

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121316\
 Data File : BF091558.D
 Acq On : 13 Dec 2016 17:13
 Operator : UM/SJ
 Sample : H5922-01 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC120716

Quant Time: Dec 14 00:20:25 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 19:00:21 2016
 Response via : Initial Calibration

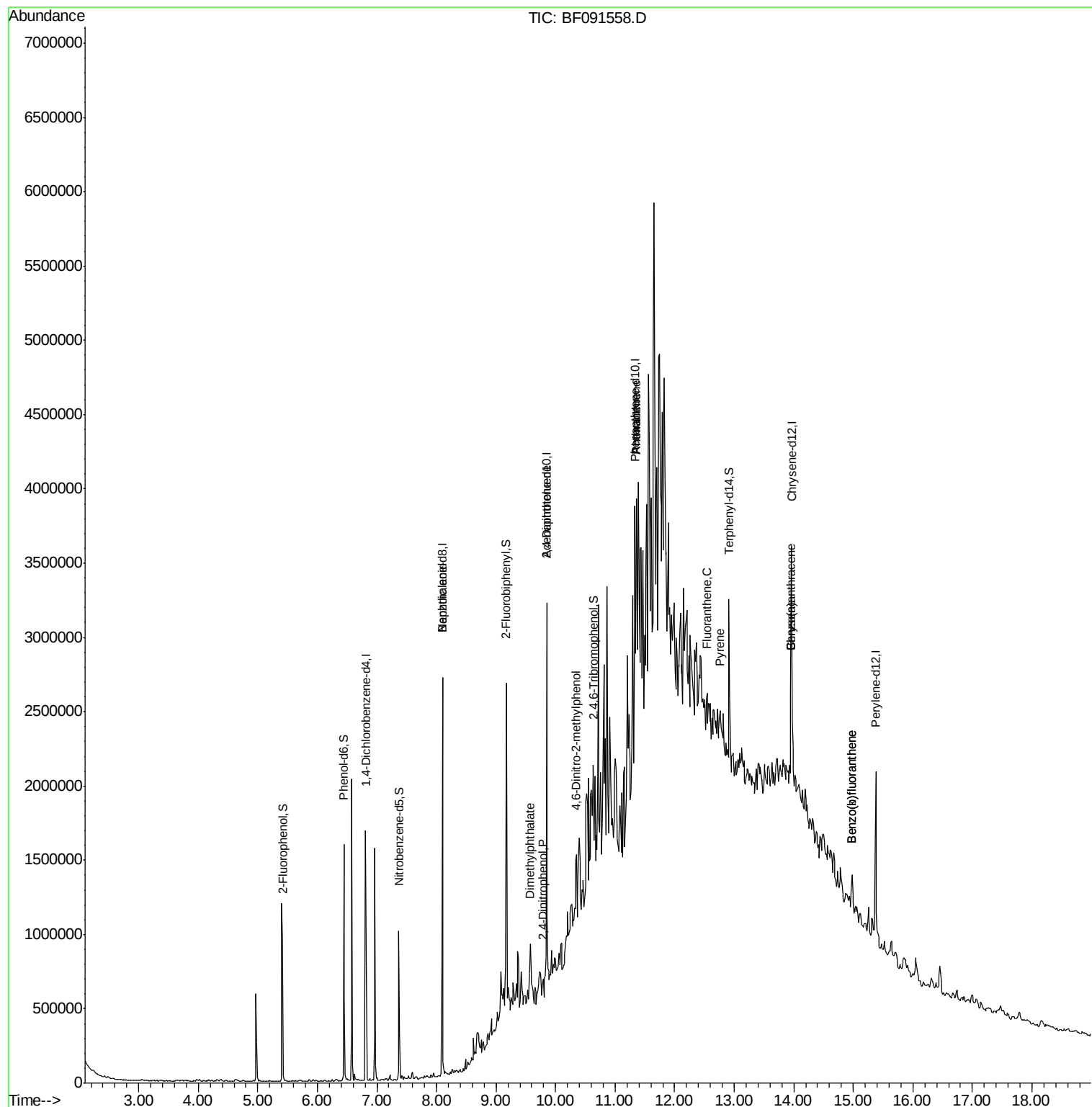
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	285540	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	1189915	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	522502	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	727323	20.00	ng	0.00
75) Chrysene-d12	13.96	240	525543	20.00	ng	0.00
86) Perylene-d12	15.38	264	557348	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	455032	26.85	ng	0.00
7) Phenol-d6	6.44	99	554446	26.24	ng	-0.01
