

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071516\
 Data File : BG023129.D
 Acq On : 16 Jul 2016 2:56
 Operator : UM/SJ
 Sample : PB92160BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB92160BL

Quant Time: Jul 16 05:04:38 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 12 18:30:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	91812	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	451853	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	361113	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	847626	20.00	ng	0.00
75) Chrysene-d12	21.85	240	931553	20.00	ng	0.00
86) Perylene-d12	25.24	264	885821	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	786248	140.06	ng	0.00
7) Phenol-d6	7.31	99	1230426	139.94	ng	0.00
23) Nitrobenzene-d5	9.32	82	911703	86.40	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	630853	97.20	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1891375	82.50	ng	0.00
78) Terphenyl-d14	20.16	244	2814332	104.64	ng	0.00

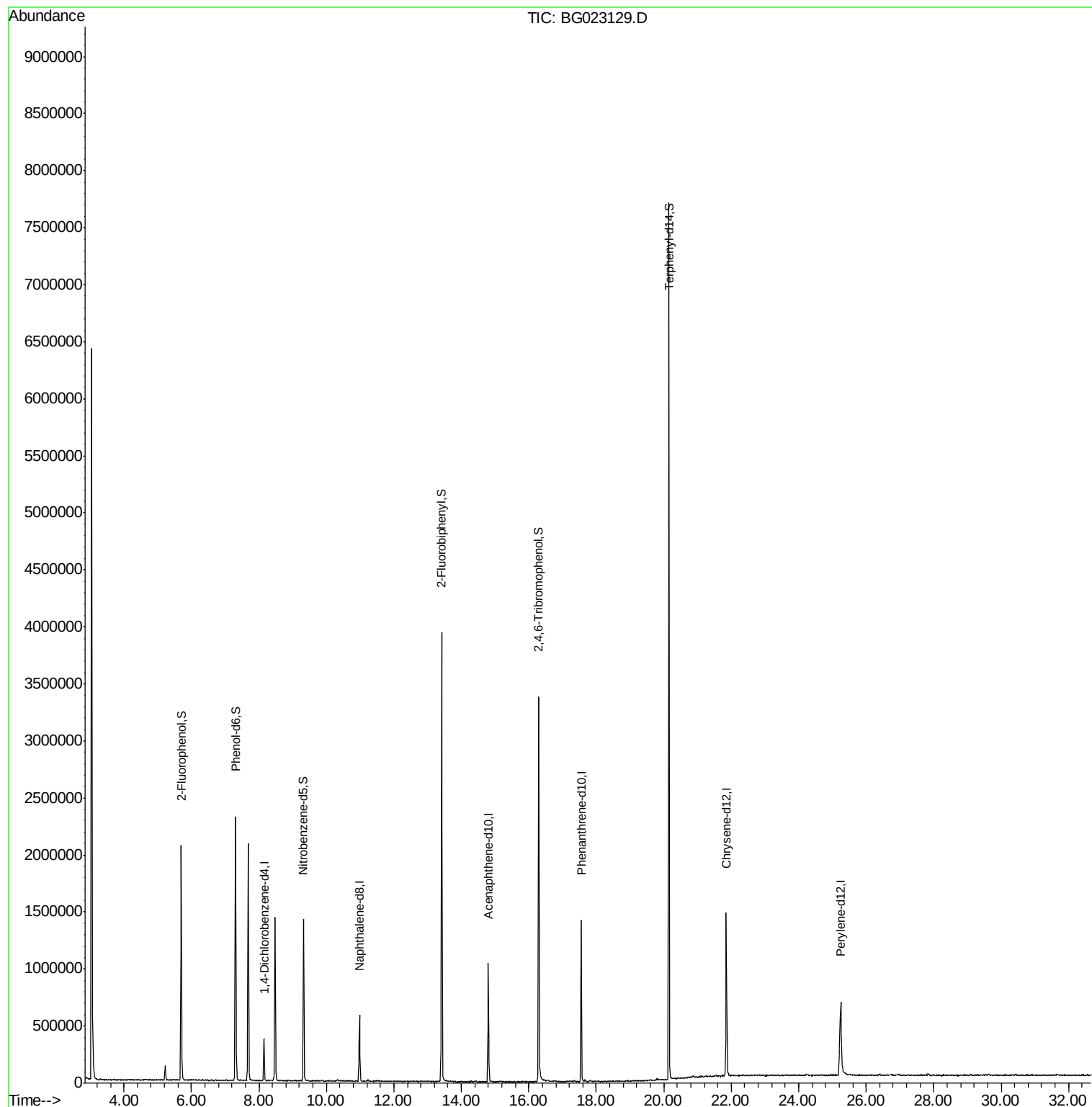
Target Compounds	Qvalue
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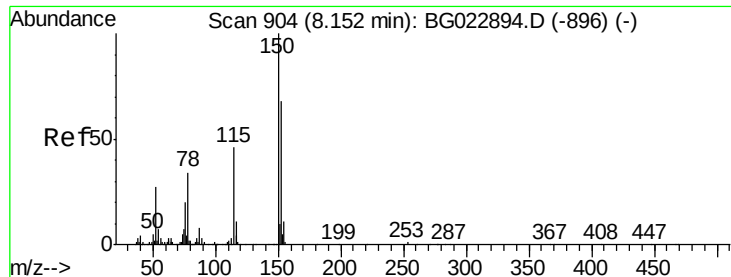
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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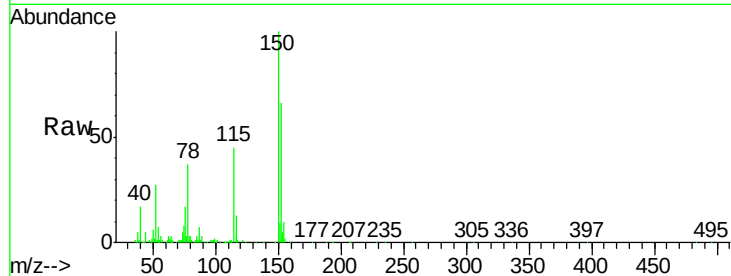


