

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070716\
 Data File : BG022883.D
 Acq On : 6 Jul 2016 19:25
 Operator : UM/SJ
 Sample : H3806-01 50X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LAR9944

Quant Time: Jul 07 02:31:36 2016
 Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG062516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 20:14:59 2016
 Response via : Initial Calibration

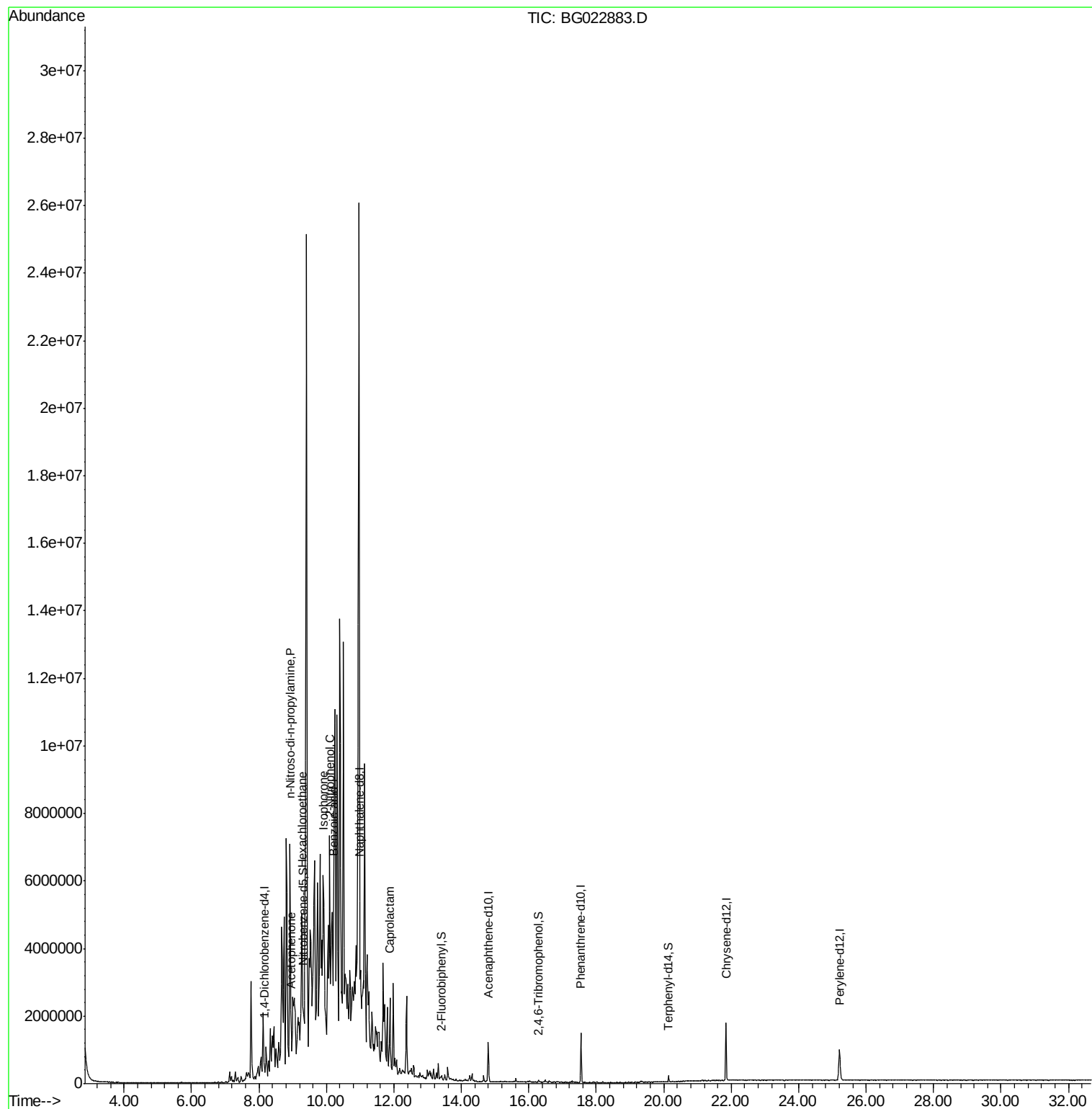
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	131473	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	580965	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	407462	20.00	ng	0.00
63) Phenanthrene-d10	17.54	188	946703	20.00	ng	0.00
75) Chrysene-d12	21.84	240	1113957	20.00	ng	0.00
86) Perylene-d12	25.21	264	1117334	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	11012	1.34	ng	0.00
7) Phenol-d6	7.31	99	21505	1.86	ng	0.01
23) Nitrobenzene-d5	9.31	82	190364	13.87	ng	-0.02
41) 2,4,6-Tribromophenol	16.29	330	14765	2.30	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	57022	2.22	ng	-0.01
78) Terphenyl-d14	20.14	244	89641	2.13	ng	-0.01
Target Compounds						Qvalue
18) Hexachloroethane	9.26	117	12936	3.02	ng	# 1
19) n-Nitroso-di-n-propylamine	8.92	70	242574	25.21	ng	# 44
22) Acetophenone	8.97	105	45644	2.72	ng	# 13
25) Isophorone	9.91	82	516961	19.40	ng	# 1
26) 2-Nitrophenol	10.09	139	50643	9.27	ng	# 46
32) Benzoic acid	10.20	122	32554	9.38	ng	# 33
35) Caprolactam	11.88	113	30491	9.52	ng	# 1

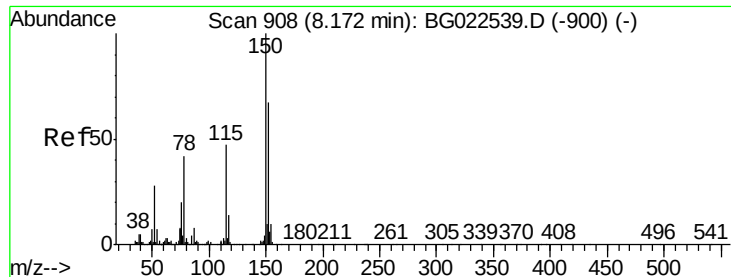
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 24 20:14:59 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG022883.D

Acq: 6 Jul 2016 19:25

Instrument :

BNA_G

ClientSampleId :

