

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070716\
 Data File : BG022876.D
 Acq On : 6 Jul 2016 13:59
 Operator : UM/SJ
 Sample : H3807-01 40X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LAR9945

Quant Time: Jul 06 16:18:44 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	122502	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	535234	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	412046	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	958871	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1051143	20.00	ng	0.00
86) Perylene-d12	25.23	264	1116875	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	22817	2.99	ng	0.00
7) Phenol-d6	7.31	99	45809	4.26	ng	0.00
23) Nitrobenzene-d5	9.32	82	90983	7.19	ng	-0.01
41) 2,4,6-Tribromophenol	16.29	330	18463	2.85	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	68855	2.65	ng	-0.01
78) Terphenyl-d14	20.14	244	107504	2.71	ng	0.00

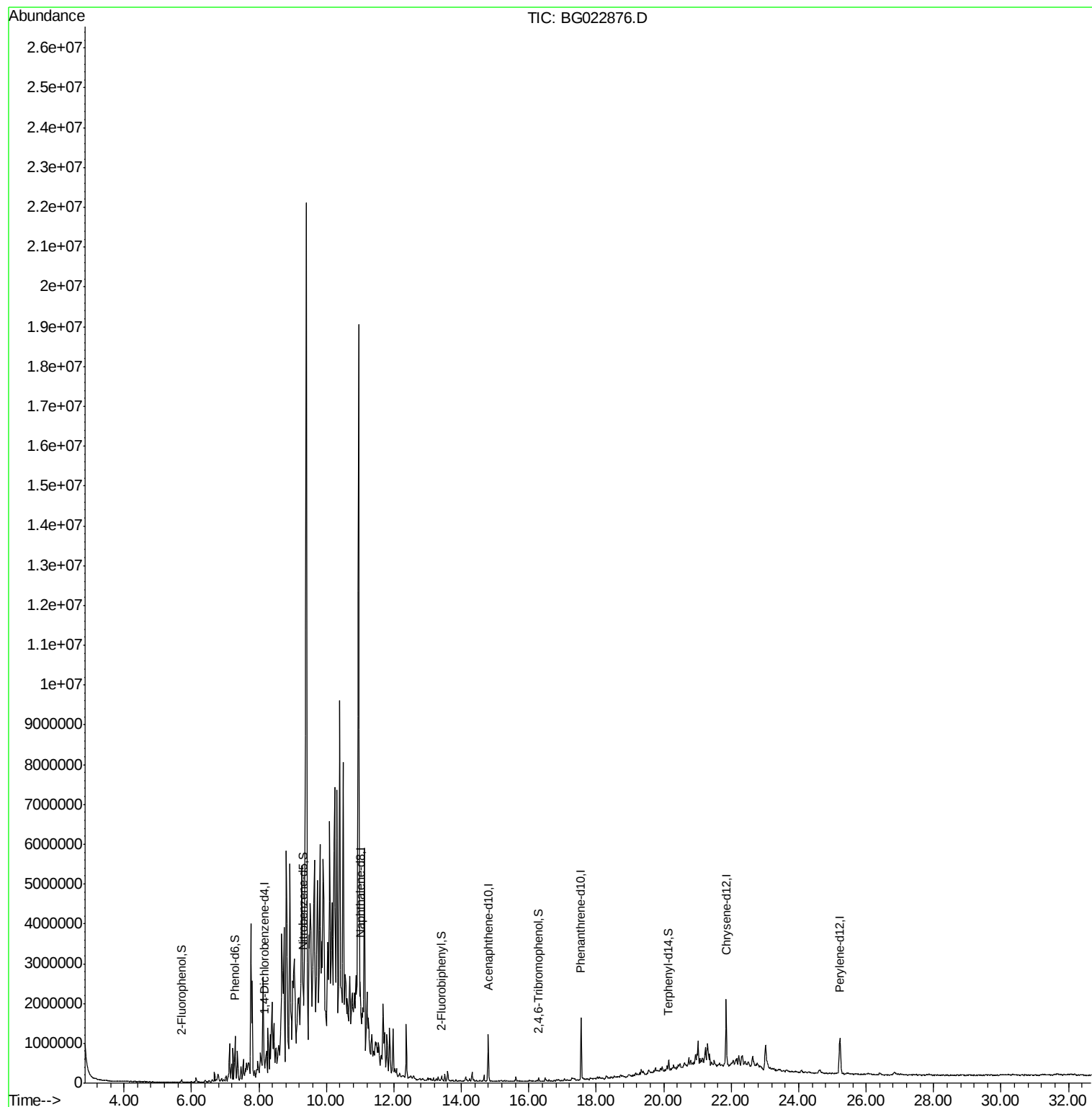
Target Compounds	Qvalue
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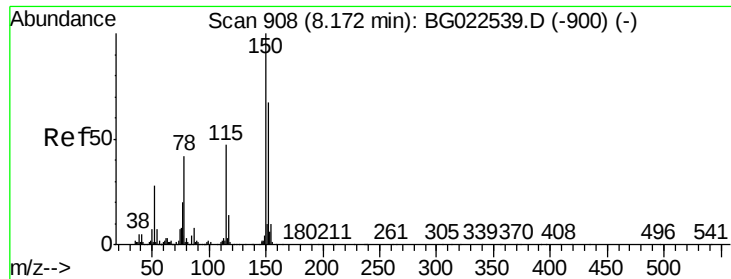
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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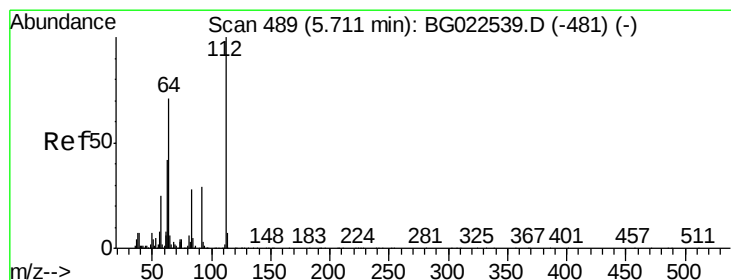
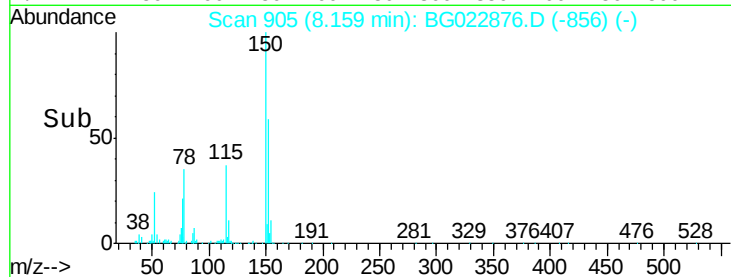
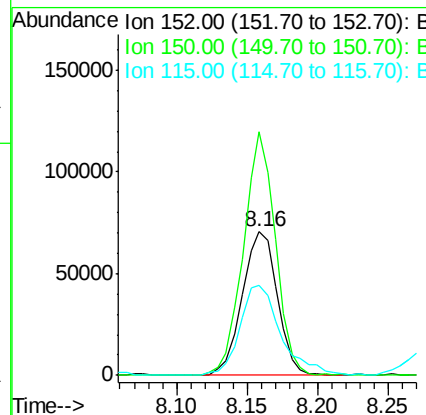
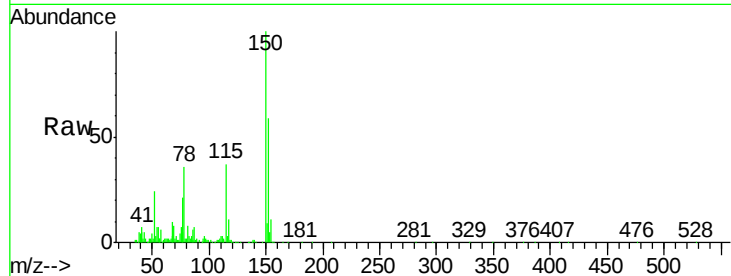


