

Data Path : Z:\HPCHEM1\BNA F\DATA\BF093016\
 Data File : BF090325.D
 Acq On : 30 Sep 2016 21:16
 Operator : UM/SJ
 Sample : H5023-06 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-AREA-B-2-09272016

Quant Time: Sep 30 23:53:43 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

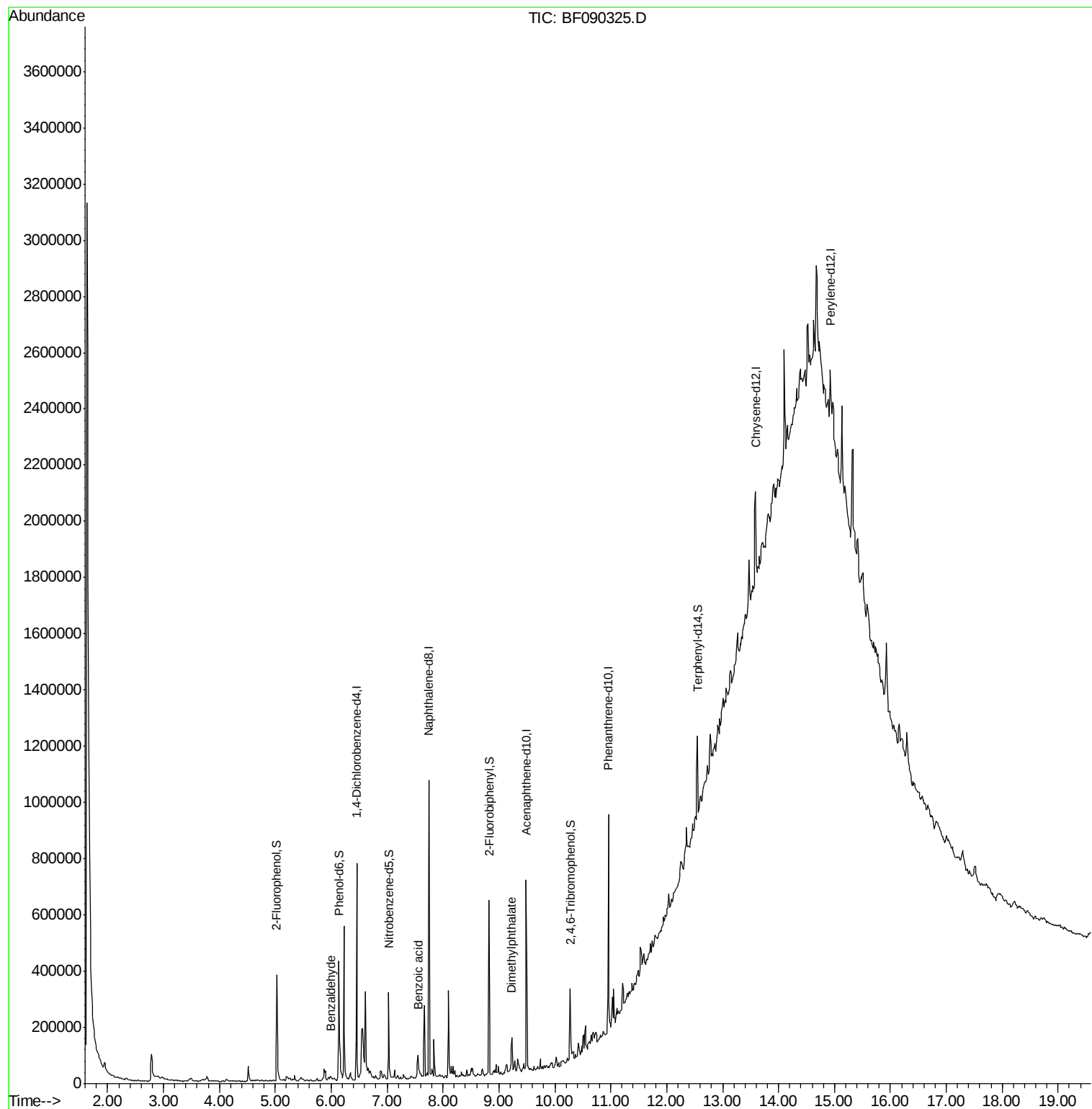
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.46	152	118834	20.00	ng	0.00
21) Naphthalene-d8	7.75	136	435839	20.00	ng	0.00
38) Acenaphthene-d10	9.48	164	182082	20.00	ng	0.00
63) Phenanthrene-d10	10.96	188	258306	20.00	ng	0.01
75) Chrysene-d12	13.59	240	188996	20.00	ng	0.02
86) Perylene-d12	14.93	264	117825	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	148282	20.34	ng	0.03
7) Phenol-d6	6.14	99	200197	22.24	ng	0.02
23) Nitrobenzene-d5	7.03	82	102539	13.64	ng	0.00
41) 2,4,6-Tribromophenol	10.27	330	29800	19.08	ng	0.00
44) 2-Fluorobiphenyl	8.82	172	194414	20.96	ng	0.00
78) Terphenyl-d14	12.55	244	115213	15.48	ng	0.01
Target Compounds						
9) Benzaldehyde	5.99	77	8475	2.16	ng	84
32) Benzoic acid	7.55	122	27218	5.79	ng	94
49) Dimethylphthalate	9.23	163	55961	4.83	ng	99

