

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 02:46:10 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

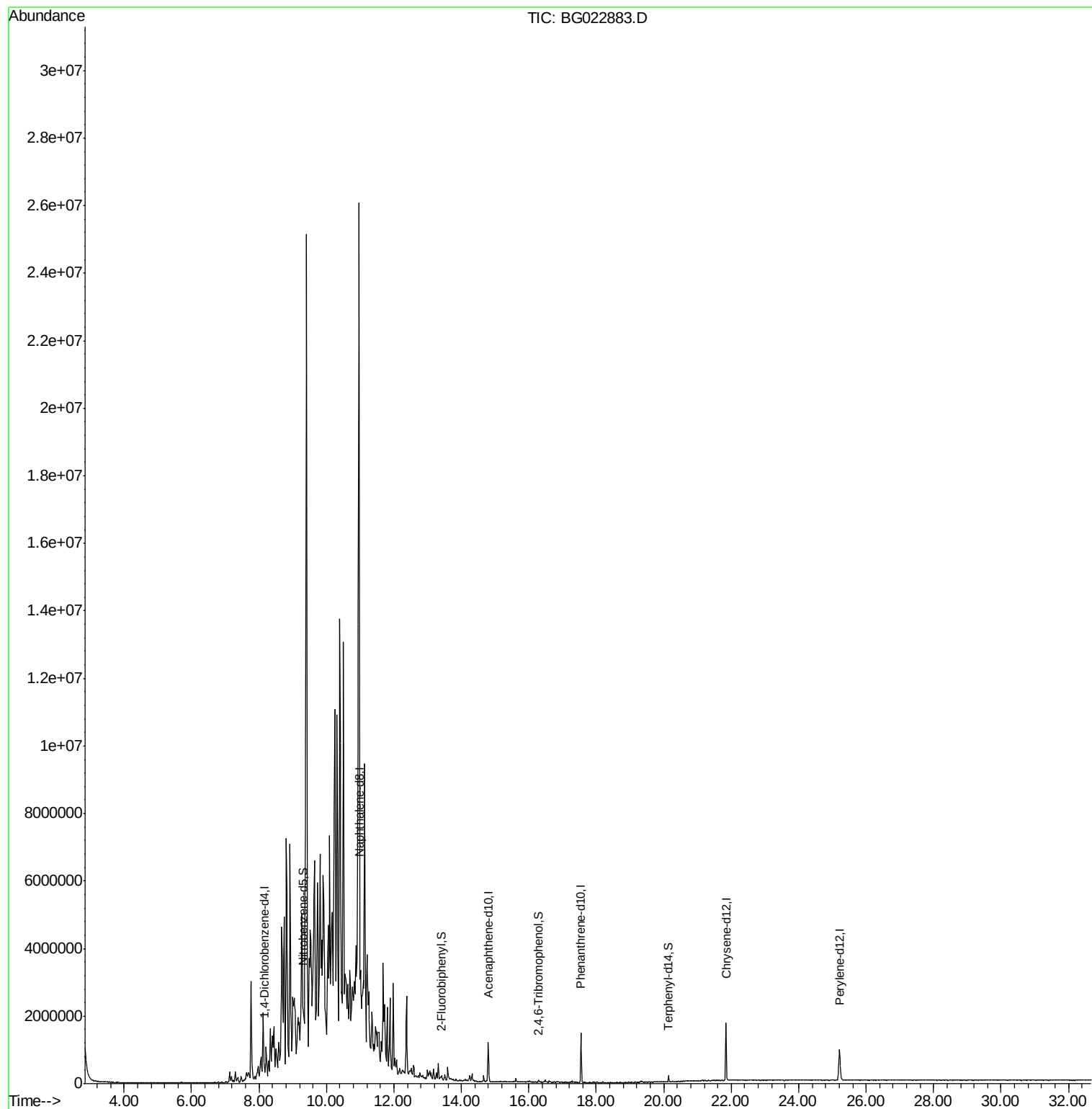
Target Compounds	Qvalue
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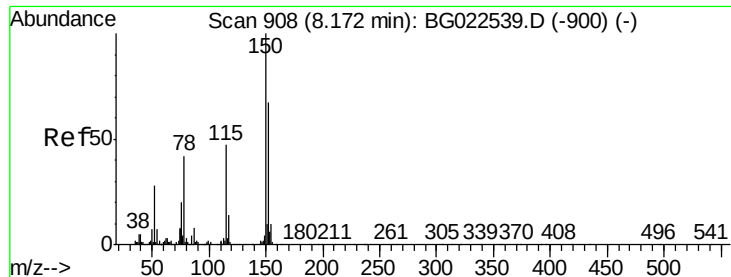
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#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

