

Data Path : Z:\HPCHEM1\BNA F\DATA\BF093016\
 Data File : BF090332.D
 Acq On : 1 Oct 2016 00:28
 Operator : UM/SJ
 Sample : H4998-07
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B045-0-3

Quant Time: Oct 01 00:53:36 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 26 15:58:38 2016
 Response via : Initial Calibration

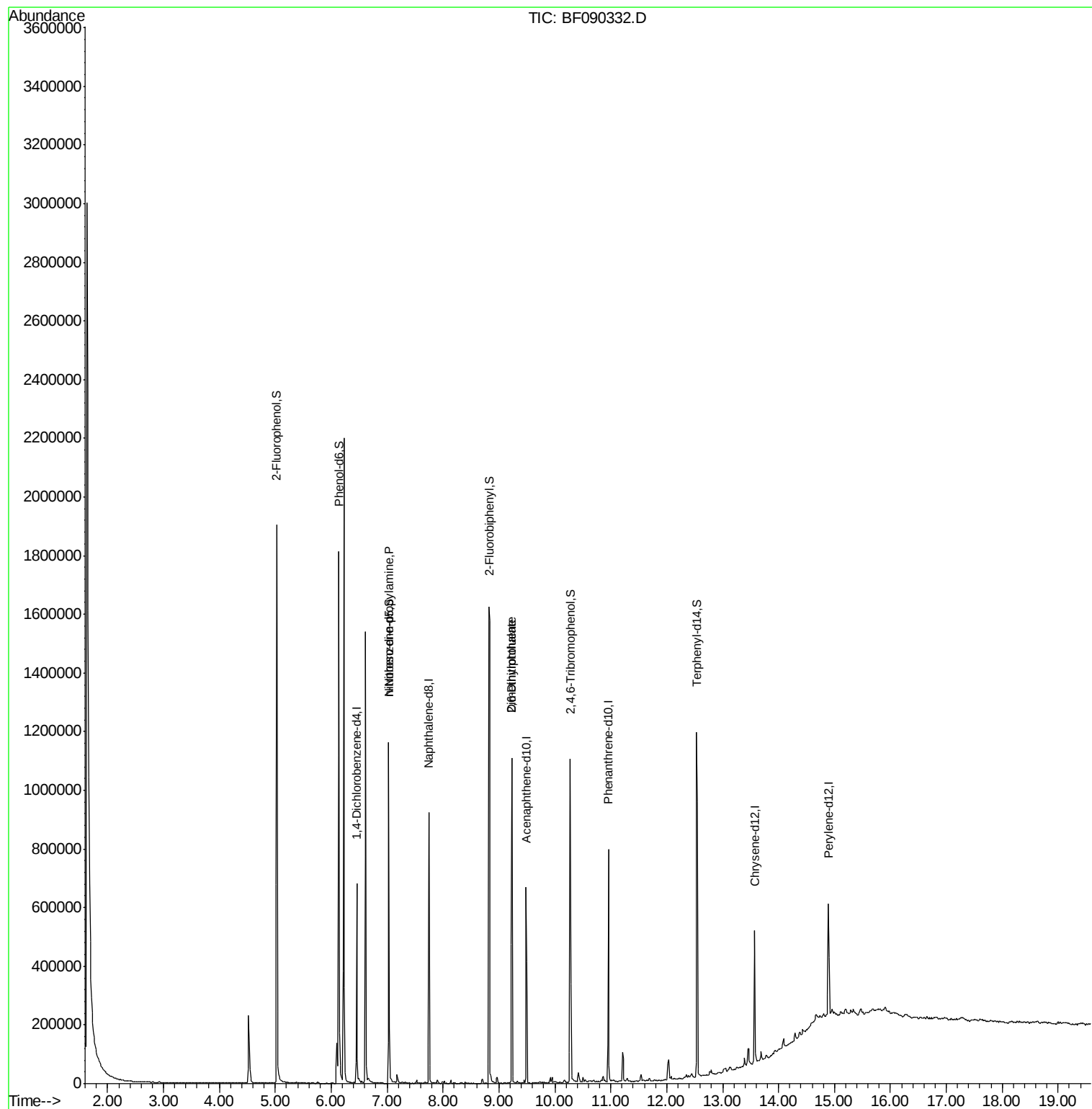
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.46	152	104043	20.00	ng	-0.02
21) Naphthalene-d8	7.75	136	404850	20.00	ng	-0.02
38) Acenaphthene-d10	9.48	164	183830	20.00	ng	-0.02
63) Phenanthrene-d10	10.96	188	280676	20.00	ng	-0.02
75) Chrysene-d12	13.58	240	225957	20.00	ng	-0.02
86) Perylene-d12	14.89	264	172451	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	648911	101.66	ng	0.00
7) Phenol-d6	6.14	99	922212	116.99	ng	0.00
23) Nitrobenzene-d5	7.03	82	410853	58.83	ng	-0.03
41) 2,4,6-Tribromophenol	10.27	330	141681	89.84	ng	-0.02
44) 2-Fluorobiphenyl	8.83	172	821879	87.77	ng	-0.02
78) Terphenyl-d14	12.54	244	522566	58.72	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.03	70	47874	10.34	ng	# 81
49) Dimethylphthalate	9.23	163	543295	46.40	ng	99
50) 2,6-Dinitrotoluene	9.23	165	5828	2.23	ng	# 44

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

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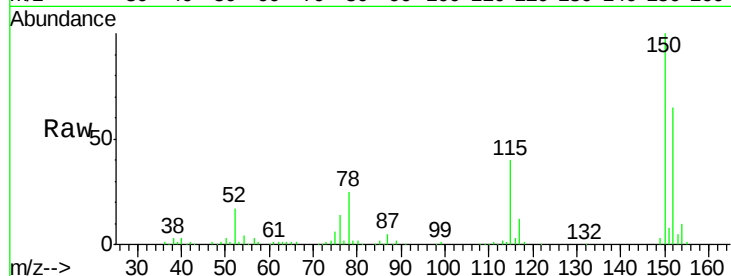


