

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092116\
 Data File : BF090164.D
 Acq On : 21 Sep 2016 16:55
 Operator : UM/SJ
 Sample : H4860-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PZ-6

Quant Time: Sep 22 01:53:37 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 20 17:58:29 2016
 Response via : Initial Calibration

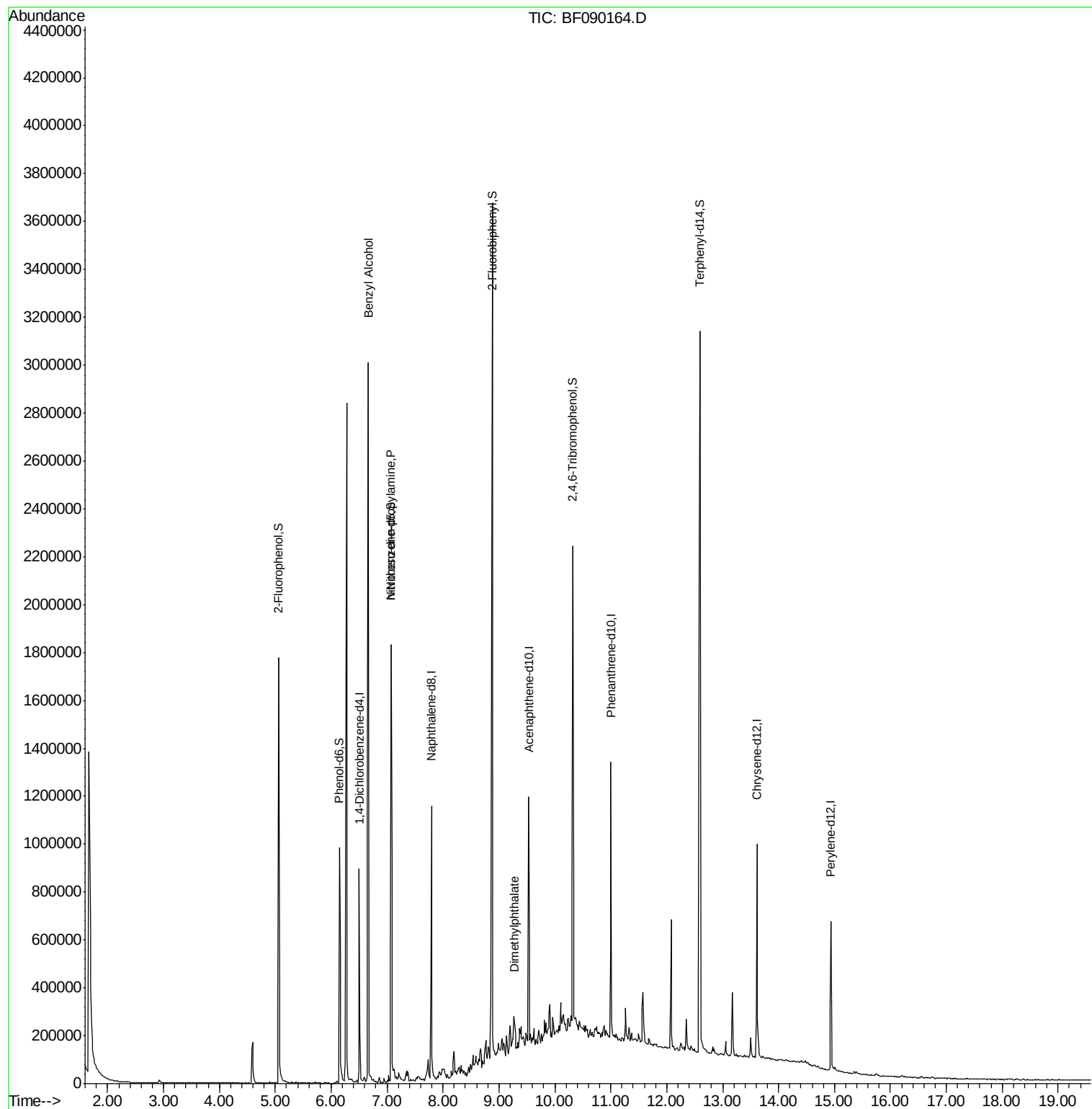
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	148234	20.00	ng	-0.02
21) Naphthalene-d8	7.79	136	583763	20.00	ng	-0.02
38) Acenaphthene-d10	9.53	164	258977	20.00	ng	-0.02
63) Phenanthrene-d10	11.00	188	451804	20.00	ng	-0.02
75) Chrysene-d12	13.61	240	322389	20.00	ng	-0.02
86) Perylene-d12	14.94	264	262137	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	612016	67.30	ng	-0.01
7) Phenol-d6	6.15	99	520862	46.38	ng	-0.02
23) Nitrobenzene-d5	7.07	82	898499	89.22	ng	-0.02
41) 2,4,6-Tribromophenol	10.32	330	327714	147.50	ng	-0.02
44) 2-Fluorobiphenyl	8.88	172	1459598	110.64	ng	-0.01
78) Terphenyl-d14	12.59	244	1267323	99.80	ng	-0.01
Target Compounds						Qvalue
15) Benzyl Alcohol	6.66	79	14464	2.16	ng	# 48
19) n-Nitroso-di-n-propylamine	7.07	70	101793	15.43	ng	# 80
49) Dimethylphthalate	9.27	163	43736	2.65	ng	# 95

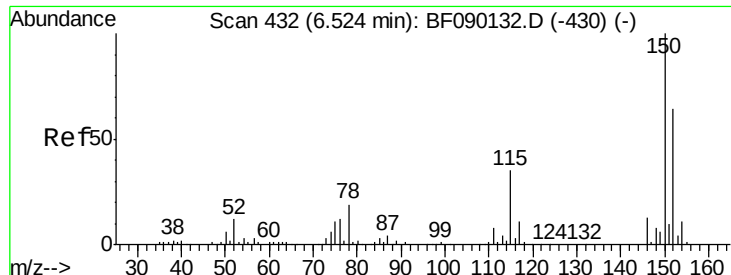
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.50 min Scan# 430