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

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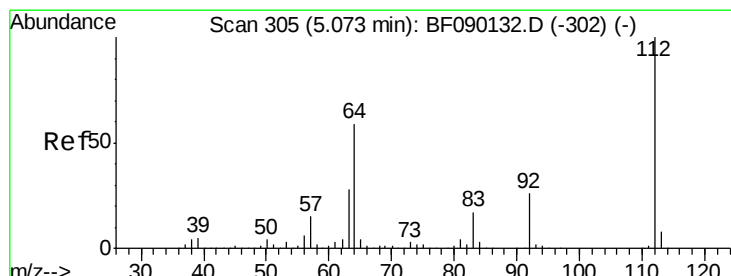
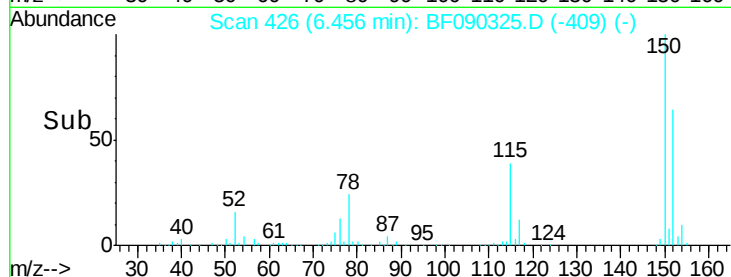
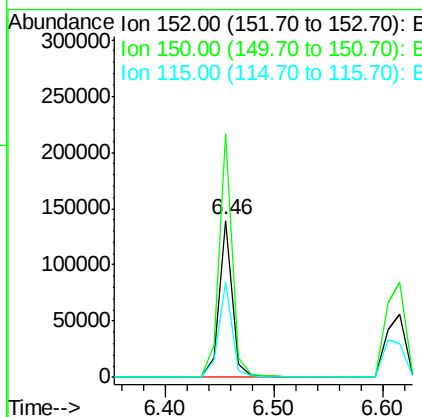
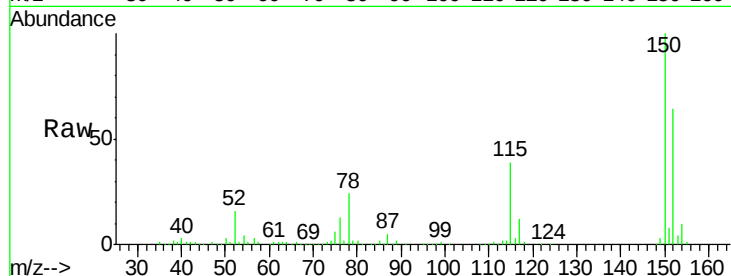


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.46 min Scan# 426
Delta R.T. -0.00 min
Lab File: BF090325.D
Acq: 30 Sep 2016 21:16

Instrument :
BNA_F
ClientSampleId :
WC-AREA-B-2-09272016

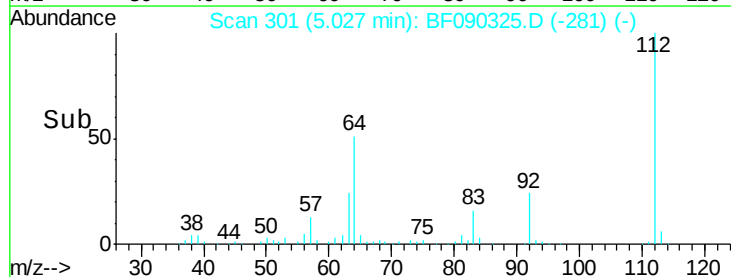
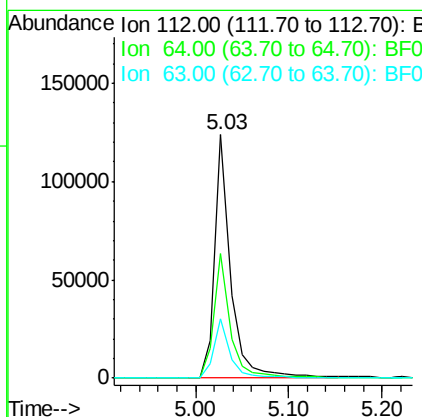
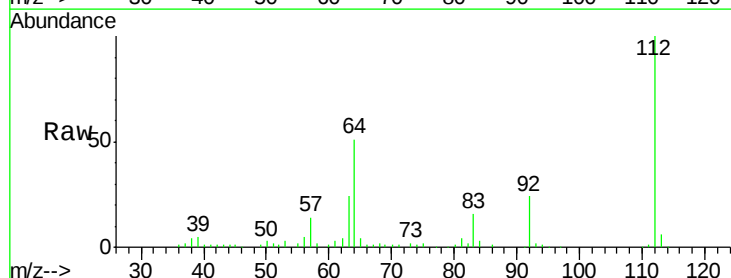
Tot Ion:152 Resp: 118834
Ion Ratio Lower Upper
152 100
150 155.1 128.9 193.3
115 60.4 55.5 83.3



#5

2-Fluorophenol
Concen: 20.34 ng
RT: 5.03 min Scan# 301
Delta R.T. 0.03 min
Lab File: BF090325.D
Acq: 30 Sep 2016 21:16

Tgt Ion:112 Resp: 148282
Ion Ratio Lower Upper
112 100
64 51.0 39.8 59.6
63 24.3 18.9 28.3





#7

Phenol-d6

Concen: 22.24 ng

RT: 6.14 min Scan# 398

Delta R.T. 0.02 min

Lab File: BF090325.D

Acq: 30 Sep 2016 21:16

Instrument :

BNA_F

ClientSampleId :