23) Nitrobenzene-d5	7.37	82	339035	15.90	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	93811	21.62	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	648836	21.46	ng	-0.01
78) Terphenyl-d14	12.91	244	380380	16.42	ng	-0.01
Target Compounds						
32) Benzoic acid	8.10	122	268	4.92	ng	# 1
49) Dimethylphthalate	9.57	163	150174	4.54	ng	100
53) 2,4-Dinitrophenol	9.78	184	427	2.14	ng	# 4
56) 2,4-Dinitrotoluene	9.85	165	70073	7.70	ng	# 34
57) Fluorene	10.40	166	14815	Below Cal		# 93
64) 4,6-Dinitro-2-methylphenol	10.35	198	244	3.00	ng	# 1
70) Phenanthrene	11.36	178	110088	3.06	ng	96
71) Anthracene	11.36	178	110088	2.83	ng	96
74) Fluoranthene	12.55	202	135373	3.59	ng	# 47
77) Pyrene	12.76	202	155351	3.73	ng	# 72
80) Benzo(a)anthracene	13.95	228	80516	2.64	ng	# 88
82) Chrysene	13.95	228	80516	2.52	ng	# 91
87) Benzo(b)fluoranthene	14.97	252	106675	3.21	ng	# 72
88) Benzo(k)fluoranthene	14.97	252	106675	3.65	ng	# 72

