

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012017\
 Data File : BF092400.D
 Acq On : 21 Jan 2017 6:27
 Operator : UM/SJ
 Sample : I1266-01
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-04

Quant Time: Jan 23 00:04:19 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jan 22 23:53:24 2017
 Response via : Initial Calibration

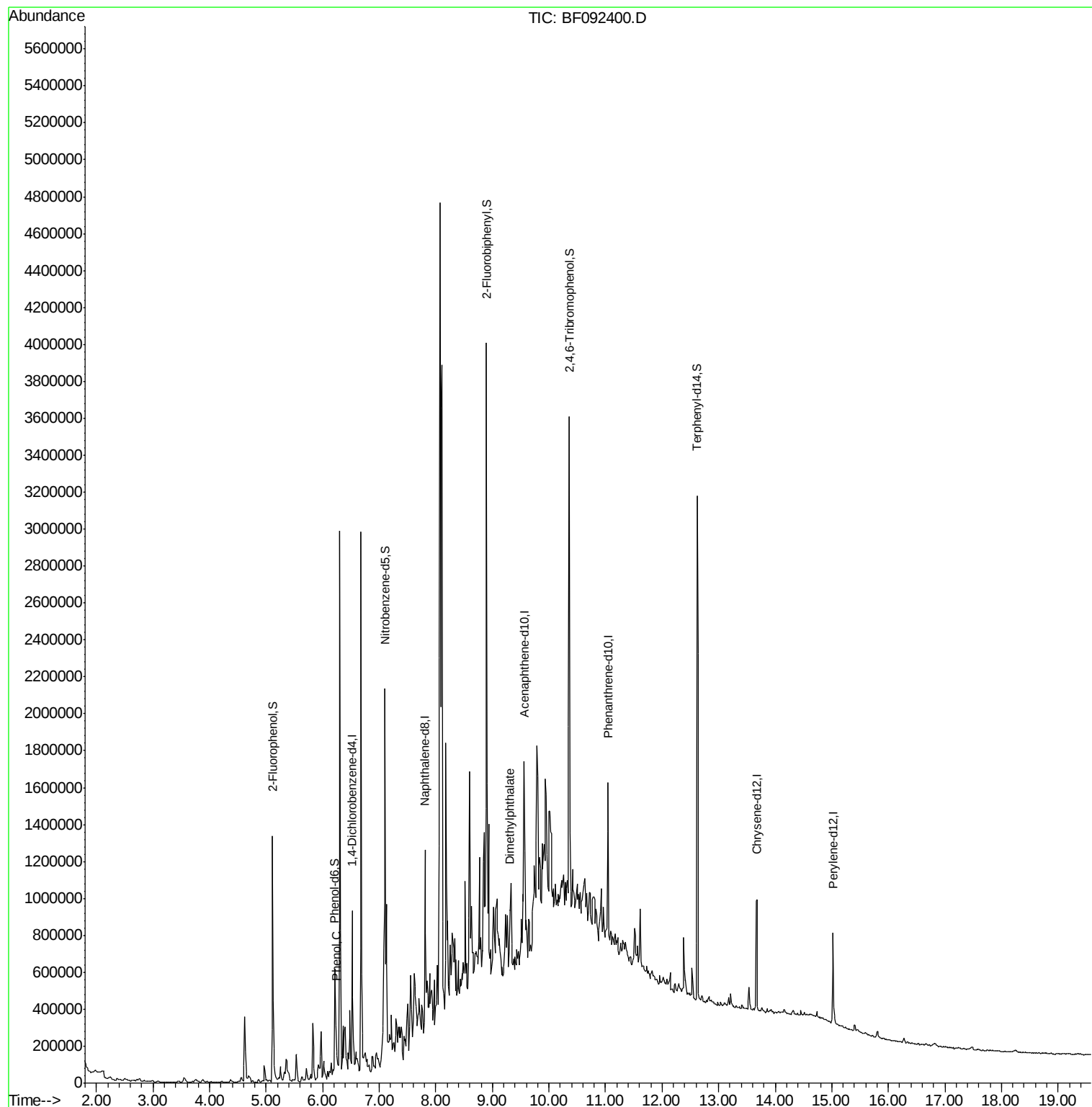
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	134477	20.00	ng	0.00
21) Naphthalene-d8	7.81	136	441237	20.00	ng	0.00
38) Acenaphthene-d10	9.56	164	212470	20.00	ng	0.00
63) Phenanthrene-d10	11.04	188	414775	20.00	ng	0.01
75) Chrysene-d12	13.67	240	327214	20.00	ng	0.00
86) Perylene-d12	15.02	264	236430	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.11	112	476686	59.19	ng	0.01
7) Phenol-d6	6.21	99	359374	36.55	ng	0.01
23) Nitrobenzene-d5	7.10	82	814343	102.63	ng	0.00
41) 2,4,6-Tribromophenol	10.36	330	290578	165.26	ng	0.01
44) 2-Fluorobiphenyl	8.90	172	1221410	123.65	ng	0.00
78) Terphenyl-d14	12.62	244	1191244	88.29	ng	0.00
Target Compounds						
10) Phenol	6.23	94	34826	3.11	ng	94
49) Dimethylphthalate	9.31	163	39648	2.92	ng	# 69