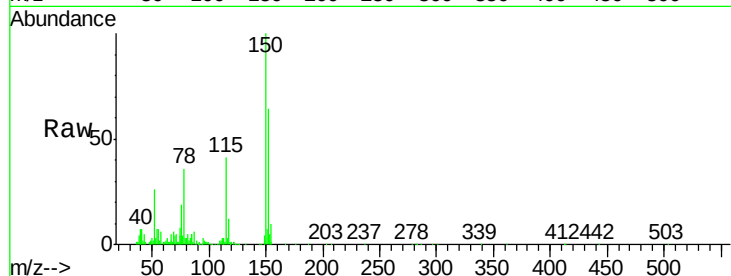
Tgt Ion:152 Resp: 131473

Ion Ratio Lower Upper

152 100

150 156.1 144.7 217.1

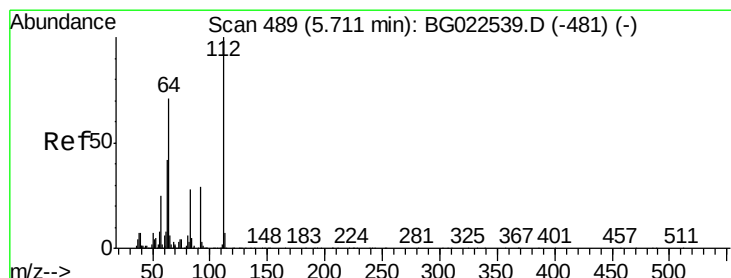
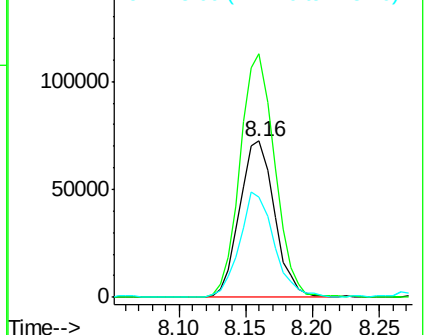
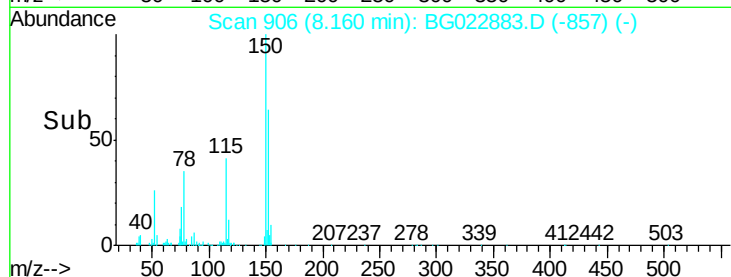
115 64.6 64.0 96.0



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

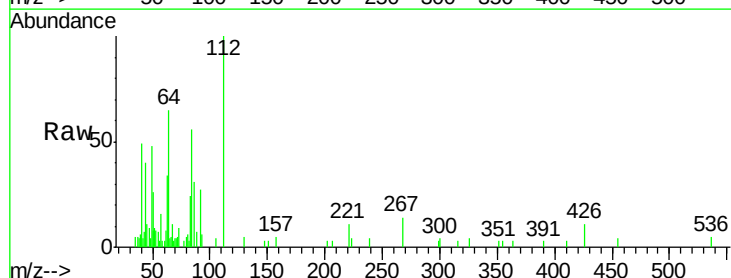
Tgt Ion:112 Resp: 11012

Ion Ratio Lower Upper

112 100

64 65.0 59.0 88.4

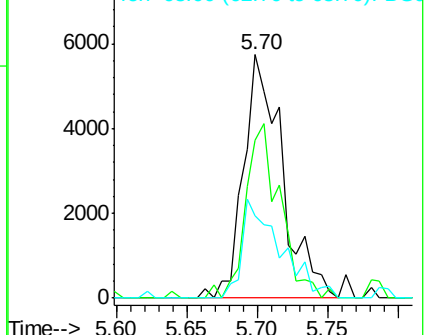
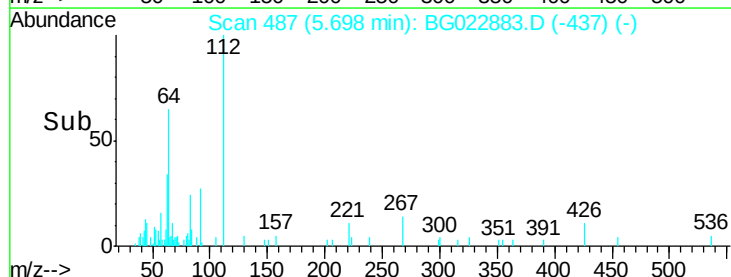
63 33.9 37.8 56.8#

