

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071216\
 Data File : BG023043.D
 Acq On : 12 Jul 2016 19:25
 Operator : UM/SJ
 Sample : H3967-07RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S22-0009RE

Quant Time: Jul 13 01:41:36 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

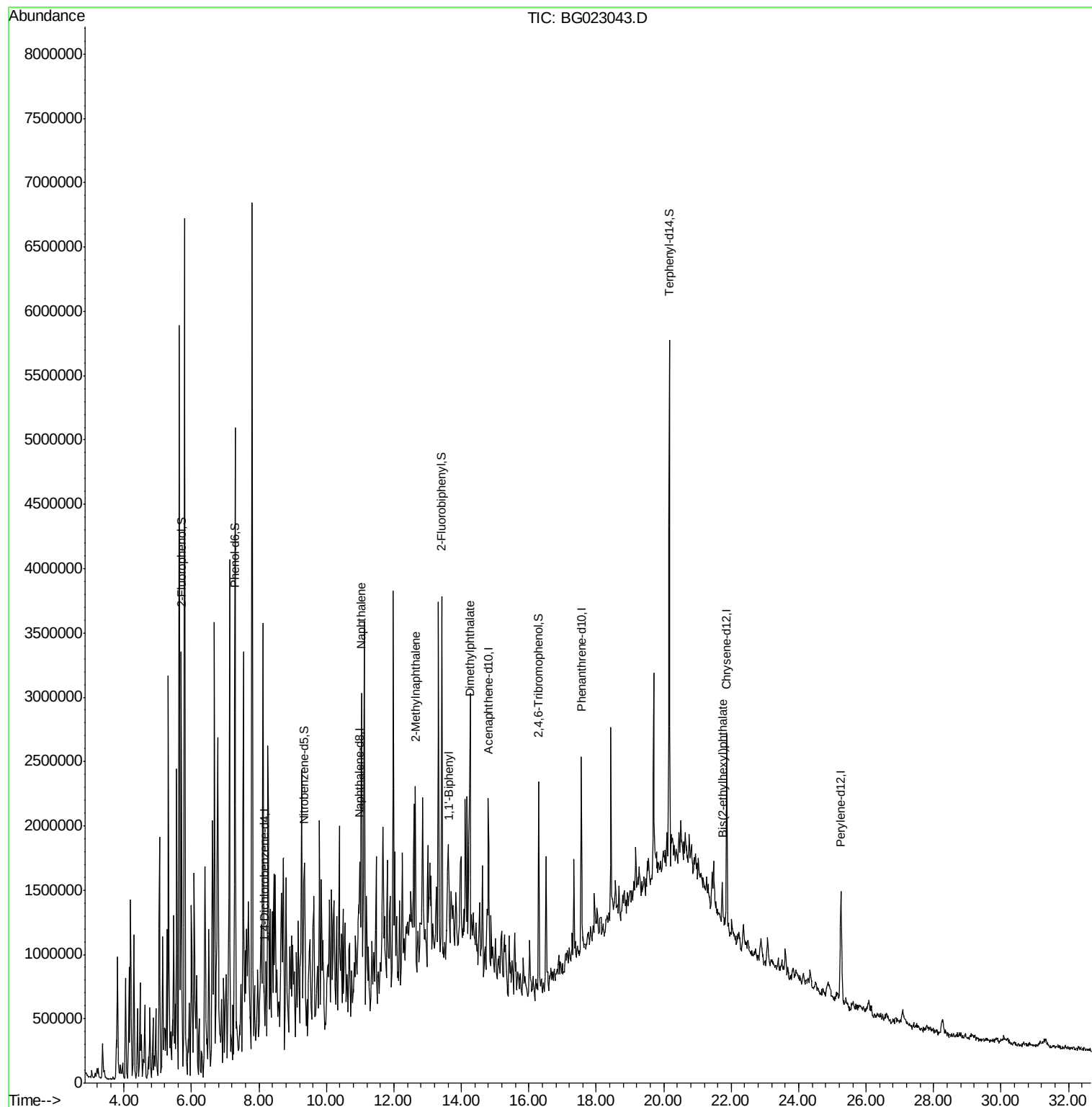
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	115663	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	532356	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	387394	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	846261	20.00	ng	0.00
75) Chrysene-d12	21.87	240	936569	20.00	ng	0.02
86) Perylene-d12	25.25	264	974868	20.00	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	180945	25.59	ng	0.00
7) Phenol-d6	7.30	99	209098	18.88	ng	0.00
23) Nitrobenzene-d5	9.32	82	693768	55.80	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	297130	42.68	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1397623	56.83	ng	0.00
78) Terphenyl-d14	20.16	244	1685557	47.83	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	11.03	128	1460363	53.89	ng	97
37) 2-Methylnaphthalene	12.63	142	670125	31.29	ng	96
45) 1,1'-Biphenyl	13.63	154	88474	3.04	ng	96
49) Dimethylphthalate	14.24	163	365740	11.56	ng	97
83) Bis(2-ethylhexyl)phthalate	21.73	149	71380	2.47	ng	97

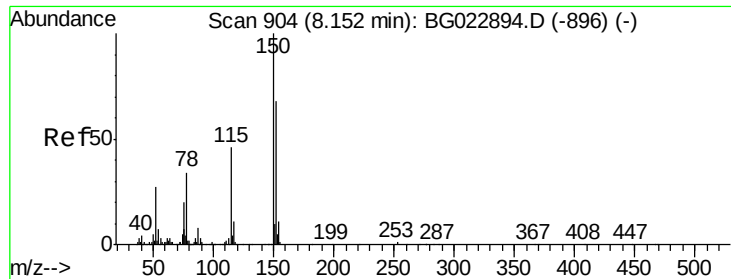
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.15 min Scan# 905

Delta R.T. 0.00 min

Lab File: BG023043.D

Acq: 12 Jul 2016 19:25

Instrument :

BNA_G

ClientSampleId :

