

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG090716\
 Data File : BG023960.D
 Acq On : 7 Sep 2016 19:42
 Operator : UM/SJ
 Sample : H4720-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DI-SW-EAST

Quant Time: Sep 08 08:47:29 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 31 20:05:47 2016
 Response via : Initial Calibration

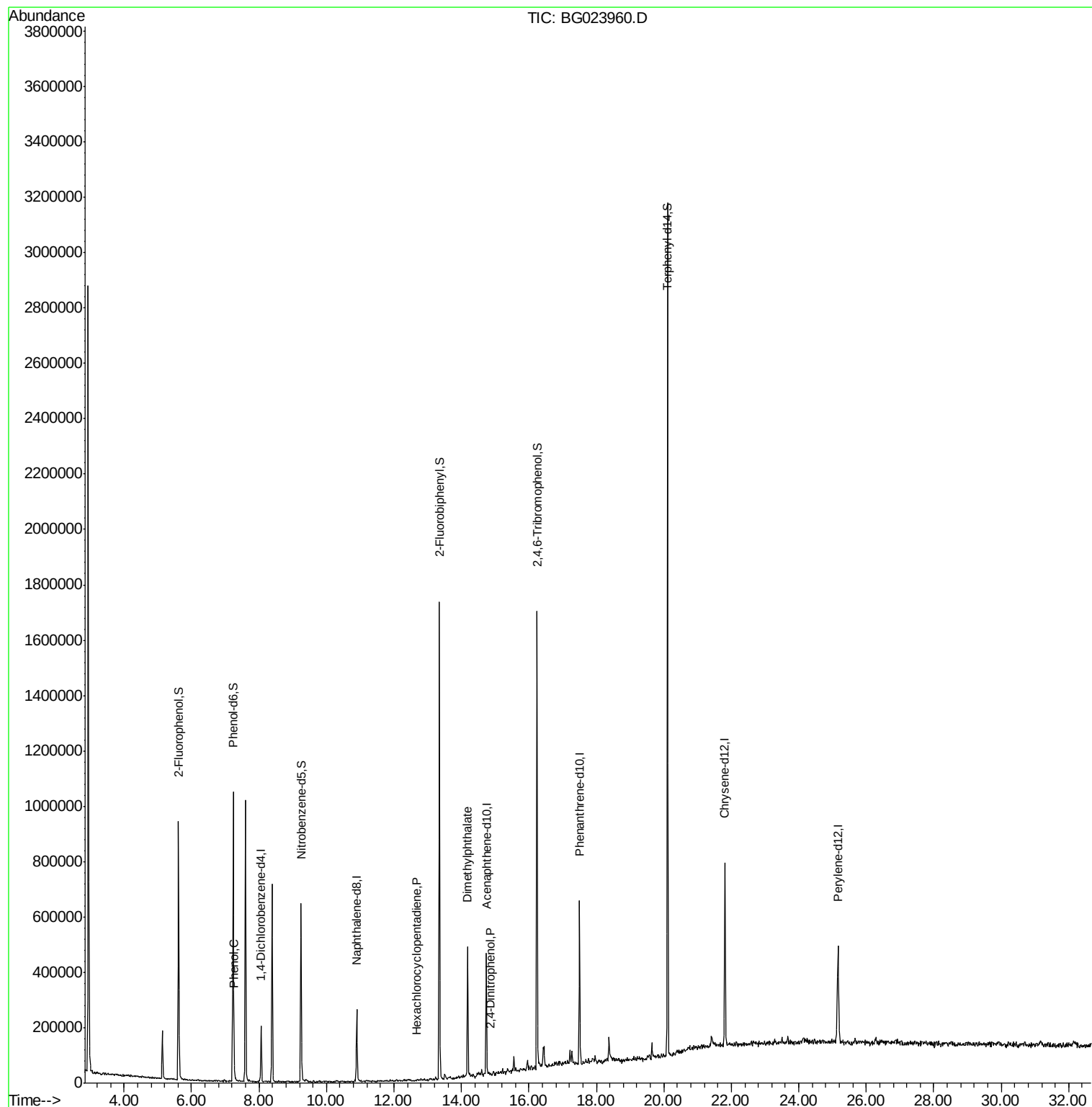
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	48221	20.00	ng	-0.02
21) Naphthalene-d8	10.90	136	207241	20.00	ng	-0.03
38) Acenaphthene-d10	14.73	164	145177	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	338484	20.00	ng	-0.02
75) Chrysene-d12	21.81	240	403828	20.00	ng	-0.04
86) Perylene-d12	25.16	264	411253	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	347222	126.42	ng	-0.03
7) Phenol-d6	7.23	99	536089	126.80	ng	-0.03
23) Nitrobenzene-d5	9.25	82	403543	86.93	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	294279	112.51	ng	-0.02
44) 2-Fluorobiphenyl	13.35	172	794856	78.50	ng	-0.02
78) Terphenyl-d14	20.11	244	1278248	72.09	ng	-0.02
Target Compounds						
10) Phenol	7.26	94	8969	2.02	ng	Qvalue 83
40) Hexachlorocyclopentadiene	12.68	237	100	7.11	ng	# 26
49) Dimethylphthalate	14.18	163	250215	20.10	ng	98
53) 2,4-Dinitrophenol	14.86	184	109	6.56	ng	# 10

