

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG090916\
 Data File : BG023977.D
 Acq On : 9 Sep 2016 17:02
 Operator : UM/SJ
 Sample : H4715-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PURGE-WATER

Quant Time: Sep 09 17:35:00 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 16:25:57 2016
 Response via : Initial Calibration

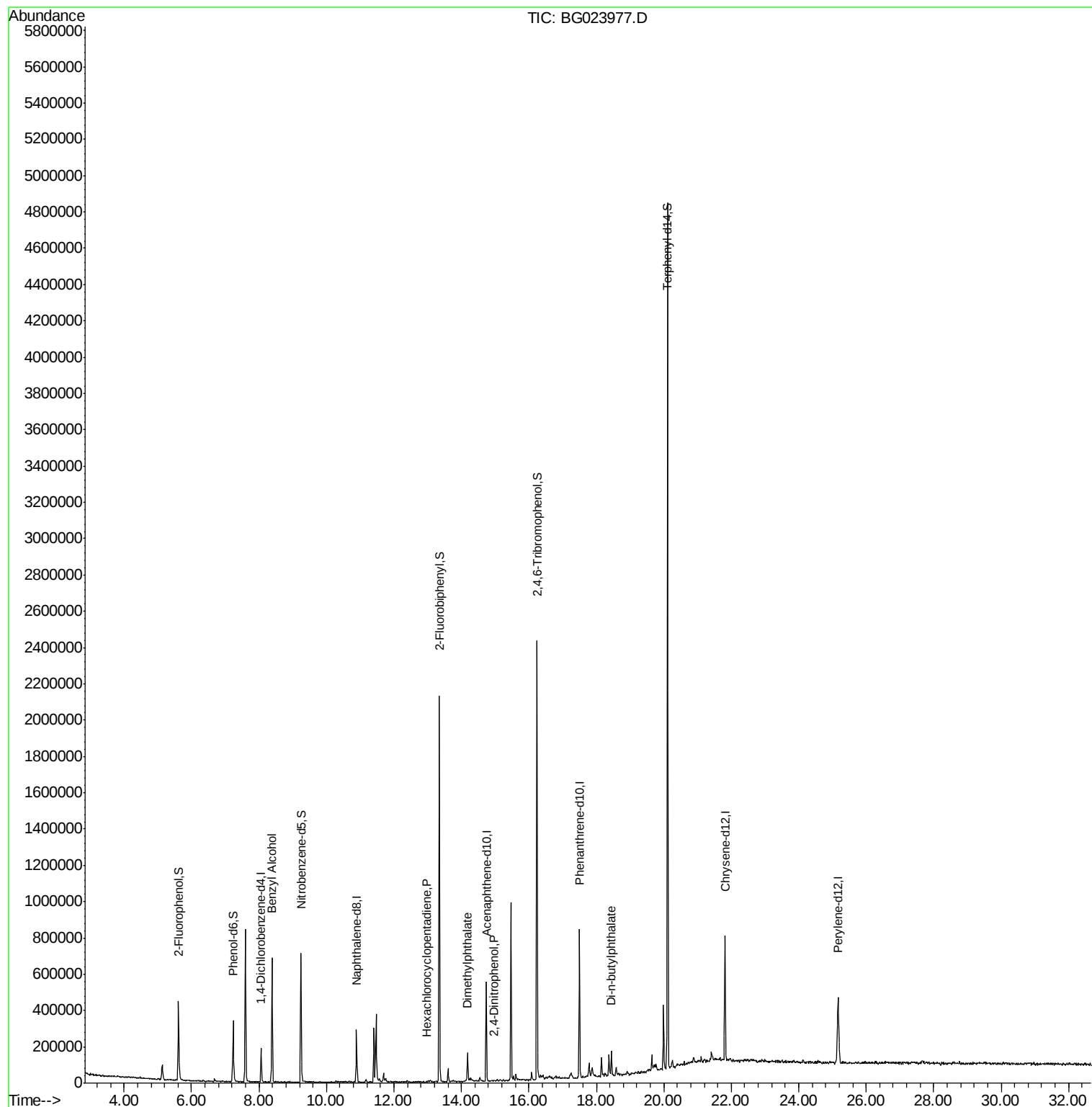
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	40451	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	221476	20.00	ng	0.00
38) Acenaphthene-d10	14.74	164	173153	20.00	ng	0.01
63) Phenanthrene-d10	17.50	188	473834	20.00	ng	0.02
75) Chrysene-d12	21.81	240	442932	20.00	ng	0.01
86) Perylene-d12	25.16	264	428656	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	182533	79.22	ng	0.00
7) Phenol-d6	7.23	99	192010	54.14	ng	0.00
23) Nitrobenzene-d5	9.24	82	444321	89.56	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	421375	135.07	ng	0.01
44) 2-Fluorobiphenyl	13.35	172	1048691	86.83	ng	0.01
78) Terphenyl-d14	20.11	244	1900776	97.73	ng	0.02
Target Compounds						
15) Benzyl Alcohol	8.39	79	7302	2.34	ng	# 50
40) Hexachlorocyclopentadiene	12.98	237	56	7.10	ng	# 26
49) Dimethylphthalate	14.18	163	89828	6.05	ng	# 93
53) 2,4-Dinitrophenol	14.98	184	91	6.55	ng	# 45
73) Di-n-butylphthalate	18.45	149	86824	3.19	ng	# 95

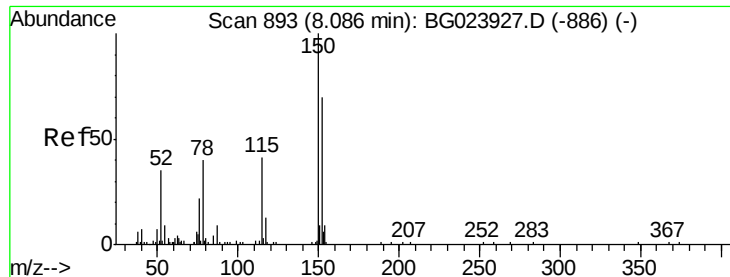
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.06 min Scan# 889

Delta R.T. -0.00 min

Lab File: BG023977.D

Acq: 9 Sep 2016 17:02

Instrument :

BNA_G

ClientSampleId :

