

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071916\
 Data File : BG023176.D
 Acq On : 19 Jul 2016 14:47
 Operator : UM/SJ
 Sample : PB92224BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB92224BL

Quant Time: Jul 20 01:06:39 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 19 15:46:37 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	101298	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	480514	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	382581	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	899758	20.00	ng	0.00
75) Chrysene-d12	21.87	240	906585	20.00	ng	-0.01
86) Perylene-d12	25.27	264	847196	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	760850	122.84	ng	0.00
7) Phenol-d6	7.30	99	1184831	122.14	ng	0.00
23) Nitrobenzene-d5	9.31	82	855122	76.20	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	580018	84.36	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1793017	73.82	ng	0.00
78) Terphenyl-d14	20.16	244	2520065	90.26	ng	0.00

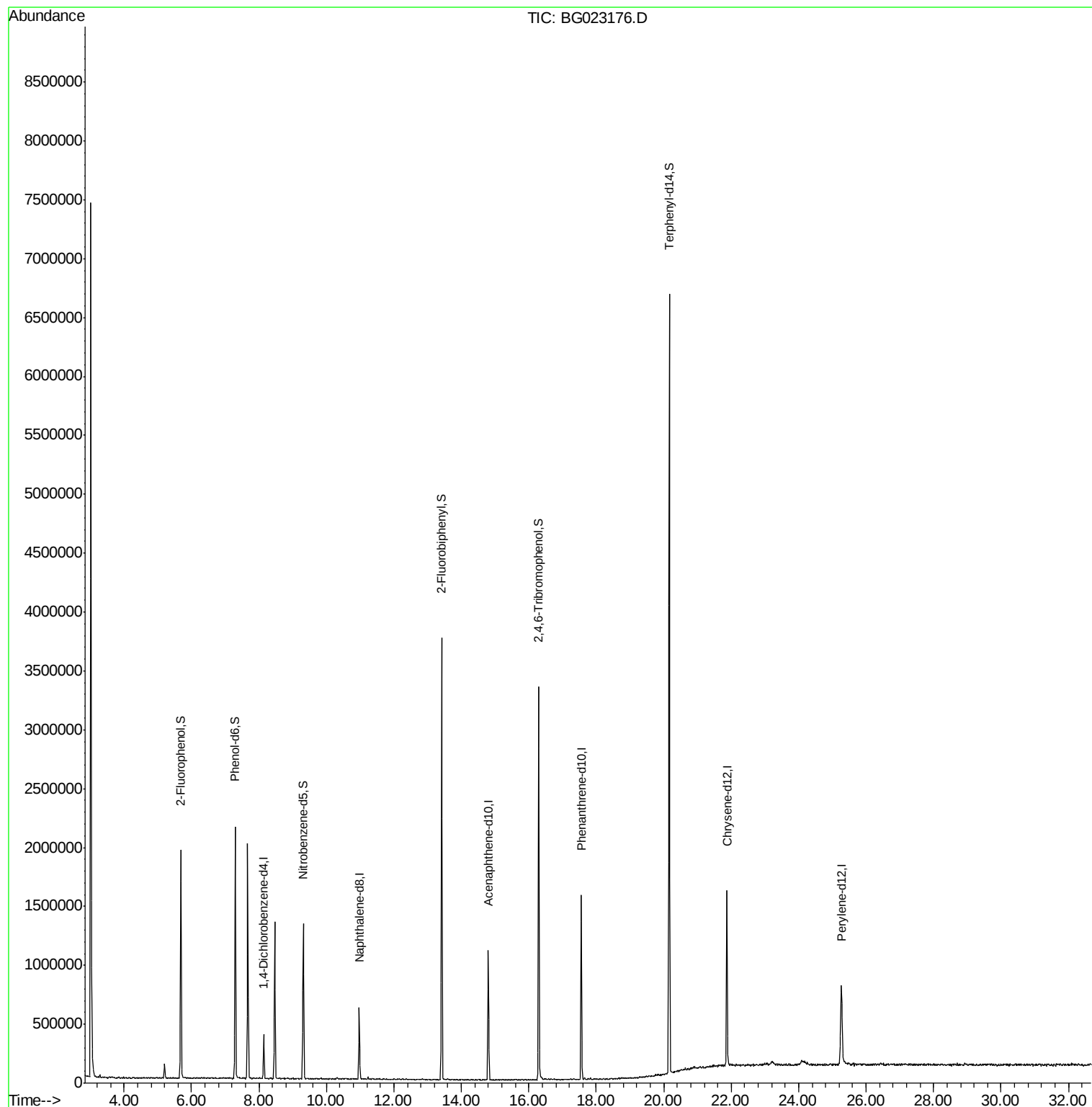
Target Compounds Qvalue

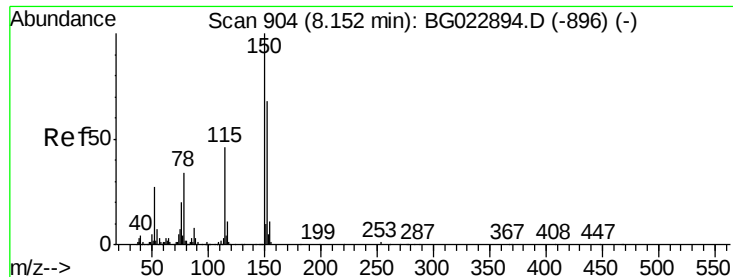
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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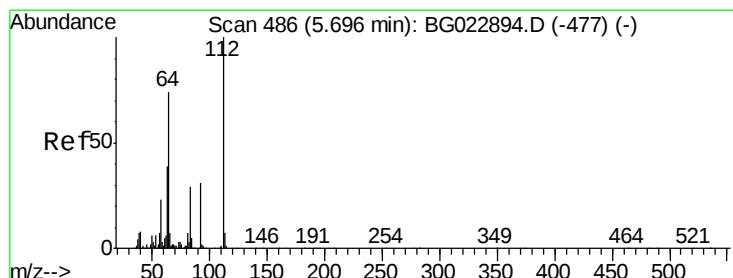
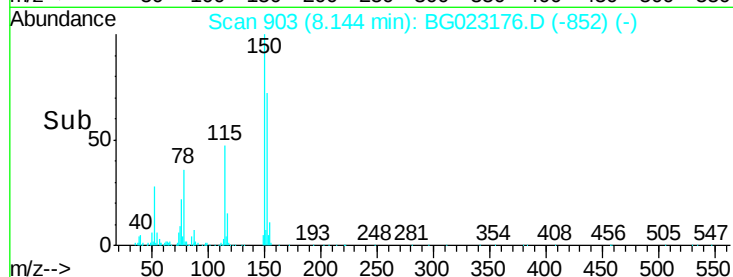
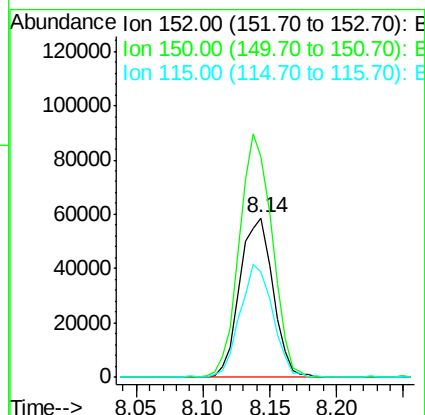
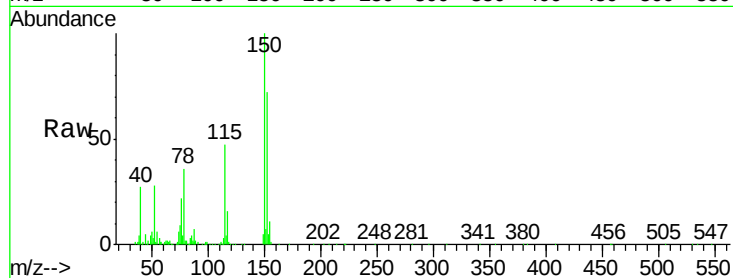


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.14 min Scan# 903
Delta R.T. -0.00 min
Lab File: BG023176.D
Acq: 19 Jul 2016 14:47

Instrument :
BNA_G
ClientSampleId :
PB92224BL

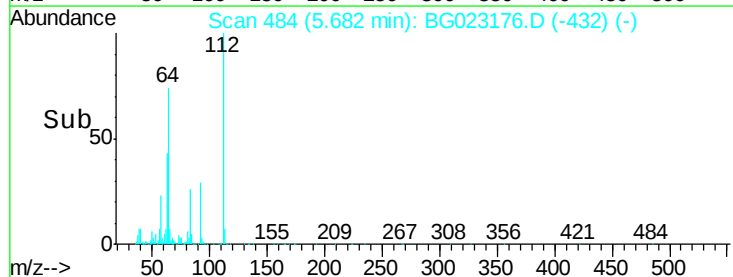
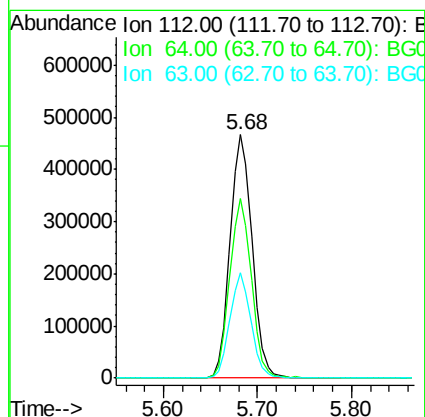
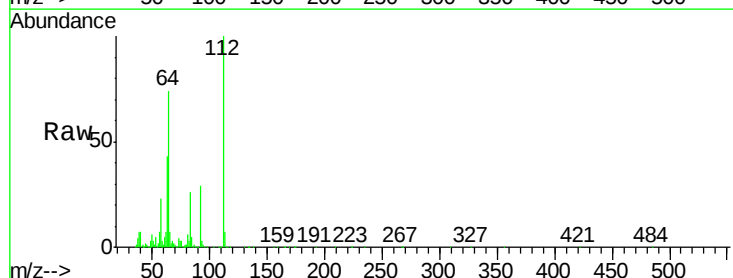
Tot Ion:152 Resp: 101298
Ion Ratio Lower Upper
152 100
150 138.7 144.7 217.1#
115 65.8 64.0 96.0