LAR9944

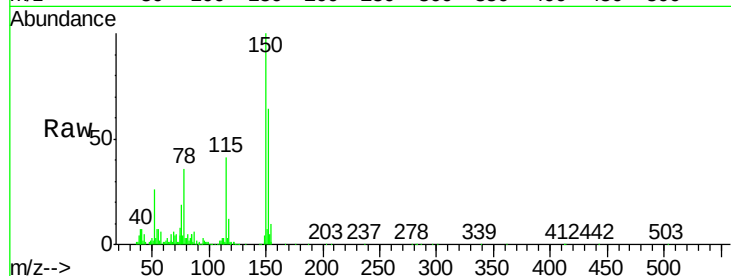
Tgt Ion:152 Resp: 131473

Ion Ratio Lower Upper

152 100

150 156.1 144.7 217.1

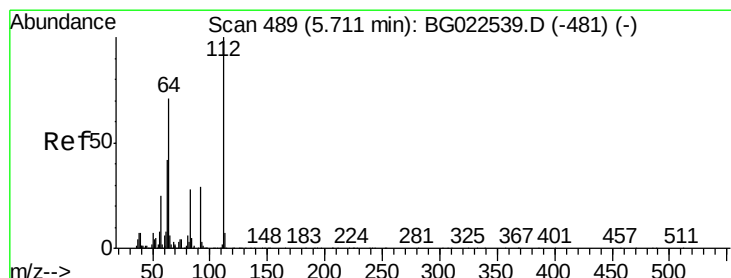
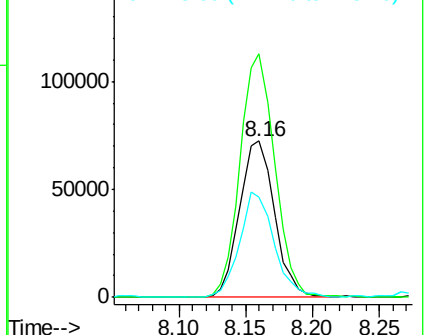
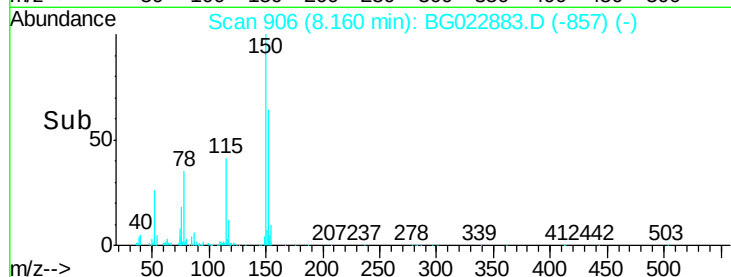
115 64.6 64.0 96.0



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: 1.34 ng

RT: 5.70 min Scan# 487

Delta R.T. -0.01 min

Lab File: BG022883.D

Acq: 6 Jul 2016 19:25

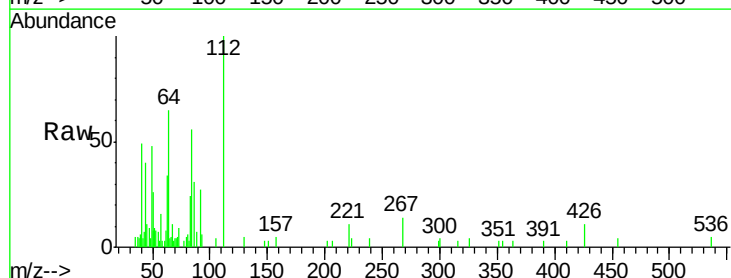
Tgt Ion:112 Resp: 11012

Ion Ratio Lower Upper

112 100

64 65.0 59.0 88.4

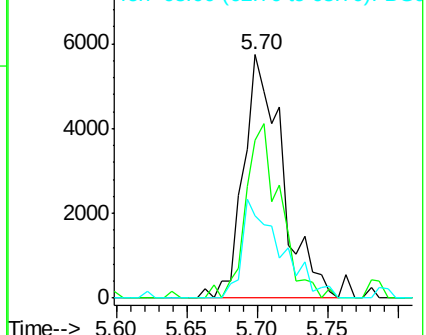
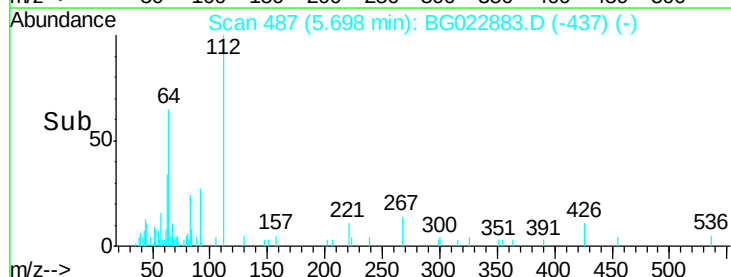
63 33.9 37.8 56.8#

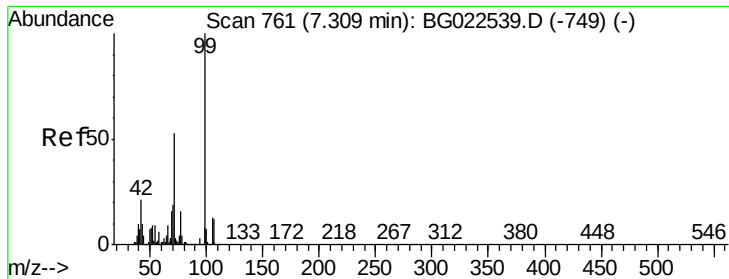


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 1.86 ng

RT: 7.31 min Scan# 762

Delta R.T. 0.01 min

Lab File: BG022883.D

Acq: 6 Jul 2016 19:25

Instrument :

BNA_G

ClientSampled :

LAR9944

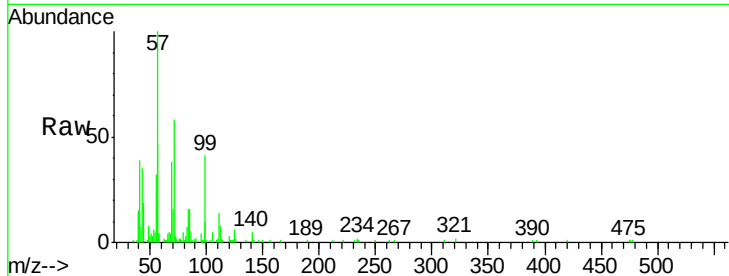
Tgt Ion: 99 Resp: 21505

Ion Ratio Lower Upper

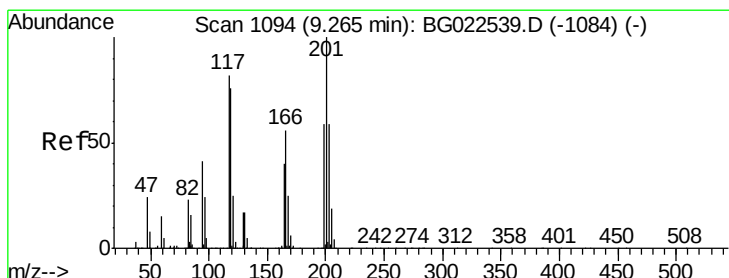
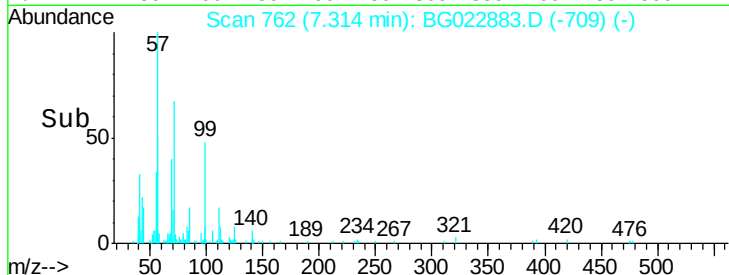
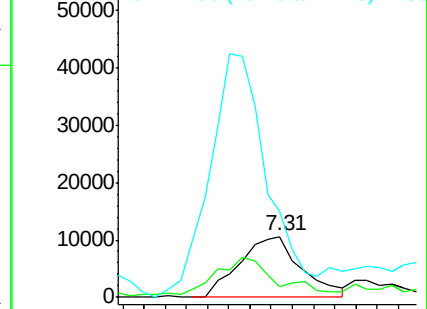
99 100