PURGE-WATER

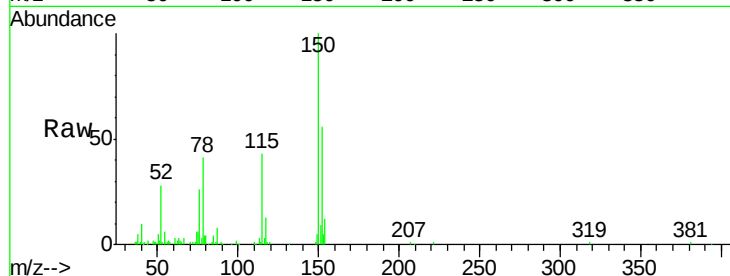
Tgt Ion:152 Resp: 40451

Ion Ratio Lower Upper

152 100

150 179.5 144.7 217.1

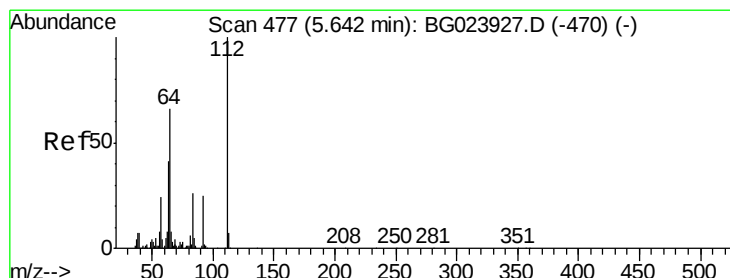
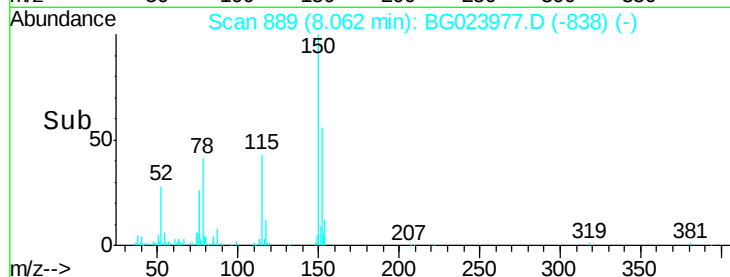
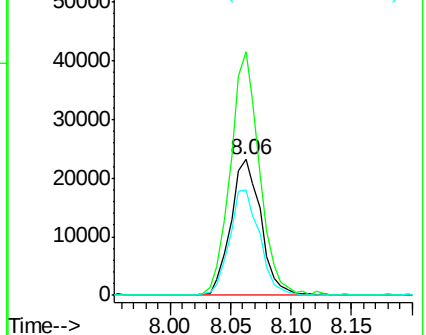
115 78.0 64.0 96.0



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: 79.22 ng

RT: 5.61 min Scan# 472

Delta R.T. 0.00 min

Lab File: BG023977.D

Acq: 9 Sep 2016 17:02

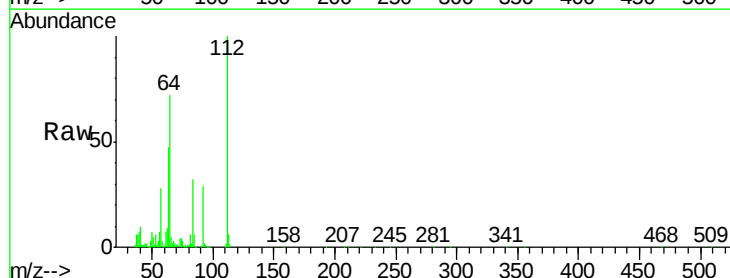
Tgt Ion:112 Resp: 182533

Ion Ratio Lower Upper

112 100

64 71.8 59.0 88.4

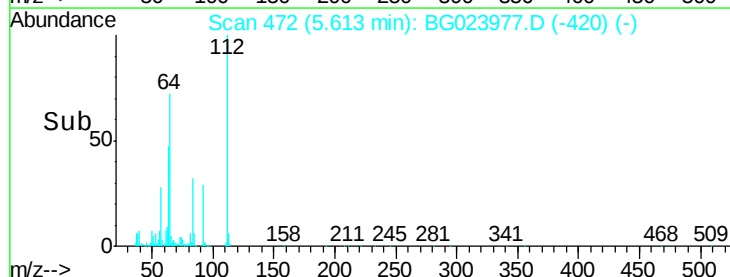
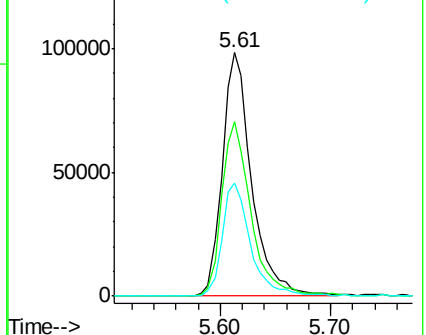
63 46.5 37.8 56.8

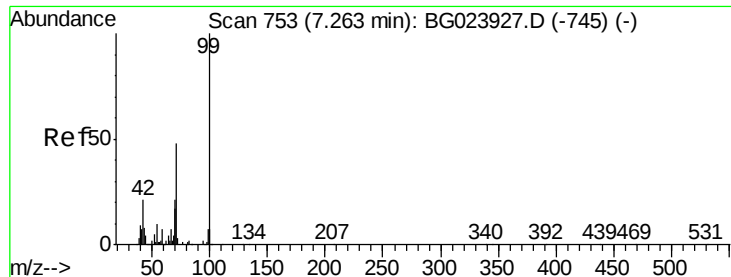


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 54.14 ng

RT: 7.23 min Scan# 748

Delta R.T. -0.00 min

Lab File: BG023977.D

Acq: 9 Sep 2016 17:02

Instrument :

BNA_G

ClientSampleId :

