

Data Path : Z:\HPCHEM1\BNA F\DATA\BF093016\
 Data File : BF090324.D
 Acq On : 30 Sep 2016 20:49
 Operator : UM/SJ
 Sample : H5023-05 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-AREA-B-1-09272016

Quant Time: Sep 30 23:51:14 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 30 23:14:34 2016
 Response via : Initial Calibration

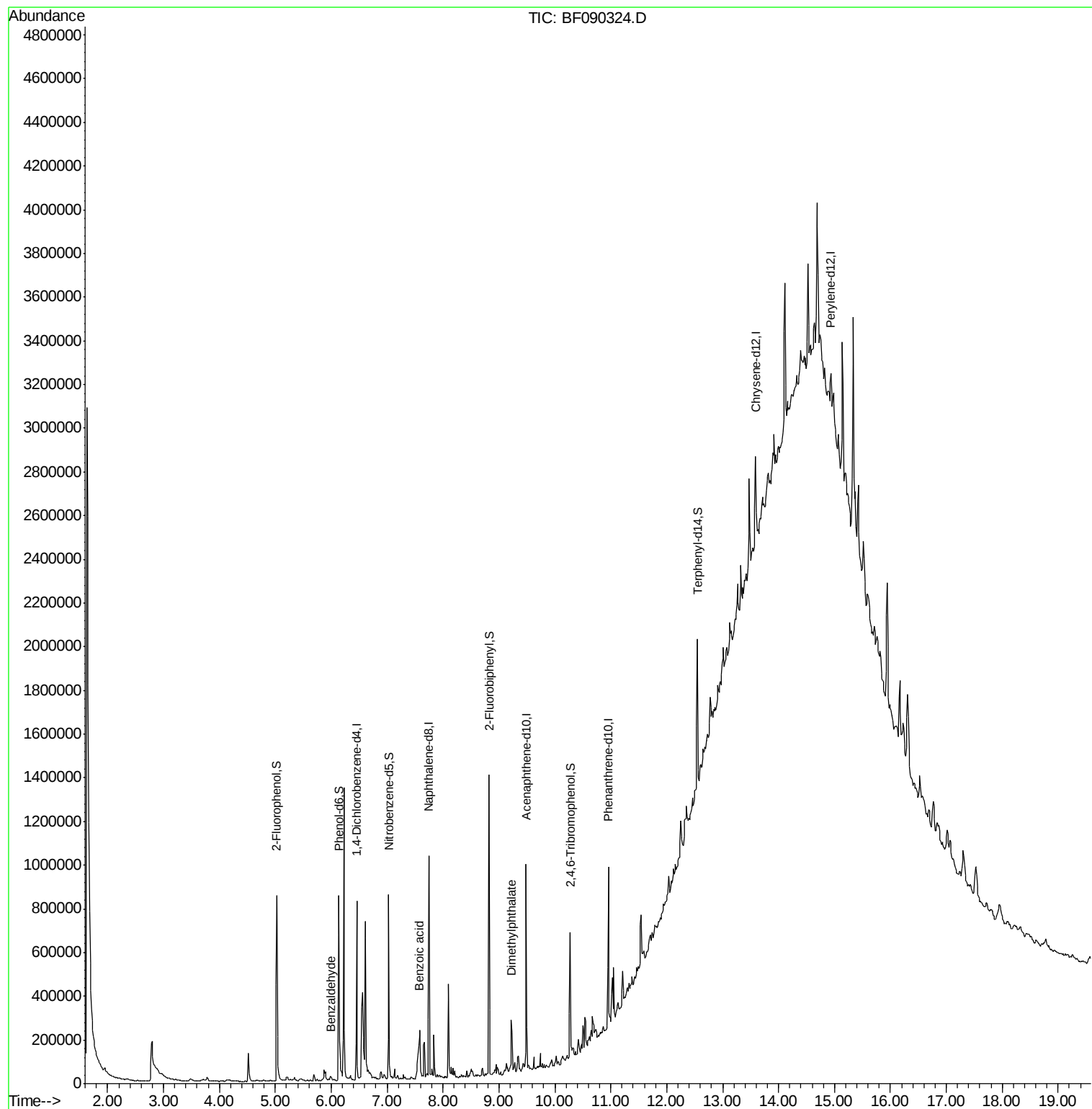
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.46	152	128061	20.00	ng	0.00
21) Naphthalene-d8	7.75	136	463386	20.00	ng	0.00
38) Acenaphthene-d10	9.48	164	193981	20.00	ng	0.00
63) Phenanthrene-d10	10.96	188	271507	20.00	ng	0.01
75) Chrysene-d12	13.59	240	209330	20.00	ng	0.02
86) Perylene-d12	14.94	264	137575	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	368443	46.90	ng	0.03
7) Phenol-d6	6.14	99	480666	49.54	ng	0.02
23) Nitrobenzene-d5	7.03	82	274099	34.29	ng	0.00
41) 2,4,6-Tribromophenol	10.27	330	75681	45.48	ng	0.00
44) 2-Fluorobiphenyl	8.82	172	421204	42.63	ng	0.00
78) Terphenyl-d14	12.55	244	277887	33.70	ng	0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.00	77	11353	2.68	ng	97
32) Benzoic acid	7.58	122	118124	23.61	ng	94
49) Dimethylphthalate	9.22	163	116868	9.46	ng	# 98

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

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.46 min Scan# 426

Delta R.T. 0.00 min

Lab File: BF090324.D

Acq: 30 Sep 2016 20:49

Instrument :

BNA_F

ClientSampleId :