Delta R.T. -0.02 min

Lab File: BF090164.D

Acq: 21 Sep 2016 16:55

Instrument :

BNA_F

ClientSampleId :

PZ-6

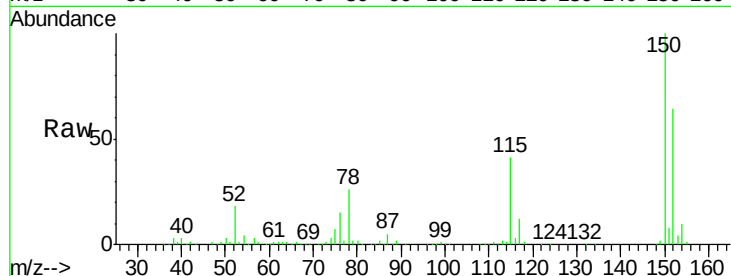
Tgt Ion:152 Resp: 148234

Ion Ratio Lower Upper

152 100

150 155.8 128.9 193.3

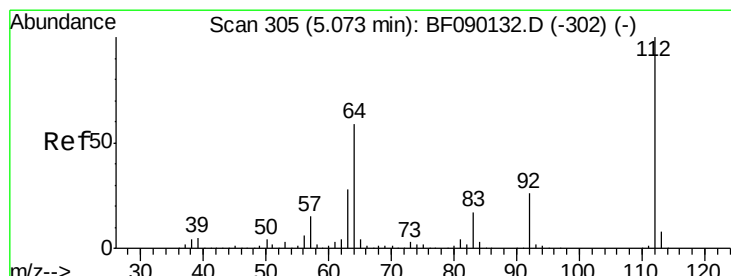
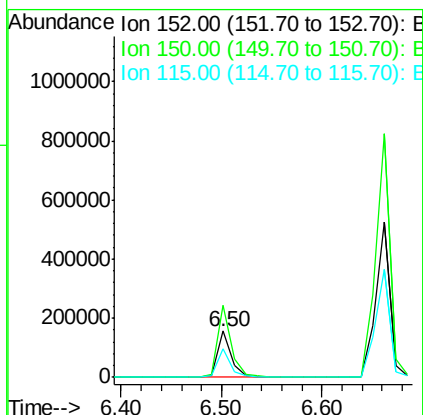
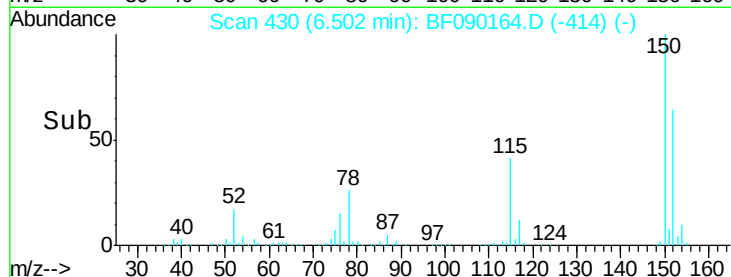
115 63.2 55.5 83.3



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: 67.30 ng

RT: 5.06 min Scan# 304

Delta R.T. -0.01 min

Lab File: BF090164.D

Acq: 21 Sep 2016 16:55

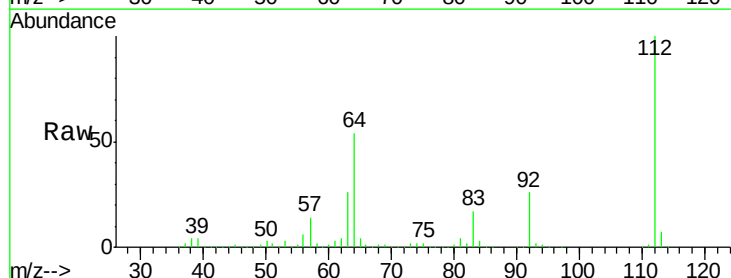
Tgt Ion:112 Resp: 612016

Ion Ratio Lower Upper

112 100

64 54.0 39.8 59.6

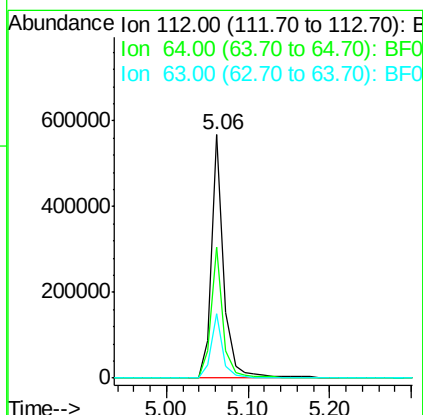
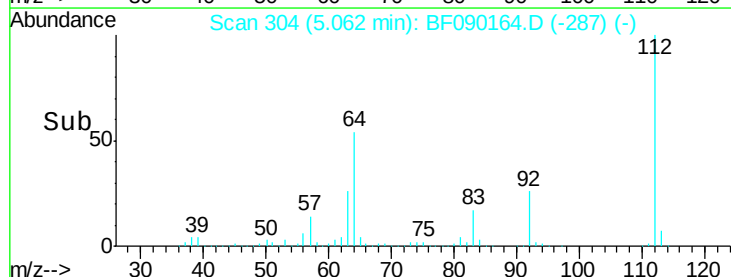
63 26.2 18.9 28.3

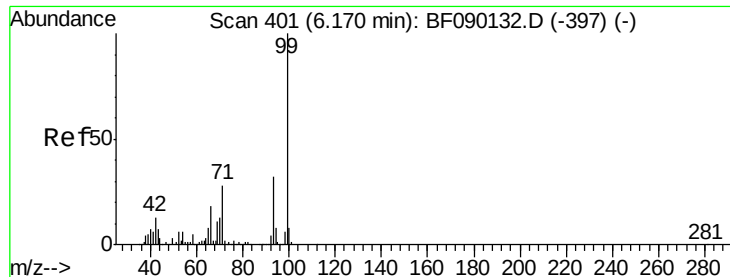


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 46.38 ng

RT: 6.15 min Scan# 399

Delta R.T. -0.02 min

Lab File: BF090164.D

Acq: 21 Sep 2016 16:55

Instrument :