PURGE-WATER

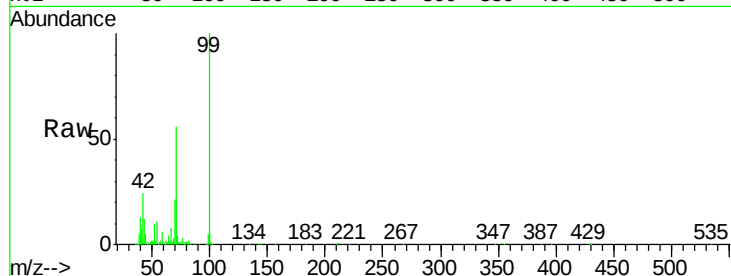
Tgt Ion: 99 Resp: 192010

Ion Ratio Lower Upper

99 100

42 23.6 17.8 26.6

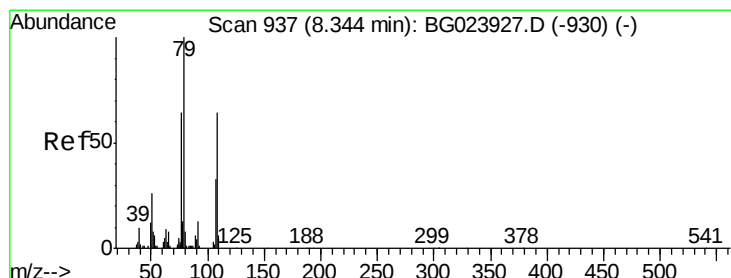
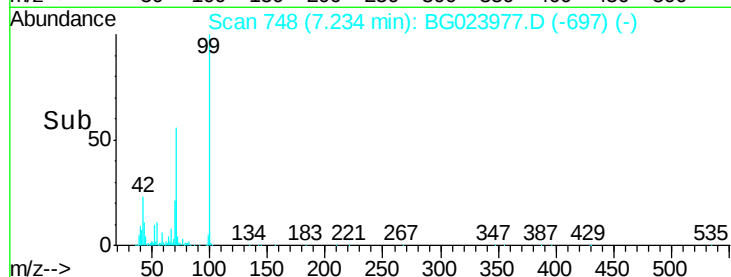
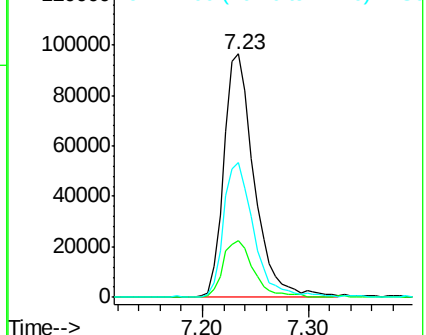
71 55.6 41.5 62.3



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



#15

Benzyl Alcohol

Concen: 2.34 ng

RT: 8.39 min Scan# 944

Delta R.T. 0.07 min

Lab File: BG023977.D

Acq: 9 Sep 2016 17:02

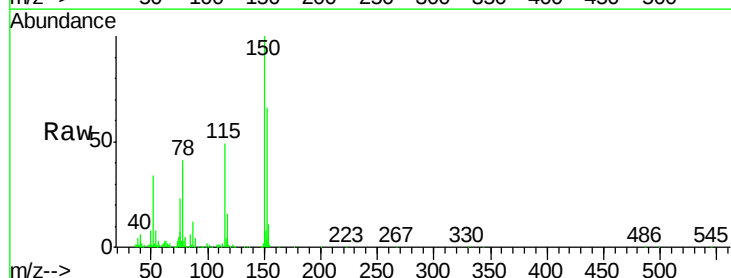
Tgt Ion: 79 Resp: 7302

Ion Ratio Lower Upper

79 100

108 24.3 46.5 69.7#

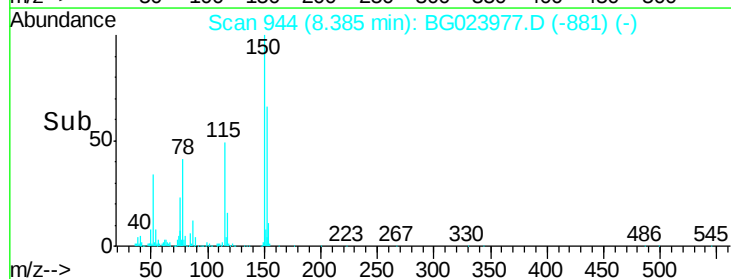
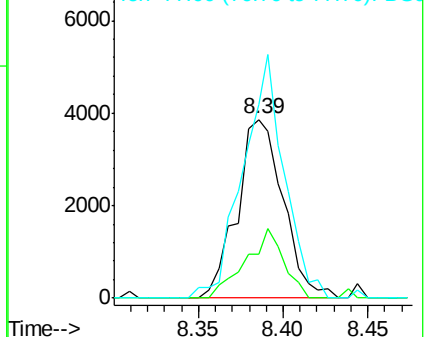
77 108.3 52.3 78.5#

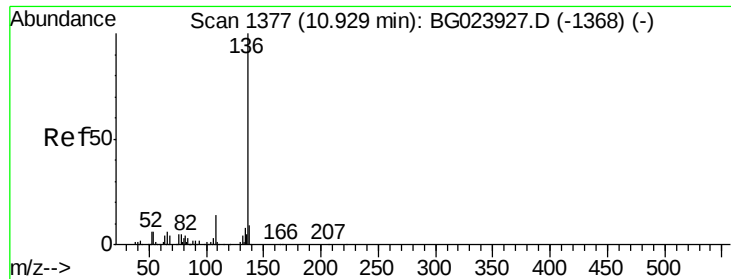


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

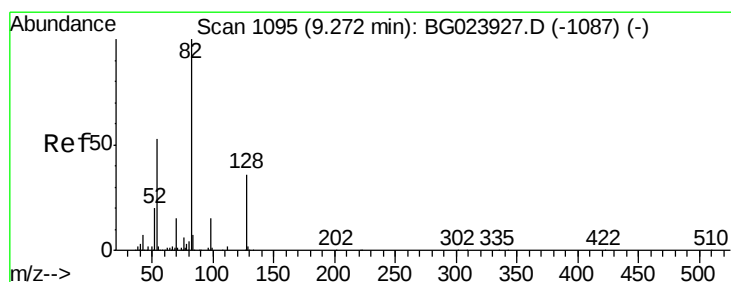
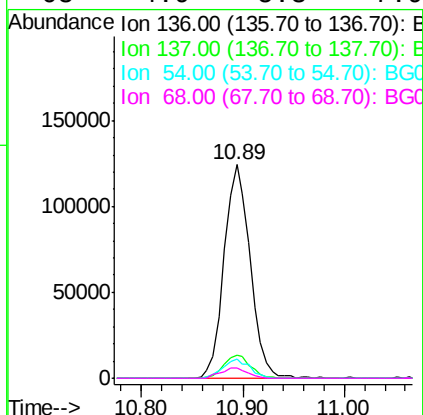
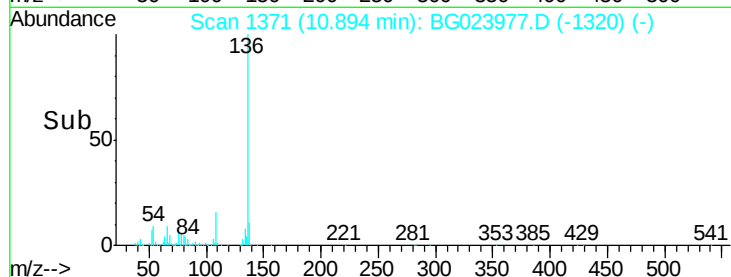
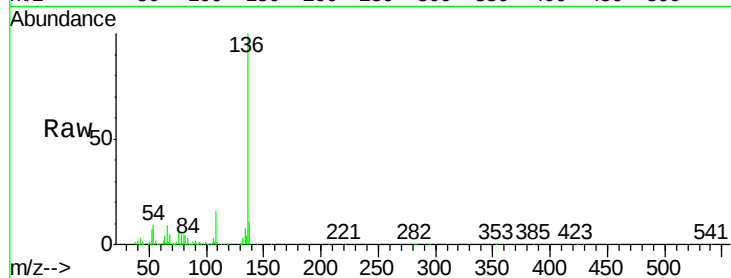




