

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071216\
 Data File : BG023047.D
 Acq On : 12 Jul 2016 22:06
 Operator : UM/SJ
 Sample : H3975-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOCATION-22A-9-11

Quant Time: Jul 13 01:08:53 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

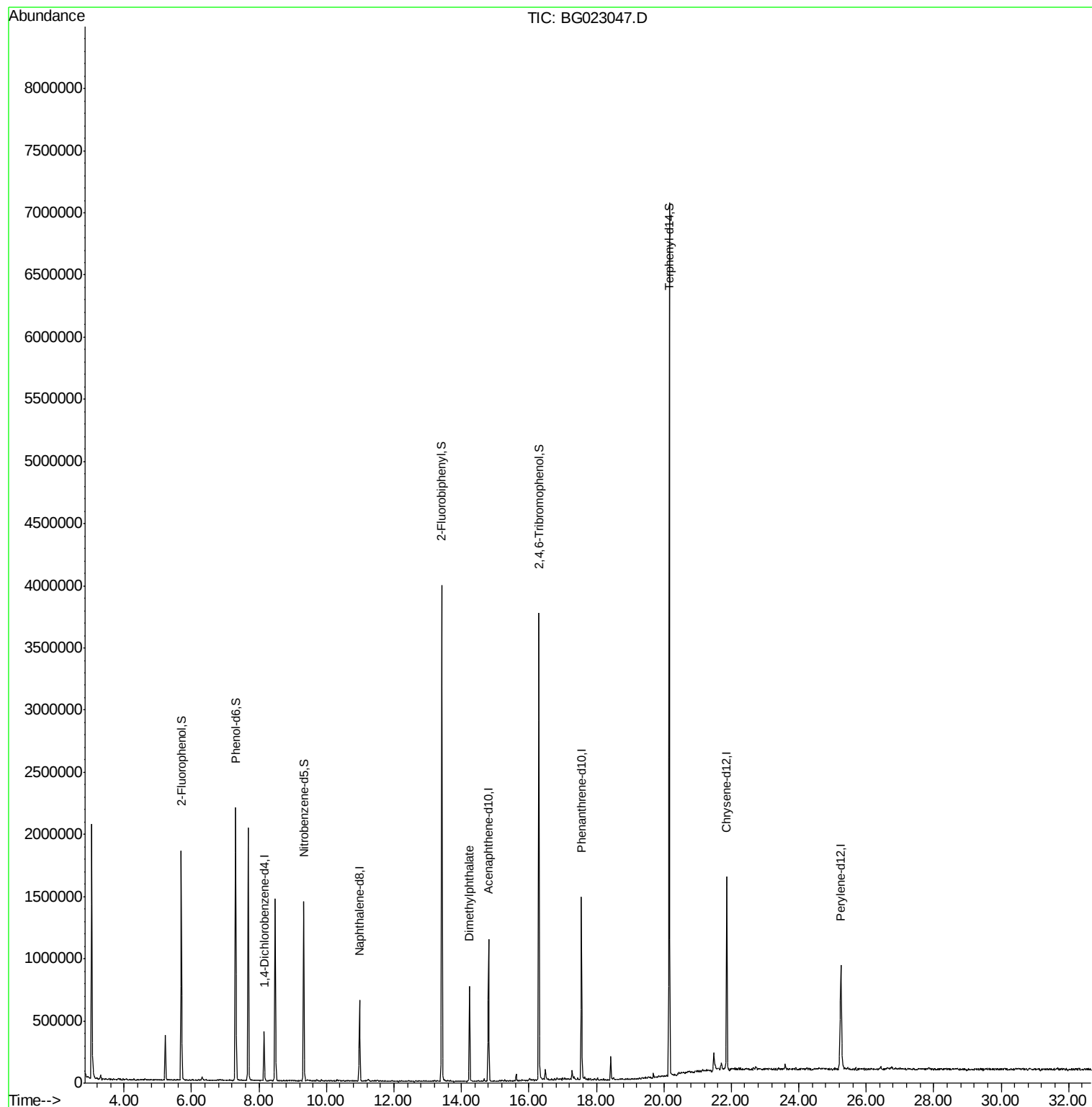
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	102620	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	514505	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	395992	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	900124	20.00	ng	0.00
75) Chrysene-d12	21.86	240	992055	20.00	ng	0.02
86) Perylene-d12	25.25	264	992484	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	743756	118.54	ng	0.00
7) Phenol-d6	7.30	99	1230649	125.23	ng	0.00
23) Nitrobenzene-d5	9.33	82	917619	76.37	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	688160	96.69	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1964442	78.14	ng	0.00
78) Terphenyl-d14	20.16	244	2647765	84.44	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.24	163	476657	14.74	ng	99