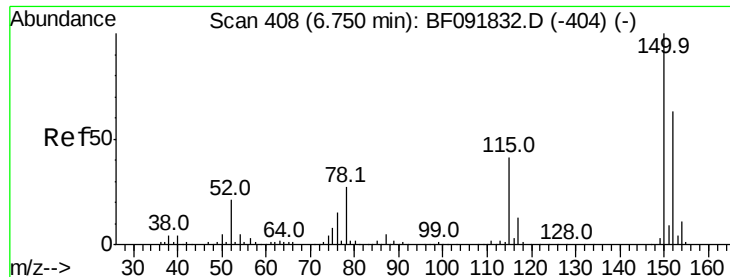
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.52 min Scan# 414

Delta R.T. -0.00 min

Lab File: BF092400.D

Acq: 21 Jan 2017 6:27

Instrument :

BNA_F

ClientSampleId :

MW-04

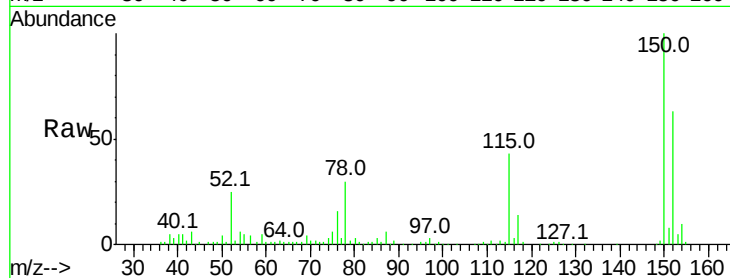
Tot Ion:152 Resp: 134477

Ion Ratio Lower Upper

152 100

150 158.4 124.9 187.3

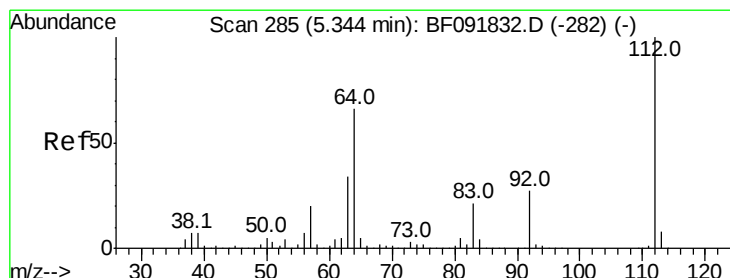
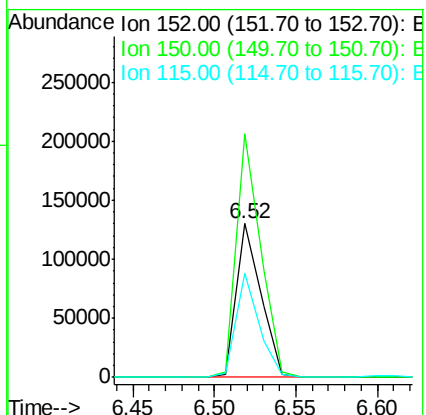
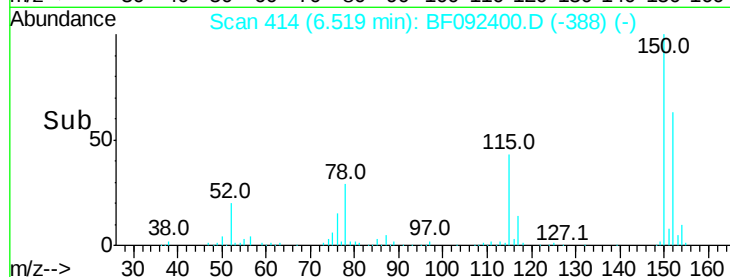
115 68.0 46.0 69.0



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: 59.19 ng

RT: 5.11 min Scan# 291

Delta R.T. 0.01 min

Lab File: BF092400.D

Acq: 21 Jan 2017 6:27

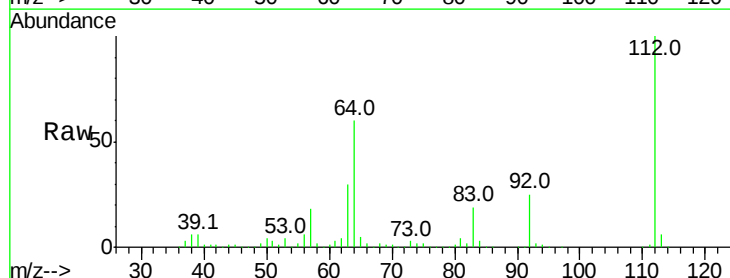
Tgt Ion:112 Resp: 476686

Ion Ratio Lower Upper

112 100

64 60.3 46.1 69.1

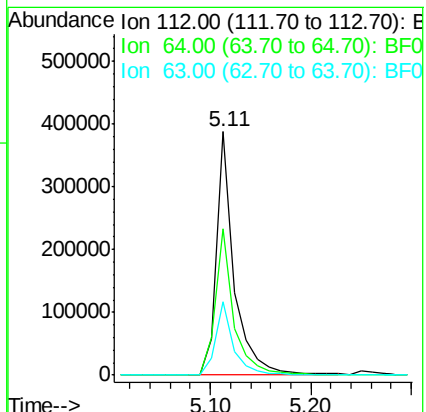
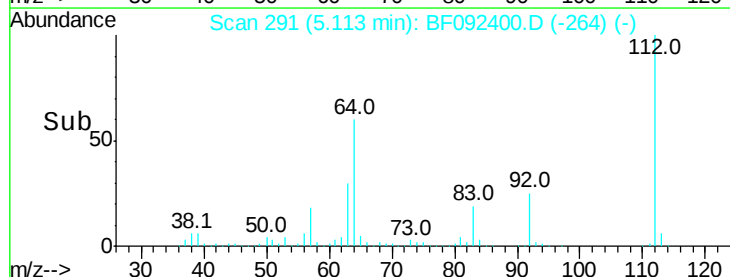
63 30.1 23.8 35.6