WC-AREA-B-1-09272016

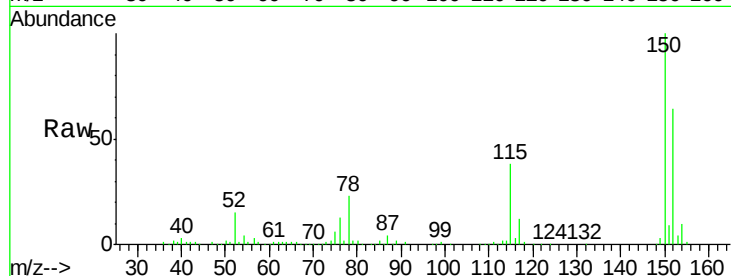
Tot Ion:152 Resp: 128061

Ion Ratio Lower Upper

152 100

150 155.5 128.9 193.3

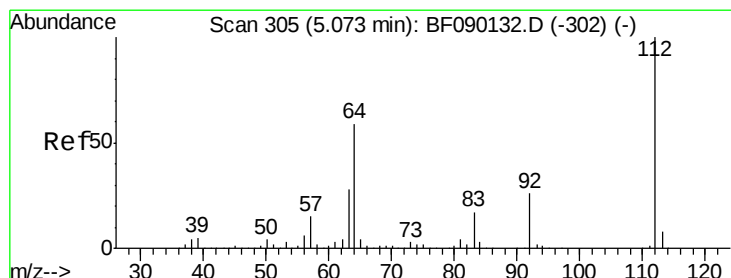
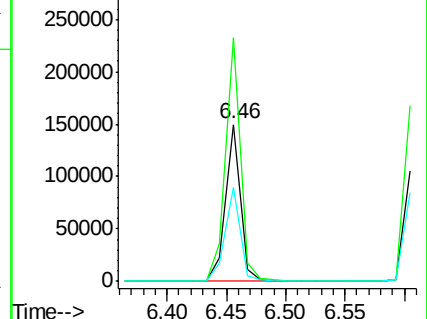
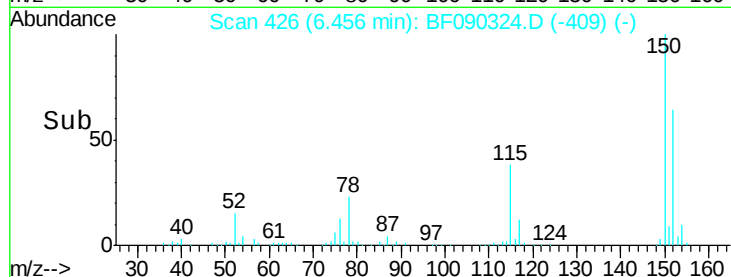
115 59.8 55.5 83.3



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: 46.90 ng

RT: 5.03 min Scan# 301

Delta R.T. 0.03 min

Lab File: BF090324.D

Acq: 30 Sep 2016 20:49

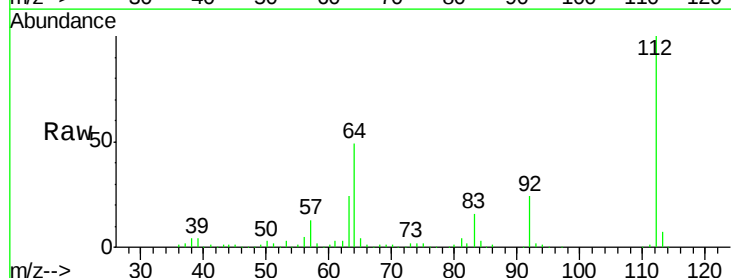
Tgt Ion:112 Resp: 368443

Ion Ratio Lower Upper

112 100

64 48.6 39.8 59.6

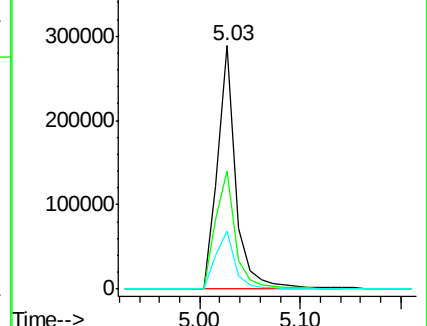
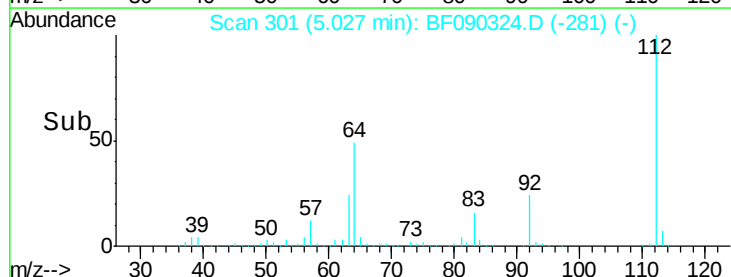
63 23.8 18.9 28.3



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: 49.54 ng

RT: 6.14 min Scan# 398

Delta R.T. 0.02 min

Lab File: BF090324.D

Acq: 30 Sep 2016 20:49

Instrument :

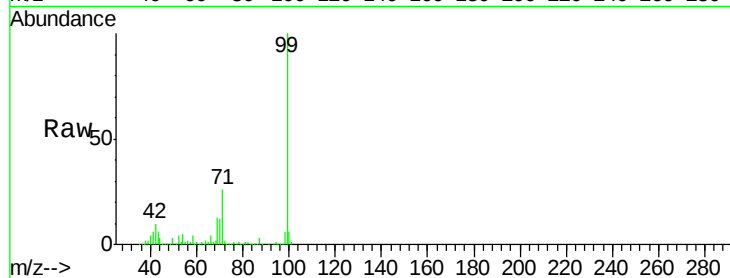
BNA_F

ClientSampleId :

WC-AREA-B-1-09272016

Tot Ion: 99 Resp: 480666

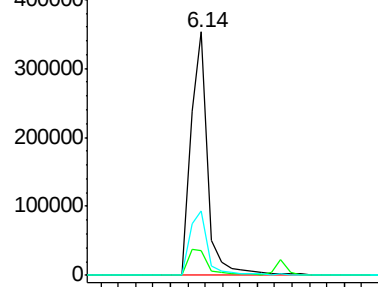
Ion	Ratio	Lower	Upper
99	100		
42	10.4	10.6	15.8#
71	26.2	23.0	34.6



