

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072716\
 Data File : BG023279.D
 Acq On : 27 Jul 2016 12:23
 Operator : UM/SJ
 Sample : PB92399BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB92399BL

Quant Time: Jul 28 02:05:01 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG072616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 27 17:30:33 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	183362	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	771630	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	501675	20.00	ng	0.00
63) Phenanthrene-d10	17.58	188	1262922	20.00	ng	0.00
75) Chrysene-d12	21.89	240	1303986	20.00	ng	0.00
86) Perylene-d12	25.31	264	1291266	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	752586	70.07	ng	0.00
7) Phenol-d6	7.30	99	1061105	64.35	ng	0.00
23) Nitrobenzene-d5	9.32	82	992600	62.91	ng	0.01
41) 2,4,6-Tribromophenol	16.31	330	360554	69.44	ng	0.00
44) 2-Fluorobiphenyl	13.43	172	2043846	76.25	ng	0.00
78) Terphenyl-d14	20.19	244	2744921	68.43	ng	0.00

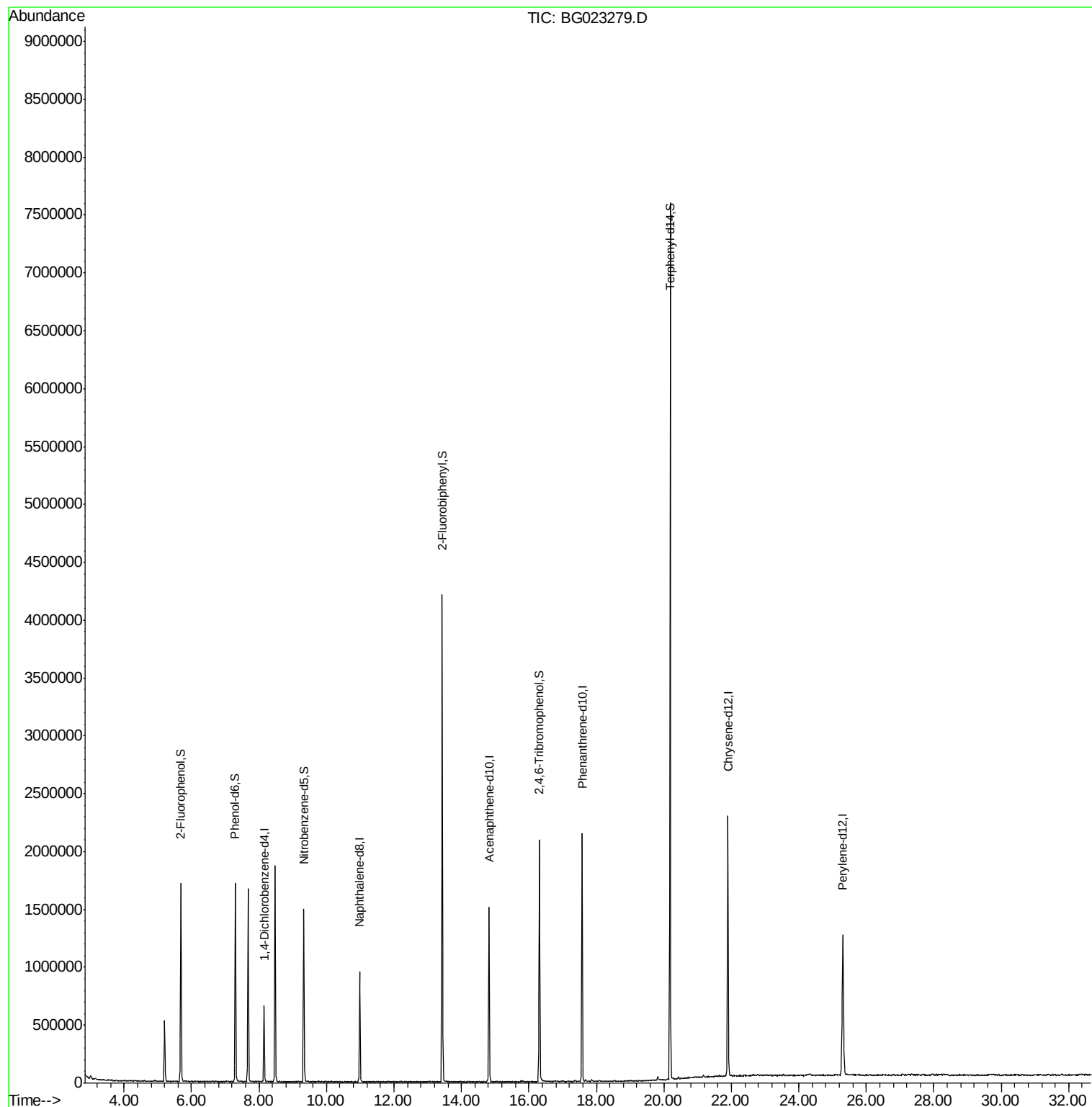
Target Compounds Qvalue

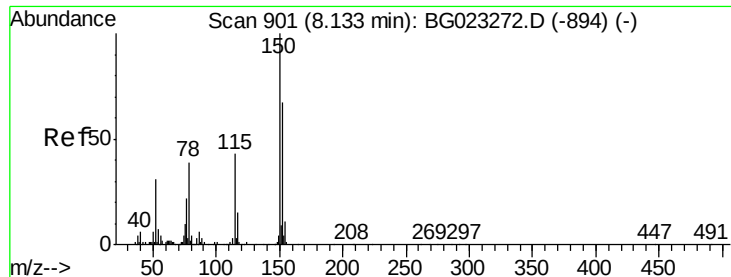
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.15 min Scan# 904

Delta R.T. 0.01 min

Lab File: BG023279.D

Acq: 27 Jul 2016 12:23

Instrument :

BNA_G

ClientSampleId :

PB92399BL

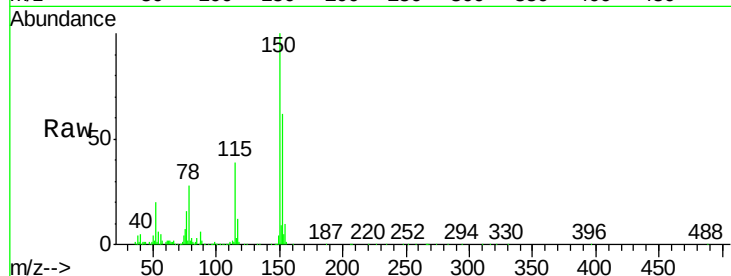
Tot Ion:152 Resp: 183362

Ion Ratio Lower Upper

152 100

150 161.7 144.7 217.1

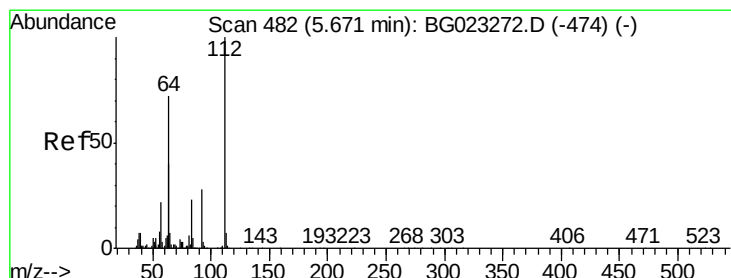
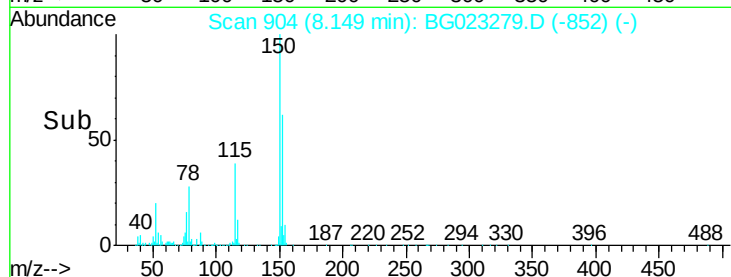
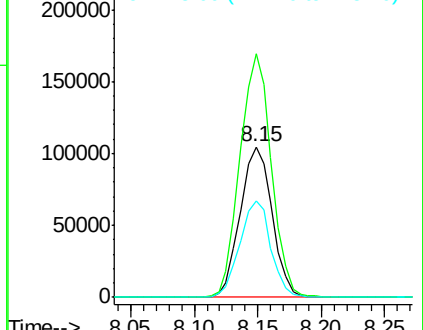
115 63.8 64.0 96.0#



