

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122916\
 Data File : BF092033.D
 Acq On : 29 Dec 2016 19:29
 Operator : UM/SJ
 Sample : H6301-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-27

Quant Time: Dec 30 00:13:45 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 17:32:10 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	184978	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	736253	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	387685	20.00	ng	-0.03
63) Phenanthrene-d10	11.21	188	318181	20.00	ng	-0.02
75) Chrysene-d12	13.84	240	261896	20.00	ng	-0.03
86) Perylene-d12	15.22	264	312966	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	814658	73.54	ng	-0.02
7) Phenol-d6	6.35	99	640696	47.37	ng	-0.03
23) Nitrobenzene-d5	7.26	82	1340370	101.23	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	459491	143.22	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	1939406	105.63	ng	-0.02
78) Terphenyl-d14	12.80	244	1064730	98.60	ng	-0.02

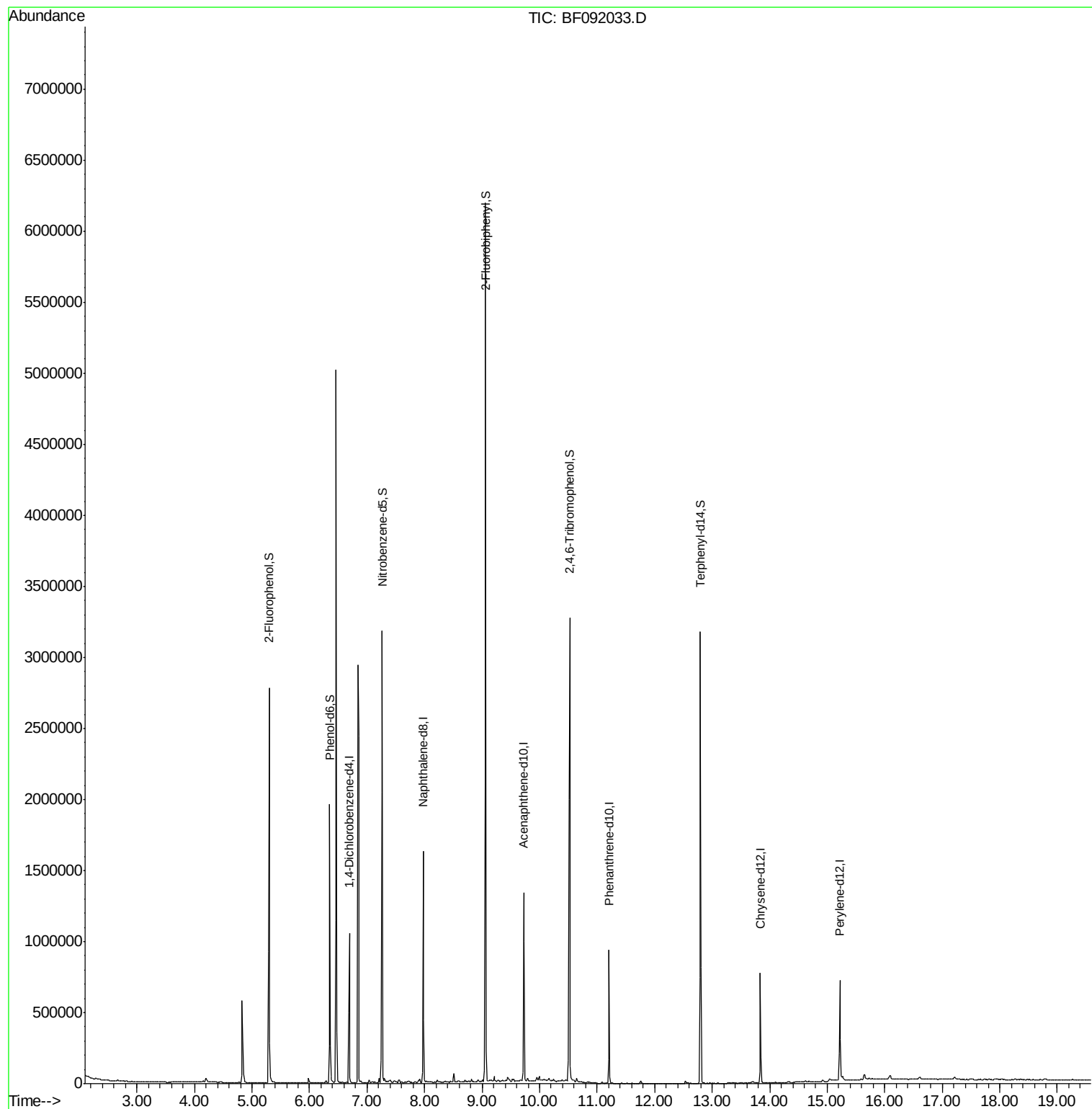
Target Compounds Qvalue

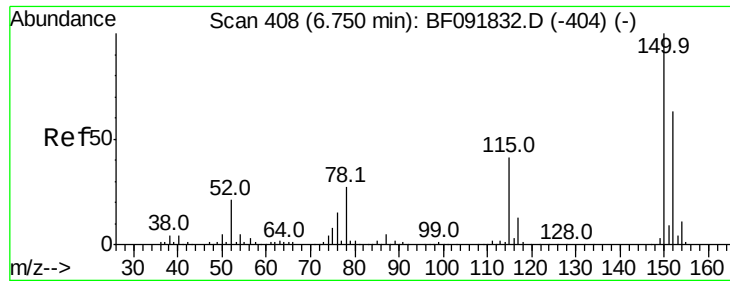
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.69 min Scan# 403

