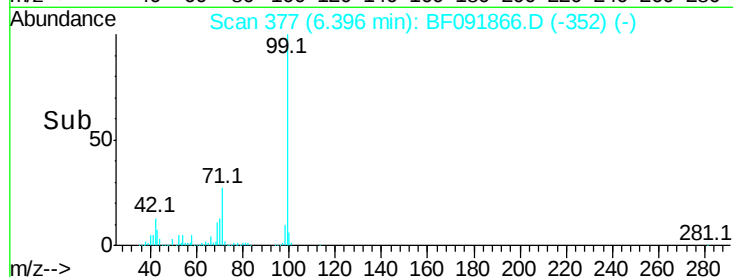
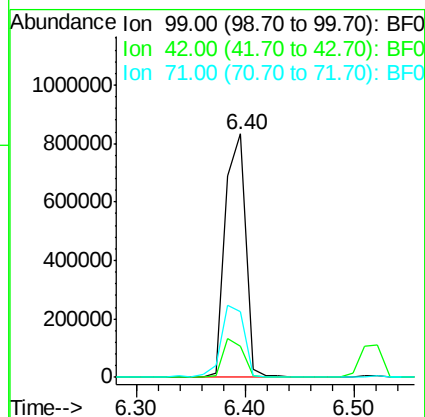
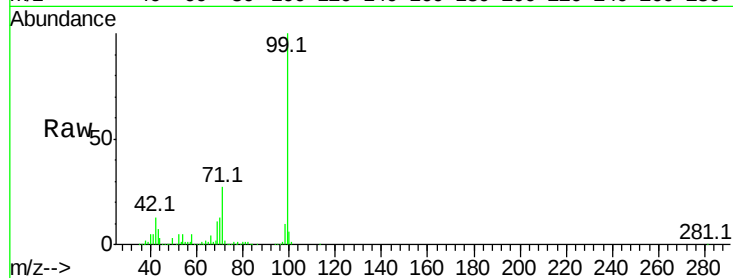
BNA_F

ClientSampled :

MW-13

Tot Ion: 99 Resp: 1086360

Ion	Ratio	Lower	Upper
99	100		
42	12.9	15.6	23.4#
71	26.9	27.5	41.3#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 520

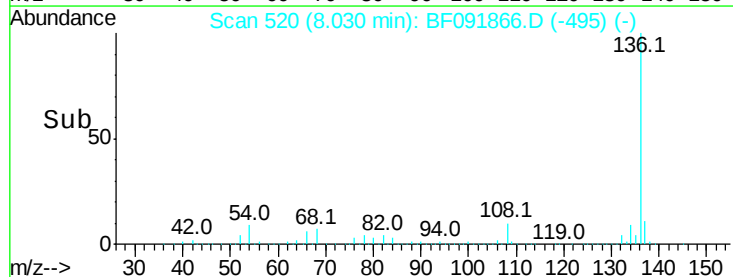
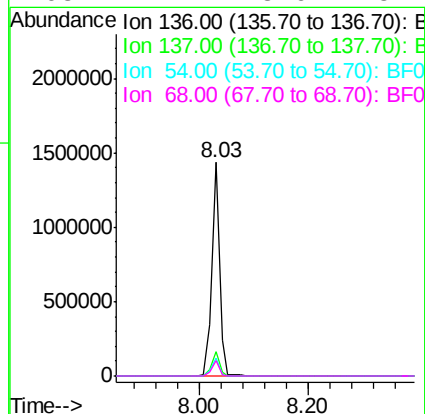
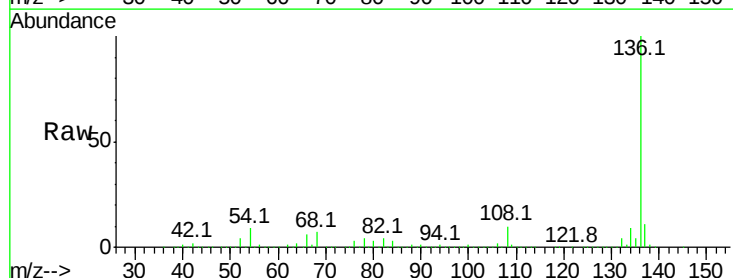
Delta R.T. -0.01 min