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: 70.07 ng

RT: 5.68 min Scan# 484

Delta R.T. 0.01 min

Lab File: BG023279.D

Acq: 27 Jul 2016 12:23

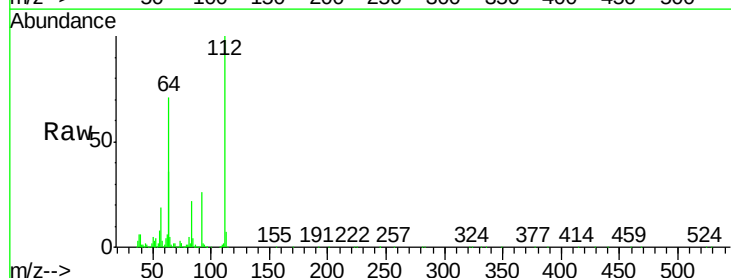
Tgt Ion:112 Resp: 752586

Ion Ratio Lower Upper

112 100

64 71.2 59.0 88.4

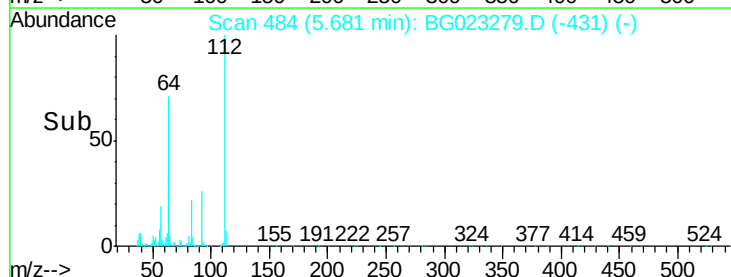
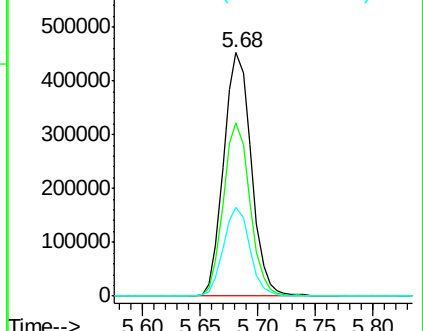
63 36.3 37.8 56.8#

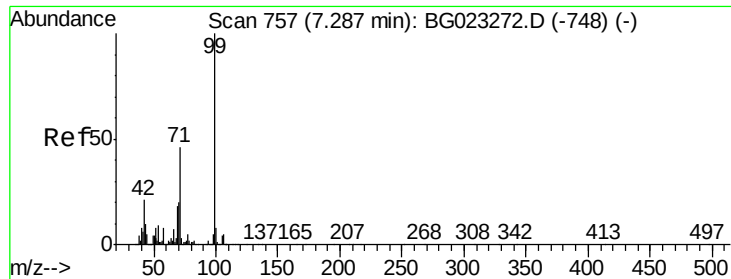


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 64.35 ng

RT: 7.30 min Scan# 759

Delta R.T. 0.01 min

Lab File: BG023279.D

Acq: 27 Jul 2016 12:23

Instrument :

BNA_G

ClientSampleId :

PB92399BL

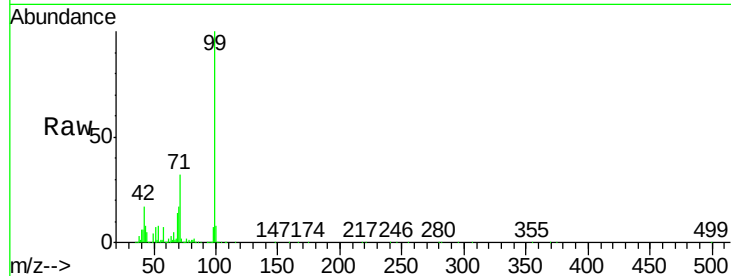
Tot Ion: 99 Resp: 1061105

Ion Ratio Lower Upper

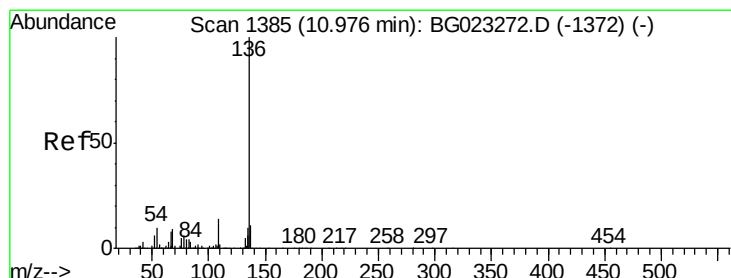
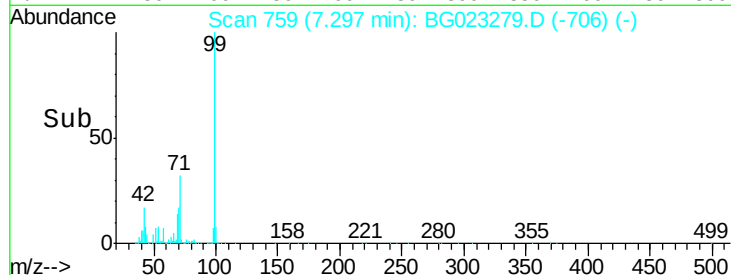
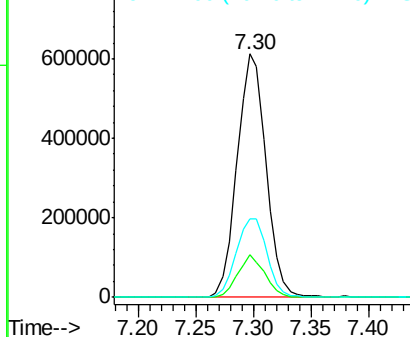
99 100