#1

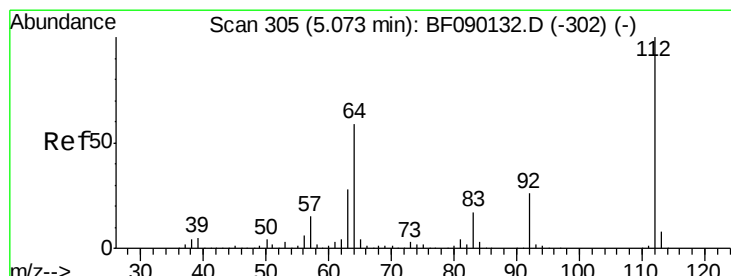
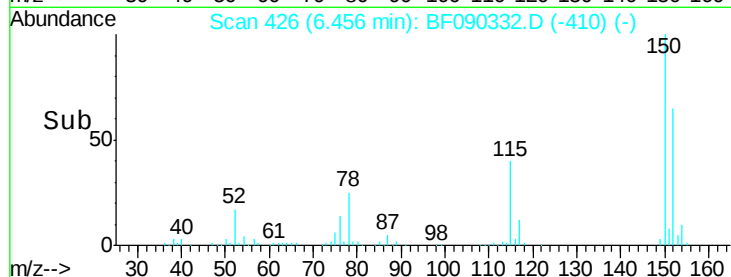
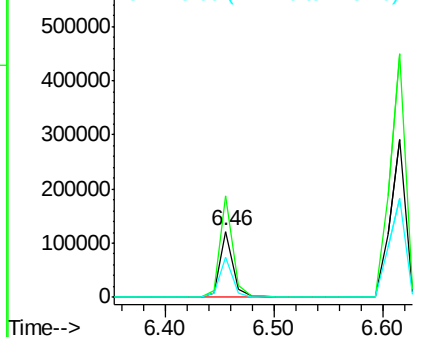
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.46 min Scan# 426
Delta R.T. -0.02 min
Lab File: BF090332.D
Acq: 1 Oct 2016 00:28

Instrument :
BNA_F
ClientSampleId :
SUP-B045-0-3

Tot Ion:152 Resp: 104043
Ion Ratio Lower Upper
152 100
150 154.7 128.9 193.3
115 61.1 55.5 83.3



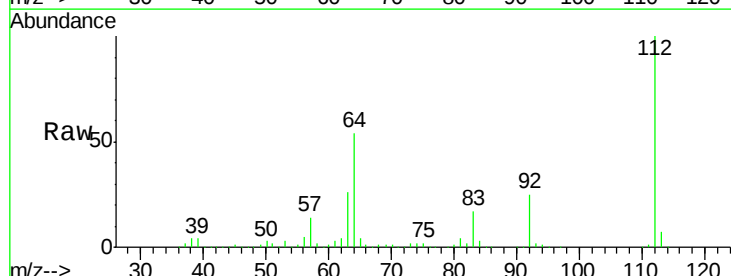
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



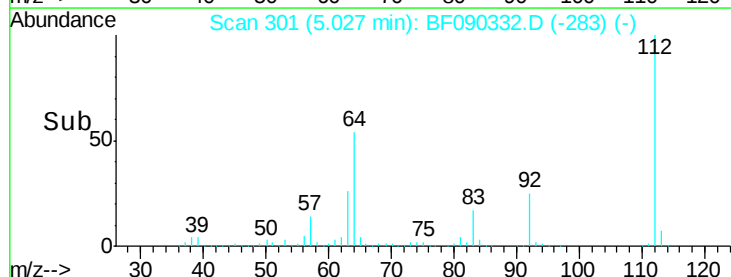
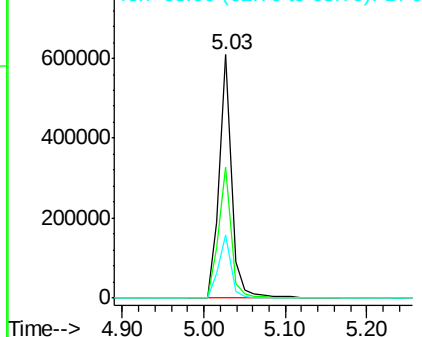
#5

2-Fluorophenol
Concen: 101.66 ng
RT: 5.03 min Scan# 301
Delta R.T. 0.00 min
Lab File: BF090332.D
Acq: 1 Oct 2016 00:28

Tgt Ion:112 Resp: 648911
Ion Ratio Lower Upper
112 100
64 53.7 39.8 59.6
63 25.8 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: 116.99 ng

RT: 6.14 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF090332.D

Acq: 1 Oct 2016 00:28

Instrument :

BNA_F

ClientSampleId :

