

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070716\
 Data File : BG022879.D
 Acq On : 6 Jul 2016 16:44
 Operator : UM/SJ
 Sample : H3803-01 50X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LAR9940

Quant Time: Jul 06 18:14:15 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	128560	20.00	ng	-0.02
21) Naphthalene-d8	10.99	136	547258	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	437497	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	1013622	20.00	ng	0.00
75) Chrysene-d12	21.84	240	1148922	20.00	ng	0.00
86) Perylene-d12	25.21	264	1141130	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	20395	2.54	ng	0.00
7) Phenol-d6	7.31	99	29593	2.62	ng	0.00
23) Nitrobenzene-d5	9.31	82	145754	11.27	ng	-0.02
41) 2,4,6-Tribromophenol	16.29	330	17442	2.53	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	70856	2.57	ng	0.00
78) Terphenyl-d14	20.14	244	108178	2.49	ng	0.00

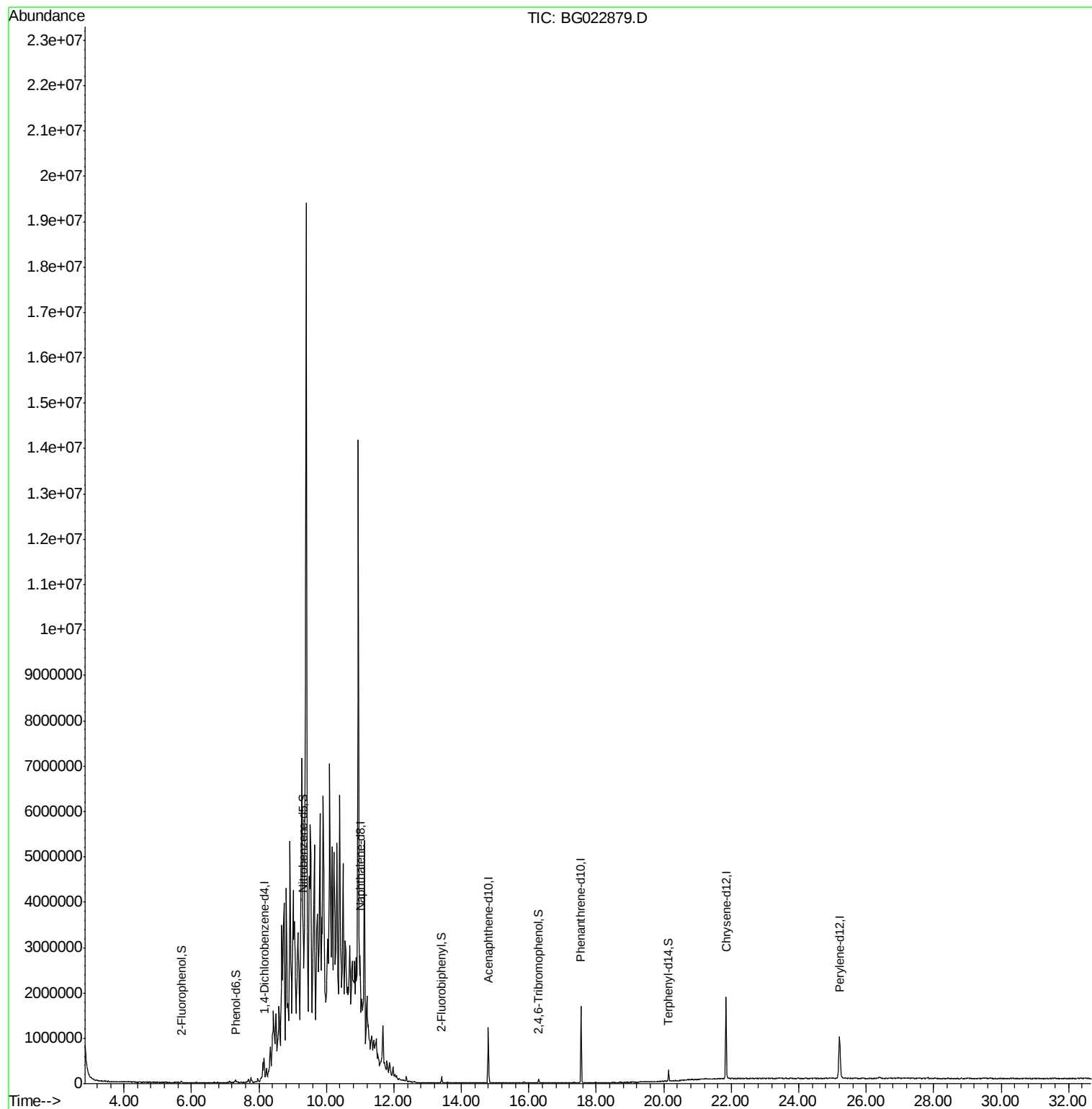
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 905