#1

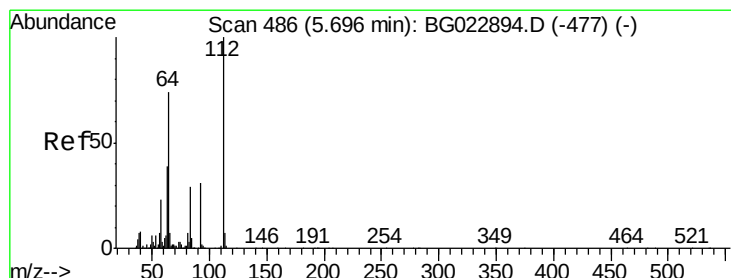
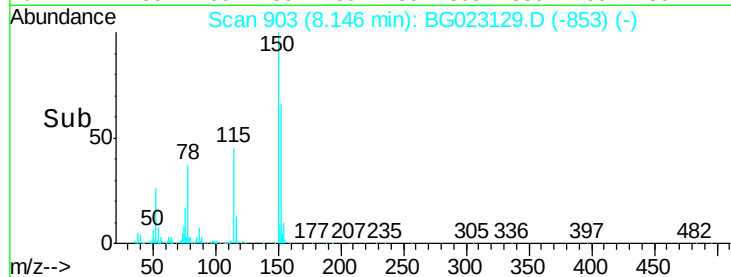
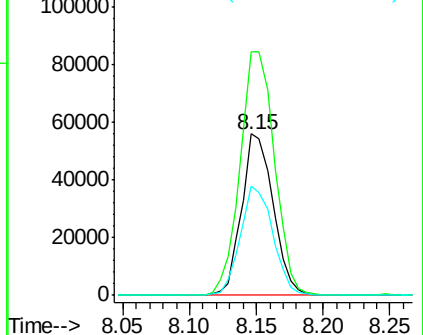
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.15 min Scan# 903
Delta R.T. -0.01 min
Lab File: BG023129.D
Acq: 16 Jul 2016 2:56

Instrument :
BNA_G
ClientSampled :
PB92160BL

Tgt Ion:152 Resp: 91812
Ion Ratio Lower Upper
152 100
150 150.7 144.7 217.1
115 67.9 64.0 96.0



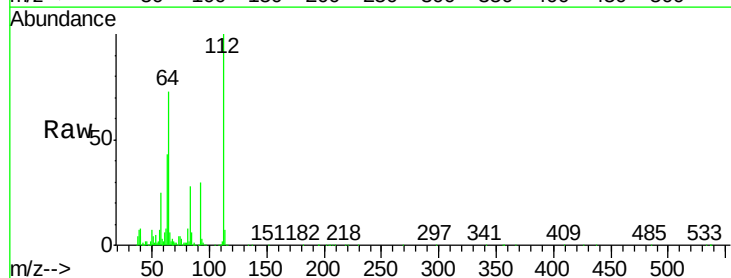
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



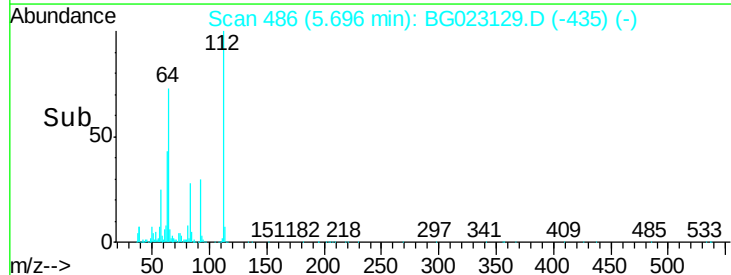
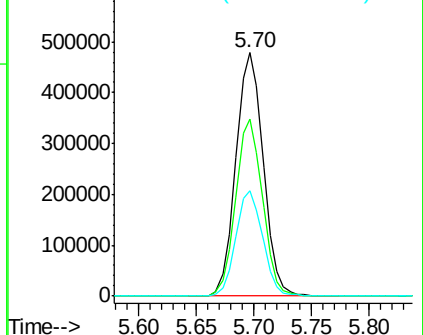
#5