BNA_F

ClientSampleId :

PZ-6

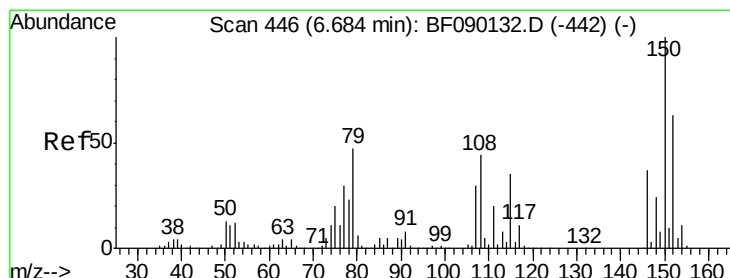
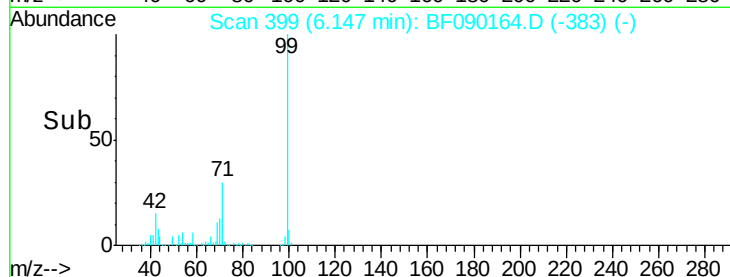
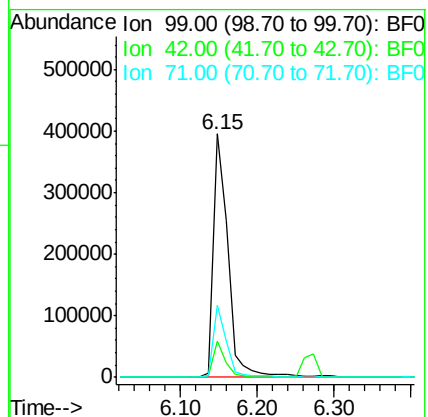
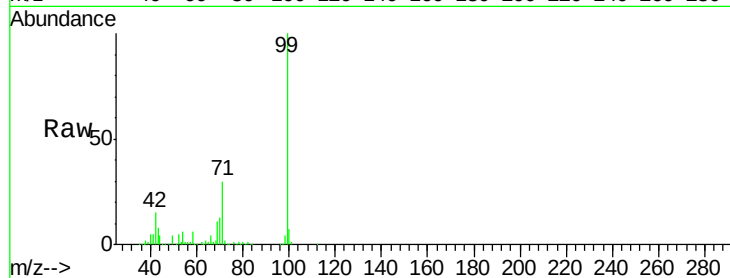
Tgt Ion: 99 Resp: 520862

Ion Ratio Lower Upper

99 100

42 14.8 10.6 15.8

71 29.7 23.0 34.6



#15

Benzyl Alcohol

Concen: 2.16 ng

RT: 6.66 min Scan# 444

Delta R.T. -0.02 min

Lab File: BF090164.D

Acq: 21 Sep 2016 16:55

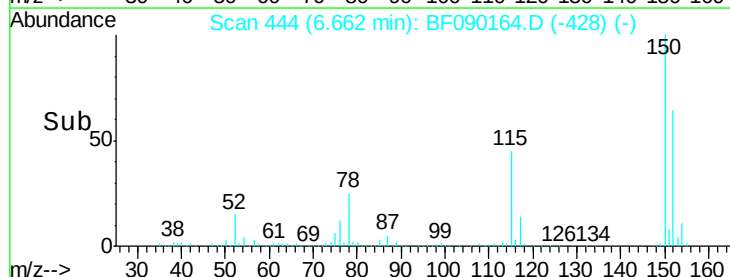
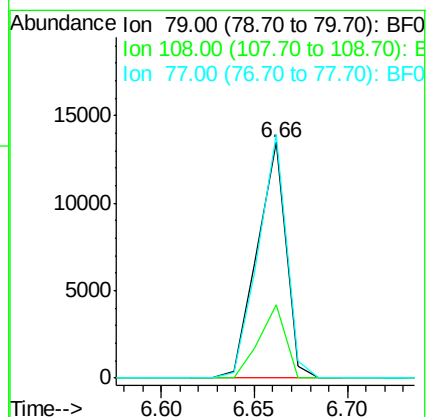
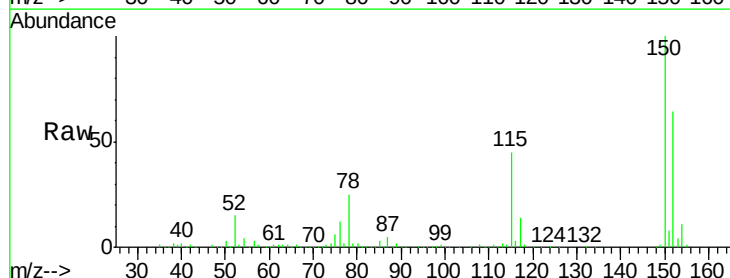
Tgt Ion: 79 Resp: 14464