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.89 min Scan# 1371
Delta R.T. -0.00 min
Lab File: BG023977.D
Acq: 9 Sep 2016 17:02

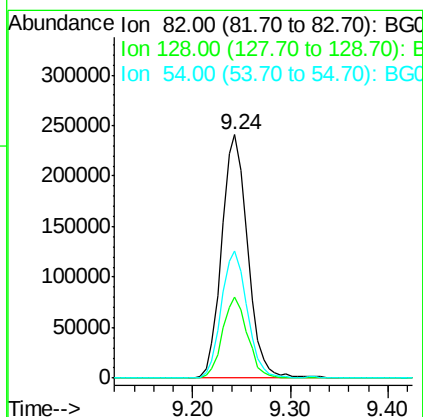
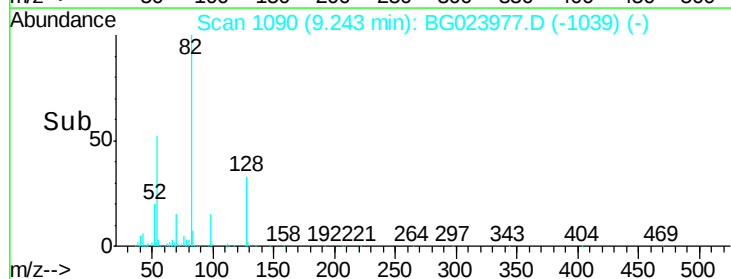
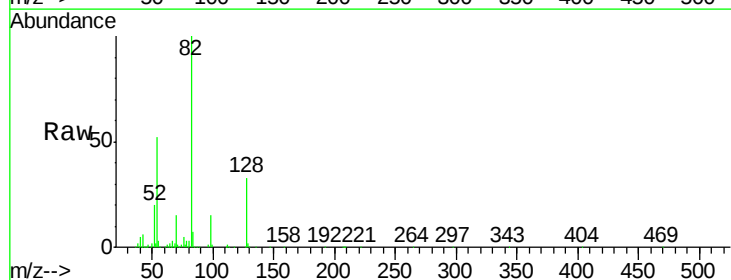
Instrument :
BNA_G
ClientSampleId :
PURGE-WATER

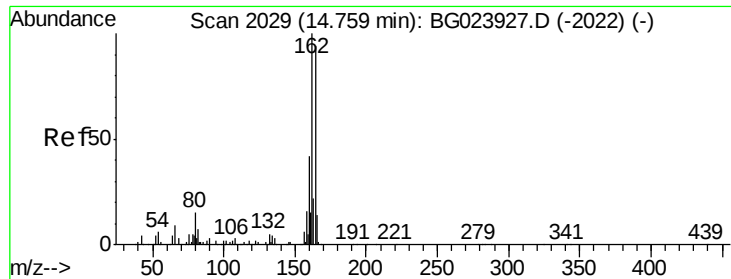
Tgt Ion:	136	Resp:	221476
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.6	14.4
54	9.2	7.3	10.9
68	4.9	5.3	7.9#



#23
Nitrobenzene-d5
Concen: 89.56 ng
RT: 9.24 min Scan# 1090
Delta R.T. -0.00 min
Lab File: BG023977.D
Acq: 9 Sep 2016 17:02

Tgt Ion:	82	Resp:	444321
Ion	Ratio	Lower	Upper
82	100		
128	33.2	24.4	36.6
54	52.1	41.4	62.0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.74 min Scan# 2025

Delta R.T. 0.01 min

Lab File: BG023977.D

Acq: 9 Sep 2016 17:02

Instrument :

BNA_G

ClientSampleId :

PURGE-WATER

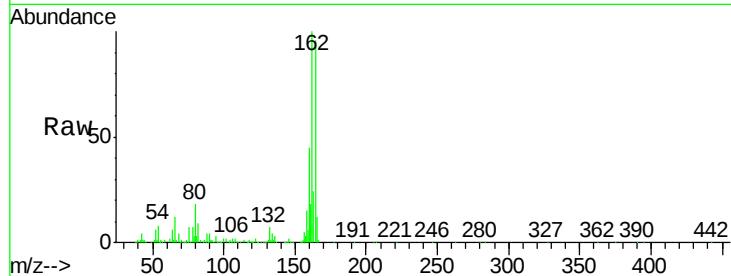
Tgt Ion:164 Resp: 173153

Ion Ratio Lower Upper

164 100

162 104.3 87.7 131.5

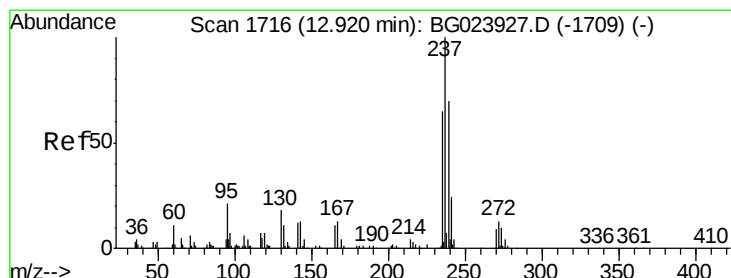
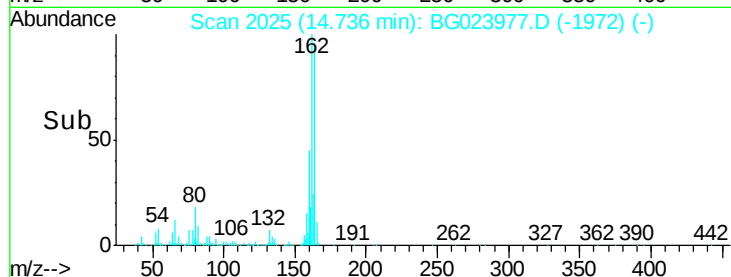
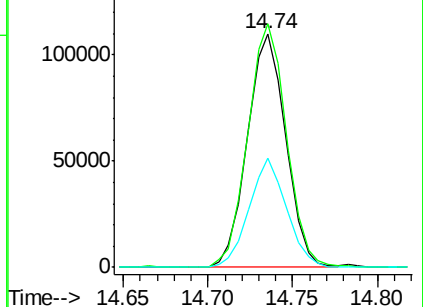
160 46.5 37.2 55.8



