

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071216\
 Data File : BG023037.D
 Acq On : 12 Jul 2016 15:24
 Operator : UM/SJ
 Sample : PB92015BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB92015BL

Quant Time: Jul 13 01:05:49 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	92902	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	454465	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	355917	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	855315	20.00	ng	0.00
75) Chrysene-d12	21.87	240	935430	20.00	ng	0.02
86) Perylene-d12	25.26	264	922782	20.00	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	598730	105.40	ng	0.00
7) Phenol-d6	7.30	99	953165	107.14	ng	0.00
23) Nitrobenzene-d5	9.33	82	690070	65.02	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	509402	79.64	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1548672	68.54	ng	0.00
78) Terphenyl-d14	20.17	244	2350940	76.85	ng	0.01

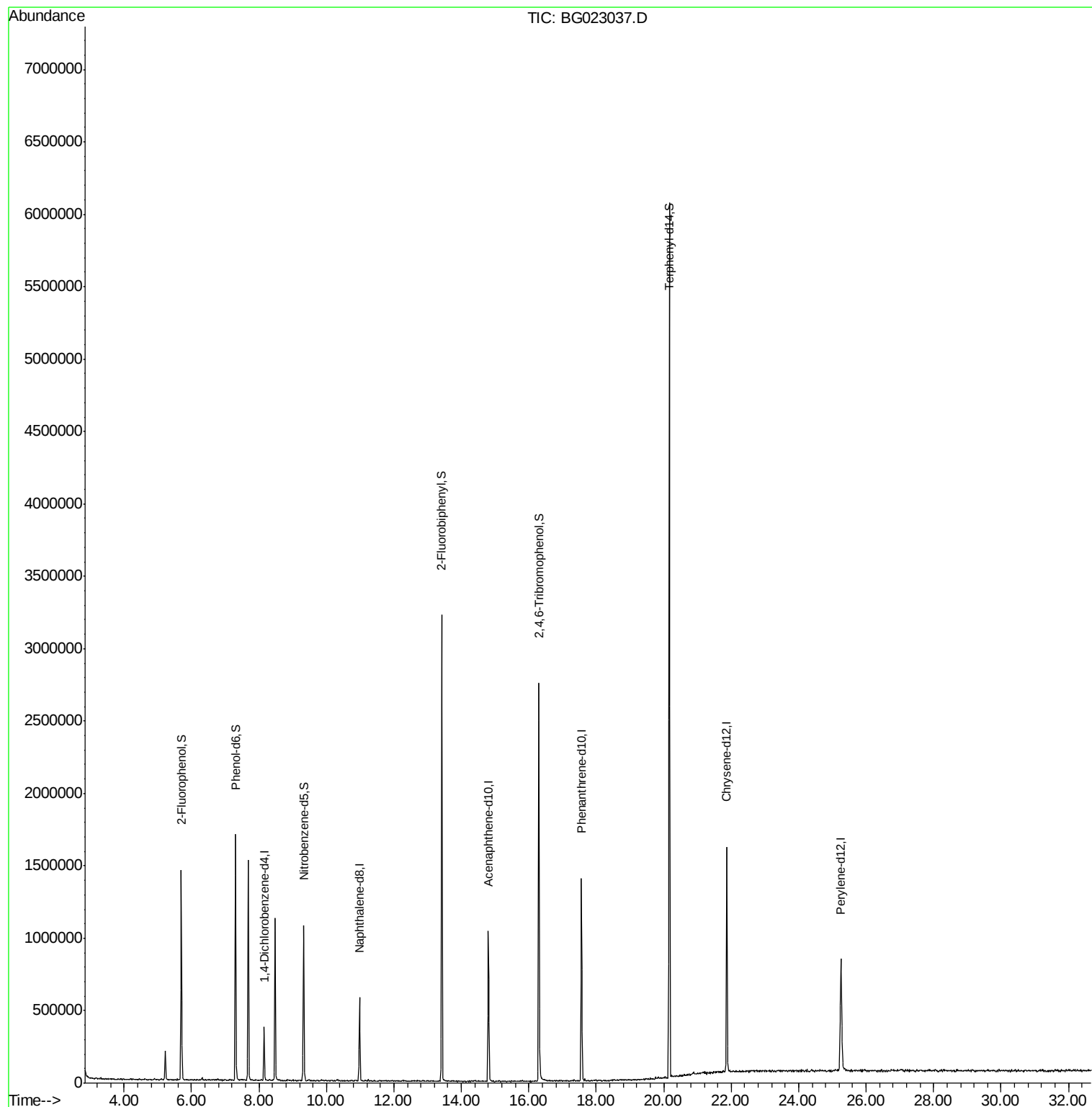
Target Compounds Qvalue

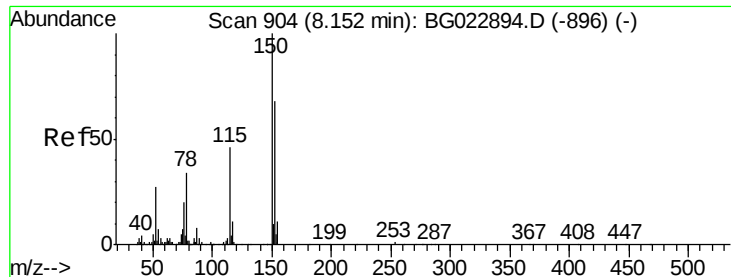
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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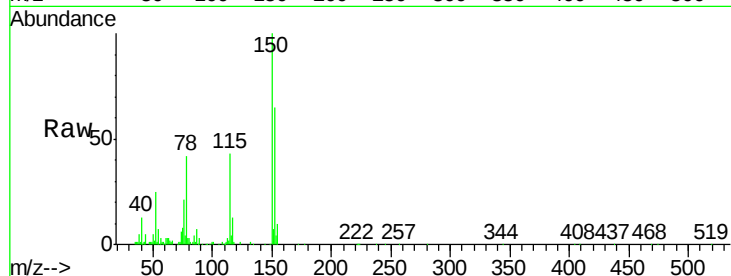


#1

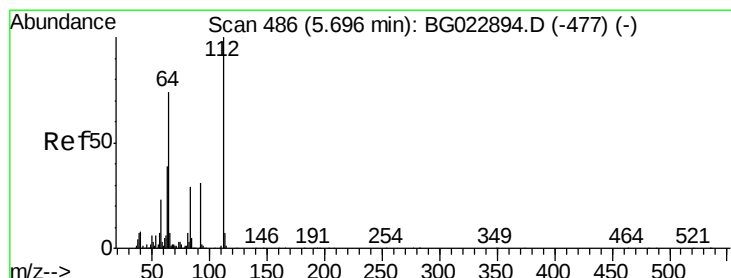
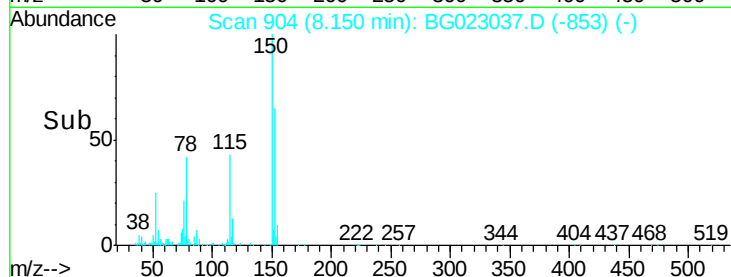
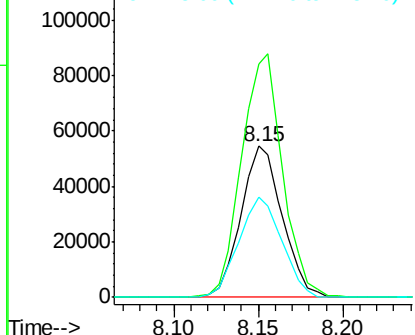
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.15 min Scan# 904
 Delta R.T. -0.00 min
 Lab File: BG023037.D
 Acq: 12 Jul 2016 15:24

Instrument :
 BNA_G
 ClientSampleId :
 PB92015BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	144.7	217.1
115	66.7	64.0	96.0



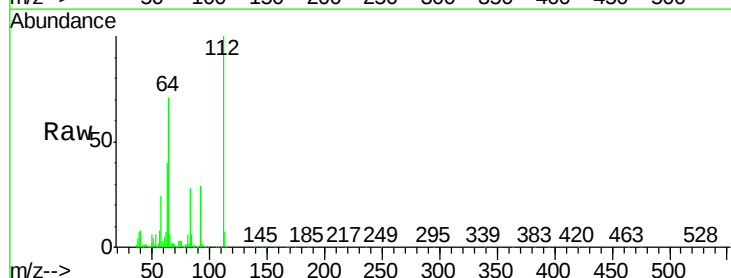
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



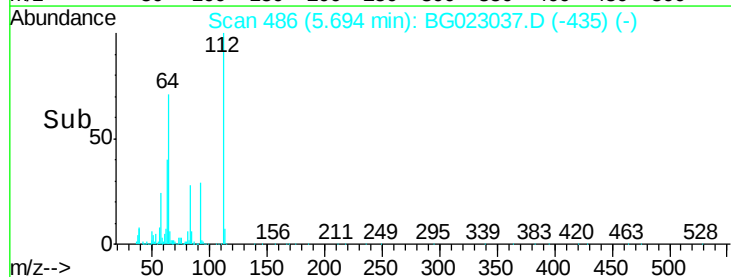
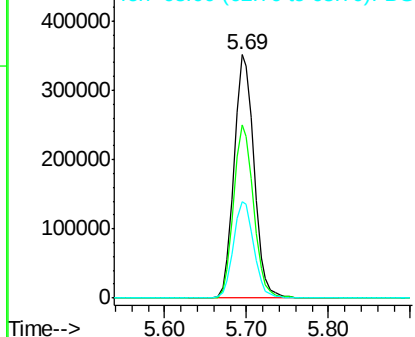
#5