WC-AREA-B-2-09272016

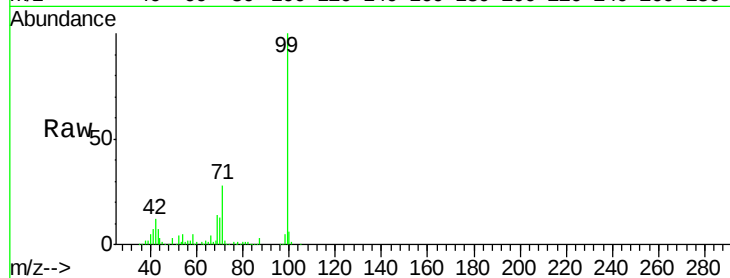
Tot Ion: 99 Resp: 200197

Ion	Ratio	Lower	Upper
99	100		
42	12.3	10.6	15.8
71	27.8	23.0	34.6

99 100

42 12.3 10.6 15.8

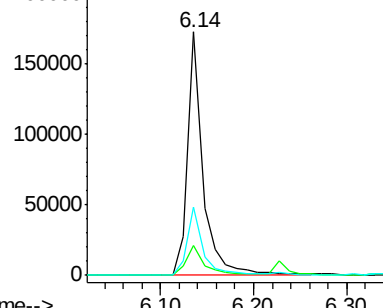
71 27.8 23.0 34.6



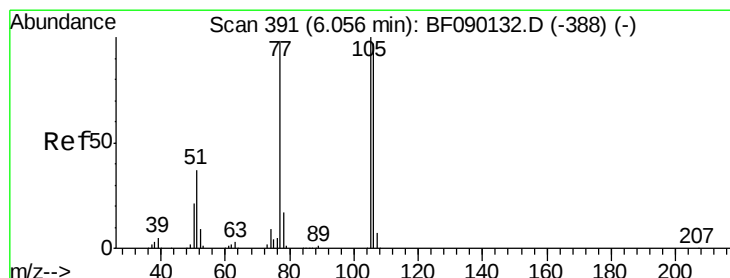
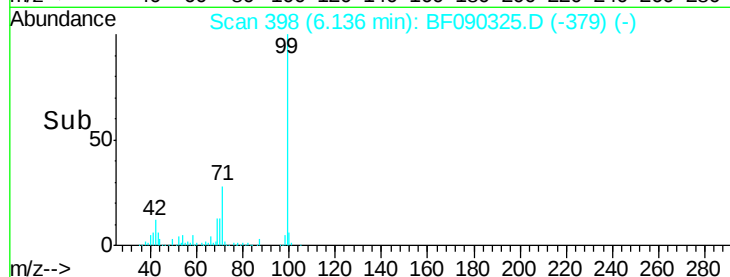
Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



Time-->



#9

Benzaldehyde

Concen: 2.16 ng

RT: 5.99 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF090325.D

Acq: 30 Sep 2016 21:16

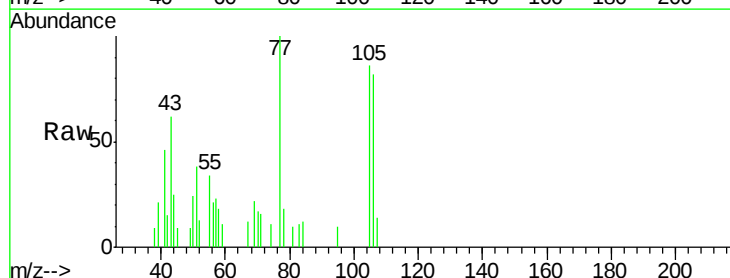
Tgt Ion: 77 Resp: 8475

Ion	Ratio	Lower	Upper
77	100		
105	86.4	83.0	123.0
106	81.9	78.5	118.5

77 100

105 86.4 83.0 123.0

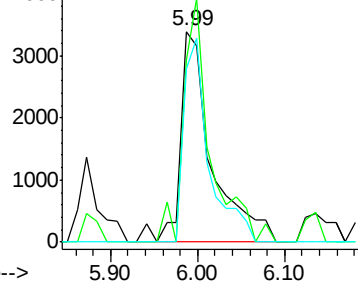
106 81.9 78.5 118.5



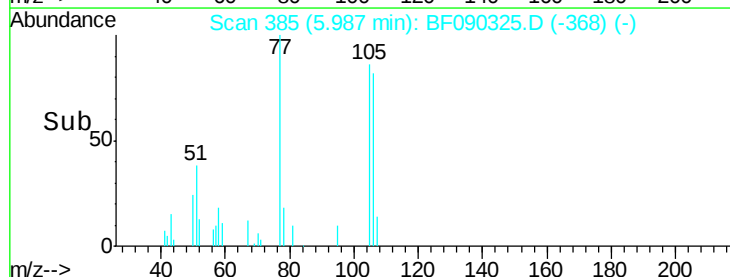
Abundance Ion 77.00 (76.70 to 77.70): BF0

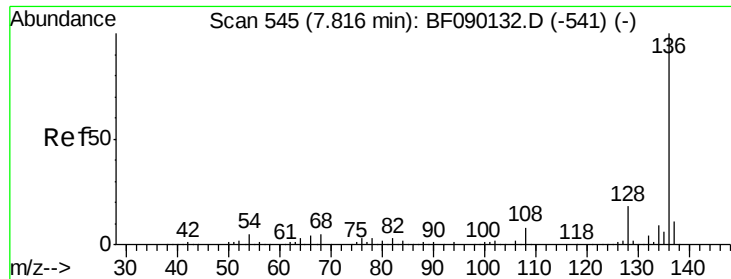
Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