42 17.4 17.8 26.6#

71 32.0 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. 0.01 min

Lab File: BG023279.D

Acq: 27 Jul 2016 12:23

Tgt Ion: 136 Resp: 771630

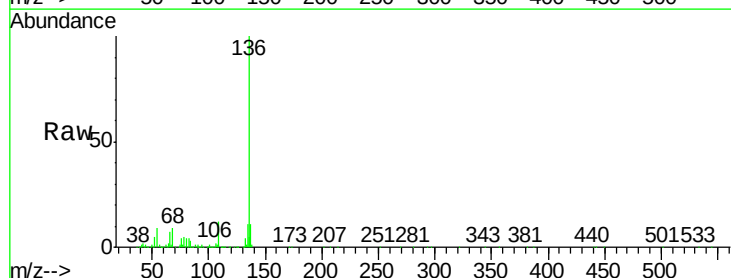
Ion Ratio Lower Upper

136 100

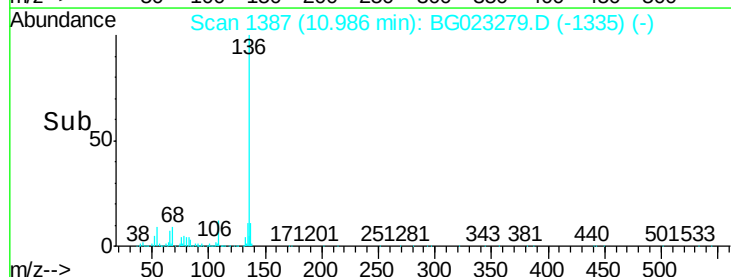
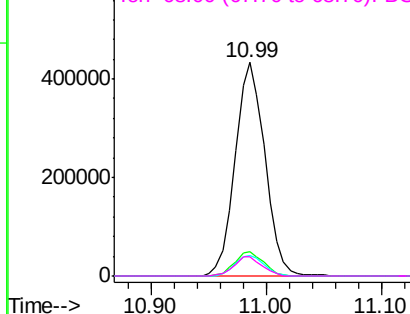
137 11.2 9.6 14.4

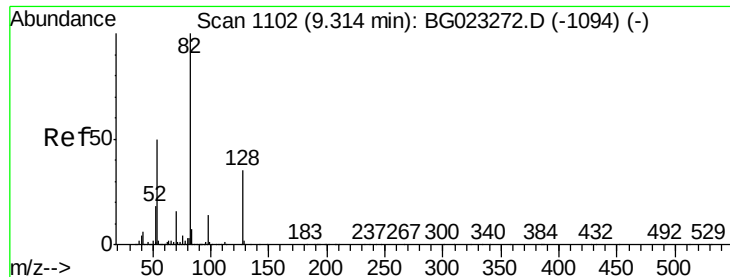
54 9.4 7.3 10.9

68 8.8 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

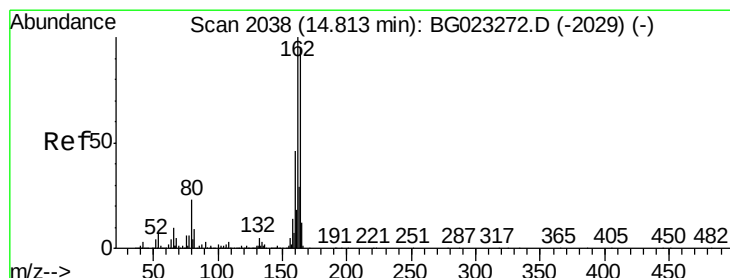
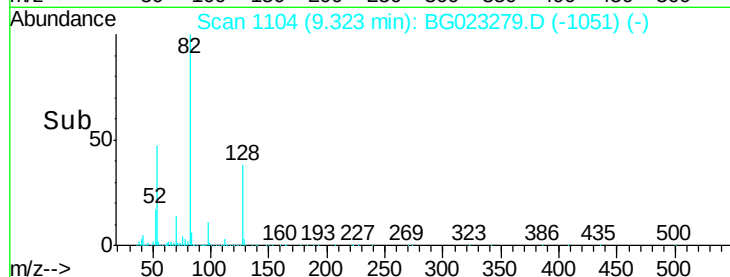
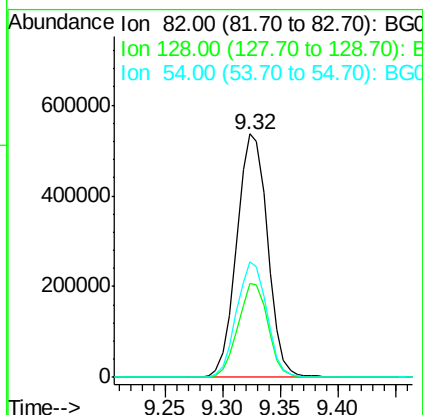
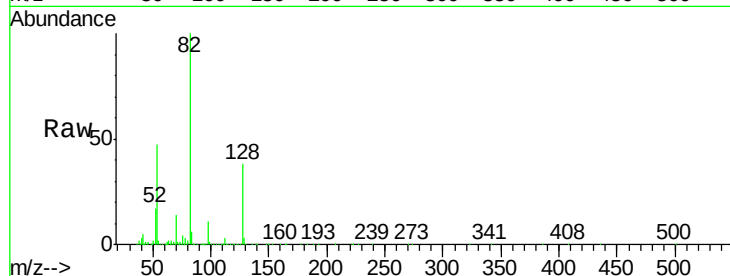




