

Data Path : Z:\HPCHEM1\BNA F\Data\BF102016\
 Data File : BF090689.D
 Acq On : 20 Oct 2016 18:26
 Operator : UM/SJ
 Sample : H5343-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RMAB-SB01-13.5-14.0

Quant Time: Oct 21 08:50:48 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 17 19:19:58 2016
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

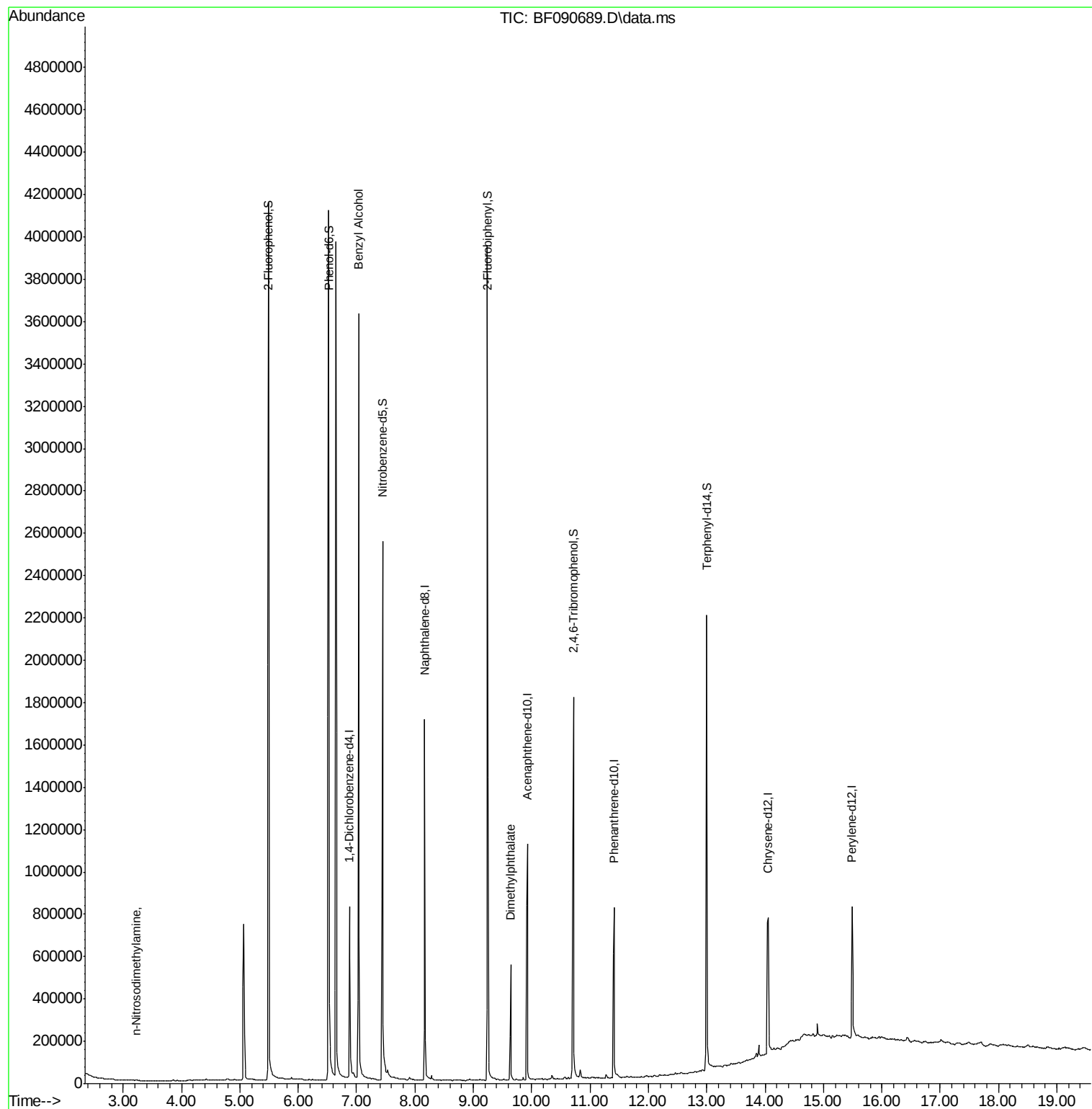
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.874	152	166020	20.00	ng	-0.03
21) Naphthalene-d8	8.166	136	728596	20.00	ng	-0.03
38) Acenaphthene-d10	9.926	164	308727	20.00	ng	-0.03
63) Phenanthrene-d10	11.412	188	396382	20.00	ng	-0.03
75) Chrysene-d12	14.052	240	335399	20.00	ng	-0.03
86) Perylene-d12	15.492	264	272062	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.491	112	1271609	140.42	ng	-0.02
7) Phenol-d6	6.520	99	1632926	121.35	ng	-0.02
23) Nitrobenzene-d5	7.446	82	1018704	77.67	ng	-0.03
41) 2,4,6-Tribromophenol	10.715	330	253530	92.11	ng	-0.03
44) 2-Fluorobiphenyl	9.240	172	1312721	70.06	ng	-0.03
78) Terphenyl-d14	13.001	244	975260	67.70	ng	-0.03
Target Compounds						
4) n-Nitrosodimethylamine	3.228	42	347	7.24	ng	Qvalue # 1
15) Benzyl Alcohol	7.034	79	19091	2.08	ng	# 52
49) Dimethylphthalate	9.640	163	237071	11.84	ng	98

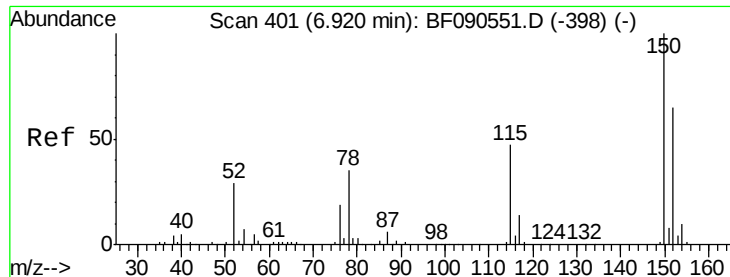
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.874 min Scan# 39