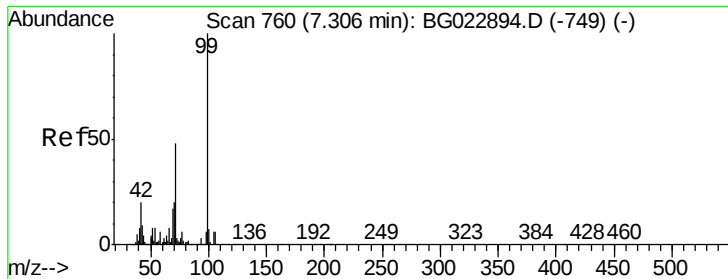
2-Fluorophenol
 Concen: 105.40 ng
 RT: 5.69 min Scan# 486
 Delta R.T. -0.00 min
 Lab File: BG023037.D
 Acq: 12 Jul 2016 15:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.1	59.0	88.4
63	39.6	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: 107.14 ng

RT: 7.30 min Scan# 760

Delta R.T. -0.00 min

Lab File: BG023037.D

Acq: 12 Jul 2016 15:24

Instrument :

BNA_G

ClientSampleId :

PB92015BL

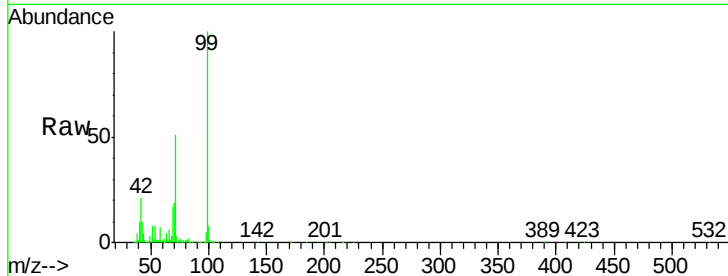
Tot Ion: 99 Resp: 953165

Ion Ratio Lower Upper

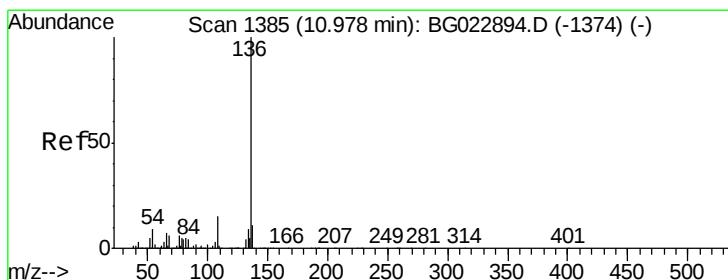
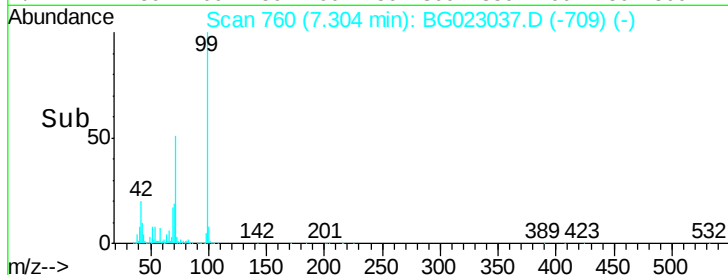
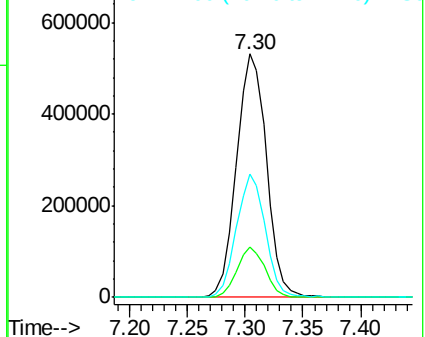
99 100