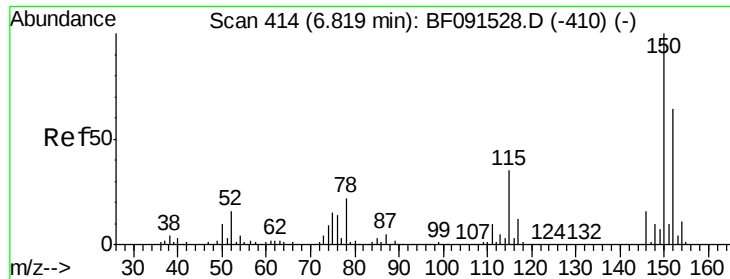
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 413

Delta R.T. -0.01 min

Lab File: BF091558.D

Acq: 13 Dec 2016 17:13

Instrument :

BNA_F

ClientSampleId :

WC120716

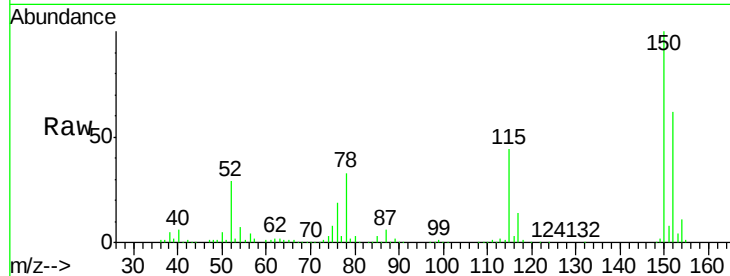
Tgt Ion:152 Resp: 285540

Ion Ratio Lower Upper

152 100

150 160.4 122.5 183.7

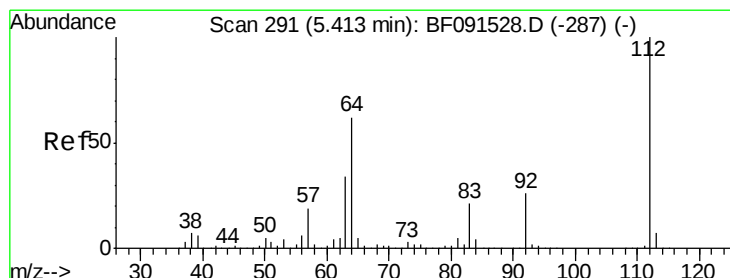
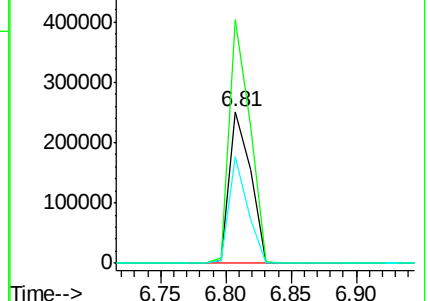
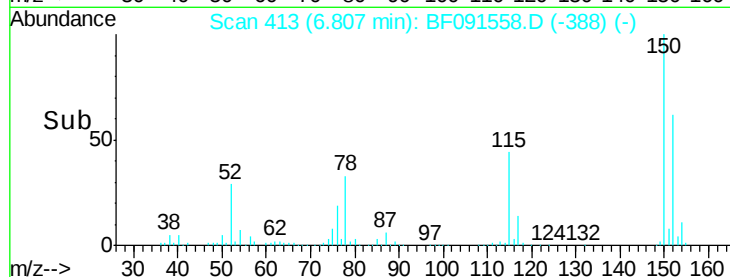
115 70.7 51.8 77.8



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: 26.85 ng

RT: 5.41 min Scan# 291

Delta R.T. 0.00 min

Lab File: BF091558.D

Acq: 13 Dec 2016 17:13

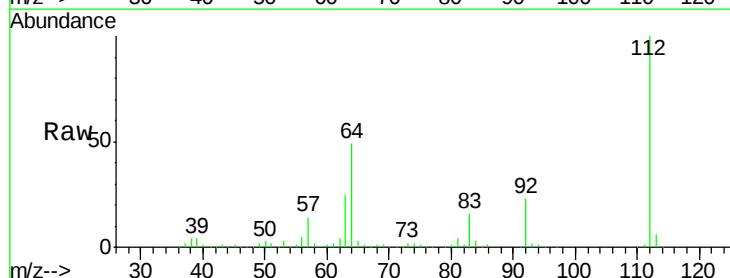
Tgt Ion:112 Resp: 455032

Ion Ratio Lower Upper

112 100

64 49.3 61.5 92.3#

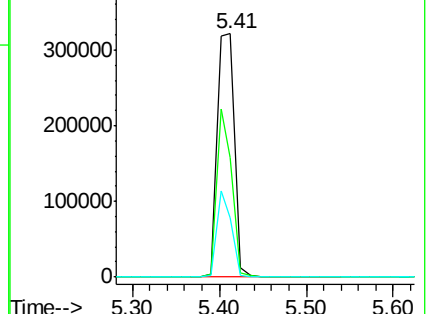
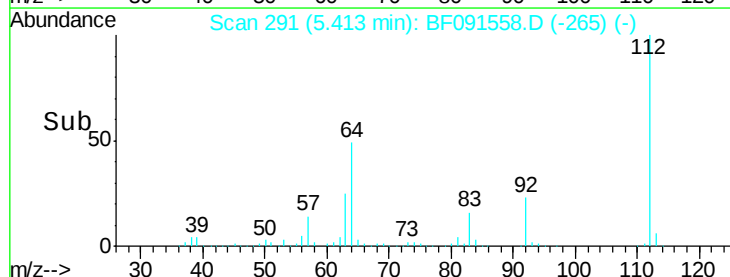
63 24.5 33.3 49.9#



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: 26.24 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF091558.D

Acq: 13 Dec 2016 17:13

Instrument :

BNA_F

ClientSampleId :