Delta R.T. -0.035 min

Lab File: BF090689.D

Acq: 20 Oct 2016 18:26

Instrument :

BNA_F

ClientSampleId :

RMAB-SB01-13.5-14.0

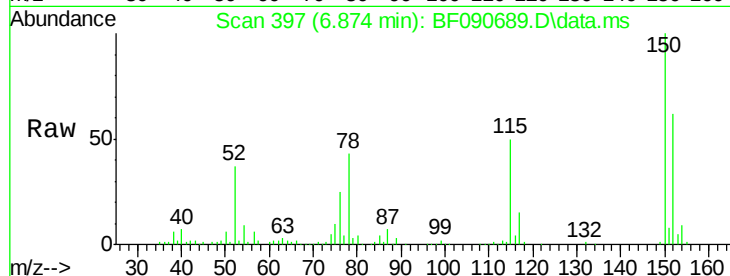
Tot Ion:152 Resp: 166020

Ion Ratio Lower Upper

152 100

150 162.4 127.2 190.8

115 81.6 58.6 88.0



Abundance

800000

600000

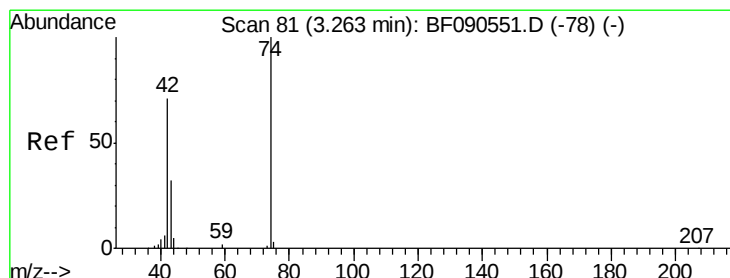
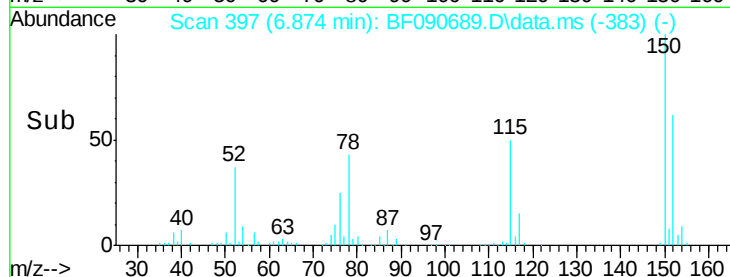
400000

