

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091616\
 Data File : BG024004.D
 Acq On : 16 Sep 2016 21:53
 Operator : UM/SJ
 Sample : H4813-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-3

Quant Time: Sep 17 00:11:37 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 09 16:24:09 2016
 Response via : Initial Calibration

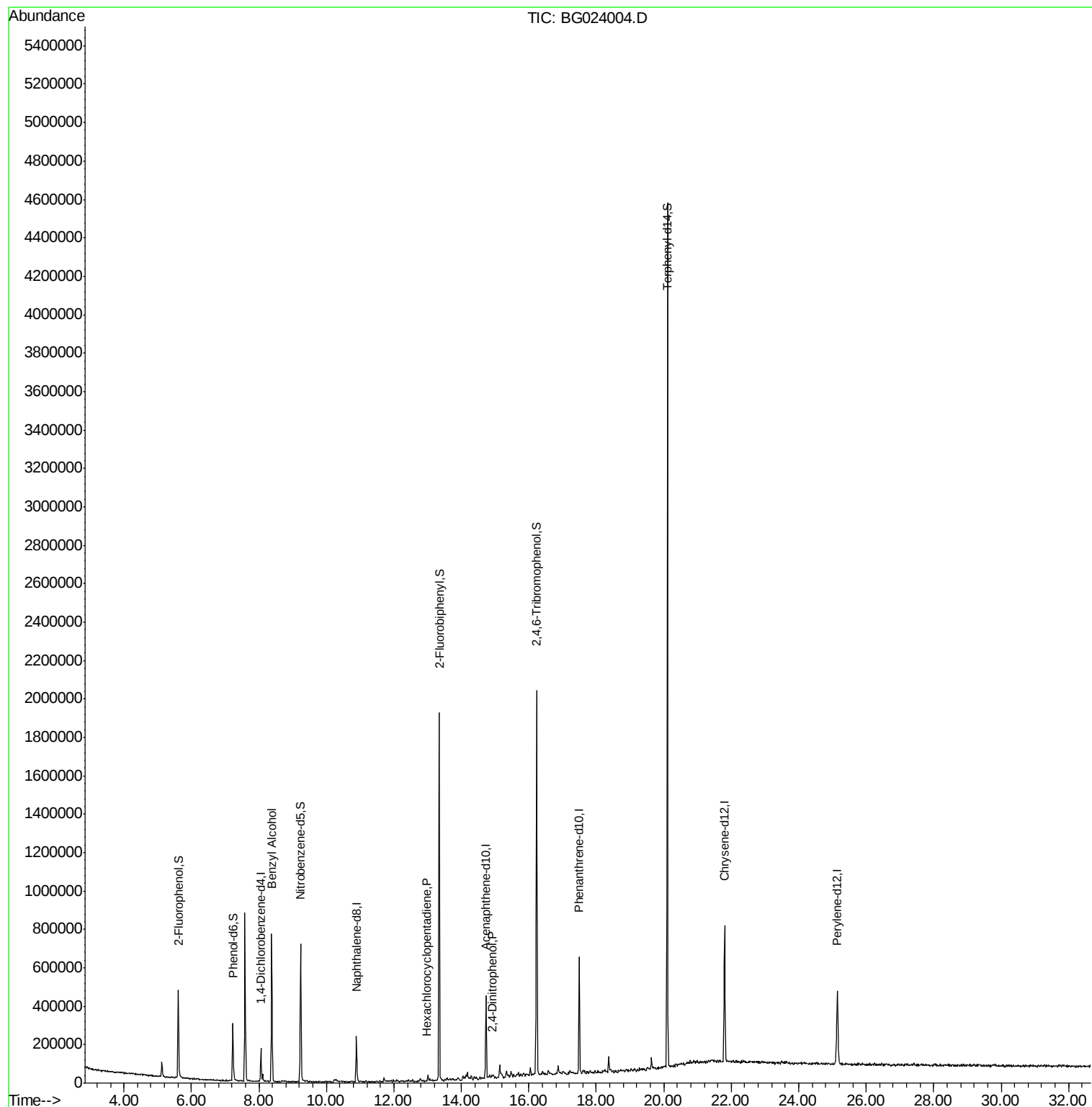
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	40966	20.00	ng	-0.05
21) Naphthalene-d8	10.89	136	182632	20.00	ng	-0.05
38) Acenaphthene-d10	14.73	164	156894	20.00	ng	-0.04
63) Phenanthrene-d10	17.49	188	358421	20.00	ng	-0.04
75) Chrysene-d12	21.80	240	452946	20.00	ng	-0.04
86) Perylene-d12	25.15	264	449379	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	185539	79.52	ng	-0.04
7) Phenol-d6	7.22	99	172490	48.02	ng	-0.05
23) Nitrobenzene-d5	9.24	82	446242	109.08	ng	-0.05
41) 2,4,6-Tribromophenol	16.23	330	354703	125.48	ng	-0.04
44) 2-Fluorobiphenyl	13.34	172	928983	84.89	ng	-0.04
78) Terphenyl-d14	20.10	244	1754591	88.22	ng	-0.03
Target Compounds						
15) Benzyl Alcohol	8.39	79	7923	2.50	ng	# 45
40) Hexachlorocyclopentadiene	12.97	237	110	7.11	ng	# 26
53) 2,4-Dinitrophenol	14.92	184	70	6.54	ng	# 1

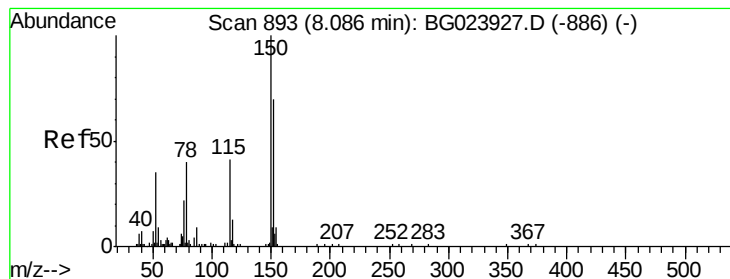
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.06 min Scan# 888