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: 36.55 ng

RT: 6.21 min Scan# 387

Delta R.T. 0.01 min

Lab File: BF092400.D

Acq: 21 Jan 2017 6:27

Instrument :

BNA_F

ClientSampleId :

MW-04

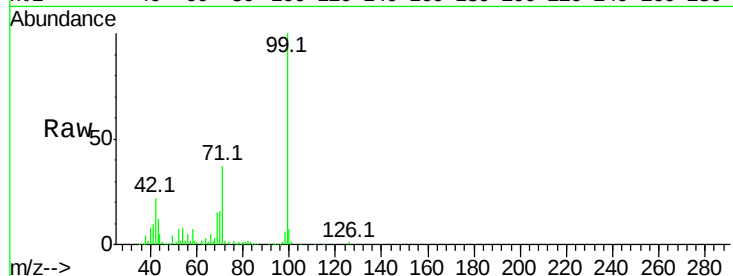
Tot Ion: 99 Resp: 359374

Ion Ratio Lower Upper

99 100

42 22.4 15.6 23.4

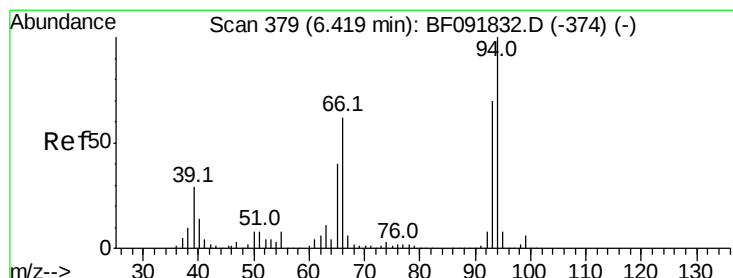
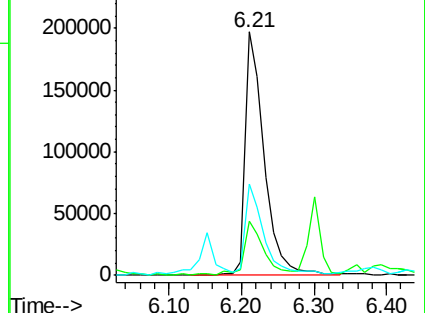
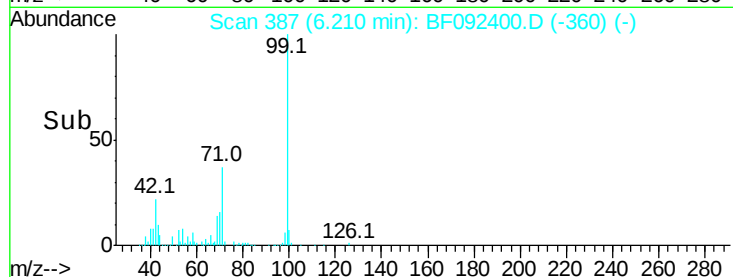
71 37.2 27.5 41.3



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



#10

Phenol

Concen: 3.11 ng

RT: 6.23 min Scan# 389

Delta R.T. 0.02 min

Lab File: BF092400.D

Acq: 21 Jan 2017 6:27

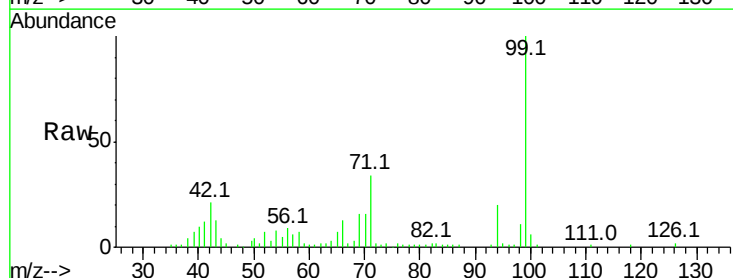
Tgt Ion: 94 Resp: 34826

Ion Ratio Lower Upper

94 100

65 32.6 21.4 61.4

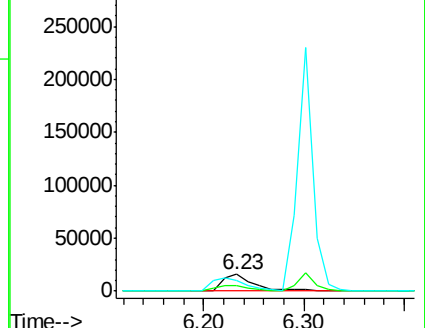
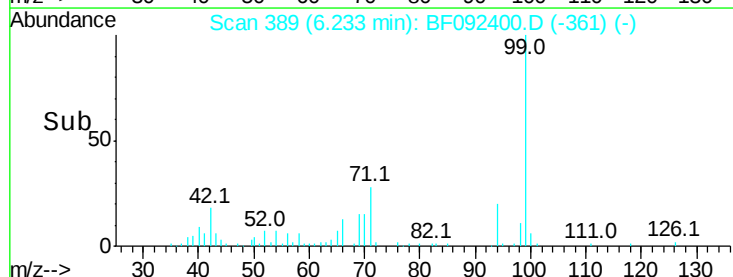
66 64.9 44.0 84.0