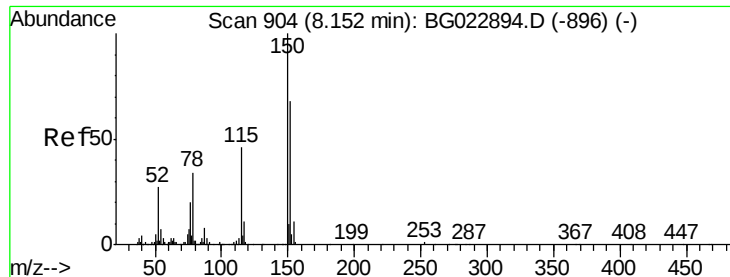
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 905

Delta R.T. 0.00 min

Lab File: BG023047.D

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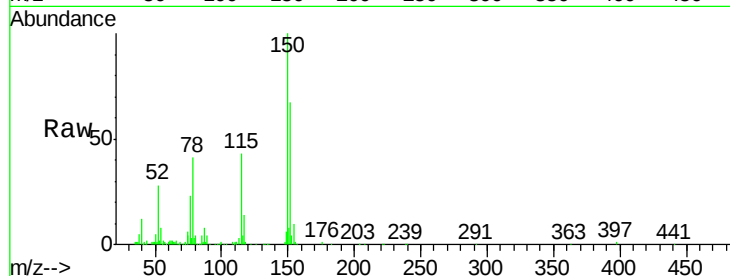
Tot Ion:152 Resp: 102620

Ion Ratio Lower Upper

152 100

150 149.0 144.7 217.1

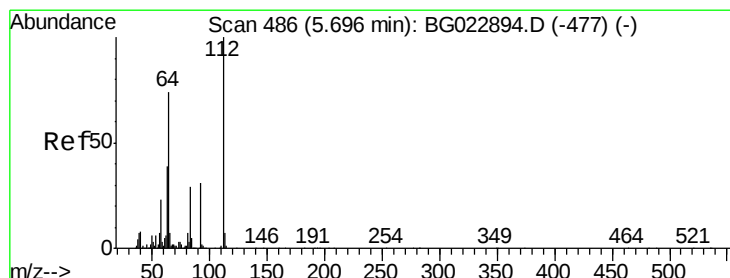
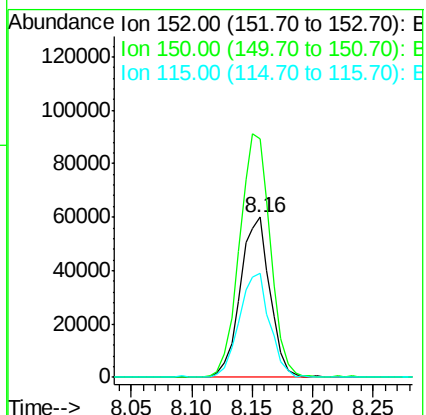
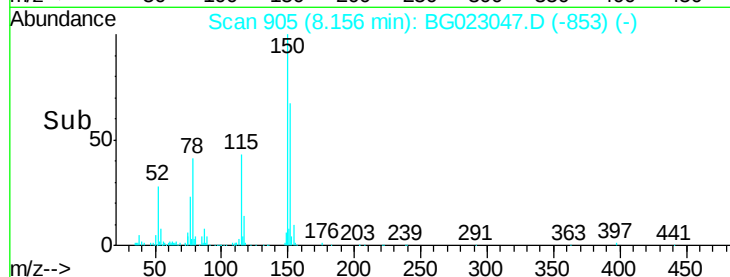
115 64.8 64.0 96.0



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: 118.54 ng

RT: 5.69 min Scan# 486

Delta R.T. -0.00 min

Lab File: BG023047.D

Acq: 12 Jul 2016 22:06

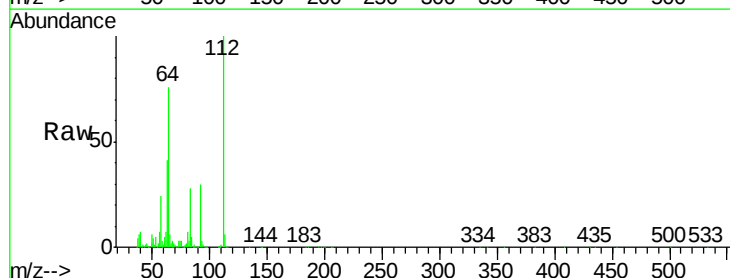
Tgt Ion:112 Resp: 743756

Ion Ratio Lower Upper

112 100

64 76.1 59.0 88.4

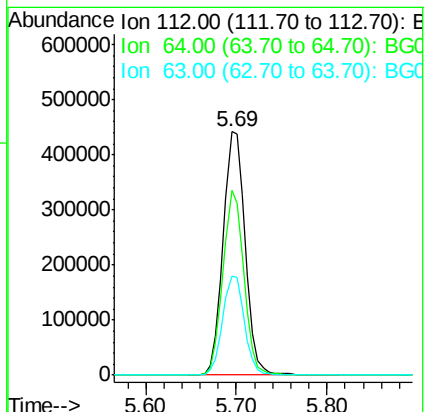
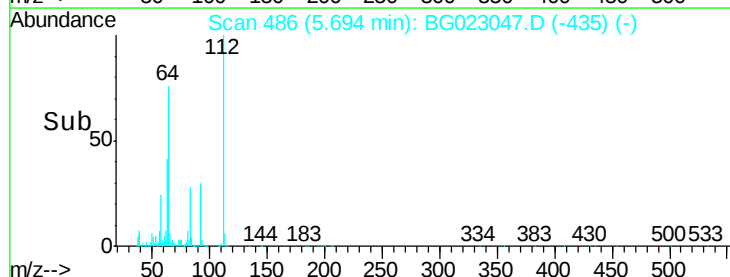
63 40.6 37.8 56.8