42 17.5 17.8 26.6#

71 142.2 41.5 62.3#



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#18

Hexachloroethane

Concen: 3.02 ng

RT: 9.26 min Scan# 1094

Delta R.T. -0.00 min

Lab File: BG022883.D

Acq: 6 Jul 2016 19:25

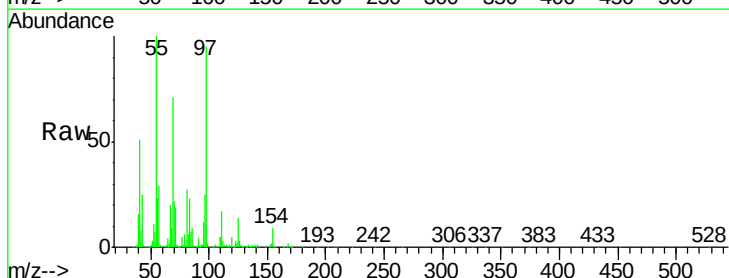
Tgt Ion: 117 Resp: 12936

Ion Ratio Lower Upper

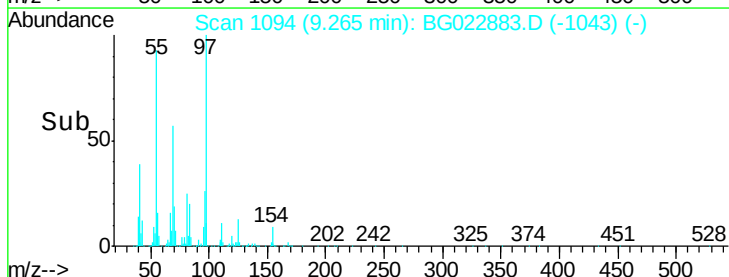
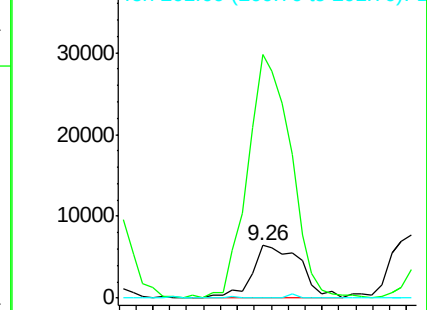
117 100

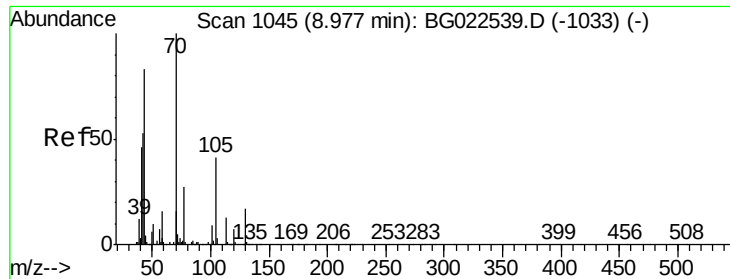
119 462.7 73.7 110.5#

201 0.0 88.7 133.1#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

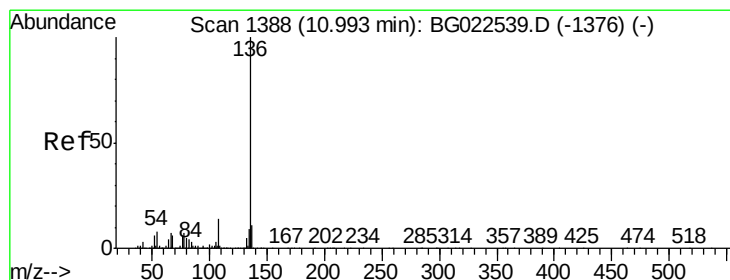
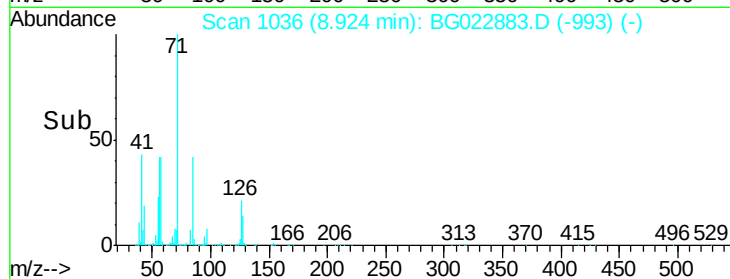
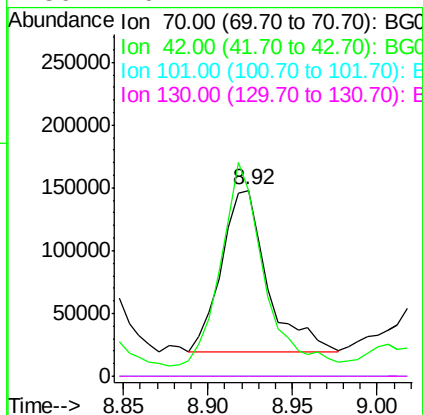
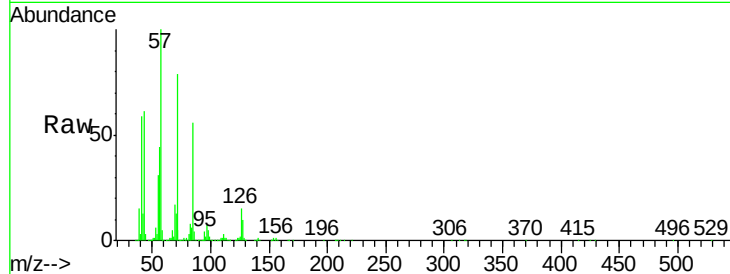




#19
n-Nitroso-di-n-propylamine
Concen: 25.21 ng
RT: 8.92 min Scan# 1036
Delta R.T. -0.05 min
Lab File: BG022883.D
Acq: 6 Jul 2016 19:25

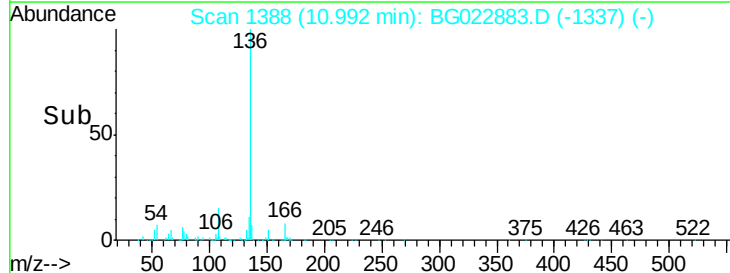
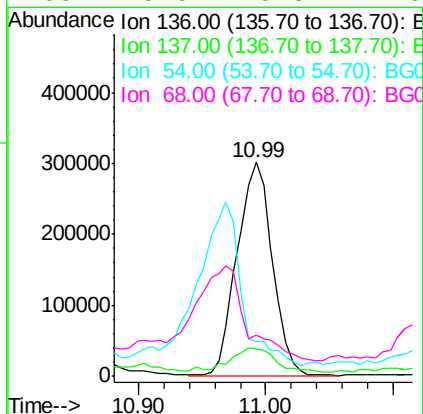
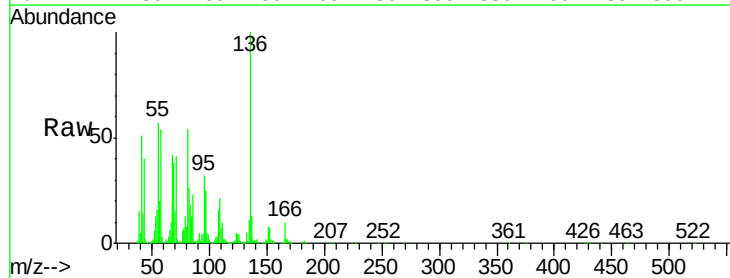
Instrument :
BNA_G
ClientSampled :
LAR9944