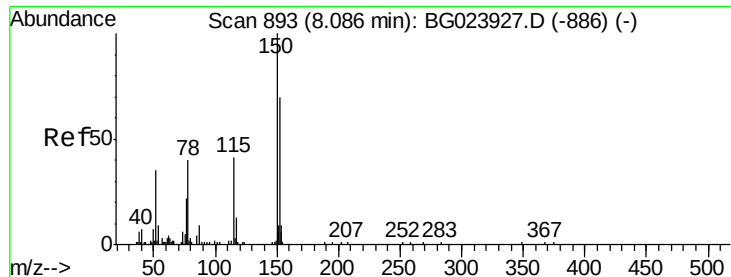
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.06 min Scan# 889

Delta R.T. -0.02 min

Lab File: BG023960.D

Acq: 7 Sep 2016 19:42

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BNA_G

ClientSampleId :

DI-SW-EAST

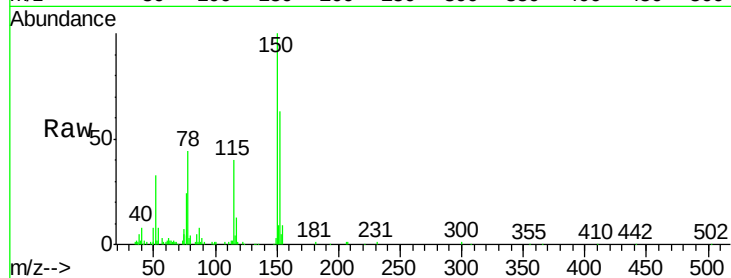
Tgt Ion:152 Resp: 48221

Ion Ratio Lower Upper

152 100

150 158.2 144.7 217.1

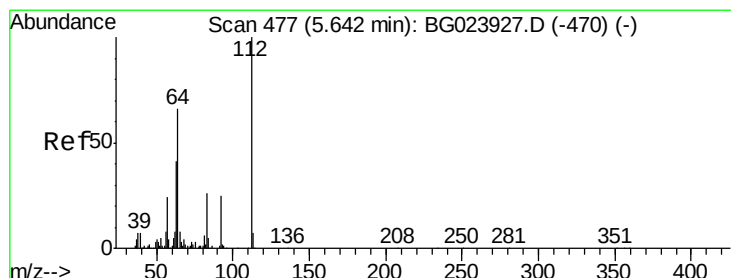
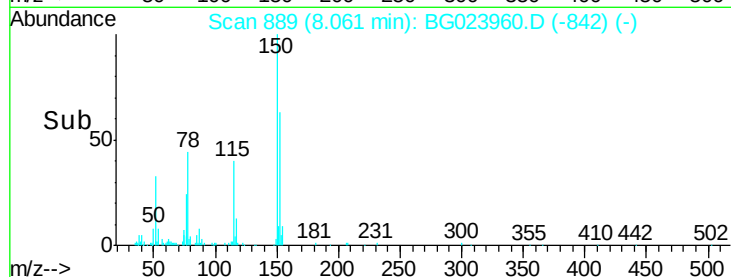
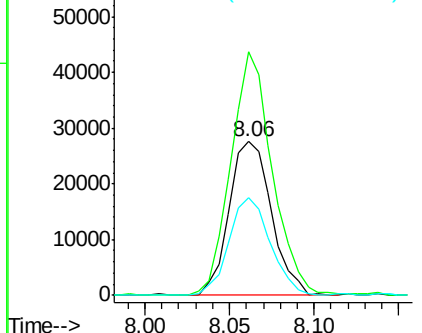
115 63.4 64.0 96.0#