SUP-B045-0-3

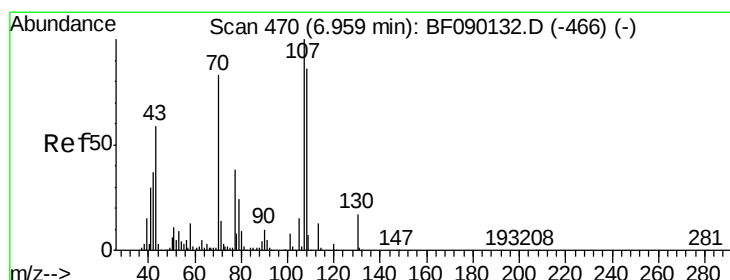
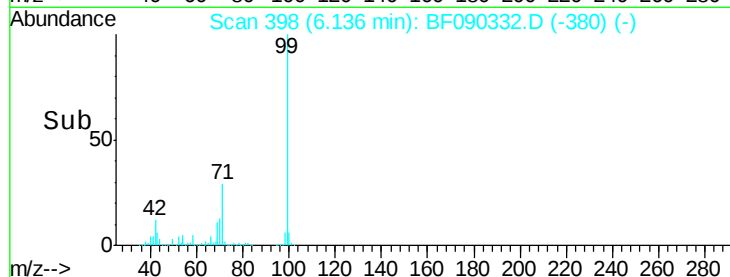
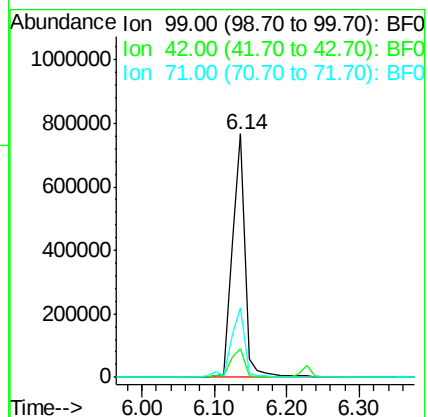
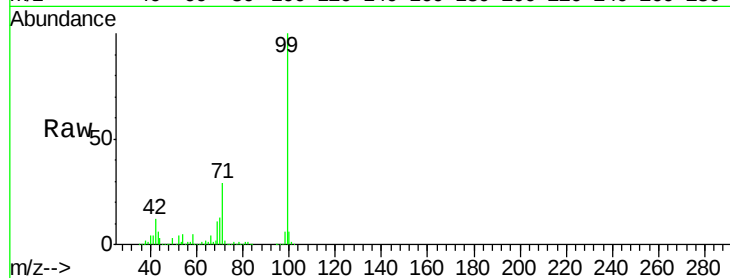
Tot Ion: 99 Resp: 922212

Ion Ratio Lower Upper

99 100

42 11.7 10.6 15.8

71 28.7 23.0 34.6



#19

n-Nitroso-di-n-propylamine

Concen: 10.34 ng

RT: 7.03 min Scan# 476

Delta R.T. 0.11 min

Lab File: BF090332.D

Acq: 1 Oct 2016 00:28

Tgt Ion: 70 Resp: 47874

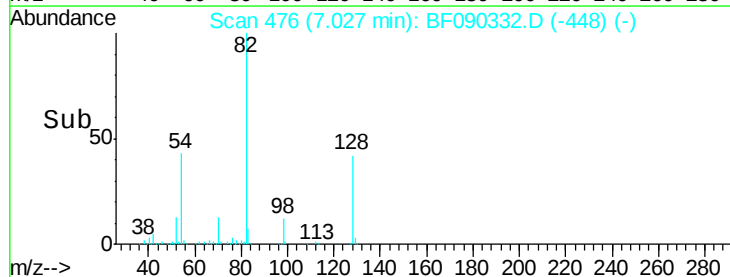
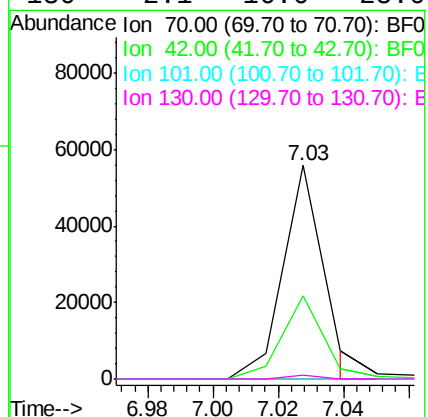
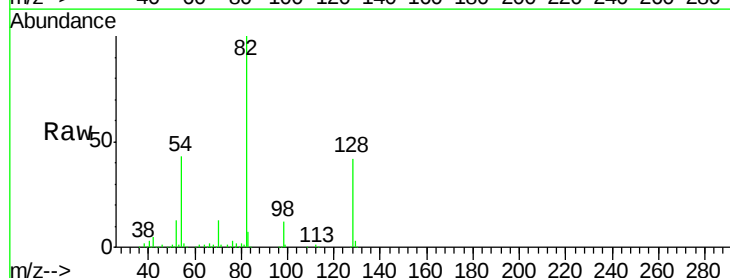
Ion Ratio Lower Upper