Delta R.T. -0.02 min

Lab File: BG022879.D

Acq: 6 Jul 2016 16:44

Instrument :

BNA_G

ClientSampleId :

LAR9940

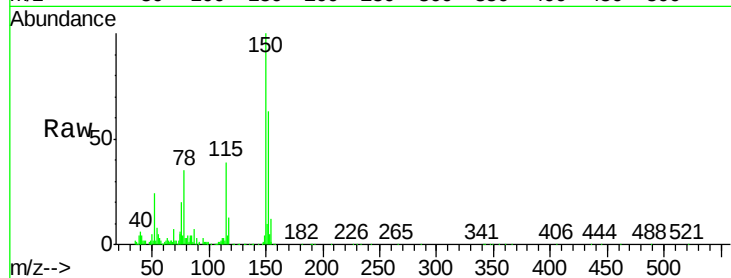
Tgt Ion:152 Resp: 128560

Ion Ratio Lower Upper

152 100

150 158.4 144.7 217.1

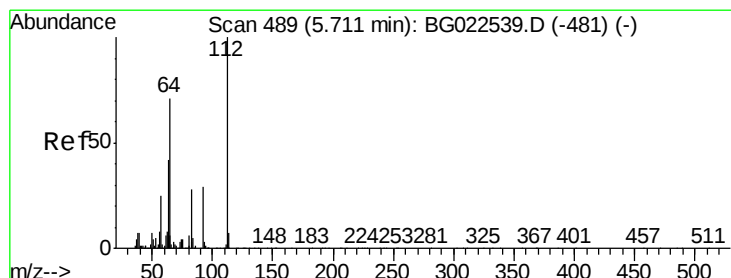
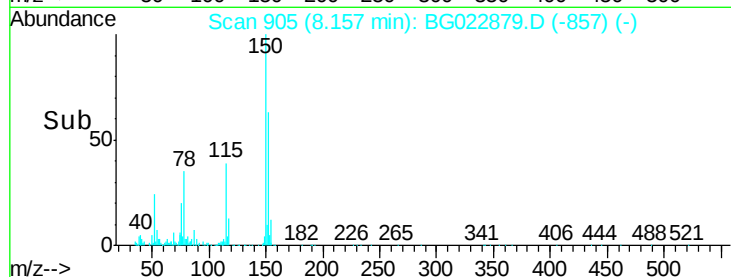
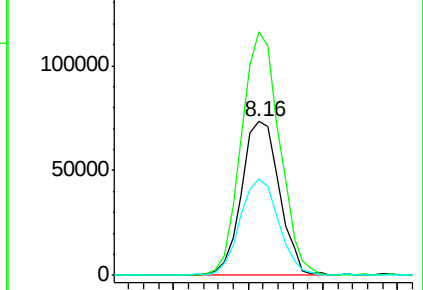
115 62.4 64.0 96.0#



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: 2.54 ng

RT: 5.70 min Scan# 487

Delta R.T. -0.00 min

Lab File: BG022879.D

Acq: 6 Jul 2016 16:44

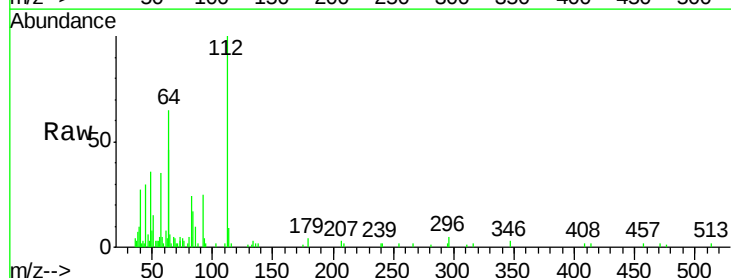
Tgt Ion:112 Resp: 20395

Ion Ratio Lower Upper

112 100

64 64.7 59.0 88.4

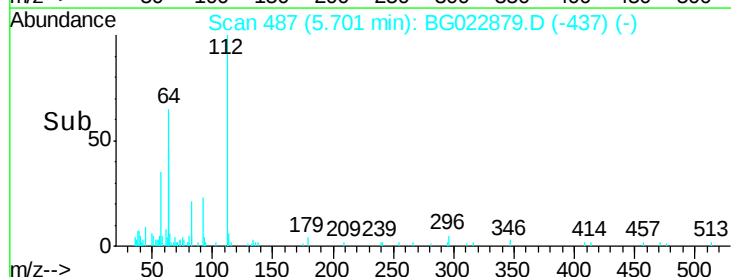
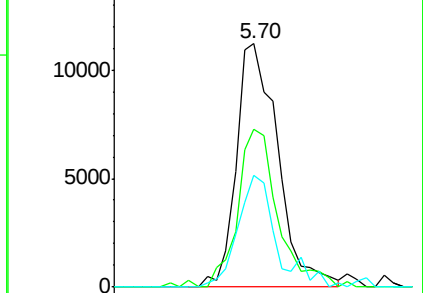
63 46.1 37.8 56.8