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: 126.42 ng

RT: 5.61 min Scan# 472

Delta R.T. -0.03 min

Lab File: BG023960.D

Acq: 7 Sep 2016 19:42

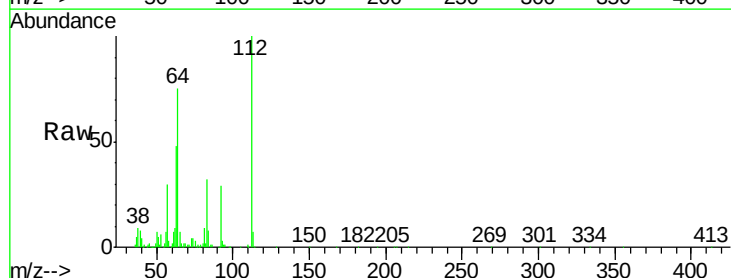
Tgt Ion:112 Resp: 347222

Ion Ratio Lower Upper

112 100

64 74.7 59.0 88.4

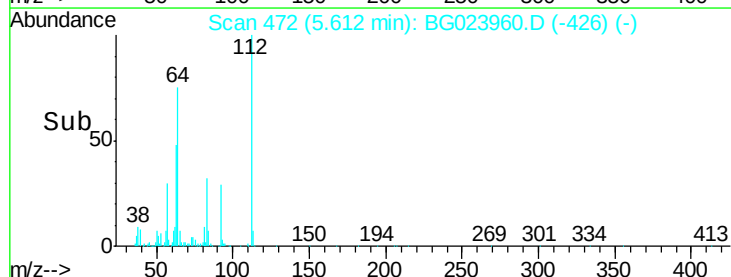
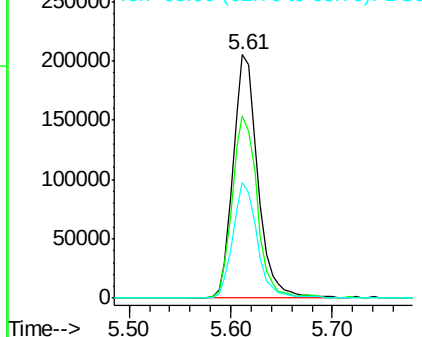
63 47.6 37.8 56.8

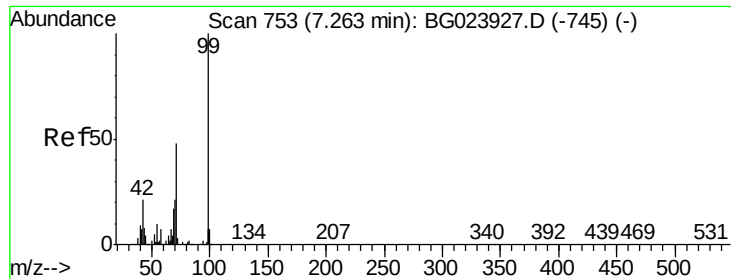


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 126.80 ng

RT: 7.23 min Scan# 748

Delta R.T. -0.03 min

Lab File: BG023960.D

Acq: 7 Sep 2016 19:42

Instrument :

BNA_G

ClientSampleId :