S22-0009RE

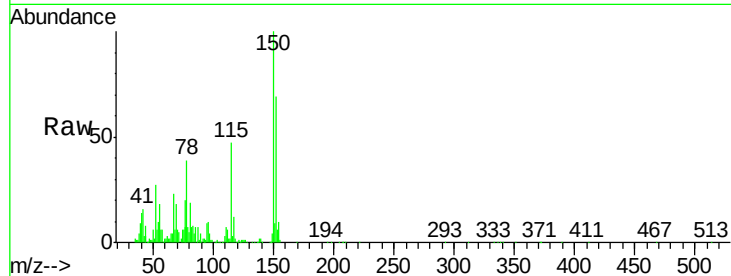
Tot Ion:152 Resp: 115663

Ion Ratio Lower Upper

152 100

150 145.6 144.7 217.1

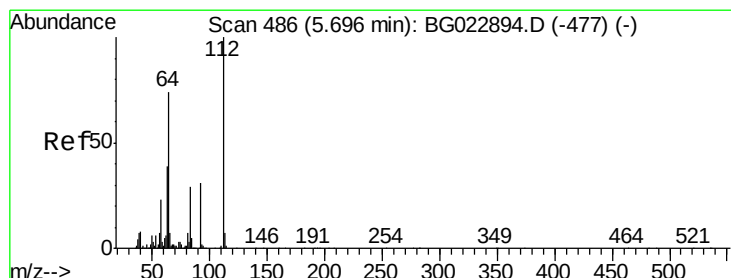
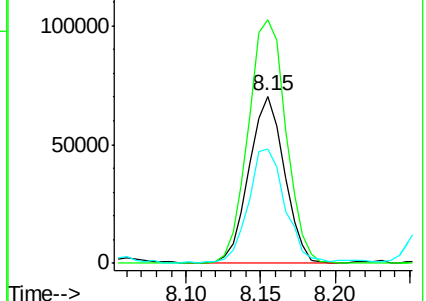
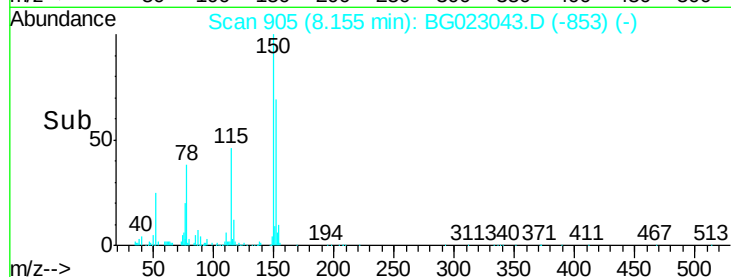
115 68.7 64.0 96.0



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: 25.59 ng

RT: 5.70 min Scan# 487

Delta R.T. 0.00 min

Lab File: BG023043.D

Acq: 12 Jul 2016 19:25

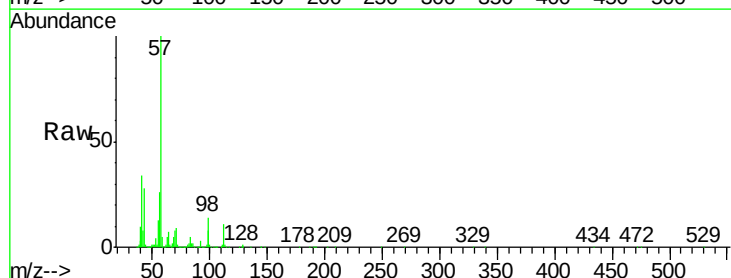
Tgt Ion:112 Resp: 180945

Ion Ratio Lower Upper

112 100

64 64.0 59.0 88.4

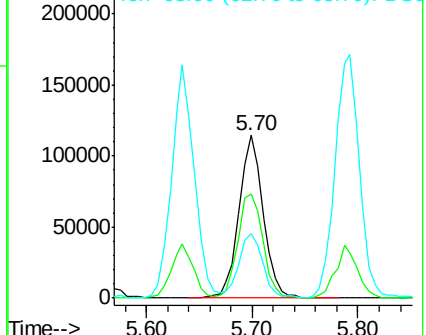
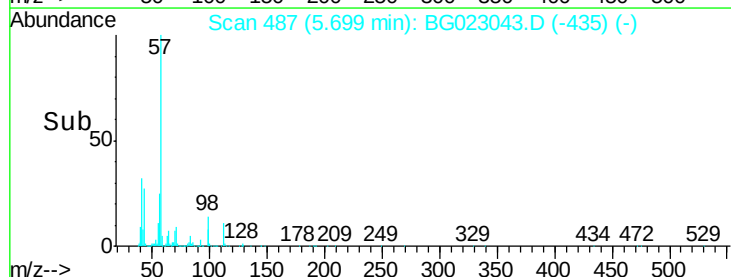
63 39.3 37.8 56.8

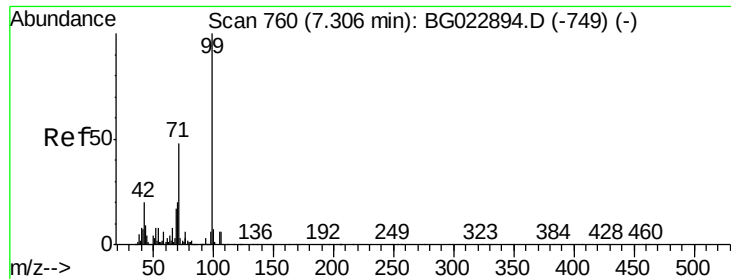


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 18.88 ng

RT: 7.30 min Scan# 760

Delta R.T. -0.00 min

Lab File: BG023043.D

Acq: 12 Jul 2016 19:25

Instrument :

BNA_G

ClientSampleId :