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.16 min Scan# 905
Delta R.T. -0.01 min
Lab File: BG022876.D
Acq: 6 Jul 2016 13:59

Instrument :
BNA_G
ClientSampleId :
LAR9945

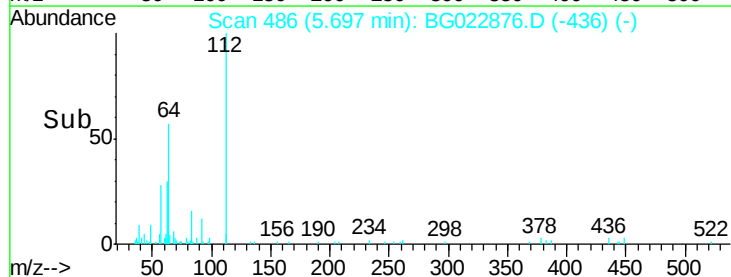
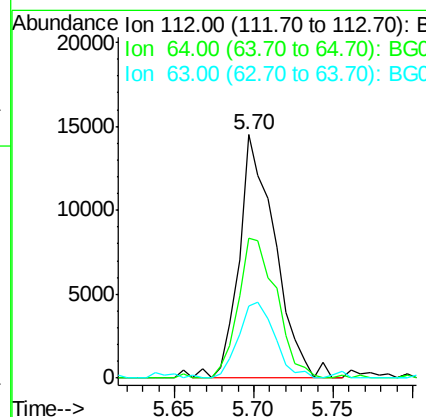
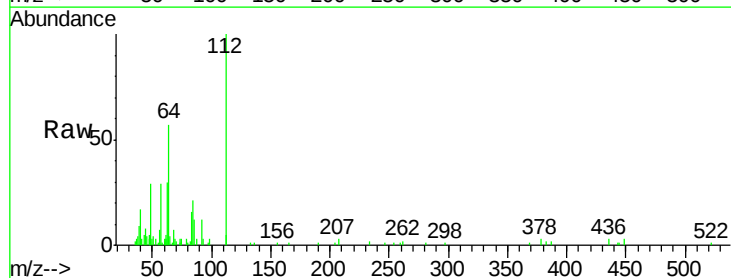
Tgt Ion:152 Resp: 122502
Ion Ratio Lower Upper
152 100
150 170.0 144.7 217.1
115 62.9 64.0 96.0#



#5

2-Fluorophenol
Concen: 2.99 ng
RT: 5.70 min Scan# 486
Delta R.T. -0.01 min
Lab File: BG022876.D
Acq: 6 Jul 2016 13:59

Tgt Ion:112 Resp: 22817
Ion Ratio Lower Upper
112 100
64 57.3 59.0 88.4#
63 29.6 37.8 56.8#





#7

Phenol-d6

Concen: 4.26 ng

RT: 7.31 min Scan# 760

Delta R.T. 0.00 min

Lab File: BG022876.D

Acq: 6 Jul 2016 13:59

Instrument :

BNA_G

ClientSampleId :

LAR9945

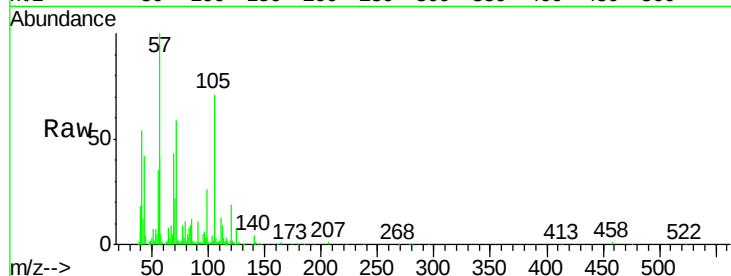
Tgt Ion: 99 Resp: 45809

Ion Ratio Lower Upper

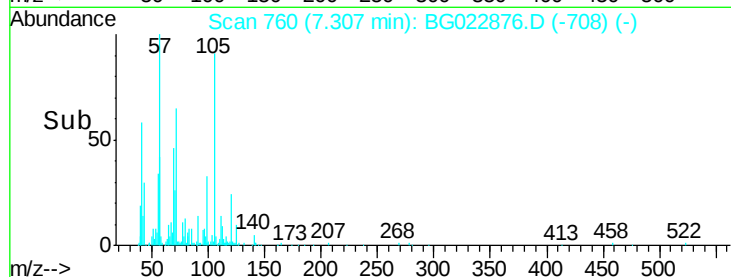
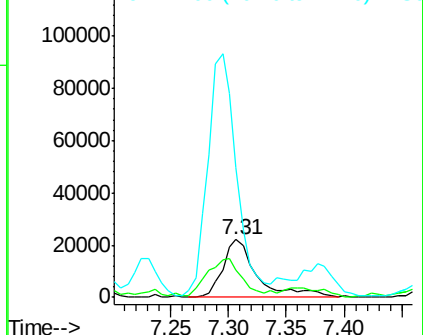
99 100