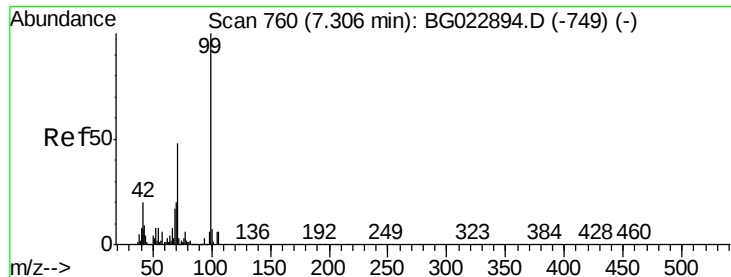


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 125.23 ng

RT: 7.30 min Scan# 760

Delta R.T. -0.00 min

Lab File: BG023047.D

Acq: 12 Jul 2016 22:06

Instrument :

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ClientSampleId :

LOCATION-22A-9-11

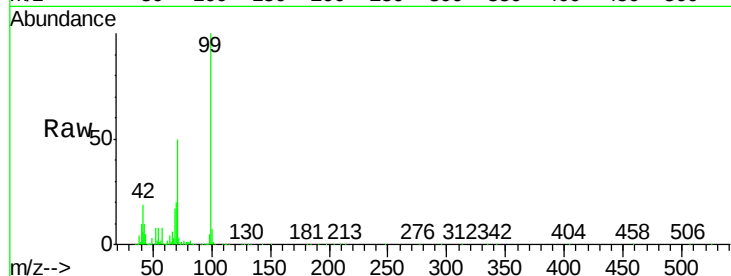
Tot Ion: 99 Resp: 1230649

Ion Ratio Lower Upper

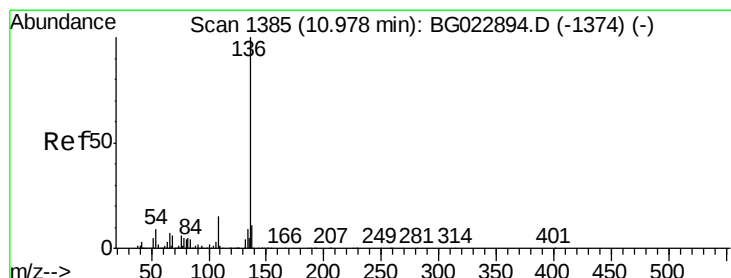
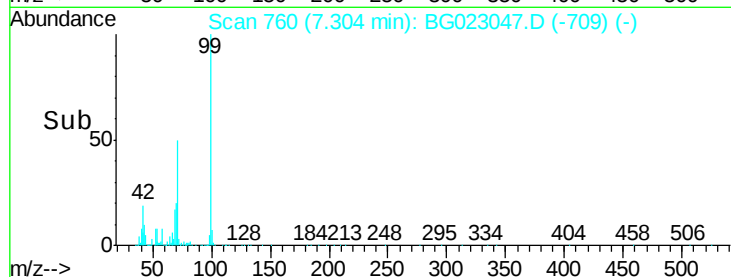
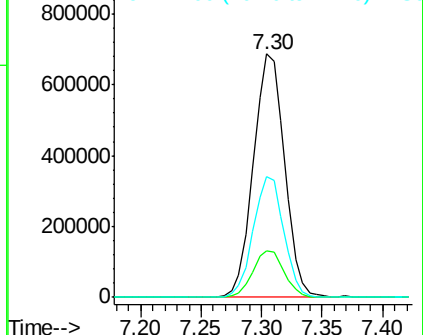
99 100