S22-0009RE

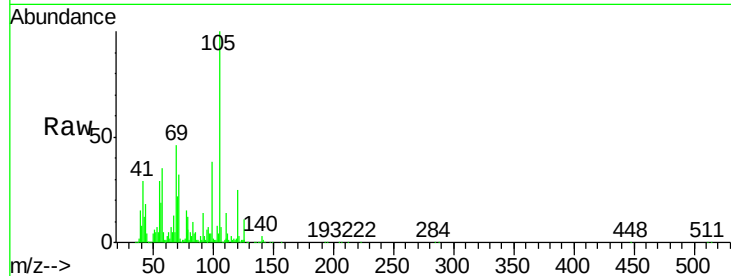
Tot Ion: 99 Resp: 209098

Ion Ratio Lower Upper

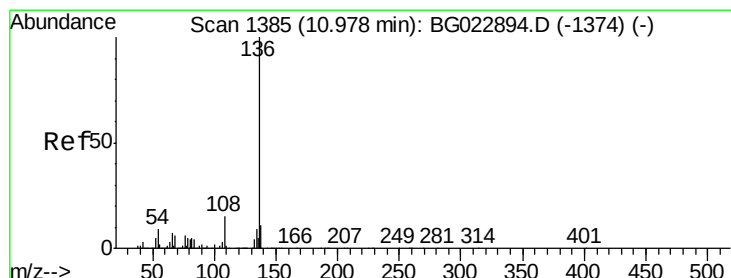
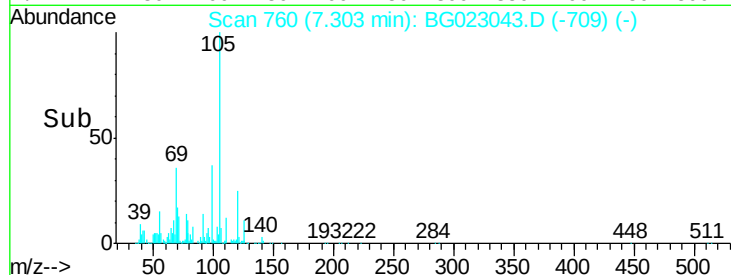
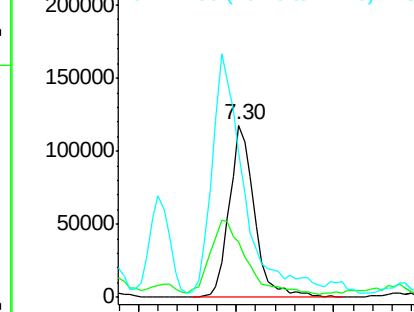
99 100

42 32.3 17.8 26.6#

71 84.5 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: BG023043.D

Acq: 12 Jul 2016 19:25

Tgt Ion: 136 Resp: 532356

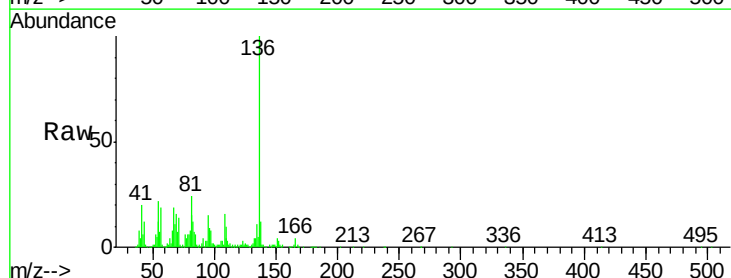
Ion Ratio Lower Upper

136 100

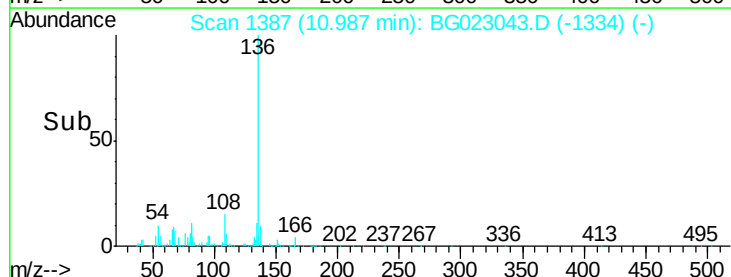
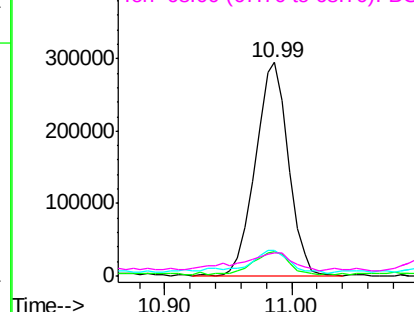
137 11.5 9.6 14.4

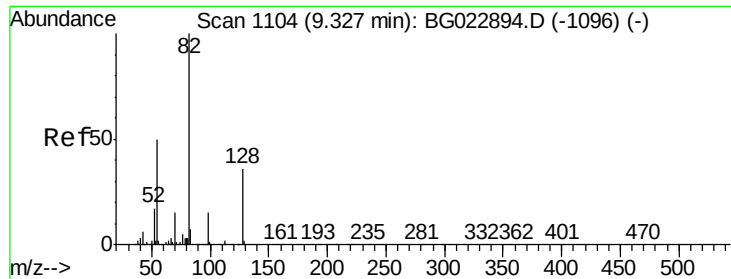
54 12.2 7.3 10.9#

68 10.7 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

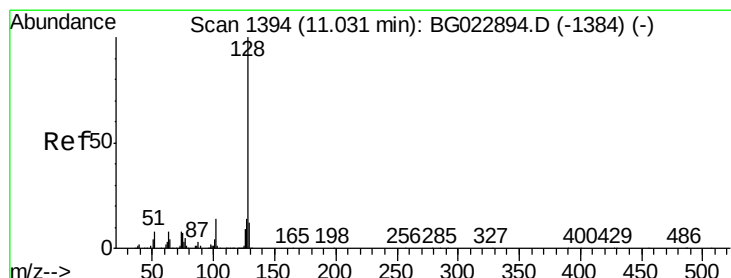
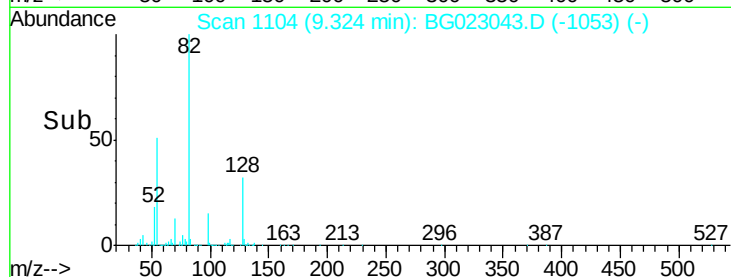
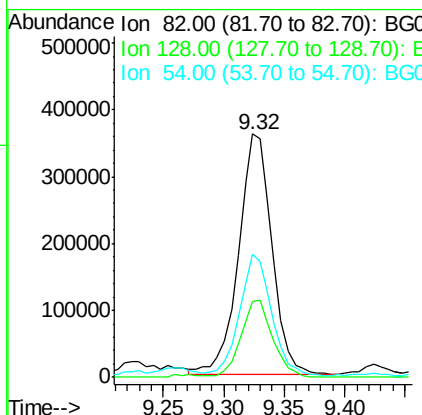
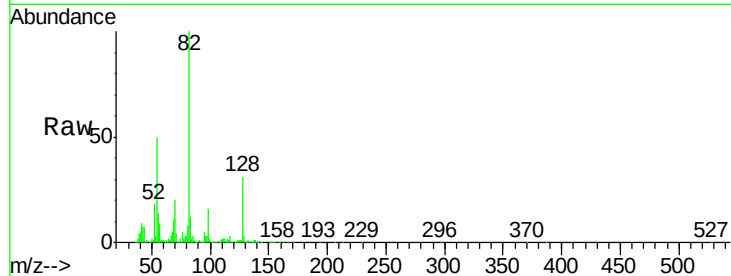