42 46.8 17.8 26.6#

71 223.4 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# 1387

Delta R.T. -0.00 min

Lab File: BG022876.D

Acq: 6 Jul 2016 13:59

Tgt Ion: 136 Resp: 535234

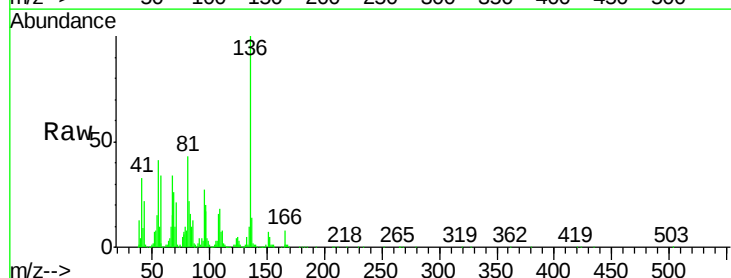
Ion Ratio Lower Upper

136 100

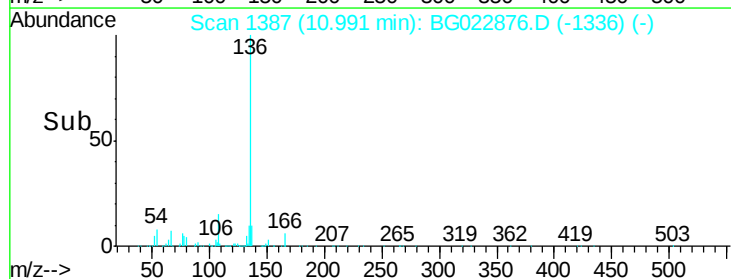
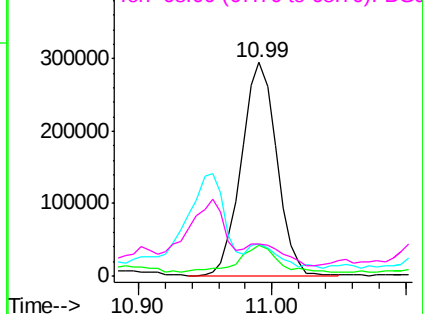
137 14.2 9.6 14.4

54 15.1 7.3 10.9#

68 15.2 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

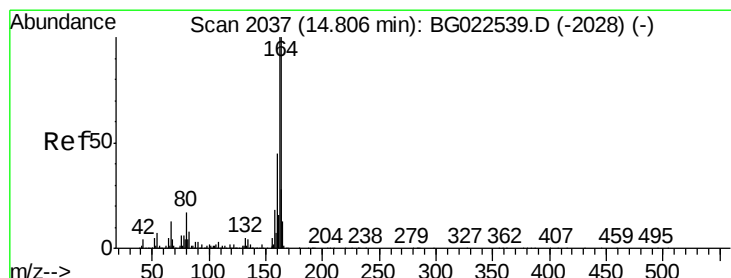
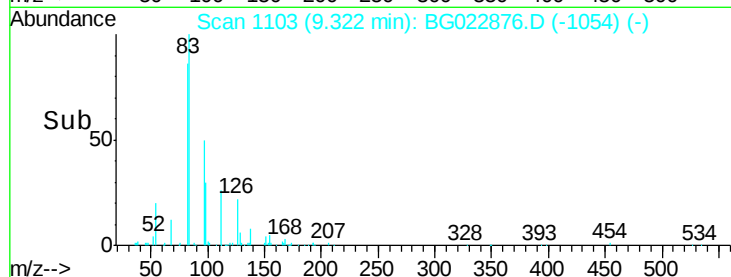
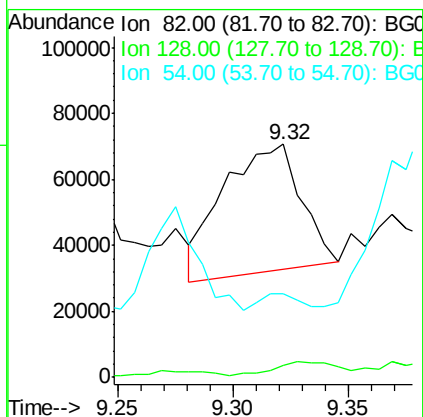
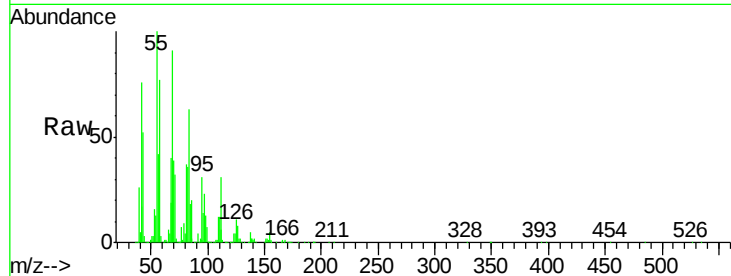




#23
 Nitrobenzene-d5
 Concen: 7.19 ng
 RT: 9.32 min Scan# 1103
 Delta R.T. -0.01 min
 Lab File: BG022876.D
 Acq: 6 Jul 2016 13:59