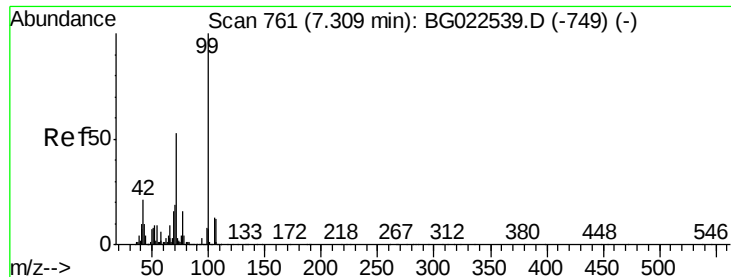


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 2.62 ng

RT: 7.31 min Scan# 760

Delta R.T. 0.00 min

Lab File: BG022879.D

Acq: 6 Jul 2016 16:44

Instrument :

BNA_G

ClientSampleId :

LAR9940

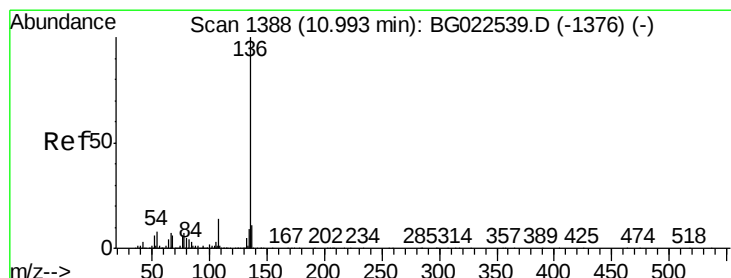
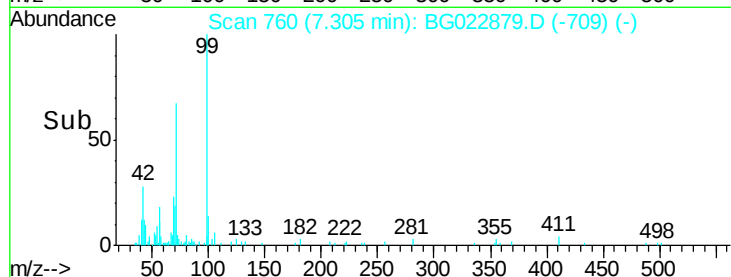
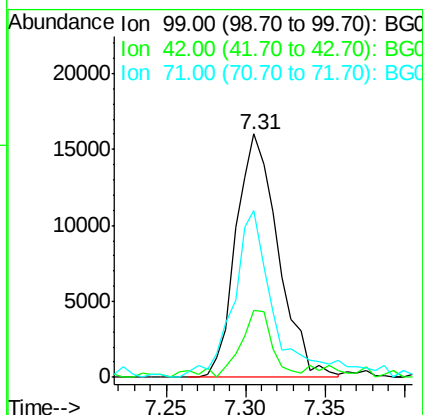
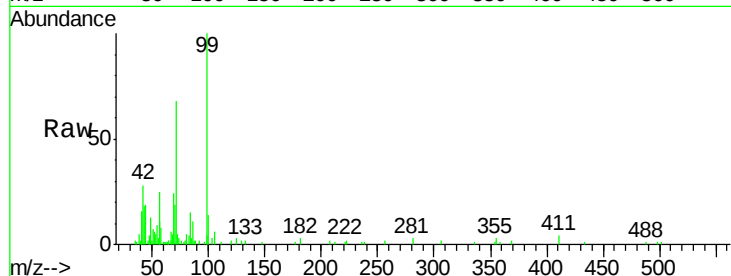
Tgt Ion: 99 Resp: 29593

Ion Ratio Lower Upper

99 100

42 27.7 17.8 26.6#

71 68.4 41.5 62.3#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.99 min Scan# 1387