Delta R.T. -0.01 min

Lab File: BF092033.D

Acq: 29 Dec 2016 19:29

Instrument :

BNA_F

ClientSampleId :

MW-27

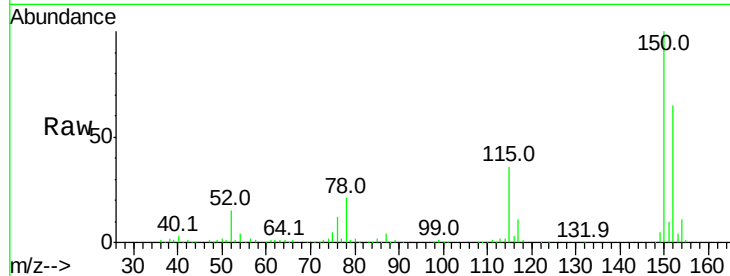
Tot Ion:152 Resp: 184978

Ion Ratio Lower Upper

152 100

150 154.7 124.9 187.3

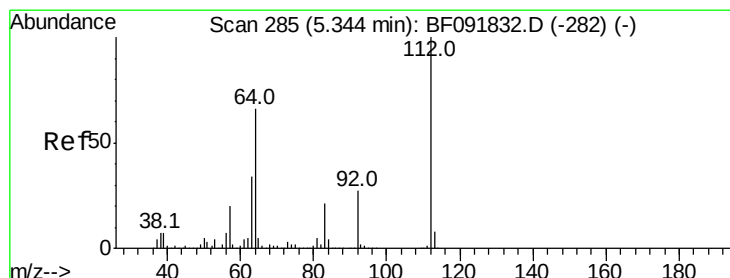
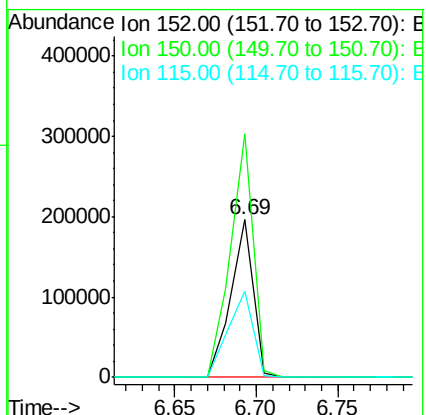
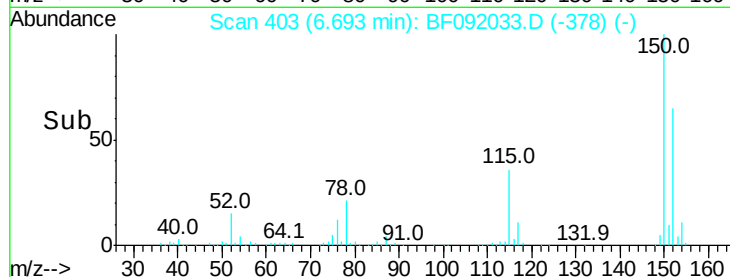
115 55.1 46.0 69.0