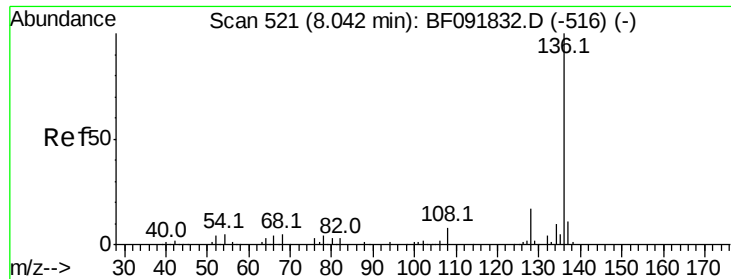


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

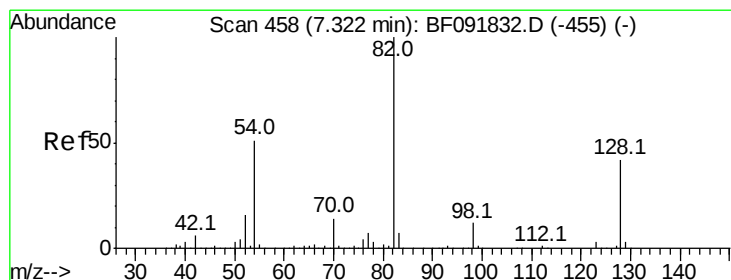
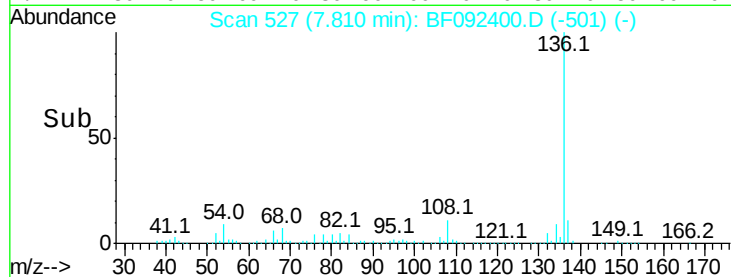
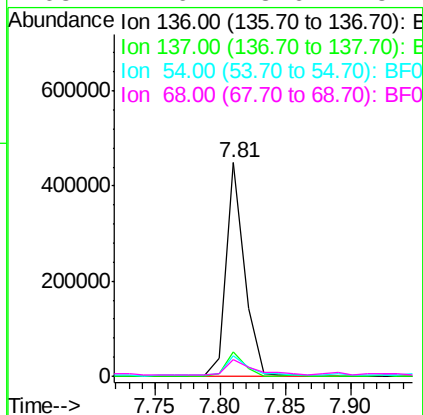
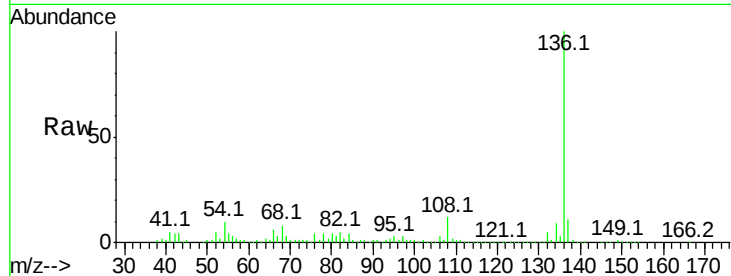




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.81 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF092400.D
Acq: 21 Jan 2017 6:27

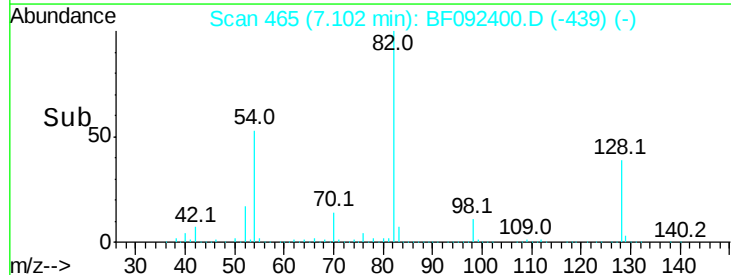
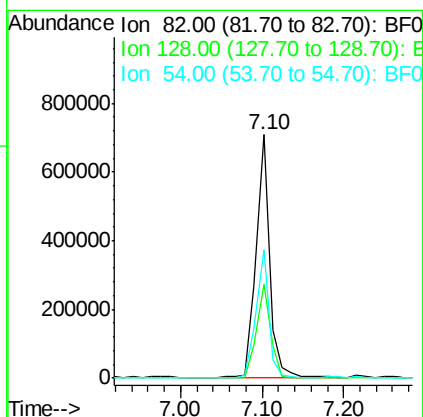
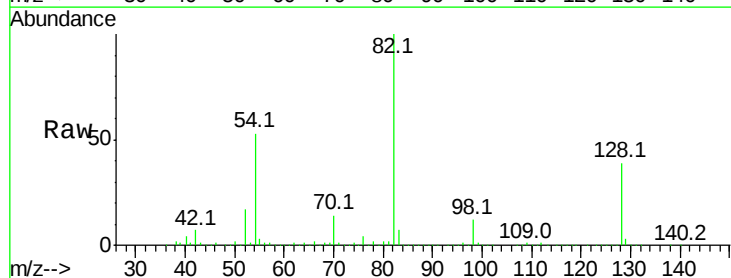
Instrument :
BNA_F
ClientSampleId :
MW-04