#23
 Nitrobenzene-d5
 Concen: 55.80 ng
 RT: 9.32 min Scan# 1104
 Delta R.T. -0.00 min
 Lab File: BG023043.D
 Acq: 12 Jul 2016 19:25

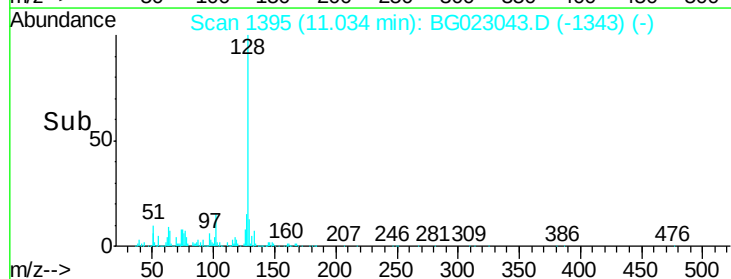
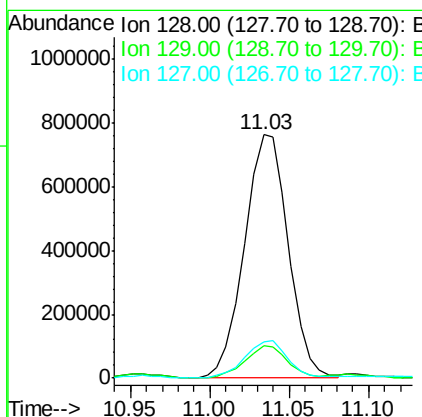
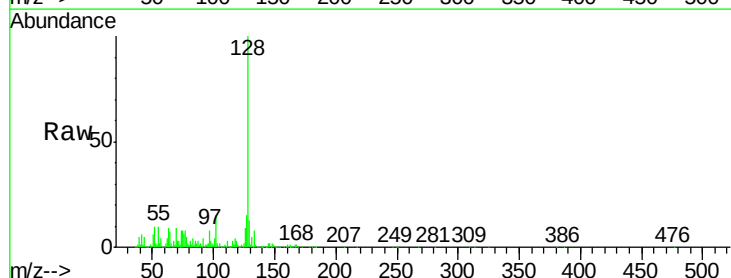
Instrument :
 BNA_G
 ClientSampleId :
 S22-0009RE

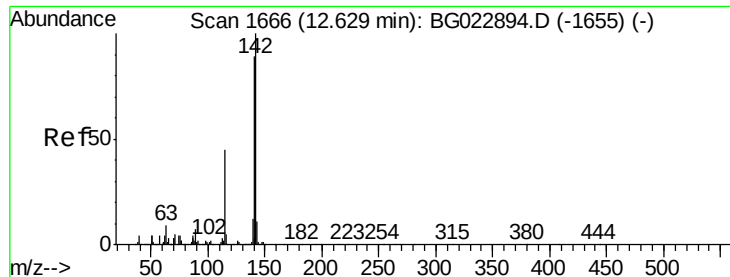
Tot Ion	82	Resp	693768
Ion Ratio	Lower	Upper	
82	100		
128	31.2	24.4	36.6
54	50.4	41.4	62.0



#31
 Naphthalene
 Concen: 53.89 ng
 RT: 11.03 min Scan# 1395
 Delta R.T. 0.00 min
 Lab File: BG023043.D
 Acq: 12 Jul 2016 19:25

Tgt Ion	128	Resp	1460363
Ion Ratio	Lower	Upper	
128	100		
129	13.3	9.4	14.0
127	15.0	11.3	16.9

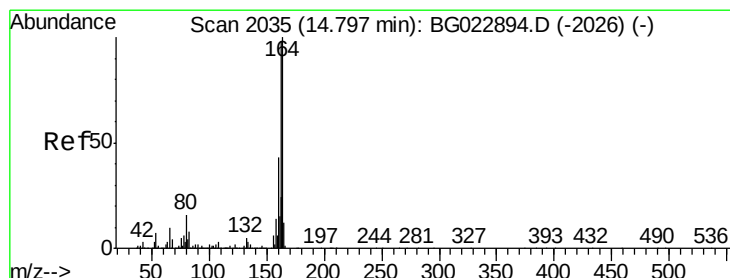
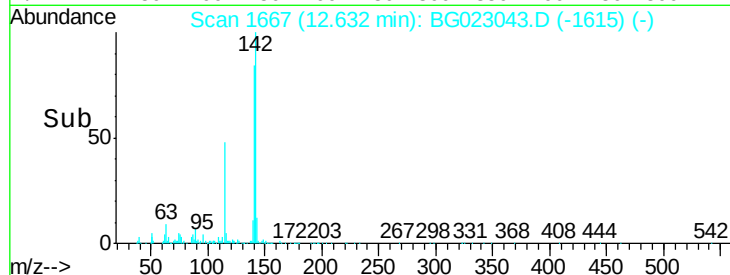
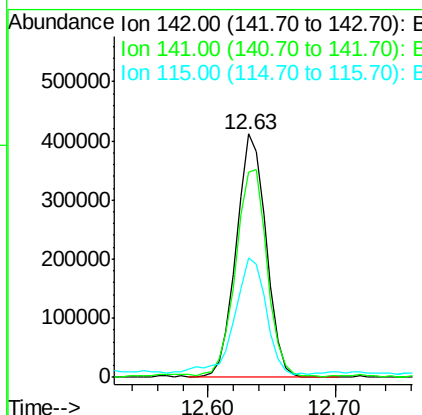
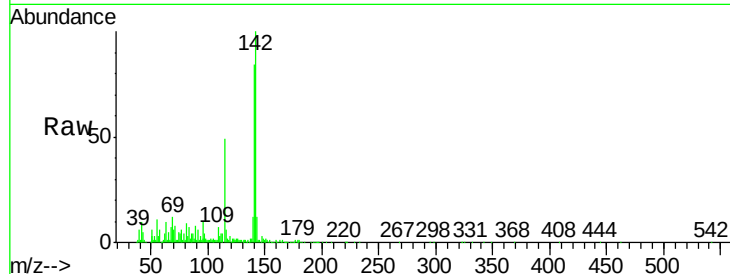




#37
 2-Methylnaphthalene
 Concen: 31.29 ng
 RT: 12.63 min Scan# 1667
 Delta R.T. 0.00 min
 Lab File: BG023043.D
 Acq: 12 Jul 2016 19:25