Delta R.T. -0.00 min

Lab File: BG022879.D

Acq: 6 Jul 2016 16:44

Tgt Ion: 136 Resp: 547258

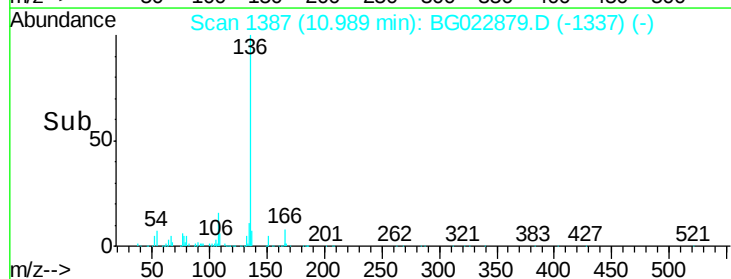
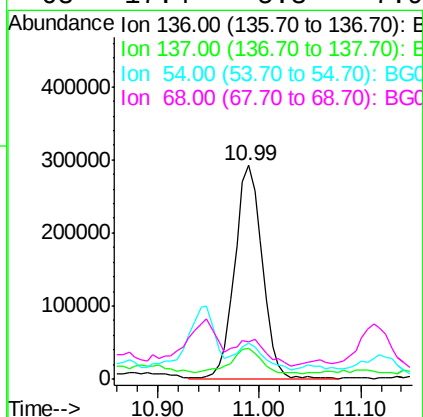
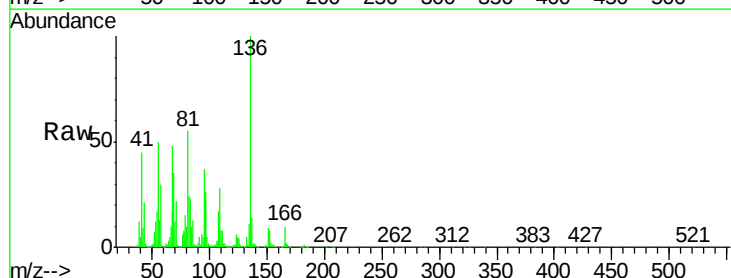
Ion Ratio Lower Upper

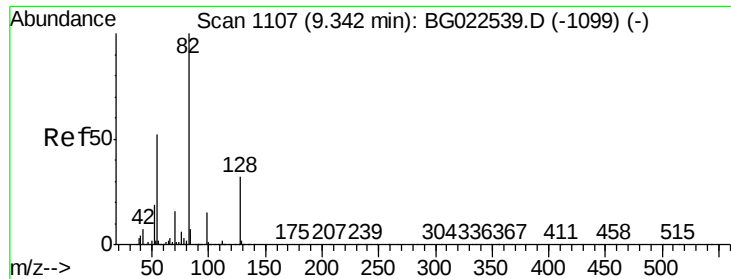
136 100

137 14.5 9.6 14.4#

54 16.7 7.3 10.9#

68 17.4 5.3 7.9#

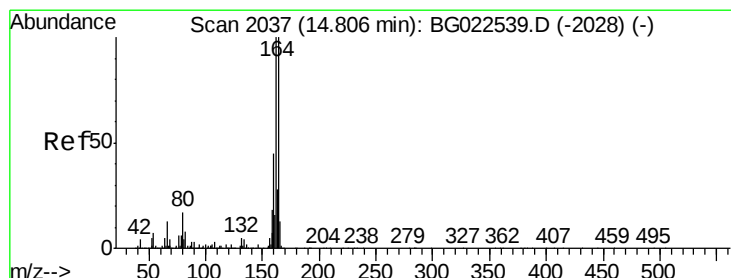
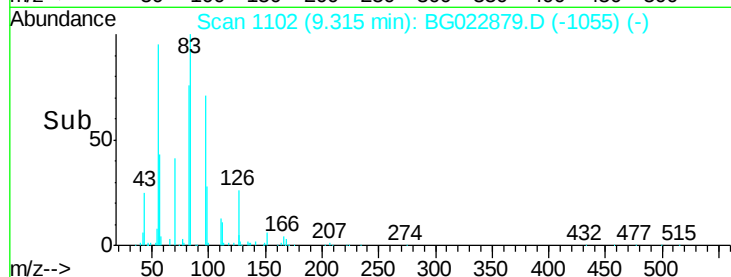
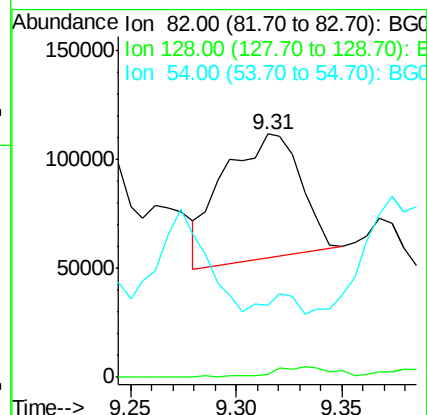
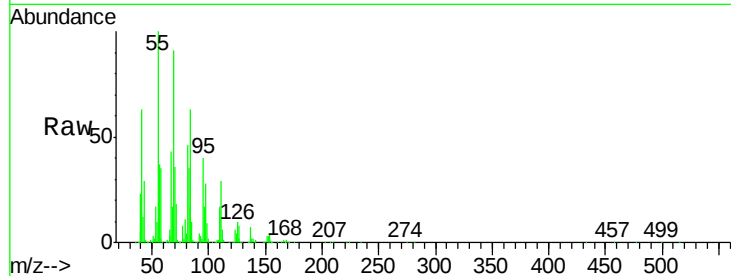