WC120716

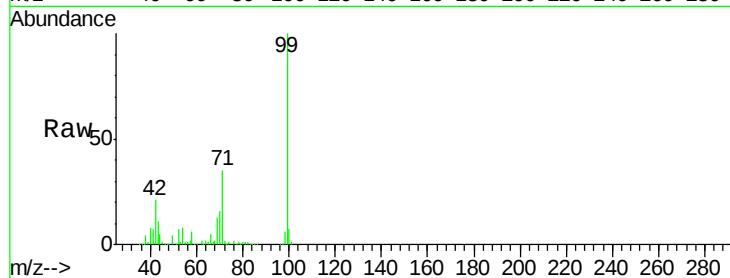
Tgt Ion: 99 Resp: 554446

Ion Ratio Lower Upper

99 100

42 20.8 20.6 31.0

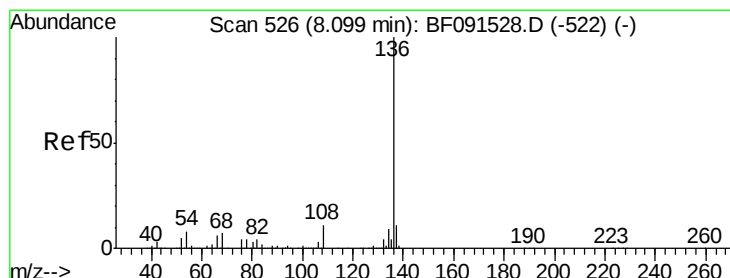
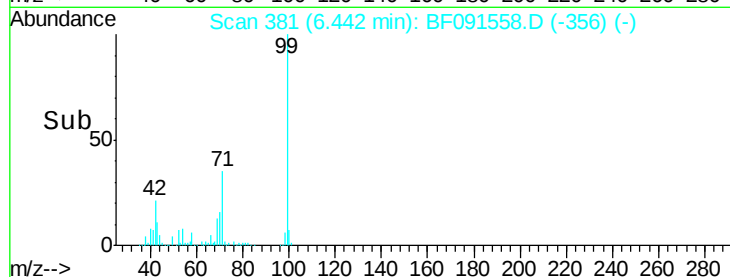
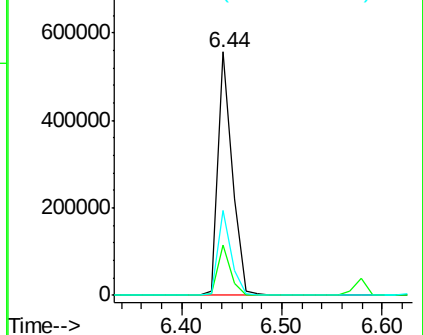
71 34.7 29.9 44.9



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: 8.10 min Scan# 526

Delta R.T. -0.00 min

Lab File: BF091558.D

Acq: 13 Dec 2016 17:13

Tgt Ion: 136 Resp: 1189915

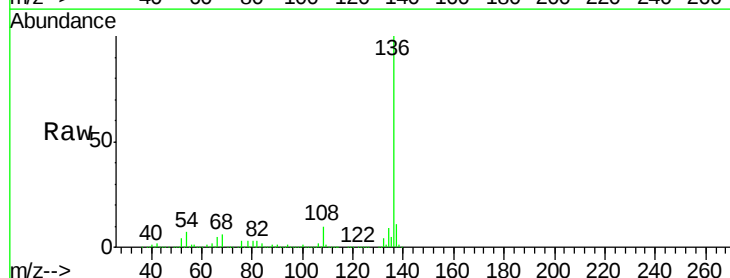
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 6.7 9.1 13.7#

68 5.6 5.9 8.9#

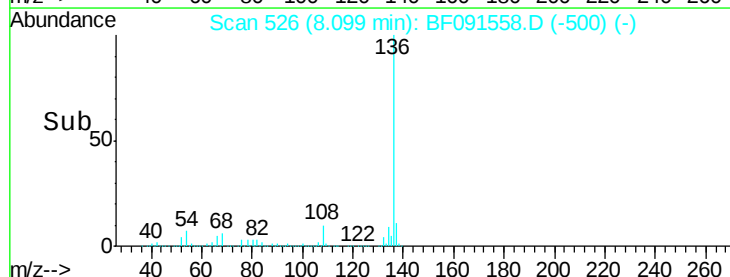
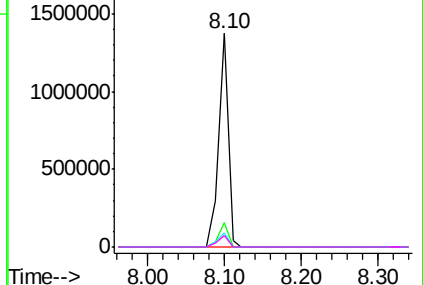