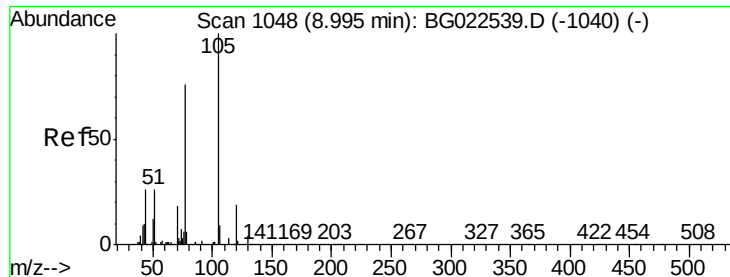
Tgt Ion:	70	Resp:	242574
Ion	Ratio	Lower	Upper
70	100		
42	100.1	42.1	63.1#
101	0.2	7.2	10.8#
130	0.1	14.2	21.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.99 min Scan# 1388
Delta R.T. -0.00 min
Lab File: BG022883.D
Acq: 6 Jul 2016 19:25

Tgt Ion:	136	Resp:	580965
Ion	Ratio	Lower	Upper
136	100		
137	12.7	9.6	14.4
54	16.2	7.3	10.9#
68	19.0	5.3	7.9#





#22

Acetophenone

Concen: 2.72 ng

RT: 8.97 min Scan# 1043

Delta R.T. -0.02 min

Lab File: BG022883.D

Acq: 6 Jul 2016 19:25

Instrument :

BNA_G

ClientSampleId :

LAR9944

Tgt Ion: 105 Resp: 45644

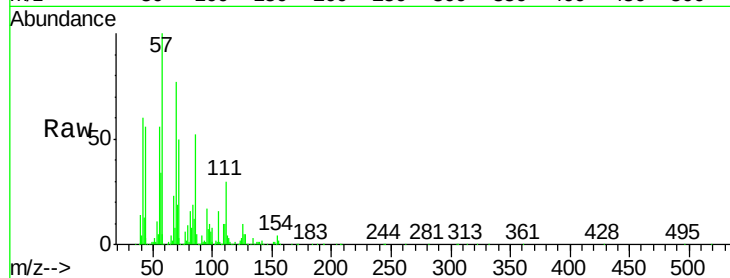
Ion Ratio Lower Upper

105 100

71 318.1 2.6 3.8#

51 16.5 27.1 40.7#

120 0.0 15.1 22.7#

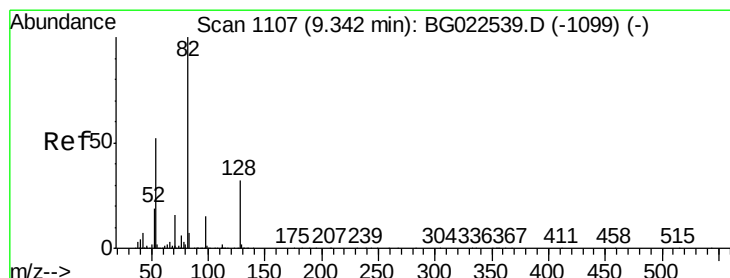
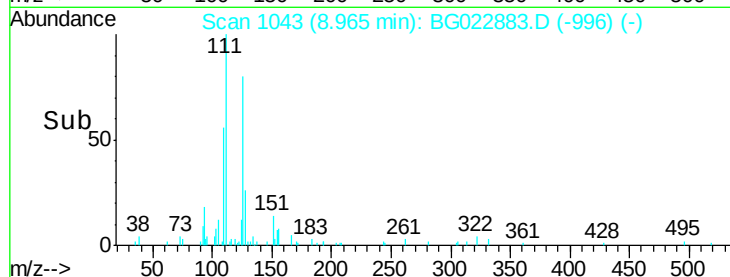
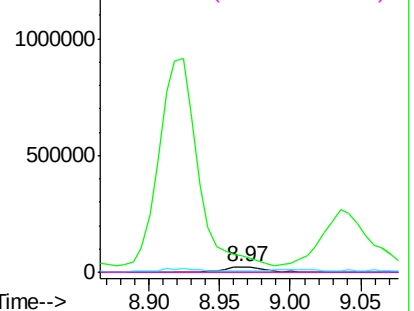


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 13.87 ng

RT: 9.31 min Scan# 1102

Delta R.T. -0.02 min

Lab File: BG022883.D

Acq: 6 Jul 2016 19:25

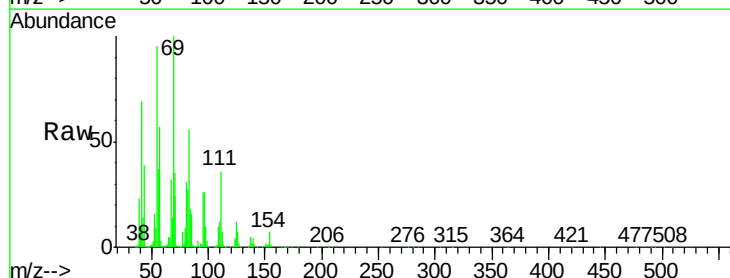
Tgt Ion: 82 Resp: 190364

Ion Ratio Lower Upper

82 100

128 1.8 24.4 36.6#

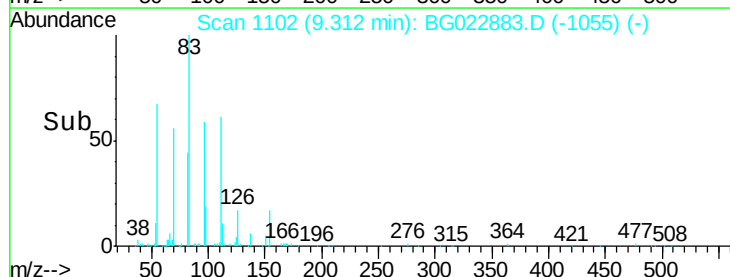
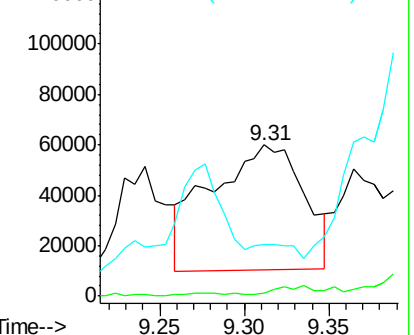
54 33.8 41.4 62.0#

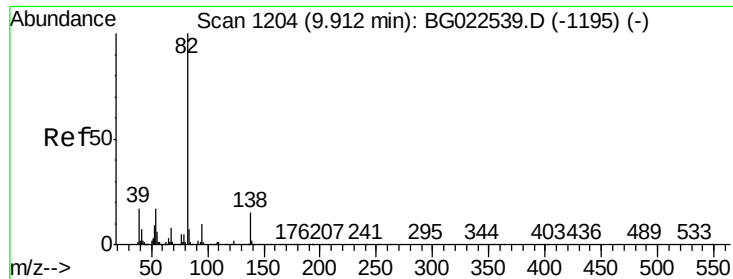


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#25

Isophorone

Concen: 19.40 ng

RT: 9.91 min Scan# 1203

Delta R.T. -0.00 min

Lab File: BG022883.D

Acq: 6 Jul 2016 19:25

Instrument :

BNA_G

ClientSampled :