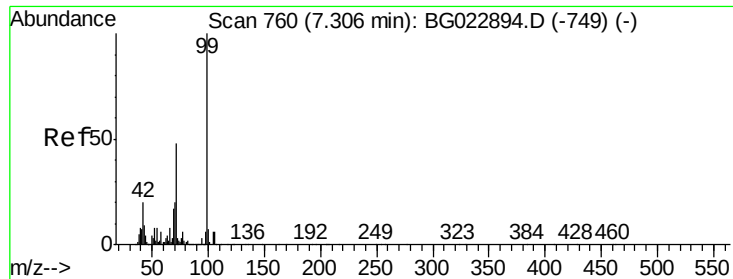
2-Fluorophenol
Concen: 140.06 ng
RT: 5.70 min Scan# 486
Delta R.T. 0.00 min
Lab File: BG023129.D
Acq: 16 Jul 2016 2:56

Tgt Ion:112 Resp: 786248
Ion Ratio Lower Upper
112 100
64 72.9 59.0 88.4
63 43.1 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: 139.94 ng

RT: 7.31 min Scan# 760

Delta R.T. 0.00 min

Lab File: BG023129.D

Acq: 16 Jul 2016 2:56

Instrument :

BNA_G

ClientSampleId :

PB92160BL

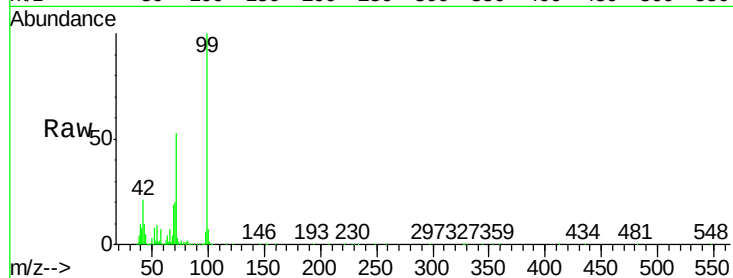
Tgt Ion: 99 Resp: 1230426

Ion Ratio Lower Upper

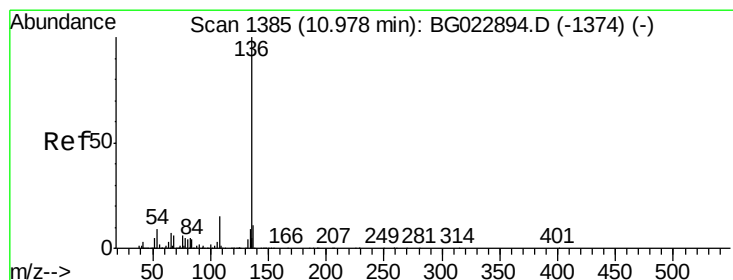
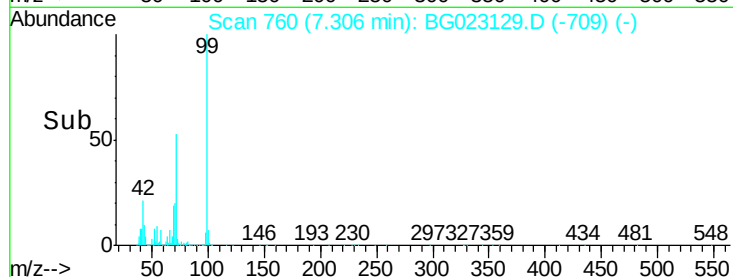
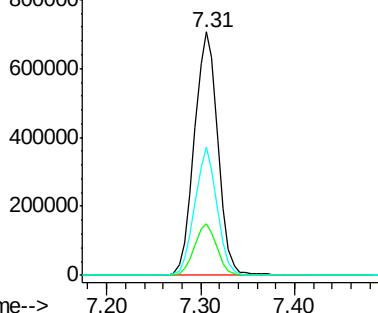
99 100

42 21.0 17.8 26.6

71 52.8 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: 10.98 min Scan# 1385