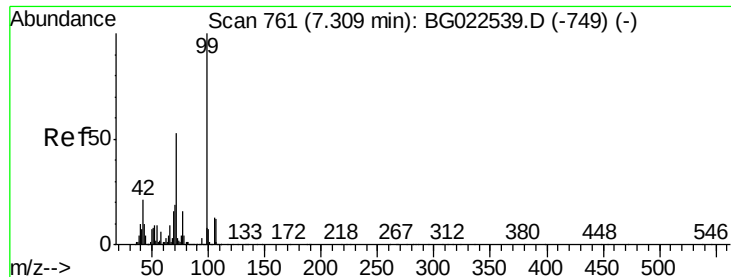


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#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

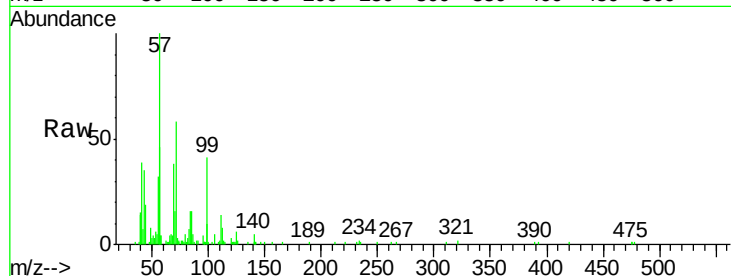
Tgt Ion: 99 Resp: 21505

Ion Ratio Lower Upper

99 100

42 17.5 17.8 26.6#

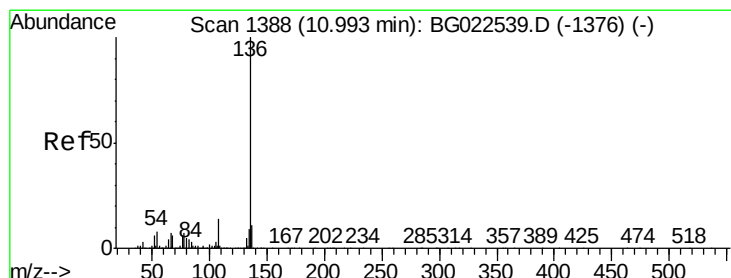
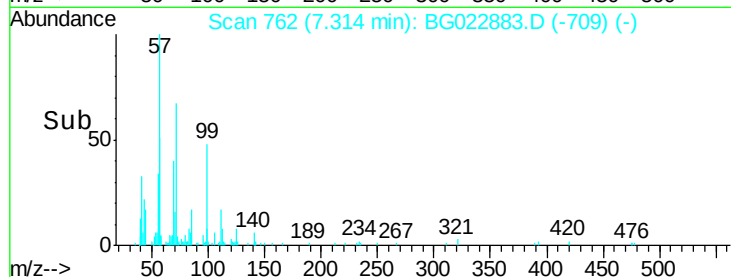
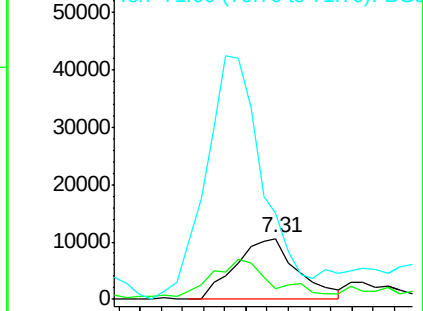
71 142.2 41.5 62.3#