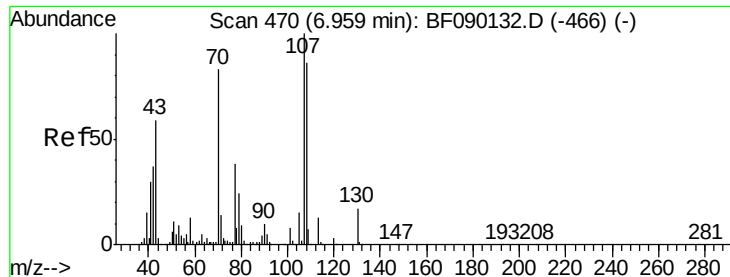
Ion Ratio Lower Upper

79 100

108 31.2 62.2 93.4#

77 103.4 51.4 77.0#

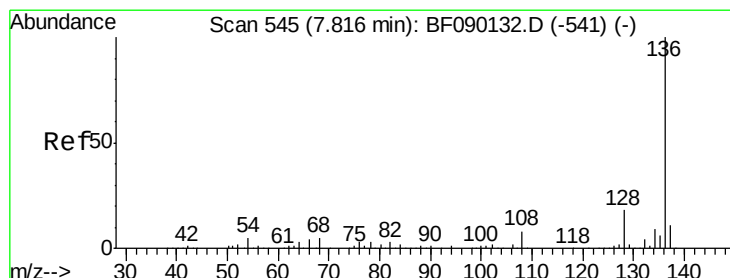
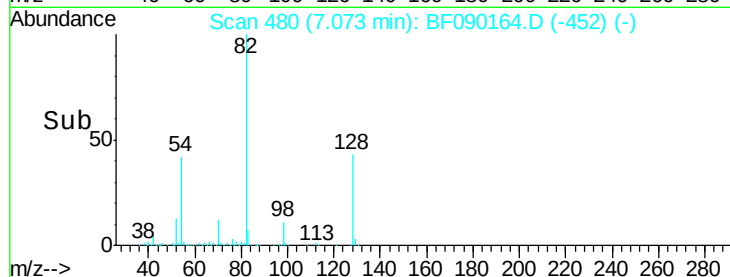
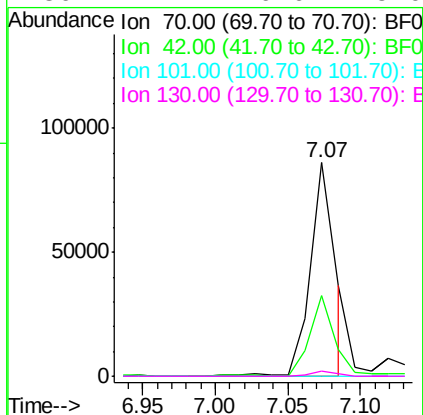
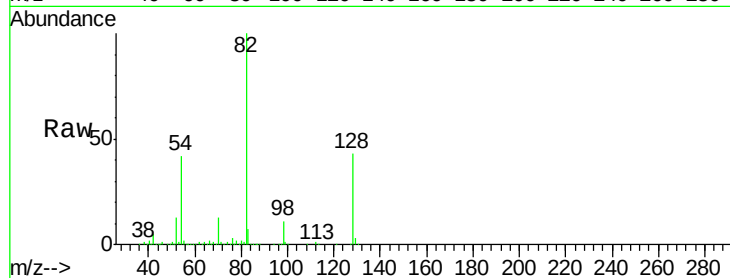




#19
n-Nitroso-di-n-propylamine
Concen: 15.43 ng
RT: 7.07 min Scan# 480
Delta R.T. 0.12 min
Lab File: BF090164.D
Acq: 21 Sep 2016 16:55

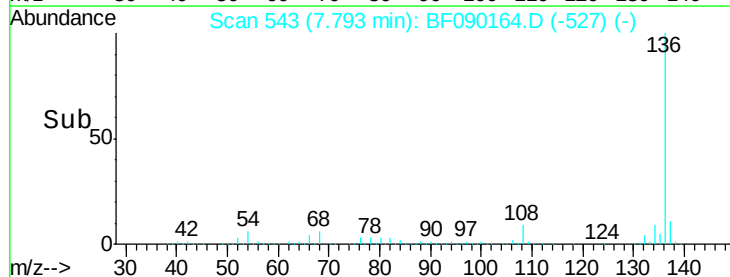
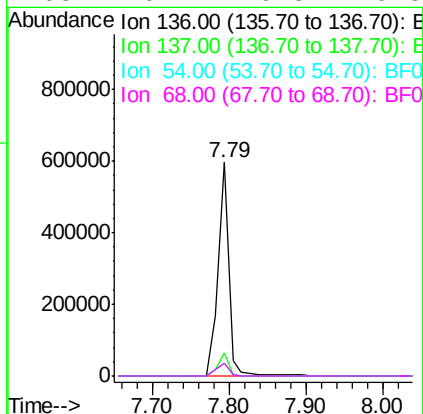
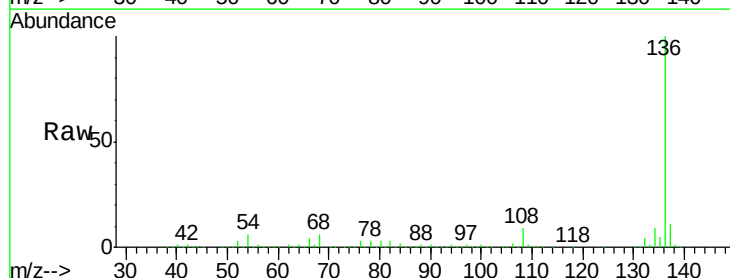
Instrument :
BNA_F
ClientSampleId :
PZ-6

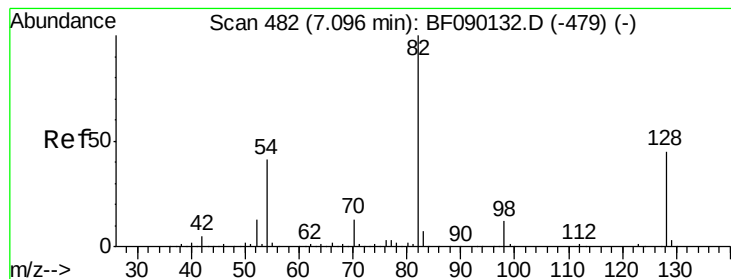
Tgt Ion: 70 Resp: 101793
Ion Ratio Lower Upper
70 100
42 37.8 35.1 52.7
101 0.0 7.5 11.3#
130 2.1 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.79 min Scan# 543
Delta R.T. -0.02 min
Lab File: BF090164.D
Acq: 21 Sep 2016 16:55

Tgt Ion: 136 Resp: 583763
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 6.2 6.4 9.6#
68 6.2 6.3 9.5#





#23

Nitrobenzene-d5

Concen: 89.22 ng

RT: 7.07 min Scan# 480

Delta R.T. -0.02 min

Lab File: BF090164.D

Acq: 21 Sep 2016 16:55

Instrument :

BNA_F

ClientSampleId :