DI-SW-EAST

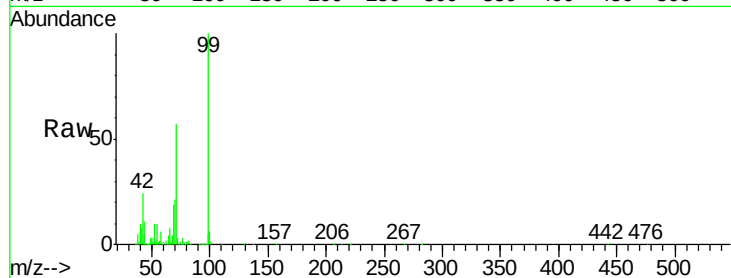
Tgt Ion: 99 Resp: 536089

Ion Ratio Lower Upper

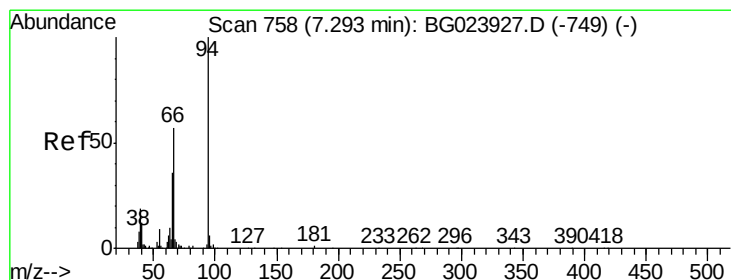
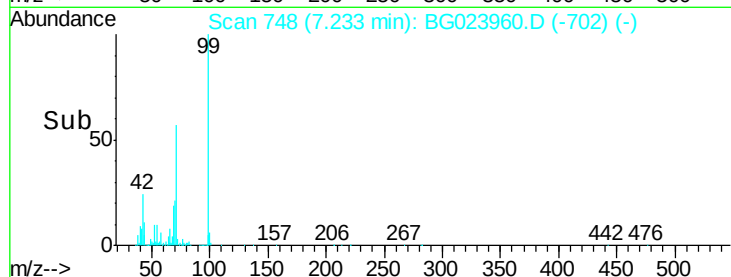
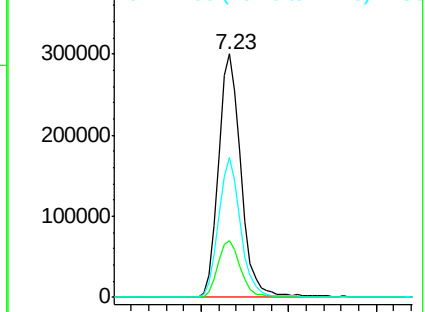
99 100

42 23.5 17.8 26.6

71 57.5 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



#10

Phenol

Concen: 2.02 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.03 min

Lab File: BG023960.D

Acq: 7 Sep 2016 19:42

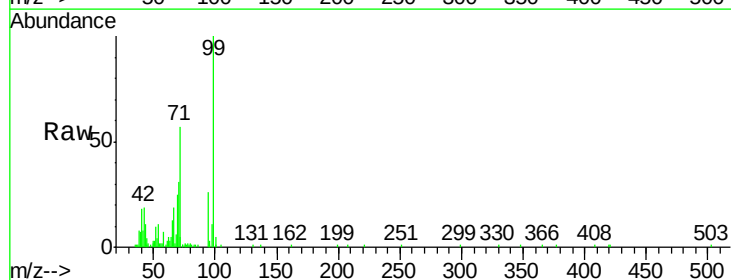
Tgt Ion: 94 Resp: 8969

Ion Ratio Lower Upper

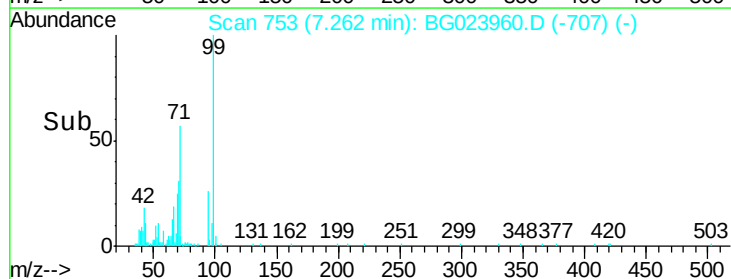
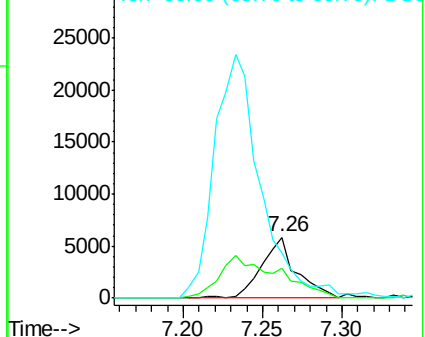
94 100