Time-->

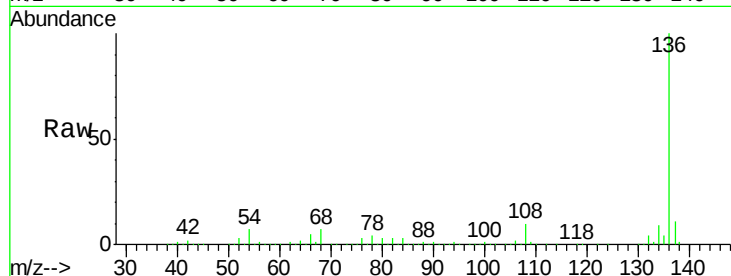




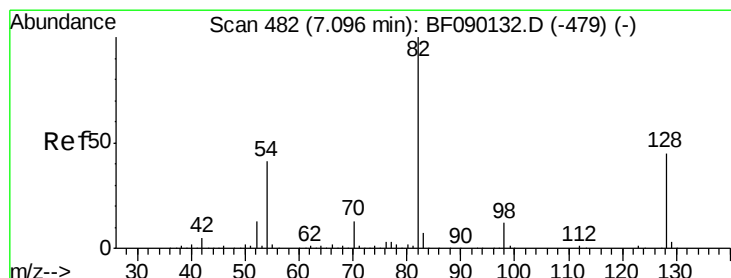
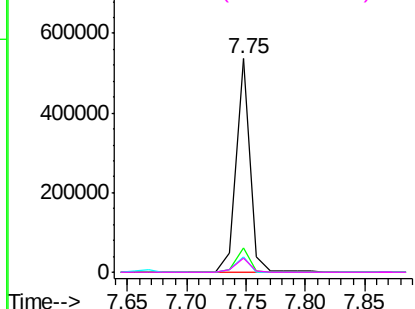
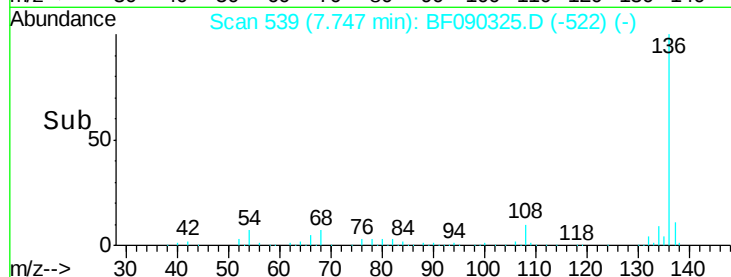
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.75 min Scan# 539
Delta R.T. -0.00 min
Lab File: BF090325.D
Acq: 30 Sep 2016 21:16

Instrument :
BNA_F
ClientSampleId :
WC-AREA-B-2-09272016

Tot Ion:	136	Resp:	435839
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	7.0	6.4	9.6
68	6.6	6.3	9.5

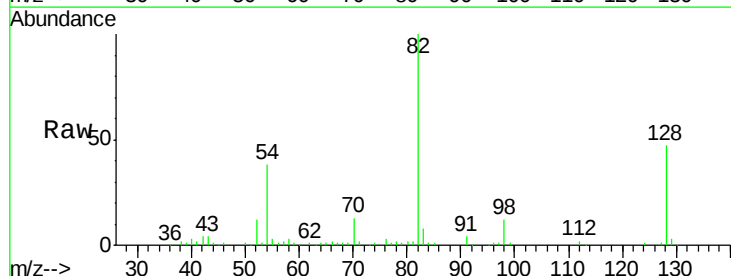


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

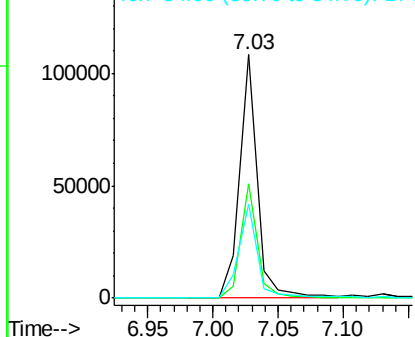
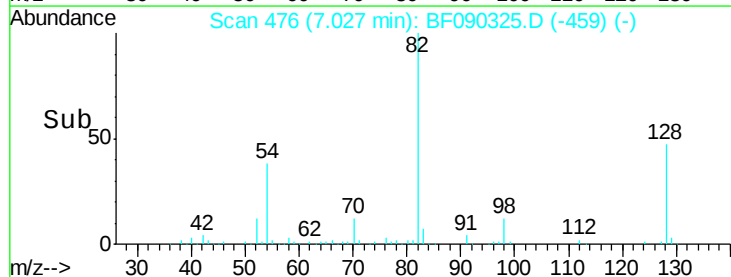


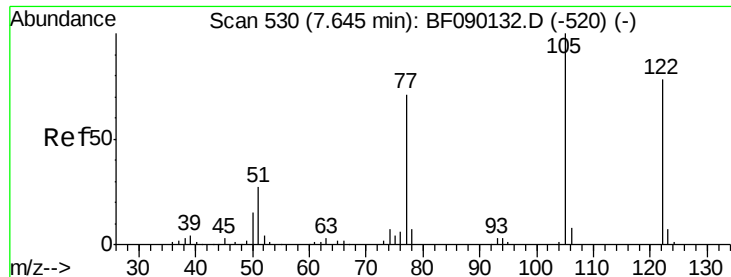
#23
Nitrobenzene-d5
Concen: 13.64 ng
RT: 7.03 min Scan# 476
Delta R.T. -0.00 min
Lab File: BF090325.D
Acq: 30 Sep 2016 21:16

Tgt Ion:	82	Resp:	102539
Ion	Ratio	Lower	Upper
82	100		
128	47.1	37.5	56.3
54	38.4	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: 5.79 ng

RT: 7.55 min Scan# 522

Delta R.T. -0.02 min

Lab File: BF090325.D

Acq: 30 Sep 2016 21:16

Instrument :

BNA_F

ClientSampleId :