#23
 Nitrobenzene-d5
 Concen: 62.91 ng
 RT: 9.32 min Scan# 1104
 Delta R.T. 0.01 min
 Lab File: BG023279.D
 Acq: 27 Jul 2016 12:23

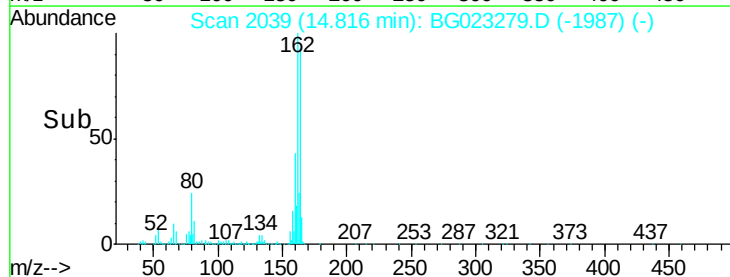
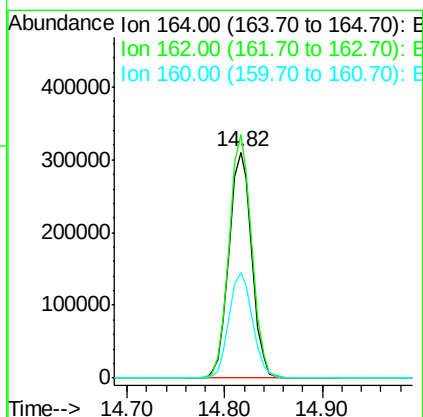
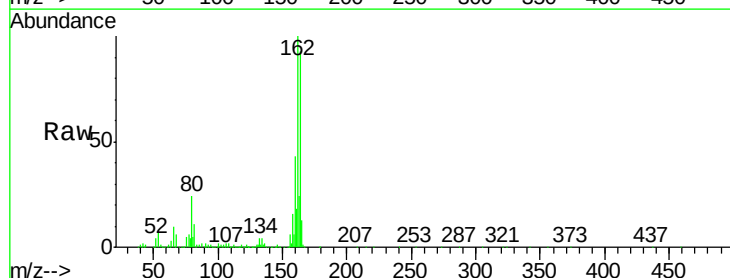
Instrument :
 BNA_G
 ClientSampleId :
 PB92399BL

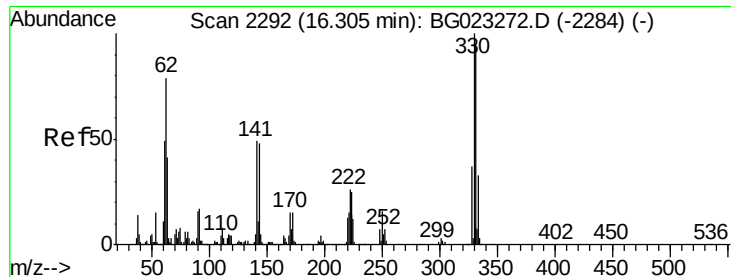
Tot Ion	82	Resp	992600
Ion Ratio	Lower	Upper	
82	100		
128	38.4	24.4	36.6#
54	47.3	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.82 min Scan# 2039
 Delta R.T. 0.01 min
 Lab File: BG023279.D
 Acq: 27 Jul 2016 12:23

Tgt Ion	164	Resp	501675
Ion Ratio	Lower	Upper	
164	100		
162	107.8	87.7	131.5
160	46.8	37.2	55.8

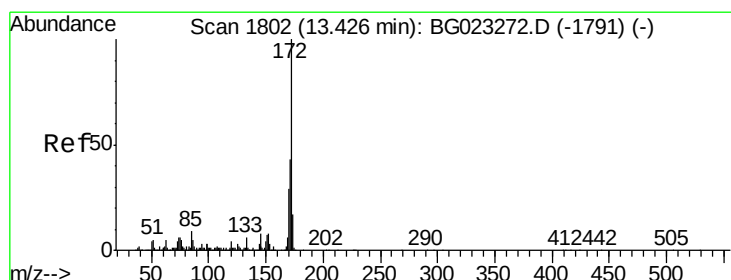
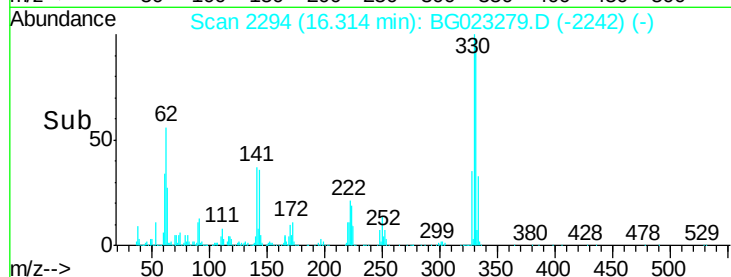
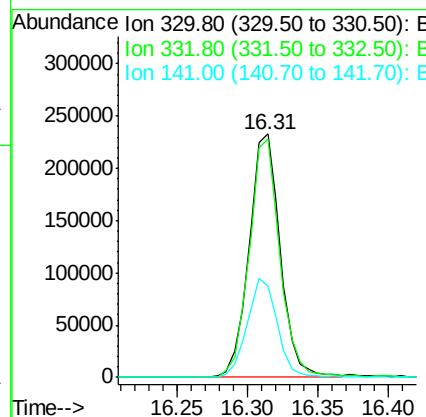
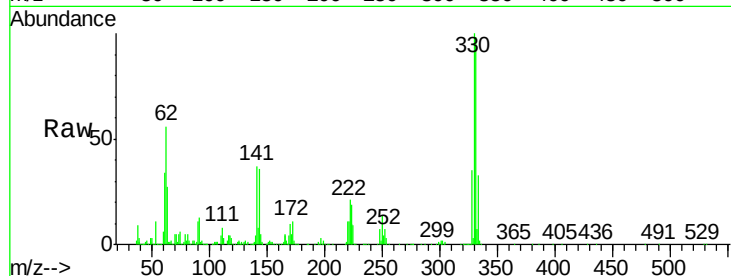