Delta R.T. -0.05 min

Lab File: BG024004.D

Acq: 16 Sep 2016 21:53

Instrument :

BNA_G

ClientSampleId :

SB-3

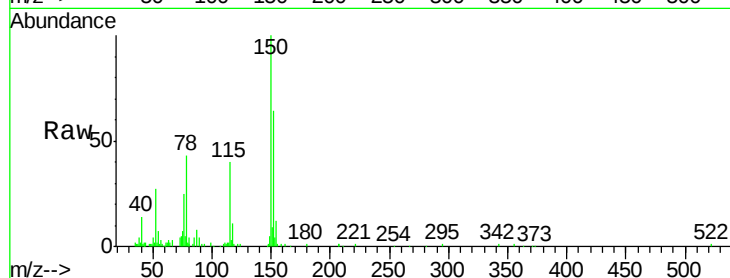
Tgt Ion:152 Resp: 40966

Ion Ratio Lower Upper

152 100

150 155.8 144.7 217.1

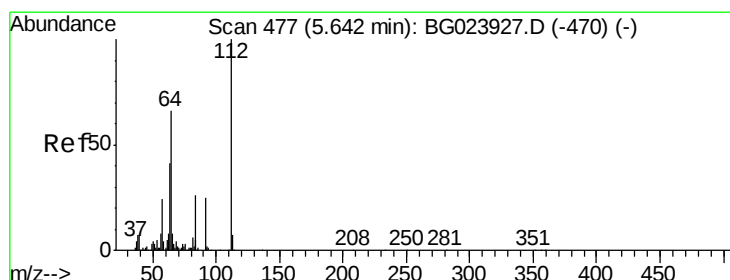
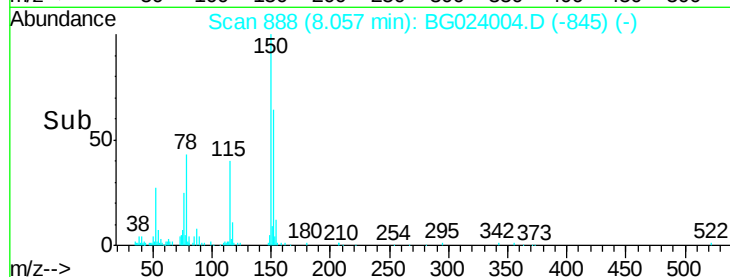
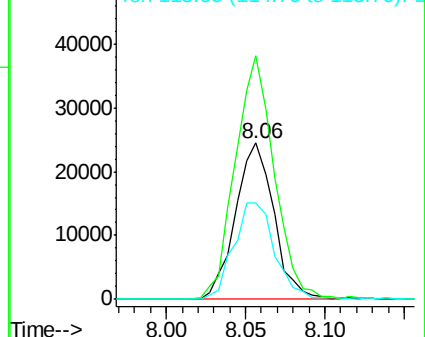
115 61.6 64.0 96.0#



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: 79.52 ng

RT: 5.61 min Scan# 471

Delta R.T. -0.04 min

Lab File: BG024004.D

Acq: 16 Sep 2016 21:53

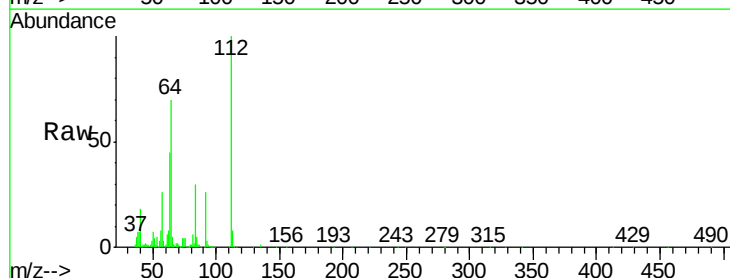
Tgt Ion:112 Resp: 185539

Ion Ratio Lower Upper

112 100

64 70.5 59.0 88.4

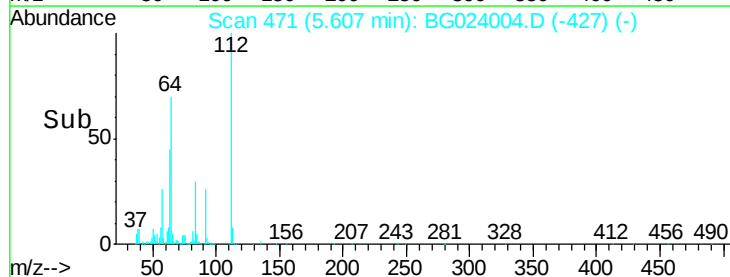
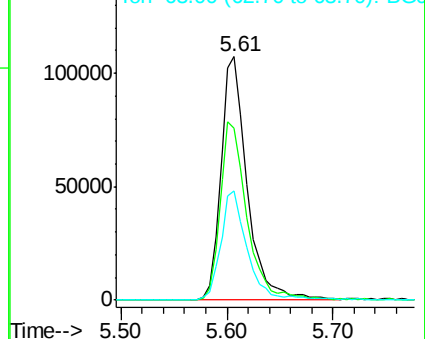
63 45.0 37.8 56.8

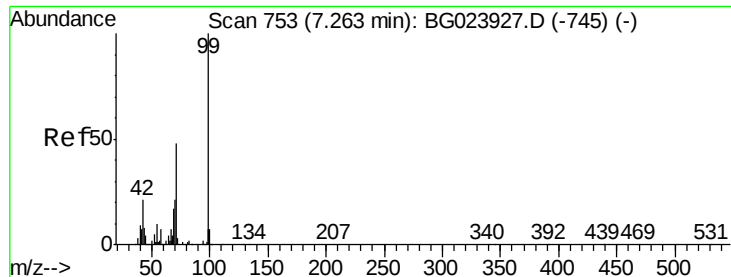


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 48.02 ng

RT: 7.22 min Scan# 746

Delta R.T. -0.05 min

Lab File: BG024004.D

Acq: 16 Sep 2016 21:53

Instrument :

BNA_G

ClientSampleId :