Delta R.T. 0.00 min

Lab File: BG023129.D

Acq: 16 Jul 2016 2:56

Tgt Ion: 136 Resp: 451853

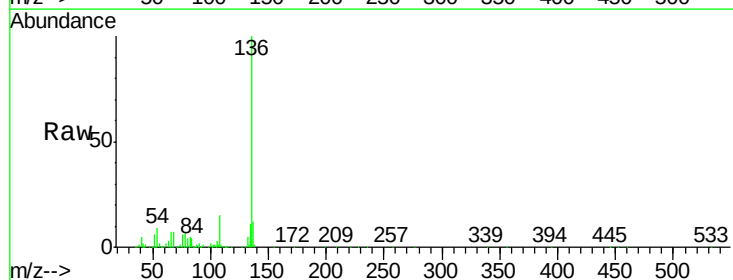
Ion Ratio Lower Upper

136 100

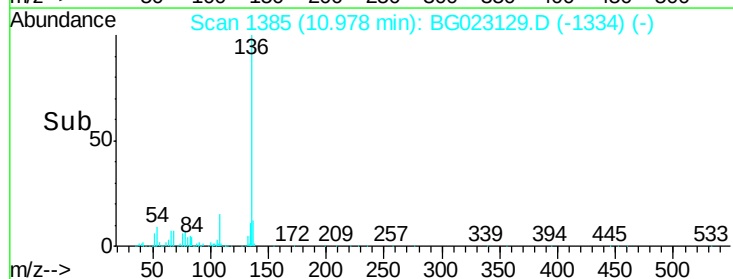
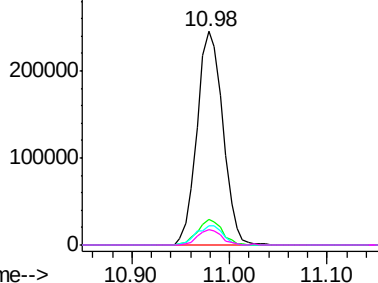
137 12.0 9.6 14.4

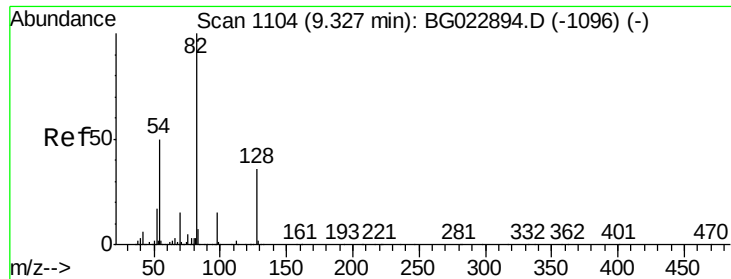
54 8.8 7.3 10.9

68 7.1 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

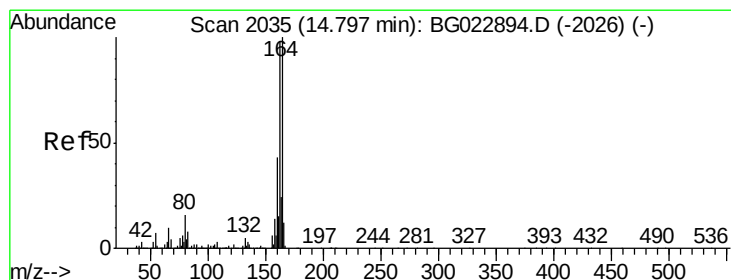
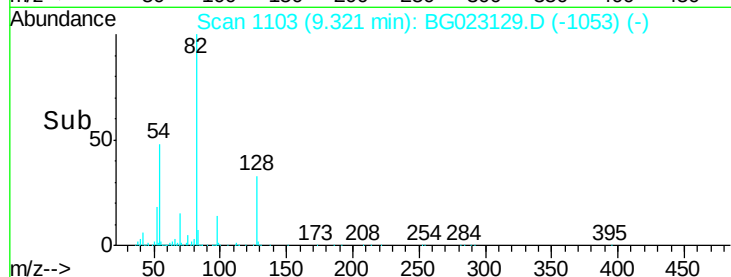
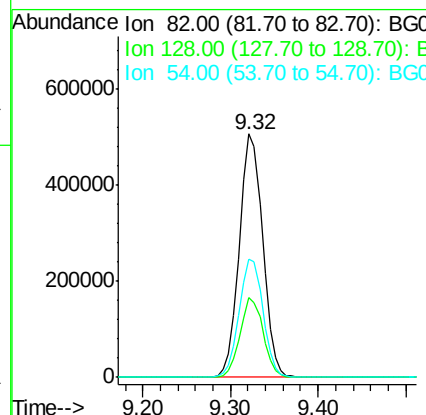
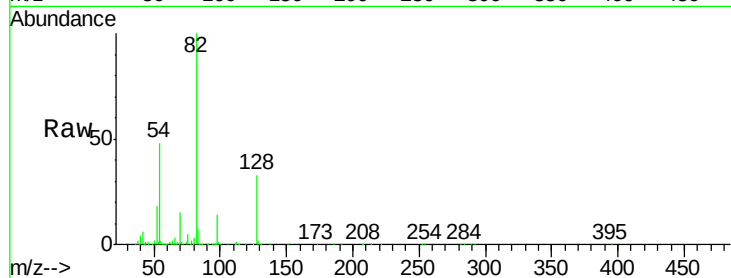