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: 73.54 ng

RT: 5.30 min Scan# 281

Delta R.T. -0.02 min

Lab File: BF092033.D

Acq: 29 Dec 2016 19:29

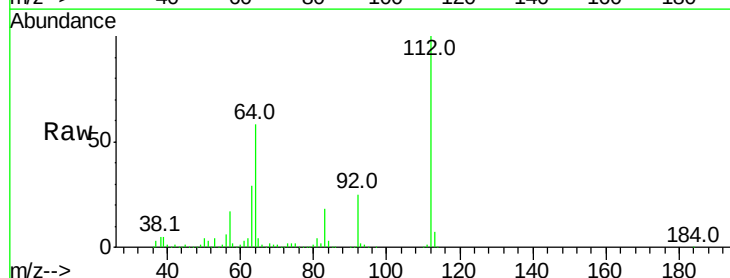
Tgt Ion:112 Resp: 814658

Ion Ratio Lower Upper

112 100

64 57.6 46.1 69.1

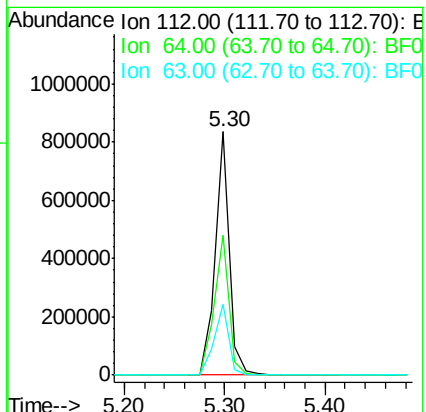
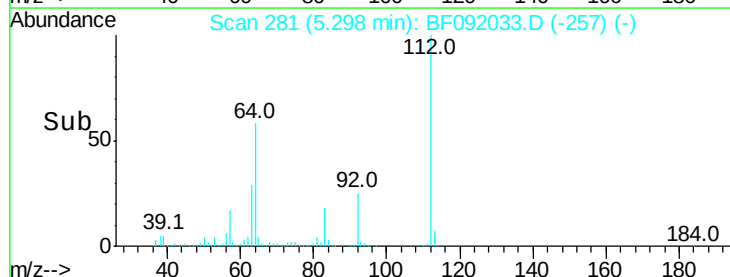
63 29.2 23.8 35.6

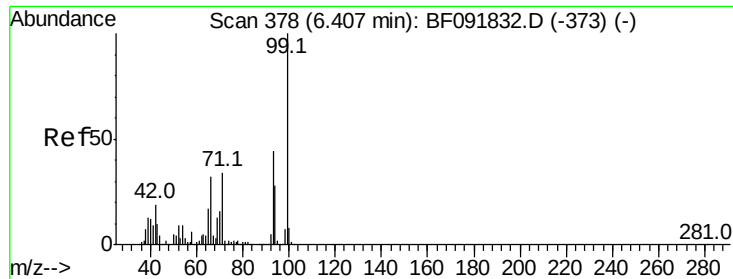


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 47.37 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.03 min

Lab File: BF092033.D

Acq: 29 Dec 2016 19:29

Instrument :

BNA_F

ClientSampleId :

MW-27

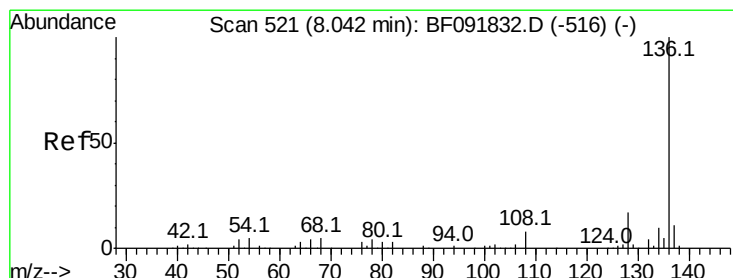
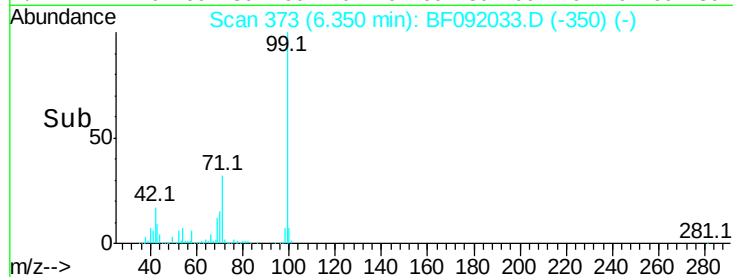
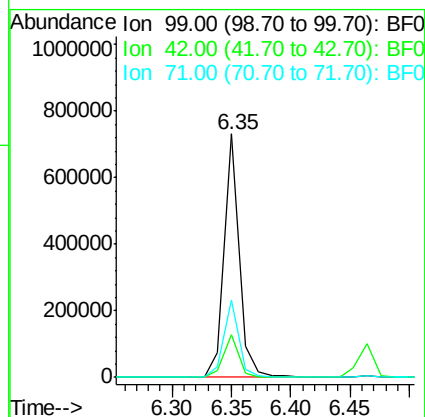
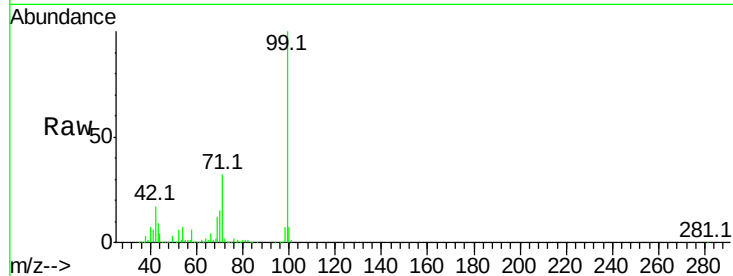
Tot Ion: 99 Resp: 640696

Ion Ratio Lower Upper

99 100

42 17.4 15.6 23.4

71 31.9 27.5 41.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.97 min Scan# 515