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



#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

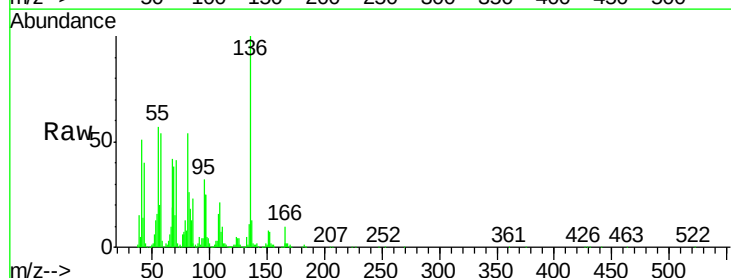
Ion Ratio Lower Upper

136 100

137 12.7 9.6 14.4

54 16.2 7.3 10.9#

68 19.0 5.3 7.9#

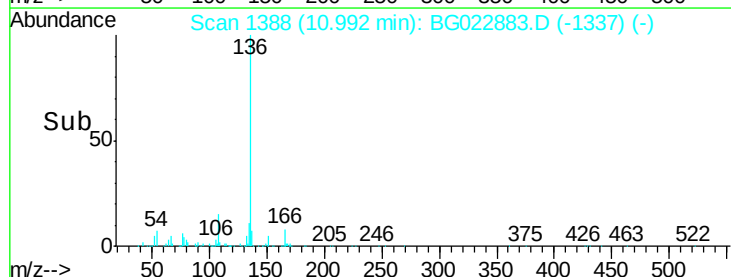
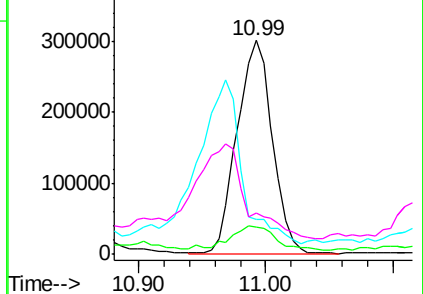


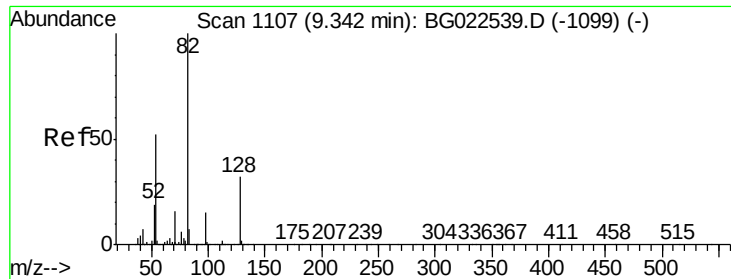
Abundance Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

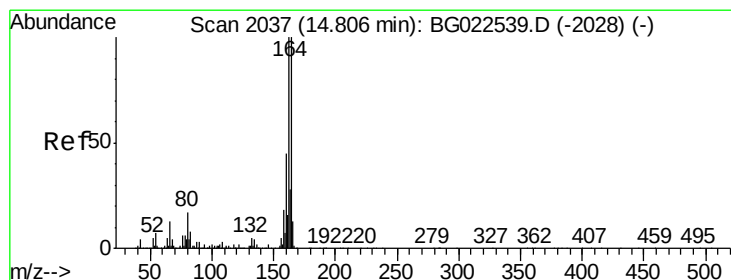
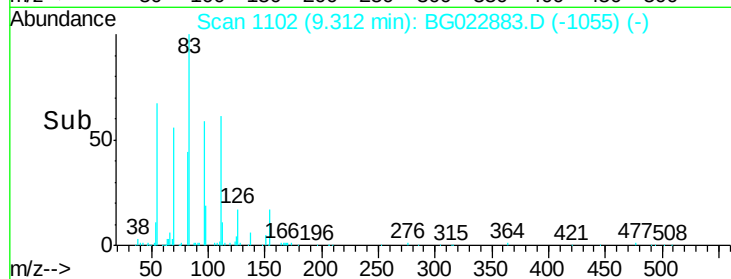
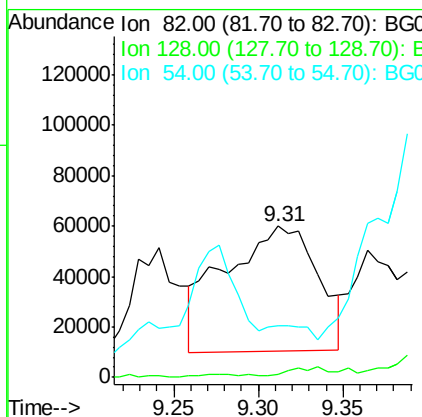
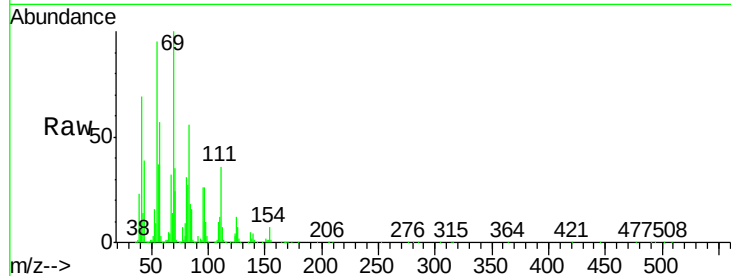




#23
 Nitrobenzene-d5
 Concen: 13.87 ng
 RT: 9.31 min Scan# 1102
 Delta R.T. -0.02 min
 Lab File: BG022883.D
 Acq: 6 Jul 2016 19:25