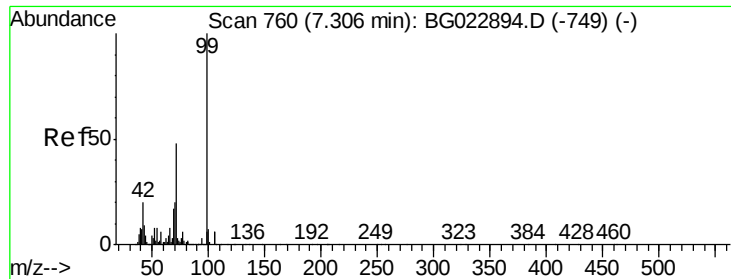


#5

2-Fluorophenol
Concen: 122.84 ng
RT: 5.68 min Scan# 484
Delta R.T. 0.01 min
Lab File: BG023176.D
Acq: 19 Jul 2016 14:47

Tgt Ion:112 Resp: 760850
Ion Ratio Lower Upper
112 100
64 73.7 59.0 88.4
63 43.2 37.8 56.8





#7

Phenol-d6

Concen: 122.14 ng

RT: 7.30 min Scan# 759

Delta R.T. -0.00 min

Lab File: BG023176.D

Acq: 19 Jul 2016 14:47

Instrument :

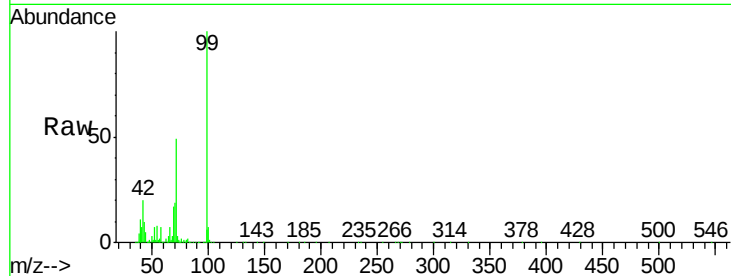
BNA_G

ClientSampleId :

PB92224BL

Tot Ion: 99 Resp: 1184831

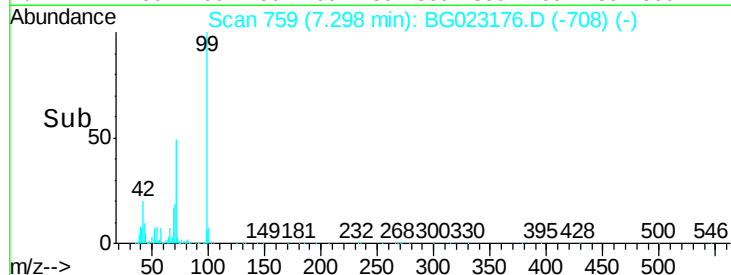
Ion	Ratio	Lower	Upper
99	100		
42	20.0	17.8	26.6
71	48.7	41.5	62.3



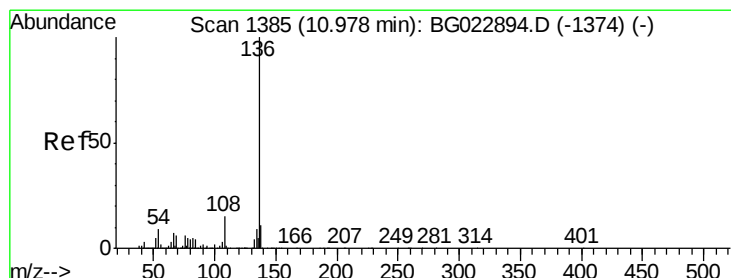
Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.97 min Scan# 1384