200000

0

6.874

Time-->



#4

n-Nitrosodimethylamine

Concen: 7.24 ng

RT: 3.228 min Scan# 78

Delta R.T. -0.000 min

Lab File: BF090689.D

Acq: 20 Oct 2016 18:26

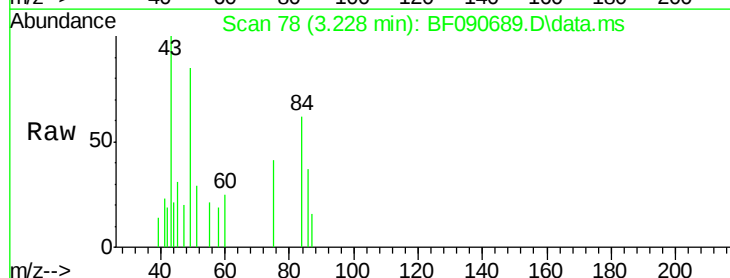
Tgt Ion: 42 Resp: 347

Ion Ratio Lower Upper

42 100

74 0.0 113.3 169.9#

44 109.0 6.0 9.0#



Abundance

600

500

400

300

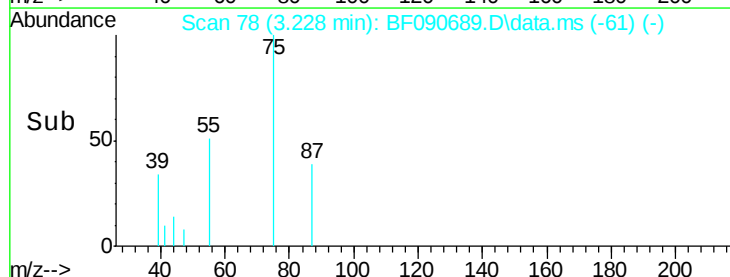
200

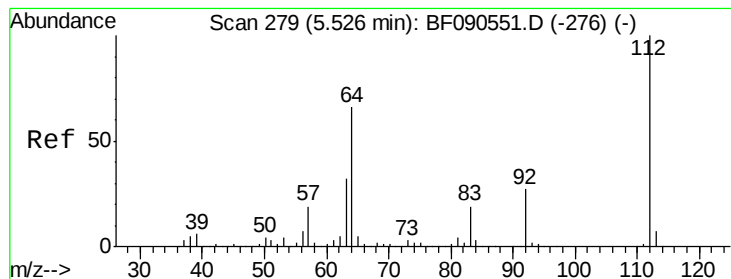
100

0

3.228

Time-->

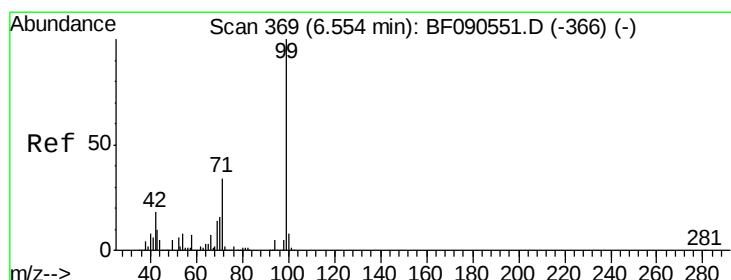
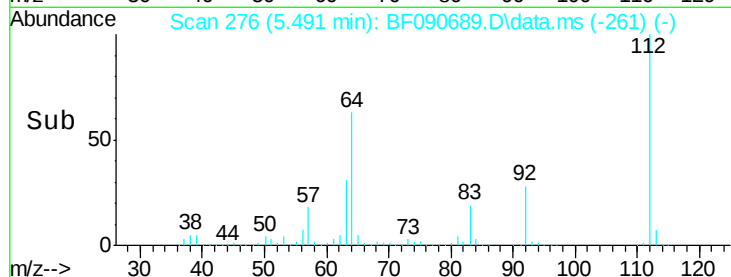
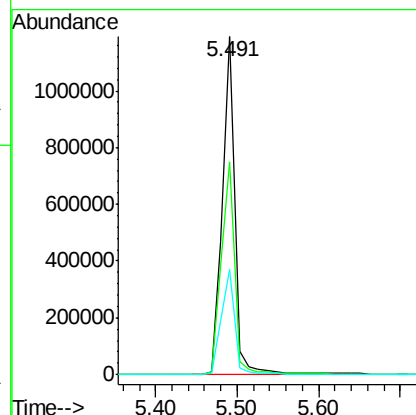
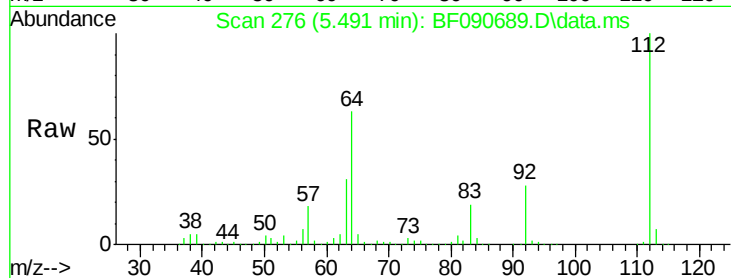




#5
2-Fluorophenol
Concen: 140.42 ng
RT: 5.491 min Scan# 27
Delta R.T. -0.023 min
Lab File: BF090689.D
Acq: 20 Oct 2016 18:26

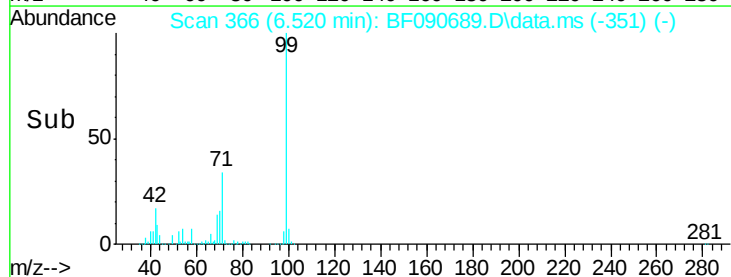
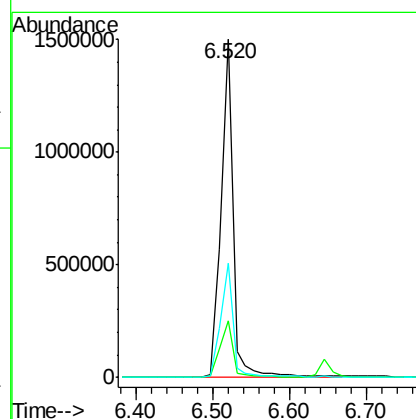
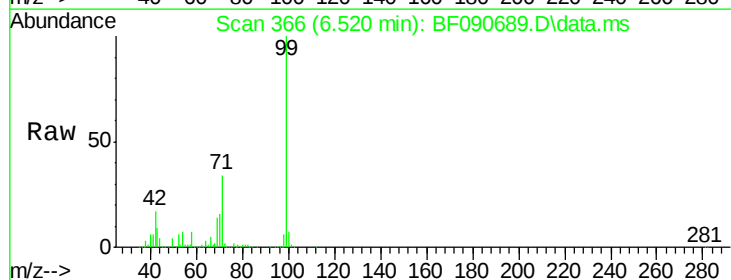
Instrument :
BNA_F
ClientSampleId :
RMAB-SB01-13.5-14.0

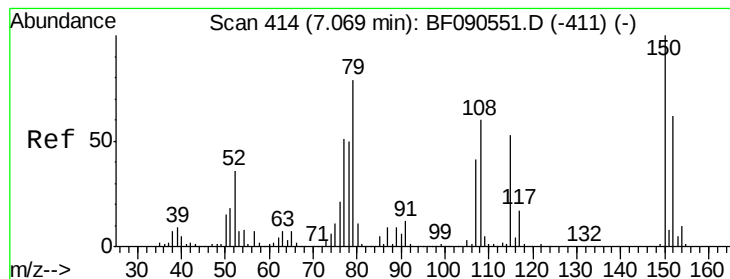
Tot Ion:112 Resp: 1271609
Ion Ratio Lower Upper
112 100
64 62.9 52.6 78.8
63 31.1 26.0 39.0



#7
Phenol-d6
Concen: 121.35 ng
RT: 6.520 min Scan# 366
Delta R.T. -0.023 min
Lab File: BF090689.D
Acq: 20 Oct 2016 18:26

Tgt Ion: 99 Resp: 1632926
Ion Ratio Lower Upper
99 100
42 16.7 14.7 22.1
71 33.6 27.6 41.4





#15

Benzyl Alcohol

Concen: 2.08 ng

RT: 7.034 min Scan# 41

Delta R.T. -0.023 min

Lab File: BF090689.D

Acq: 20 Oct 2016 18:26

Instrument :

BNA_F

ClientSampleId :