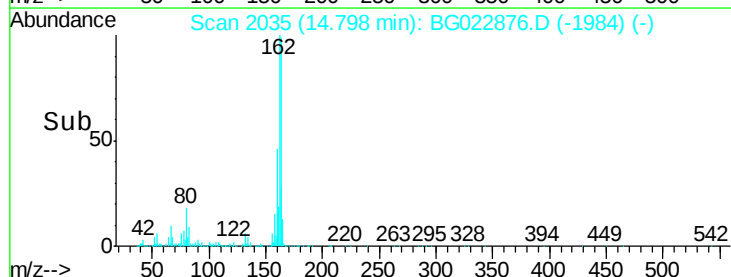
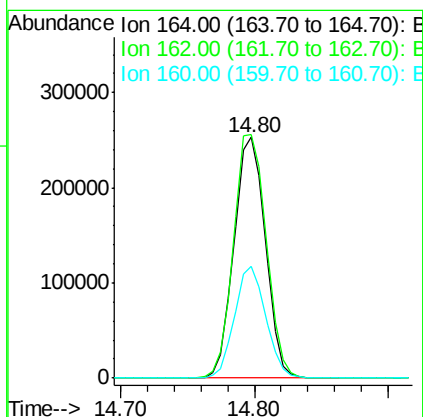
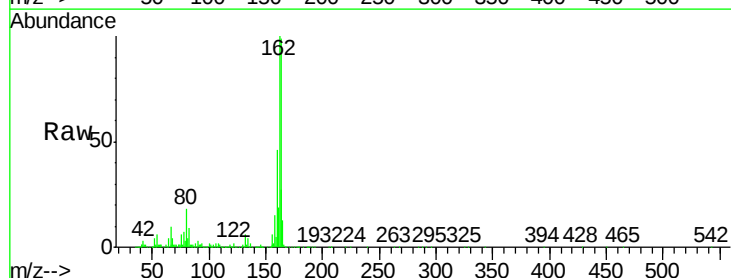
Instrument :
 BNA_G
 ClientSampleId :
 LAR9945

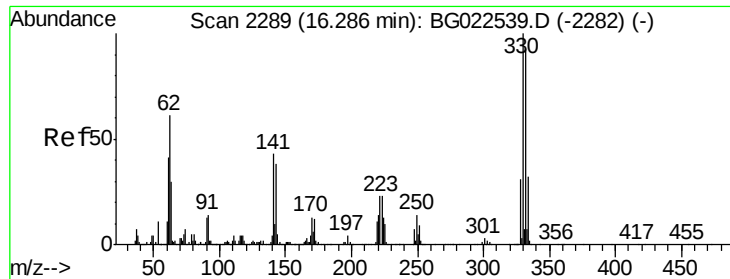
Tgt Ion: 82 Resp: 90983
 Ion Ratio Lower Upper
 82 100
 128 5.4 24.4 36.6#
 54 35.8 41.4 62.0#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: BG022876.D
 Acq: 6 Jul 2016 13:59

Tgt Ion: 164 Resp: 412046
 Ion Ratio Lower Upper
 164 100
 162 101.1 87.7 131.5
 160 46.3 37.2 55.8

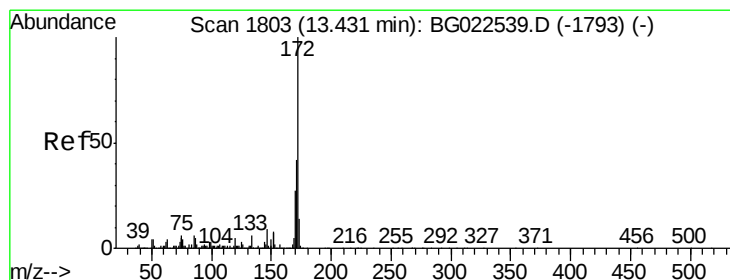
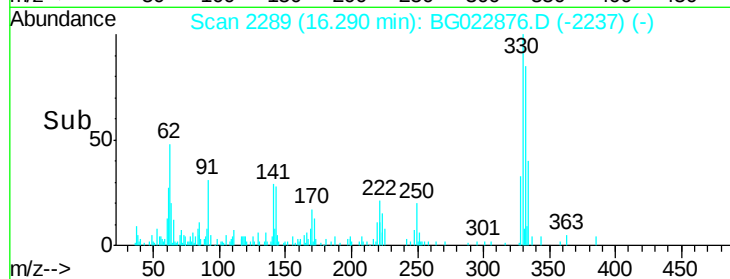
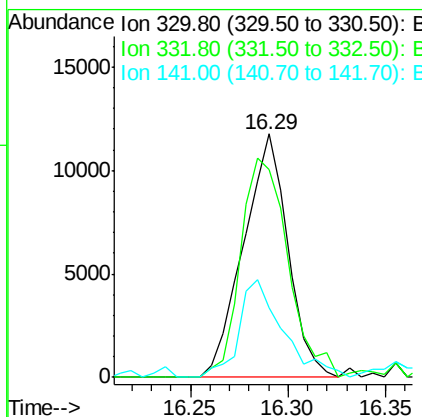
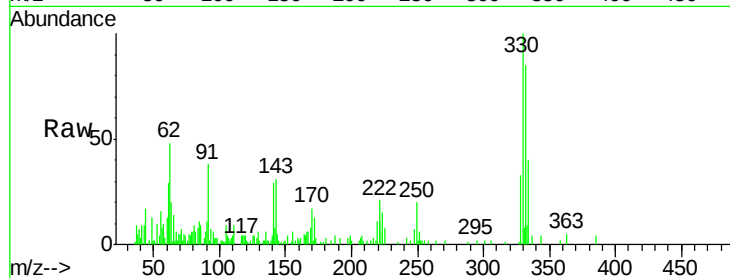