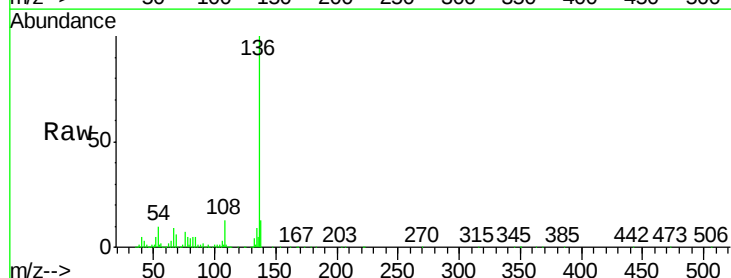
Delta R.T. -0.01 min

Lab File: BG023176.D

Acq: 19 Jul 2016 14:47

Tgt Ion: 136 Resp: 480514

Ion	Ratio	Lower	Upper
136	100		
137	12.8	9.6	14.4
54	9.9	7.3	10.9
68	6.2	5.3	7.9

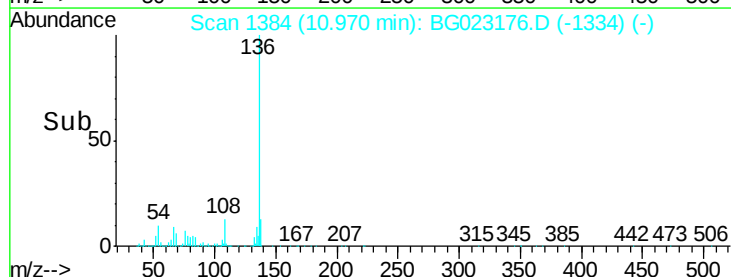


Abundance Ion 136.00 (135.70 to 136.70): BGC

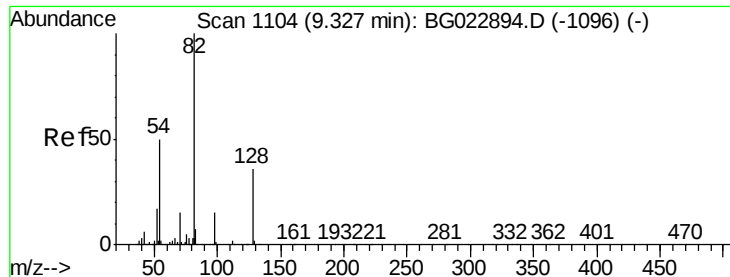
Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



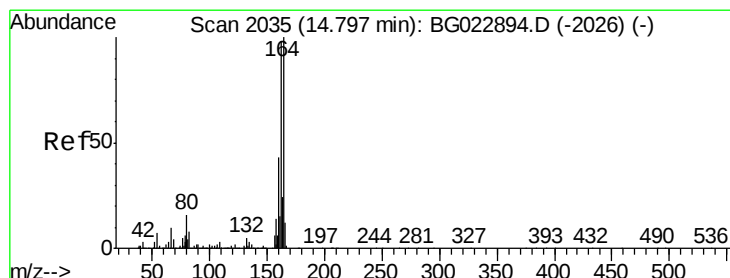
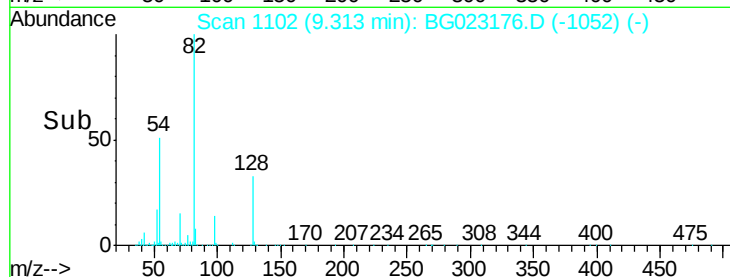
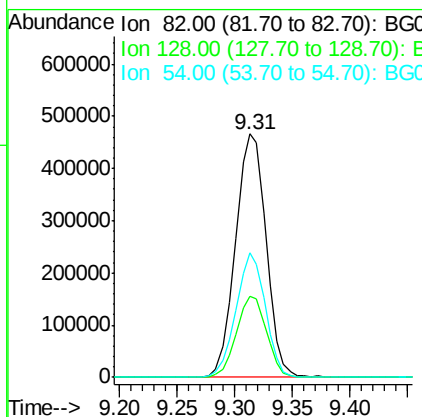
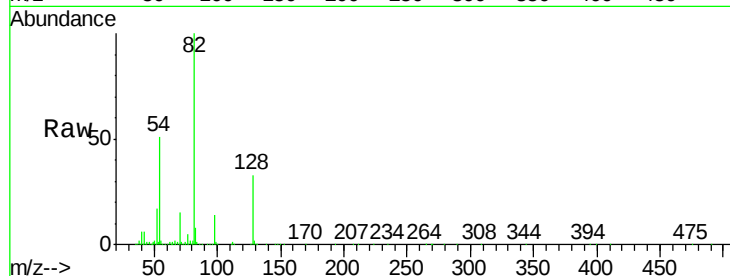
Time-->