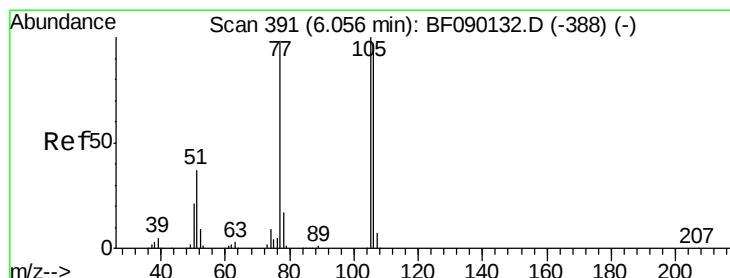
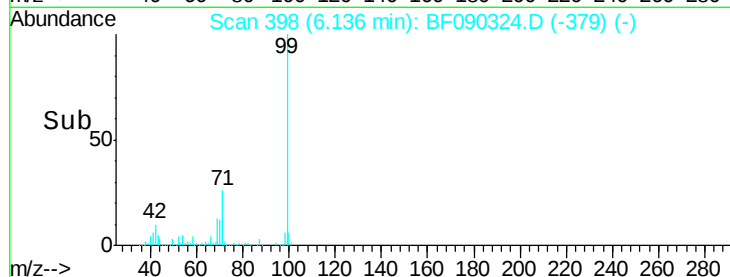
Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



Time-->



#9

Benzaldehyde

Concen: 2.68 ng

RT: 6.00 min Scan# 386

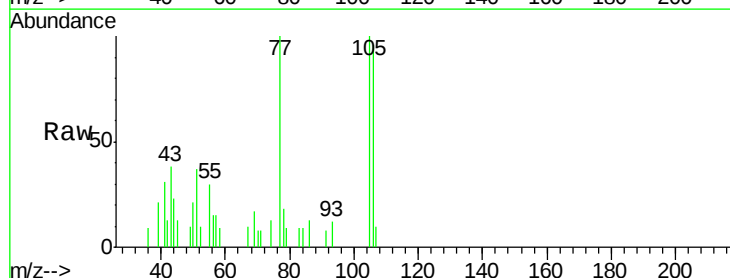
Delta R.T. 0.01 min

Lab File: BF090324.D

Acq: 30 Sep 2016 20:49

Tgt Ion: 77 Resp: 11353

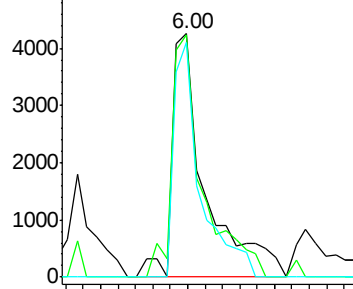
Ion	Ratio	Lower	Upper
77	100		
105	99.7	83.0	123.0
106	96.2	78.5	118.5



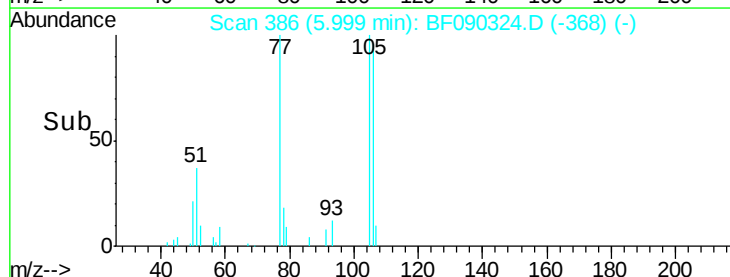
Abundance Ion 77.00 (76.70 to 77.70): BF0

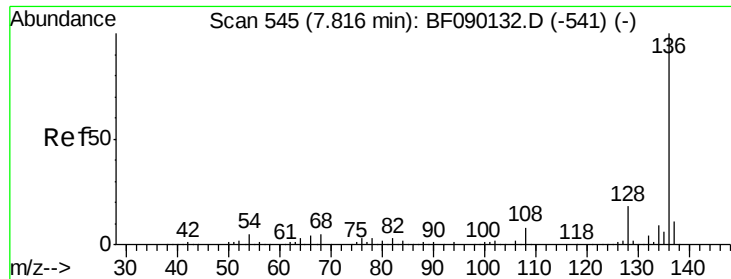
Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