#41
 2,4,6-Tribromophenol
 Concen: 2.85 ng
 RT: 16.29 min Scan# 2289
 Delta R.T. 0.00 min
 Lab File: BG022876.D
 Acq: 6 Jul 2016 13:59

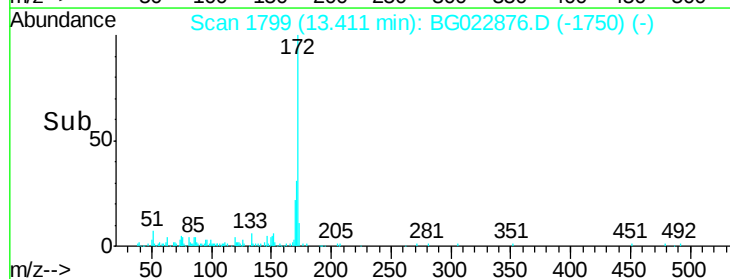
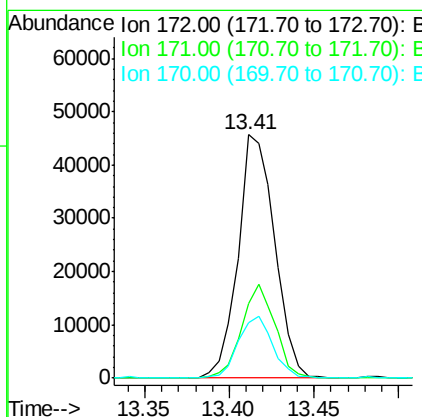
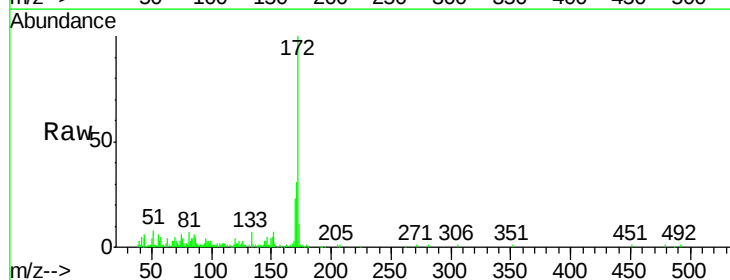
Instrument :
 BNA_G
 ClientSampleId :
 LAR9945

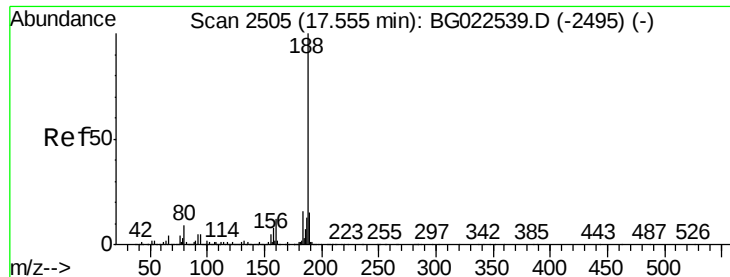
Tgt Ion:330 Resp: 18463
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.4 116.2
 141 39.9 31.7 47.5



#44
 2-Fluorobiphenyl
 Concen: 2.65 ng
 RT: 13.41 min Scan# 1799
 Delta R.T. -0.01 min
 Lab File: BG022876.D
 Acq: 6 Jul 2016 13:59

Tgt Ion:172 Resp: 68855
 Ion Ratio Lower Upper
 172 100
 171 30.6 31.6 47.4#
 170 22.7 21.3 31.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.55 min Scan# 2503

Delta R.T. -0.00 min

Lab File: BG022876.D

Acq: 6 Jul 2016 13:59

Instrument :

BNA_G

ClientSampleId :