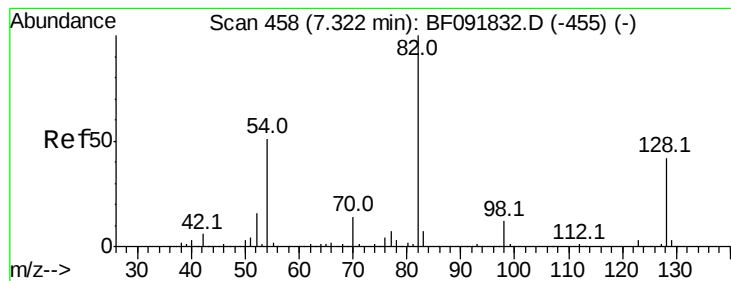
Lab File: BF091866.D

Acq: 22 Dec 2016 6:12

Tgt Ion: 136 Resp: 1423071

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.4	12.6
54	8.5	4.5	6.7#
68	7.4	3.6	5.4#





#23

Nitrobenzene-d5

Concen: 98.73 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.01 min

Lab File: BF091866.D

Acq: 22 Dec 2016 6:12

Instrument :

BNA_F

ClientSampleId :

MW-13

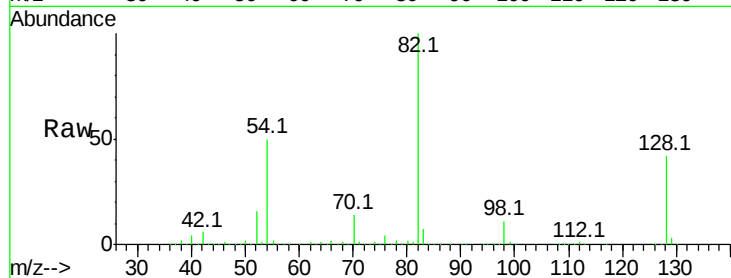
Tot Ion: 82 Resp: 2526826

Ion Ratio Lower Upper

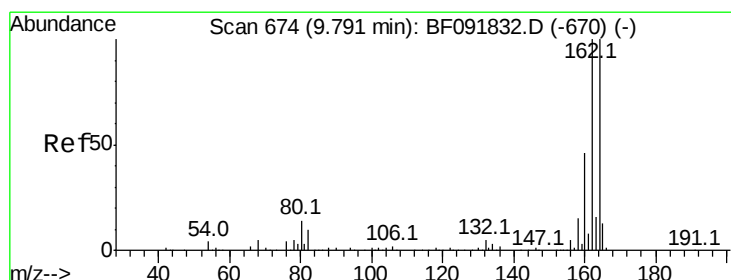
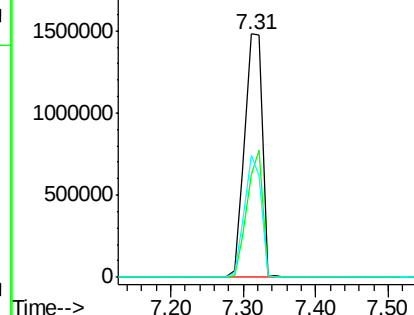
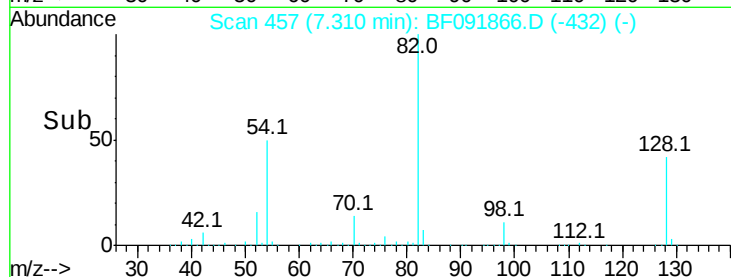
82 100