SB-3

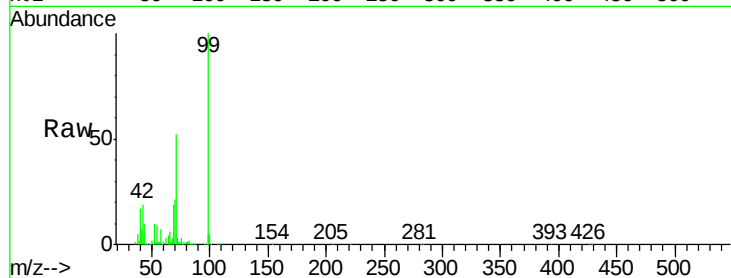
Tgt Ion: 99 Resp: 172490

Ion Ratio Lower Upper

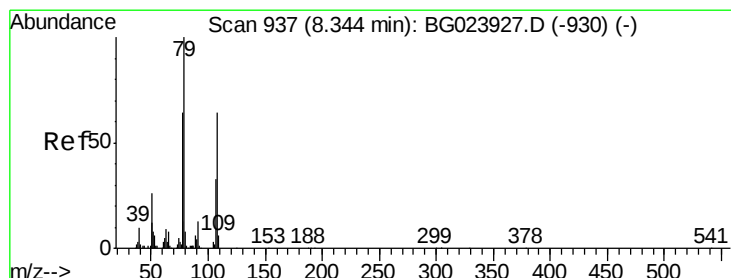
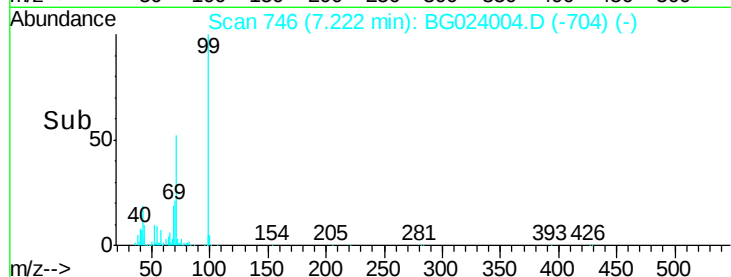
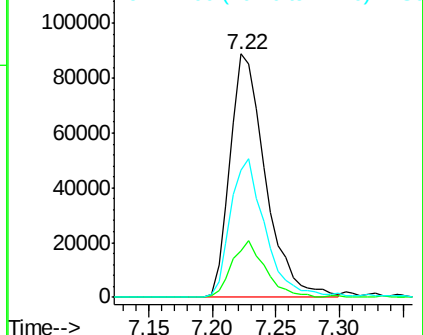
99 100

42 19.2 17.8 26.6

71 52.3 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



#15

Benzyl Alcohol

Concen: 2.50 ng

RT: 8.39 min Scan# 944

Delta R.T. 0.03 min

Lab File: BG024004.D

Acq: 16 Sep 2016 21:53

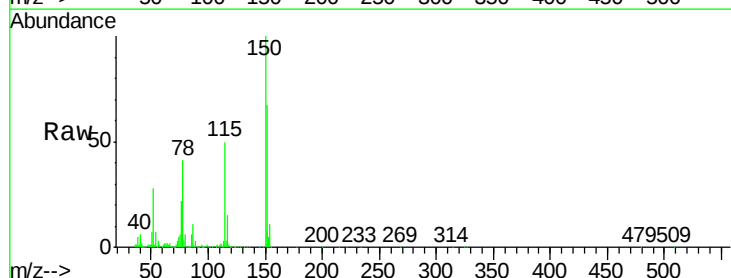
Tgt Ion: 79 Resp: 7923

Ion Ratio Lower Upper

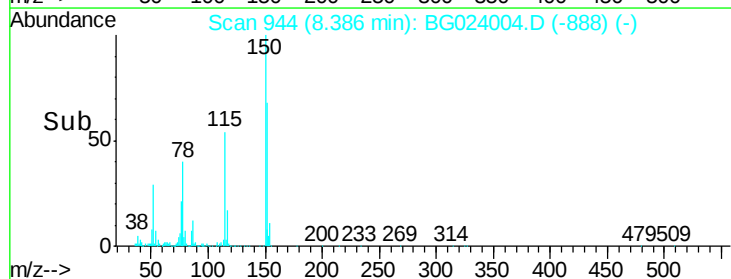
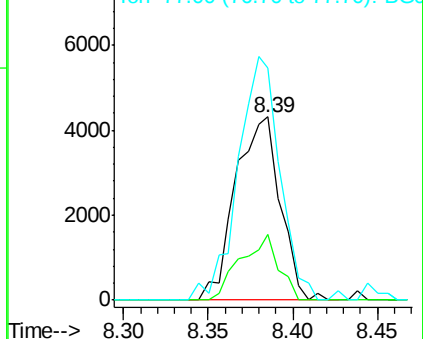
79 100