PZ-6

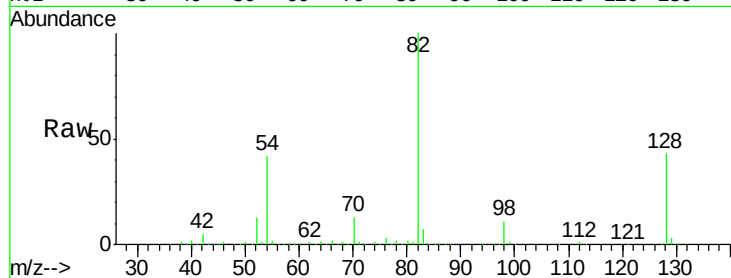
Tgt Ion: 82 Resp: 898499

Ion Ratio Lower Upper

82 100

128 42.7 37.5 56.3

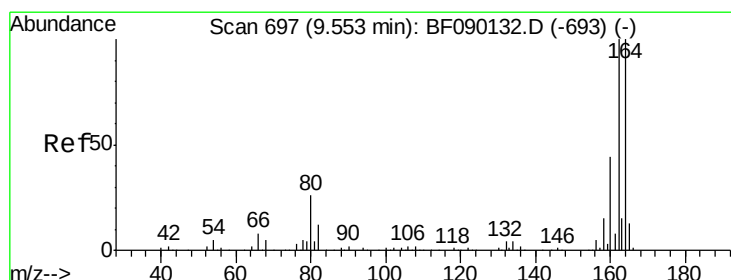
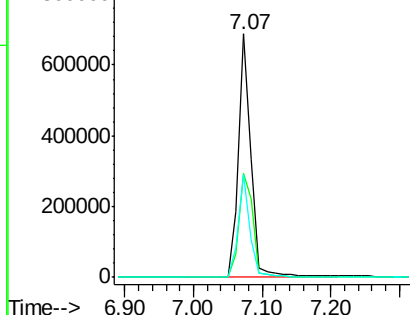
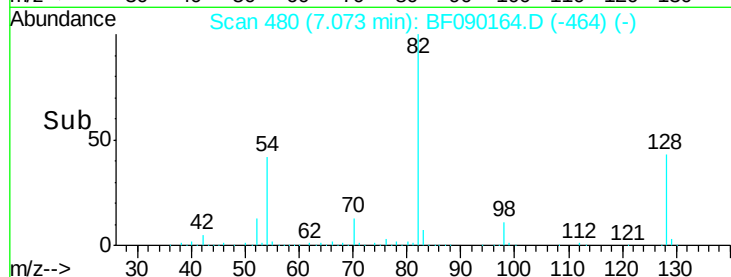
54 42.1 31.9 47.9



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: 9.53 min Scan# 695

Delta R.T. -0.02 min

Lab File: BF090164.D

Acq: 21 Sep 2016 16:55

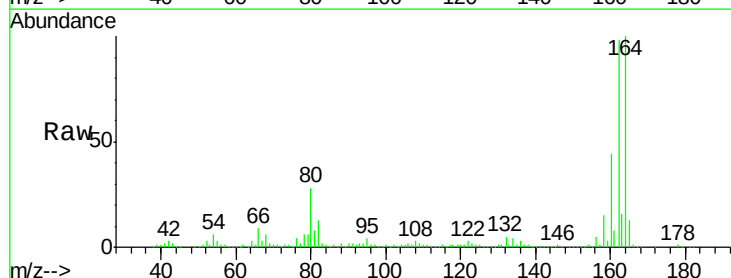
Tgt Ion: 164 Resp: 258977

Ion Ratio Lower Upper

164 100

162 97.6 81.4 122.2

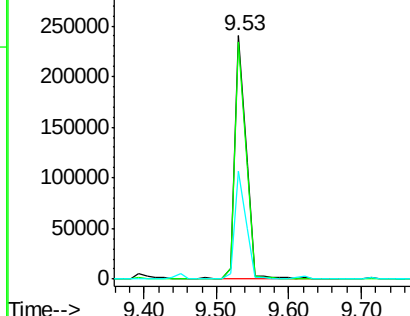
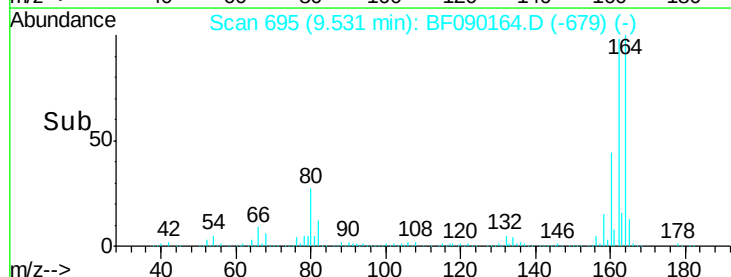
160 44.3 36.6 54.8