128 42.1 34.6 52.0

54 50.2 39.5 59.3



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: 9.78 min Scan# 673

Delta R.T. -0.01 min

Lab File: BF091866.D

Acq: 22 Dec 2016 6:12

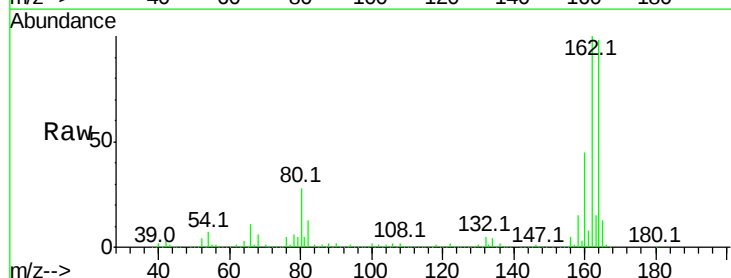
Tgt Ion:164 Resp: 706470

Ion Ratio Lower Upper

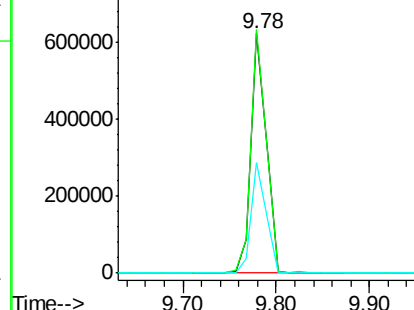
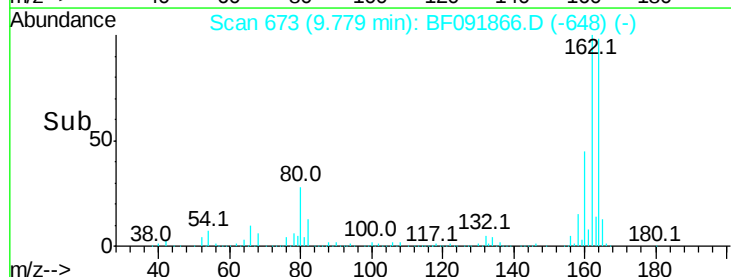
164 100

162 101.6 80.2 120.2

160 46.1 36.9 55.3



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

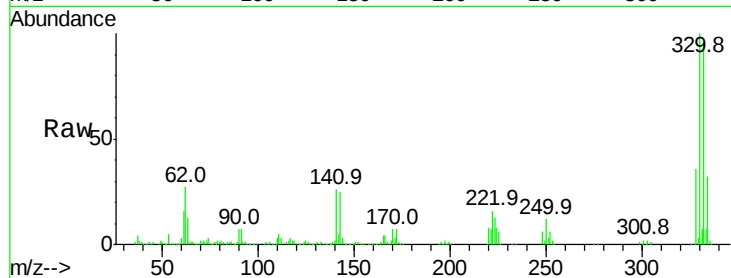




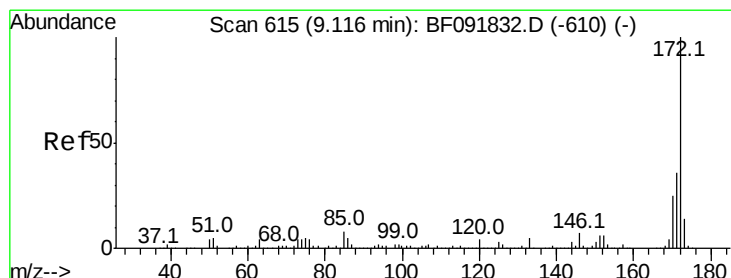
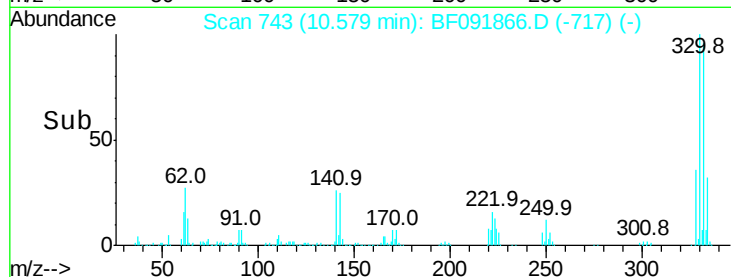
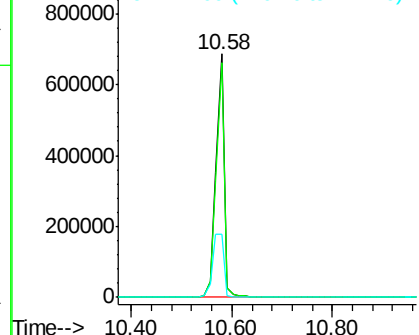
#41
 2,4,6-Tribromophenol
 Concen: 134.79 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.00 min
 Lab File: BF091866.D
 Acq: 22 Dec 2016 6:12