WC-AREA-B-2-09272016

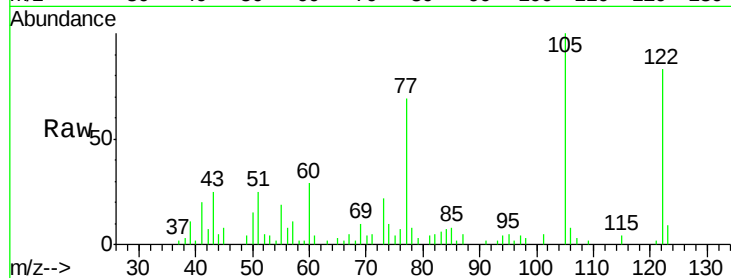
Tot Ion:122 Resp: 27218

Ion Ratio Lower Upper

122 100

105 120.4 105.0 145.0

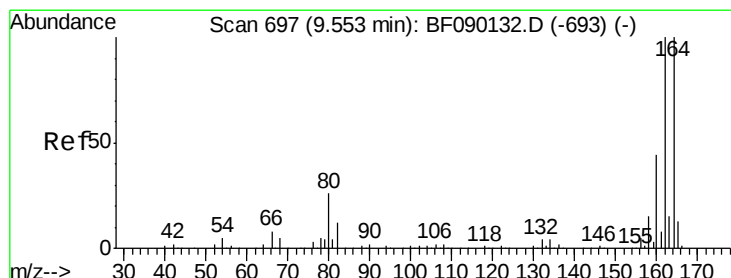
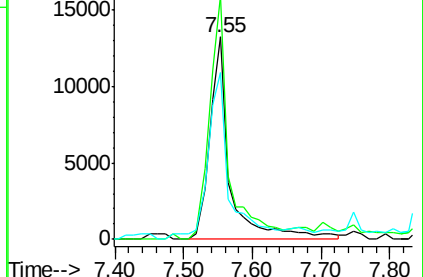
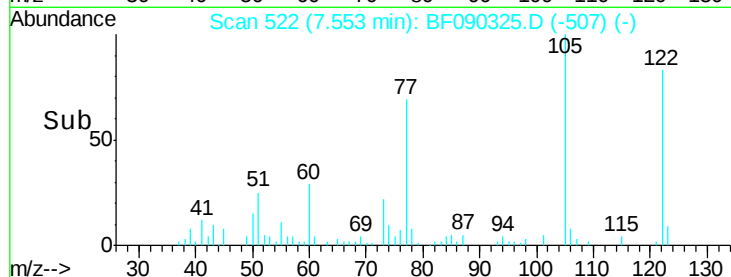
77 82.5 70.4 110.4



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: BF090325.D

Acq: 30 Sep 2016 21:16

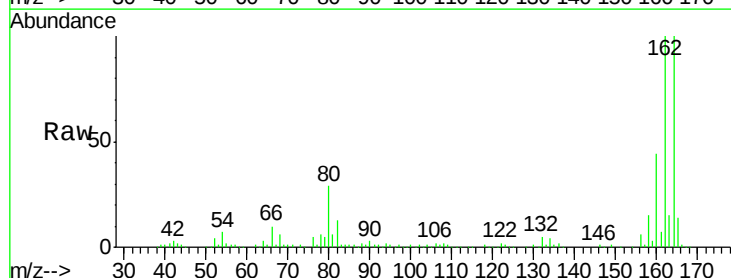
Tgt Ion:164 Resp: 182082

Ion Ratio Lower Upper

164 100

162 99.7 81.4 122.2

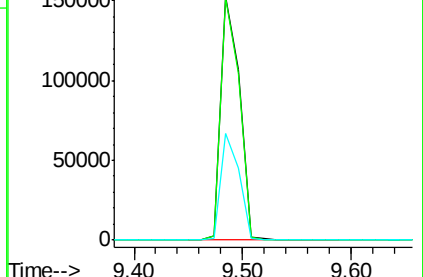
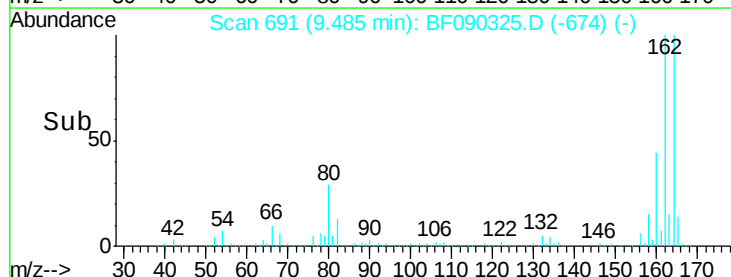
160 43.9 36.6 54.8

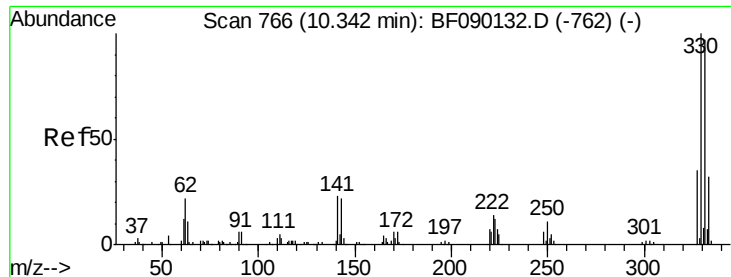


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

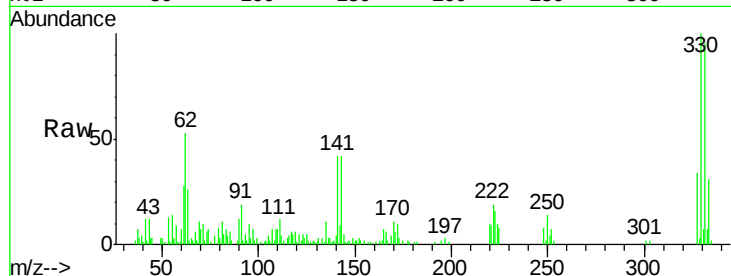




#41
 2,4,6-Tribromophenol
 Concen: 19.08 ng
 RT: 10.27 min Scan# 760
 Delta R.T. -0.00 min
 Lab File: BF090325.D
 Acq: 30 Sep 2016 21:16

Instrument :
 BNA_F
 ClientSampleId :
 WC-AREA-B-2-09272016

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	78.1	117.1
141	37.2	23.9	35.9