LAR9944

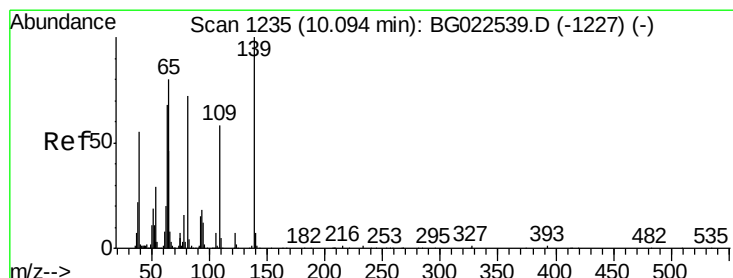
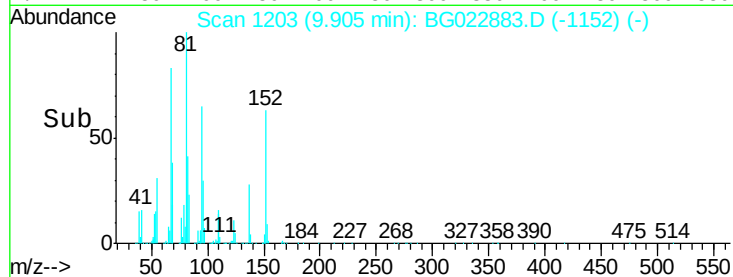
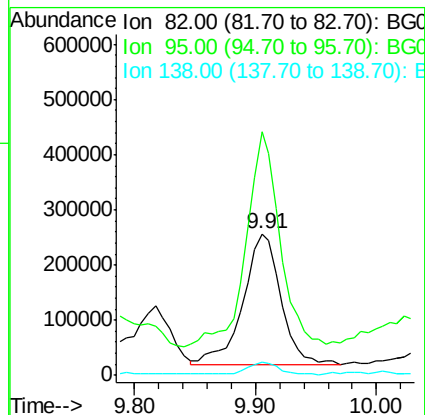
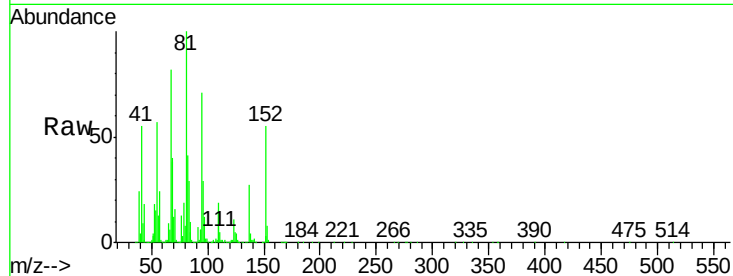
Tgt Ion: 82 Resp: 516961

Ion Ratio Lower Upper

82 100

95 172.0 8.2 12.2#

138 9.2 10.7 16.1#



#26

2-Nitrophenol

Concen: 9.27 ng

RT: 10.09 min Scan# 1234

Delta R.T. -0.00 min

Lab File: BG022883.D

Acq: 6 Jul 2016 19:25

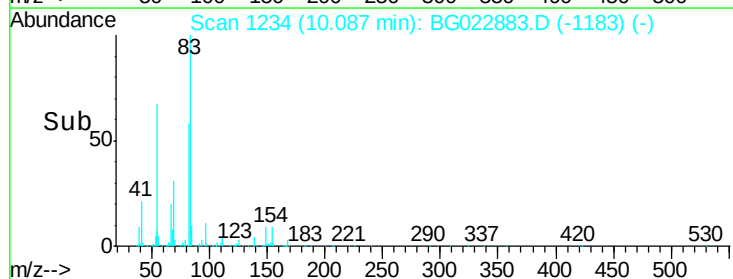
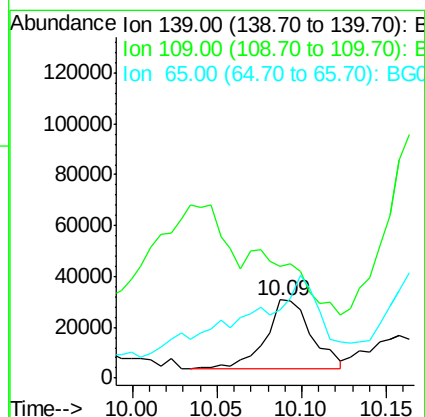
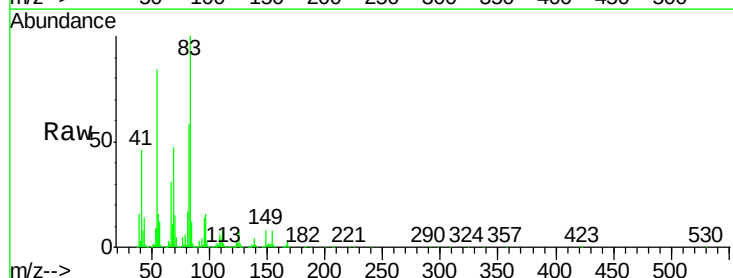
Tgt Ion: 139 Resp: 50643

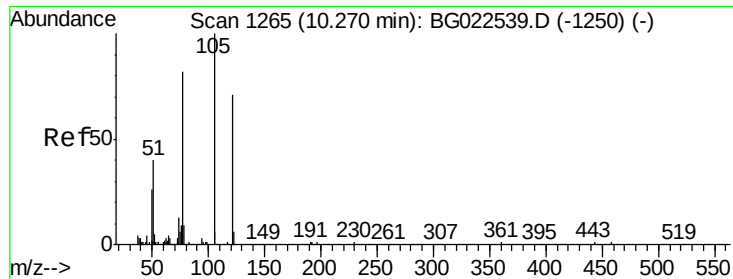
Ion Ratio Lower Upper

139 100

109 142.6 43.5 65.3#

65 86.7 64.3 96.5





#32

Benzoic acid

Concen: 9.38 ng

RT: 10.20 min Scan# 1254

Delta R.T. 0.00 min

Lab File: BG022883.D

Acq: 6 Jul 2016 19:25

Instrument :

BNA_G

ClientSampleId :