42 20.5 17.8 26.6

71 50.9 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# 1386

Delta R.T. 0.00 min

Lab File: BG023037.D

Acq: 12 Jul 2016 15:24

Tgt Ion: 136 Resp: 454465

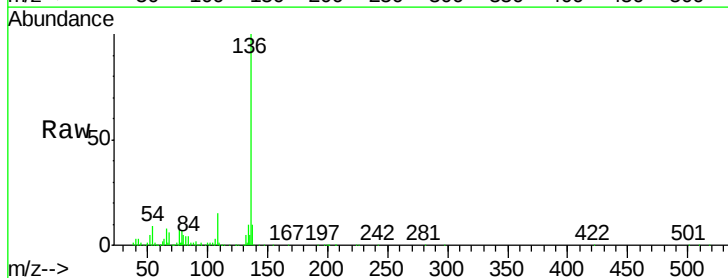
Ion Ratio Lower Upper

136 100

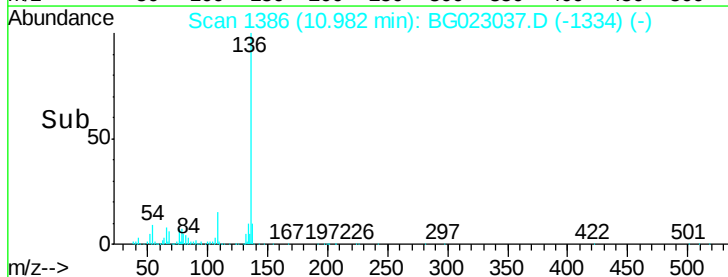
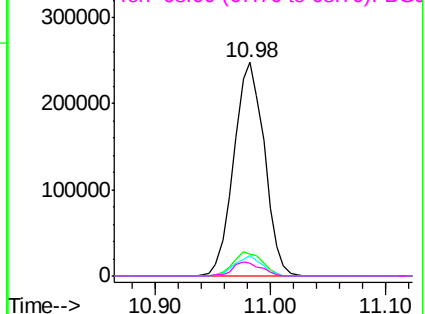
137 10.4 9.6 14.4

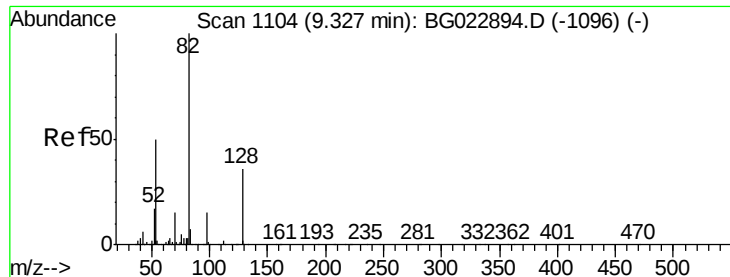
54 9.4 7.3 10.9

68 5.9 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

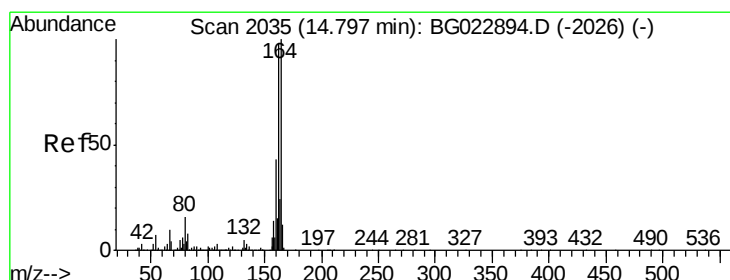
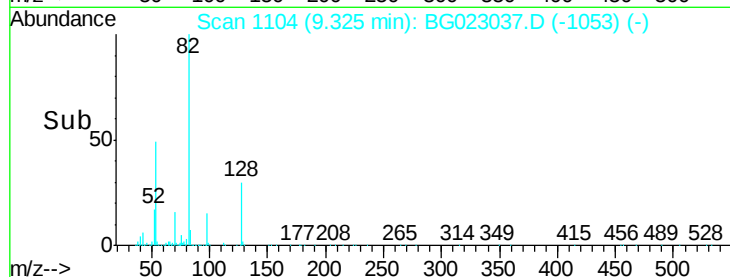
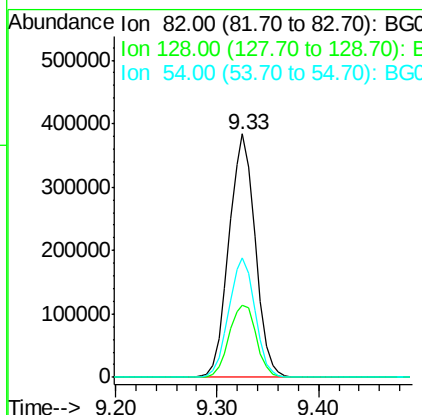
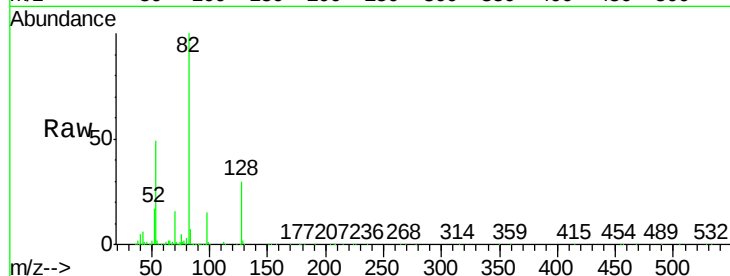