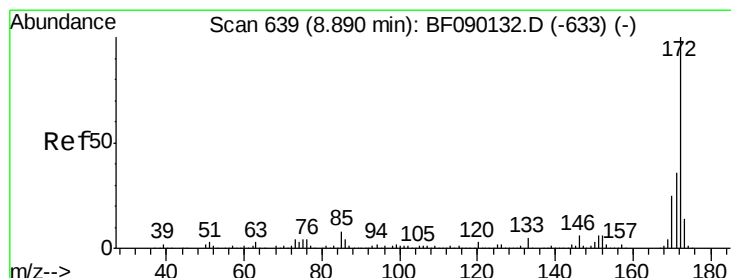
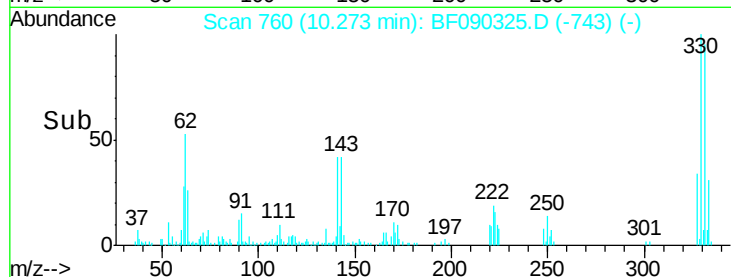
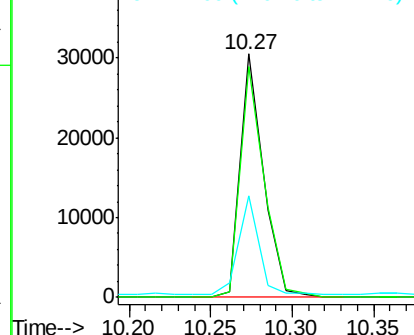


Abundance

Ion 329.80 (329.50 to 330.50): E

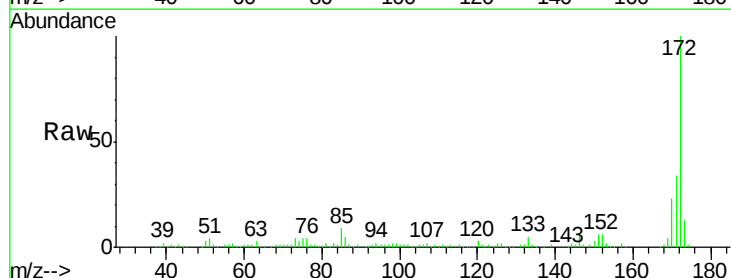
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 20.96 ng
 RT: 8.82 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: BF090325.D
 Acq: 30 Sep 2016 21:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.4	29.2	43.8
170	22.6	19.8	29.8

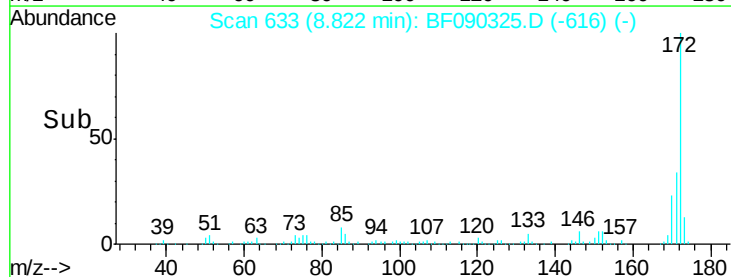
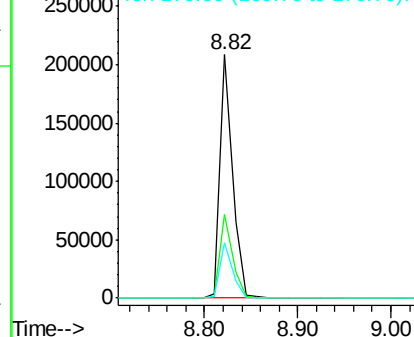