Time-->

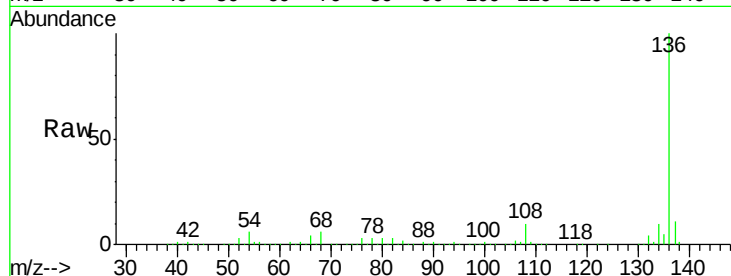




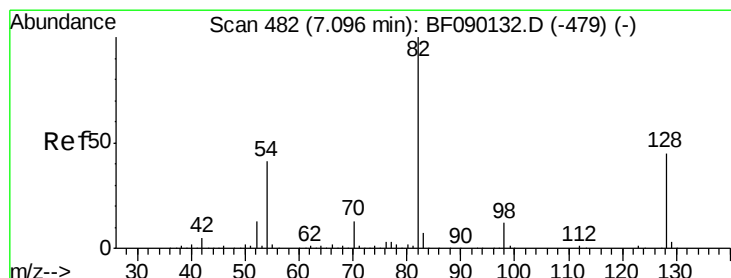
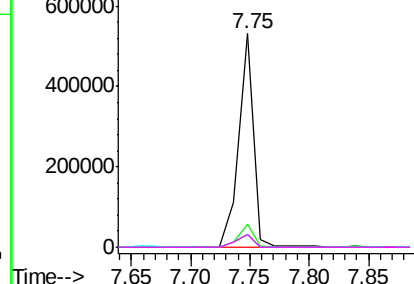
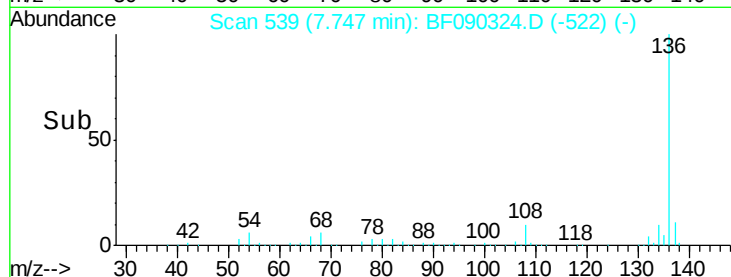
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.75 min Scan# 539
Delta R.T. -0.00 min
Lab File: BF090324.D
Acq: 30 Sep 2016 20:49

Instrument :
BNA_F
ClientSampleId :
WC-AREA-B-1-09272016

Tot Ion:136	Resp:	463386
Ion Ratio	Lower	Upper
136	100	
137	11.0	9.0 13.4
54	5.9	6.4 9.6#
68	5.9	6.3 9.5#

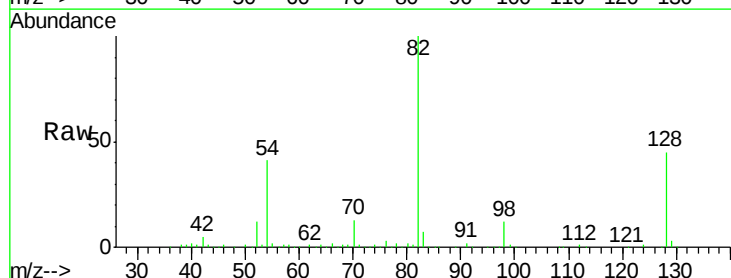


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

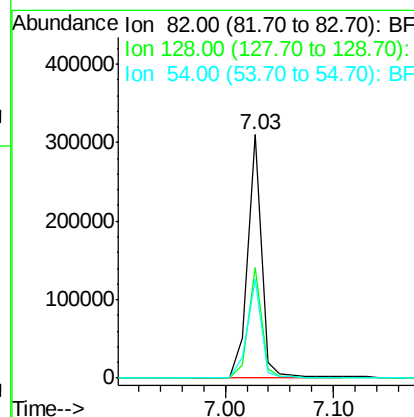
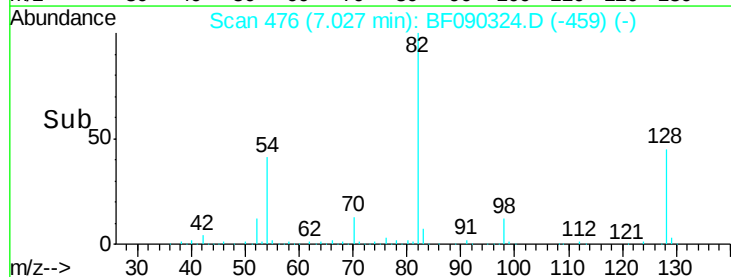


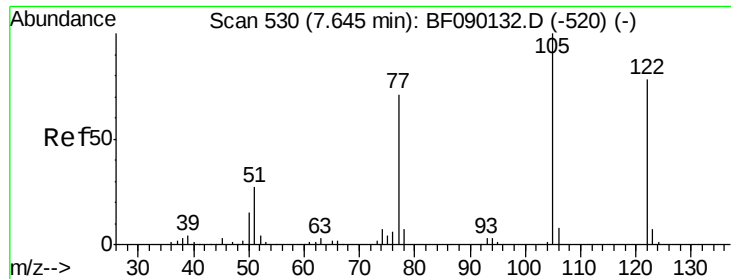
#23
Nitrobenzene-d5
Concen: 34.29 ng
RT: 7.03 min Scan# 476
Delta R.T. -0.00 min
Lab File: BF090324.D
Acq: 30 Sep 2016 20:49

Tgt Ion: 82	Resp:	274099
Ion Ratio	Lower	Upper
82	100	
128	45.4	37.5 56.3
54	40.6	31.9 47.9



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





#32

Benzoic acid

Concen: 23.61 ng

RT: 7.58 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF090324.D

Acq: 30 Sep 2016 20:49

Instrument :

BNA_F

ClientSampleId :