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: 7.10 ng

RT: 12.98 min Scan# 1726

Delta R.T. 0.09 min

Lab File: BG023977.D

Acq: 9 Sep 2016 17:02

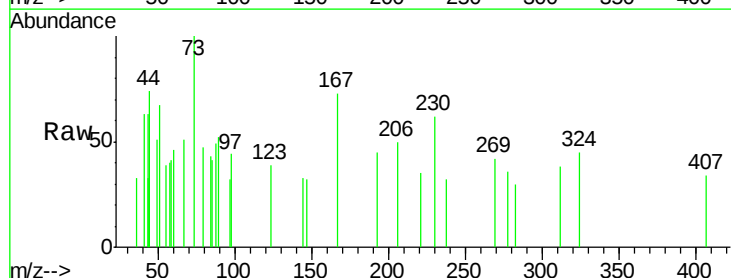
Tgt Ion:237 Resp: 56

Ion Ratio Lower Upper

237 100

235 0.0 43.1 83.1#

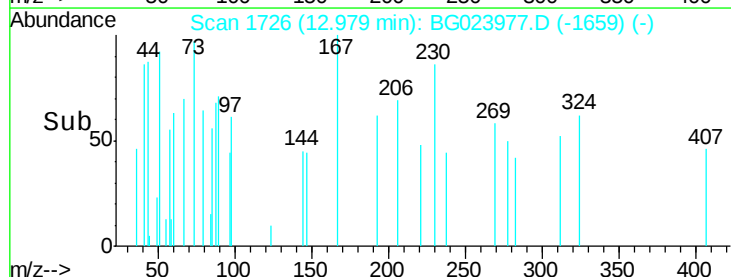
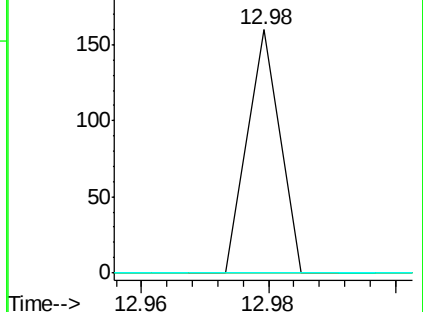
272 0.0 0.0 30.9

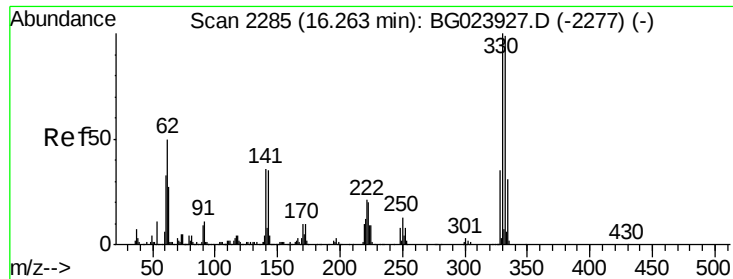


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

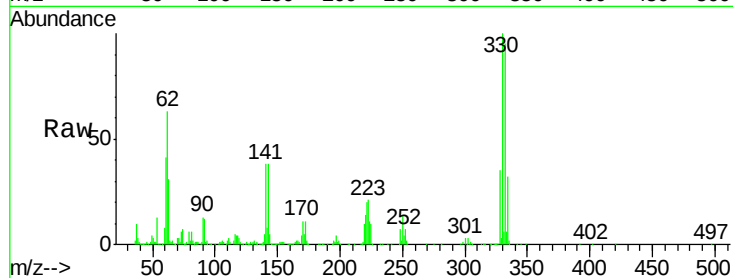




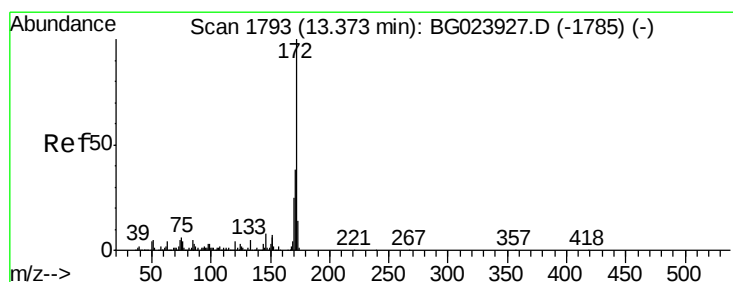
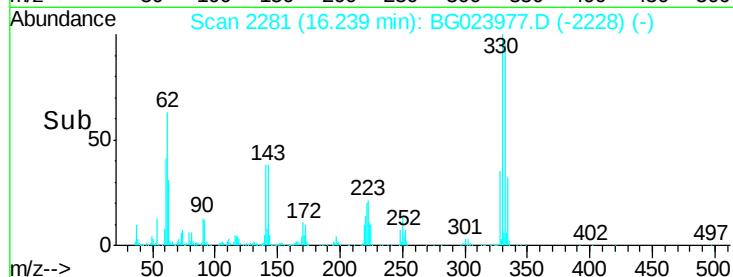
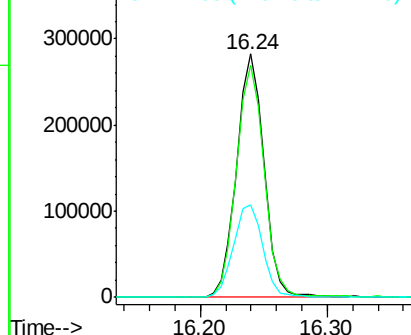
#41
 2,4,6-Tribromophenol
 Concen: 135.07 ng
 RT: 16.24 min Scan# 2281
 Delta R.T. 0.01 min
 Lab File: BG023977.D
 Acq: 9 Sep 2016 17:02

Instrument :
 BNA_G
 ClientSampleId :
 PURGE-WATER

Tgt Ion:330 Resp: 421375
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.4 116.2
 141 41.1 31.7 47.5