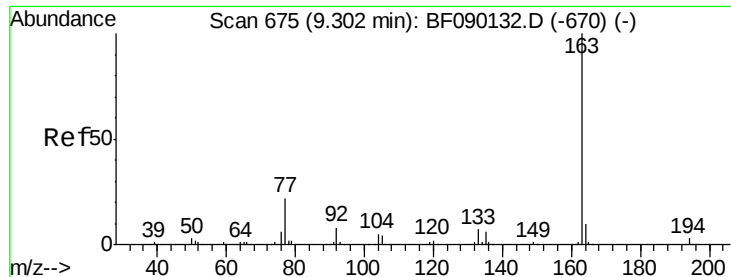
Abundance

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

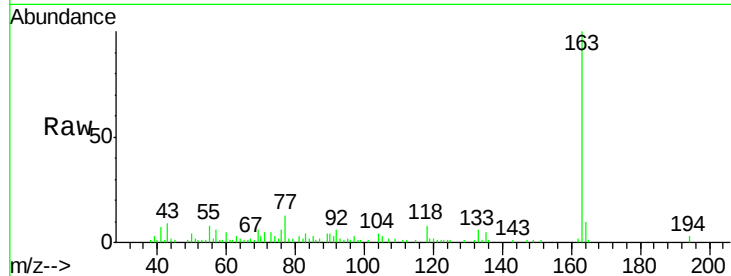




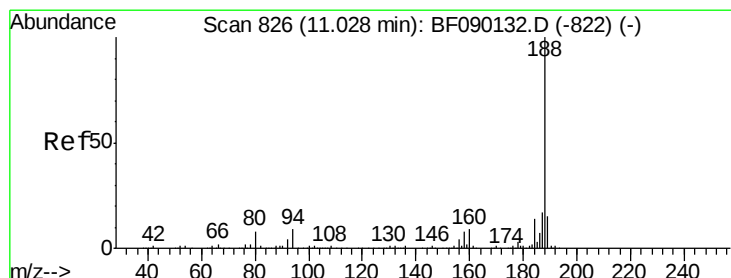
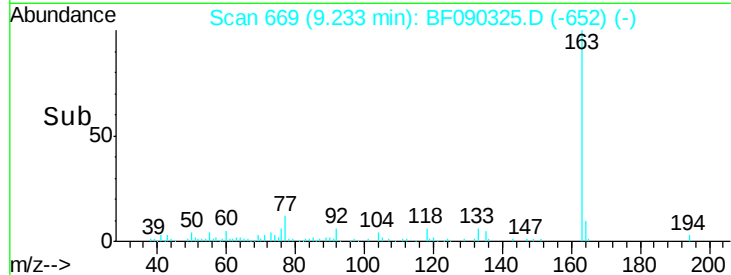
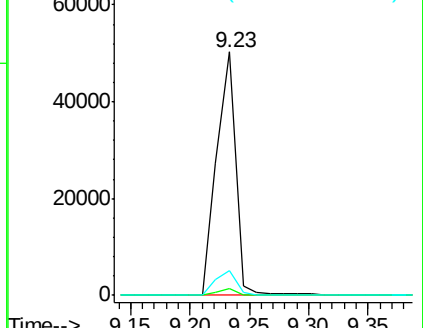
#49
Dimethylphthalate
Concen: 4.83 ng
RT: 9.23 min Scan# 669
Delta R.T. -0.00 min
Lab File: BF090325.D
Acq: 30 Sep 2016 21:16

Instrument :
BNA_F
ClientSampleId :
WC-AREA-B-2-09272016

Tot Ion:163 Resp: 55961
Ion Ratio Lower Upper
163 100
194 3.0 2.8 4.2
164 10.3 8.1 12.1

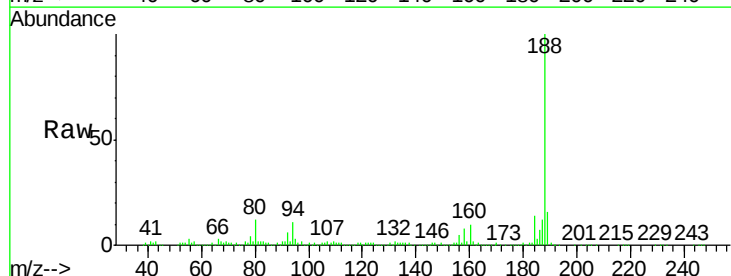


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

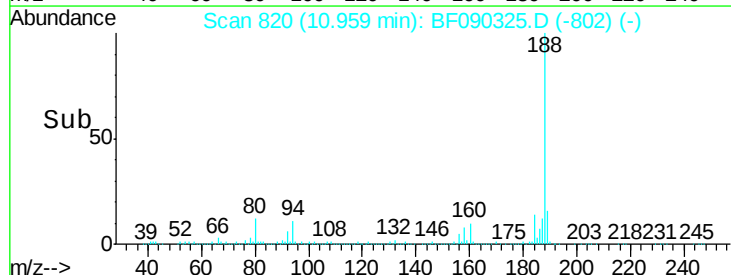
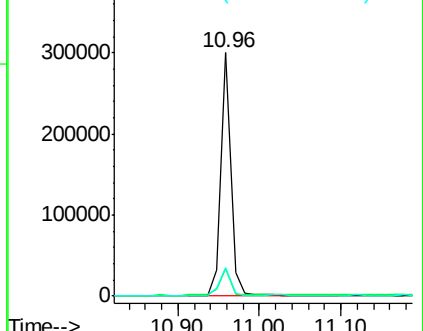


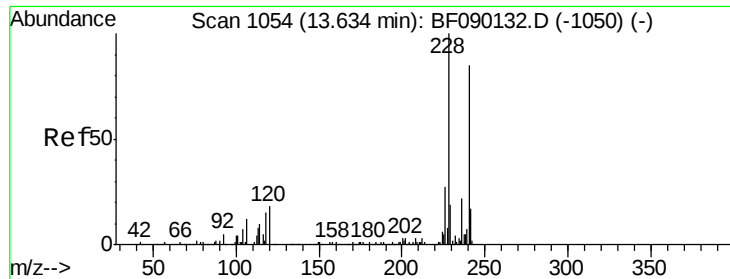
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.96 min Scan# 820
Delta R.T. 0.01 min
Lab File: BF090325.D
Acq: 30 Sep 2016 21:16

Tgt Ion:188 Resp: 258306
Ion Ratio Lower Upper
188 100
94 11.3 10.5 15.7
80 11.8 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

Chrysene-d12

Concen: 20.00 ng

RT: 13.59 min Scan# 1050

Delta R.T. 0.02 min

Lab File: BF090325.D

Acq: 30 Sep 2016 21:16

Instrument :

BNA_F

ClientSampleId :