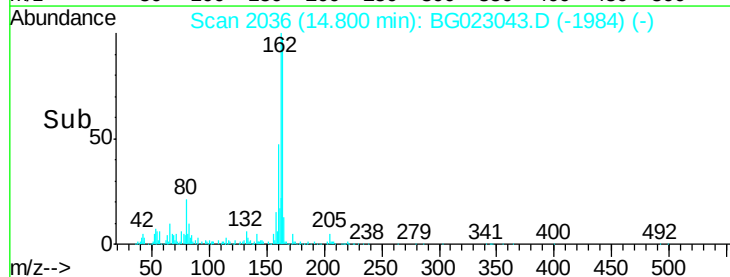
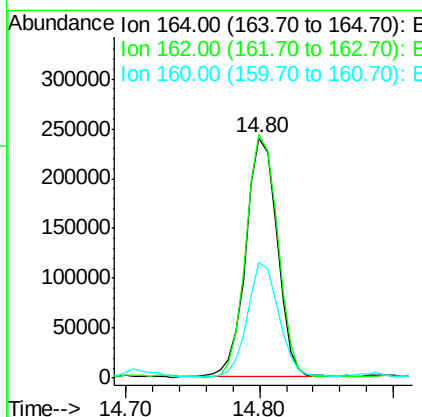
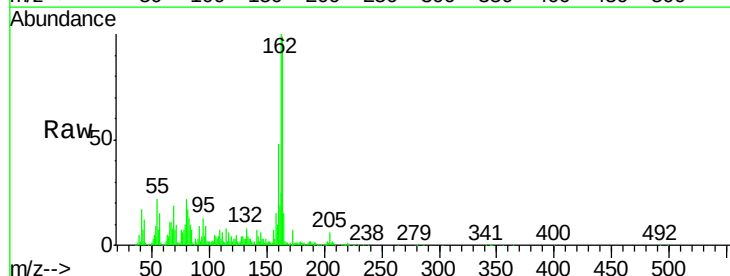
Instrument :
 BNA_G
 ClientSampleId :
 S22-0009RE

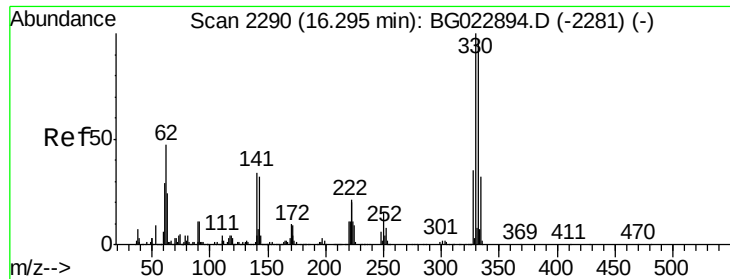
Tot Ion:142 Resp: 670125
 Ion Ratio Lower Upper
 142 100
 141 84.4 70.2 105.2
 115 49.2 41.7 62.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: BG023043.D
 Acq: 12 Jul 2016 19:25

Tgt Ion:164 Resp: 387394
 Ion Ratio Lower Upper
 164 100
 162 101.3 87.7 131.5
 160 48.3 37.2 55.8

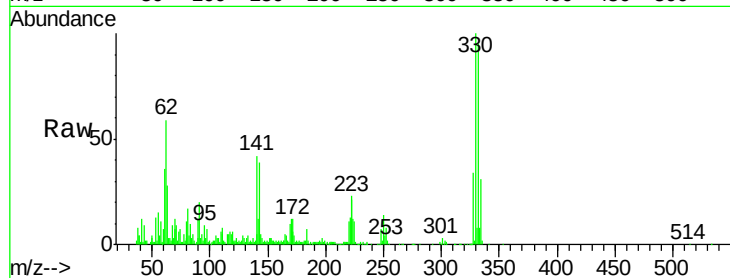




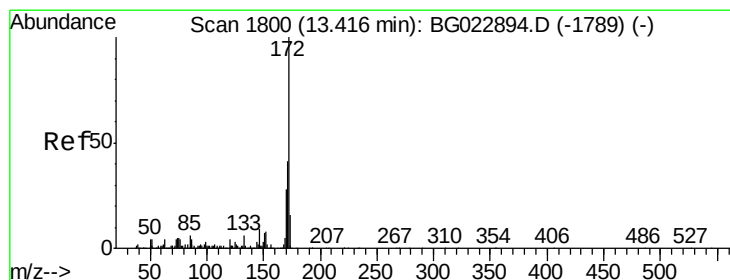
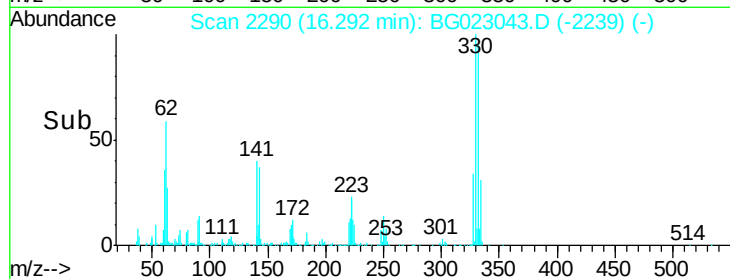
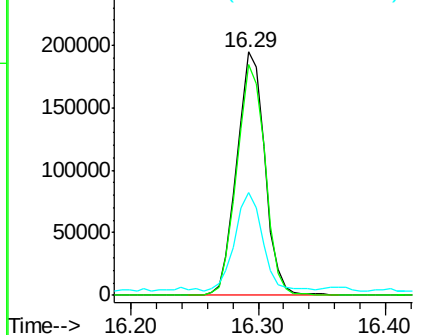
#41
 2,4,6-Tribromophenol
 Concen: 42.68 ng
 RT: 16.29 min Scan# 2290
 Delta R.T. -0.00 min
 Lab File: BG023043.D
 Acq: 12 Jul 2016 19:25

Instrument :
 BNA_G
 ClientSampleId :
 S22-0009RE

Tot Ion:330 Resp: 297130
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.4 116.2
 141 40.6 31.7 47.5