#23
 Nitrobenzene-d5
 Concen: 86.40 ng
 RT: 9.32 min Scan# 1103
 Delta R.T. -0.01 min
 Lab File: BG023129.D
 Acq: 16 Jul 2016 2:56

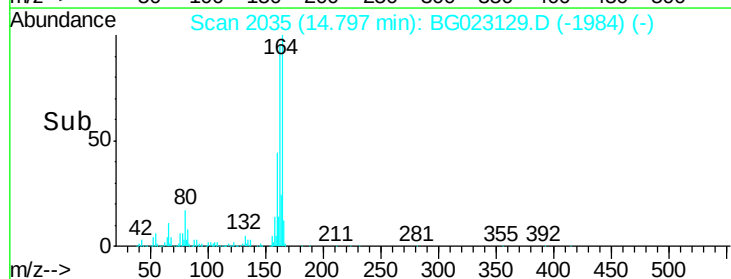
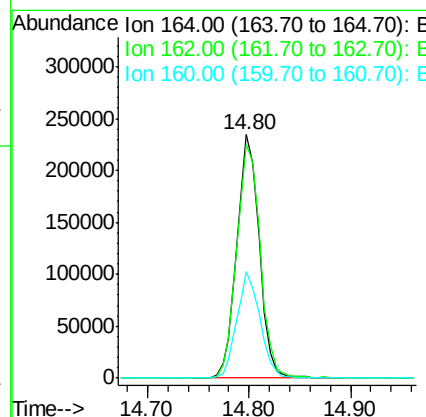
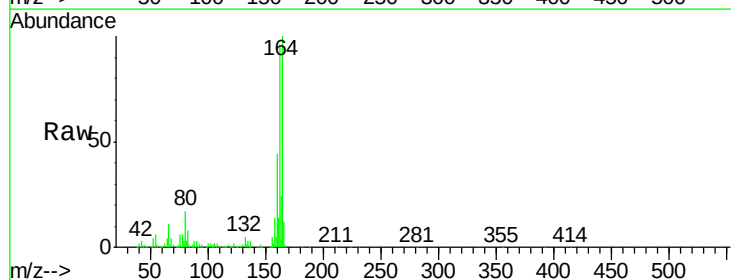
Instrument :
 BNA_G
 ClientSampleId :
 PB92160BL

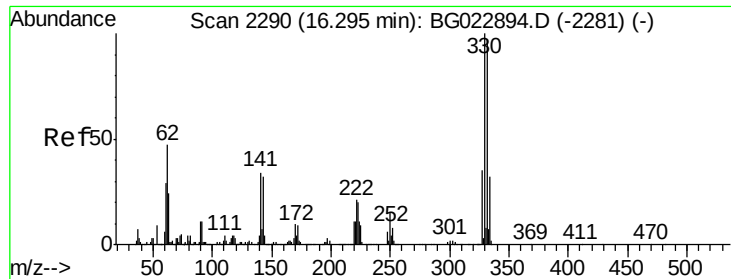
Tgt Ion	Ratio	Lower	Upper
82	100		
128	32.5	24.4	36.6
54	48.4	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: BG023129.D
 Acq: 16 Jul 2016 2:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.1	87.7	131.5
160	43.7	37.2	55.8

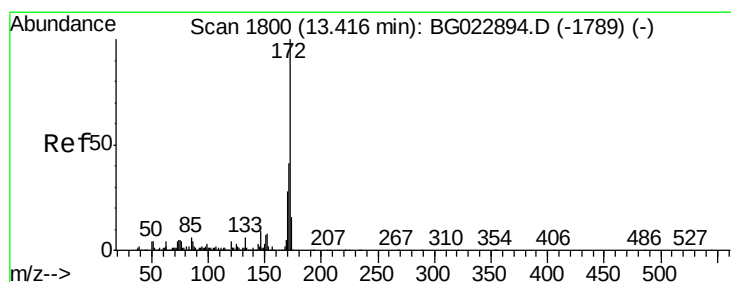
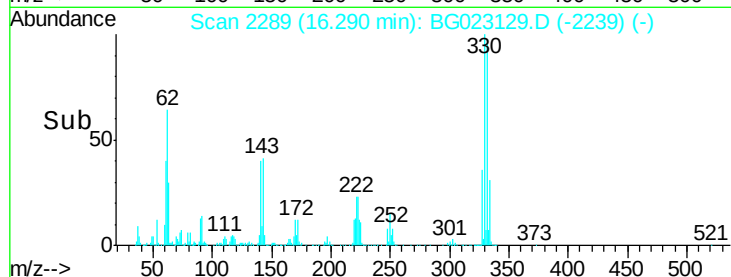
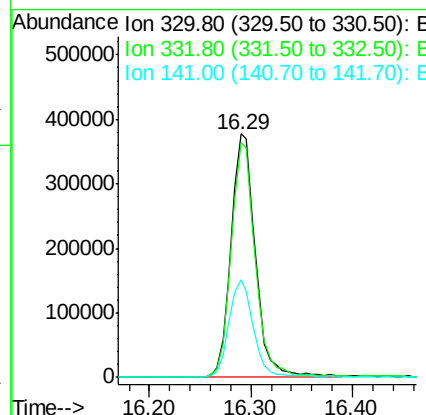
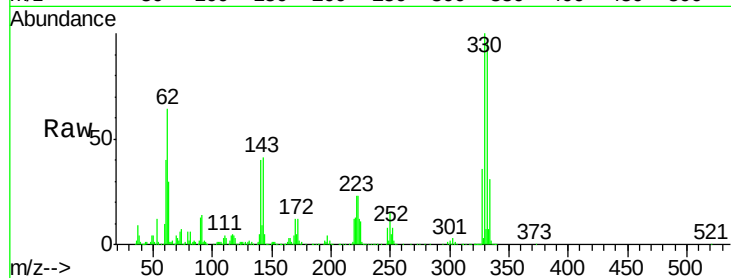