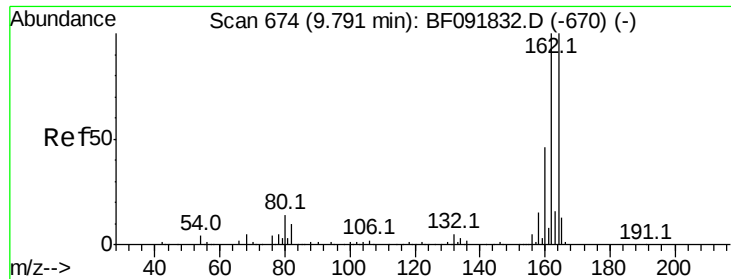
Tot Ion:136	Resp:	441237
Ion	Ratio	Lower Upper
136	100	
137	11.4	8.4 12.6
54	9.7	4.5 6.7#
68	7.6	3.6 5.4#



#23
Nitrobenzene-d5
Concen: 102.63 ng
RT: 7.10 min Scan# 465
Delta R.T. -0.00 min
Lab File: BF092400.D
Acq: 21 Jan 2017 6:27

Tgt Ion: 82	Resp:	814343
Ion	Ratio	Lower Upper
82	100	
128	38.7	34.6 52.0
54	52.6	39.5 59.3





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.56 min Scan# 680

Delta R.T. -0.00 min

Lab File: BF092400.D

Acq: 21 Jan 2017 6:27

Instrument :

BNA_F

ClientSampleId :

MW-04

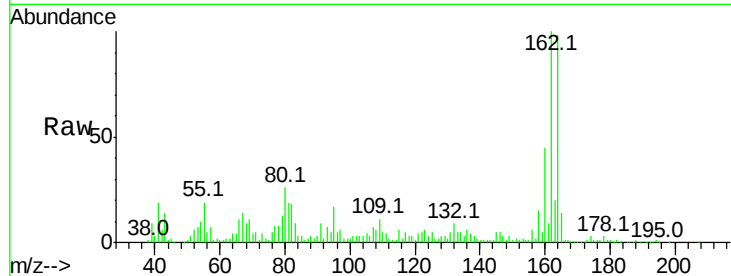
Tot Ion:164 Resp: 212470

Ion Ratio Lower Upper

164 100

162 102.0 80.2 120.2

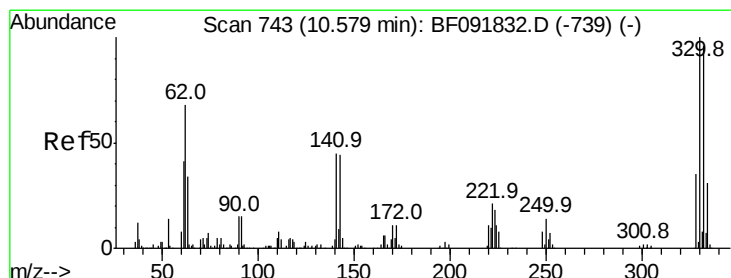
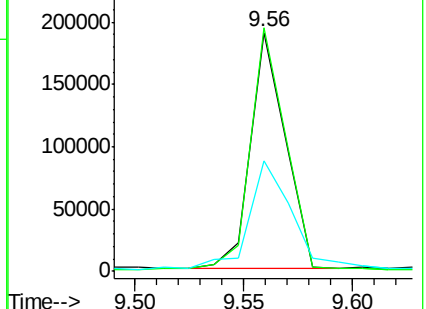
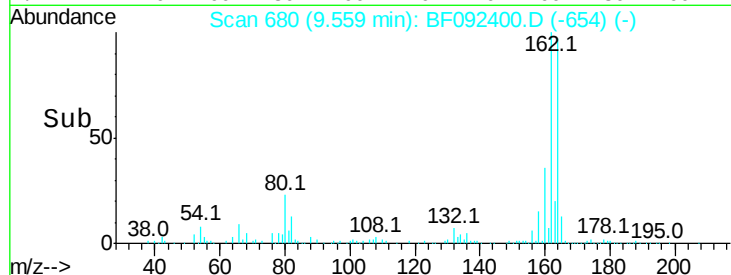
160 46.1 36.9 55.3