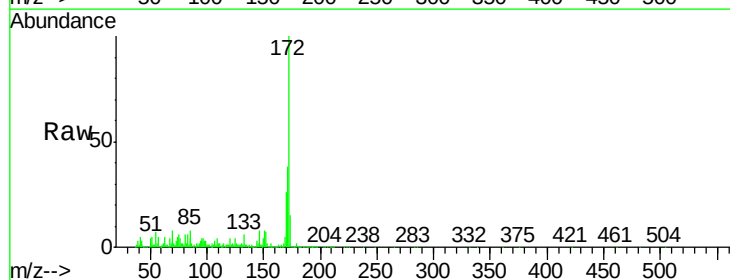


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

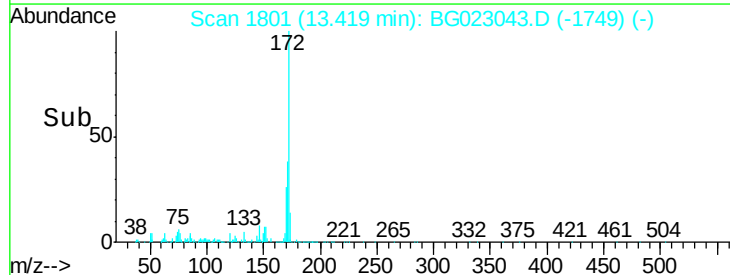
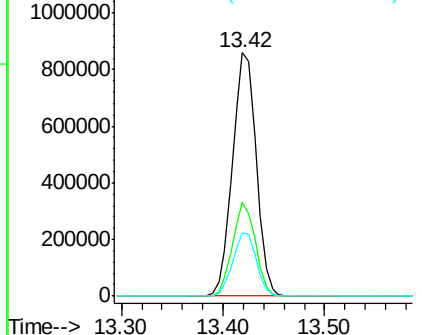


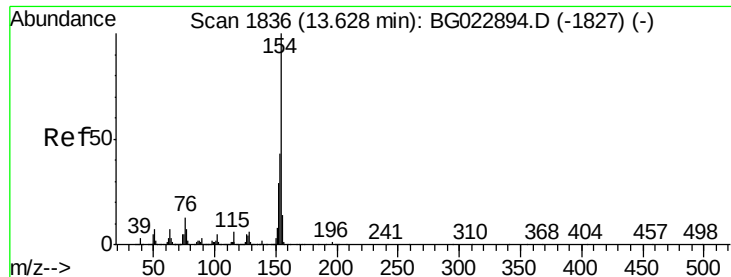
#44
 2-Fluorobiphenyl
 Concen: 56.83 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: BG023043.D
 Acq: 12 Jul 2016 19:25

Tgt Ion:172 Resp: 1397623
 Ion Ratio Lower Upper
 172 100
 171 38.3 31.6 47.4
 170 26.1 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





#45

1,1'-Biphenyl

Concen: 3.04 ng

RT: 13.63 min Scan# 1837

Delta R.T. 0.00 min

Lab File: BG023043.D

Acq: 12 Jul 2016 19:25

Instrument :

BNA_G

ClientSampleId :

S22-0009RE

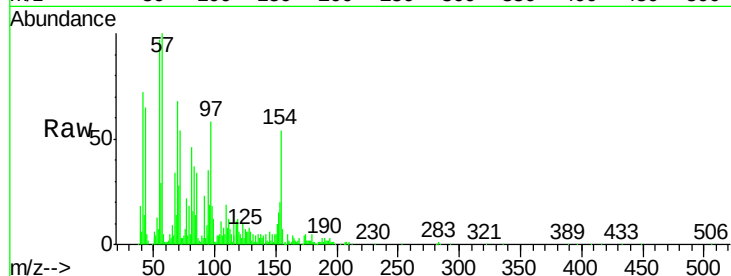
Tot Ion:154 Resp: 88474

Ion Ratio Lower Upper

154 100

153 37.0 20.2 60.2

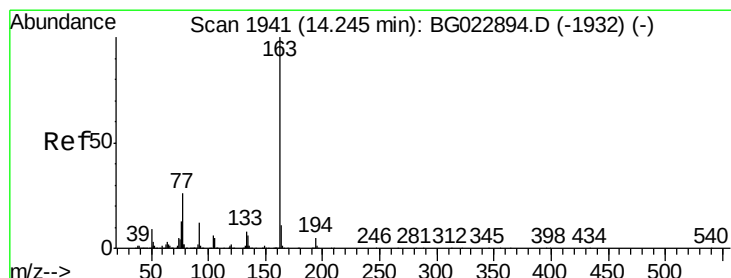
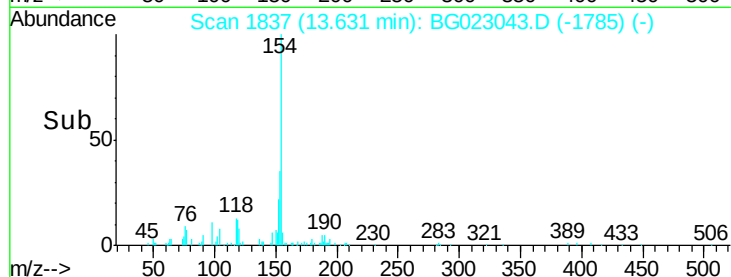
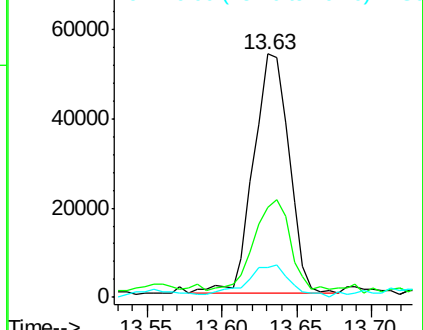
76 12.2 0.0 32.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): B