WC-AREA-B-1-09272016

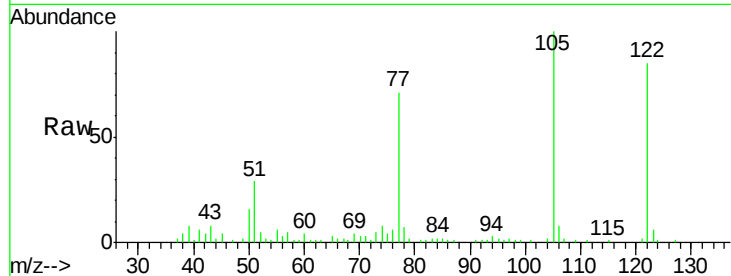
Tot Ion:122 Resp: 118124

Ion Ratio Lower Upper

122 100

105 117.8 105.0 145.0

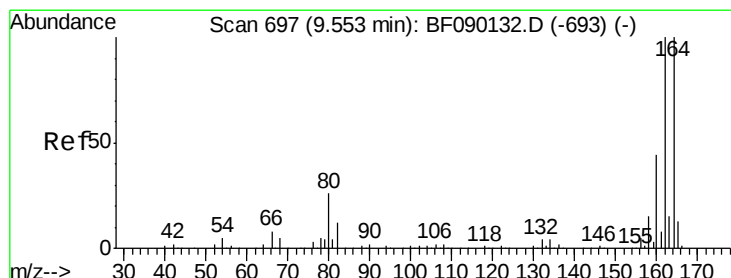
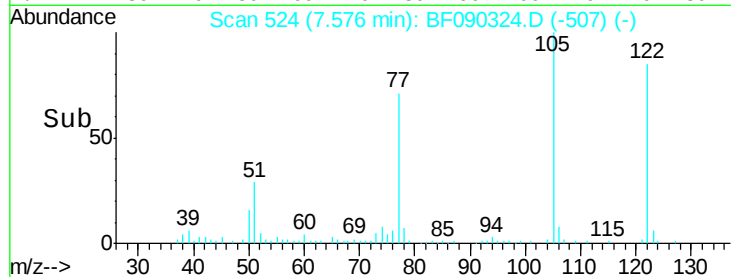
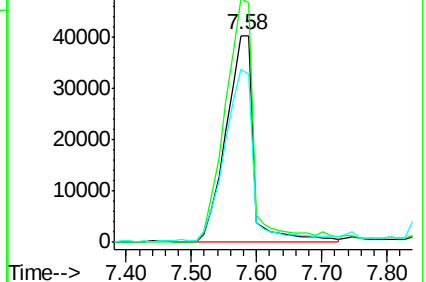
77 84.1 70.4 110.4



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: 9.48 min Scan# 691

Delta R.T. -0.00 min

Lab File: BF090324.D

Acq: 30 Sep 2016 20:49

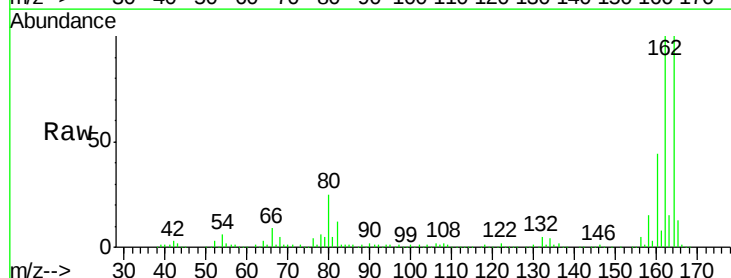
Tgt Ion:164 Resp: 193981

Ion Ratio Lower Upper

164 100

162 100.4 81.4 122.2

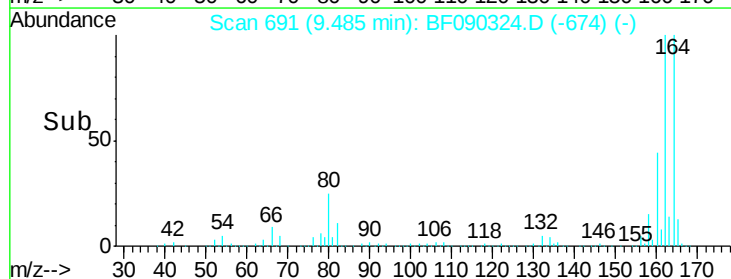
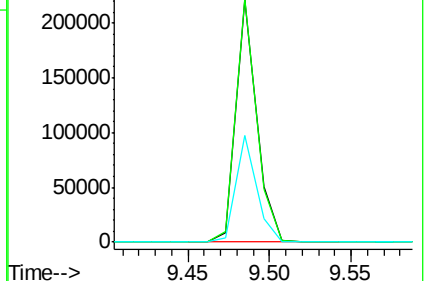
160 44.0 36.6 54.8

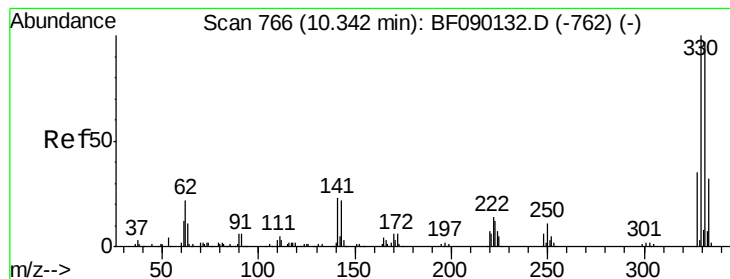


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 45.48 ng

RT: 10.27 min Scan# 760

Delta R.T. -0.00 min

Lab File: BF090324.D

Acq: 30 Sep 2016 20:49

Instrument :

BNA_F

ClientSampleId :