#41
 2,4,6-Tribromophenol
 Concen: 69.44 ng
 RT: 16.31 min Scan# 2294
 Delta R.T. 0.01 min
 Lab File: BG023279.D
 Acq: 27 Jul 2016 12:23

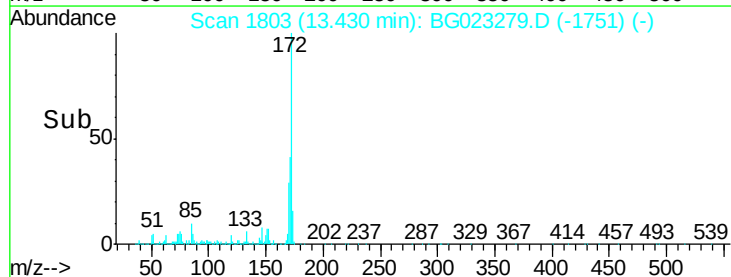
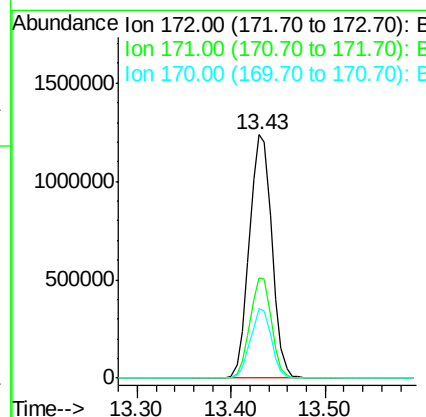
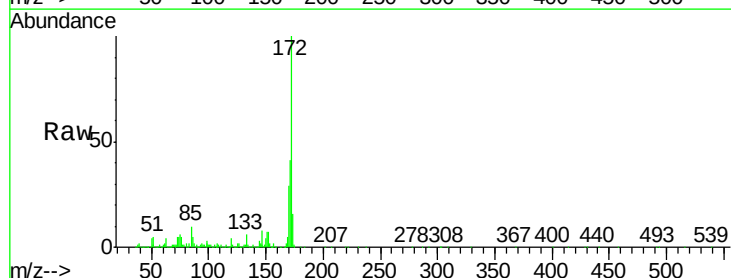
Instrument :
 BNA_G
 ClientSampleId :
 PB92399BL

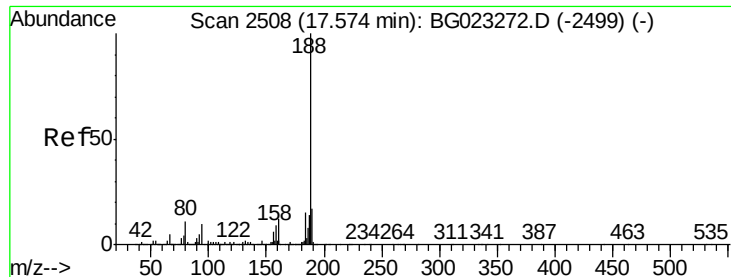
Tot Ion:330 Resp: 360554
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.4 116.2
 141 39.3 31.7 47.5



#44
 2-Fluorobiphenyl
 Concen: 76.25 ng
 RT: 13.43 min Scan# 1803
 Delta R.T. 0.01 min
 Lab File: BG023279.D
 Acq: 27 Jul 2016 12:23

Tgt Ion:172 Resp: 2043846
 Ion Ratio Lower Upper
 172 100
 171 41.3 31.6 47.4
 170 28.5 21.3 31.9