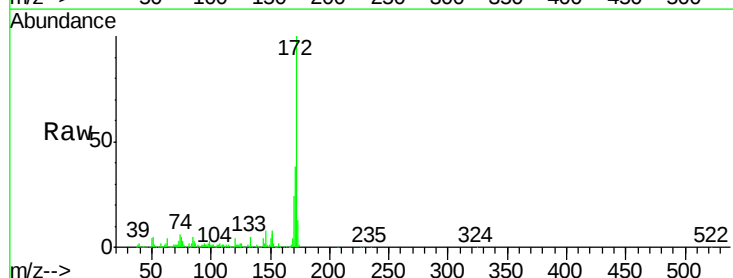


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

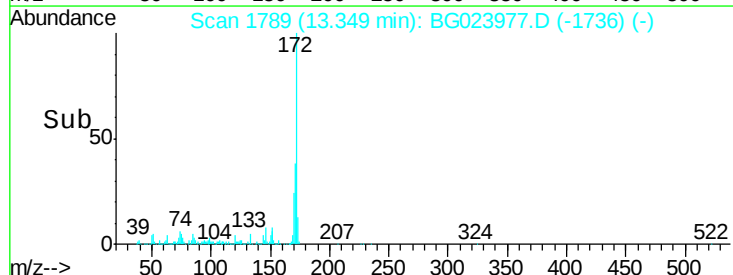
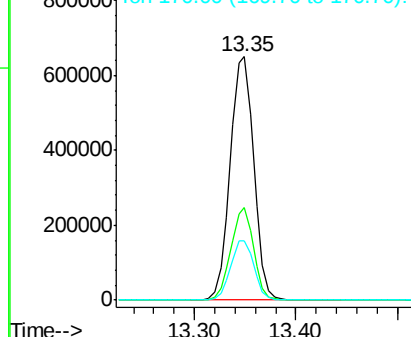


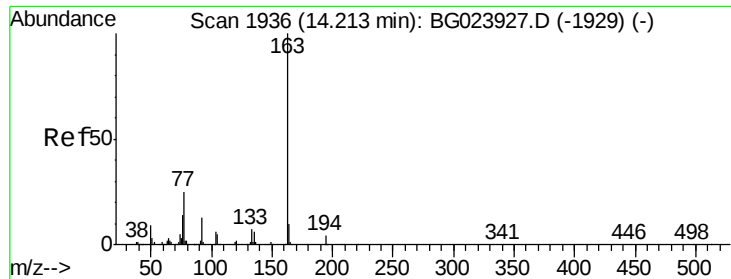
#44
 2-Fluorobiphenyl
 Concen: 86.83 ng
 RT: 13.35 min Scan# 1789
 Delta R.T. 0.01 min
 Lab File: BG023977.D
 Acq: 9 Sep 2016 17:02

Tgt Ion:172 Resp: 1048691
 Ion Ratio Lower Upper
 172 100
 171 37.9 31.6 47.4
 170 24.2 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: 6.05 ng

RT: 14.18 min Scan# 1931

Delta R.T. 0.00 min

Lab File: BG023977.D

Acq: 9 Sep 2016 17:02

Instrument :

BNA_G

ClientSampleId :

PURGE-WATER

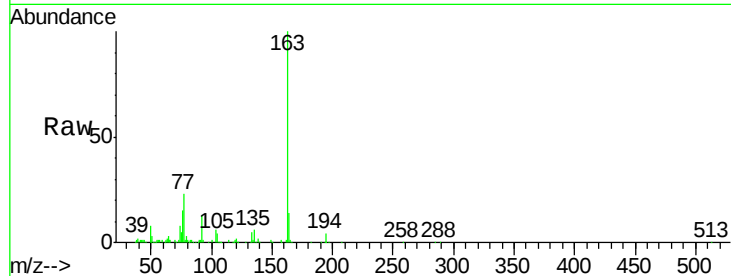
Tgt Ion:163 Resp: 89828

Ion Ratio Lower Upper

163 100

194 4.3 3.6 5.4

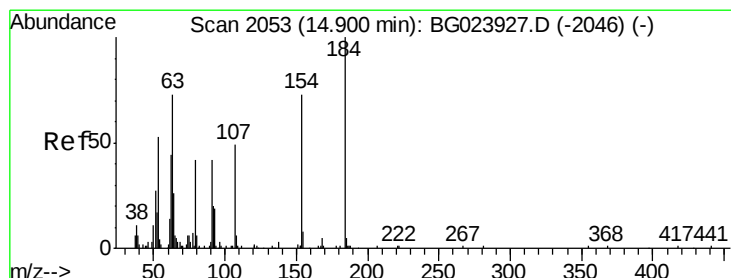
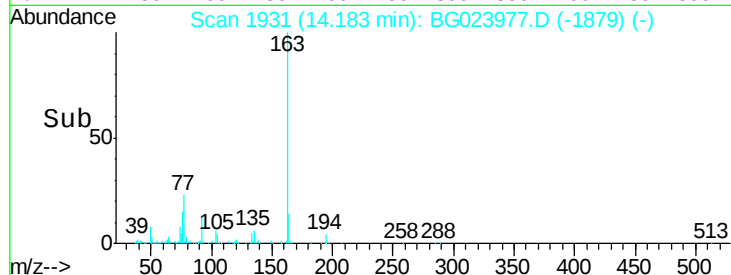
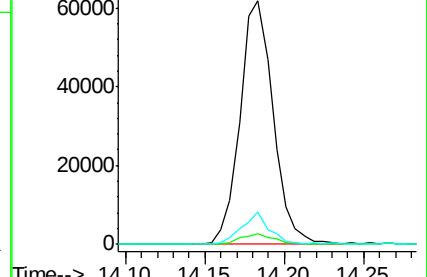
164 13.5 8.1 12.1#



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



#53

2,4-Dinitrophenol

Concen: 6.55 ng

RT: 14.98 min Scan# 2066

Delta R.T. 0.11 min

Lab File: BG023977.D

Acq: 9 Sep 2016 17:02

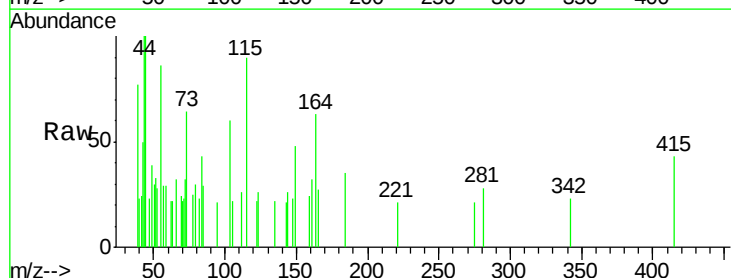
Tgt Ion:184 Resp: 91

Ion Ratio Lower Upper

184 100

63 63.3 59.6 89.4

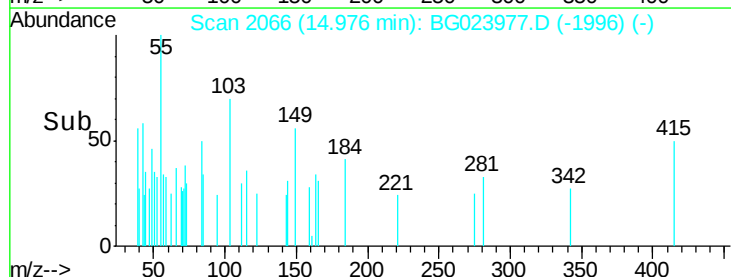
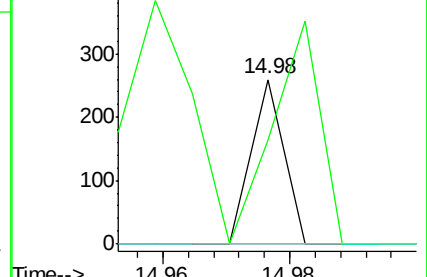
154 0.0 67.4 101.0#