#23
 Nitrobenzene-d5
 Concen: 11.27 ng
 RT: 9.31 min Scan# 1102
 Delta R.T. -0.02 min
 Lab File: BG022879.D
 Acq: 6 Jul 2016 16:44

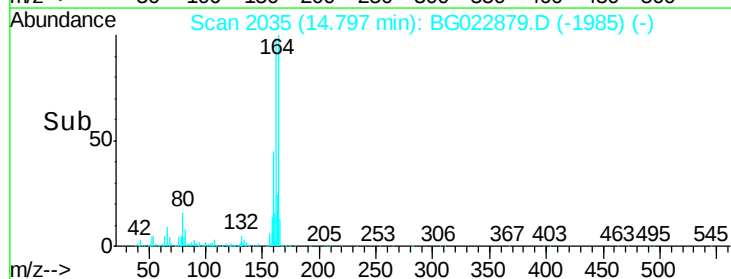
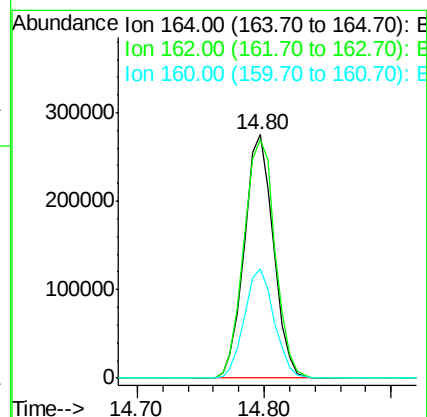
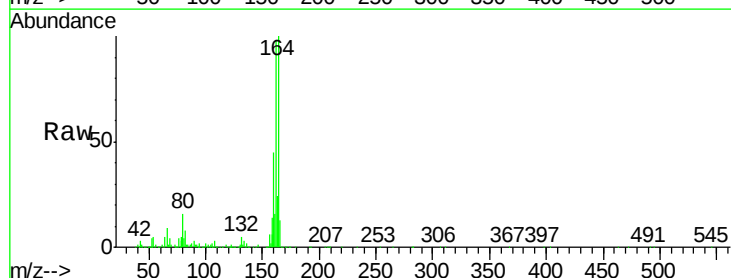
Instrument :
 BNA_G
 ClientSampleId :
 LAR9940

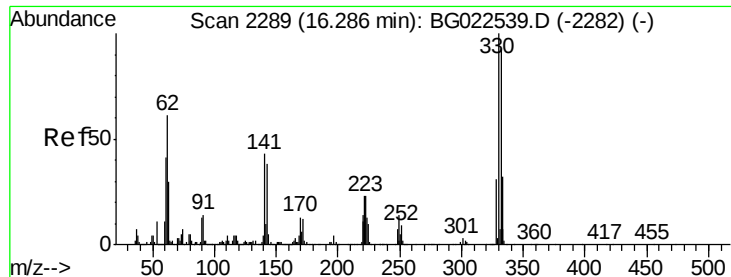
Tgt Ion	Resp	Lower	Upper
82	145754		
128	1.4	24.4	36.6#
54	29.5	41.4	62.0#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: BG022879.D
 Acq: 6 Jul 2016 16:44