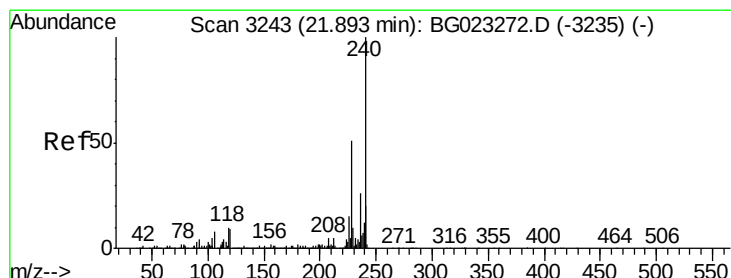
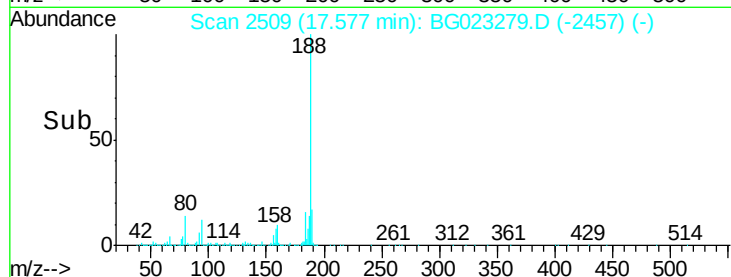
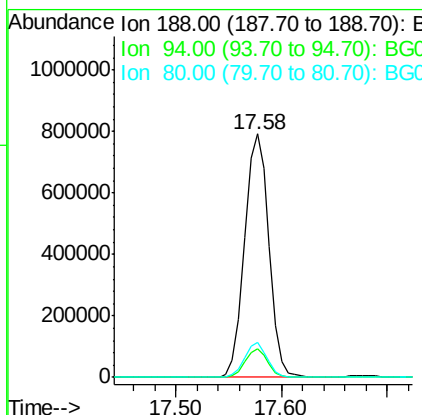
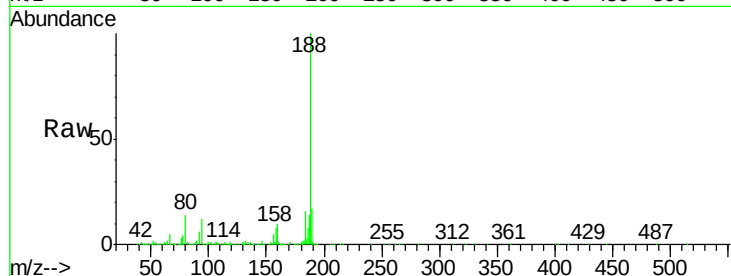




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.58 min Scan# 2509
Delta R.T. 0.01 min
Lab File: BG023279.D
Acq: 27 Jul 2016 12:23

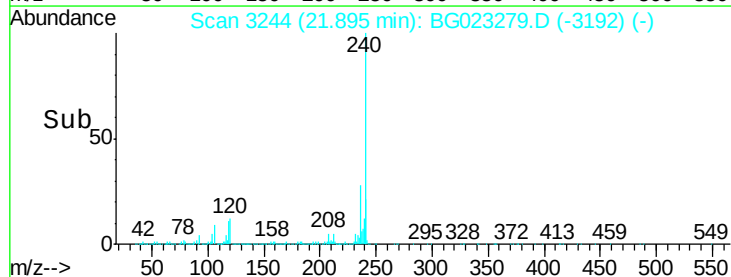
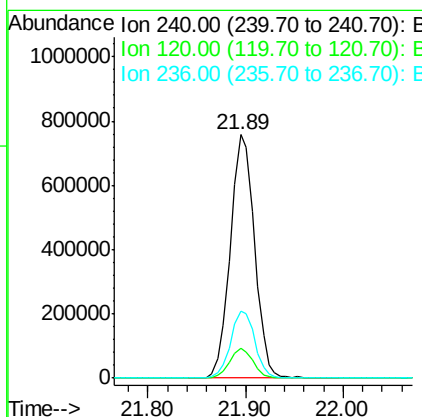
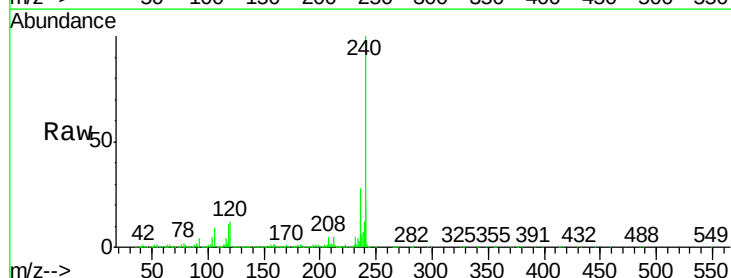
Instrument :
BNA_G
ClientSampled :
PB92399BL