RMAB-SB01-13.5-14.0

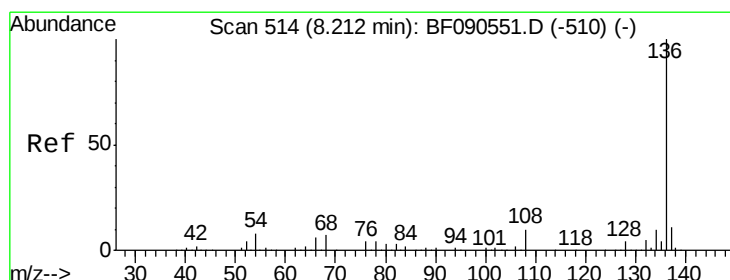
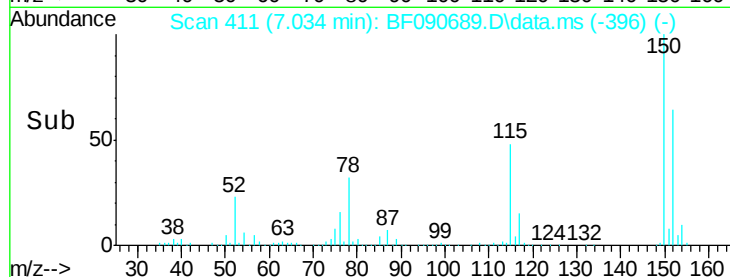
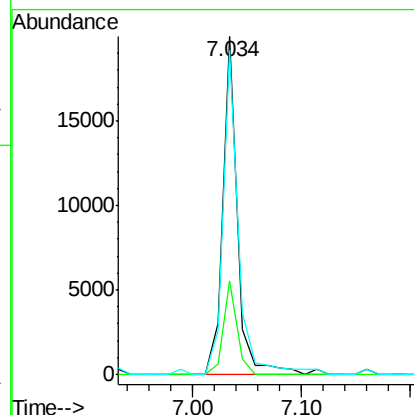
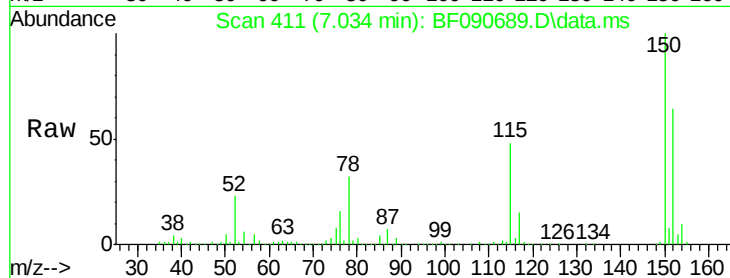
Tot Ion: 79 Resp: 19091

Ion Ratio Lower Upper

79 100

108 27.8 60.2 90.4#

77 96.0 52.0 78.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.166 min Scan# 510

Delta R.T. -0.035 min

Lab File: BF090689.D

Acq: 20 Oct 2016 18:26

Tgt Ion: 136 Resp: 728596

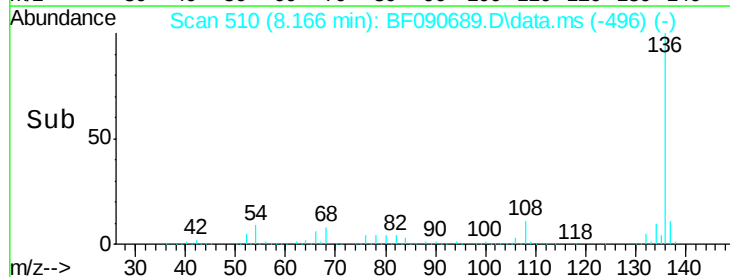
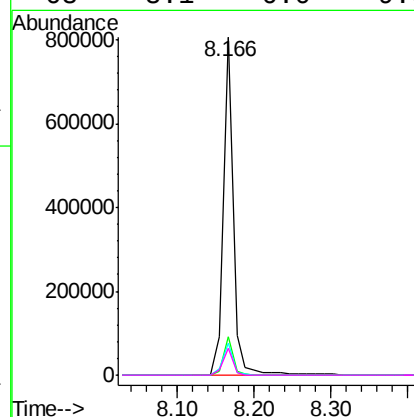
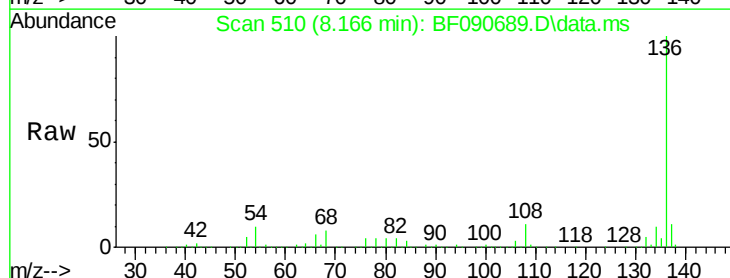
Ion Ratio Lower Upper

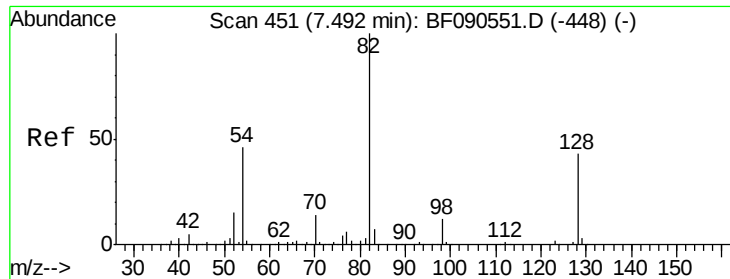
136 100

137 11.4 8.8 13.2

54 9.5 6.8 10.2

68 8.1 6.0 9.0





#23

Nitrobenzene-d5

Concen: 77.67 ng

RT: 7.446 min Scan# 44

Delta R.T. -0.035 min

Lab File: BF090689.D

Acq: 20 Oct 2016 18:26

Instrument :

BNA_F

ClientSampleId :