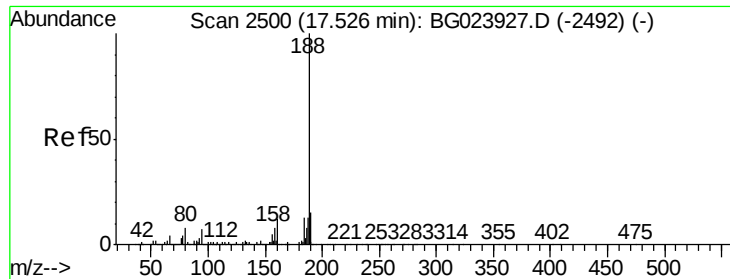


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.50 min Scan# 2496

Delta R.T. 0.02 min

Lab File: BG023977.D

Acq: 9 Sep 2016 17:02

Instrument :

BNA_G

ClientSampleId :

PURGE-WATER

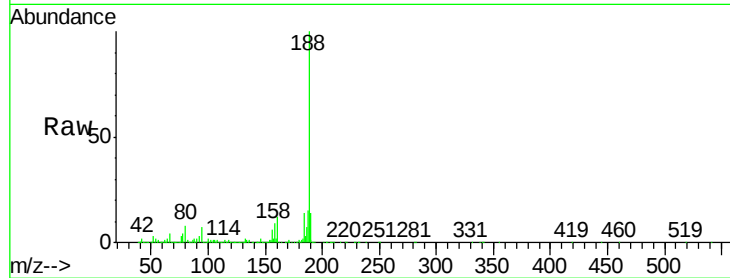
Tgt Ion:188 Resp: 473834

Ion Ratio Lower Upper

188 100

94 6.6 5.2 7.8

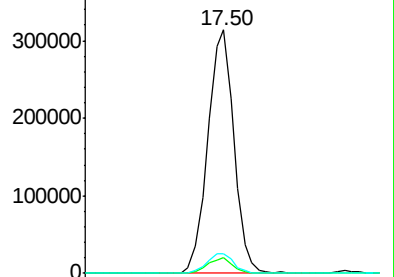
80 7.9 7.2 10.8



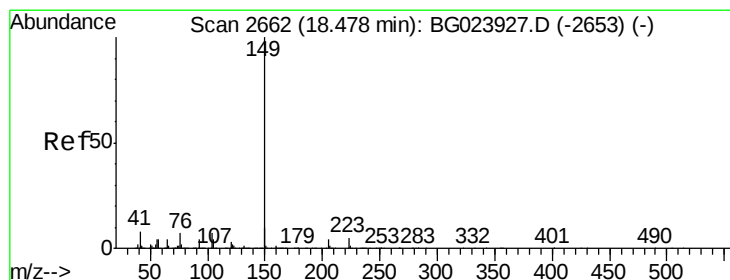
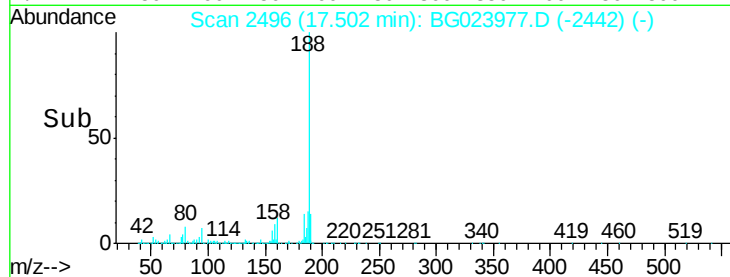
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time--> 17.40 17.50 17.60



#73

Di-n-butylphthalate

Concen: 3.19 ng

RT: 18.45 min Scan# 2657

Delta R.T. 0.02 min

Lab File: BG023977.D

Acq: 9 Sep 2016 17:02

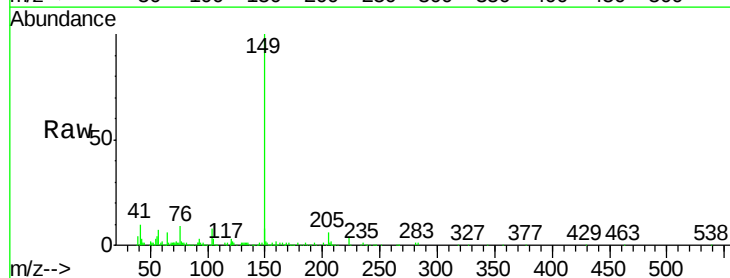
Tgt Ion:149 Resp: 86824

Ion Ratio Lower Upper

149 100

150 8.3 9.1 13.7#

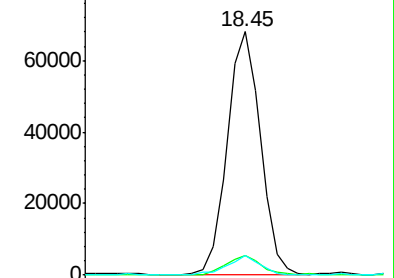
104 8.3 6.9 10.3



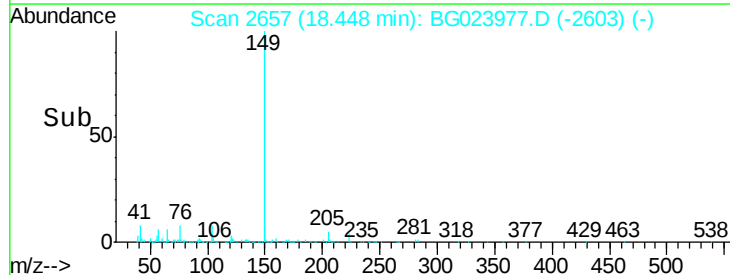
Abundance Ion 149.00 (148.70 to 149.70): E