LAR9944

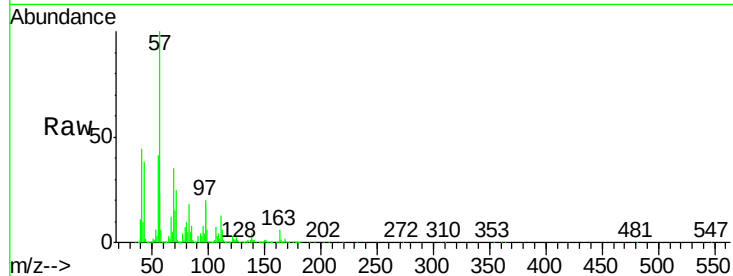
Tgt Ion:122 Resp: 32554

Ion Ratio Lower Upper

122 100

105 39.3 117.2 157.2#

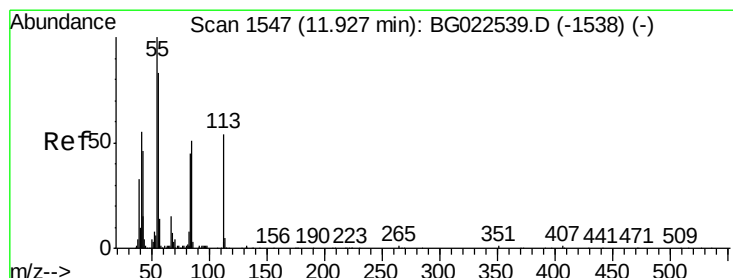
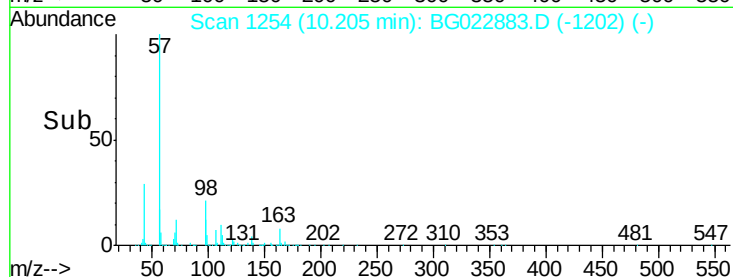
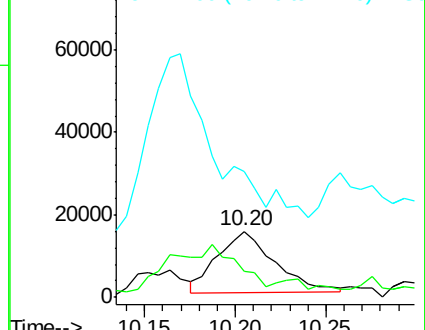
77 189.9 109.2 149.2#



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): BGC



#35

Caprolactam

Concen: 9.52 ng

RT: 11.88 min Scan# 1539

Delta R.T. -0.02 min

Lab File: BG022883.D

Acq: 6 Jul 2016 19:25

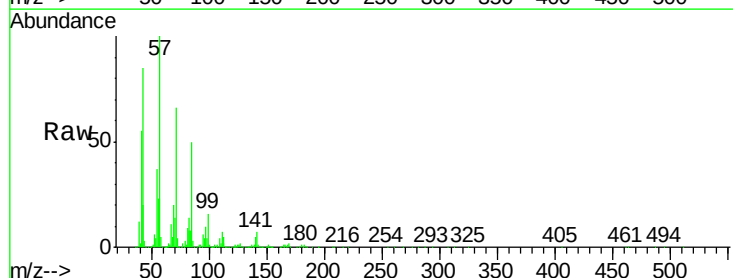
Tgt Ion:113 Resp: 30491

Ion Ratio Lower Upper

113 100

55 792.2 154.5 194.5#

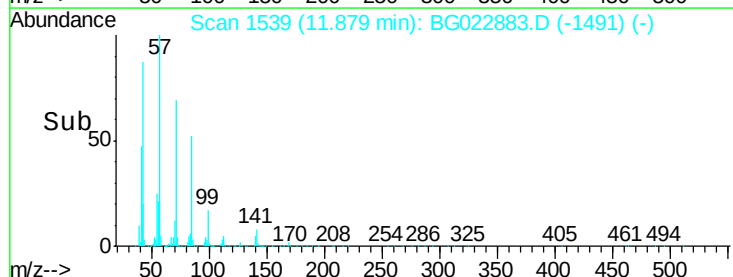
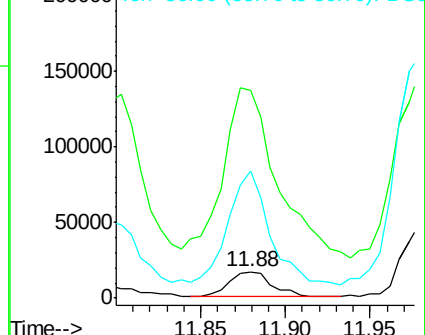
56 485.8 125.1 165.1#

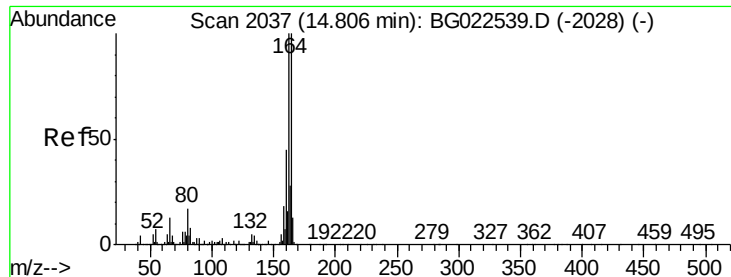


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.79 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BG022883.D

Acq: 6 Jul 2016 19:25

Instrument :

BNA_G

ClientSampleId :

LAR9944

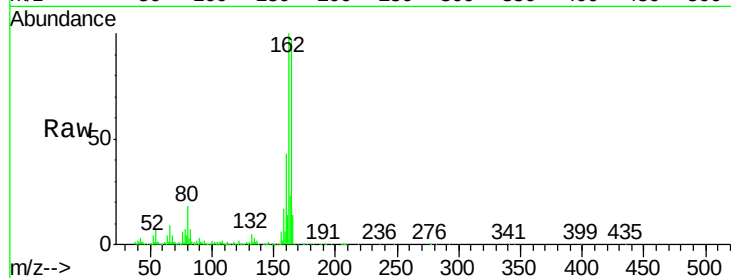
Tgt Ion:164 Resp: 407462

Ion Ratio Lower Upper

164 100

162 103.0 87.7 131.5

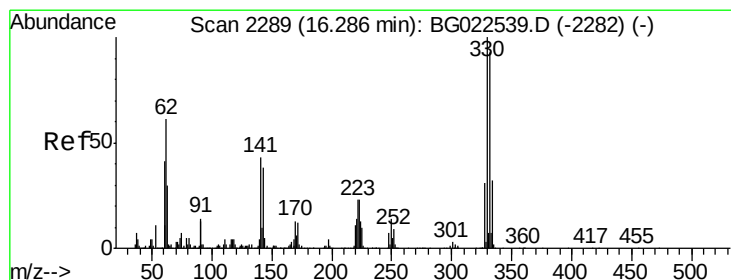
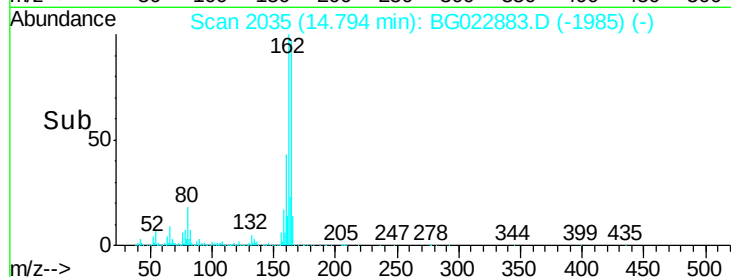
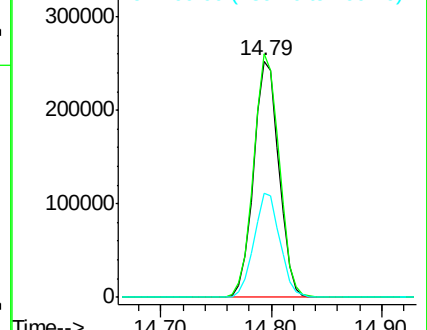
160 44.2 37.2 55.8