RMAB-SB01-13.5-14.0

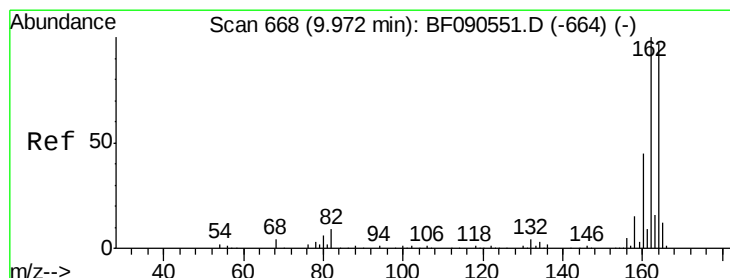
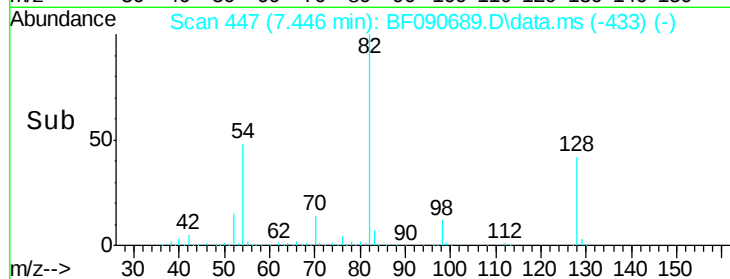
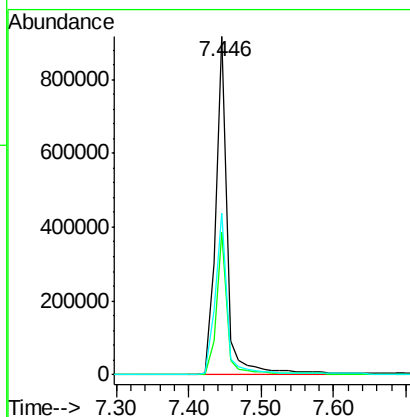
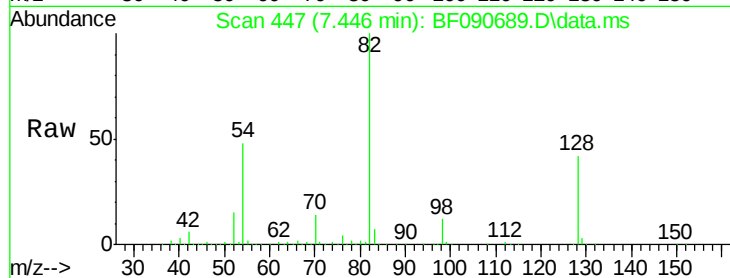
Tot Ion: 82 Resp: 1018704

Ion Ratio Lower Upper

82 100

128 42.2 34.3 51.5

54 47.7 37.0 55.6



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.926 min Scan# 664

Delta R.T. -0.035 min

Lab File: BF090689.D

Acq: 20 Oct 2016 18:26

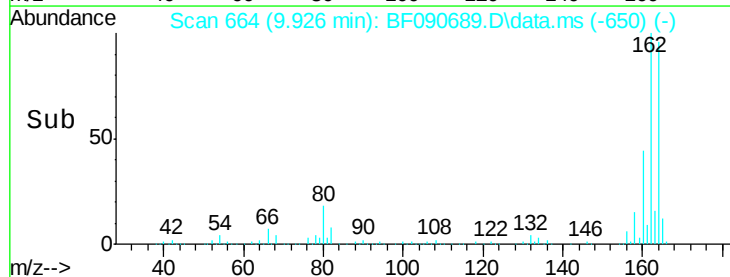
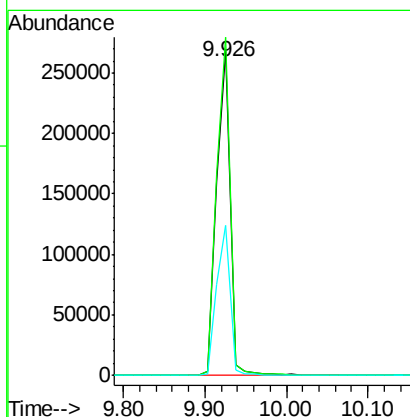
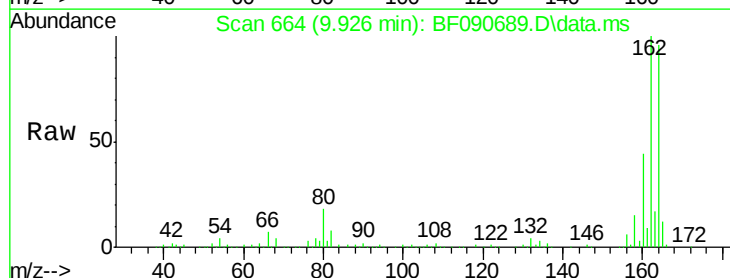
Tgt Ion:164 Resp: 308727