#41
 2,4,6-Tribromophenol
 Concen: 97.20 ng
 RT: 16.29 min Scan# 2289
 Delta R.T. -0.01 min
 Lab File: BG023129.D
 Acq: 16 Jul 2016 2:56

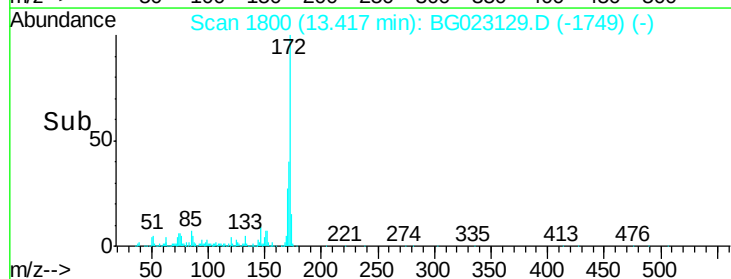
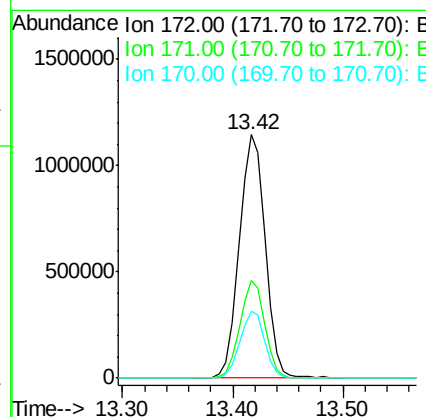
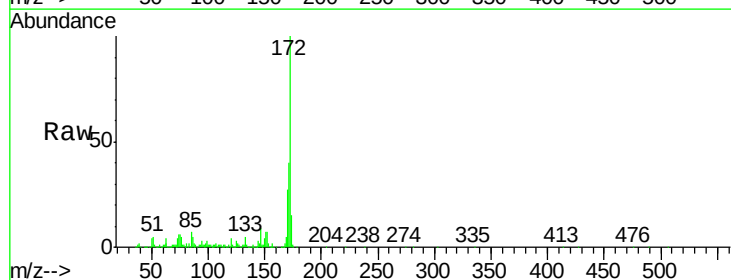
Instrument :
 BNA_G
 ClientSampleId :
 PB92160BL

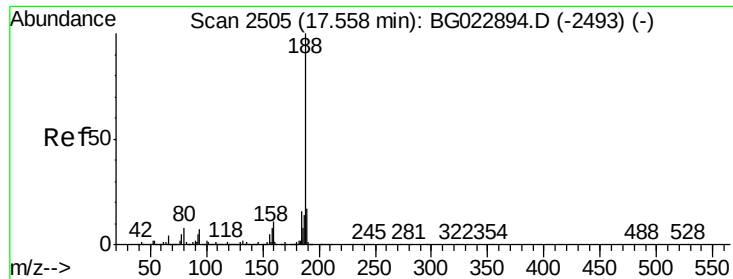
Tgt Ion:330 Resp: 630853
 Ion Ratio Lower Upper
 330 100
 332 94.4 77.4 116.2
 141 40.1 31.7 47.5



#44
 2-Fluorobiphenyl
 Concen: 82.50 ng
 RT: 13.42 min Scan# 1800
 Delta R.T. 0.00 min
 Lab File: BG023129.D
 Acq: 16 Jul 2016 2:56

Tgt Ion:172 Resp: 1891375
 Ion Ratio Lower Upper
 172 100
 171 40.3 31.6 47.4
 170 27.5 21.3 31.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.55 min Scan# 2504