WC-AREA-B-1-09272016

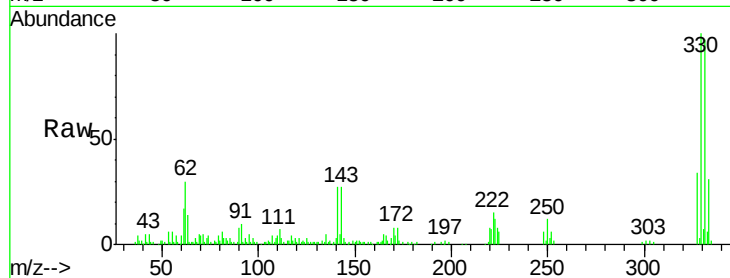
Tot Ion:330 Resp: 75681

Ion	Ratio	Lower	Upper
330	100		
332	97.7	78.1	117.1
141	33.6	23.9	35.9

330 100

332 97.7 78.1 117.1

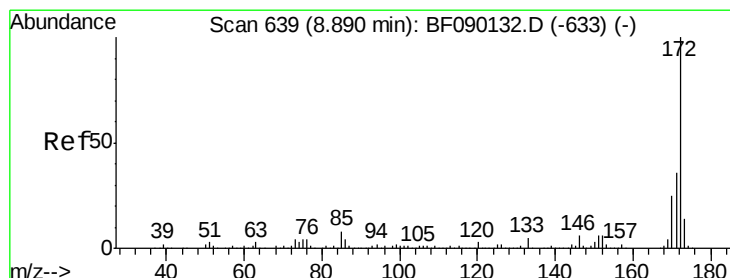
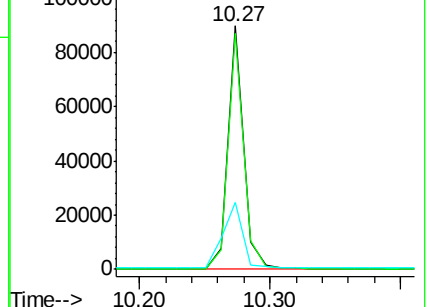
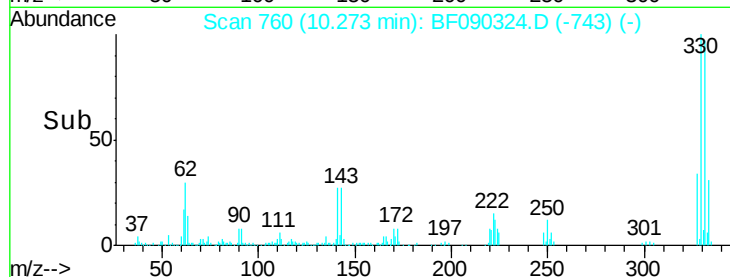
141 33.6 23.9 35.9



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: 42.63 ng

RT: 8.82 min Scan# 633

Delta R.T. 0.00 min

Lab File: BF090324.D

Acq: 30 Sep 2016 20:49

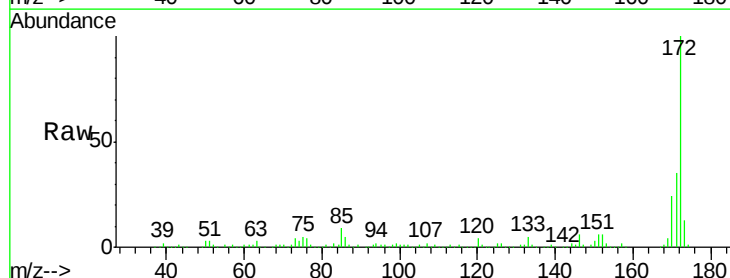
Tgt Ion:172 Resp: 421204

Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.2	43.8
170	23.6	19.8	29.8

172 100

171 35.2 29.2 43.8

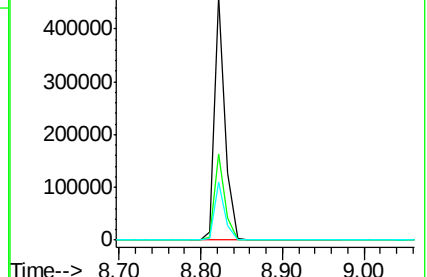
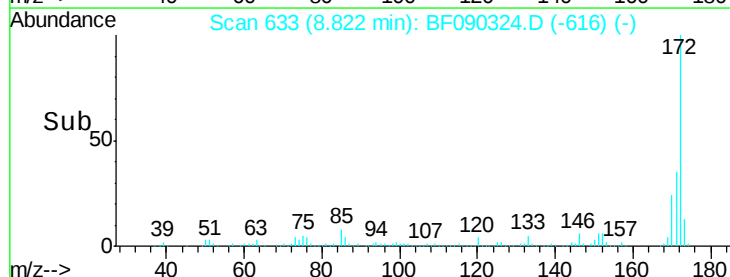
170 23.6 19.8 29.8

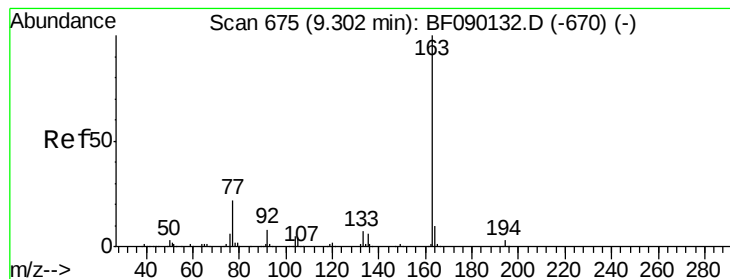


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 9.46 ng

RT: 9.22 min Scan# 668

Delta R.T. -0.01 min

Lab File: BF090324.D

Acq: 30 Sep 2016 20:49

Instrument :

BNA_F

ClientSampleId :