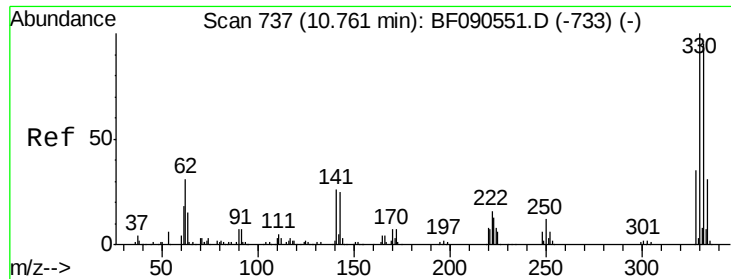
Ion Ratio Lower Upper

164 100

162 104.2 82.2 123.4

160 46.3 36.6 55.0

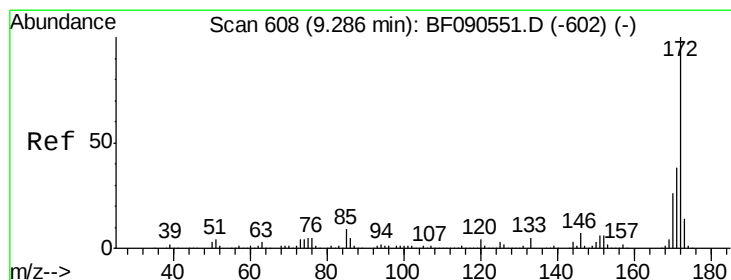
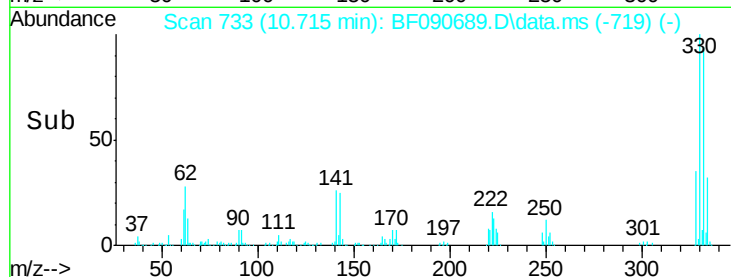
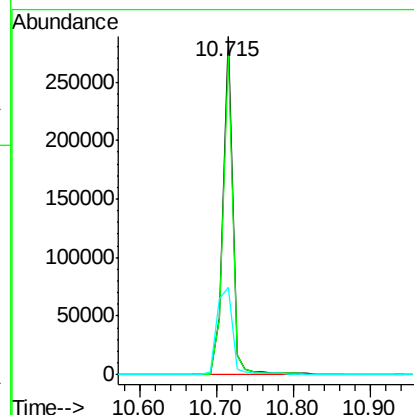
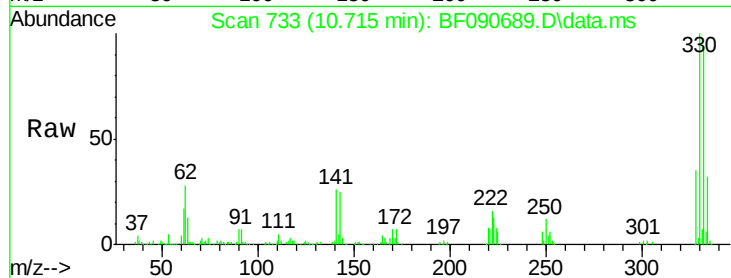




#41
 2,4,6-Tribromophenol
 Concen: 92.11 ng
 RT: 10.715 min Scan# 73
 Delta R.T. -0.035 min
 Lab File: BF090689.D
 Acq: 20 Oct 2016 18:26

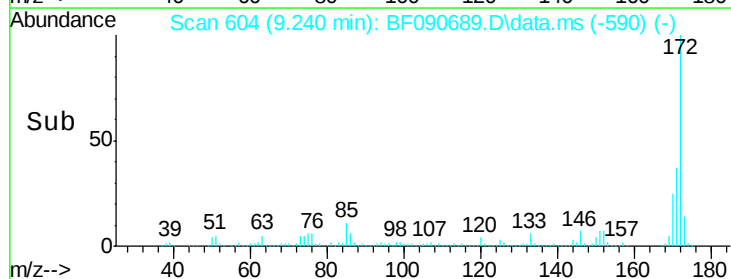
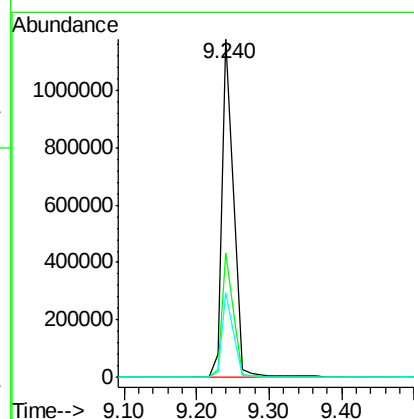
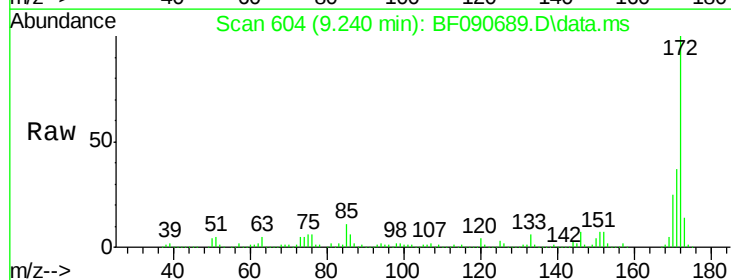
Instrument :
 BNA_F
 ClientSampleId :
 RMAB-SB01-13.5-14.0

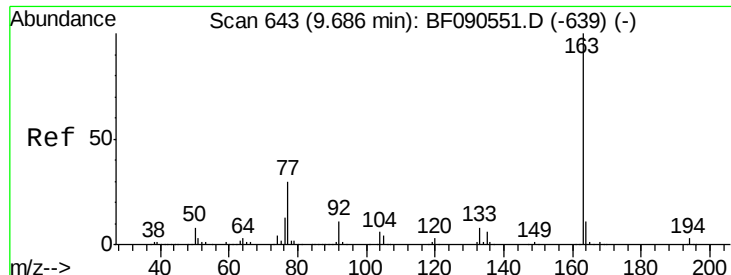
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.2	114.2
141	41.5	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 70.06 ng
 RT: 9.240 min Scan# 604
 Delta R.T. -0.035 min
 Lab File: BF090689.D
 Acq: 20 Oct 2016 18:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.1	45.1
170	25.0	20.6	30.8





#49

Dimethylphthalate

Concen: 11.84 ng

RT: 9.640 min Scan# 63

Delta R.T. -0.035 min

Lab File: BF090689.D

Acq: 20 Oct 2016 18:26

Instrument :

BNA_F

ClientSampleId :