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: 2.30 ng

RT: 16.29 min Scan# 2289

Delta R.T. -0.00 min

Lab File: BG022883.D

Acq: 6 Jul 2016 19:25

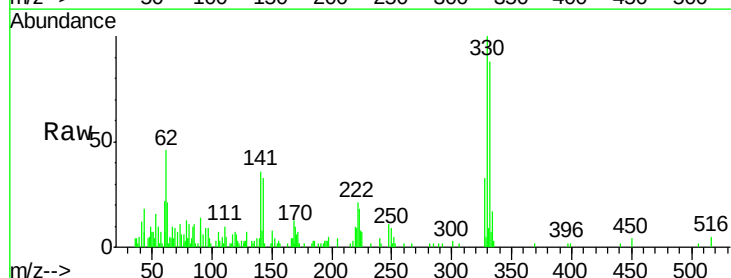
Tgt Ion:330 Resp: 14765

Ion Ratio Lower Upper

330 100

332 91.6 77.4 116.2

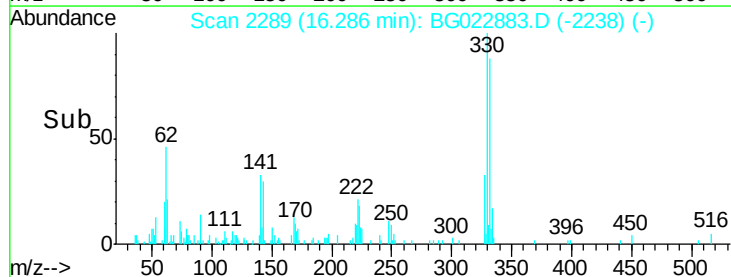
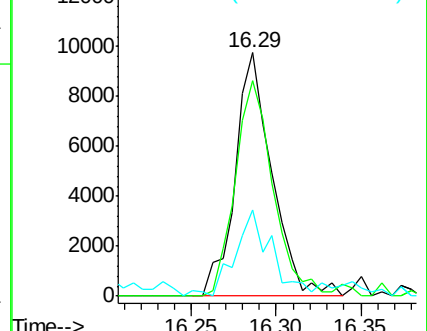
141 29.9 31.7 47.5#

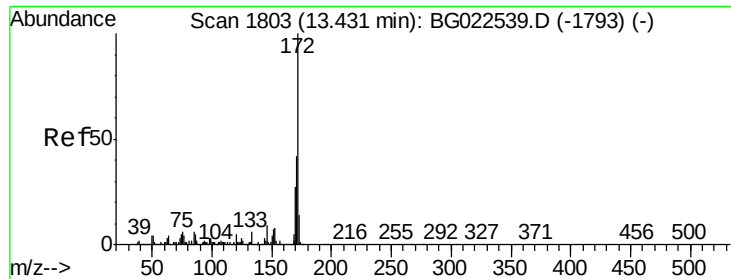


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

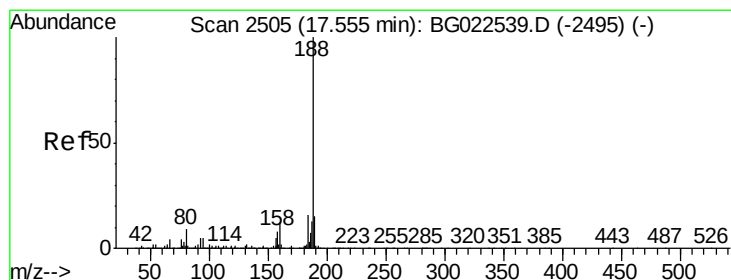
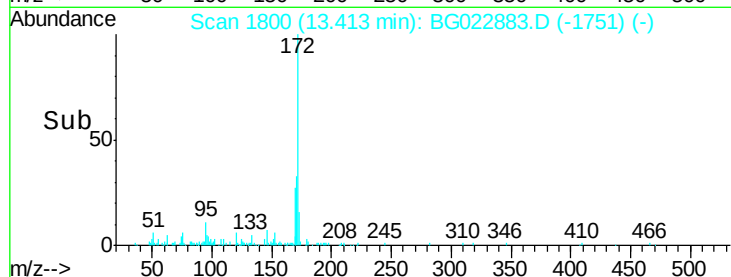
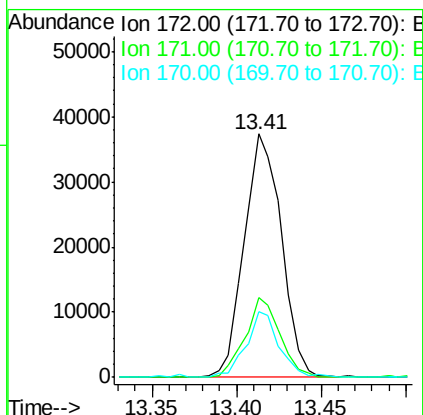
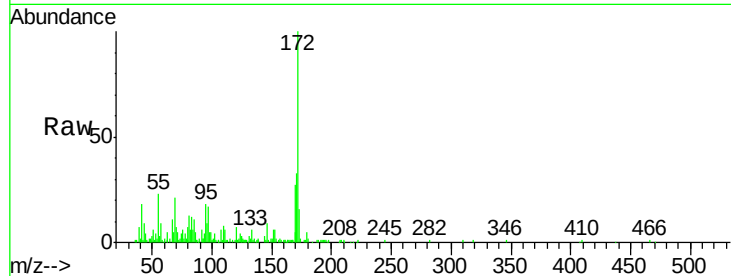




#44
 2-Fluorobiphenyl
 Concen: 2.22 ng
 RT: 13.41 min Scan# 1800
 Delta R.T. -0.01 min
 Lab File: BG022883.D
 Acq: 6 Jul 2016 19:25

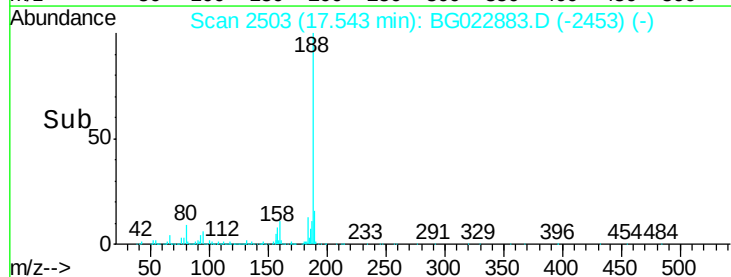
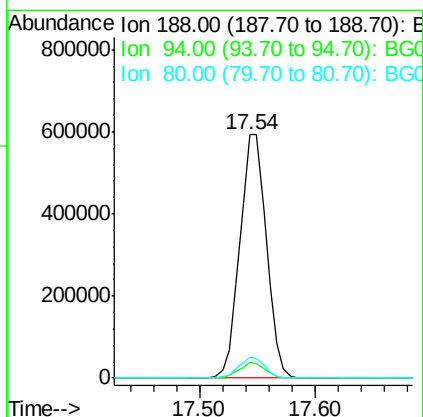
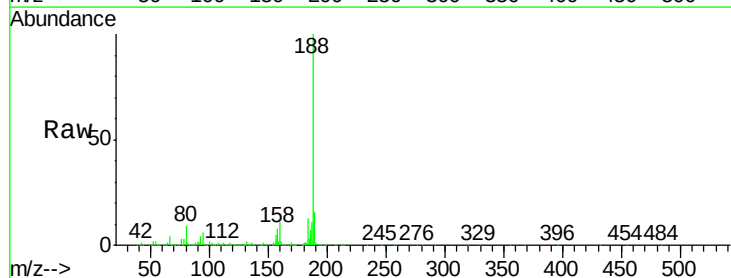
Instrument :
 BNA_G
 ClientSampleId :
 LAR9944