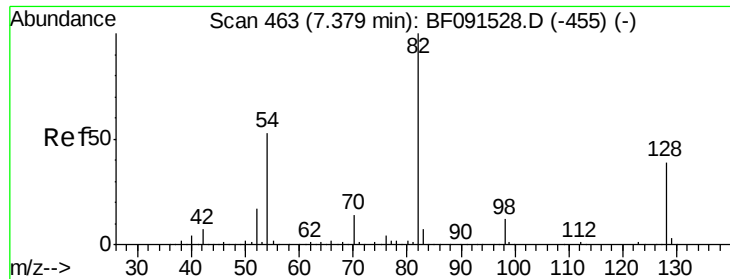
Abundance Ion 136.00 (135.70 to 136.70): E

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

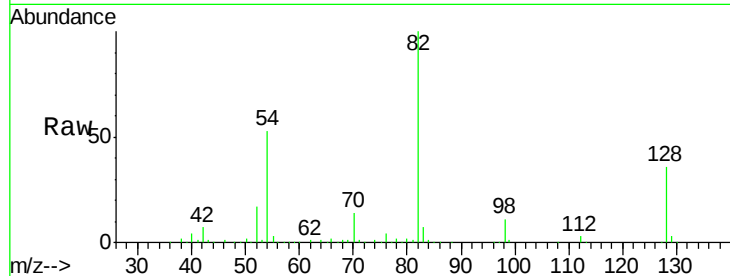




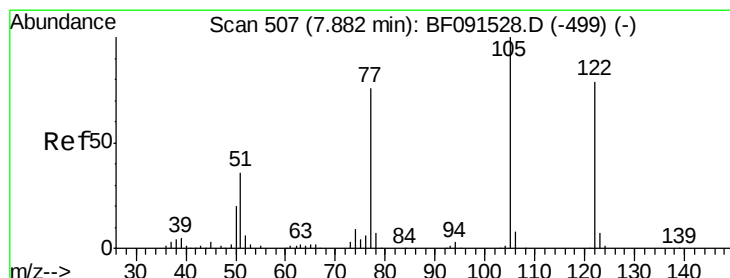
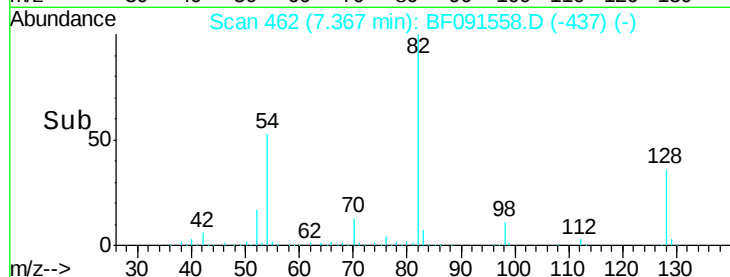
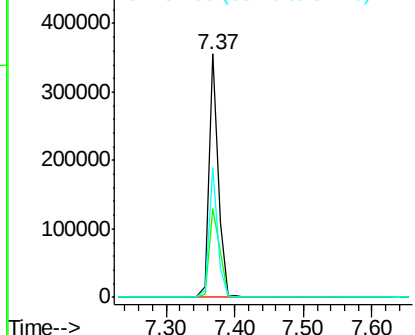
#23
 Nitrobenzene-d5
 Concen: 15.90 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.01 min
 Lab File: BF091558.D
 Acq: 13 Dec 2016 17:13

Instrument :
 BNA_F
 ClientSampleId :
 WC120716

Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.3	31.8	47.6
54	53.2	49.1	73.7