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: 165.26 ng

RT: 10.36 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF092400.D

Acq: 21 Jan 2017 6:27

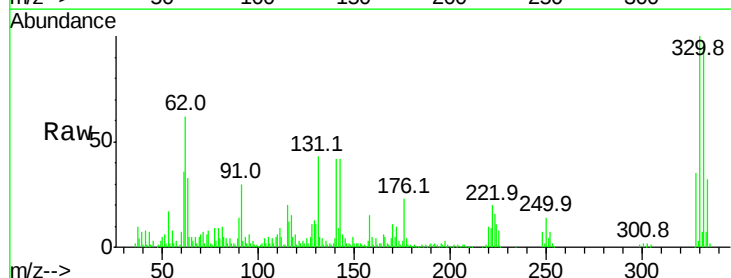
Tgt Ion:330 Resp: 290578

Ion Ratio Lower Upper

330 100

332 96.7 77.4 116.2

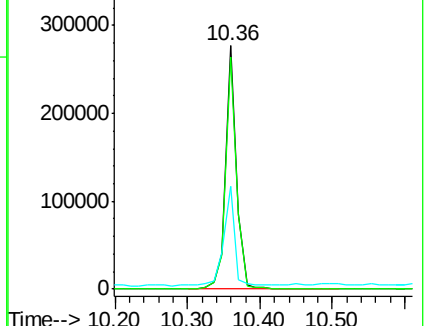
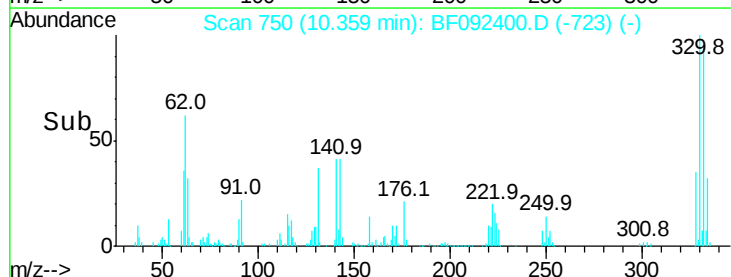
141 40.6 34.1 51.1

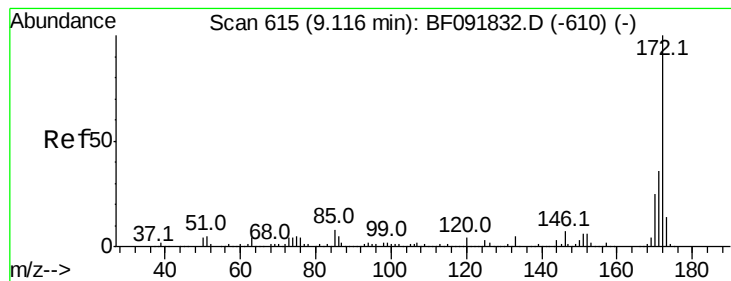


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 123.65 ng

RT: 8.90 min Scan# 622

Delta R.T. -0.00 min

Lab File: BF092400.D

Acq: 21 Jan 2017 6:27

Instrument :

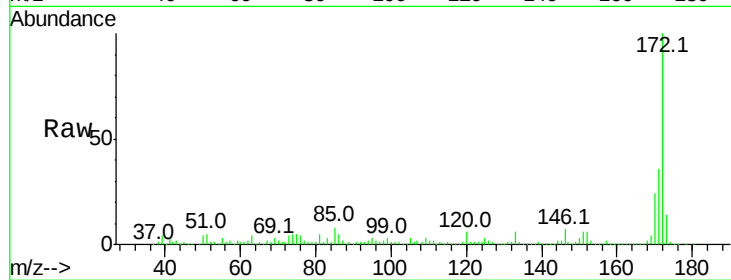
BNA_F

ClientSampleId :

MW-04

Tot Ion:172 Resp: 1221410

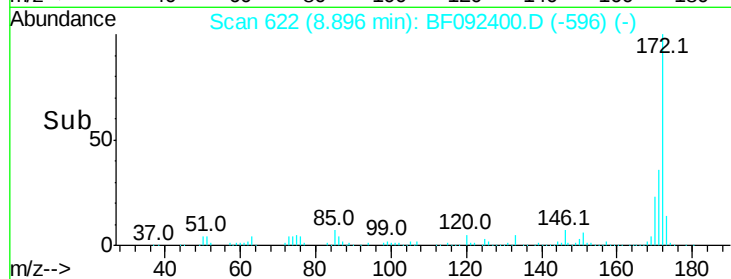
Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.4	44.0
170	23.5	20.2	30.4



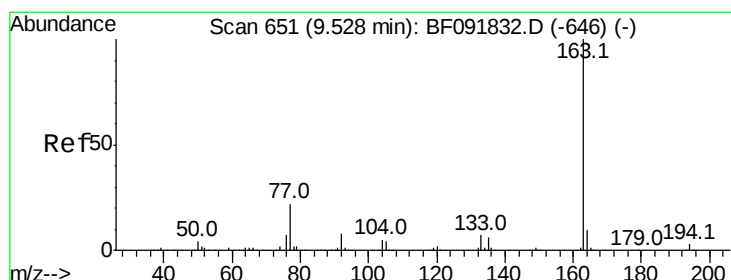
Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



Time-->



#49

Dimethylphthalate

Concen: 2.92 ng

RT: 9.31 min Scan# 658

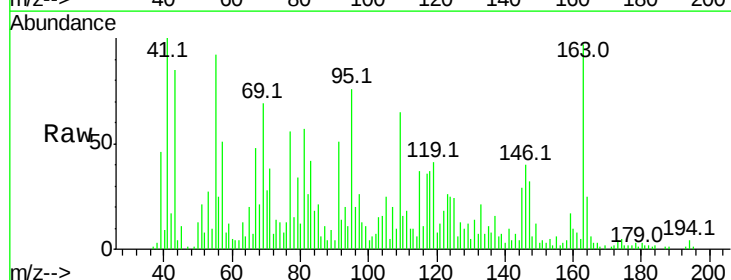
Delta R.T. -0.00 min

Lab File: BF092400.D

Acq: 21 Jan 2017 6:27

Tgt Ion:163 Resp: 39648

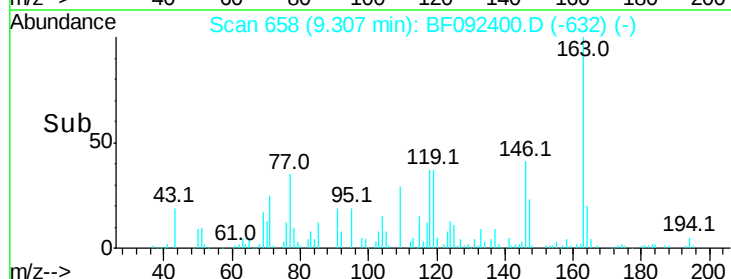
Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.0	4.4
164	25.6	8.0	12.0#