WC-AREA-B-2-09272016

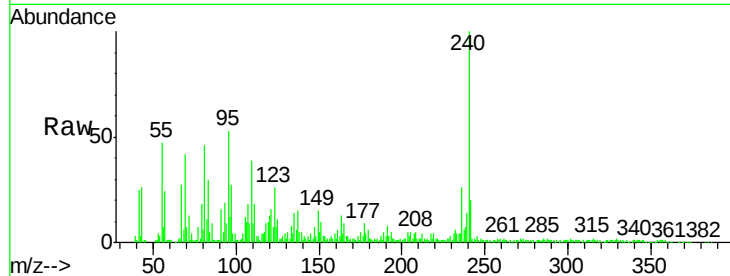
Tot Ion:240 Resp: 188996

Ion Ratio Lower Upper

240 100

120 12.8 10.6 16.0

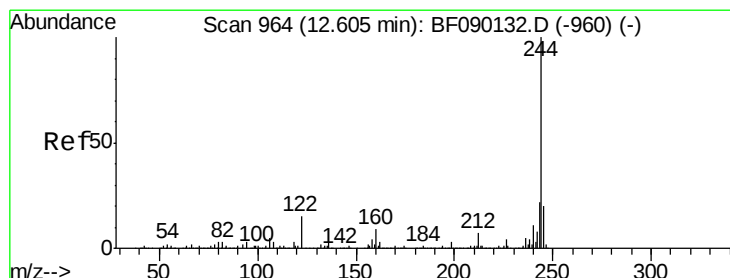
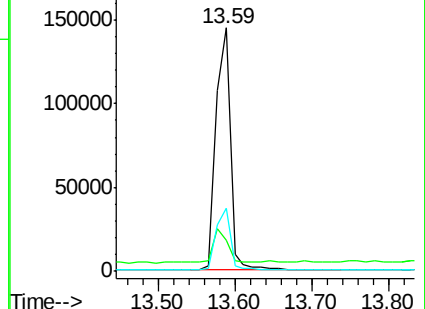
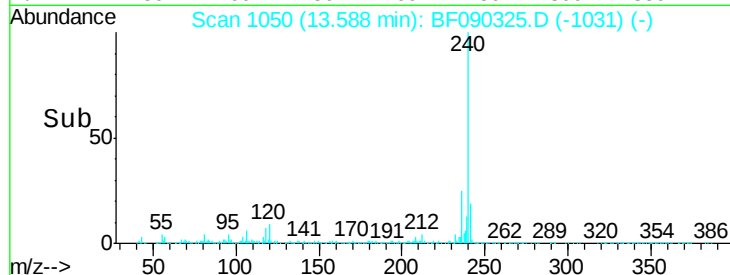
236 25.8 21.6 32.4



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: 15.48 ng

RT: 12.55 min Scan# 959

Delta R.T. 0.01 min

Lab File: BF090325.D

Acq: 30 Sep 2016 21:16

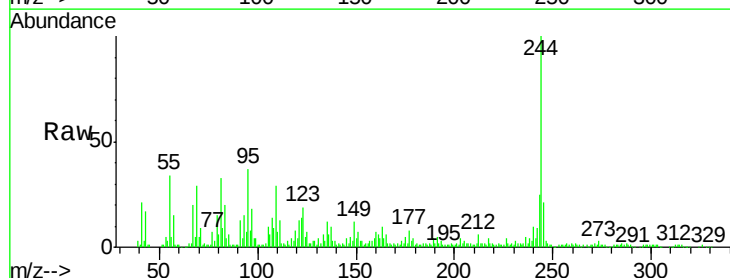
Tgt Ion:244 Resp: 115213

Ion Ratio Lower Upper

244 100

212 6.4 5.8 8.8

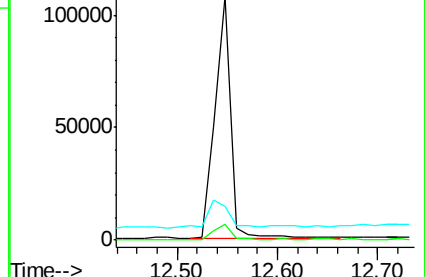
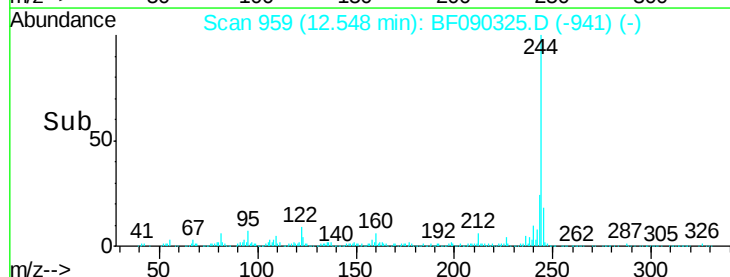
122 13.8 9.4 14.0

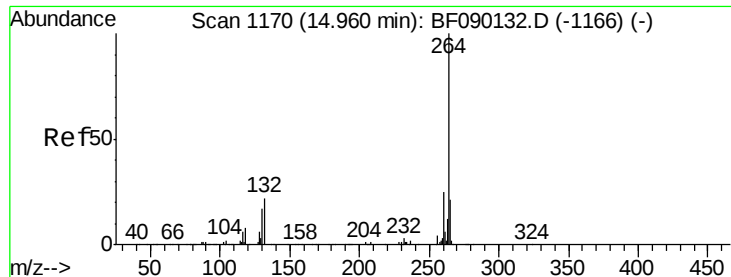


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



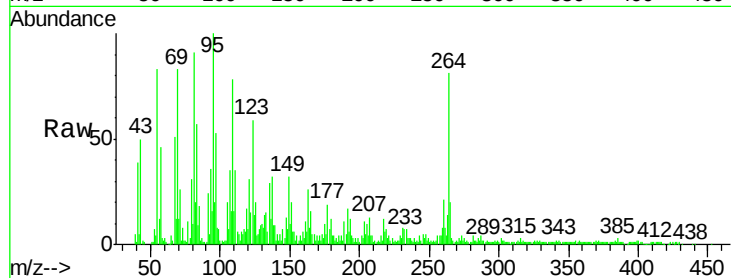


#86
Pervlene-d12
Concen: 20.00 ng
RT: 14.93 min Scan# 1167
Delta R.T. 0.05 min
Lab File: BF090325.D
Acq: 30 Sep 2016 21:16

Instrument :
BNA_F
ClientSampleId :
WC-AREA-B-2-09272016

Tot Ion: 264 Resp: 117825

Ion	Ratio	Lower	Upper
264	100		
260	25.7	19.5	29.3
265	24.2	17.0	25.4



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