Tgt Ion	Resp	Lower	Upper
164	437497		
162	97.8	87.7	131.5
160	44.9	37.2	55.8

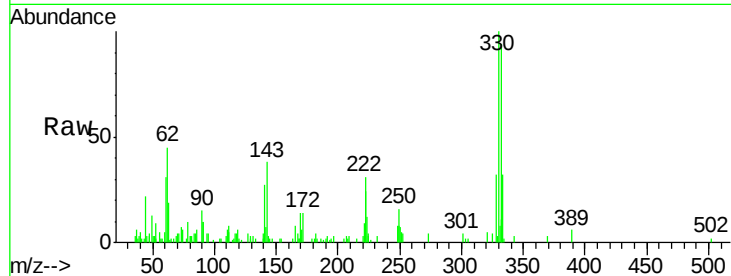




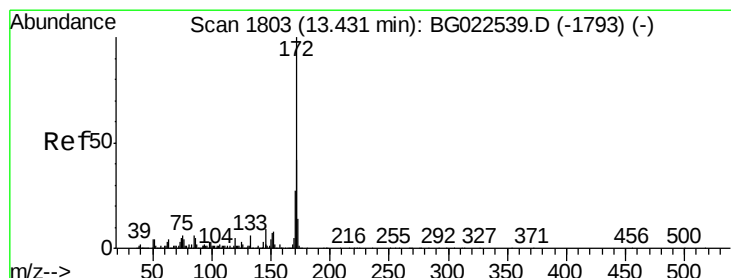
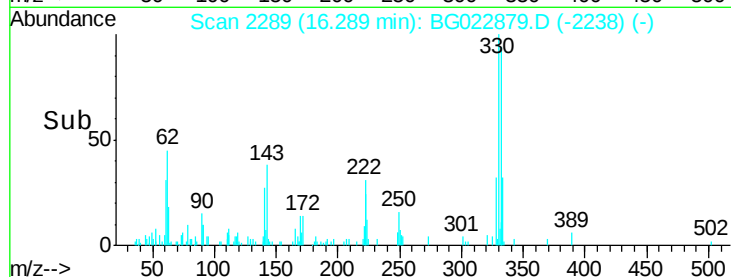
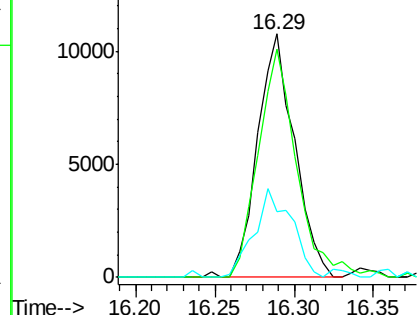
#41
 2,4,6-Tribromophenol
 Concen: 2.53 ng
 RT: 16.29 min Scan# 2289
 Delta R.T. 0.00 min
 Lab File: BG022879.D
 Acq: 6 Jul 2016 16:44

Instrument :
 BNA_G
 ClientSampleId :
 LAR9940

Tgt Ion:330 Resp: 17442
 Ion Ratio Lower Upper
 330 100
 332 98.1 77.4 116.2
 141 36.8 31.7 47.5

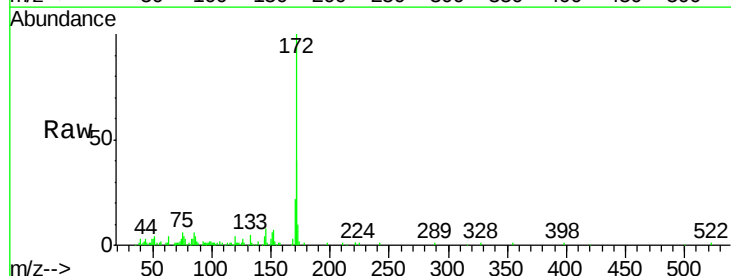


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

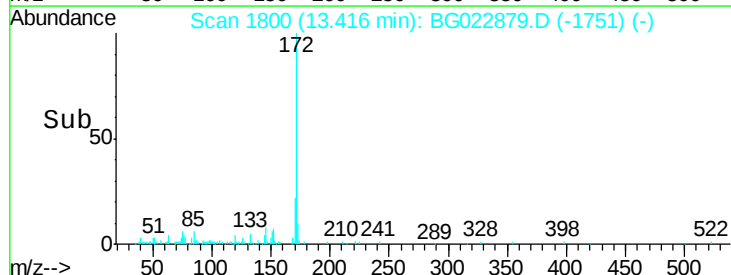
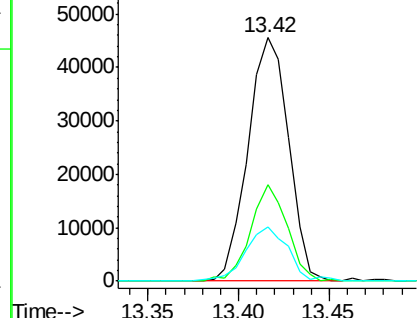


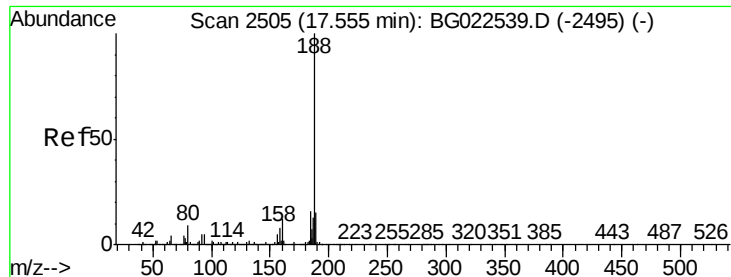
#44
 2-Fluorobiphenyl
 Concen: 2.57 ng
 RT: 13.42 min Scan# 1800
 Delta R.T. -0.01 min
 Lab File: BG022879.D
 Acq: 6 Jul 2016 16:44

Tgt Ion:172 Resp: 70856
 Ion Ratio Lower Upper
 172 100
 171 39.7 31.6 47.4
 170 22.4 21.3 31.9



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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.55 min Scan# 2503

Delta R.T. -0.00 min

Lab File: BG022879.D

Acq: 6 Jul 2016 16:44

Instrument :