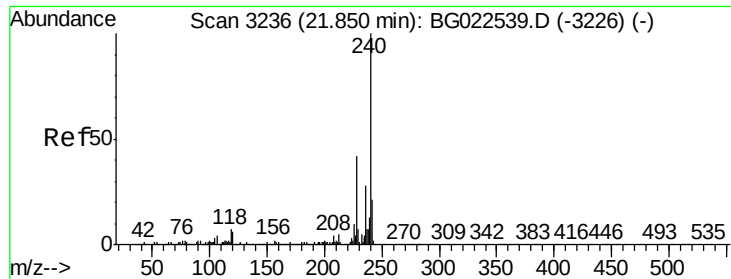
Tgt Ion:	172	Resp:	57022
Ion	Ratio	Lower	Upper
172	100		
171	32.9	31.6	47.4
170	27.1	21.3	31.9



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.54 min Scan# 2503
 Delta R.T. -0.01 min
 Lab File: BG022883.D
 Acq: 6 Jul 2016 19:25

Tgt Ion:	188	Resp:	946703
Ion	Ratio	Lower	Upper
188	100		
94	6.2	5.2	7.8
80	8.6	7.2	10.8

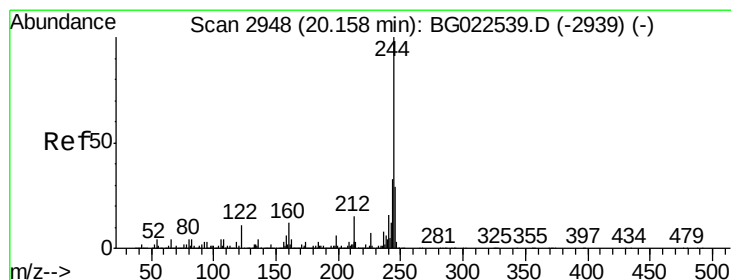
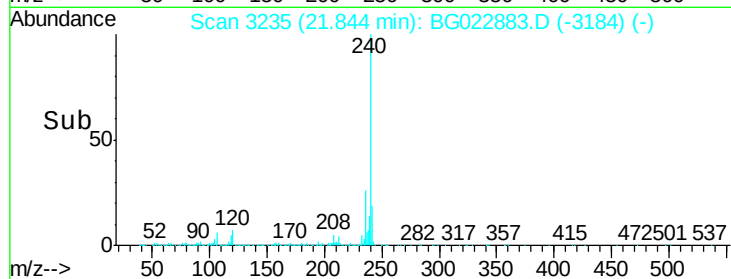
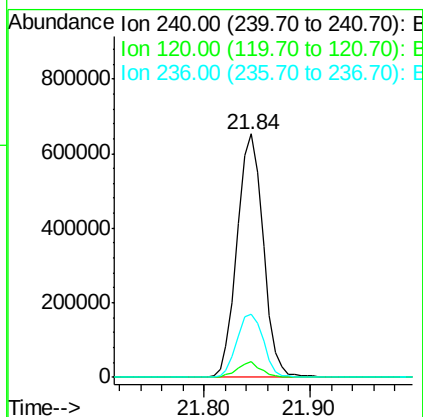
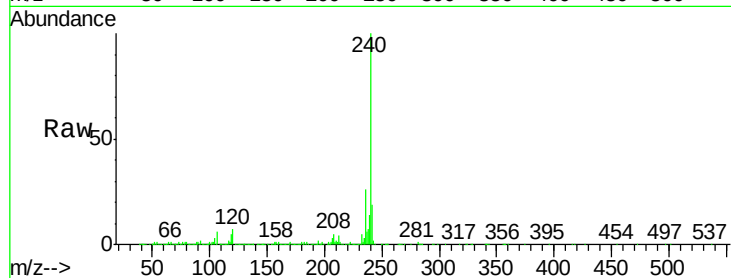




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.84 min Scan# 3235
 Delta R.T. -0.00 min
 Lab File: BG022883.D
 Acq: 6 Jul 2016 19:25

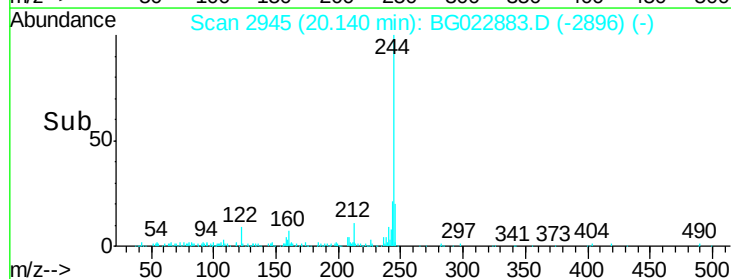
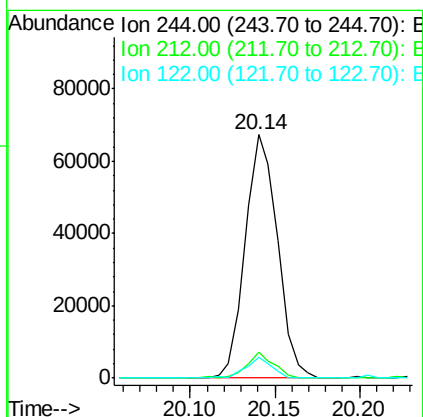
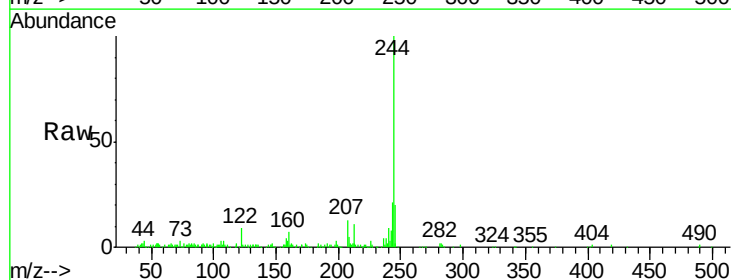
Instrument :
 BNA_G
 ClientSampleId :
 LAR9944

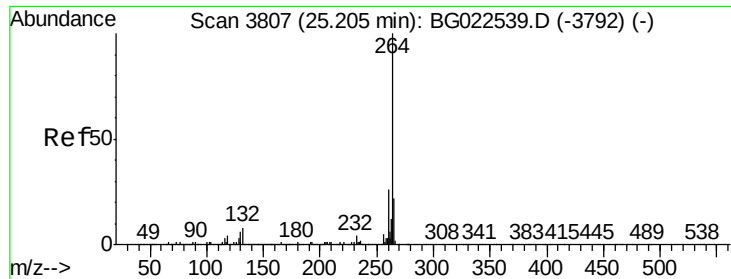
Tgt Ion:240 Resp: 1113957
 Ion Ratio Lower Upper
 240 100
 120 6.6 4.1 6.1#
 236 26.0 21.1 31.7



#78
 Terphenyl-d14
 Concen: 2.13 ng
 RT: 20.14 min Scan# 2945
 Delta R.T. -0.01 min
 Lab File: BG022883.D
 Acq: 6 Jul 2016 19:25

Tgt Ion:244 Resp: 89641
 Ion Ratio Lower Upper
 244 100
 212 10.9 10.8 16.2
 122 8.8 8.0 12.0





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.21 min Scan# 3808
 Delta R.T. 0.00 min
 Lab File: BG022883.D
 Acq: 6 Jul 2016 19:25

Instrument :
 BNA_G
 ClientSampleId :
 LAR9944

Tgt Ion: 264 Resp: 1117334
 Ion Ratio Lower Upper
 264 100
 260 24.9 18.4 27.6
 265 21.6 18.9 28.3