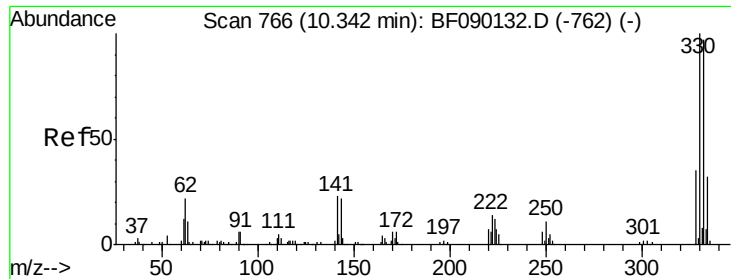


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

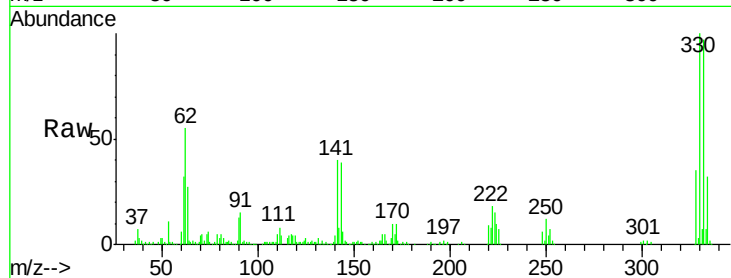




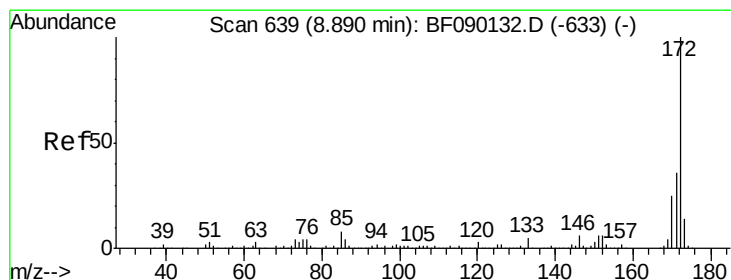
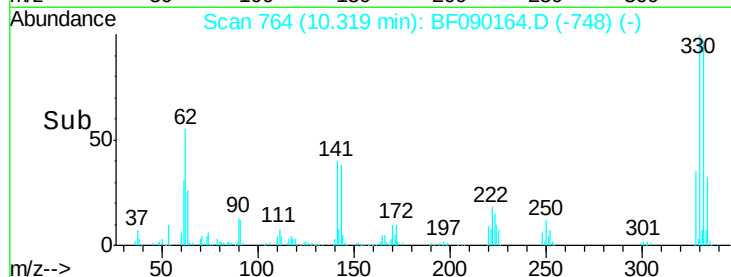
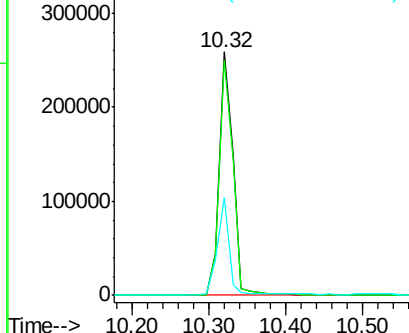
#41
 2,4,6-Tribromophenol
 Concen: 147.50 ng
 RT: 10.32 min Scan# 764
 Delta R.T. -0.02 min
 Lab File: BF090164.D
 Acq: 21 Sep 2016 16:55

Instrument :
 BNA_F
 ClientSampleId :
 PZ-6

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	78.1	117.1
141	33.3	23.9	35.9

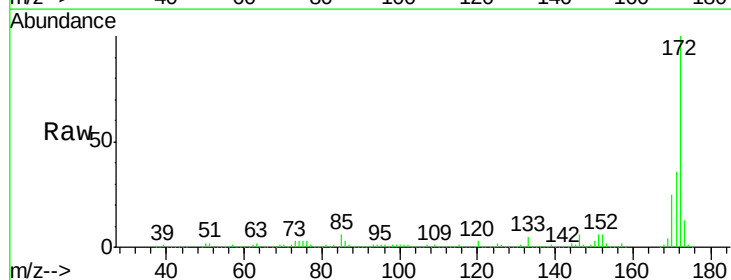


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

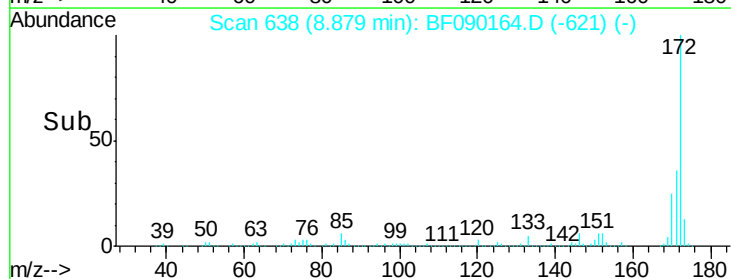
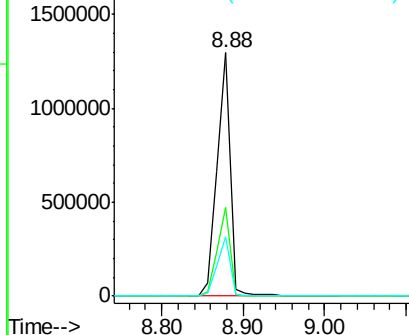


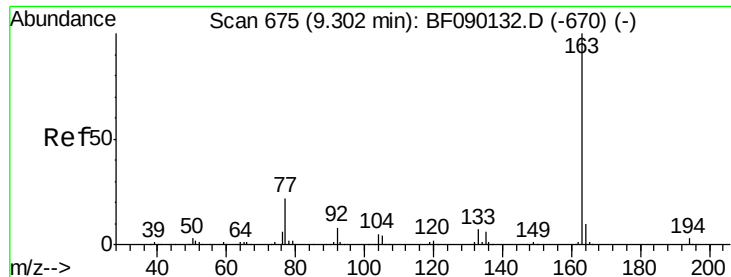
#44
 2-Fluorobiphenyl
 Concen: 110.64 ng
 RT: 8.88 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: BF090164.D
 Acq: 21 Sep 2016 16:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.2	43.8
170	24.5	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