Delta R.T. -0.01 min

Lab File: BG023129.D

Acq: 16 Jul 2016 2:56

Instrument :

BNA_G

ClientSampleId :

PB92160BL

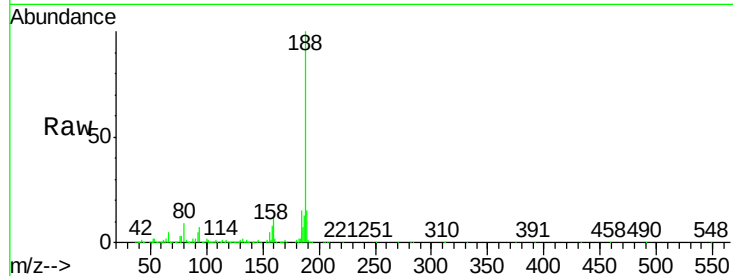
Tgt Ion:188 Resp: 847626

Ion Ratio Lower Upper

188 100

94 6.9 5.2 7.8

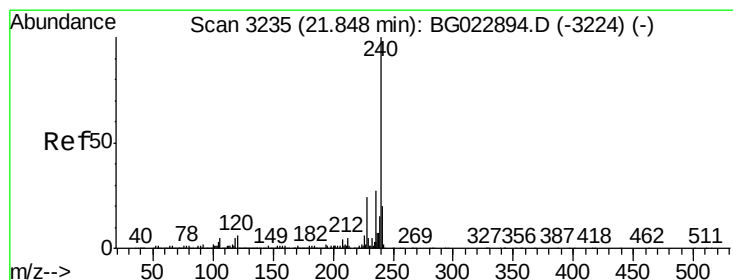
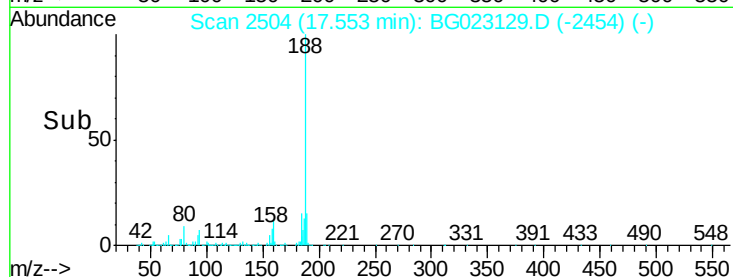
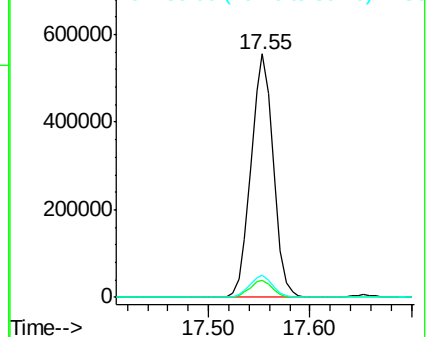
80 9.1 7.2 10.8



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# 3236

Delta R.T. 0.01 min

Lab File: BG023129.D

Acq: 16 Jul 2016 2:56

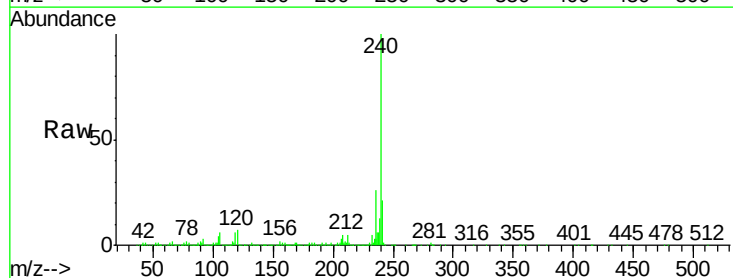
Tgt Ion:240 Resp: 931553

Ion Ratio Lower Upper

240 100

120 6.6 4.1 6.1#

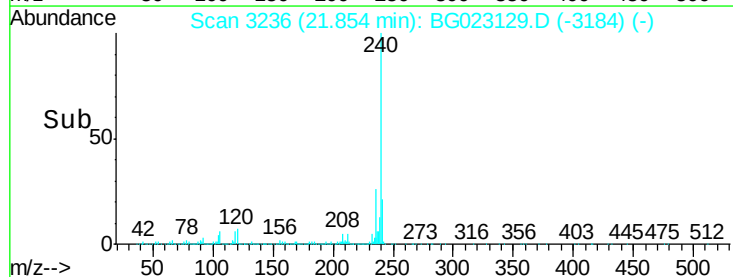
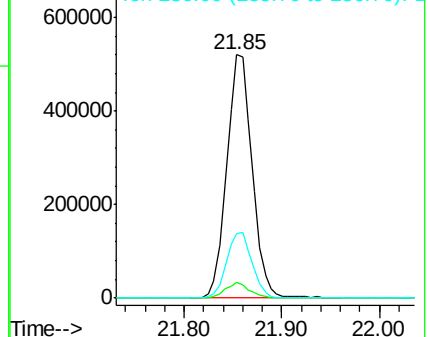
236 26.2 21.1 31.7