Instrument :
 BNA_F
 ClientSampleId :
 MW-13

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.4	116.2
141	35.5	34.1	51.1

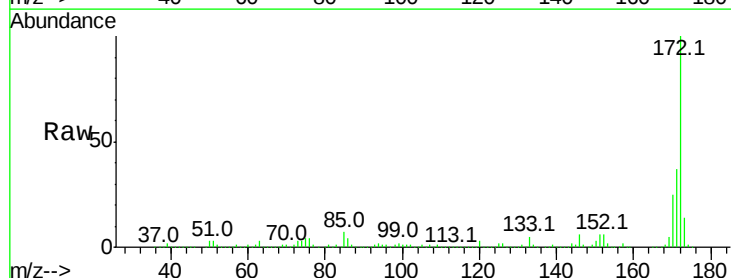


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

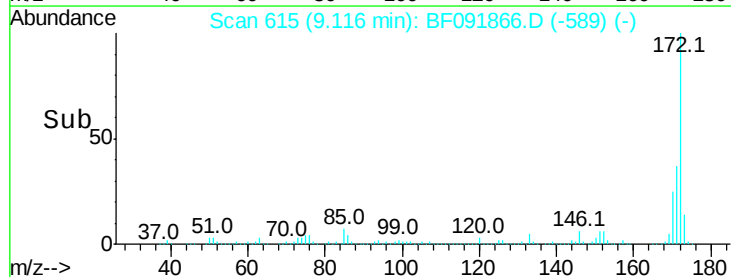
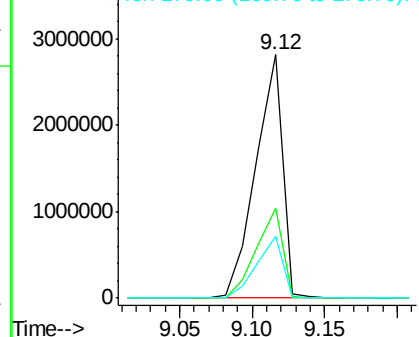


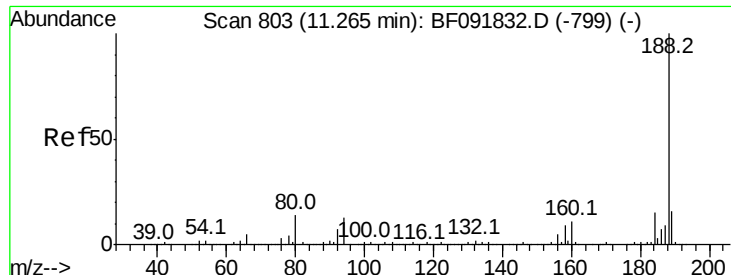
#44
 2-Fluorobiphenyl
 Concen: 108.68 ng
 RT: 9.12 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF091866.D
 Acq: 22 Dec 2016 6:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.4	44.0
170	25.4	20.2	30.4