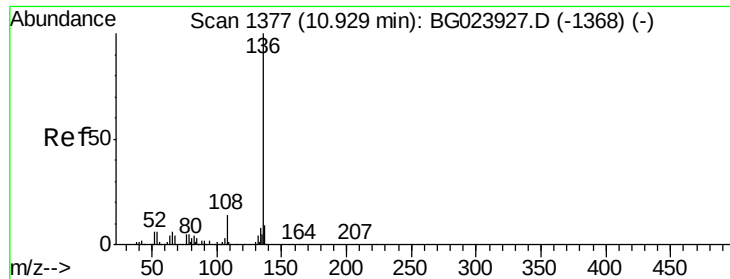
65 49.9 18.1 58.1

66 73.9 42.1 82.1



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

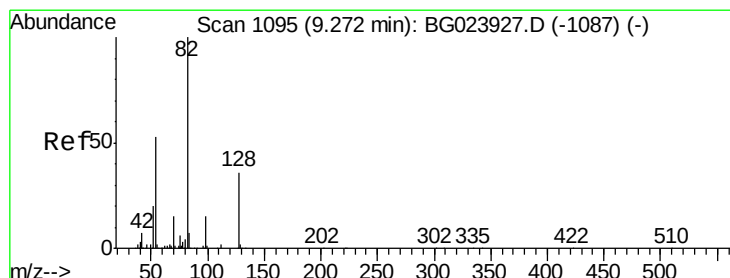
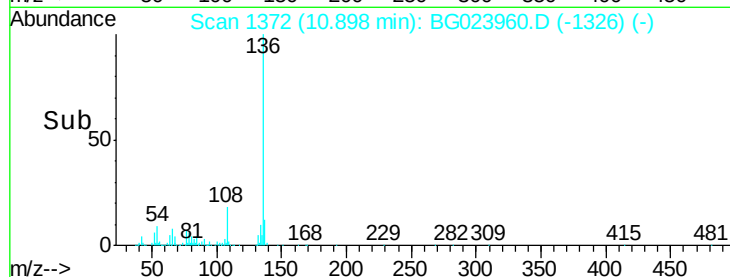
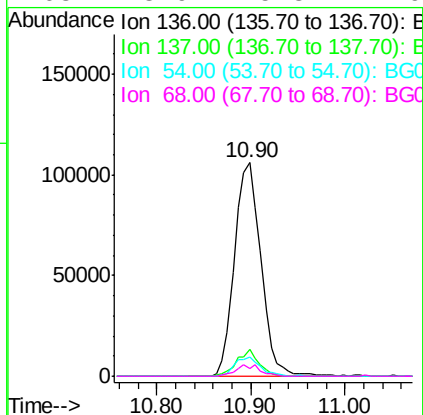
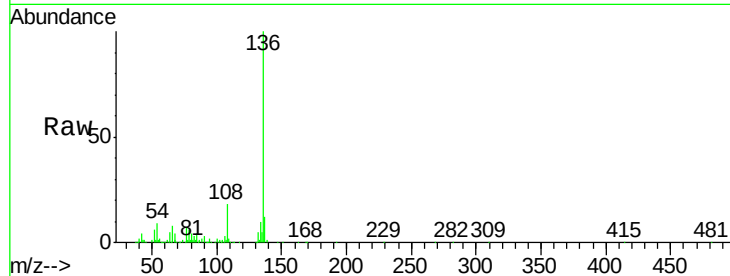




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.90 min Scan# 1372
Delta R.T. -0.03 min
Lab File: BG023960.D
Acq: 7 Sep 2016 19:42

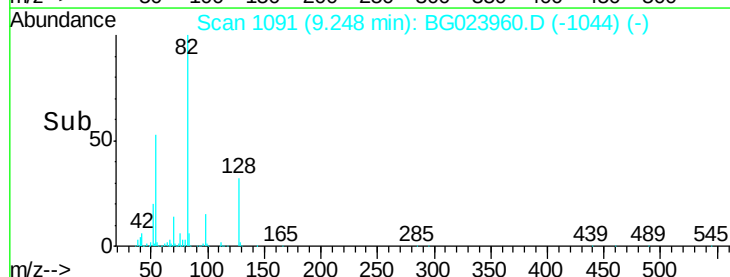
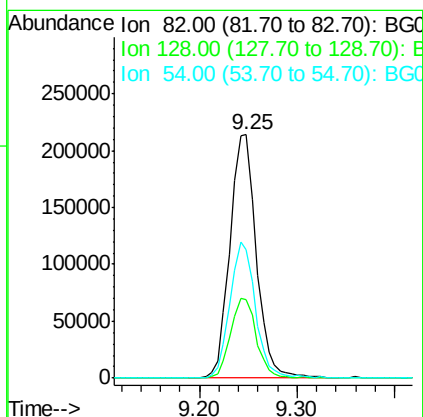
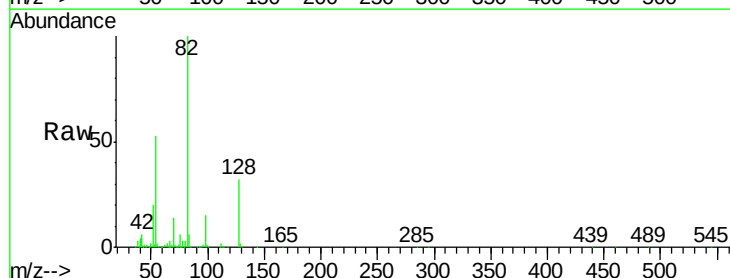
Instrument :
BNA_G
ClientSampleId :
DI-SW-EAST