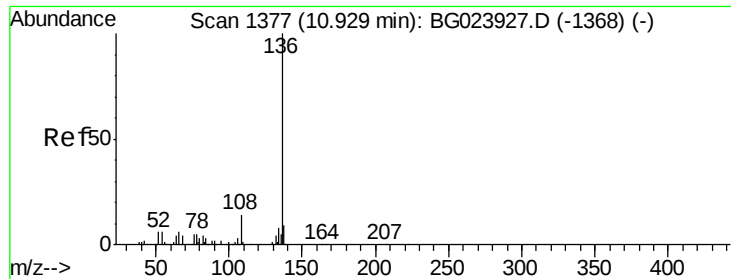
108 35.6 46.5 69.7#

77 127.0 52.3 78.5#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

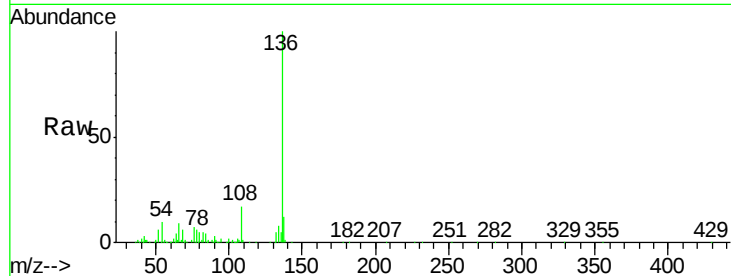




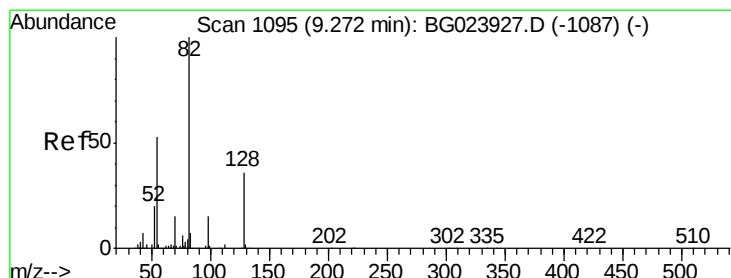
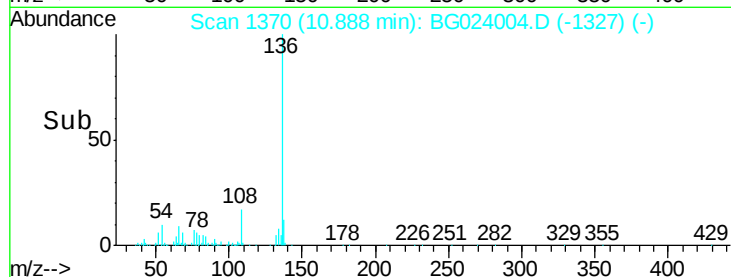
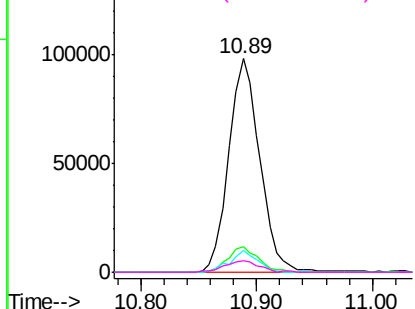
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.89 min Scan# 1370
Delta R.T. -0.05 min
Lab File: BG024004.D
Acq: 16 Sep 2016 21:53

Instrument :
BNA_G
ClientSampleId :
SB-3

Tgt Ion:	136	Resp:	182632
Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.6	14.4
54	10.5	7.3	10.9
68	5.6	5.3	7.9

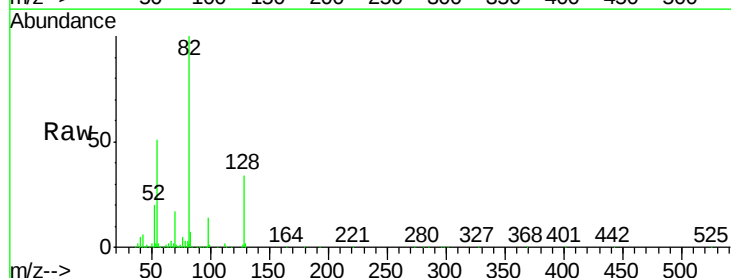


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

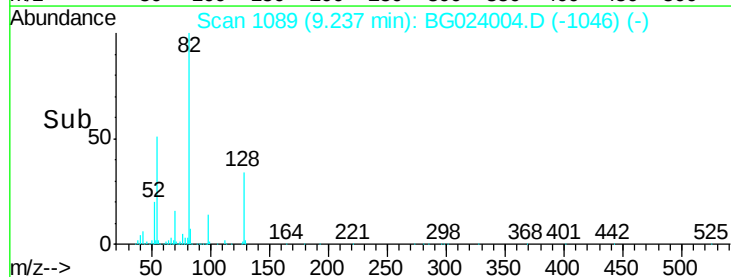
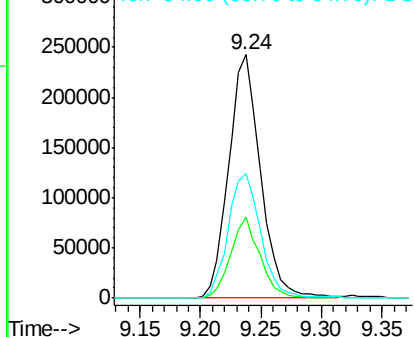


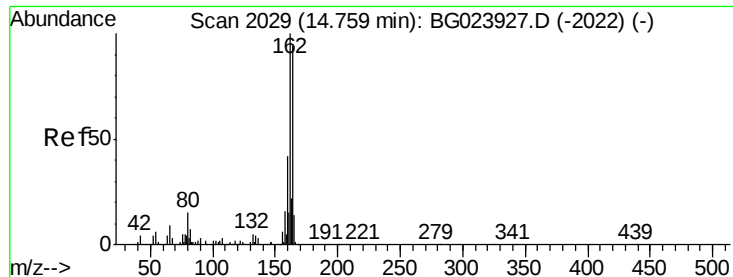
#23
Nitrobenzene-d5
Concen: 109.08 ng
RT: 9.24 min Scan# 1089
Delta R.T. -0.05 min
Lab File: BG024004.D
Acq: 16 Sep 2016 21:53

Tgt Ion:	82	Resp:	446242
Ion	Ratio	Lower	Upper
82	100		
128	33.5	24.4	36.6
54	51.0	41.4	62.0



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.73 min Scan# 2024

Delta R.T. -0.04 min

Lab File: BG024004.D

Acq: 16 Sep 2016 21:53

Instrument :

BNA_G

ClientSampleId :