BNA_G

ClientSampleId :

LAR9940

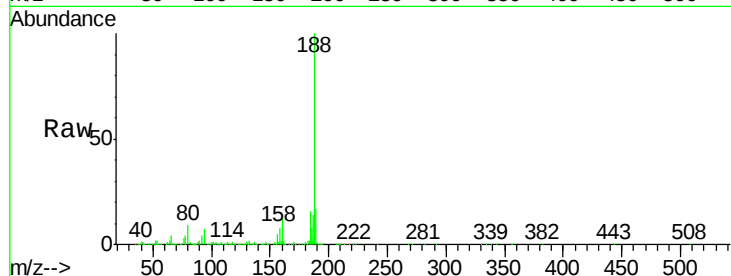
Tgt Ion:188 Resp: 1013622

Ion Ratio Lower Upper

188 100

94 7.0 5.2 7.8

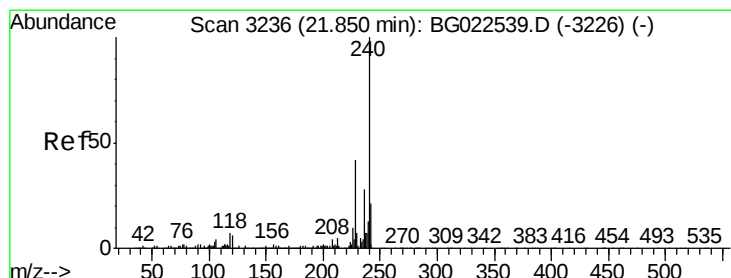
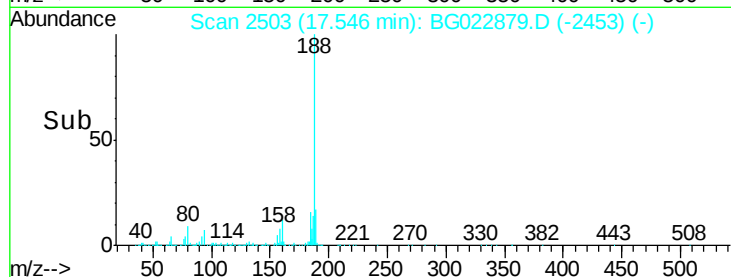
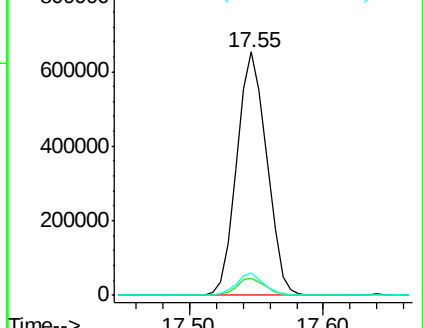
80 9.2 7.2 10.8



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: 21.84 min Scan# 3234

Delta R.T. -0.00 min

Lab File: BG022879.D

Acq: 6 Jul 2016 16:44

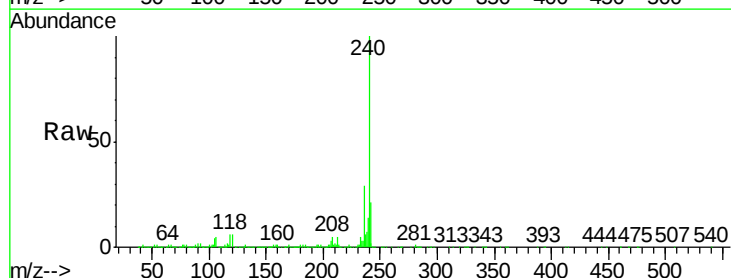
Tgt Ion:240 Resp: 1148922

Ion Ratio Lower Upper

240 100

120 5.8 4.1 6.1

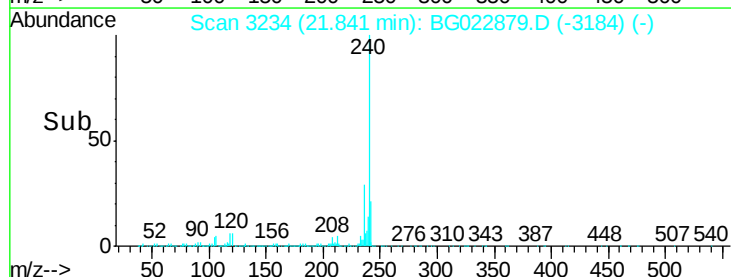
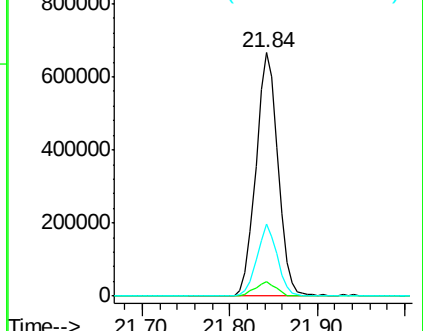
236 29.4 21.1 31.7