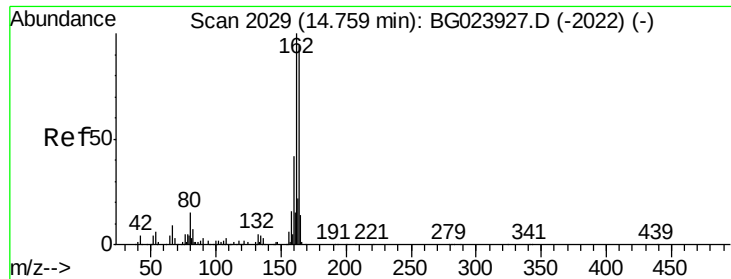
Tgt Ion:	136	Resp:	207241
Ion	Ratio	Lower	Upper
136	100		
137	12.5	9.6	14.4
54	8.8	7.3	10.9
68	3.9	5.3	7.9#



#23
Nitrobenzene-d5
Concen: 86.93 ng
RT: 9.25 min Scan# 1091
Delta R.T. -0.02 min
Lab File: BG023960.D
Acq: 7 Sep 2016 19:42

Tgt Ion:	82	Resp:	403543
Ion	Ratio	Lower	Upper
82	100		
128	32.4	24.4	36.6
54	52.6	41.4	62.0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.73 min Scan# 2025

Delta R.T. -0.02 min

Lab File: BG023960.D

Acq: 7 Sep 2016 19:42

Instrument :

BNA_G

ClientSampleId :

DI-SW-EAST

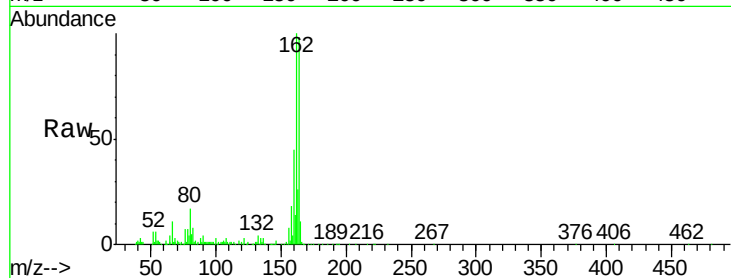
Tgt Ion:164 Resp: 145177

Ion Ratio Lower Upper

164 100

162 102.0 87.7 131.5

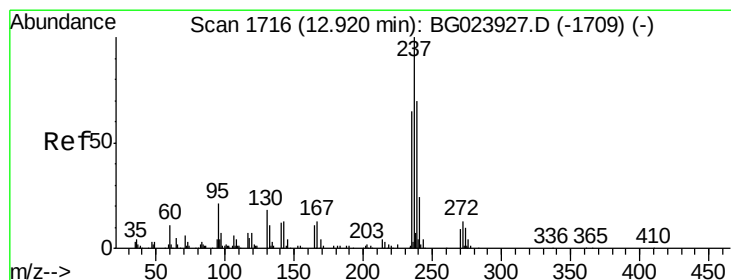
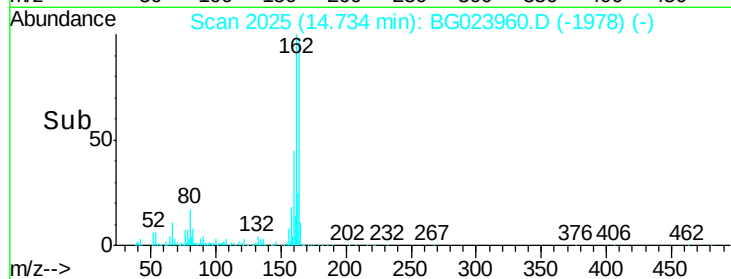
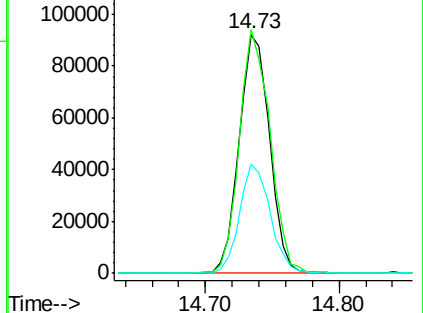
160 45.7 37.2 55.8