Delta R.T. -0.02 min

Lab File: BF092033.D

Acq: 29 Dec 2016 19:29

Tgt Ion: 136 Resp: 736253

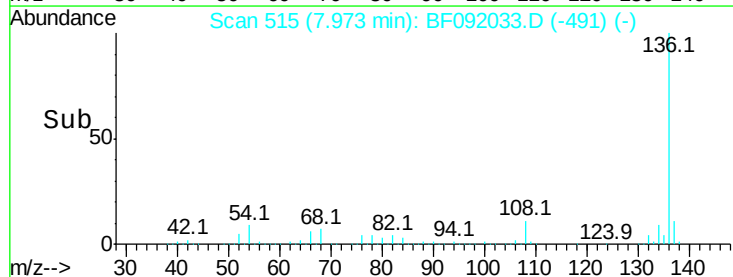
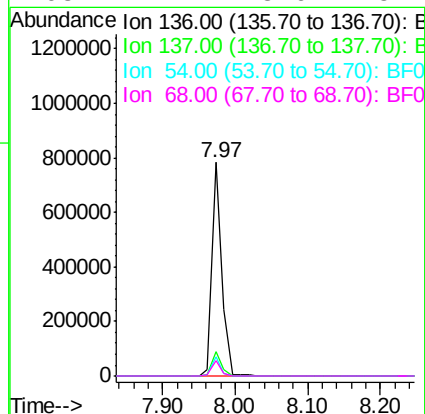
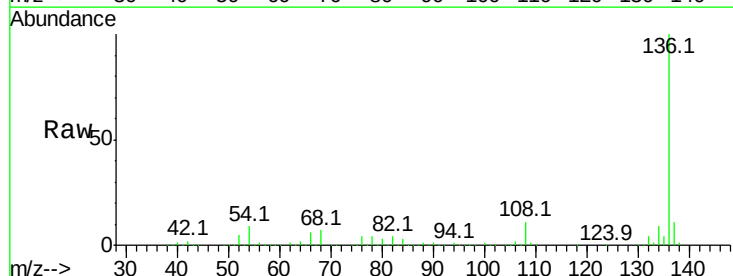
Ion Ratio Lower Upper

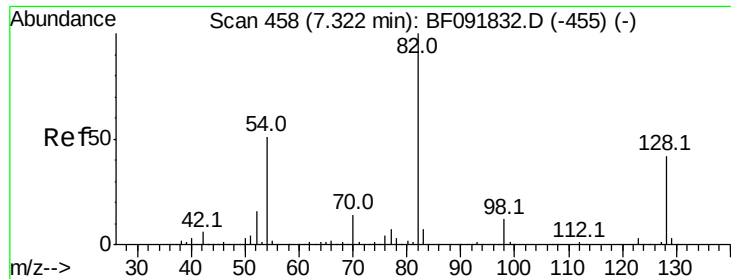
136 100

137 11.4 8.4 12.6

54 9.0 4.5 6.7#

68 7.1 3.6 5.4#



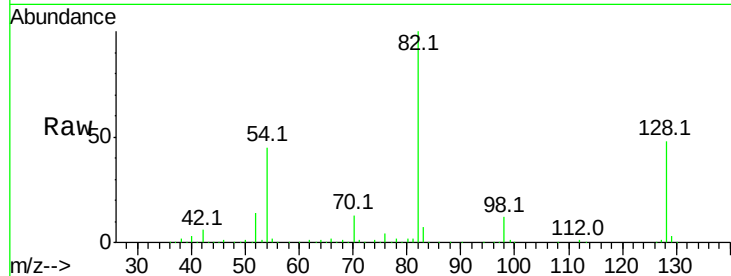


#23
 Nitrobenzene-d5
 Concen: 101.23 ng
 RT: 7.26 min Scan# 453
 Delta R.T. -0.02 min
 Lab File: BF092033.D
 Acq: 29 Dec 2016 19:29

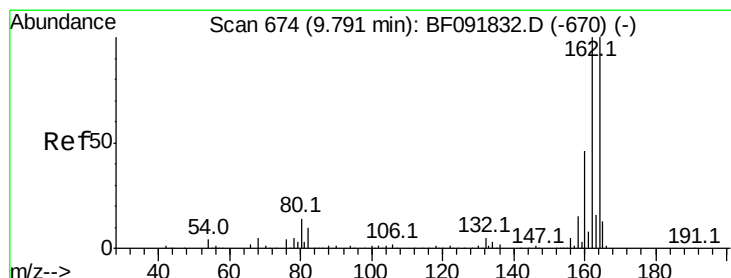
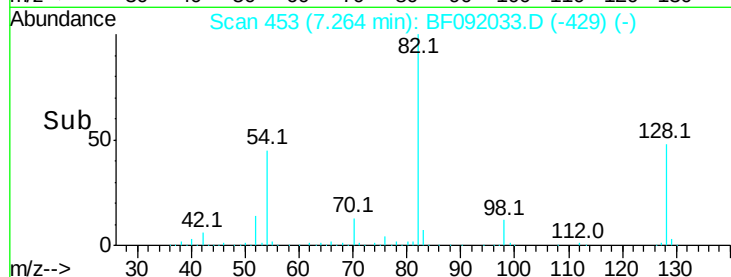
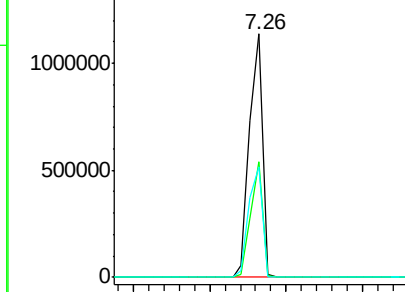
Instrument :
 BNA_F
 ClientSampleId :
 MW-27