RMAB-SB01-13.5-14.0

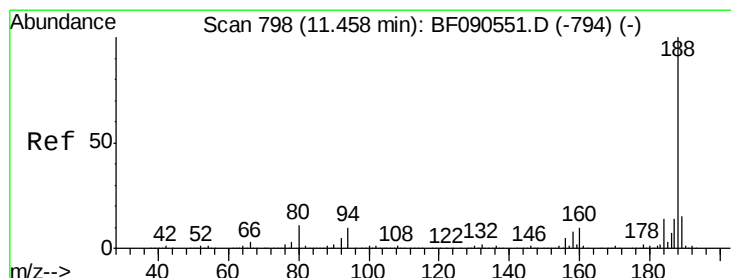
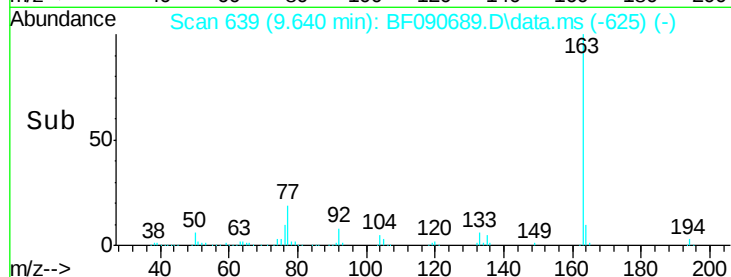
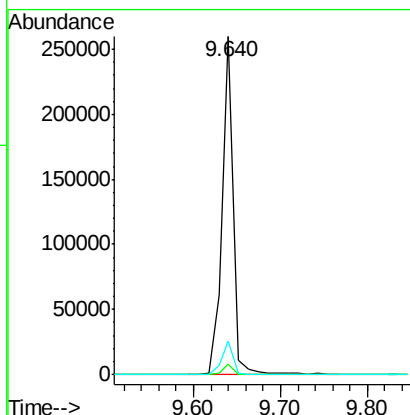
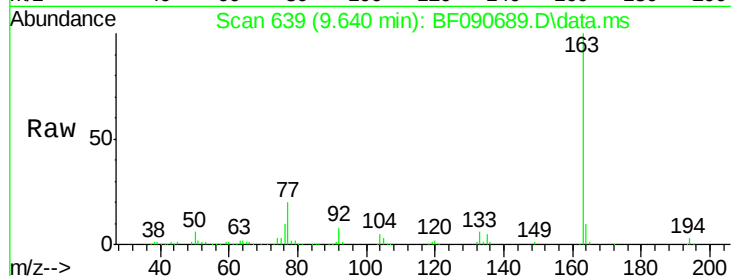
Tot Ion:163 Resp: 237071

Ion Ratio Lower Upper

163 100

194 3.2 2.3 3.5

164 9.9 8.6 13.0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.412 min Scan# 794

Delta R.T. -0.035 min

Lab File: BF090689.D

Acq: 20 Oct 2016 18:26

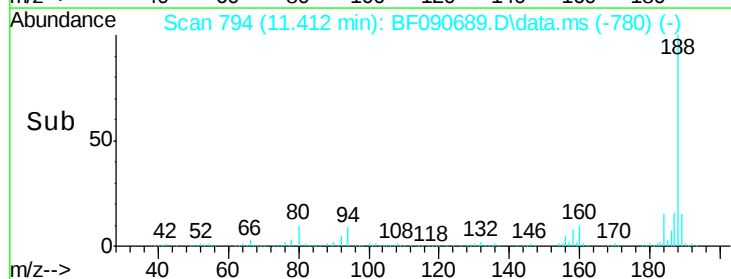
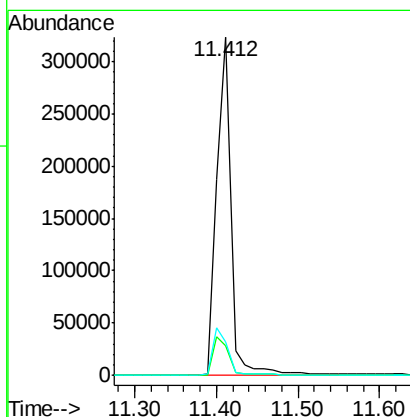
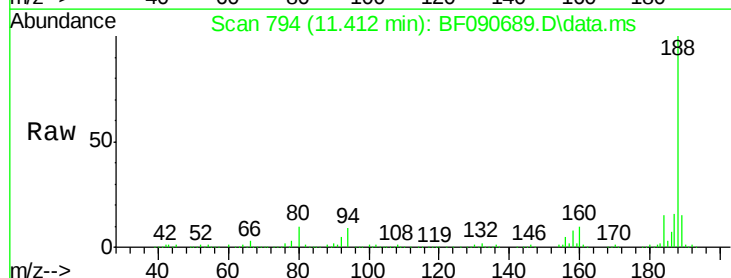
Tgt Ion:188 Resp: 396382

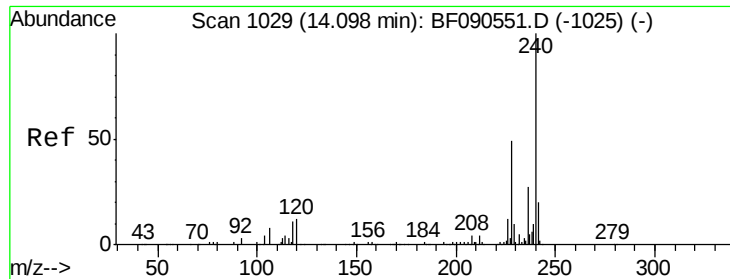
Ion Ratio Lower Upper

188 100

94 8.7 7.7 11.5

80 9.7 8.6 12.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.052 min Scan# 10

Delta R.T. -0.035 min

Lab File: BF090689.D

Acq: 20 Oct 2016 18:26

Instrument :

BNA_F

ClientSampleId :