#23
 Nitrobenzene-d5
 Concen: 76.20 ng
 RT: 9.31 min Scan# 1102
 Delta R.T. -0.01 min
 Lab File: BG023176.D
 Acq: 19 Jul 2016 14:47

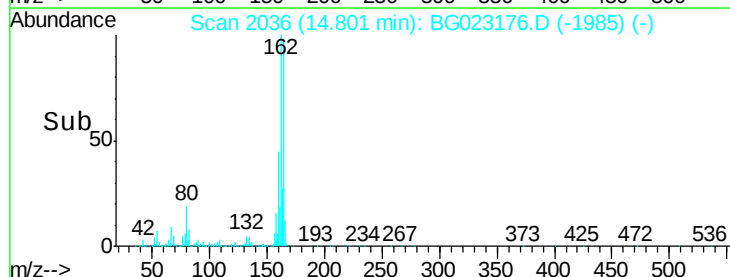
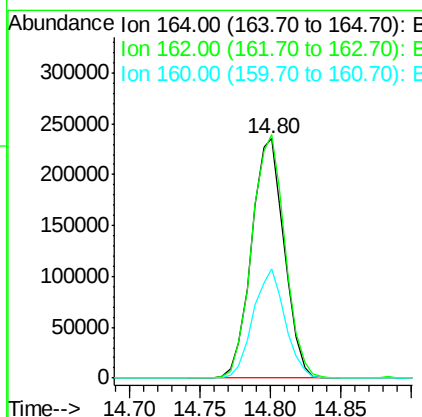
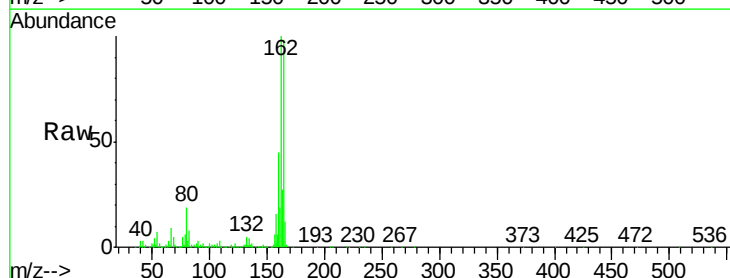
Instrument :
 BNA_G
 ClientSampleId :
 PB92224BL

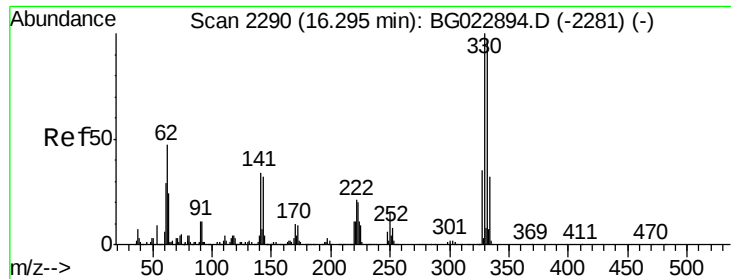
Tot Ion	82	Resp	855122
Ion Ratio	Lower	Upper	
82	100		
128	33.3	24.4	36.6
54	51.3	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: BG023176.D
 Acq: 19 Jul 2016 14:47

Tgt Ion	164	Resp	382581
Ion Ratio	Lower	Upper	
164	100		
162	101.8	87.7	131.5
160	45.8	37.2	55.8

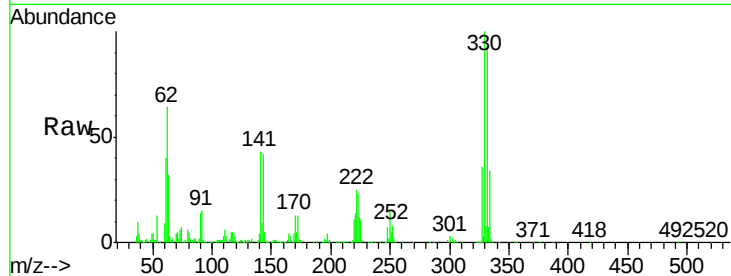




#41
 2,4,6-Tribromophenol
 Concen: 84.36 ng
 RT: 16.29 min Scan# 2290
 Delta R.T. -0.01 min
 Lab File: BG023176.D
 Acq: 19 Jul 2016 14:47

Instrument :
 BNA_G
 ClientSampleId :
 PB92224BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.4	116.2
141	42.5	31.7	47.5