Tot Ion: 82 Resp: 1340370

Ion	Ratio	Lower	Upper
82	100		
128	47.6	34.6	52.0
54	45.1	39.5	59.3



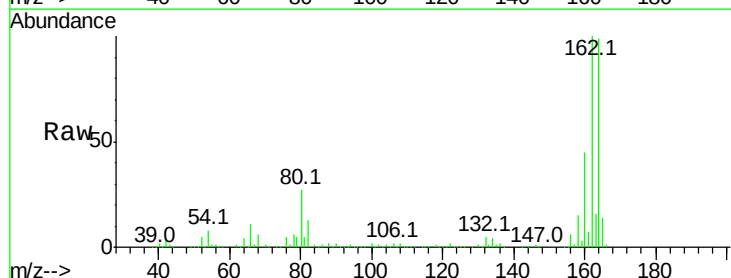
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0



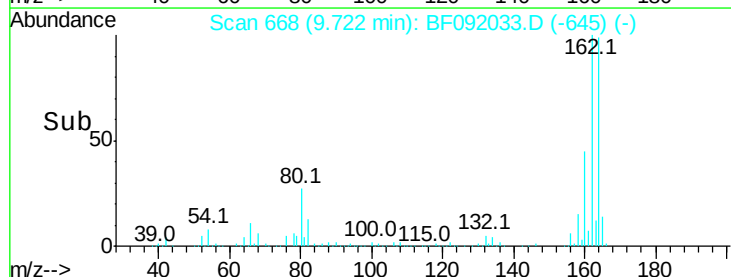
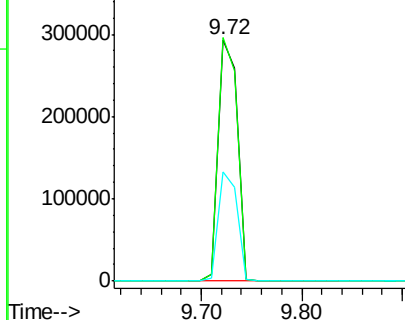
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.72 min Scan# 668
 Delta R.T. -0.03 min
 Lab File: BF092033.D
 Acq: 29 Dec 2016 19:29