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

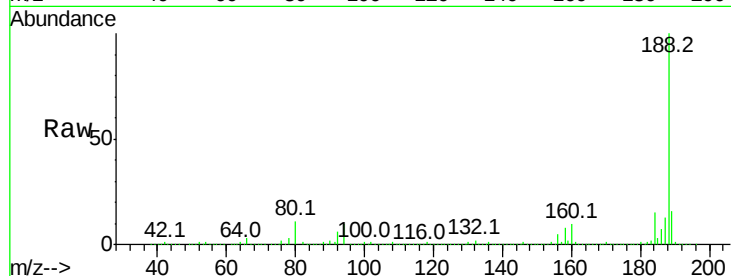




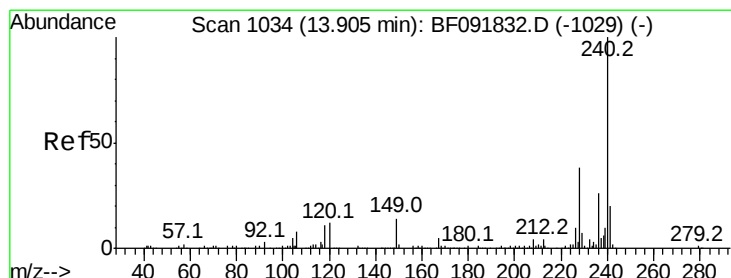
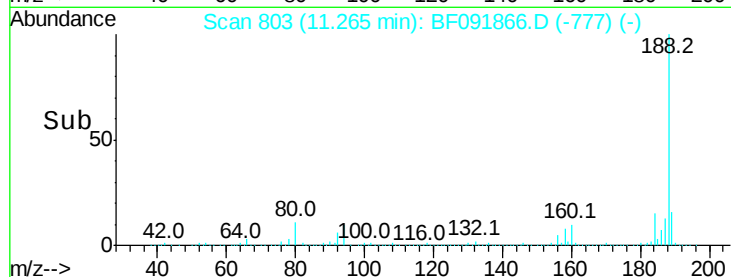
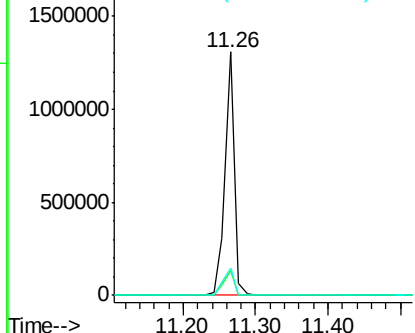
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF091866.D
Acq: 22 Dec 2016 6:12

Instrument :
BNA_F
ClientSampleId :
MW-13

Tot Ion:188 Resp: 1182026
Ion Ratio Lower Upper
188 100
94 10.2 10.0 15.0
80 11.2 11.2 16.8#

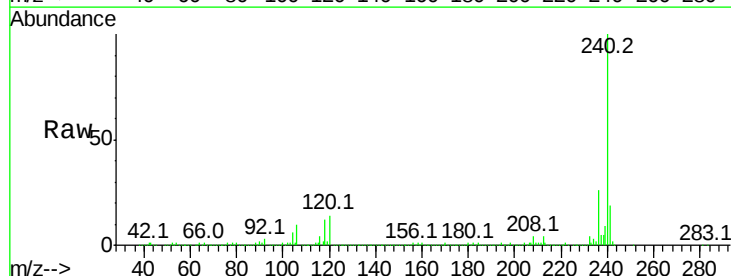


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

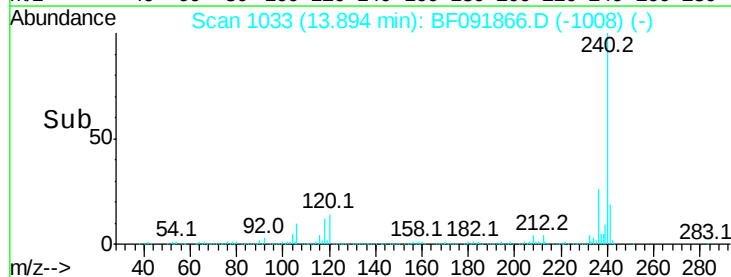
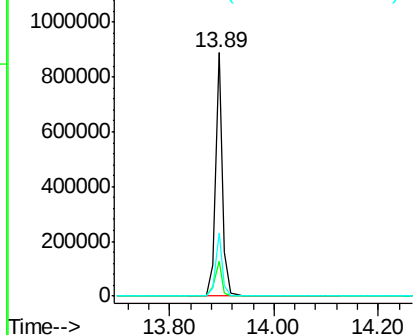


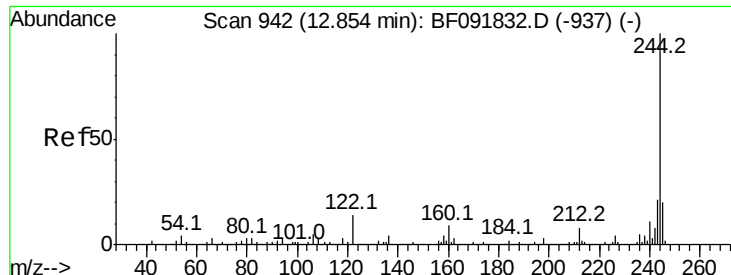
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF091866.D
Acq: 22 Dec 2016 6:12