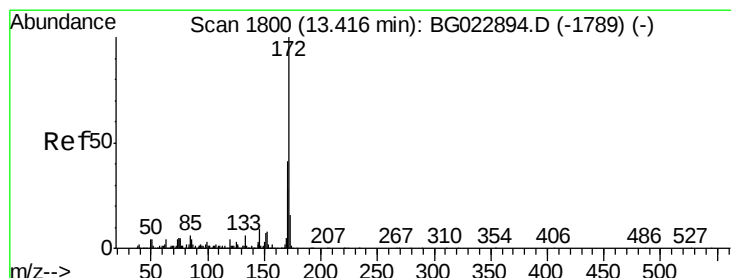
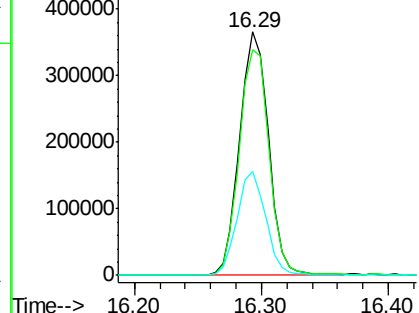
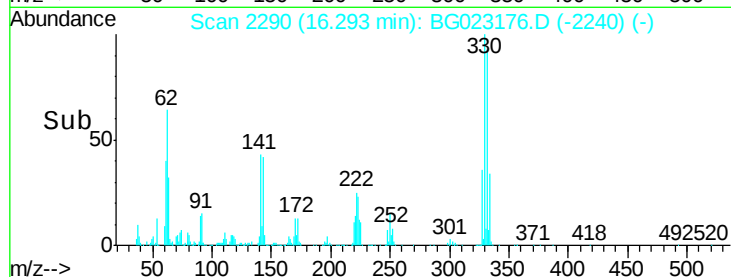


Abundance

Ion 329.80 (329.50 to 330.50): E

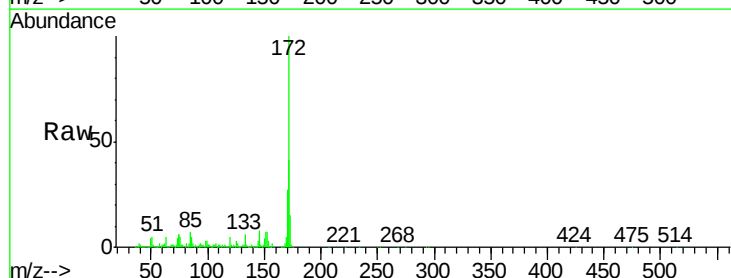
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 73.82 ng
 RT: 13.41 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: BG023176.D
 Acq: 19 Jul 2016 14:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	41.3	31.6	47.4
170	26.7	21.3	31.9

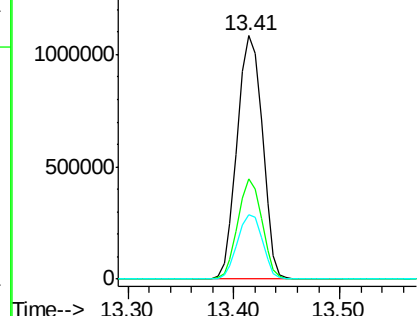
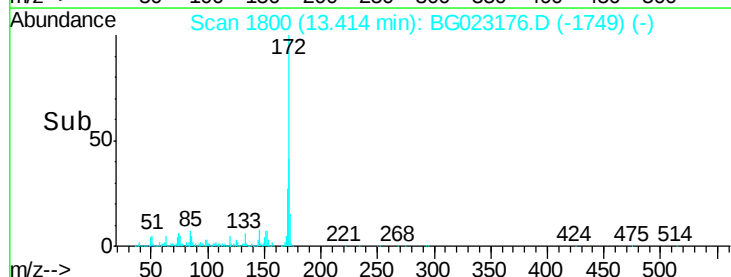


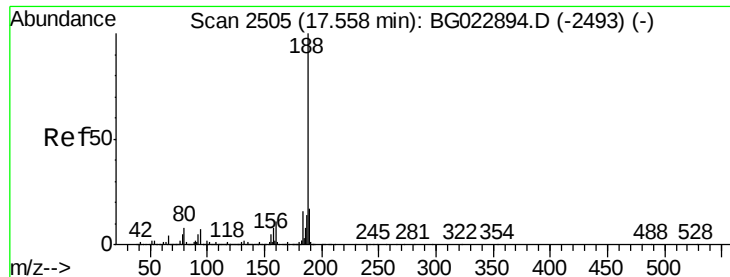
Abundance

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: 17.56 min Scan# 2505

Delta R.T. -0.00 min

Lab File: BG023176.D

Acq: 19 Jul 2016 14:47

Instrument :

BNA_G

ClientSampleId :