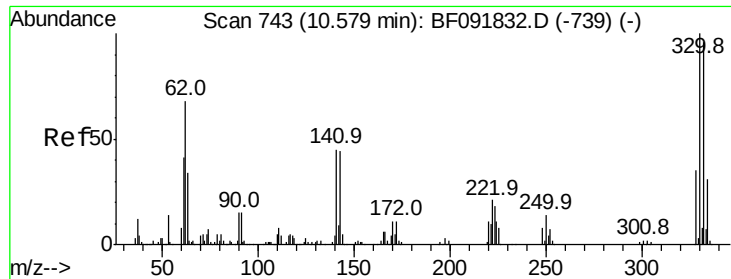
Tgt Ion:164 Resp: 387685

Ion	Ratio	Lower	Upper
164	100		
162	100.8	80.2	120.2
160	45.3	36.9	55.3



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

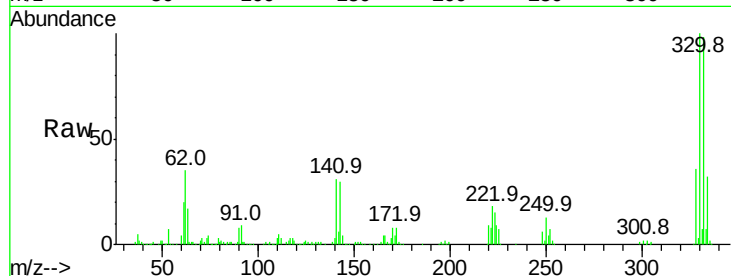




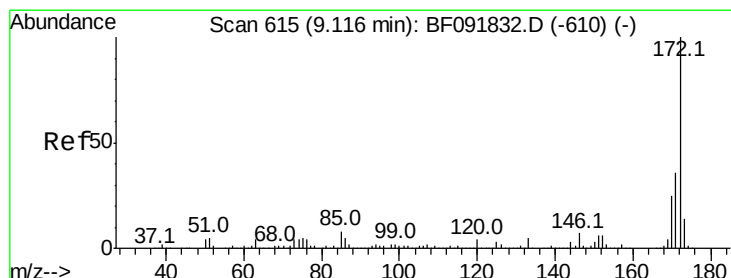
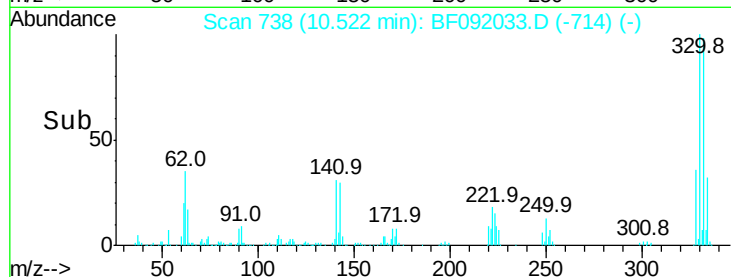
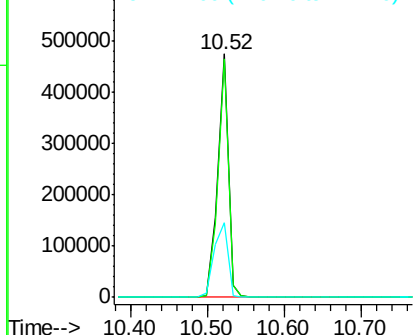
#41
 2,4,6-Tribromophenol
 Concen: 143.22 ng
 RT: 10.52 min Scan# 738
 Delta R.T. -0.02 min
 Lab File: BF092033.D
 Acq: 29 Dec 2016 19:29

Instrument :
 BNA_F
 ClientSampleId :
 MW-27

Tot Ion:330 Resp: 459491
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.4 116.2
 141 39.2 34.1 51.1

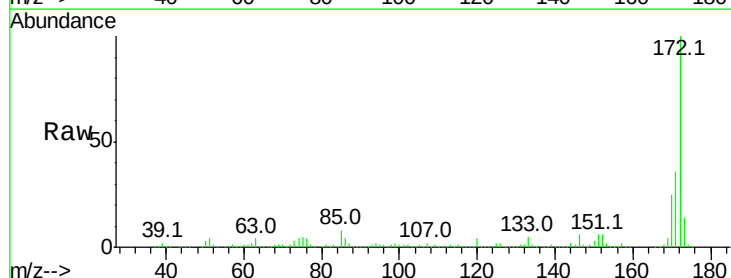


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

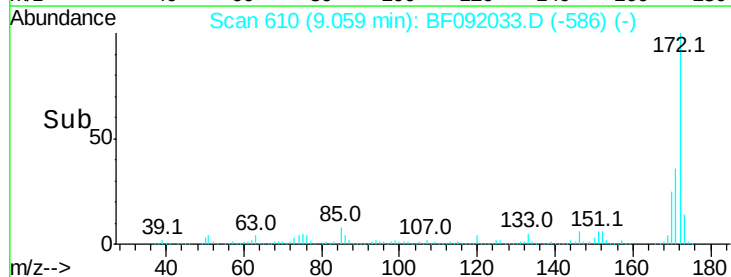
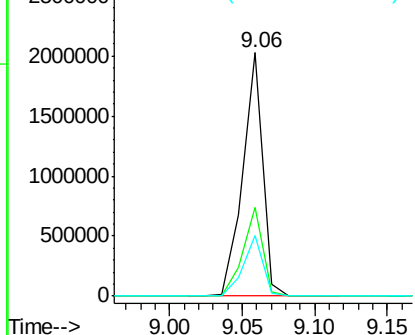


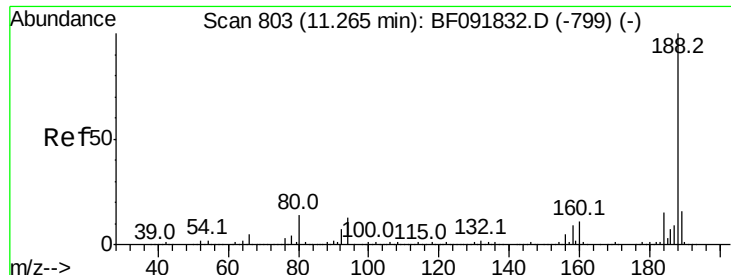
#44
 2-Fluorobiphenyl
 Concen: 105.63 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.02 min
 Lab File: BF092033.D
 Acq: 29 Dec 2016 19:29

Tgt Ion:172 Resp: 1939406
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.4 44.0
 170 24.8 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