WC-AREA-B-1-09272016

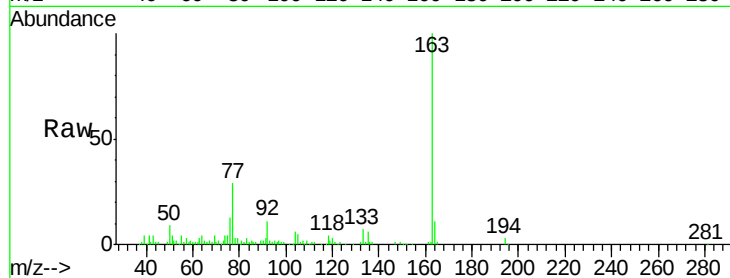
Tot Ion:163 Resp: 116868

Ion Ratio Lower Upper

163 100

194 2.7 2.8 4.2#

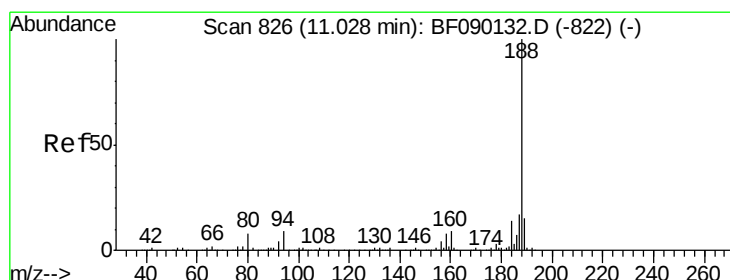
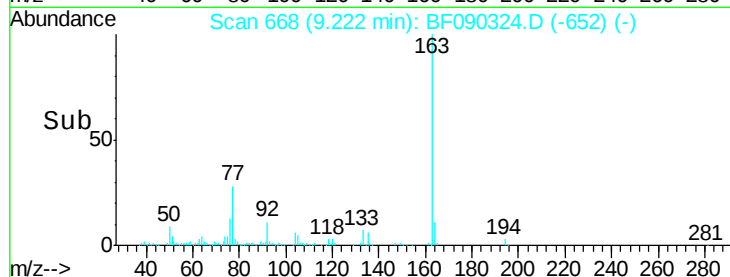
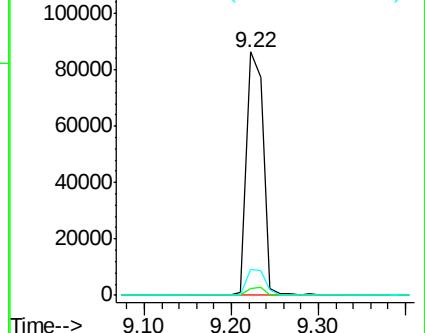
164 10.8 8.1 12.1



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 10.96 min Scan# 820

Delta R.T. 0.01 min

Lab File: BF090324.D

Acq: 30 Sep 2016 20:49

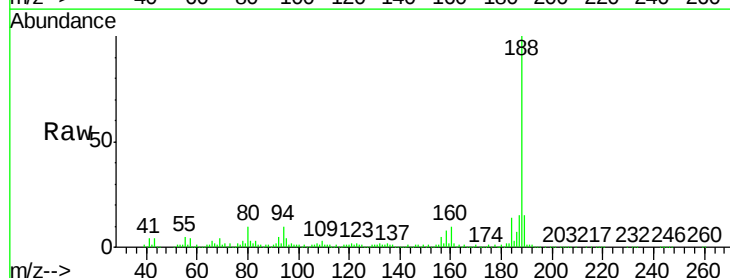
Tgt Ion:188 Resp: 271507

Ion Ratio Lower Upper

188 100

94 9.8 10.5 15.7#

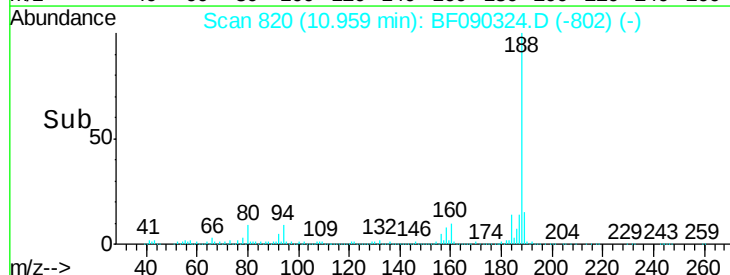
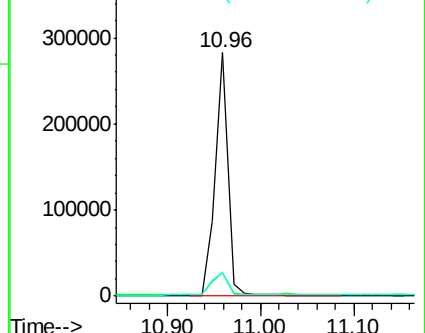
80 9.8 11.2 16.8#

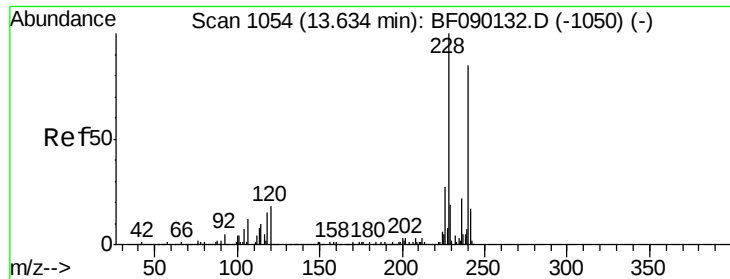


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

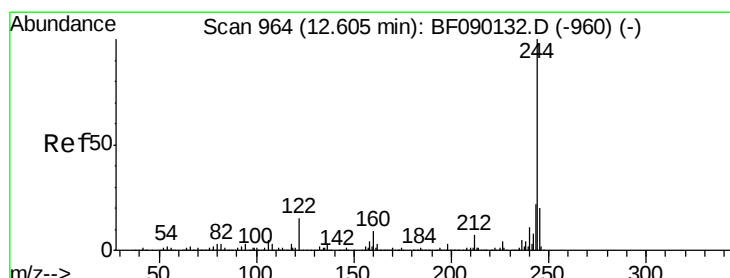
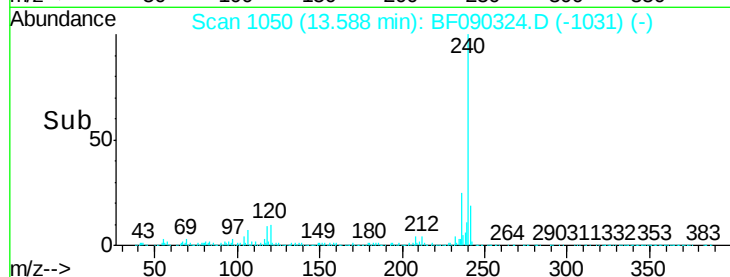
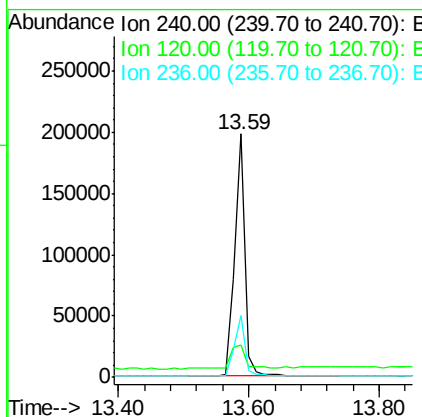
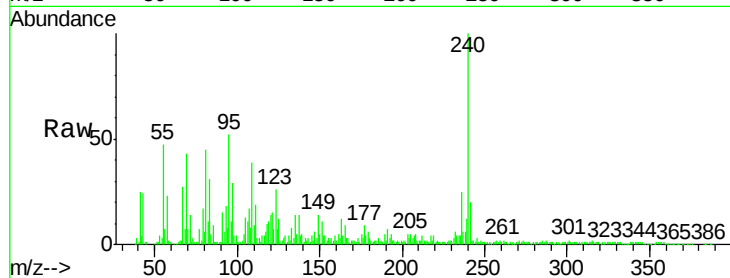