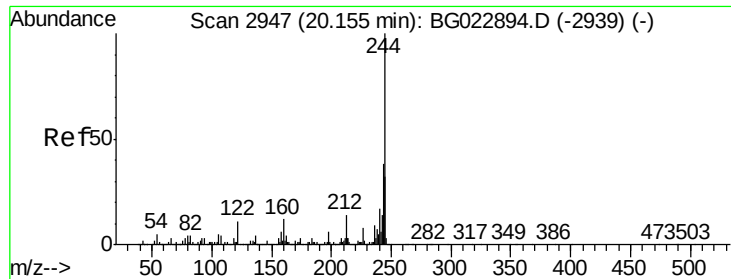


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 104.64 ng

RT: 20.16 min Scan# 2947

Delta R.T. 0.00 min

Lab File: BG023129.D

Acq: 16 Jul 2016 2:56

Instrument :

BNA_G

ClientSampleId :

PB92160BL

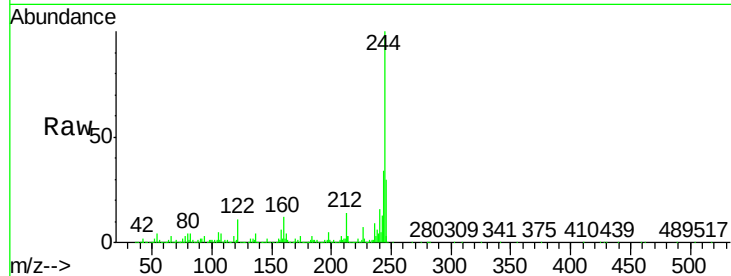
Tgt Ion:244 Resp: 2814332

Ion Ratio Lower Upper

244 100

212 14.0 10.8 16.2

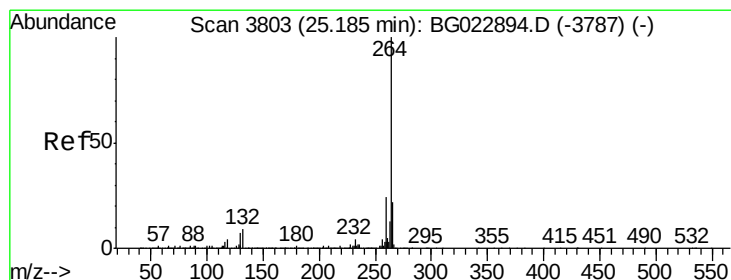
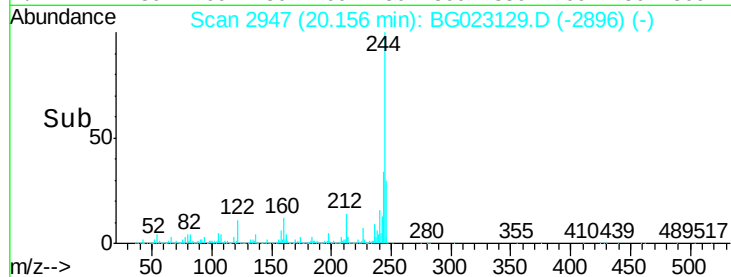
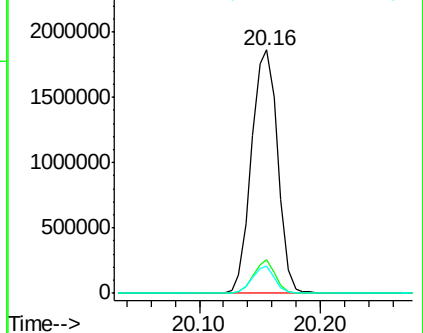
122 11.0 8.0 12.0



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: 25.24 min Scan# 3813

Delta R.T. 0.06 min

Lab File: BG023129.D

Acq: 16 Jul 2016 2:56

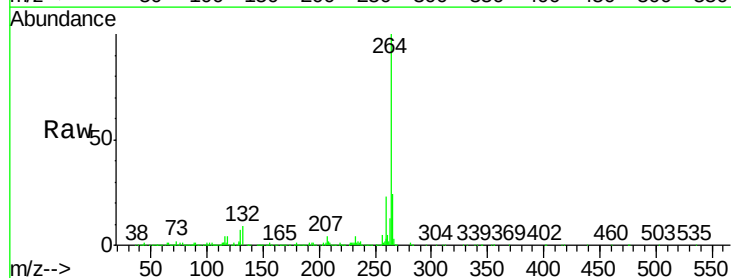
Tgt Ion:264 Resp: 885821

Ion Ratio Lower Upper

264 100

260 22.7 18.4 27.6

265 23.8 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