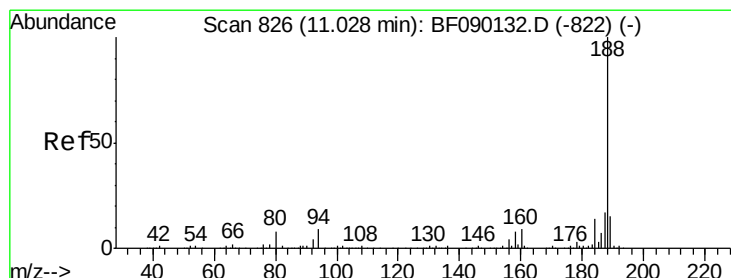
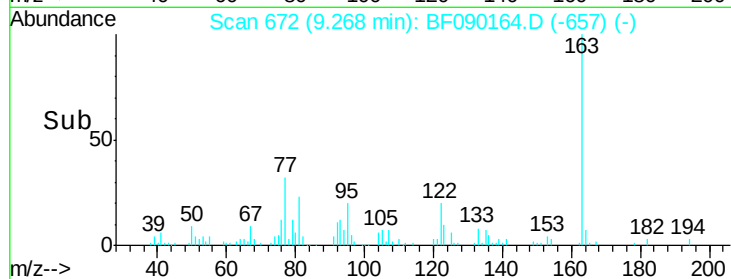
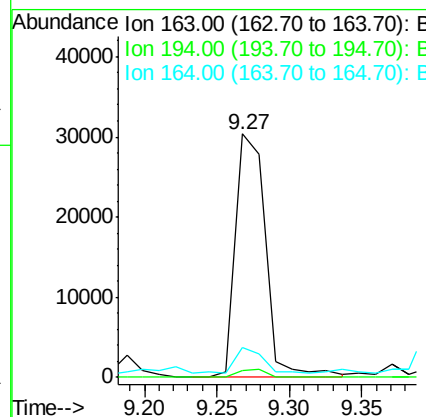
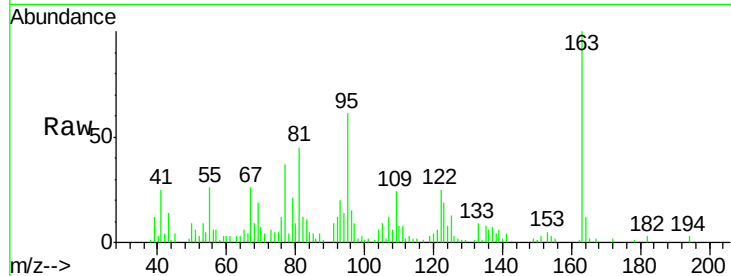




#49
Dimethylphthalate
Concen: 2.65 ng
RT: 9.27 min Scan# 672
Delta R.T. -0.03 min
Lab File: BF090164.D
Acq: 21 Sep 2016 16:55

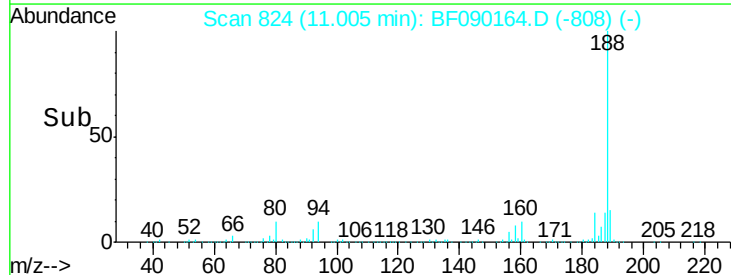
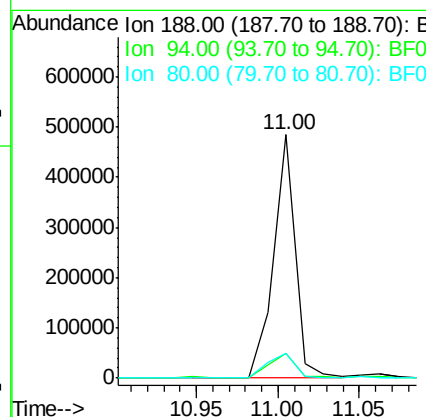
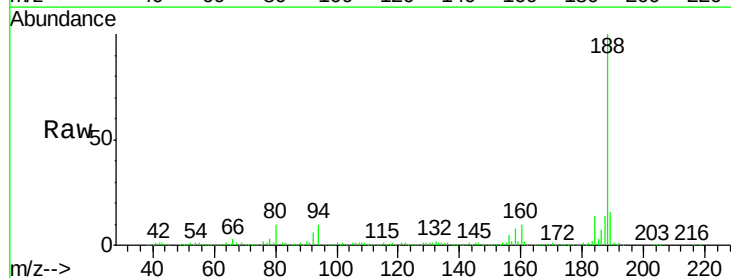
Instrument :
BNA_F
ClientSampleId :
PZ-6

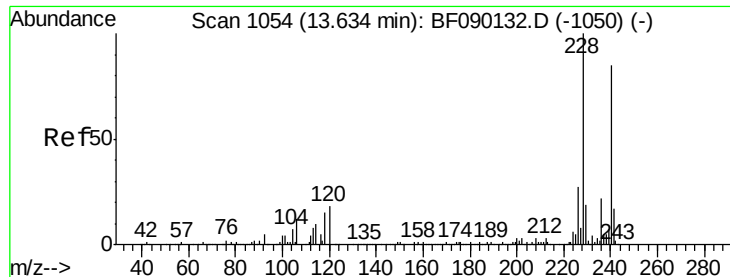
Tgt Ion:163 Resp: 43736
Ion Ratio Lower Upper
163 100
194 2.7 2.8 4.2#
164 12.2 8.1 12.1#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.00 min Scan# 824
Delta R.T. -0.02 min
Lab File: BF090164.D
Acq: 21 Sep 2016 16:55

Tgt Ion:188 Resp: 451804
Ion Ratio Lower Upper
188 100
94 10.4 10.5 15.7#
80 10.3 11.2 16.8#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.61 min Scan# 1052

Delta R.T. -0.02 min

Lab File: BF090164.D

Acq: 21 Sep 2016 16:55

Instrument :

BNA_F

ClientSampleId :