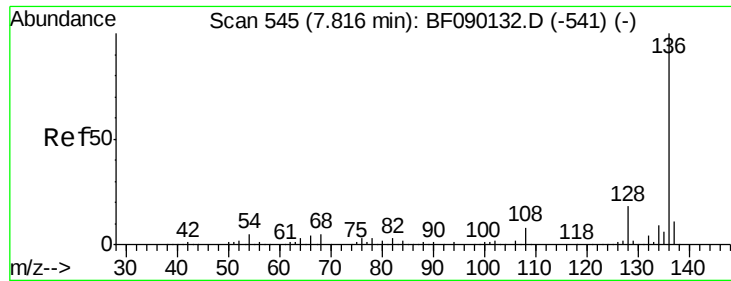
70 100

42 38.9 35.1 52.7

101 0.0 7.5 11.3#

130 2.1 16.6 25.0#

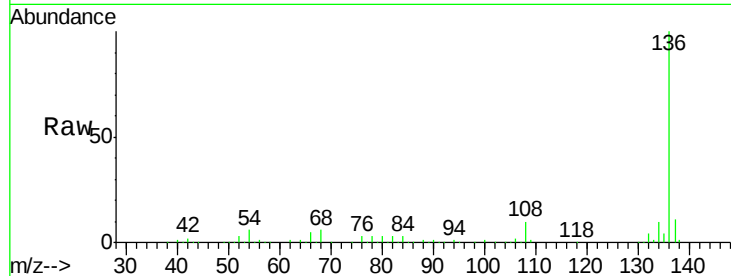




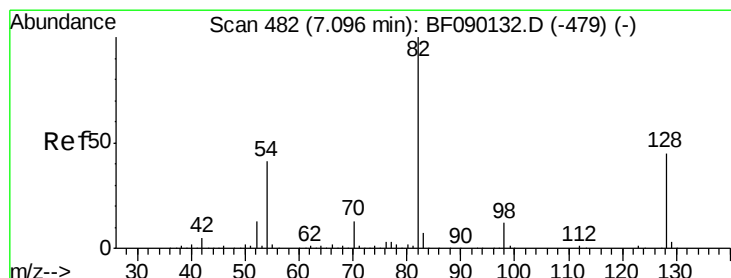
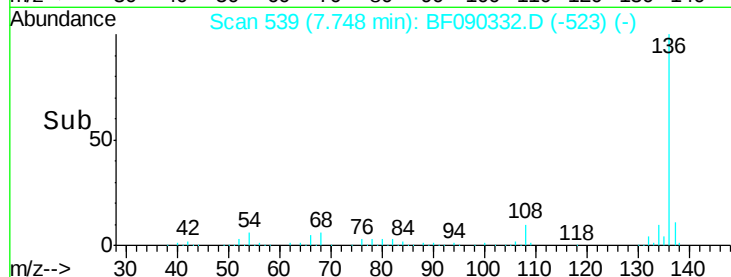
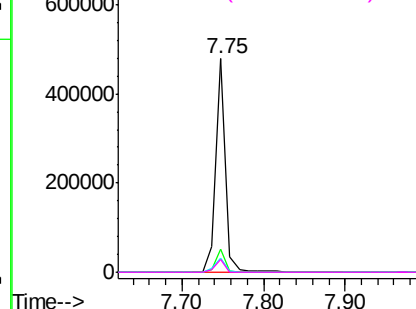
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.75 min Scan# 539
Delta R.T. -0.02 min
Lab File: BF090332.D
Acq: 1 Oct 2016 00:28

Instrument :
BNA_F
ClientSampleId :
SUP-B045-0-3

Tot Ion:136	Resp:	404850
Ion Ratio	Lower	Upper
136	100	
137	11.0	9.0 13.4
54	6.4	6.4 9.6
68	6.0	6.3 9.5#

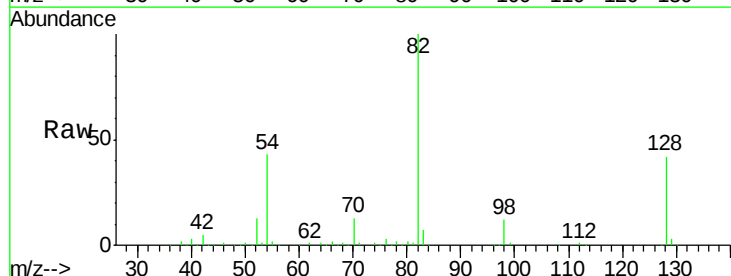


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

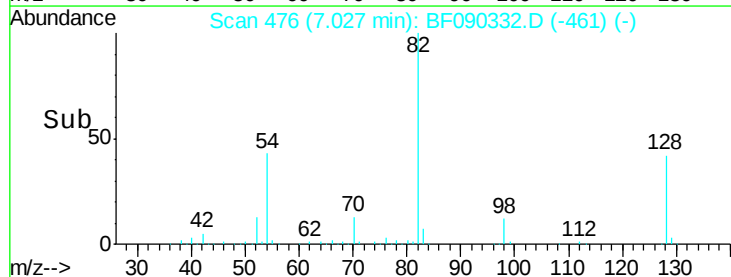
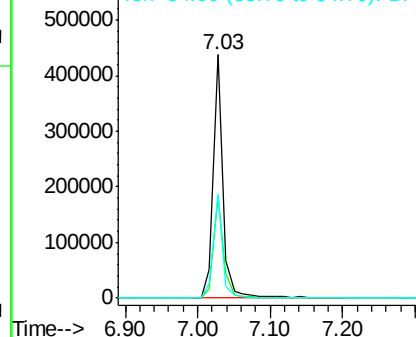


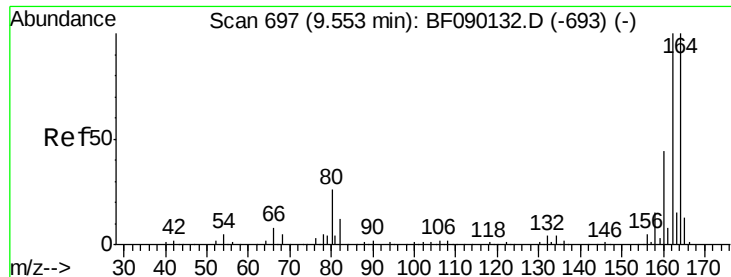
#23
Nitrobenzene-d5
Concen: 58.83 ng
RT: 7.03 min Scan# 476
Delta R.T. -0.03 min
Lab File: BF090332.D
Acq: 1 Oct 2016 00:28

Tgt Ion: 82	Resp:	410853
Ion Ratio	Lower	Upper
82	100	
128	41.7	37.5 56.3
54	42.9	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