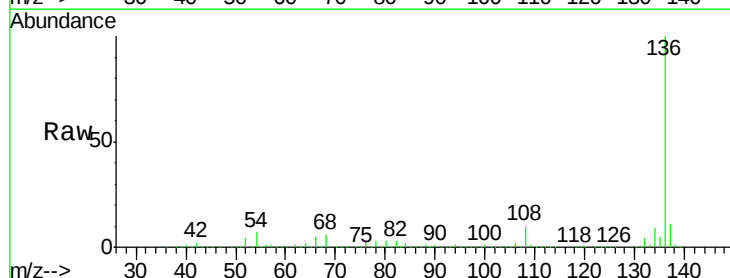


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

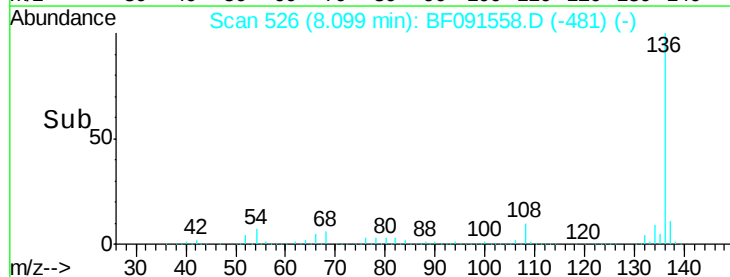
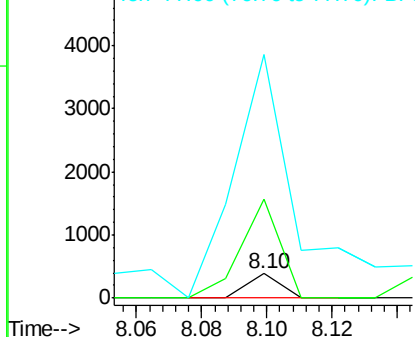


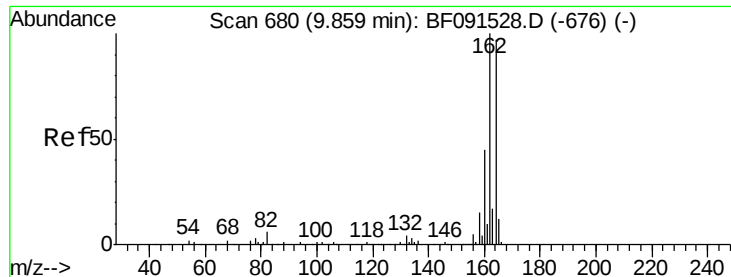
#32
 Benzoic acid
 Concen: 4.92 ng
 RT: 8.10 min Scan# 526
 Delta R.T. 0.22 min
 Lab File: BF091558.D
 Acq: 13 Dec 2016 17:13

Tgt Ion	Ratio	Lower	Upper
122	100		
105	403.3	113.0	153.0#
77	986.7	82.0	122.0#



Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 105.00 (104.70 to 105.70): E
 Ion 77.00 (76.70 to 77.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.01 min

Lab File: BF091558.D

Acq: 13 Dec 2016 17:13

Instrument :

BNA_F

ClientSampleId :