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: 12.68 min Scan# 1675

Delta R.T. -0.24 min

Lab File: BG023960.D

Acq: 7 Sep 2016 19:42

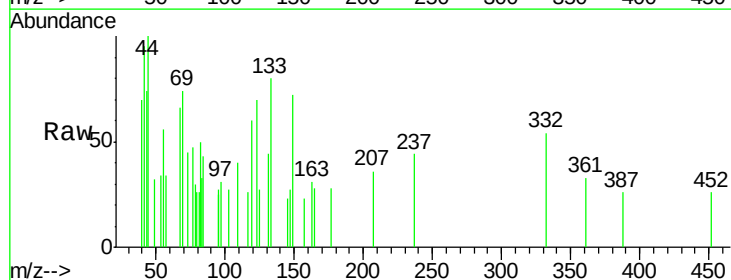
Tgt Ion:237 Resp: 100

Ion Ratio Lower Upper

237 100

235 0.0 43.1 83.1#

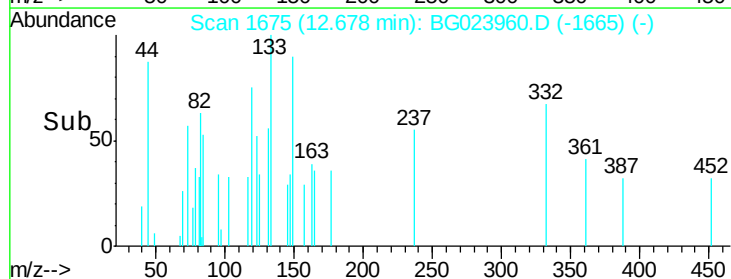
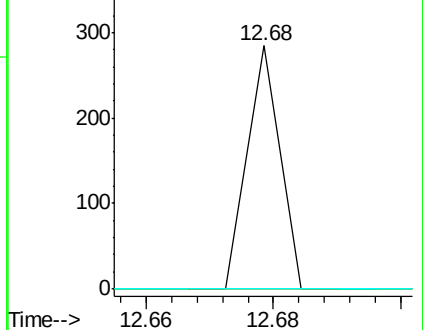
272 0.0 0.0 30.9