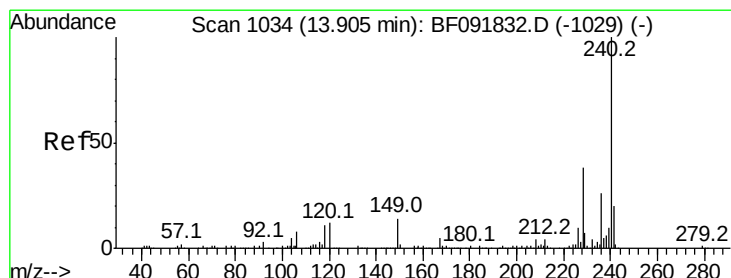
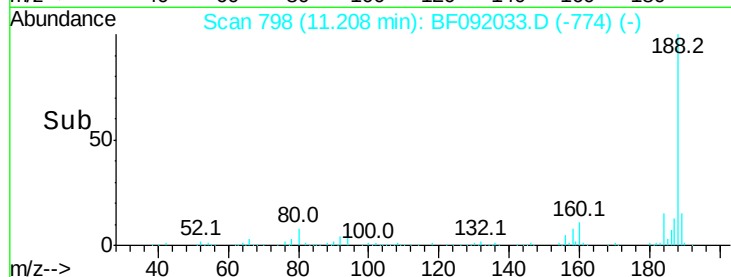
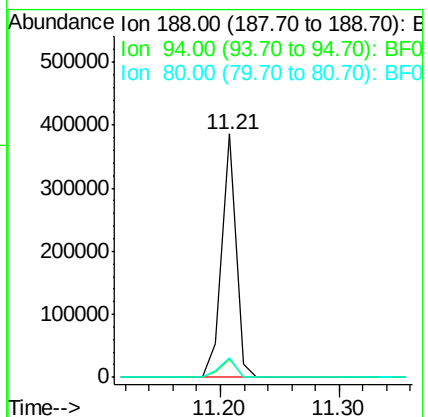
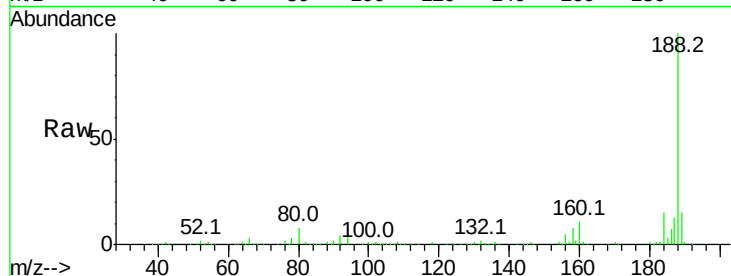




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 798
Delta R.T. -0.02 min
Lab File: BF092033.D
Acq: 29 Dec 2016 19:29

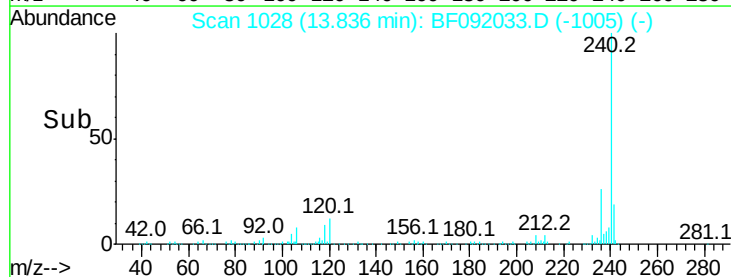
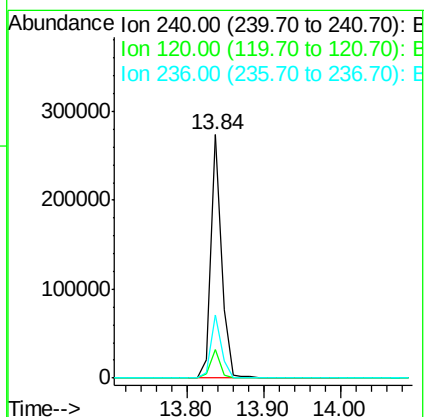
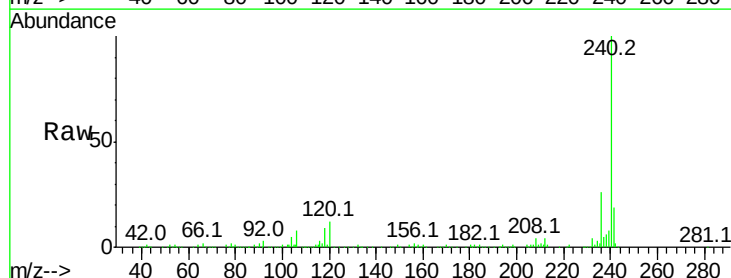
Instrument :
BNA_F
ClientSampleId :
MW-27