42 19.3 17.8 26.6

71 49.6 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: BG023047.D

Acq: 12 Jul 2016 22:06

Tgt Ion: 136 Resp: 514505

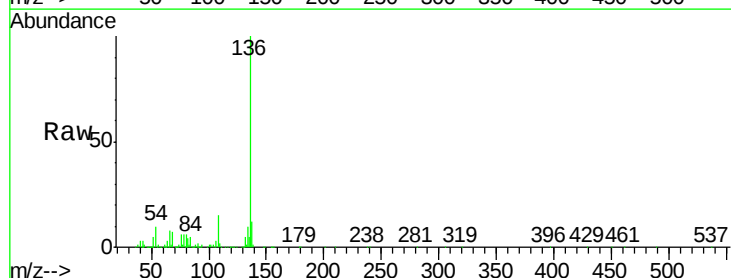
Ion Ratio Lower Upper

136 100

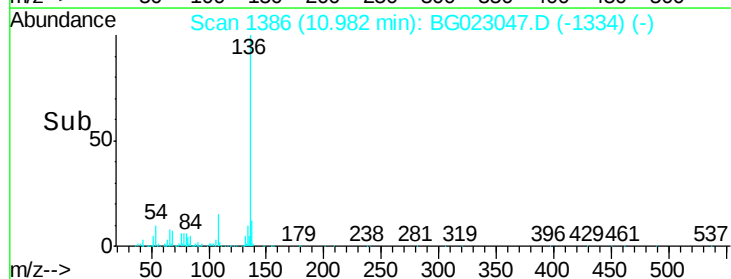
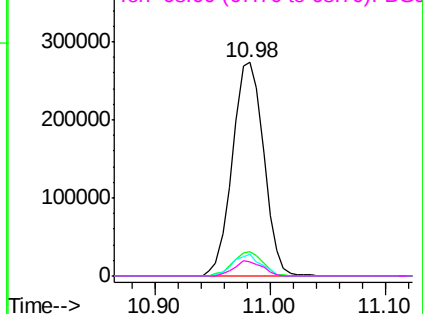
137 11.6 9.6 14.4

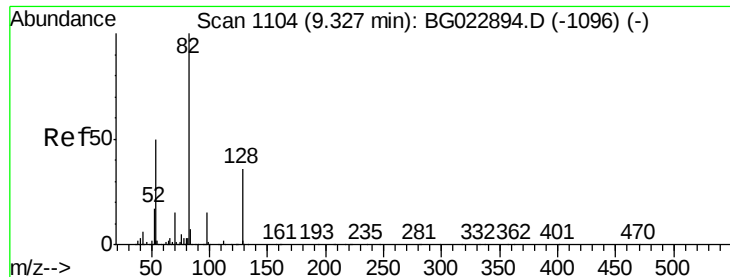
54 10.3 7.3 10.9

68 6.8 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

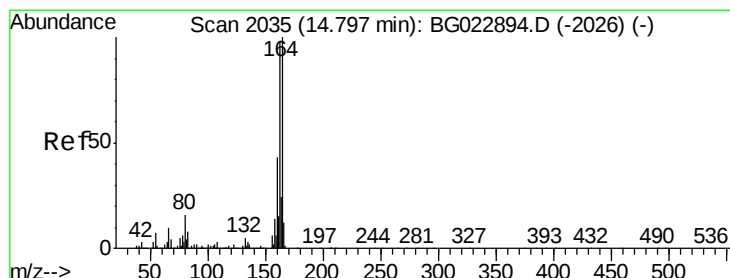
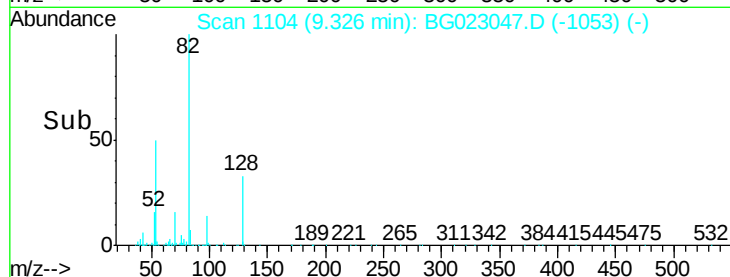
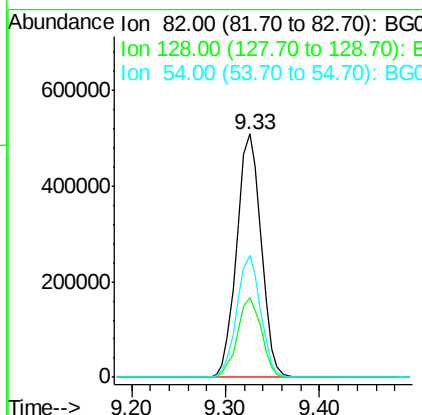
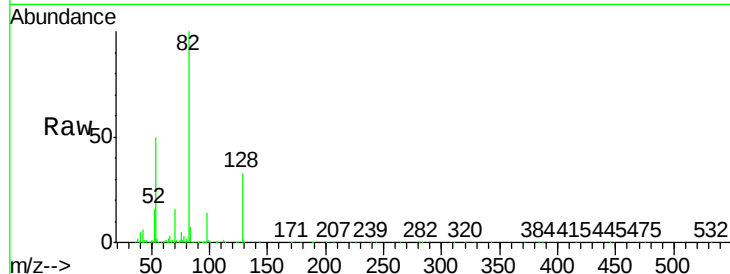




#23
 Nitrobenzene-d5
 Concen: 76.37 ng
 RT: 9.33 min Scan# 1104
 Delta R.T. -0.00 min
 Lab File: BG023047.D
 Acq: 12 Jul 2016 22:06