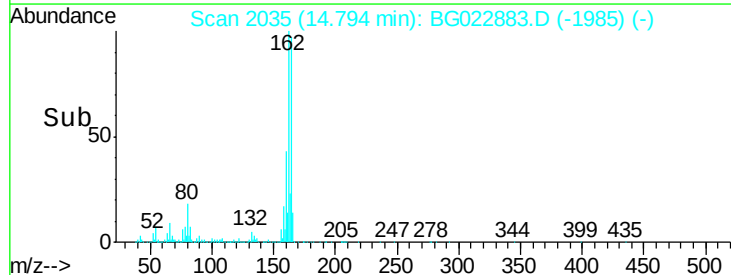
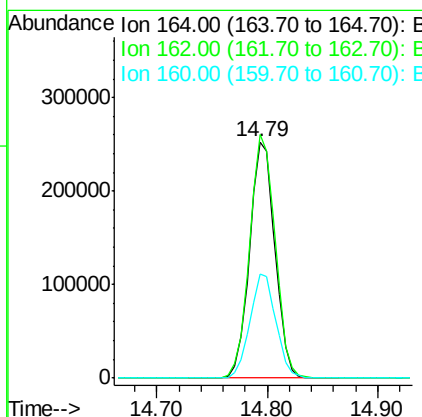
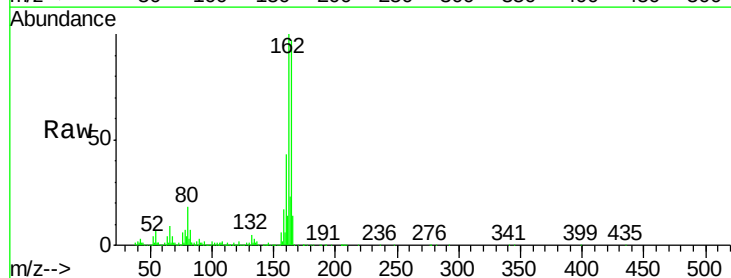
Instrument :
 BNA_G
 ClientSampleId :
 LAR9944

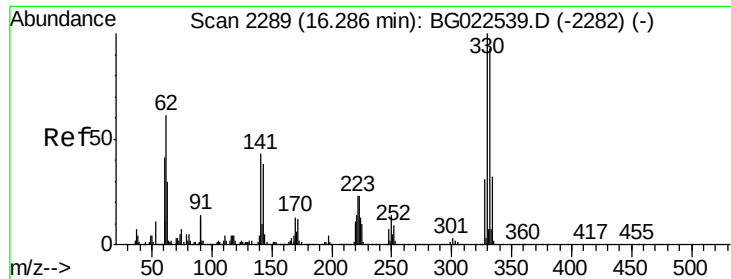
Tgt Ion: 82 Resp: 190364
 Ion Ratio Lower Upper
 82 100
 128 1.8 24.4 36.6#
 54 33.8 41.4 62.0#



#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

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

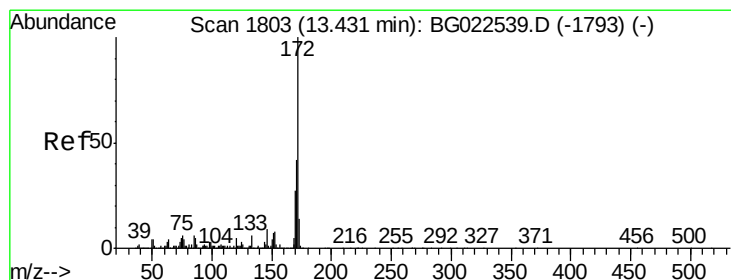
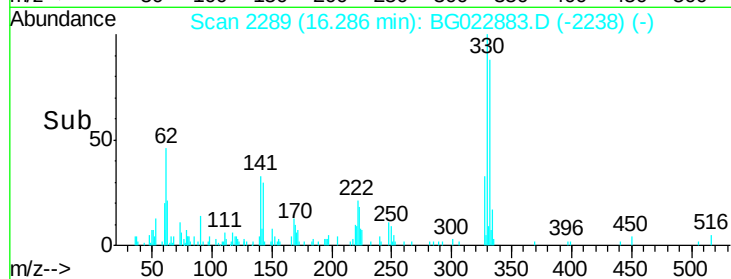
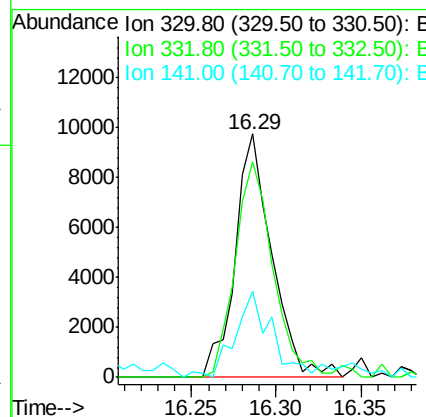
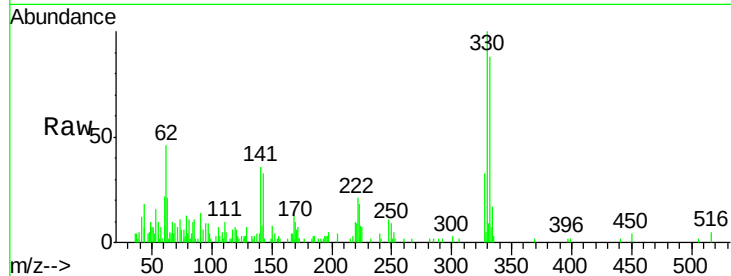