#23
 Nitrobenzene-d5
 Concen: 65.02 ng
 RT: 9.33 min Scan# 1104
 Delta R.T. -0.00 min
 Lab File: BG023037.D
 Acq: 12 Jul 2016 15:24

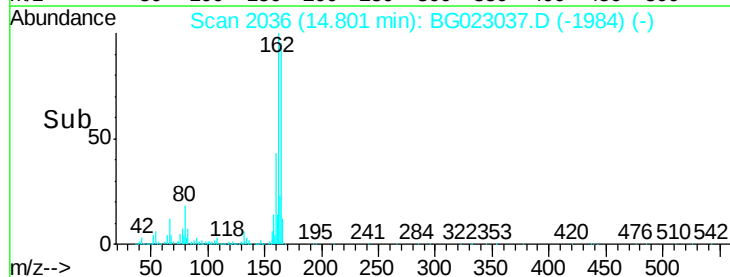
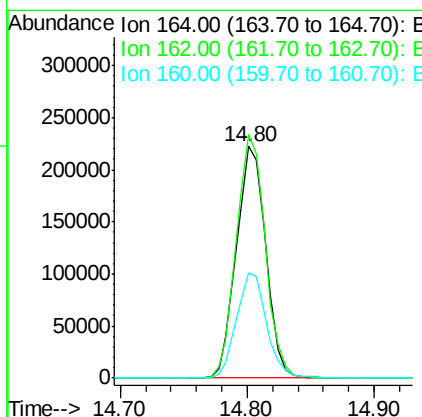
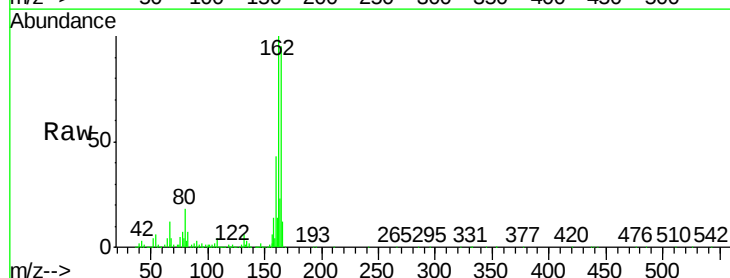
Instrument :
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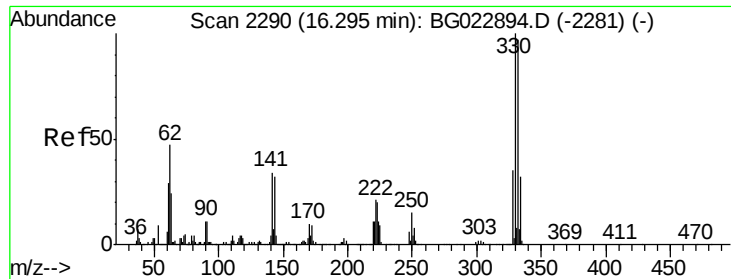
Tot Ion	82	Resp	690070
Ion Ratio	Lower	Upper	
82	100		
128	29.8	24.4	36.6
54	49.2	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: BG023037.D
 Acq: 12 Jul 2016 15:24

Tgt Ion	164	Resp	355917
Ion Ratio	Lower	Upper	
164	100		
162	105.2	87.7	131.5
160	45.5	37.2	55.8

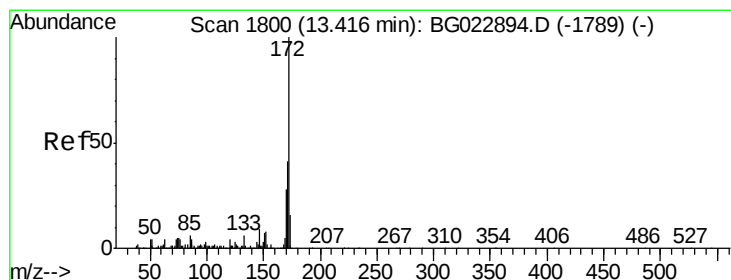
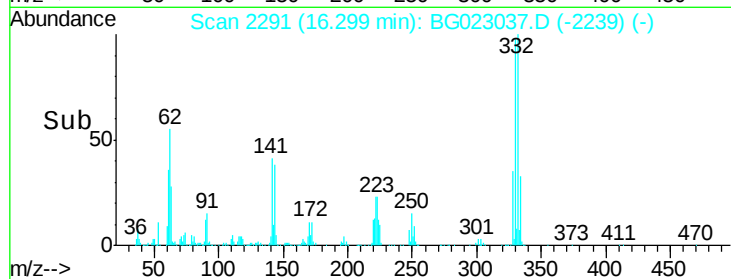
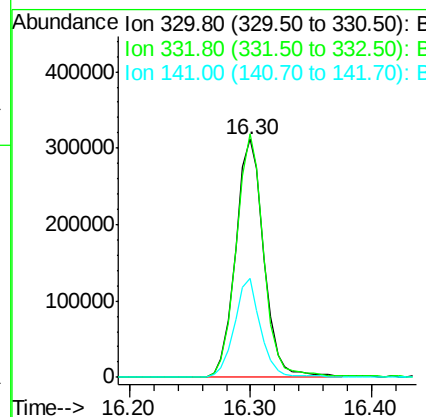
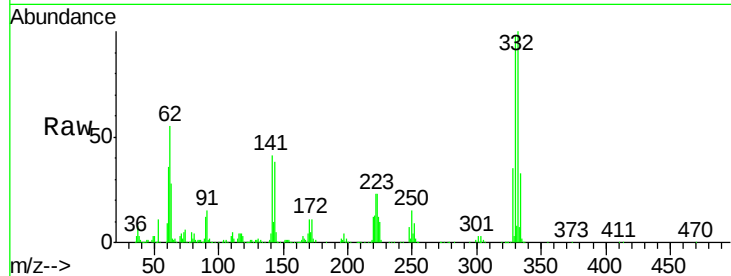