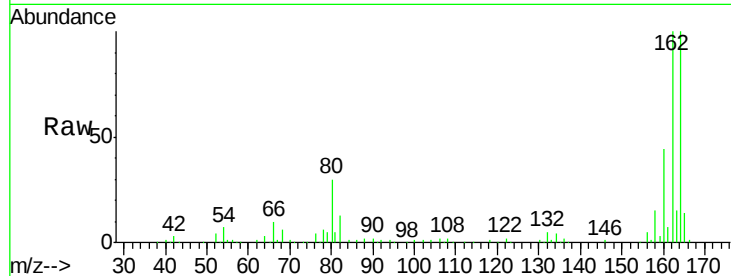




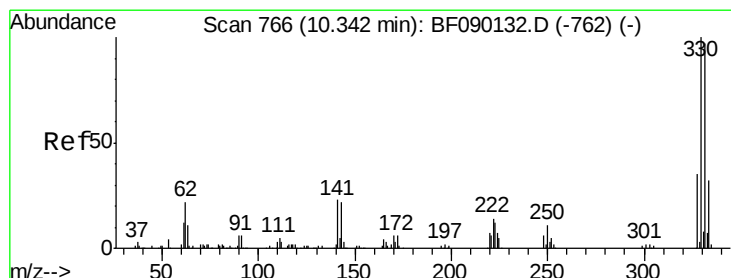
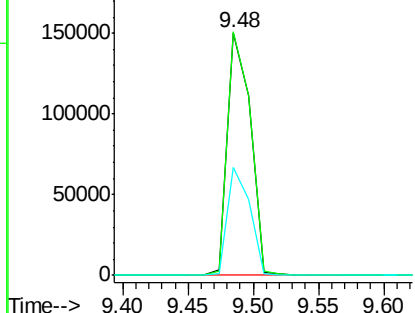
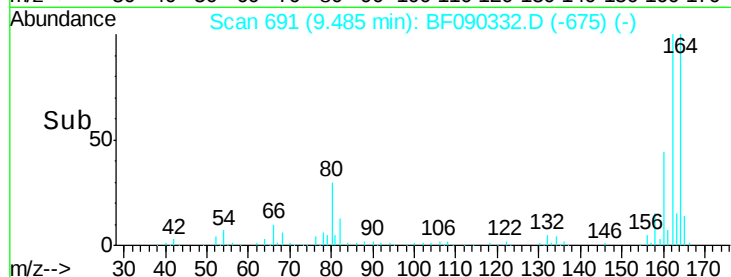
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.48 min Scan# 691
Delta R.T. -0.02 min
Lab File: BF090332.D
Acq: 1 Oct 2016 00:28

Instrument :
BNA_F
ClientSampleId :
SUP-B045-0-3

Tot Ion:164 Resp: 183830
Ion Ratio Lower Upper
164 100
162 100.4 81.4 122.2
160 44.7 36.6 54.8

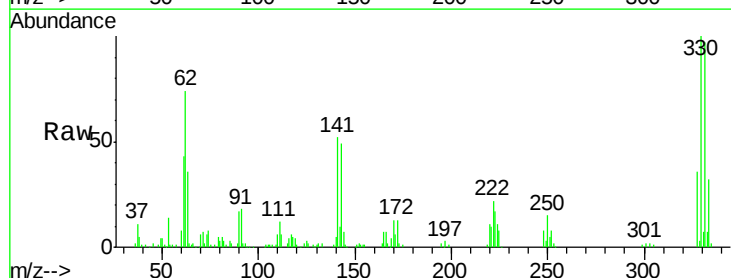


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

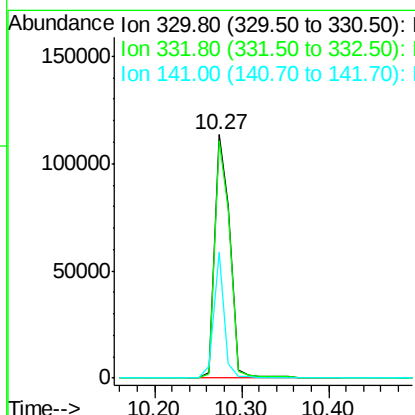
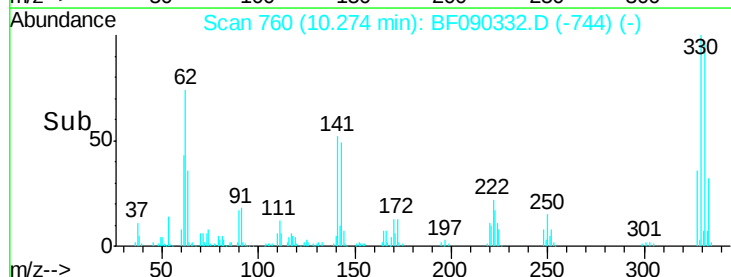


#41
2,4,6-Tribromophenol
Concen: 89.84 ng
RT: 10.27 min Scan# 760
Delta R.T. -0.02 min
Lab File: BF090332.D
Acq: 1 Oct 2016 00:28

Tgt Ion:330 Resp: 141681
Ion Ratio Lower Upper
330 100
332 97.5 78.1 117.1
141 35.6 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