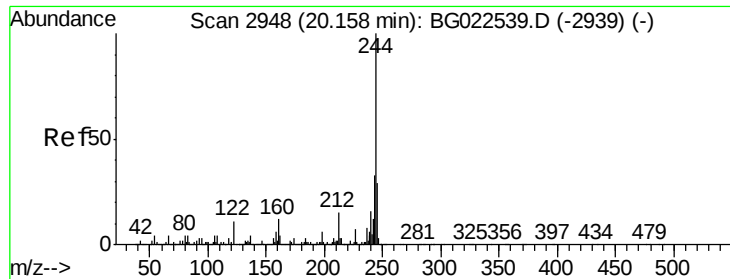


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 2.49 ng

RT: 20.14 min Scan# 2945

Delta R.T. -0.01 min

Lab File: BG022879.D

Acq: 6 Jul 2016 16:44

Instrument :

BNA_G

ClientSampled :

LAR9940

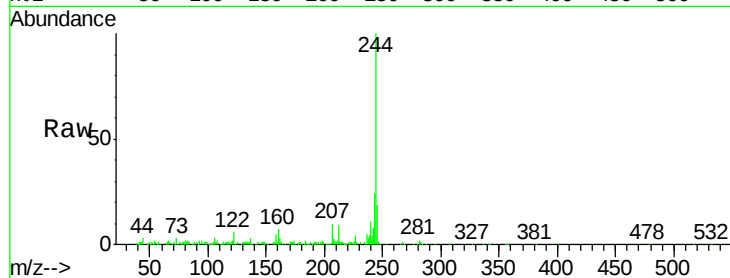
Tgt Ion:244 Resp: 108178

Ion Ratio Lower Upper

244 100

212 9.1 10.8 16.2#

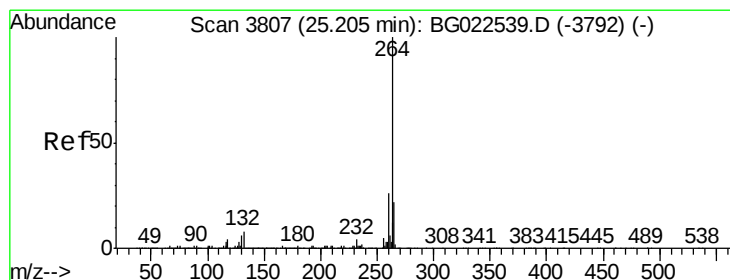
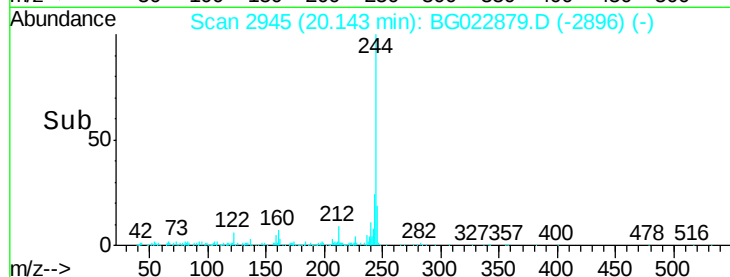
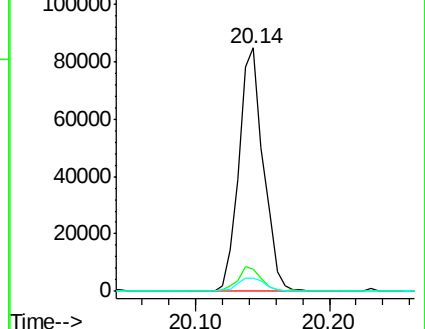
122 5.6 8.0 12.0#



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: 25.21 min Scan# 3807

Delta R.T. 0.00 min

Lab File: BG022879.D

Acq: 6 Jul 2016 16:44

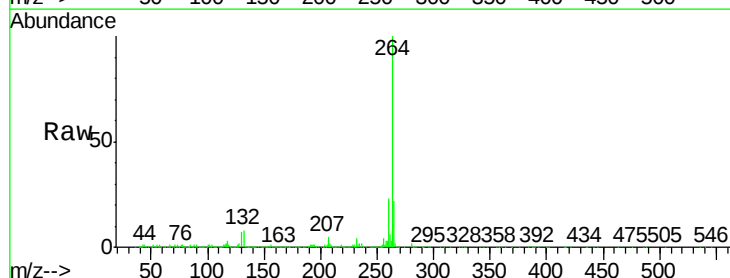
Tgt Ion:264 Resp: 1141130

Ion Ratio Lower Upper

264 100

260 22.6 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