#41
 2,4,6-Tribromophenol
 Concen: 2.30 ng
 RT: 16.29 min Scan# 2289
 Delta R.T. -0.00 min
 Lab File: BG022883.D
 Acq: 6 Jul 2016 19:25

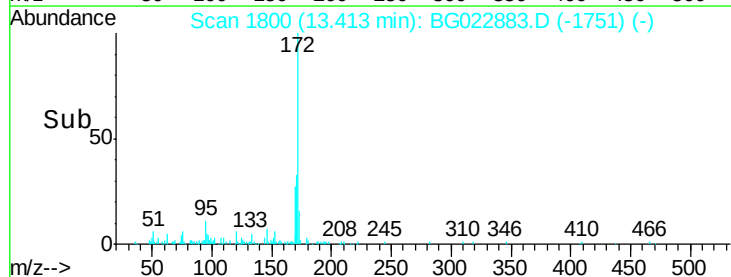
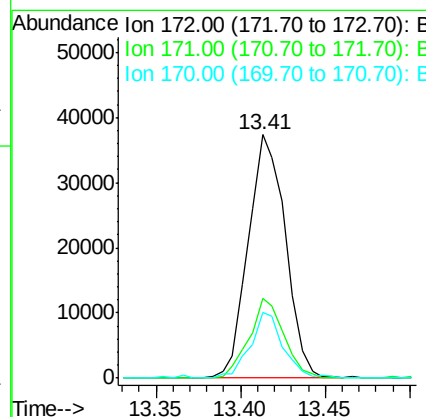
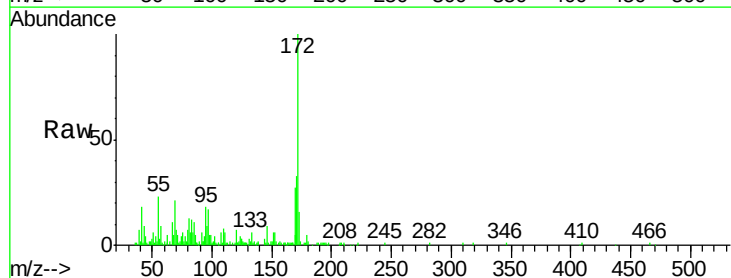
Instrument :
 BNA_G
 ClientSampleId :
 LAR9944

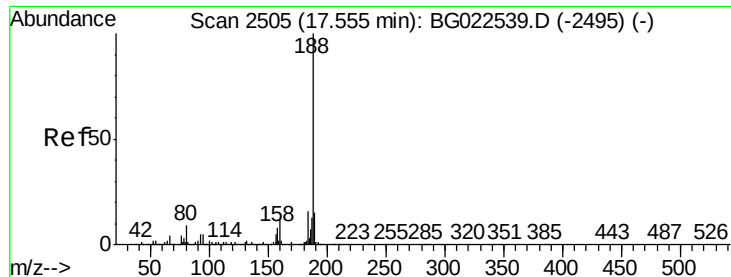
Tgt Ion:330 Resp: 14765
 Ion Ratio Lower Upper
 330 100
 332 91.6 77.4 116.2
 141 29.9 31.7 47.5#