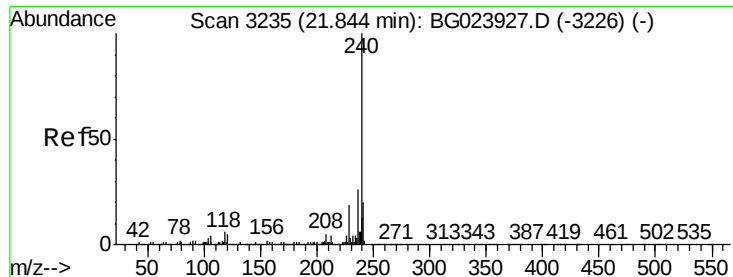
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



Time--> 18.40 18.45 18.50





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.81 min Scan# 3230

Delta R.T. 0.01 min

Lab File: BG023977.D

Acq: 9 Sep 2016 17:02

Instrument :

BNA_G

ClientSampleId :

PURGE-WATER

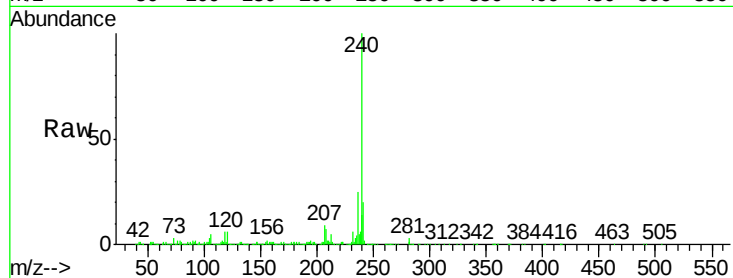
Tgt Ion:240 Resp: 442932

Ion Ratio Lower Upper

240 100

120 5.5 4.1 6.1

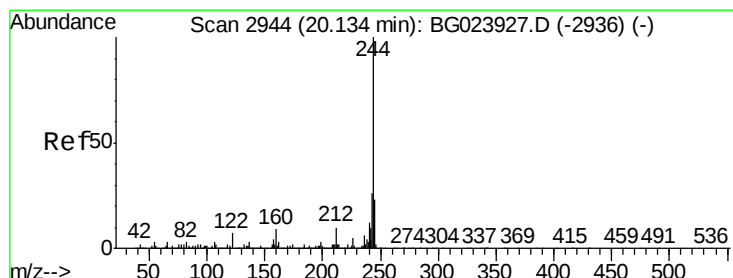
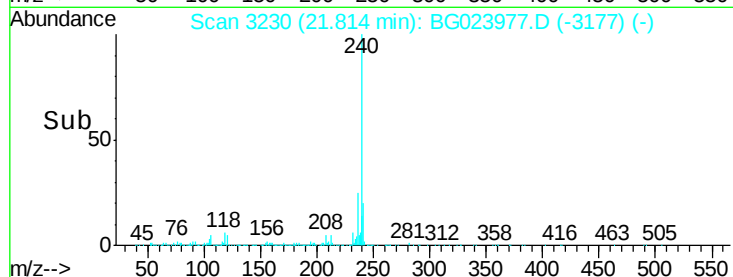
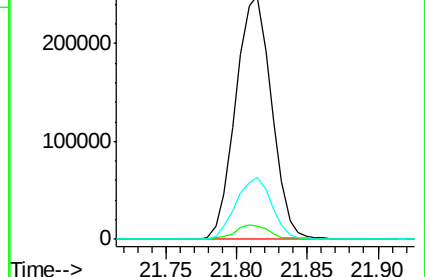
236 25.3 21.1 31.7



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: 97.73 ng

RT: 20.11 min Scan# 2940

Delta R.T. 0.02 min

Lab File: BG023977.D

Acq: 9 Sep 2016 17:02

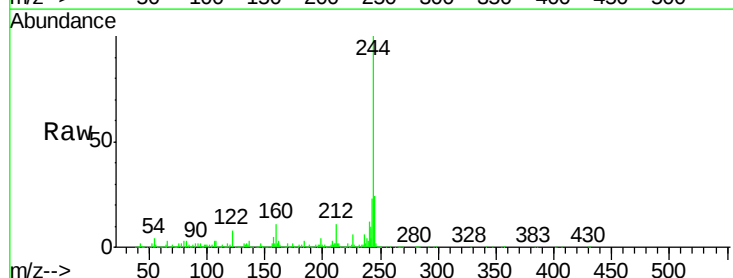
Tgt Ion:244 Resp: 1900776

Ion Ratio Lower Upper

244 100

212 11.3 10.8 16.2

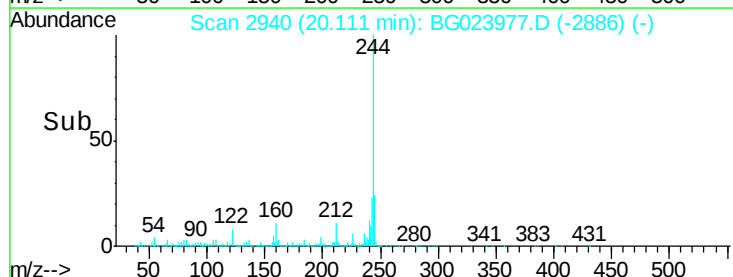
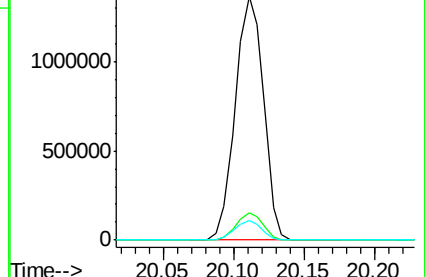
122 8.1 8.0 12.0

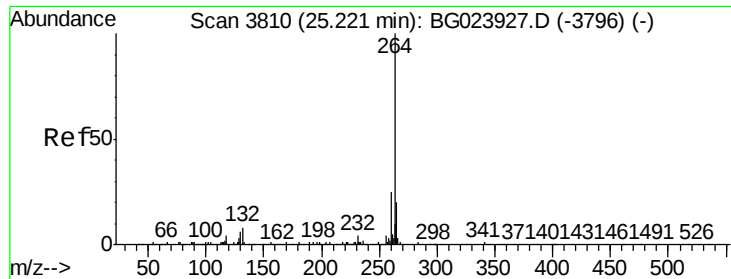


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.16 min Scan# 3800
Delta R.T. -0.01 min
Lab File: BG023977.D
Acq: 9 Sep 2016 17:02

Instrument :
BNA_G
ClientSampleId :
PURGE-WATER

Tgt Ion:	264	Resp:	428656
Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.4	27.6
265	20.9	18.9	28.3