SB-3

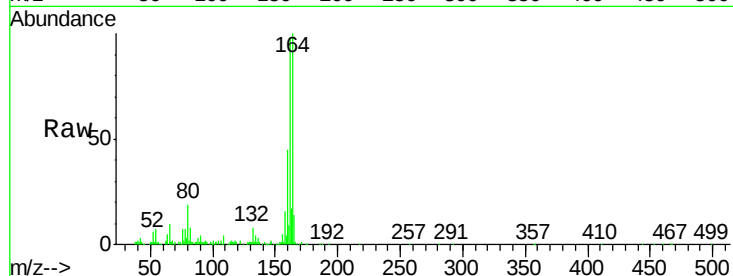
Tgt Ion:164 Resp: 156894

Ion Ratio Lower Upper

164 100

162 98.2 87.7 131.5

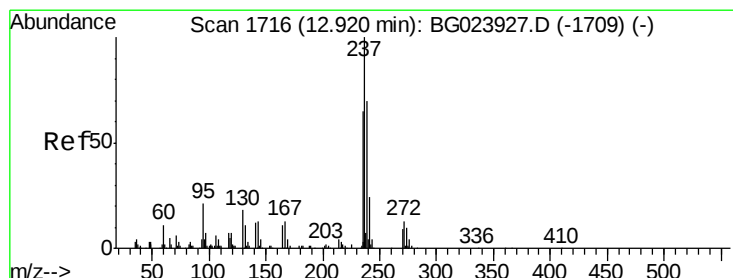
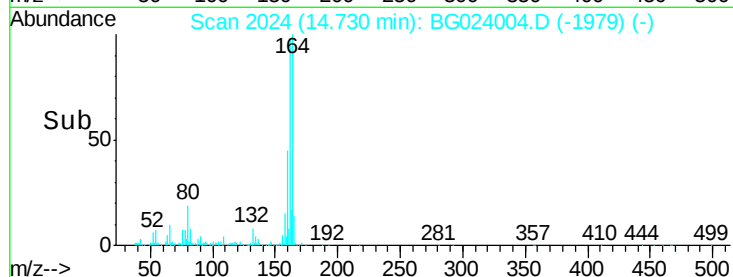
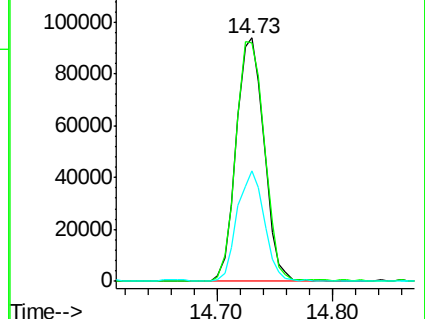
160 45.2 37.2 55.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

Hexachlorocyclopentadiene

Concen: 7.11 ng

RT: 12.97 min Scan# 1724

Delta R.T. 0.04 min

Lab File: BG024004.D

Acq: 16 Sep 2016 21:53

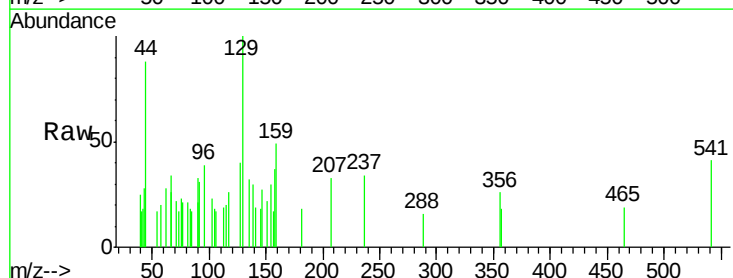
Tgt Ion:237 Resp: 110

Ion Ratio Lower Upper

237 100

235 0.0 43.1 83.1#

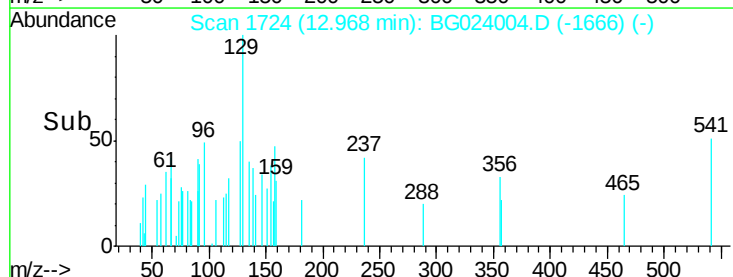
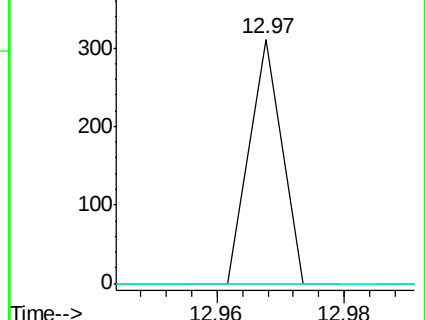
272 0.0 0.0 30.9