#49

Dimethylphthalate

Concen: 11.56 ng

RT: 14.24 min Scan# 1941

Delta R.T. -0.00 min

Lab File: BG023043.D

Acq: 12 Jul 2016 19:25

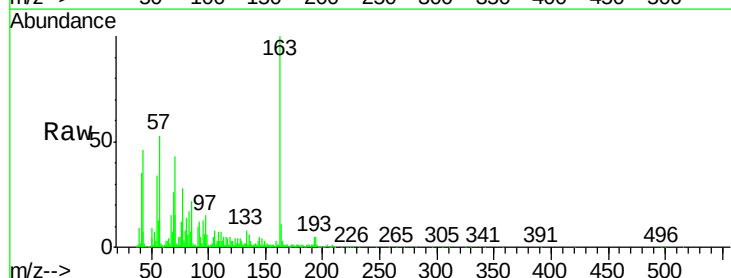
Tgt Ion:163 Resp: 365740

Ion Ratio Lower Upper

163 100

194 5.3 3.6 5.4

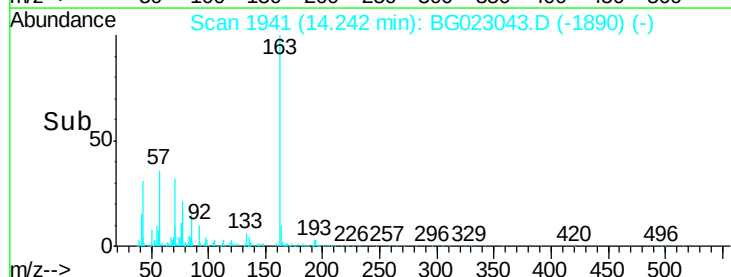
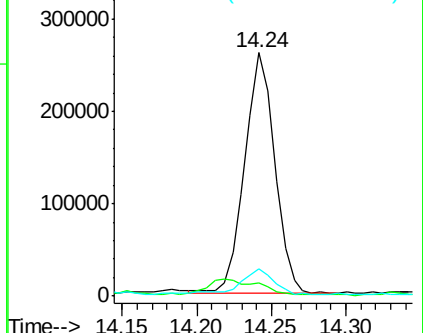
164 11.3 8.1 12.1

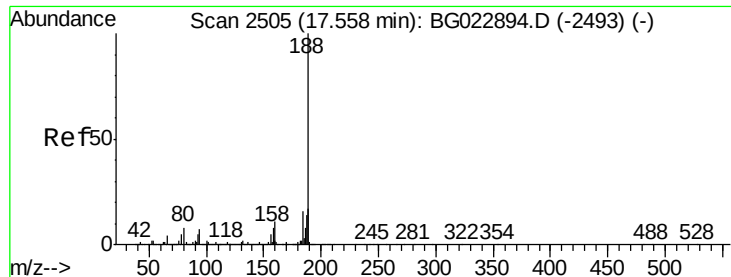


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

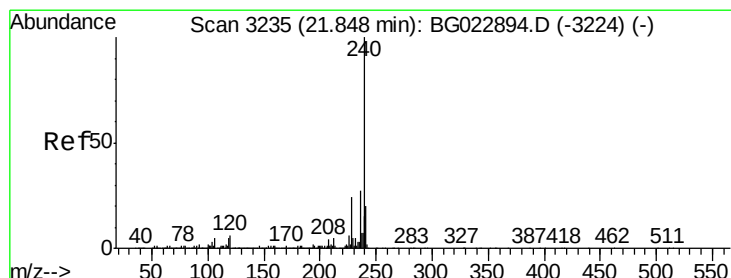
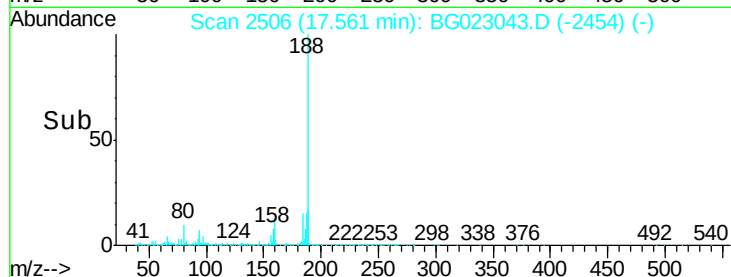
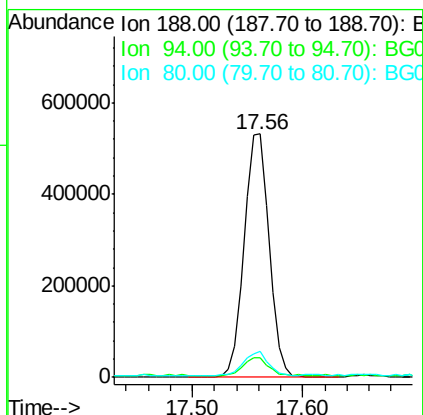
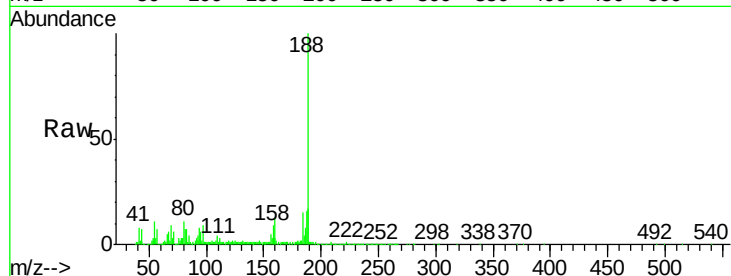




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2506
Delta R.T. 0.00 min
Lab File: BG023043.D
Acq: 12 Jul 2016 19:25

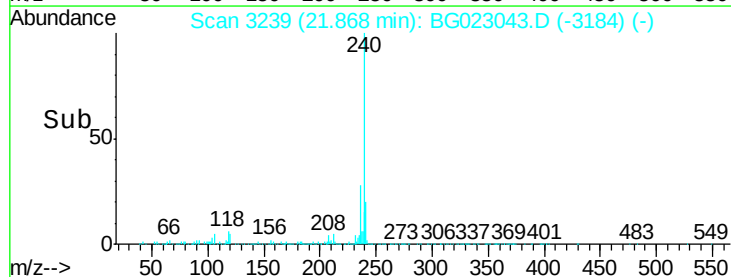
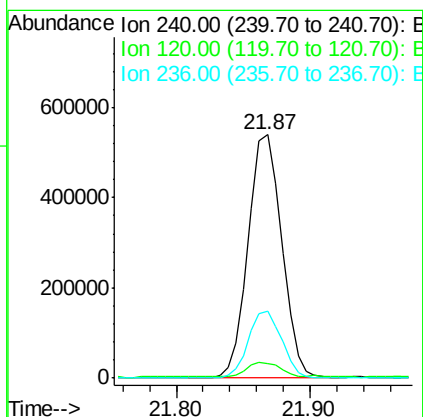
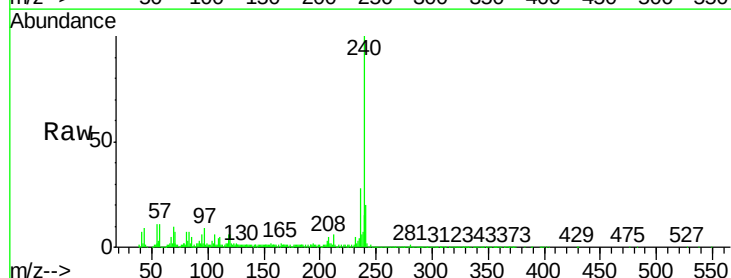
Instrument :
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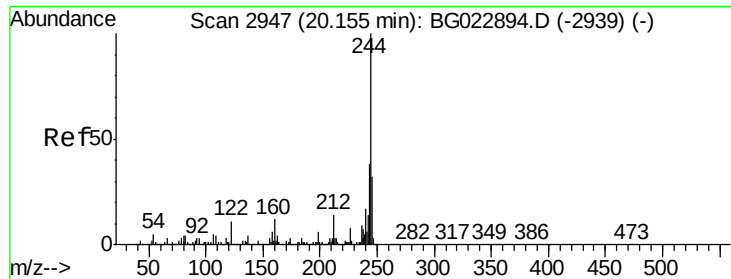
Tot Ion:188 Resp: 846261
Ion Ratio Lower Upper
188 100
94 7.9 5.2 7.8#
80 10.5 7.2 10.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.87 min Scan# 3239
Delta R.T. 0.02 min
Lab File: BG023043.D
Acq: 12 Jul 2016 19:25