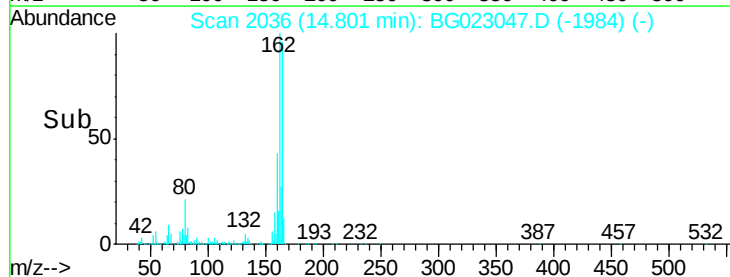
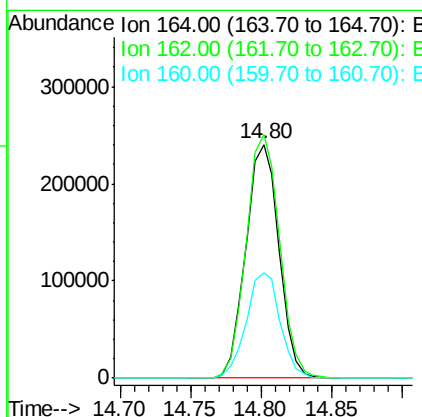
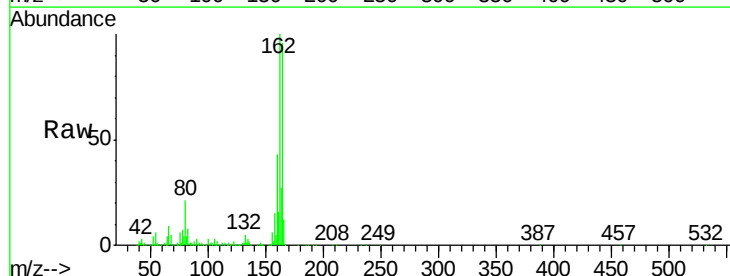
Instrument :
 BNA_G
 ClientSampleId :
 LOCATION-22A-9-11

Tot Ion	82	Resp	917619
Ion Ratio	Lower	Upper	
82	100		
128	32.8	24.4	36.6
54	50.1	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: BG023047.D
 Acq: 12 Jul 2016 22:06

Tgt Ion	164	Resp	395992
Ion Ratio	Lower	Upper	
164	100		
162	104.1	87.7	131.5
160	45.0	37.2	55.8

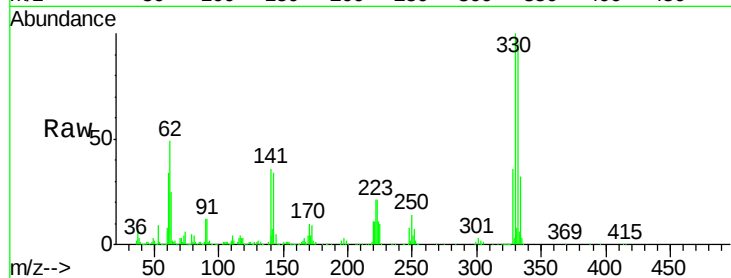




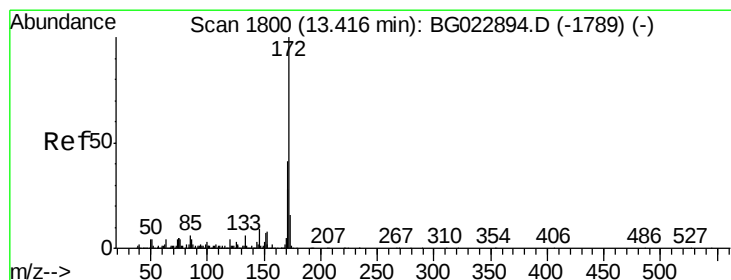
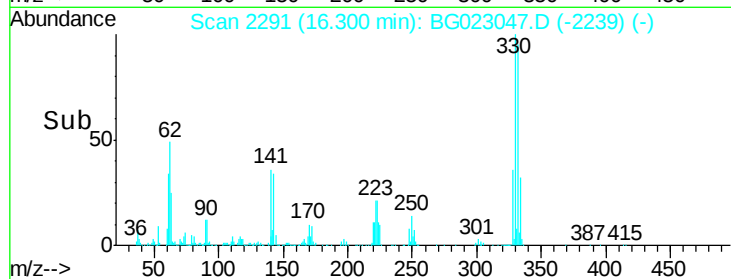
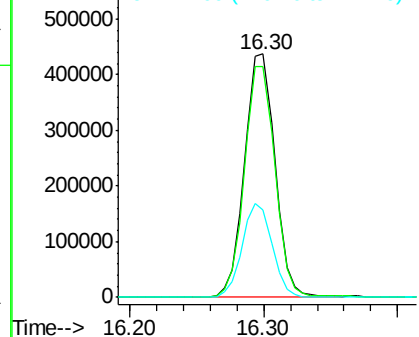
#41
 2,4,6-Tribromophenol
 Concen: 96.69 ng
 RT: 16.30 min Scan# 2291
 Delta R.T. 0.00 min
 Lab File: BG023047.D
 Acq: 12 Jul 2016 22:06