#41
 2,4,6-Tribromophenol
 Concen: 79.64 ng
 RT: 16.30 min Scan# 2291
 Delta R.T. 0.00 min
 Lab File: BG023037.D
 Acq: 12 Jul 2016 15:24

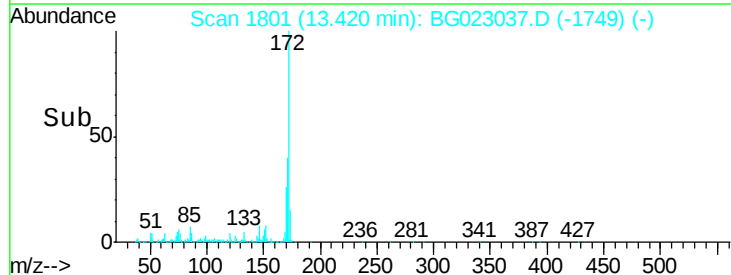
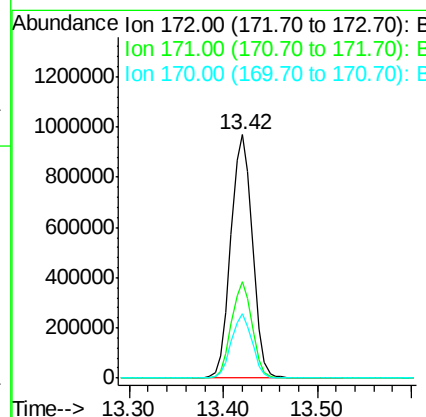
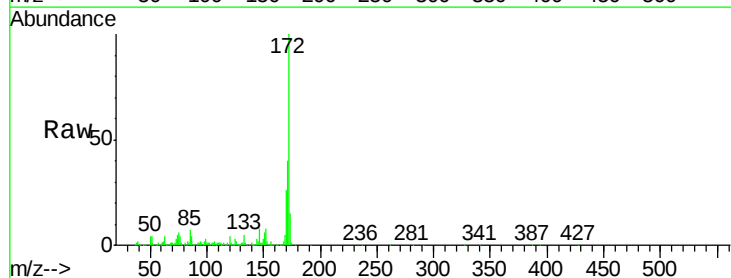
Instrument :
 BNA_G
 ClientSampleId :
 PB92015BL

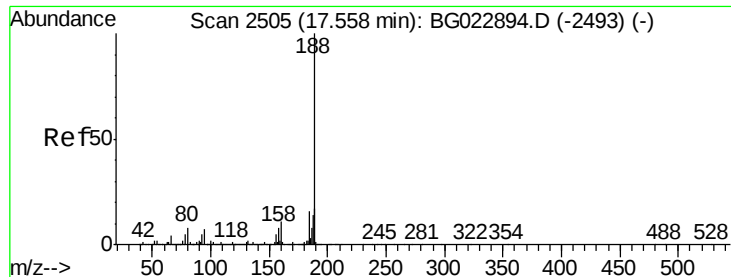
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.9	77.4	116.2
141	38.6	31.7	47.5



#44
 2-Fluorobiphenyl
 Concen: 68.54 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: BG023037.D
 Acq: 12 Jul 2016 15:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.7	31.6	47.4
170	26.4	21.3	31.9