RMAB-SB01-13.5-14.0

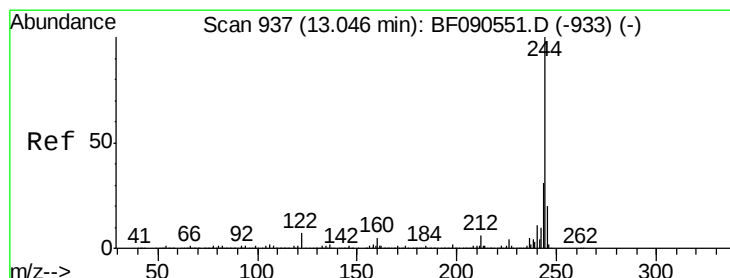
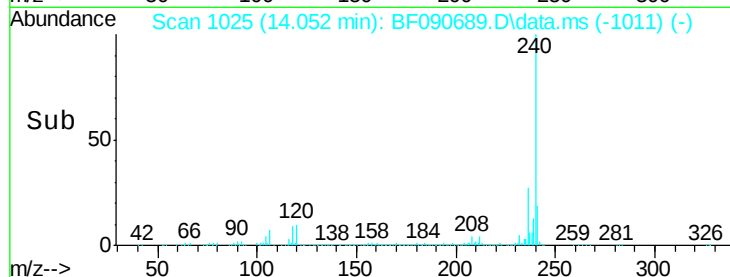
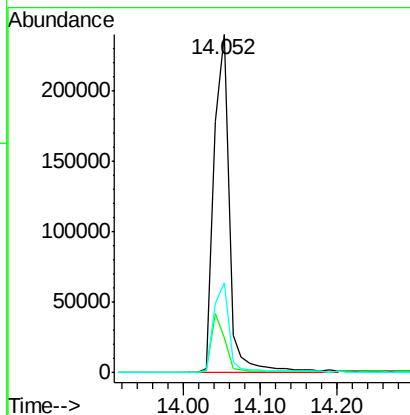
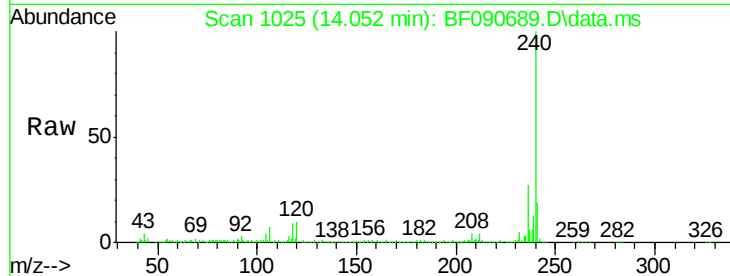
Tot Ion:240 Resp: 335399

Ion Ratio Lower Upper

240 100

120 10.1 9.8 14.8

236 26.7 21.7 32.5



#78

Terphenyl-d14

Concen: 67.70 ng

RT: 13.001 min Scan# 933

Delta R.T. -0.035 min

Lab File: BF090689.D

Acq: 20 Oct 2016 18:26

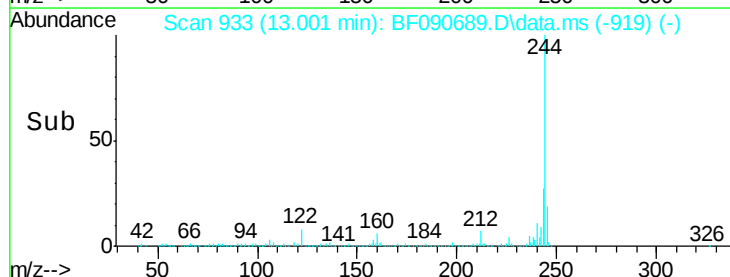
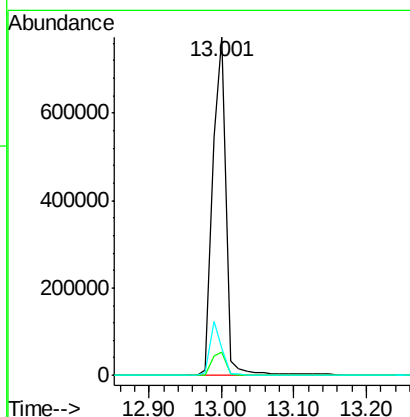
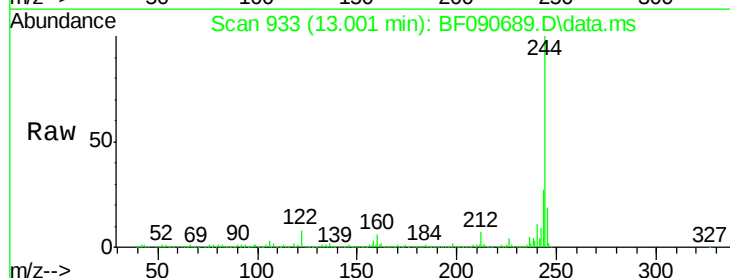
Tgt Ion:244 Resp: 975260

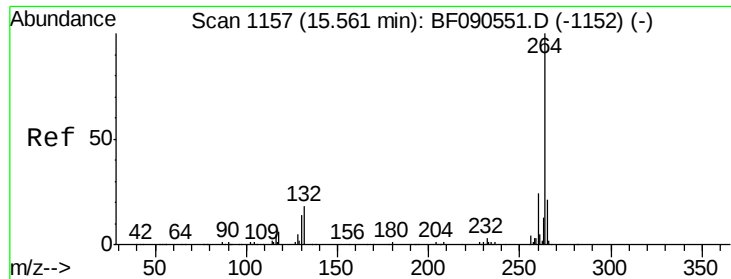
Ion Ratio Lower Upper

244 100

212 6.8 5.0 7.4

122 7.9 5.6 8.4





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.492 min Scan# 11
Delta R.T. -0.046 min
Lab File: BF090689.D
Acq: 20 Oct 2016 18:26

Instrument :
BNA_F
ClientSampleId :
RMAB-SB01-13.5-14.0

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.3	28.9
265	21.9	16.7	25.1