PZ-6

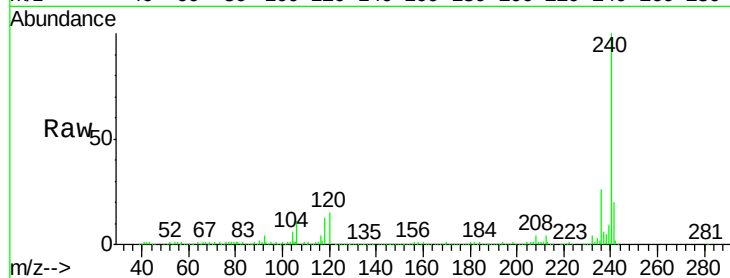
Tgt Ion:240 Resp: 322389

Ion Ratio Lower Upper

240 100

120 15.3 10.6 16.0

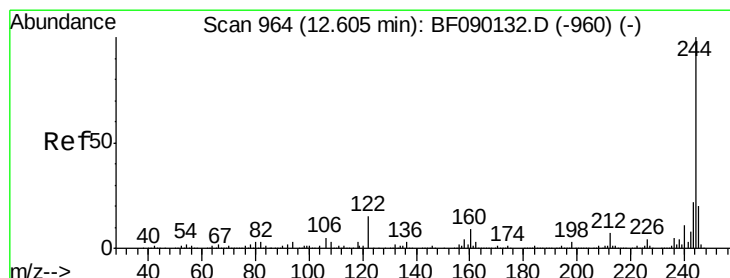
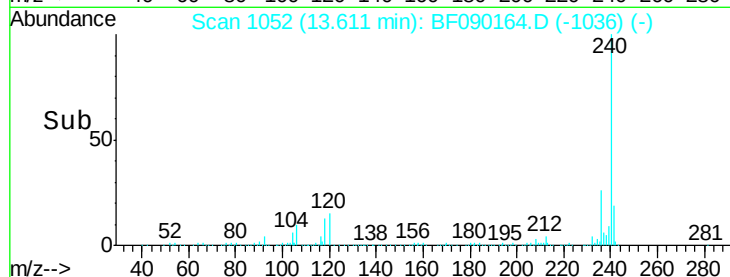
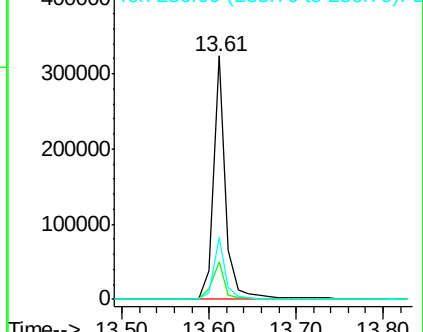
236 25.6 21.6 32.4



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: 99.80 ng

RT: 12.59 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF090164.D

Acq: 21 Sep 2016 16:55

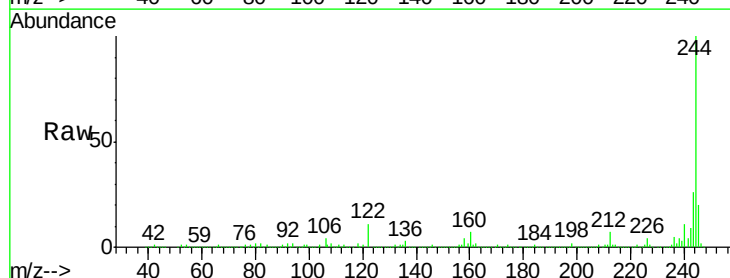
Tgt Ion:244 Resp: 1267323

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

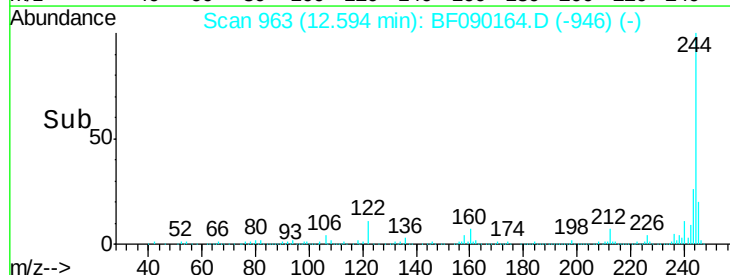
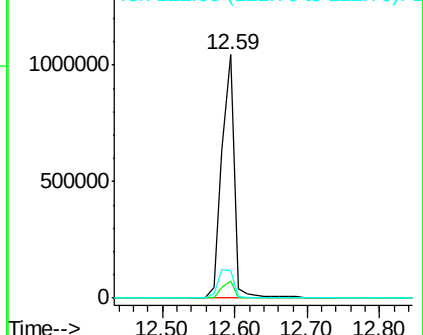
122 11.4 9.4 14.0

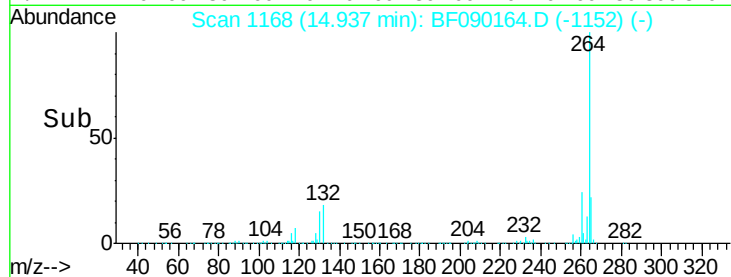
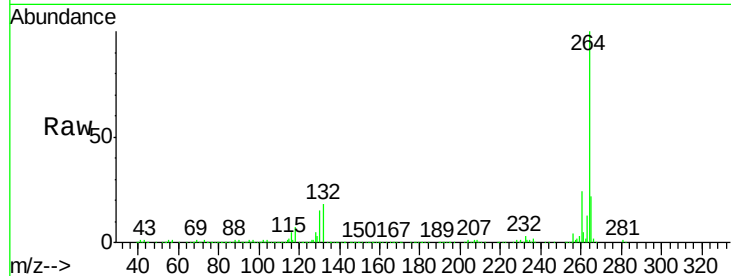
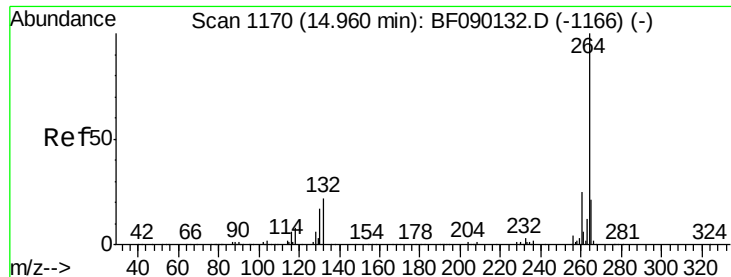


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Perylene-d12

Concen: 20.00 ng

RT: 14.94 min Scan# 1168

Delta R.T. -0.02 min

Lab File: BF090164.D

Acq: 21 Sep 2016 16:55

Instrument :

BNA_F

ClientSampleId :

PZ-6

Tgt Ion: 264 Resp: 262137

Ion Ratio Lower Upper

264 100

260 24.4 19.5 29.3

265 21.5 17.0 25.4