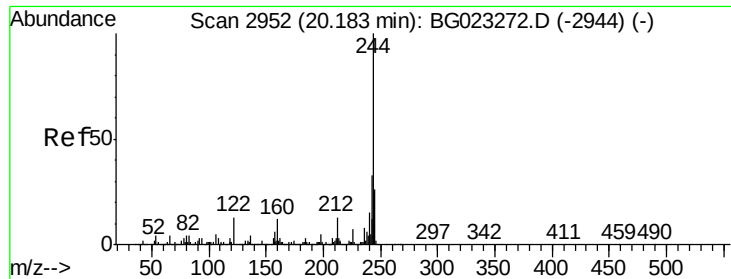
Tot Ion:188 Resp: 1262922
Ion Ratio Lower Upper
188 100
94 11.6 5.2 7.8#
80 14.4 7.2 10.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.89 min Scan# 3244
Delta R.T. 0.01 min
Lab File: BG023279.D
Acq: 27 Jul 2016 12:23

Tgt Ion:240 Resp: 1303986
Ion Ratio Lower Upper
240 100
120 12.3 4.1 6.1#
236 27.7 21.1 31.7





#78

Terphenyl-d14

Concen: 68.43 ng

RT: 20.19 min Scan# 2953

Delta R.T. 0.01 min

Lab File: BG023279.D

Acq: 27 Jul 2016 12:23

Instrument :

BNA_G

ClientSampleId :

PB92399BL

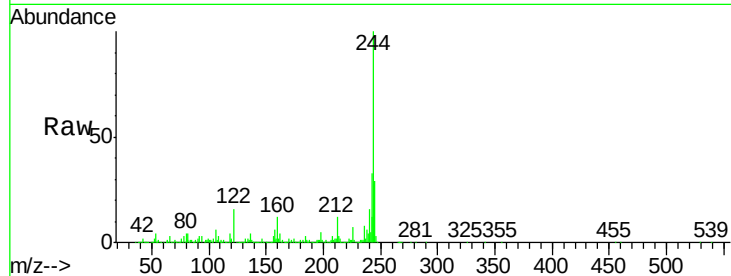
Tot Ion:244 Resp: 2744921

Ion Ratio Lower Upper

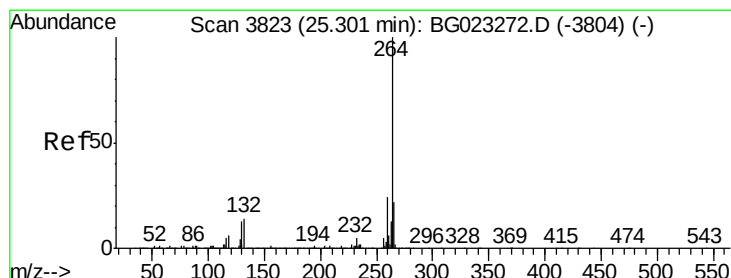
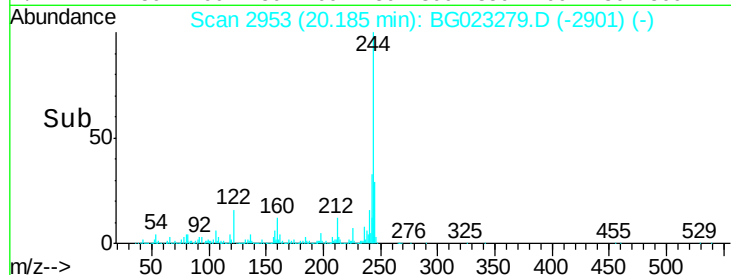
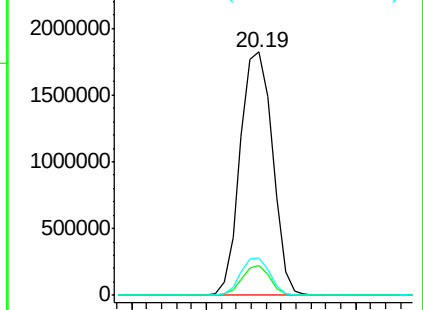
244 100

212 12.1 10.8 16.2

122 15.6 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: 25.31 min Scan# 3825

Delta R.T. 0.01 min

Lab File: BG023279.D

Acq: 27 Jul 2016 12:23

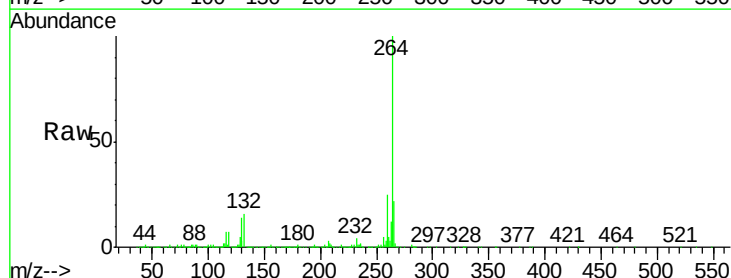
Tgt Ion:264 Resp: 1291266

Ion Ratio Lower Upper

264 100

260 24.9 18.4 27.6

265 21.8 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