PB92224BL

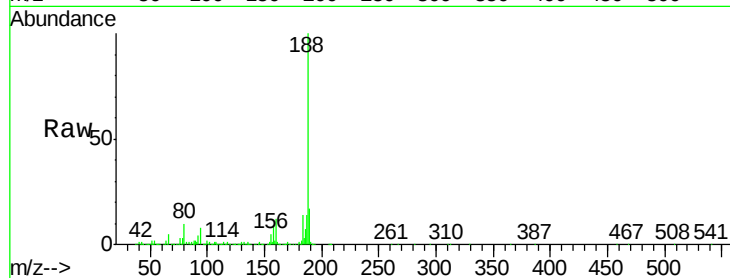
Tot Ion:188 Resp: 899758

Ion Ratio Lower Upper

188 100

94 7.7 5.2 7.8

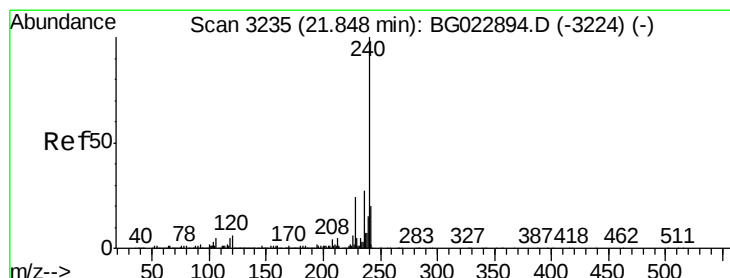
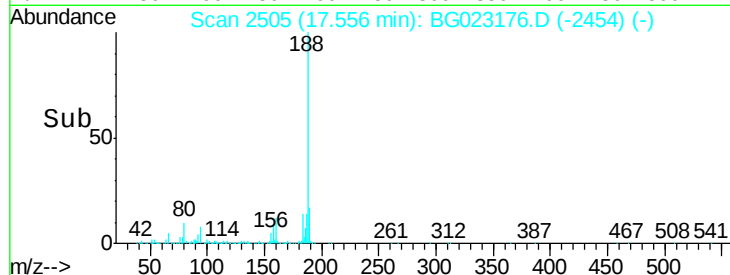
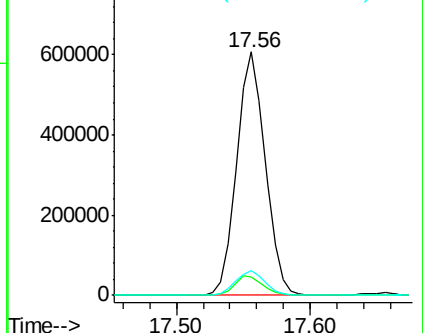
80 9.9 7.2 10.8



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: 21.87 min Scan# 3239

Delta R.T. -0.01 min

Lab File: BG023176.D

Acq: 19 Jul 2016 14:47

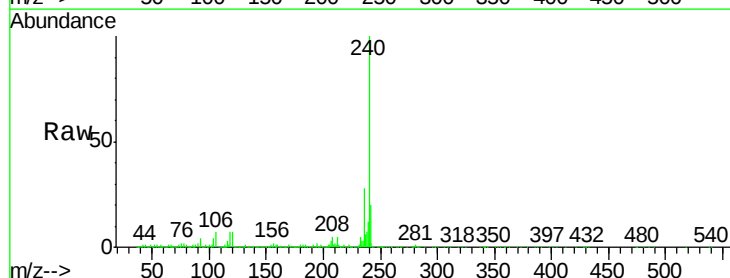
Tgt Ion:240 Resp: 906585

Ion Ratio Lower Upper

240 100

120 7.0 4.1 6.1#

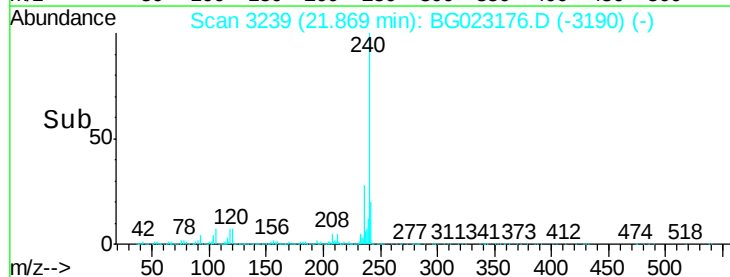
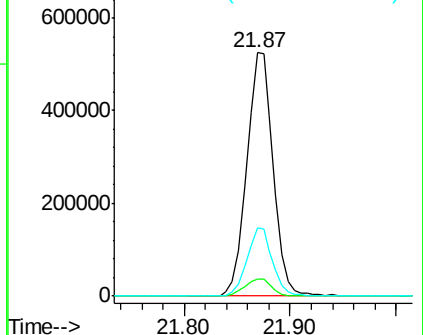
236 28.3 21.1 31.7