WC120716

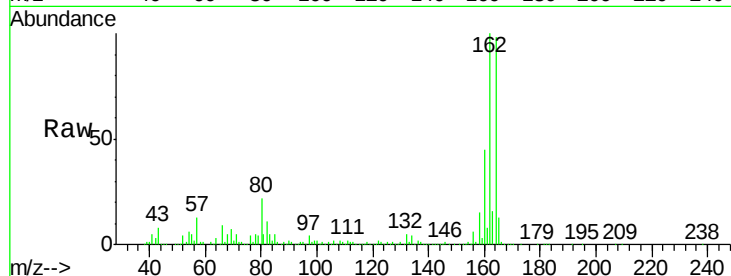
Tgt Ion:164 Resp: 522502

Ion Ratio Lower Upper

164 100

162 101.7 82.6 124.0

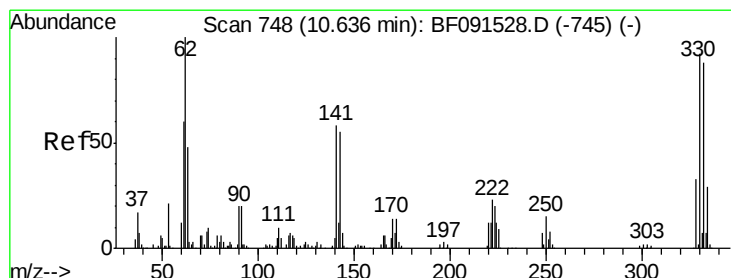
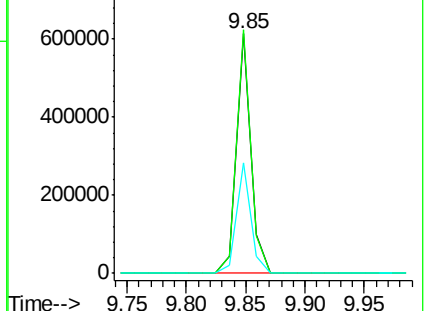
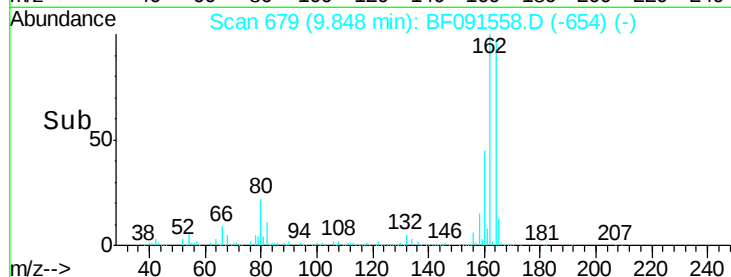
160 46.1 36.7 55.1



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: 21.62 ng

RT: 10.64 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF091558.D

Acq: 13 Dec 2016 17:13

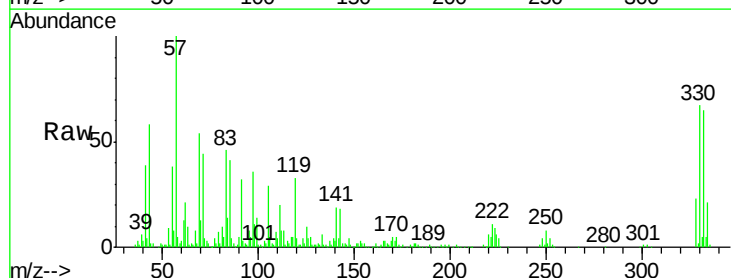
Tgt Ion:330 Resp: 93811

Ion Ratio Lower Upper

330 100

332 97.0 76.2 114.4

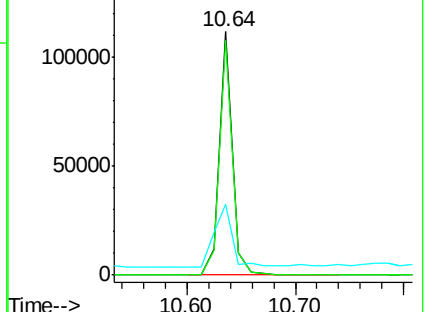
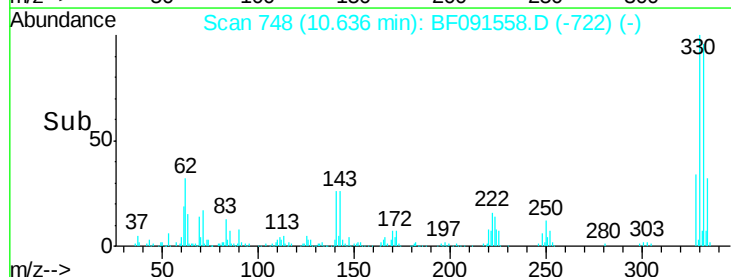
141 37.3 33.6 50.4

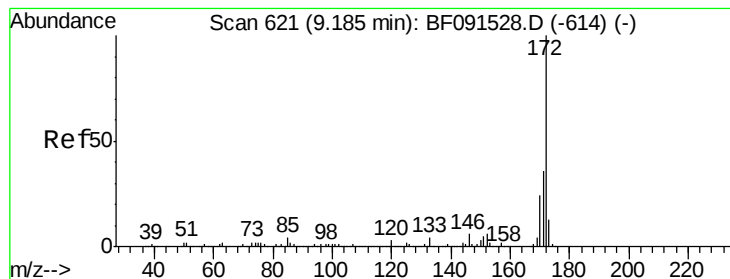


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 21.46 ng

RT: 9.17 min Scan# 620

Delta R.T. -0.01 min

Lab File: BF091558.D

Acq: 13 Dec 2016 17:13

Instrument :