Instrument :
 BNA_G
 ClientSampleId :
 LOCATION-22A-9-11

Tot Ion:330 Resp: 688160
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.4 116.2
 141 38.3 31.7 47.5

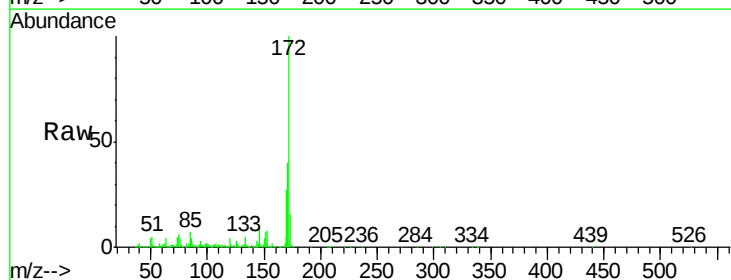


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

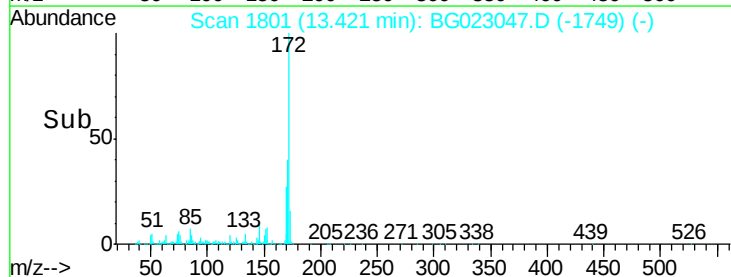
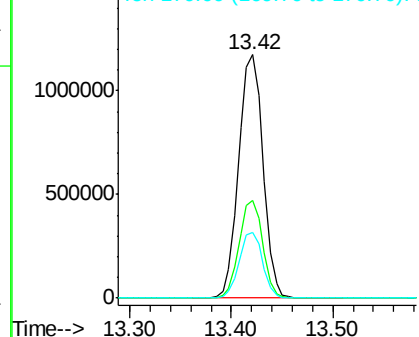


#44
 2-Fluorobiphenyl
 Concen: 78.14 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: BG023047.D
 Acq: 12 Jul 2016 22:06

Tgt Ion:172 Resp: 1964442
 Ion Ratio Lower Upper
 172 100
 171 40.1 31.6 47.4
 170 27.1 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





#49

Dimethylphthalate

Concen: 14.74 ng

RT: 14.24 min Scan# 1940

Delta R.T. -0.01 min

Lab File: BG023047.D

Acq: 12 Jul 2016 22:06

Instrument :

BNA_G

ClientSampleId :

LOCATION-22A-9-11

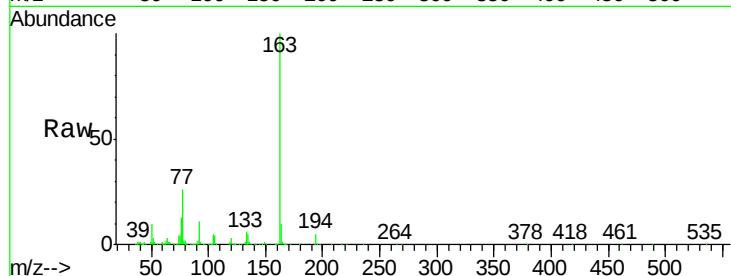
Tot Ion:163 Resp: 476657

Ion Ratio Lower Upper

163 100

194 4.6 3.6 5.4

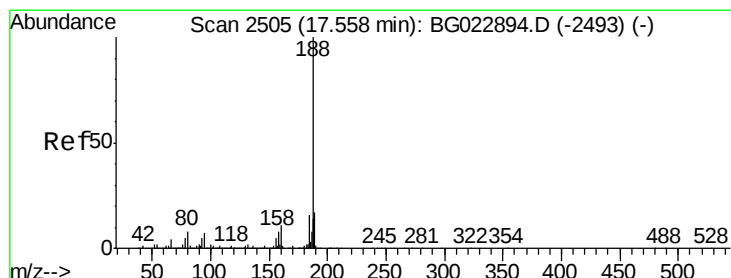
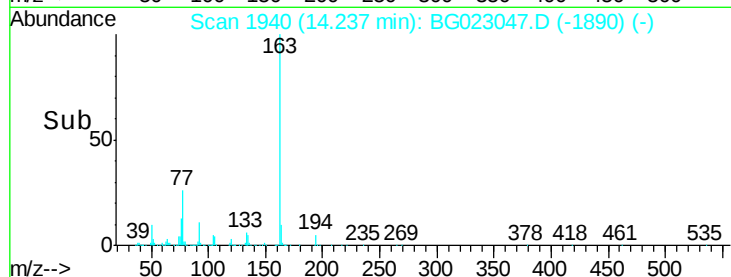
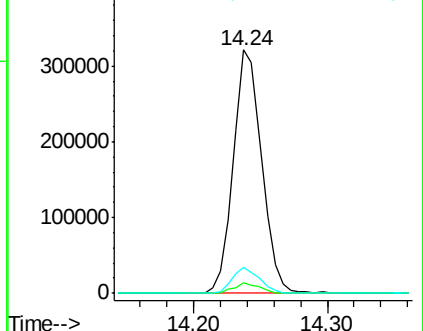
164 10.4 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.56 min Scan# 2505