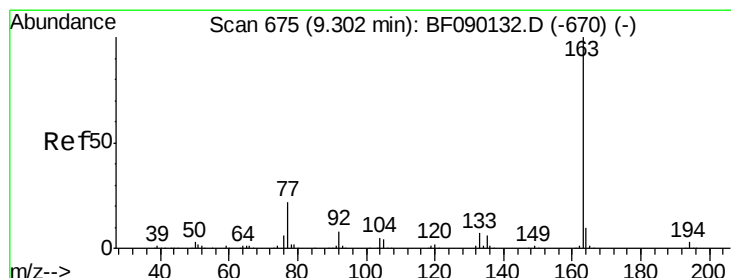
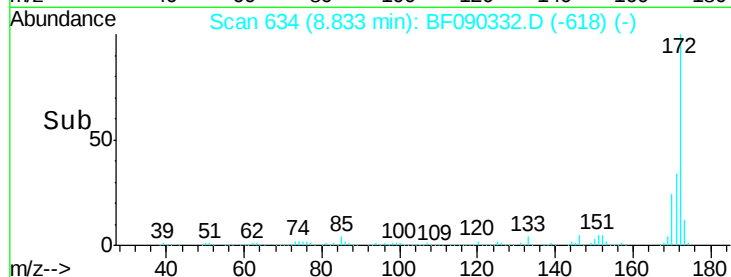
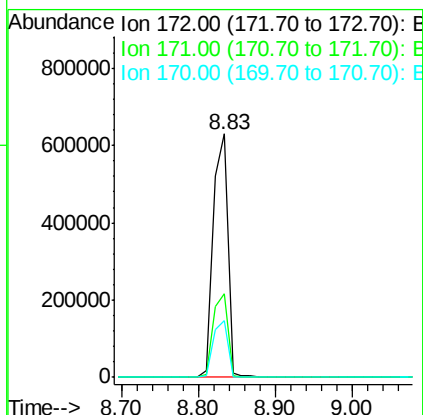
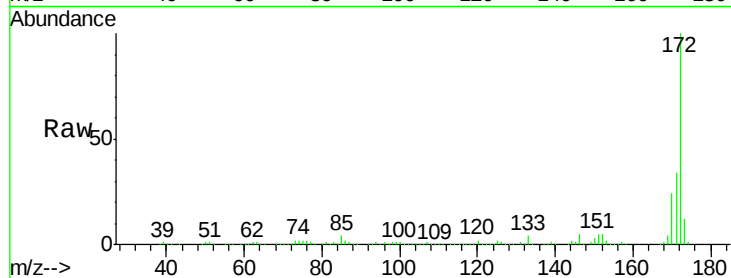




#44
2-Fluorobiphenyl
Concen: 87.77 ng
RT: 8.83 min Scan# 634
Delta R.T. -0.02 min
Lab File: BF090332.D
Acq: 1 Oct 2016 00:28

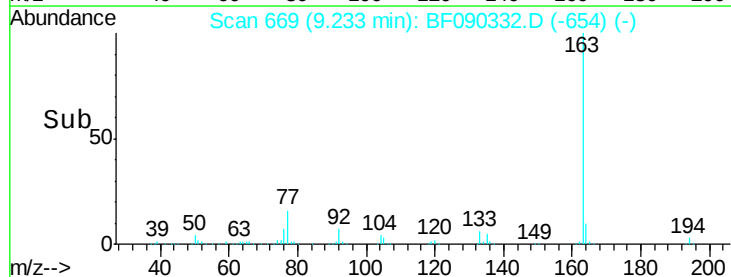
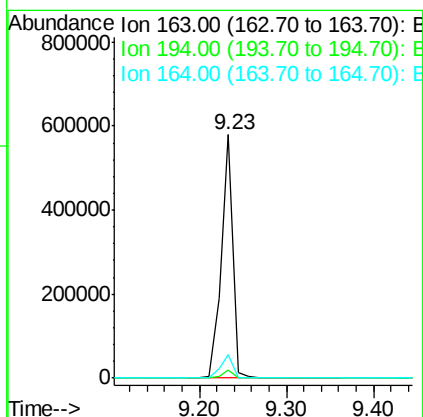
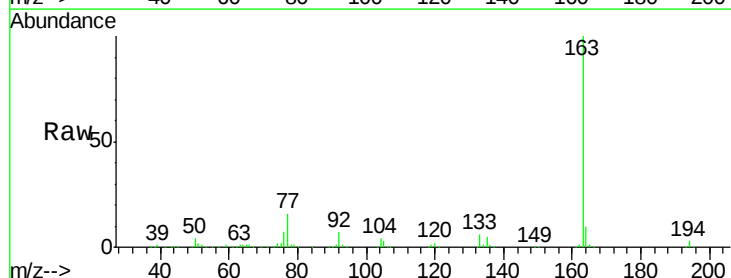
Instrument :
BNA_F
ClientSampleId :
SUP-B045-0-3

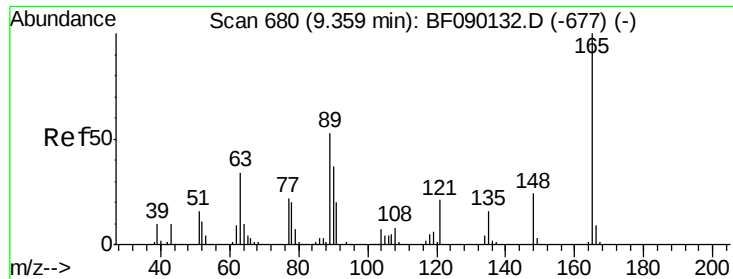
Tot Ion:172 Resp: 821879
Ion Ratio Lower Upper
172 100
171 34.4 29.2 43.8
170 23.5 19.8 29.8



#49
Dimethylphthalate
Concen: 46.40 ng
RT: 9.23 min Scan# 669
Delta R.T. -0.03 min
Lab File: BF090332.D
Acq: 1 Oct 2016 00:28

Tgt Ion:163 Resp: 543295
Ion Ratio Lower Upper
163 100
194 3.3 2.8 4.2
164 9.8 8.1 12.1