#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

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

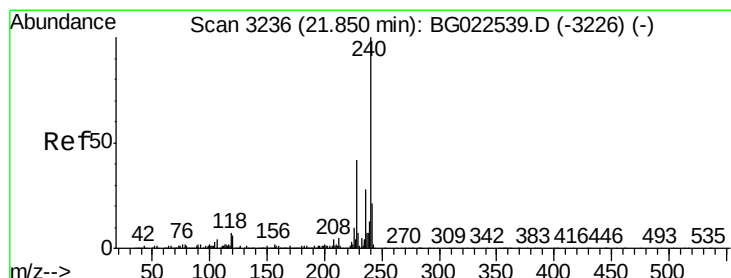
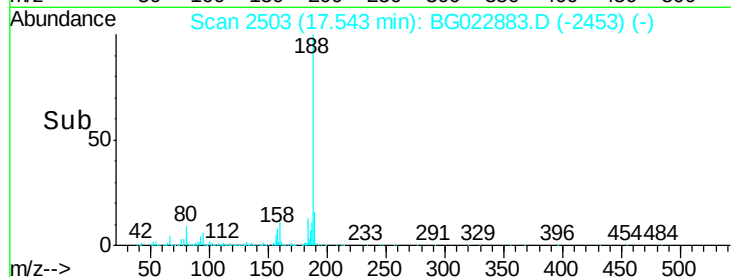
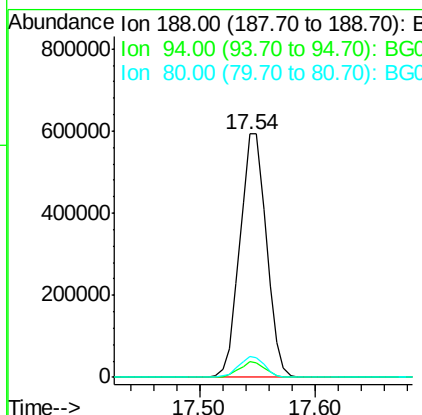
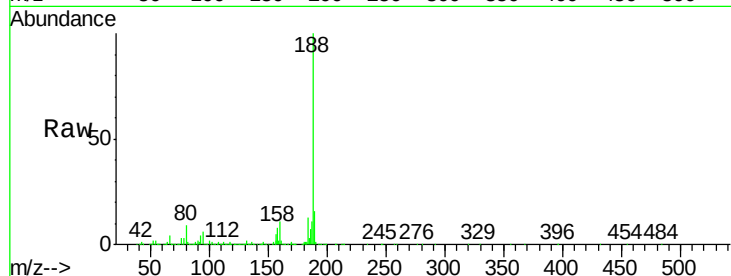




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.54 min Scan# 2503
Delta R.T. -0.01 min
Lab File: BG022883.D
Acq: 6 Jul 2016 19:25

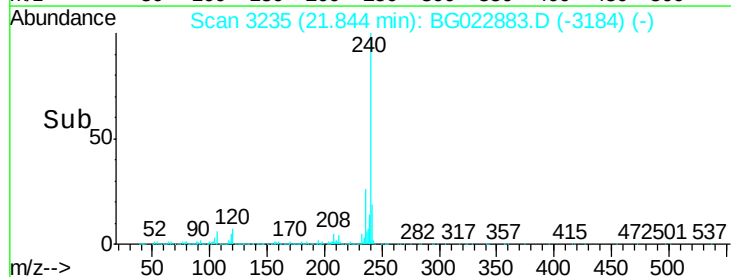
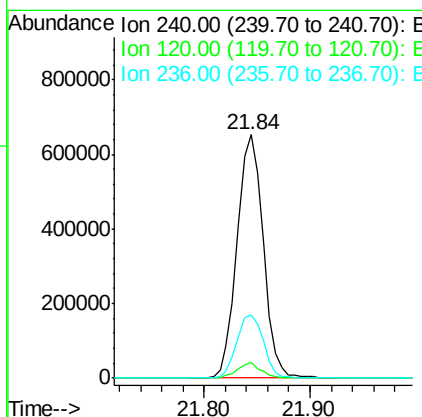
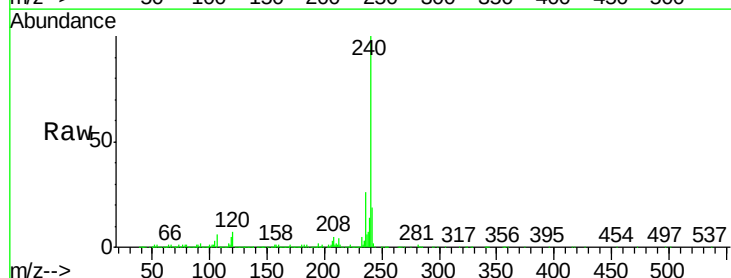
Instrument :
BNA_G
ClientSampleId :
LAR9944