LAR9945

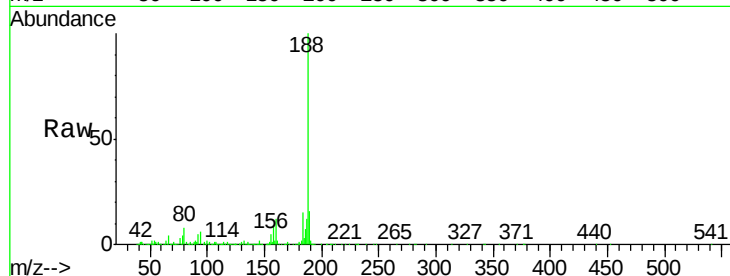
Tgt Ion:188 Resp: 958871

Ion Ratio Lower Upper

188 100

94 6.2 5.2 7.8

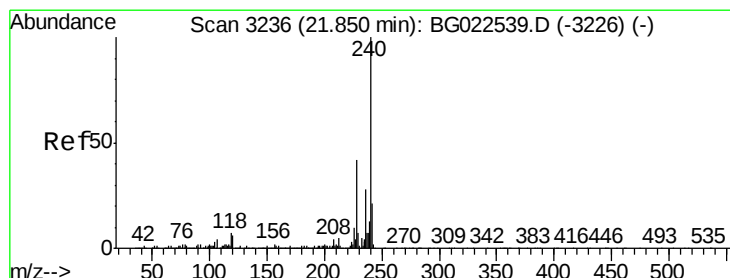
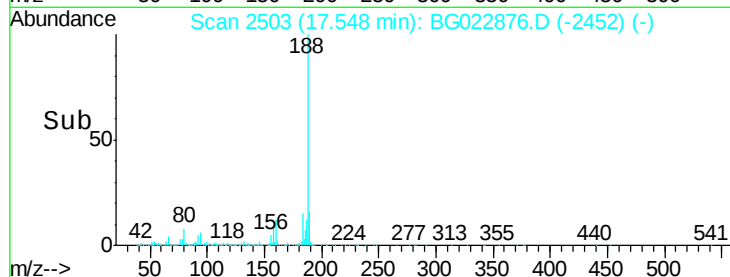
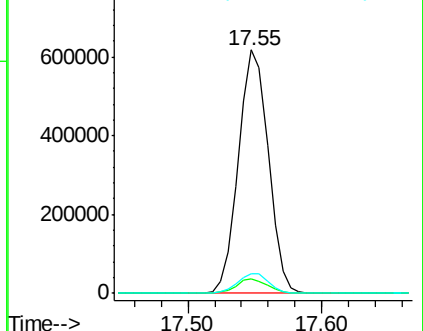
80 8.2 7.2 10.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.85 min Scan# 3235

Delta R.T. 0.00 min

Lab File: BG022876.D

Acq: 6 Jul 2016 13:59

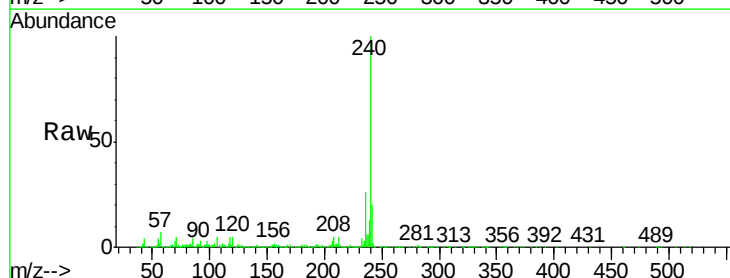
Tgt Ion:240 Resp: 1051143

Ion Ratio Lower Upper

240 100

120 5.5 4.1 6.1

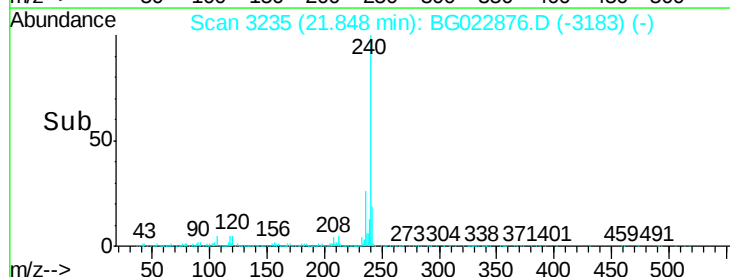
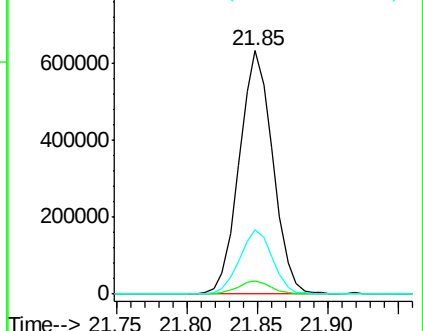
236 26.4 21.1 31.7