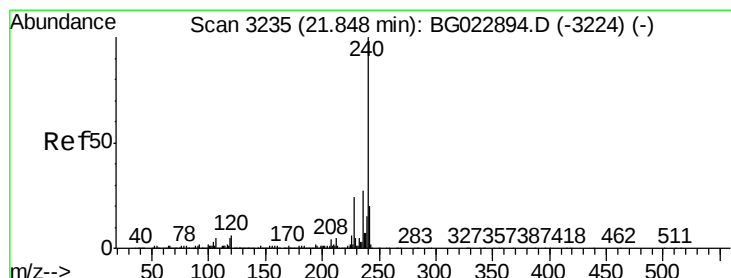
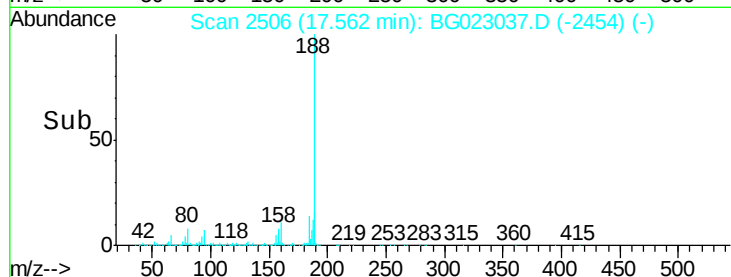
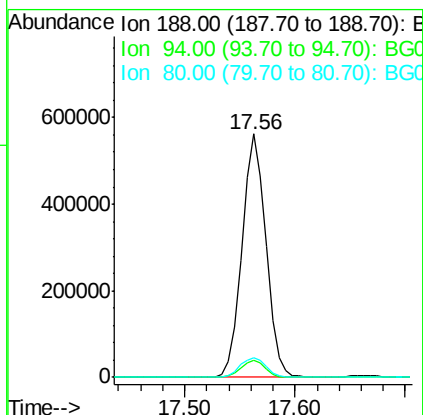
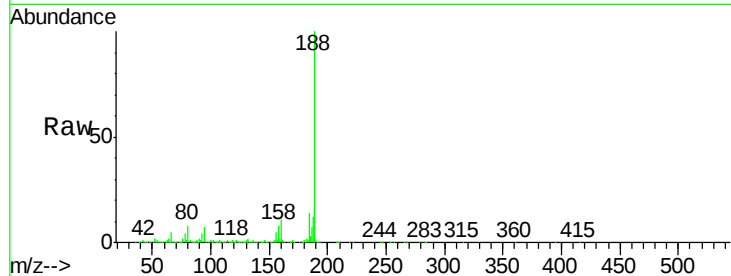




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2506
Delta R.T. 0.00 min
Lab File: BG023037.D
Acq: 12 Jul 2016 15:24

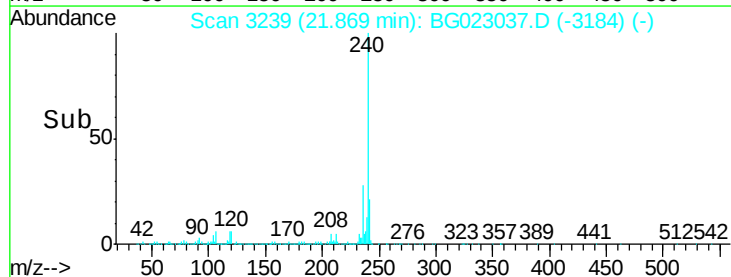
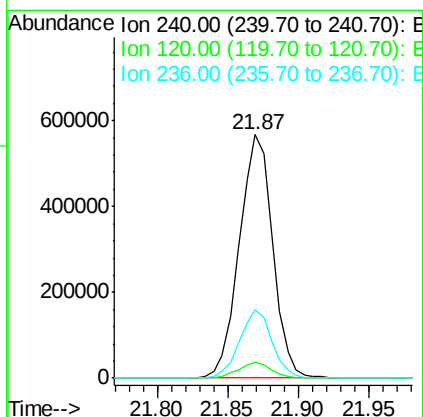
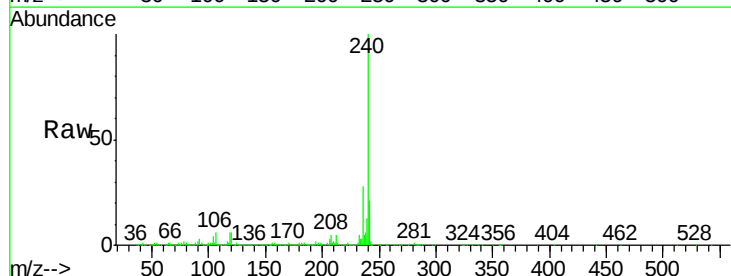
Instrument :
BNA_G
ClientSampleId :
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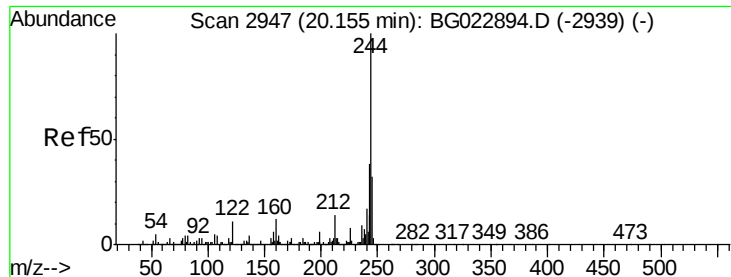
Tot Ion:188 Resp: 855315
Ion Ratio Lower Upper
188 100
94 6.9 5.2 7.8
80 8.2 7.2 10.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.87 min Scan# 3239
Delta R.T. 0.02 min
Lab File: BG023037.D
Acq: 12 Jul 2016 15:24