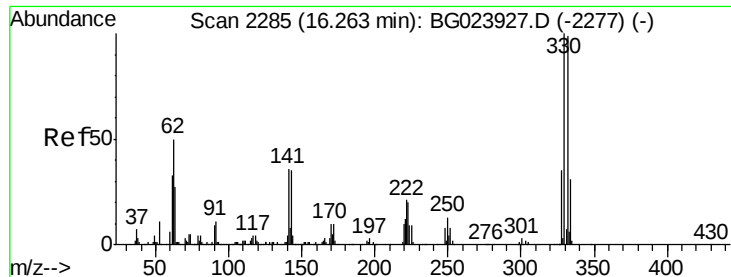


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

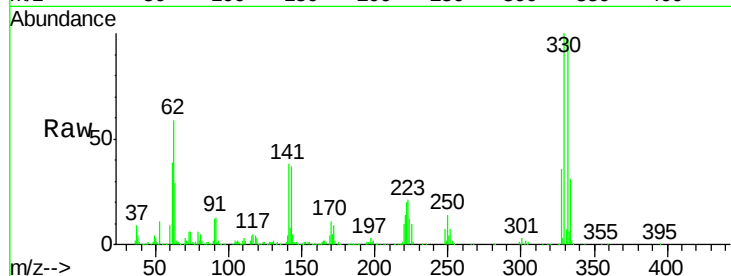




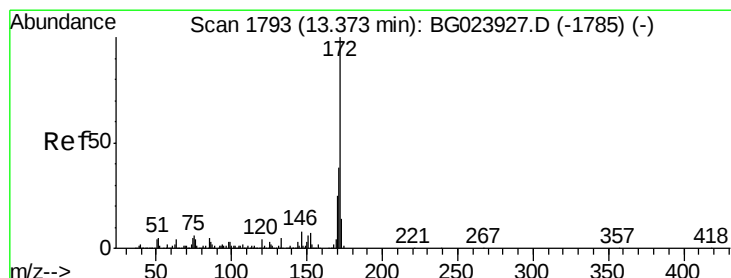
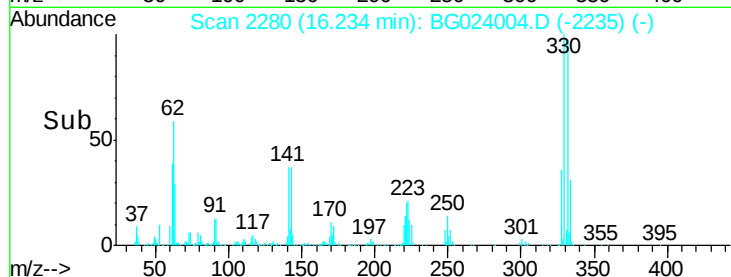
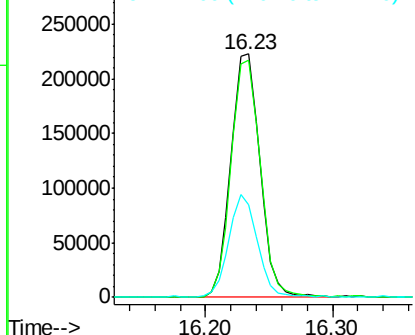
#41
 2,4,6-Tribromophenol
 Concen: 125.48 ng
 RT: 16.23 min Scan# 2280
 Delta R.T. -0.04 min
 Lab File: BG024004.D
 Acq: 16 Sep 2016 21:53

Instrument :
 BNA_G
 ClientSampleID :
 SB-3

Tgt Ion:330 Resp: 354703
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.4 116.2
 141 40.8 31.7 47.5

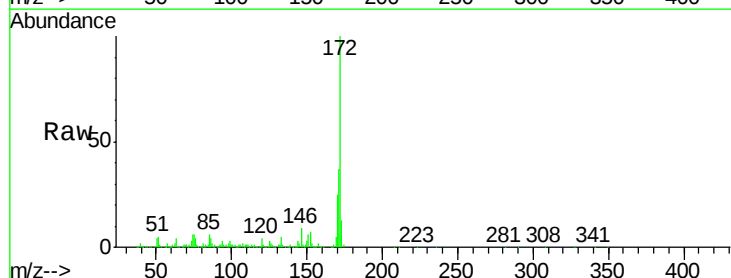


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

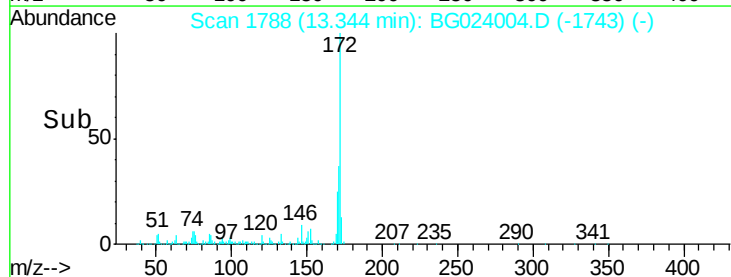
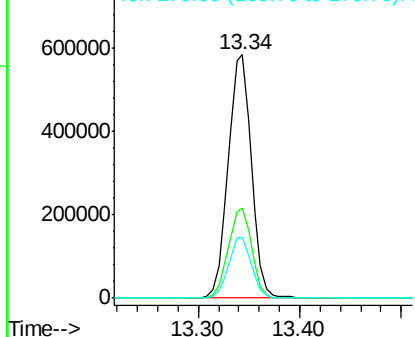


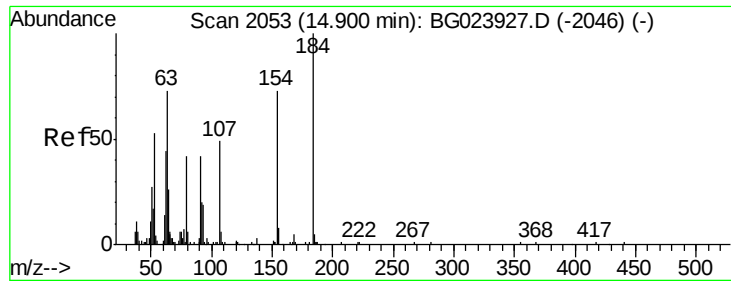
#44
 2-Fluorobiphenyl
 Concen: 84.89 ng
 RT: 13.34 min Scan# 1788
 Delta R.T. -0.04 min
 Lab File: BG024004.D
 Acq: 16 Sep 2016 21:53

Tgt Ion:172 Resp: 928983
 Ion Ratio Lower Upper
 172 100
 171 37.1 31.6 47.4
 170 24.7 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