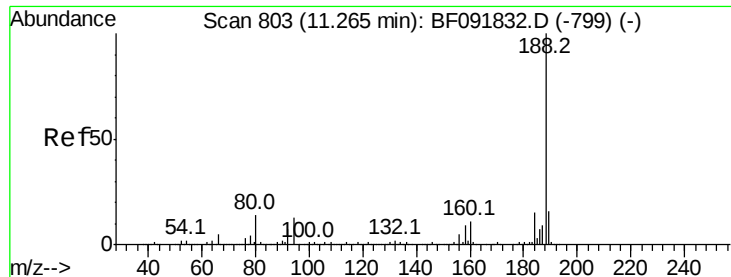
Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



Time-->



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.04 min Scan# 810

Delta R.T. 0.01 min

Lab File: BF092400.D

Acq: 21 Jan 2017 6:27

Instrument :

BNA_F

ClientSampled :

MW-04

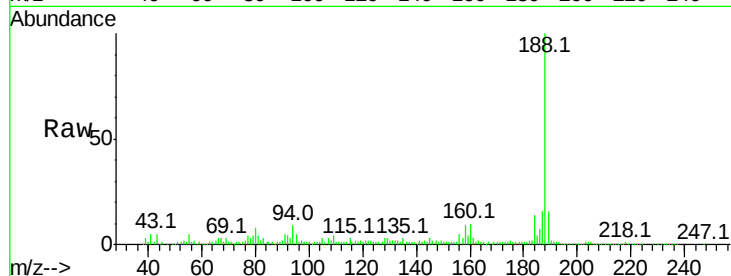
Tot Ion:188 Resp: 414775

Ion Ratio Lower Upper

188 100

94 8.6 10.0 15.0#

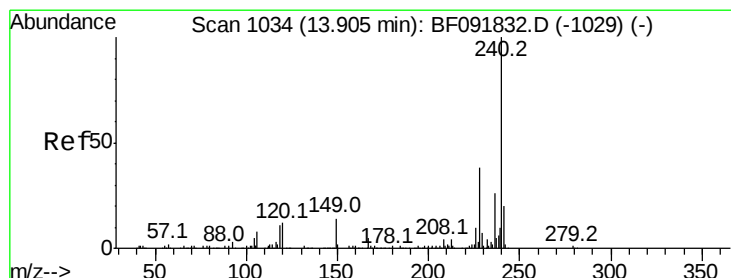
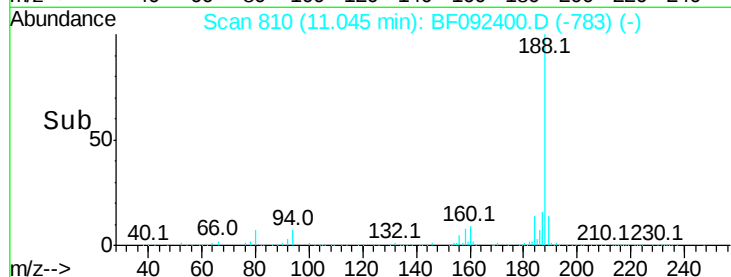
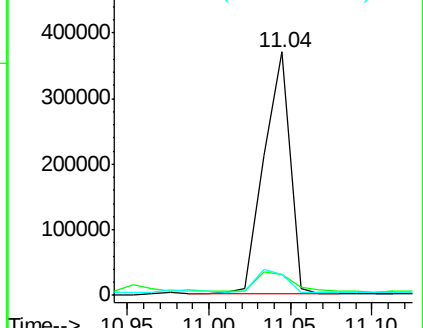
80 8.4 11.2 16.8#