Tgt Ion:240 Resp: 935430
Ion Ratio Lower Upper
240 100
120 6.4 4.1 6.1#
236 28.1 21.1 31.7





#78

Terphenyl-d14

Concen: 76.85 ng

RT: 20.17 min Scan# 2949

Delta R.T. 0.01 min

Lab File: BG023037.D

Acq: 12 Jul 2016 15:24

Instrument :

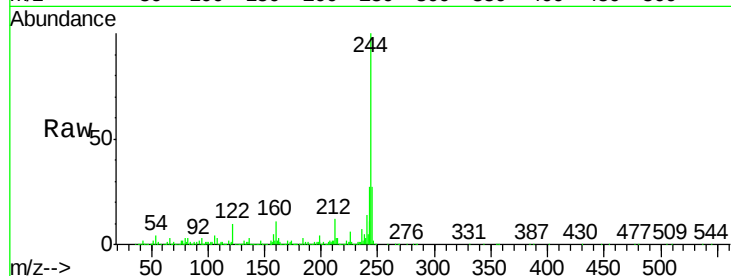
BNA_G

ClientSampleId :

PB92015BL

Tot Ion:244 Resp: 2350940

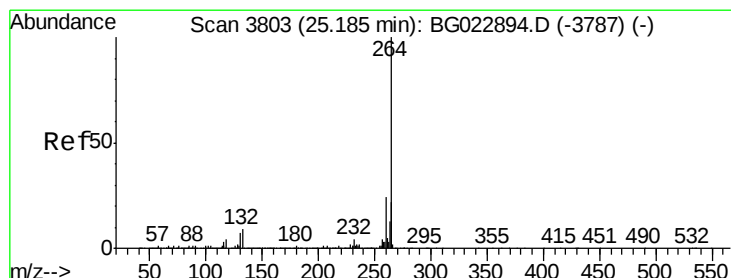
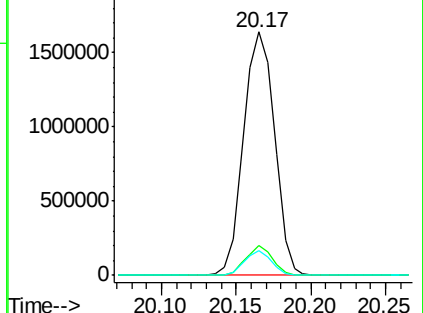
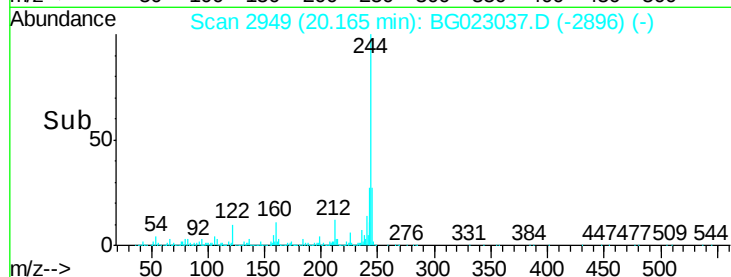
Ion	Ratio	Lower	Upper
244	100		
212	12.0	10.8	16.2
122	10.0	8.0	12.0



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: 25.26 min Scan# 3816

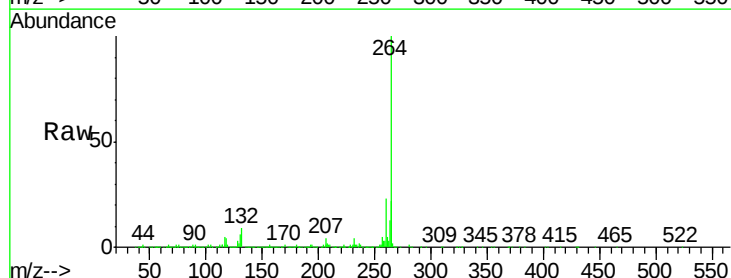
Delta R.T. 0.07 min

Lab File: BG023037.D

Acq: 12 Jul 2016 15:24

Tgt Ion:264 Resp: 922782

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.4	27.6
265	22.3	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