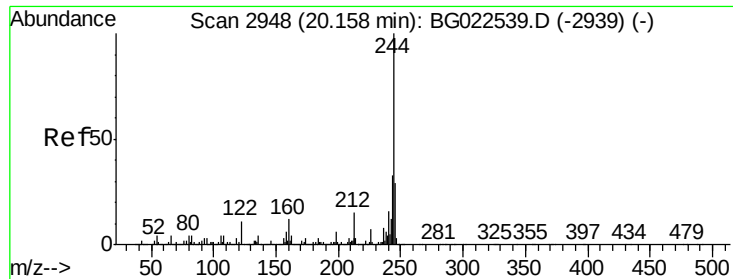
Tgt Ion:188 Resp: 946703
Ion Ratio Lower Upper
188 100
94 6.2 5.2 7.8
80 8.6 7.2 10.8



#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

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

Instrument :

BNA_G

ClientSampleId :

LAR9944

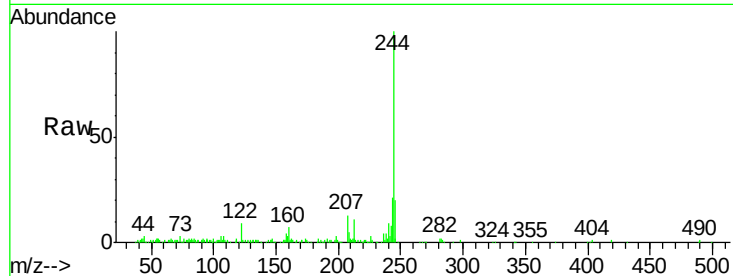
Tgt Ion:244 Resp: 89641

Ion Ratio Lower Upper

244 100

212 10.9 10.8 16.2

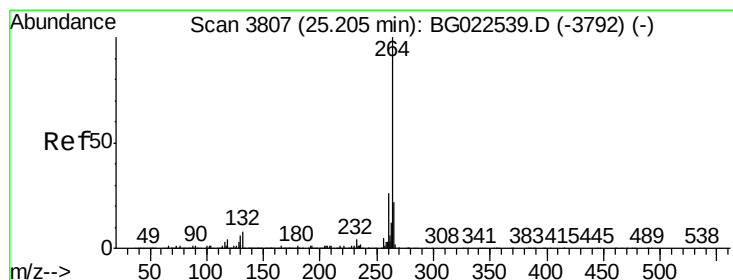
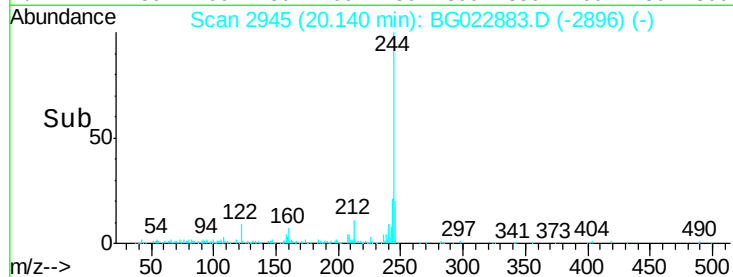
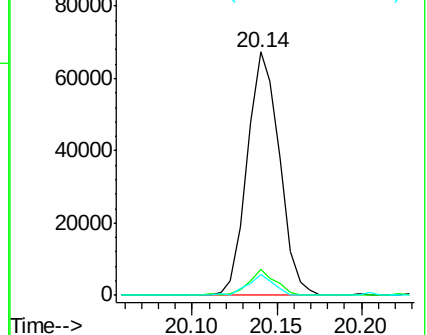
122 8.8 8.0 12.0



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: 25.21 min Scan# 3808

Delta R.T. 0.00 min

Lab File: BG022883.D

Acq: 6 Jul 2016 19:25

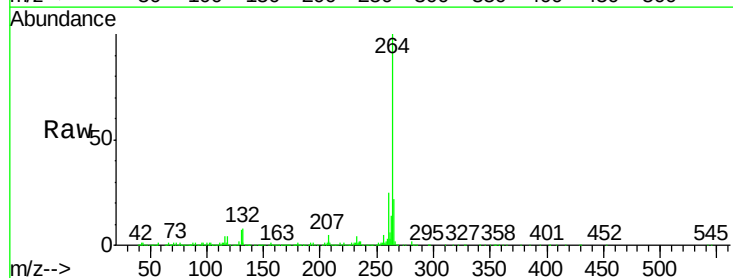
Tgt Ion:264 Resp: 1117334

Ion Ratio Lower Upper

264 100

260 24.9 18.4 27.6

265 21.6 18.9 28.3



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