Tgt Ion:240 Resp: 824249
Ion Ratio Lower Upper
240 100
120 14.3 12.9 19.3
236 25.7 20.9 31.3



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: 71.12 ng

RT: 12.85 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF091866.D

Acq: 22 Dec 2016 6:12

Instrument :

BNA_F

ClientSampleId :

MW-13

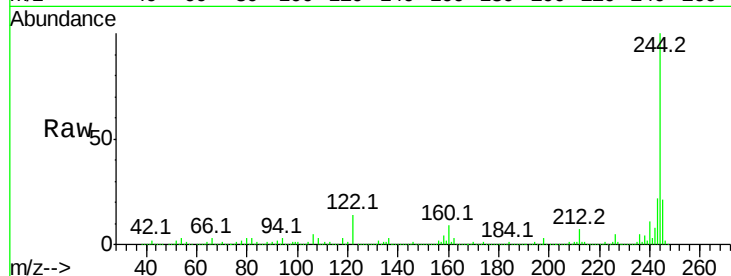
Tot Ion:244 Resp: 2417106

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

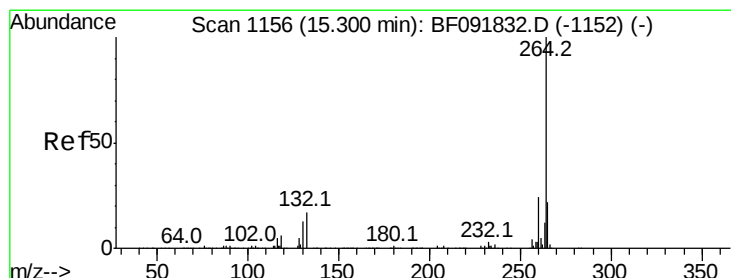
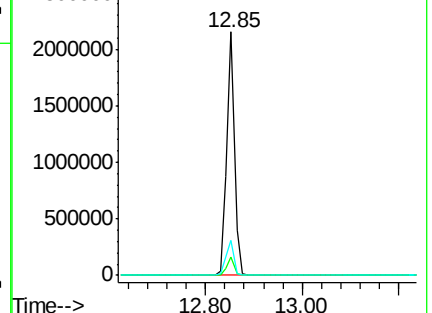
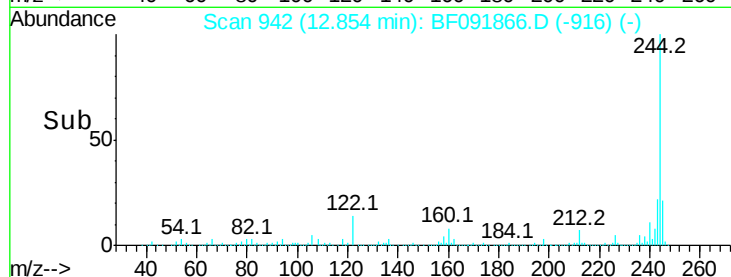
122 14.2 11.4 17.2



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: 15.29 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BF091866.D

Acq: 22 Dec 2016 6:12

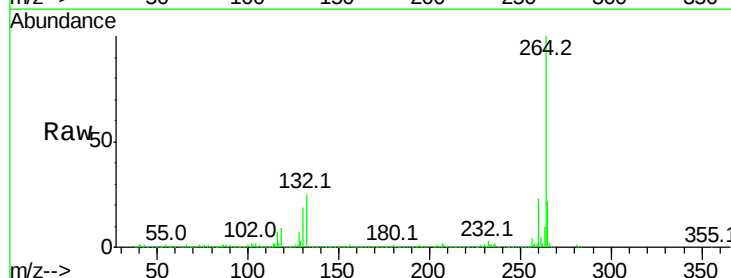
Tgt Ion:264 Resp: 658048

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 21.8 17.4 26.0



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