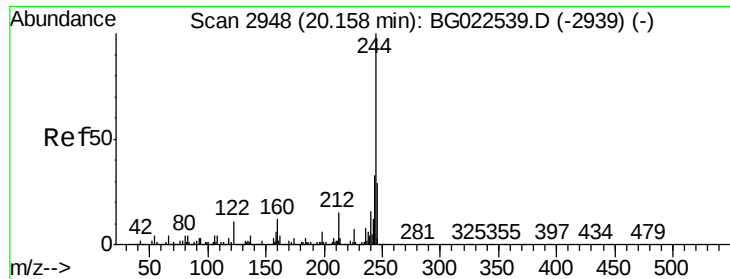


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 2.71 ng

RT: 20.14 min Scan# 2945

Delta R.T. -0.01 min

Lab File: BG022876.D

Acq: 6 Jul 2016 13:59

Instrument :

BNA_G

ClientSampled :

LAR9945

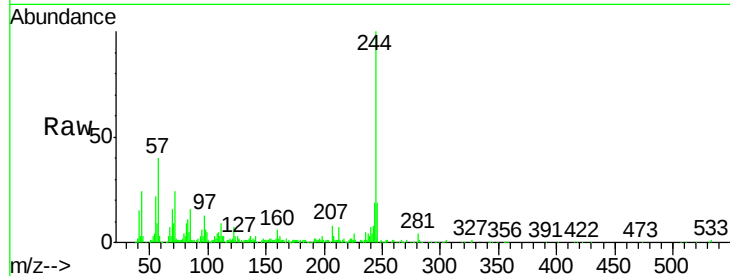
Tgt Ion:244 Resp: 107504

Ion Ratio Lower Upper

244 100

212 6.7 10.8 16.2#

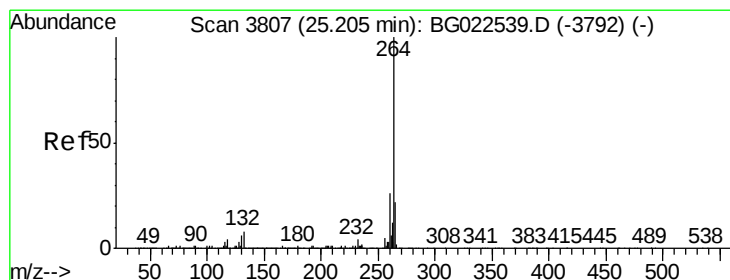
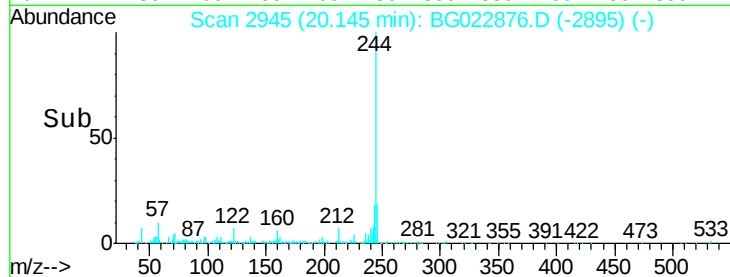
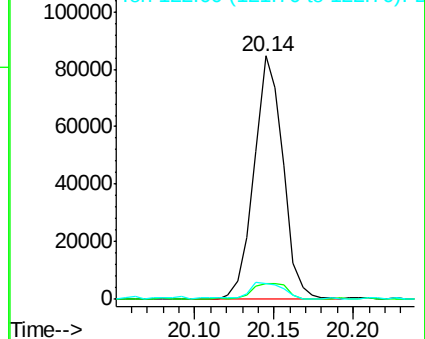
122 6.6 8.0 12.0#



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: 25.23 min Scan# 3810

Delta R.T. 0.02 min

Lab File: BG022876.D

Acq: 6 Jul 2016 13:59

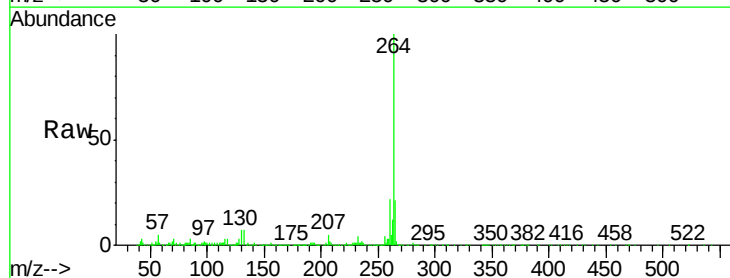
Tgt Ion:264 Resp: 1116875

Ion Ratio Lower Upper

264 100

260 22.1 18.4 27.6

265 21.1 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