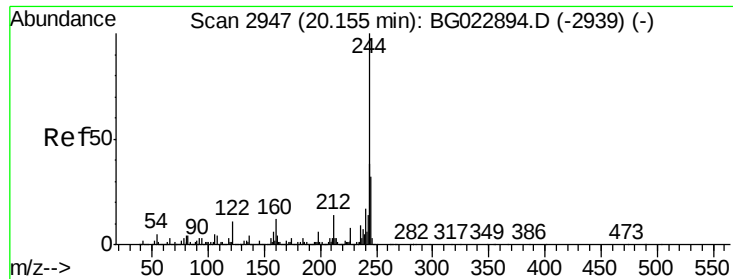


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 90.26 ng

RT: 20.16 min Scan# 2949

Delta R.T. -0.00 min

Lab File: BG023176.D

Acq: 19 Jul 2016 14:47

Instrument :

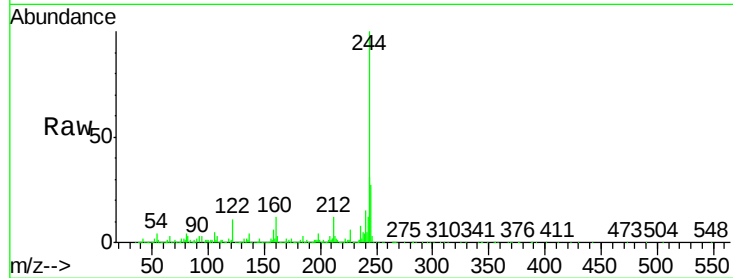
BNA_G

ClientSampleId :

PB92224BL

Tot Ion:244 Resp: 2520065

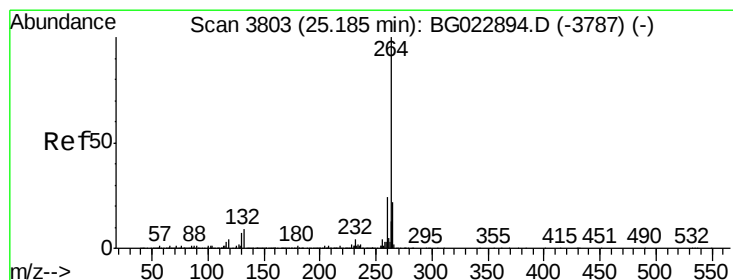
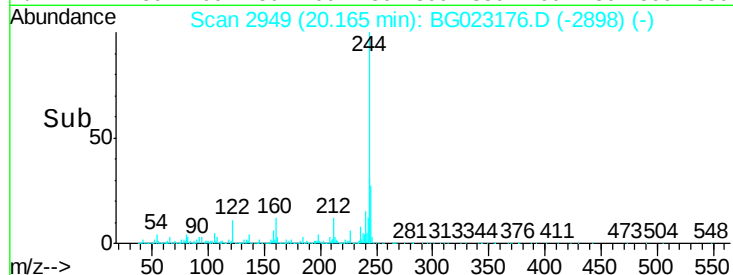
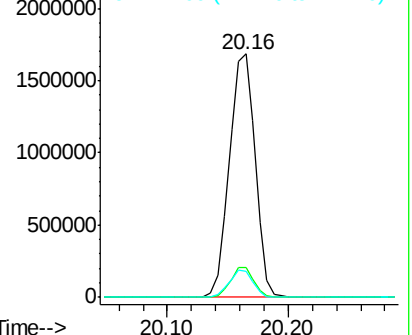
Ion	Ratio	Lower	Upper
244	100		
212	12.4	10.8	16.2
122	10.7	8.0	12.0



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: 25.27 min Scan# 3818

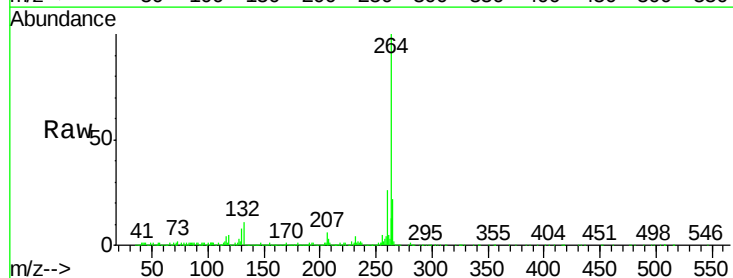
Delta R.T. -0.00 min

Lab File: BG023176.D

Acq: 19 Jul 2016 14:47

Tgt Ion:264 Resp: 847196

Ion	Ratio	Lower	Upper
264	100		
260	26.1	18.4	27.6
265	21.5	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