Tgt Ion:240 Resp: 936569
Ion Ratio Lower Upper
240 100
120 6.0 4.1 6.1
236 27.8 21.1 31.7





#78

Terphenyl-d14

Concen: 47.83 ng

RT: 20.16 min Scan# 2949

Delta R.T. 0.01 min

Lab File: BG023043.D

Acq: 12 Jul 2016 19:25

Instrument :

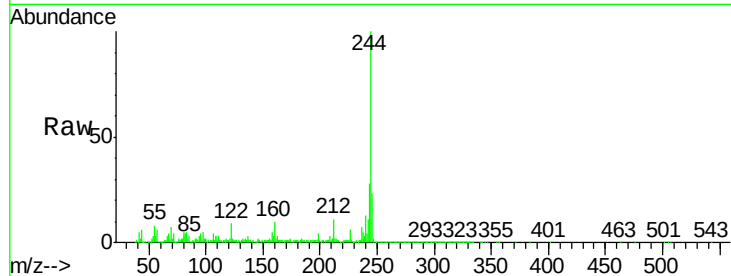
BNA_G

ClientSampleId :

S22-0009RE

Tot Ion:244 Resp: 1685557

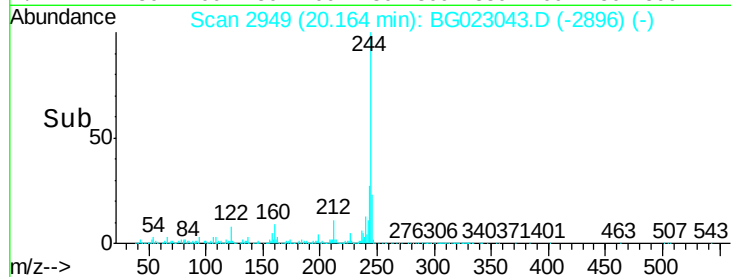
Ion	Ratio	Lower	Upper
244	100		
212	11.2	10.8	16.2
122	8.7	8.0	12.0



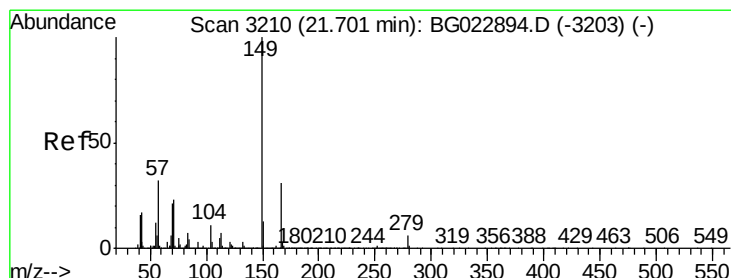
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.47 ng

RT: 21.73 min Scan# 3215

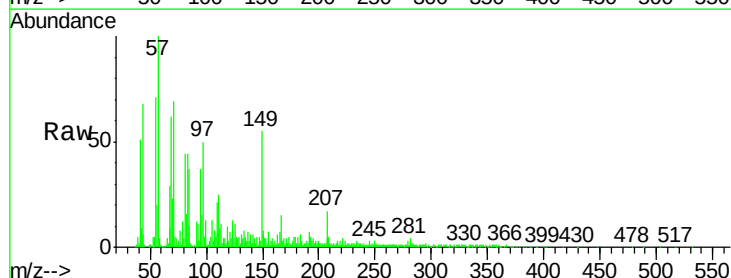
Delta R.T. 0.03 min

Lab File: BG023043.D

Acq: 12 Jul 2016 19:25

Tgt Ion:149 Resp: 71380

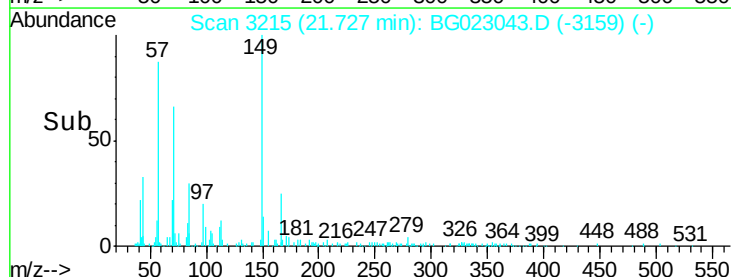
Ion	Ratio	Lower	Upper
149	100		
167	28.2	24.0	36.0
279	6.2	4.8	7.2



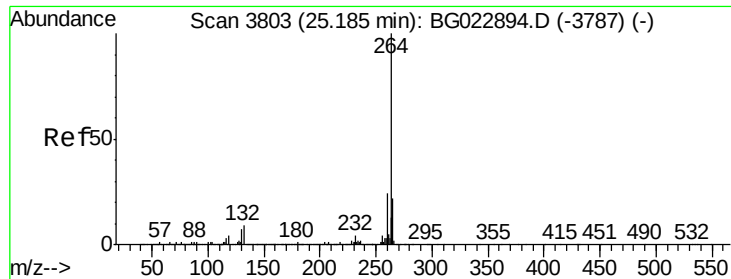
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.25 min Scan# 3815
 Delta R.T. 0.07 min
 Lab File: BG023043.D
 Acq: 12 Jul 2016 19:25

Instrument :
 BNA_G
 ClientSampleId :
 S22-0009RE

Tot Ion	Ratio	Lower	Upper
264	100		
260	26.0	18.4	27.6
265	21.0	18.9	28.3