BNA_F

ClientSampleId :

WC120716

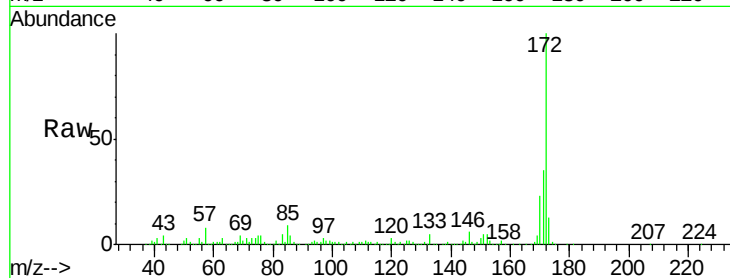
Tgt Ion:172 Resp: 648836

Ion Ratio Lower Upper

172 100

171 34.6 29.4 44.0

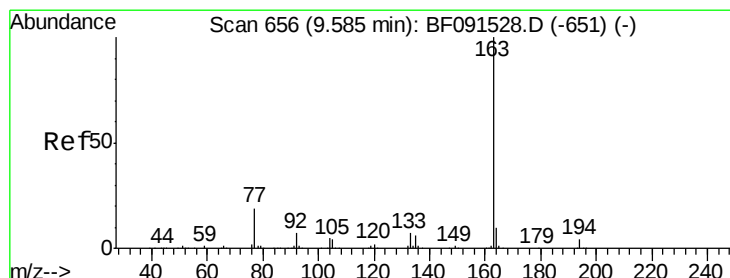
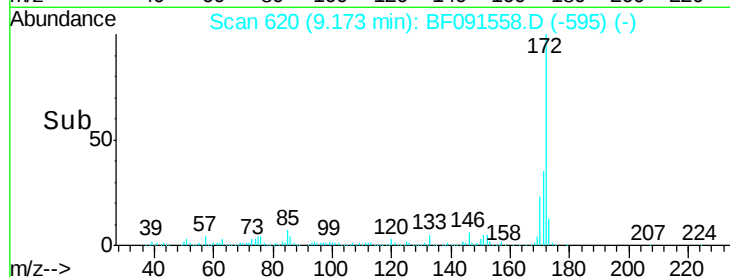
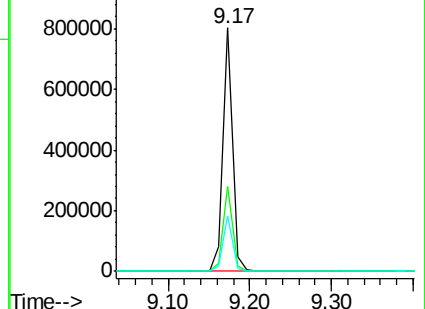
170 23.0 19.7 29.5



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



#49

Dimethylphthalate

Concen: 4.54 ng

RT: 9.57 min Scan# 655

Delta R.T. -0.01 min

Lab File: BF091558.D

Acq: 13 Dec 2016 17:13

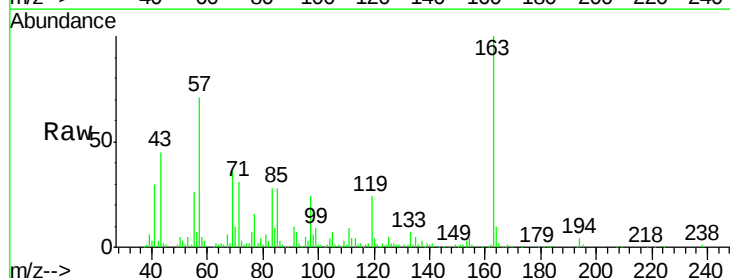
Tgt Ion:163 Resp: 150174

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.4

164 9.7 7.8 11.8



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