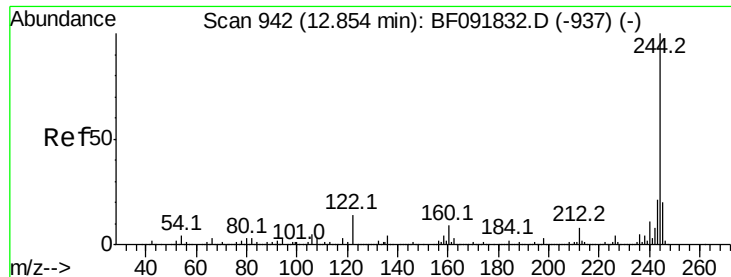
Tot Ion:188 Resp: 318181
Ion Ratio Lower Upper
188 100
94 7.3 10.0 15.0#
80 8.0 11.2 16.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.84 min Scan# 1028
Delta R.T. -0.03 min
Lab File: BF092033.D
Acq: 29 Dec 2016 19:29

Tgt Ion:240 Resp: 261896
Ion Ratio Lower Upper
240 100
120 11.6 12.9 19.3#
236 26.2 20.9 31.3





#78

Terphenyl-d14

Concen: 98.60 ng

RT: 12.80 min Scan# 937

Delta R.T. -0.02 min

Lab File: BF092033.D

Acq: 29 Dec 2016 19:29

Instrument :

BNA_F

ClientSampleId :

MW-27

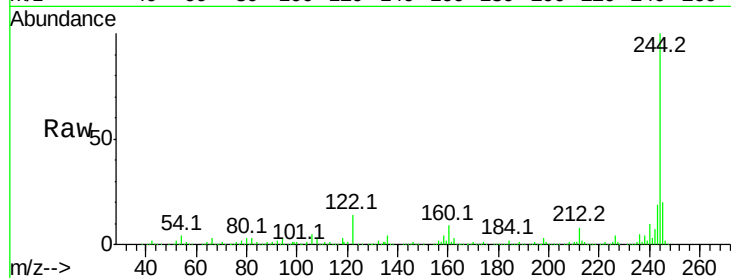
Tot Ion:244 Resp: 1064730

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

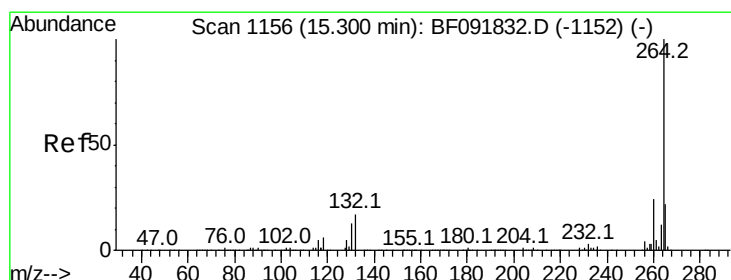
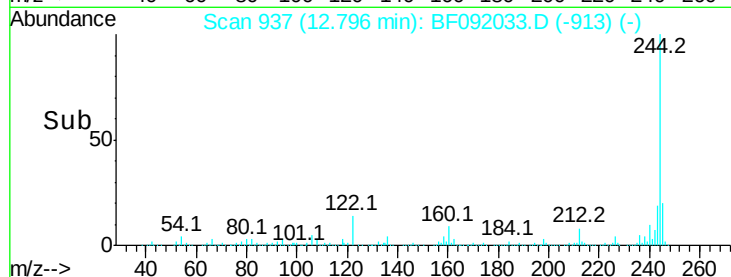
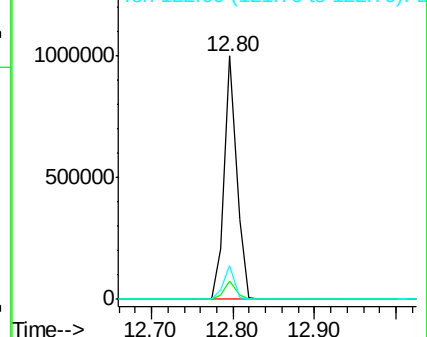
122 13.8 11.4 17.2



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: 15.22 min Scan# 1149

Delta R.T. -0.03 min

Lab File: BF092033.D

Acq: 29 Dec 2016 19:29

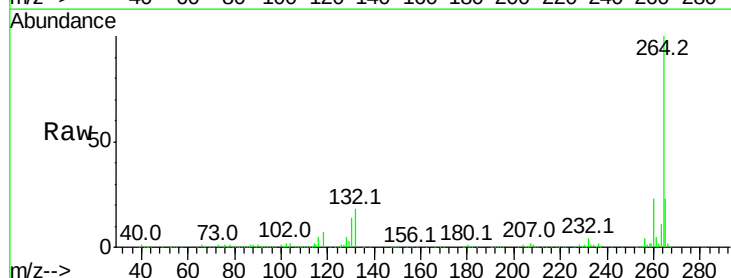
Tgt Ion:264 Resp: 312966

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 22.8 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