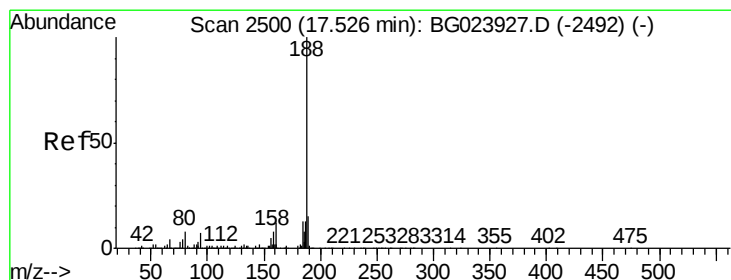
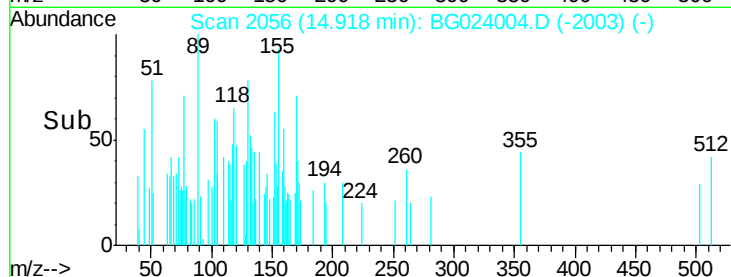
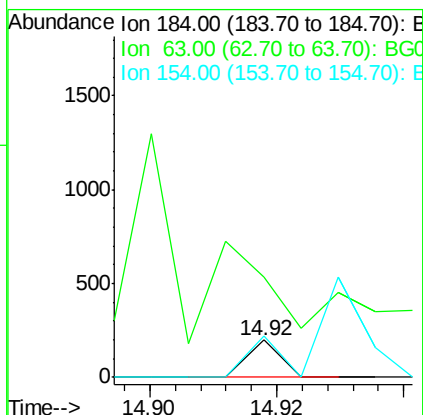
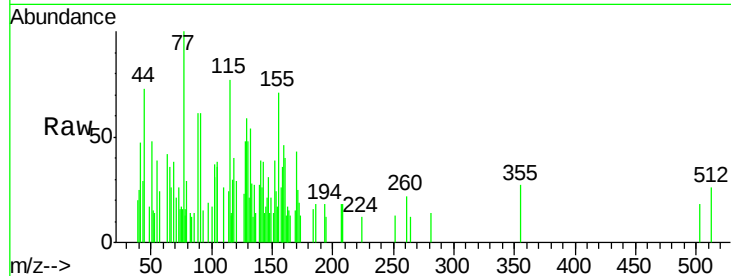




#53
2,4-Dinitrophenol
Concen: 6.54 ng
RT: 14.92 min Scan# 2056
Delta R.T. 0.01 min
Lab File: BG024004.D
Acq: 16 Sep 2016 21:53

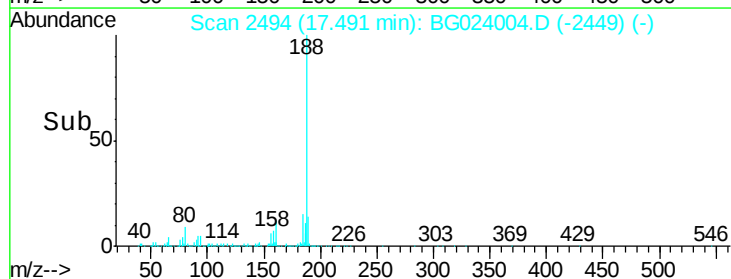
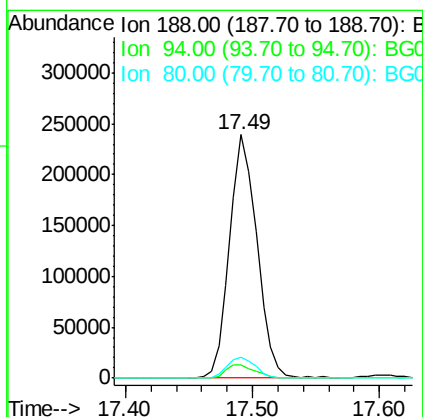
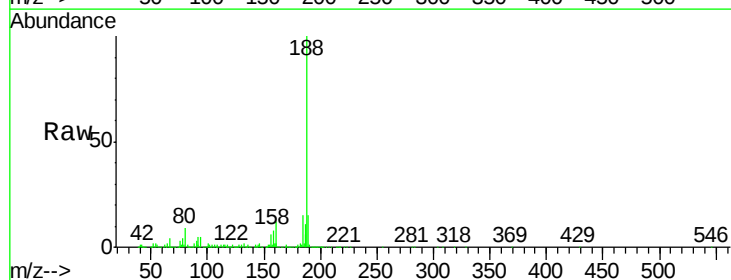
Instrument :
BNA_G
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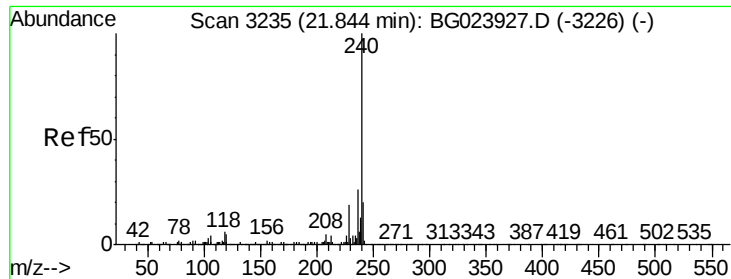
Tgt Ion:184 Resp: 70
Ion Ratio Lower Upper
184 100
63 268.2 59.6 89.4#
154 111.1 67.4 101.0#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2494
Delta R.T. -0.04 min
Lab File: BG024004.D
Acq: 16 Sep 2016 21:53

Tgt Ion:188 Resp: 358421
Ion Ratio Lower Upper
188 100
94 5.3 5.2 7.8
80 8.6 7.2 10.8