#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 13.59 min Scan# 1050
 Delta R.T. 0.02 min
 Lab File: BF090324.D
 Acq: 30 Sep 2016 20:49

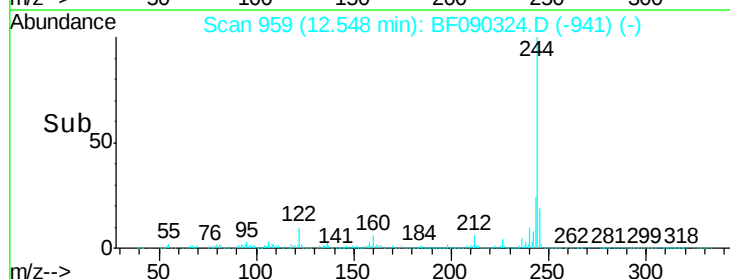
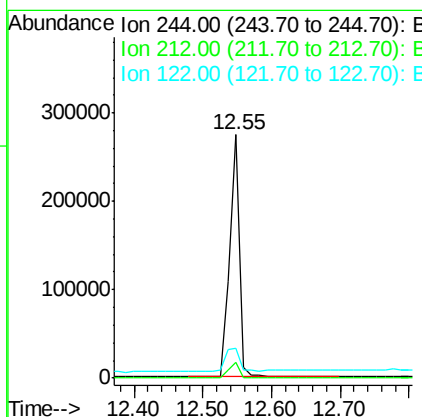
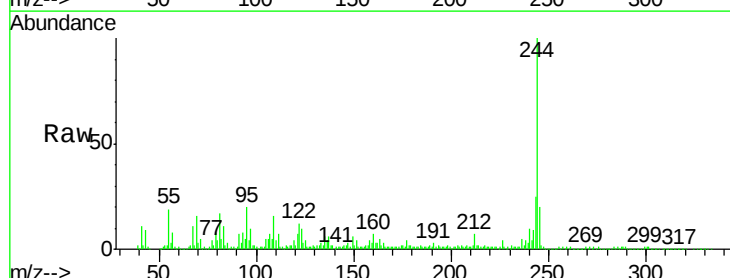
Instrument :
 BNA_F
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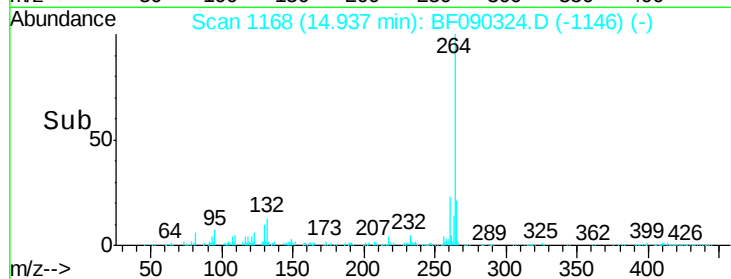
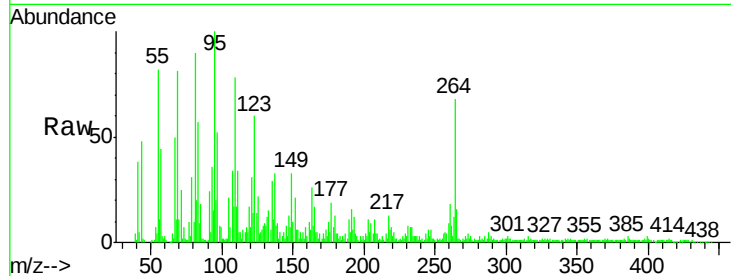
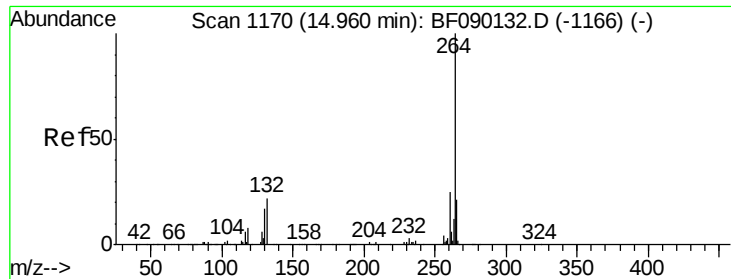
Tot Ion:240 Resp: 209330
 Ion Ratio Lower Upper
 240 100
 120 13.6 10.6 16.0
 236 25.4 21.6 32.4



#78
 Terphenyl-d14
 Concen: 33.70 ng
 RT: 12.55 min Scan# 959
 Delta R.T. 0.01 min
 Lab File: BF090324.D
 Acq: 30 Sep 2016 20:49

Tgt Ion:244 Resp: 277887
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.8 8.8
 122 12.1 9.4 14.0





#86

Pervlene-d12

Concen: 20.00 ng

RT: 14.94 min Scan# 1168

Delta R.T. 0.06 min

Lab File: BF090324.D

Acq: 30 Sep 2016 20:49

Instrument :

BNA_F

ClientSampleId :

WC-AREA-B-1-09272016

Tot Ion:264 Resp: 137575

Ion Ratio Lower Upper

264 100

260 26.6 19.5 29.3

265 23.2 17.0 25.4