Delta R.T. -0.00 min

Lab File: BG023047.D

Acq: 12 Jul 2016 22:06

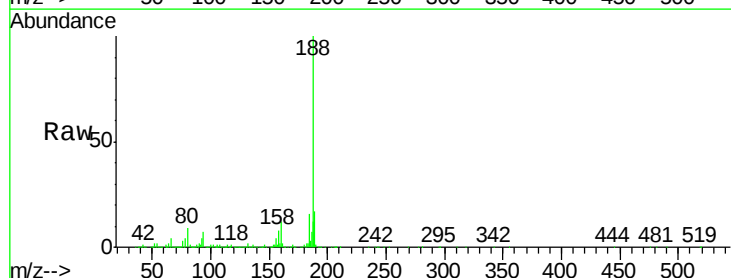
Tgt Ion:188 Resp: 900124

Ion Ratio Lower Upper

188 100

94 6.9 5.2 7.8

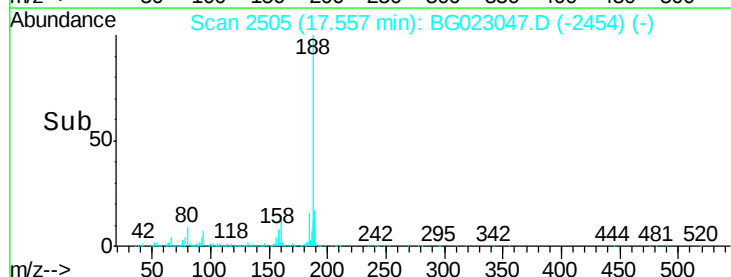
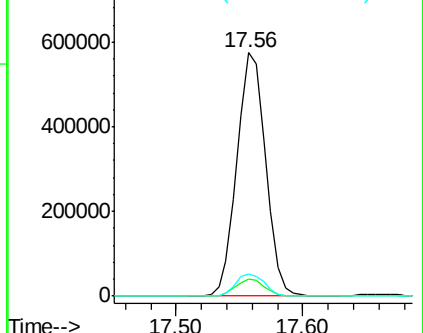
80 9.2 7.2 10.8

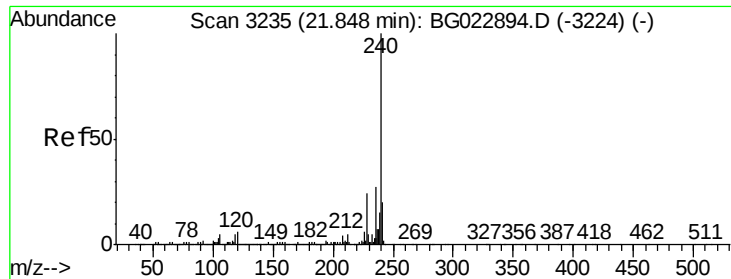


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

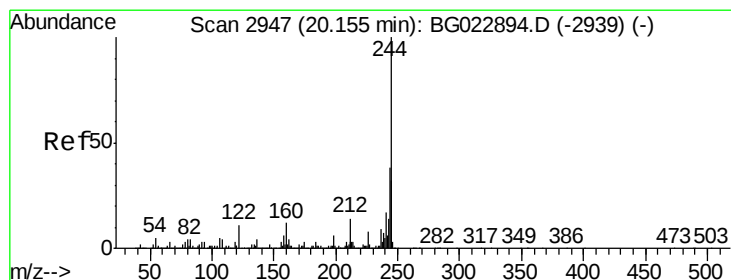
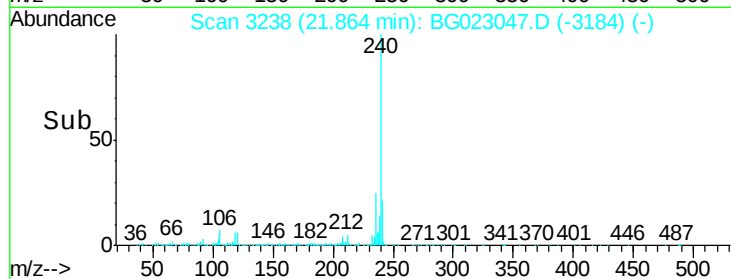
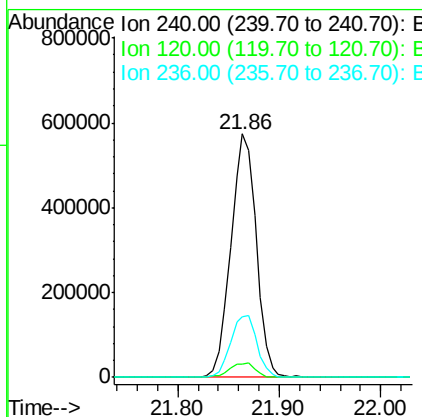
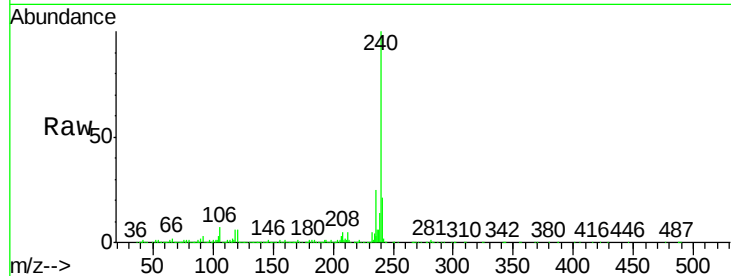