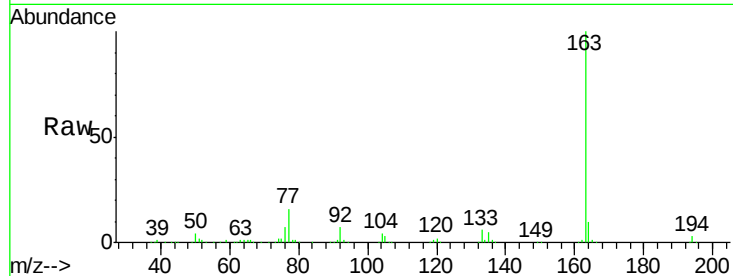




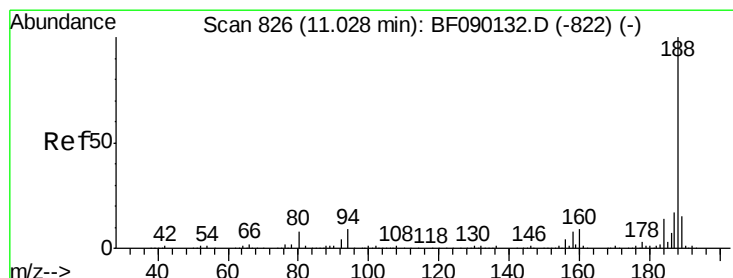
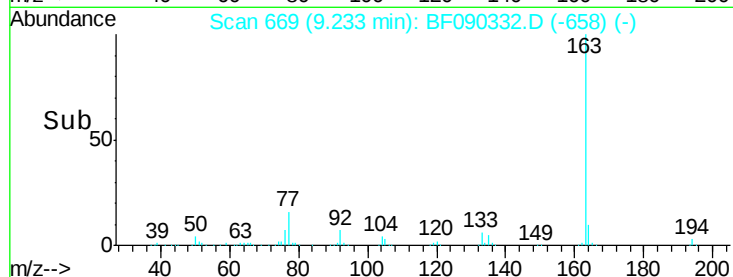
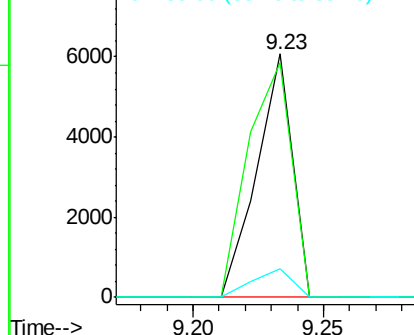
#50
 2,6-Dinitrotoluene
 Concen: 2.23 ng
 RT: 9.23 min Scan# 669
 Delta R.T. -0.08 min
 Lab File: BF090332.D
 Acq: 1 Oct 2016 00:28

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B045-0-3

Tot Ion:165 Resp: 5828
 Ion Ratio Lower Upper
 165 100
 63 96.4 49.9 74.9#
 89 11.5 51.0 76.4#

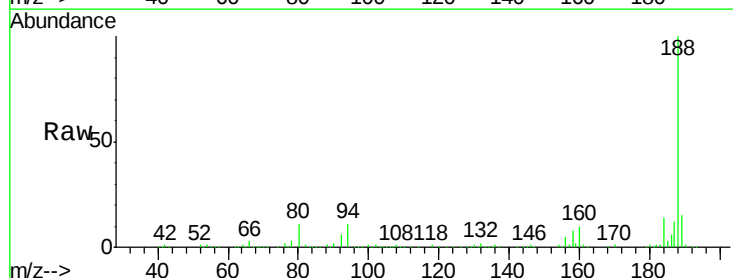


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

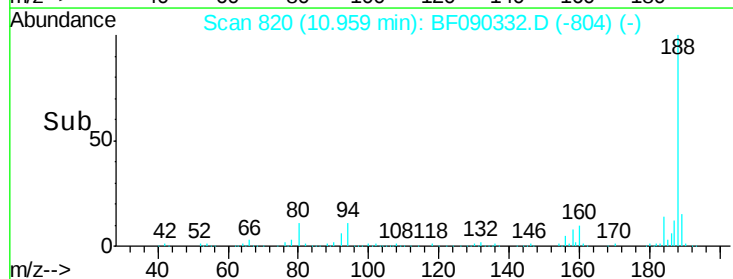
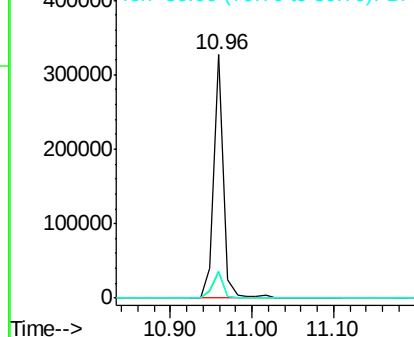


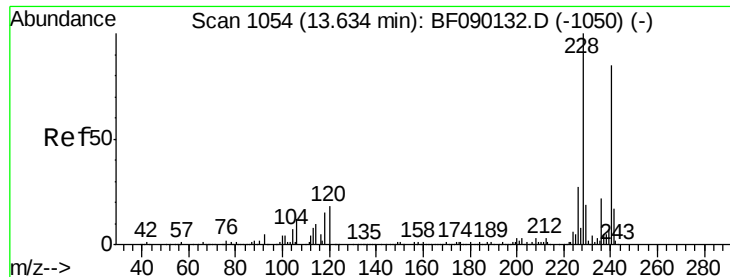
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.96 min Scan# 820
 Delta R.T. -0.02 min
 Lab File: BF090332.D
 Acq: 1 Oct 2016 00:28

Tgt Ion:188 Resp: 280676
 Ion Ratio Lower Upper
 188 100
 94 10.5 10.5 15.7
 80 11.0 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: 13.58 min Scan# 1049

Delta R.T. -0.02 min

Lab File: BF090332.D

Acq: 1 Oct 2016 00:28

Instrument :

BNA_F

ClientSampleId :