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: 13.67 min Scan# 1040

Delta R.T. -0.00 min

Lab File: BF092400.D

Acq: 21 Jan 2017 6:27

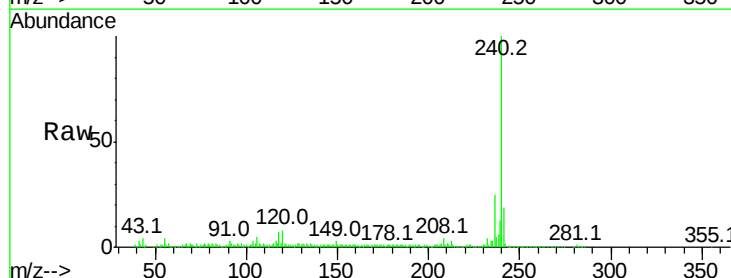
Tgt Ion:240 Resp: 327214

Ion Ratio Lower Upper

240 100

120 7.7 12.9 19.3#

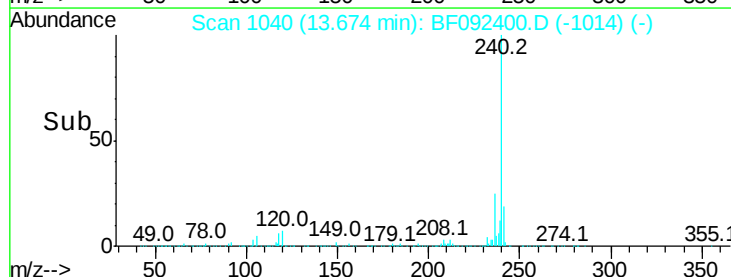
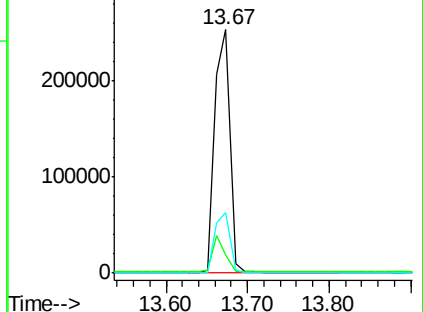
236 24.8 20.9 31.3

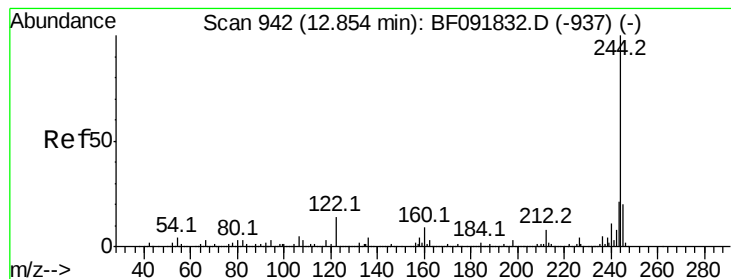


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 88.29 ng

RT: 12.62 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF092400.D

Acq: 21 Jan 2017 6:27

Instrument :

BNA_F

ClientSampleId :

MW-04

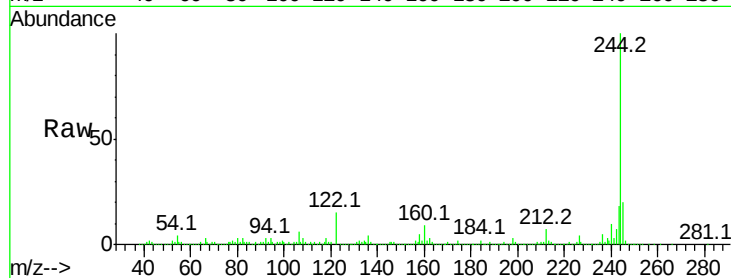
Tot Ion:244 Resp: 1191244

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

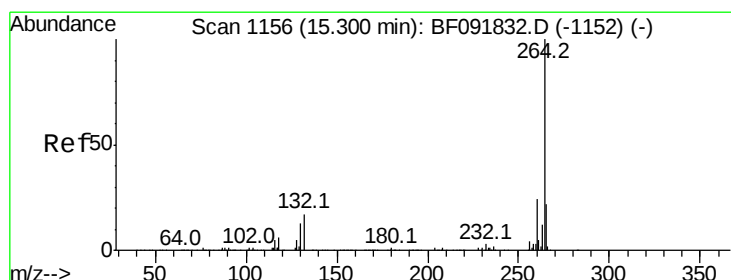
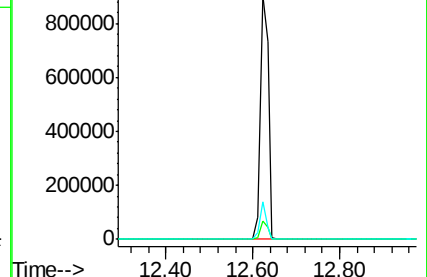
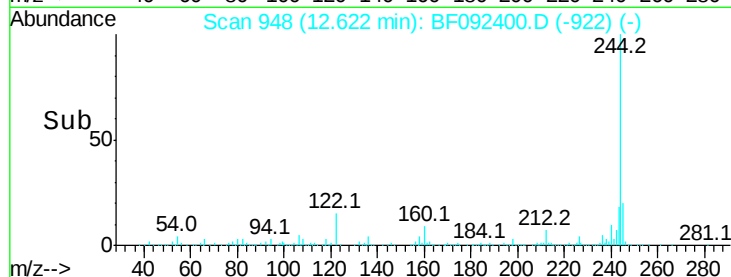
122 15.2 11.4 17.2



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: 15.02 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BF092400.D

Acq: 21 Jan 2017 6:27

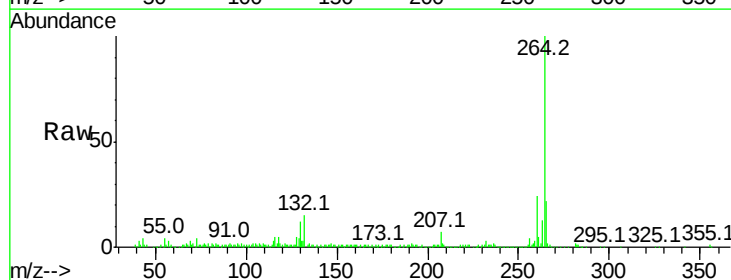
Tgt Ion:264 Resp: 236430

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 21.9 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