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.86 min Scan# 3238
 Delta R.T. 0.02 min
 Lab File: BG023047.D
 Acq: 12 Jul 2016 22:06

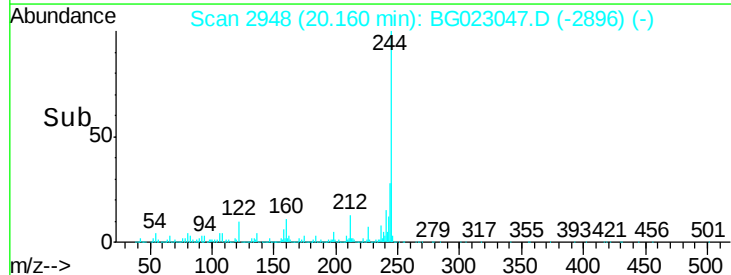
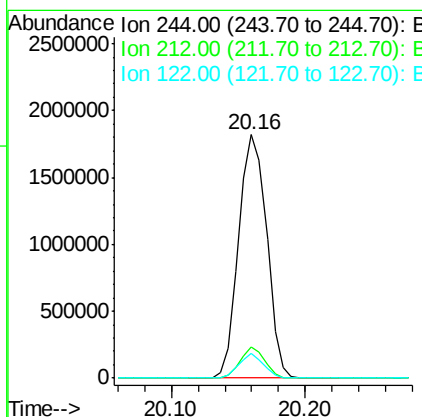
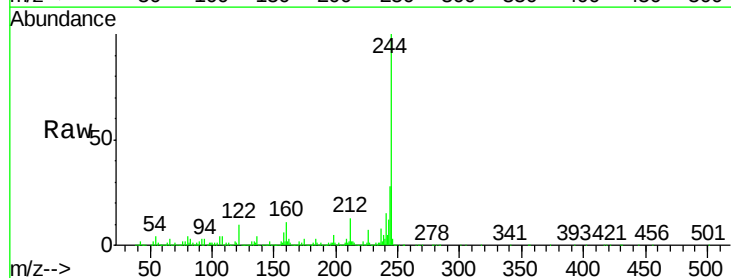
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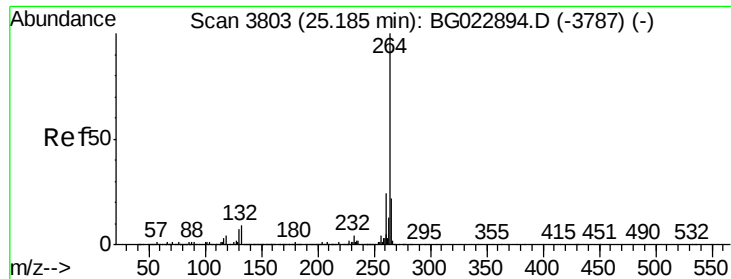
Tot Ion:240	Resp:	992055
Ion Ratio	Lower	Upper
240	100	
120	5.6	4.1 6.1
236	24.7	21.1 31.7



#78
 Terphenyl-d14
 Concen: 84.44 ng
 RT: 20.16 min Scan# 2948
 Delta R.T. 0.00 min
 Lab File: BG023047.D
 Acq: 12 Jul 2016 22:06

Tgt Ion:244	Resp:	2647765
Ion Ratio	Lower	Upper
244	100	
212	12.9	10.8 16.2
122	10.2	8.0 12.0

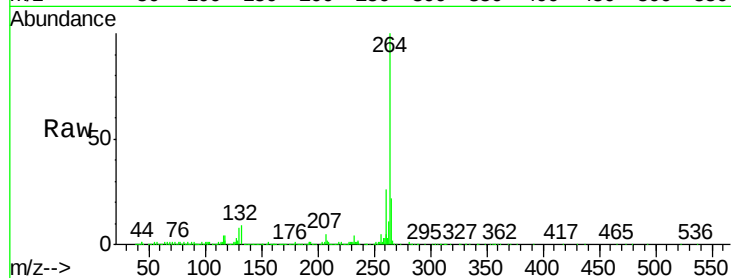




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.25 min Scan# 3814
 Delta R.T. 0.06 min
 Lab File: BG023047.D
 Acq: 12 Jul 2016 22:06

Instrument :
 BNA_G
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	25.7	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