SUP-B045-0-3

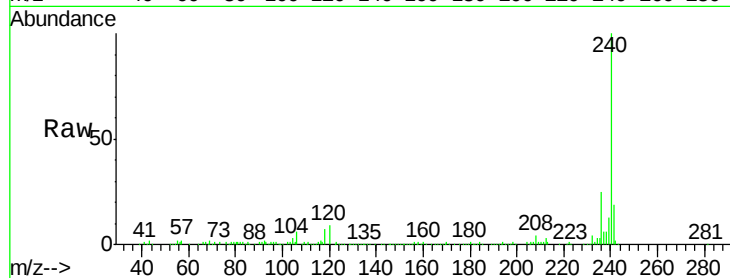
Tot Ion:240 Resp: 225957

Ion Ratio Lower Upper

240 100

120 9.0 10.6 16.0#

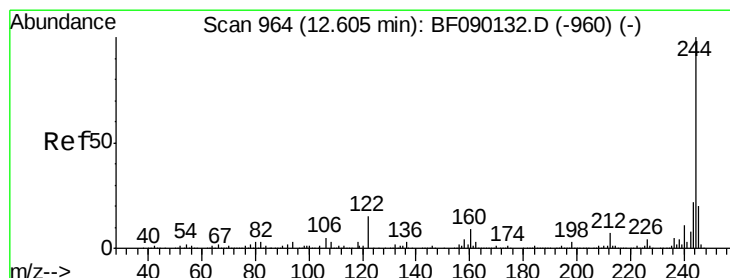
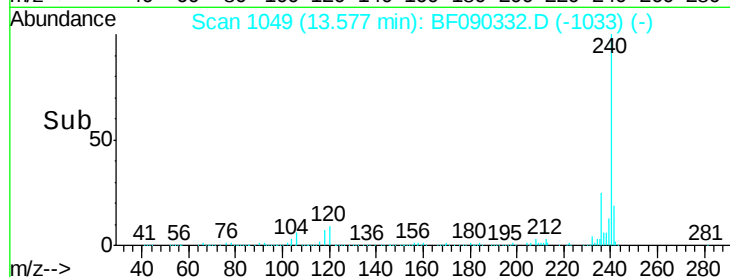
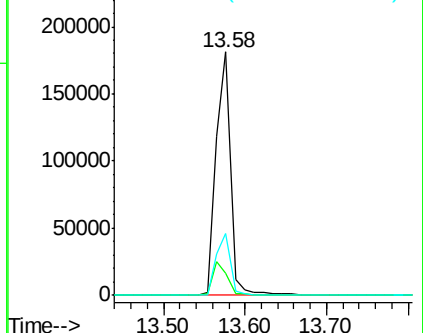
236 25.3 21.6 32.4



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: 58.72 ng

RT: 12.54 min Scan# 958

Delta R.T. -0.02 min

Lab File: BF090332.D

Acq: 1 Oct 2016 00:28

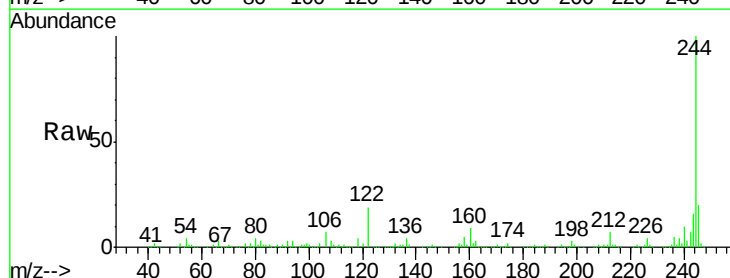
Tgt Ion:244 Resp: 522566

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

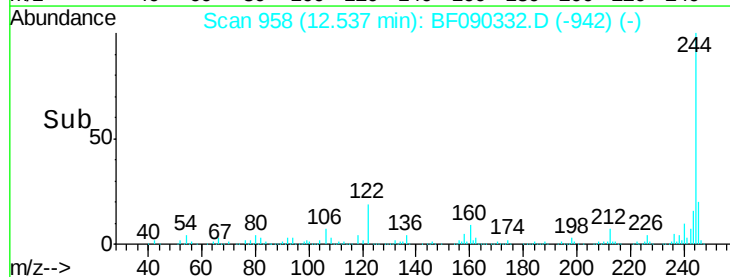
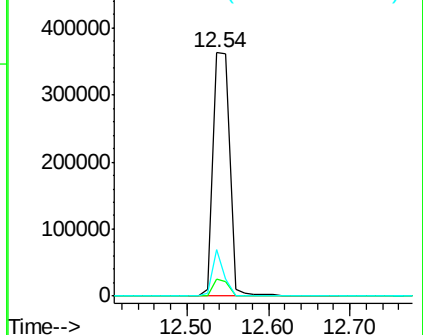
122 19.3 9.4 14.0#

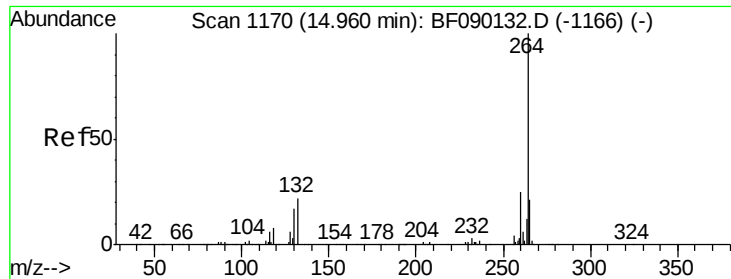


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

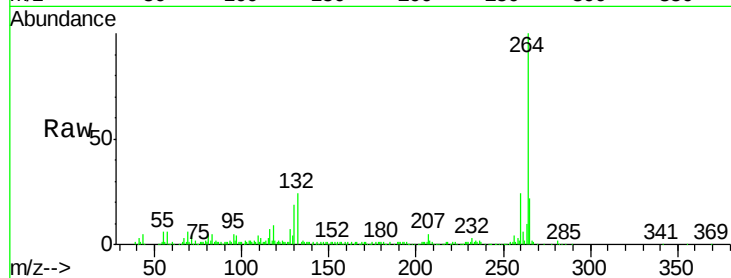




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 14.89 min Scan# 1164
 Delta R.T. -0.02 min
 Lab File: BF090332.D
 Acq: 1 Oct 2016 00:28

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B045-0-3

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	21.5	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