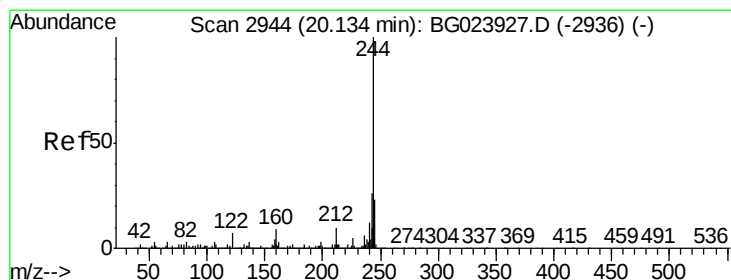
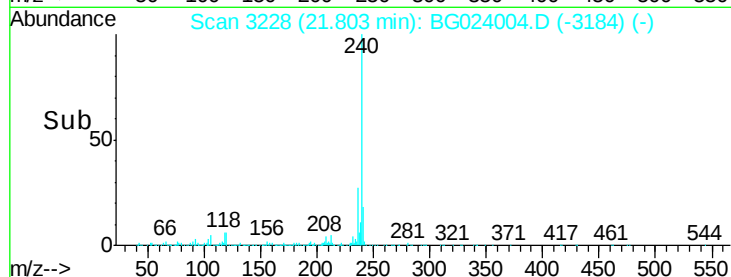
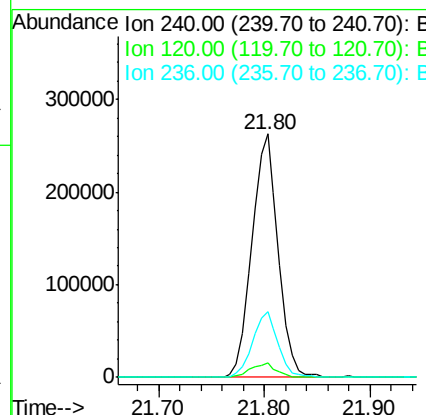
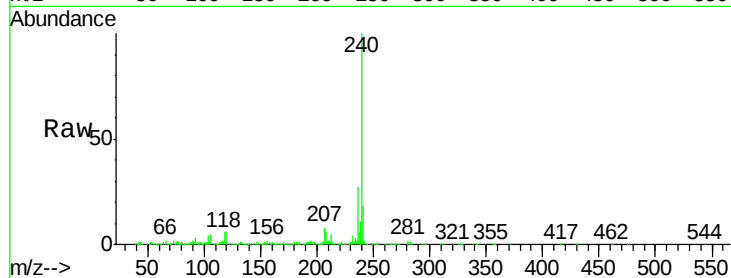




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.80 min Scan# 3228
Delta R.T. -0.04 min
Lab File: BG024004.D
Acq: 16 Sep 2016 21:53

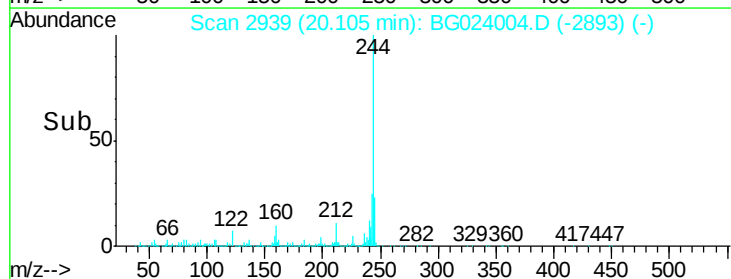
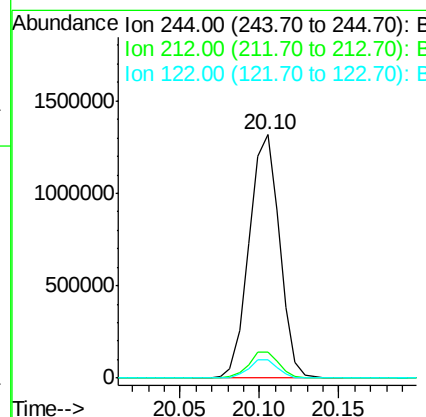
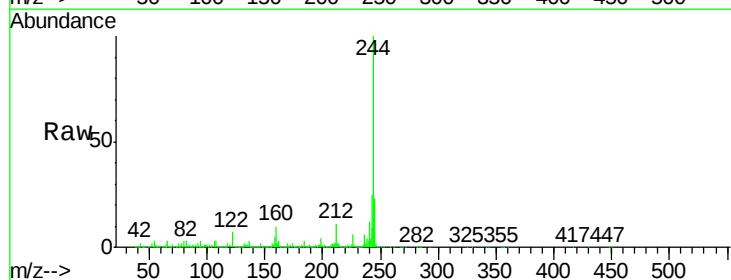
Instrument :
BNA_G
ClientSampleId :
SB-3

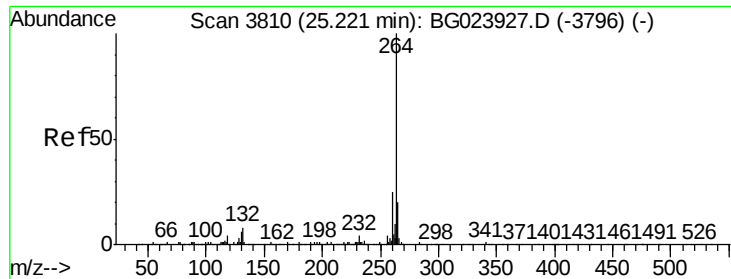
Tgt Ion:240 Resp: 452946
Ion Ratio Lower Upper
240 100
120 5.9 4.1 6.1
236 26.8 21.1 31.7



#78
Terphenyl-d14
Concen: 88.22 ng
RT: 20.10 min Scan# 2939
Delta R.T. -0.03 min
Lab File: BG024004.D
Acq: 16 Sep 2016 21:53

Tgt Ion:244 Resp: 1754591
Ion Ratio Lower Upper
244 100
212 10.8 10.8 16.2#
122 7.5 8.0 12.0#





#86

Perylene-d12

Concen: 20.00 ng

RT: 25.15 min Scan# 3797

Delta R.T. -0.06 min

Lab File: BG024004.D

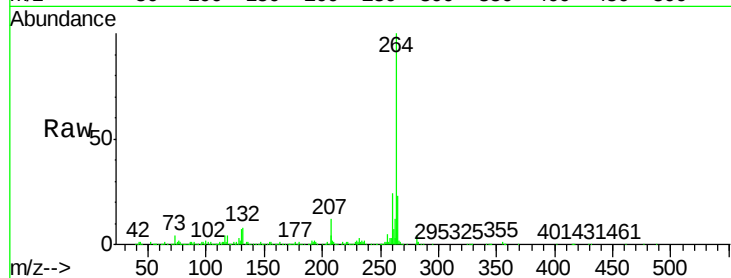
Acq: 16 Sep 2016 21:53

Instrument :

BNA_G

ClientSampleId :

SB-3



Tgt Ion:	264	Resp:	449379
Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.4	27.6
265	22.5	18.9	28.3