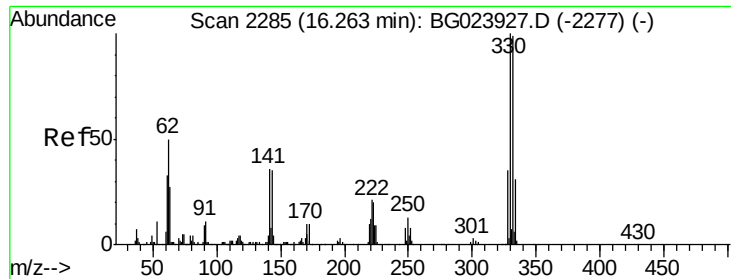


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

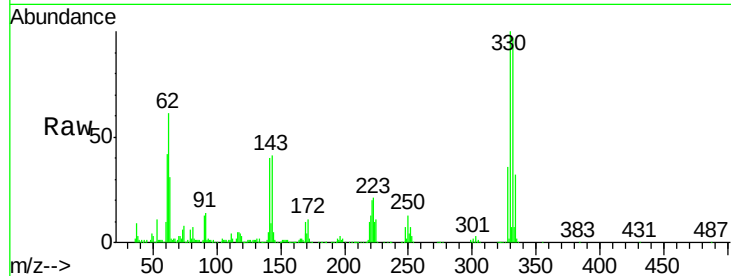




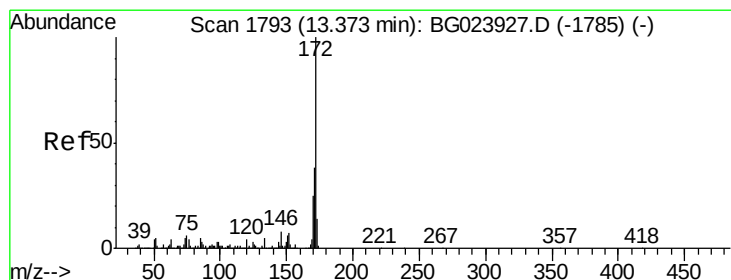
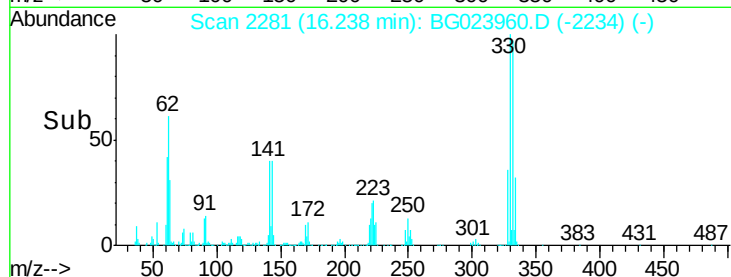
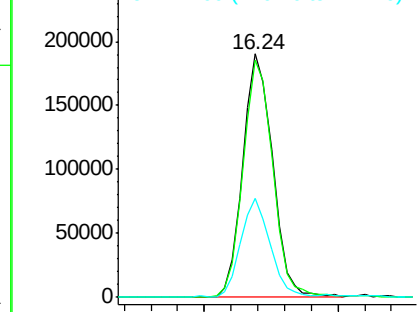
#41
 2,4,6-Tribromophenol
 Concen: 112.51 ng
 RT: 16.24 min Scan# 2281
 Delta R.T. -0.02 min
 Lab File: BG023960.D
 Acq: 7 Sep 2016 19:42

Instrument :
 BNA_G
 ClientSampleId :
 DI-SW-EAST

Tgt Ion:330 Resp: 294279
 Ion Ratio Lower Upper
 330 100
 332 97.8 77.4 116.2
 141 40.0 31.7 47.5

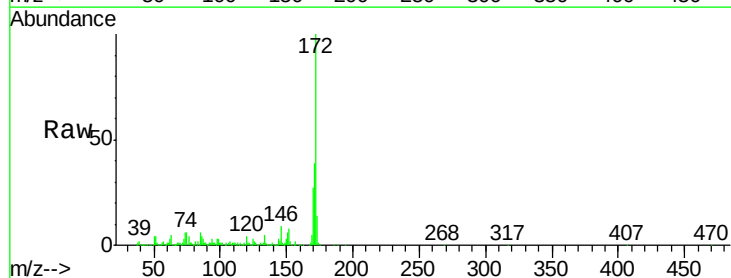


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

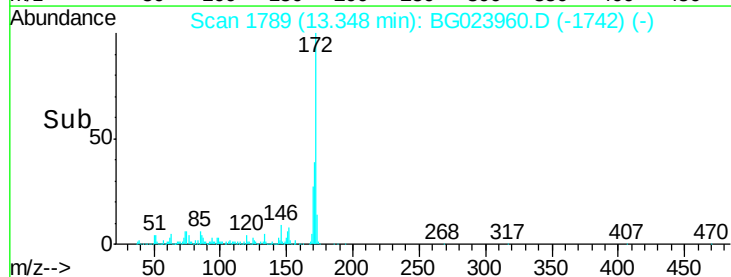
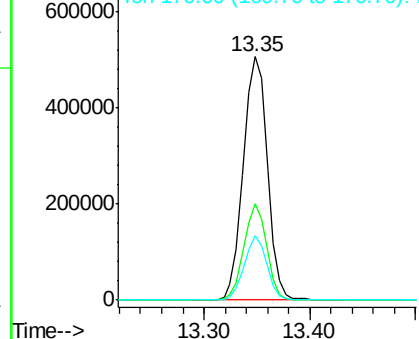


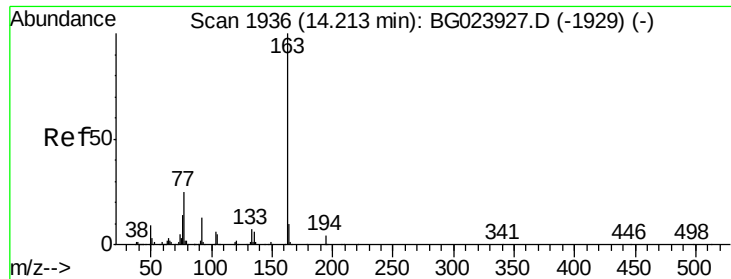
#44
 2-Fluorobiphenyl
 Concen: 78.50 ng
 RT: 13.35 min Scan# 1789
 Delta R.T. -0.02 min
 Lab File: BG023960.D
 Acq: 7 Sep 2016 19:42

Tgt Ion:172 Resp: 794856
 Ion Ratio Lower Upper
 172 100
 171 39.5 31.6 47.4
 170 26.6 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: 20.10 ng

RT: 14.18 min Scan# 1931

Delta R.T. -0.03 min

Lab File: BG023960.D

Acq: 7 Sep 2016 19:42

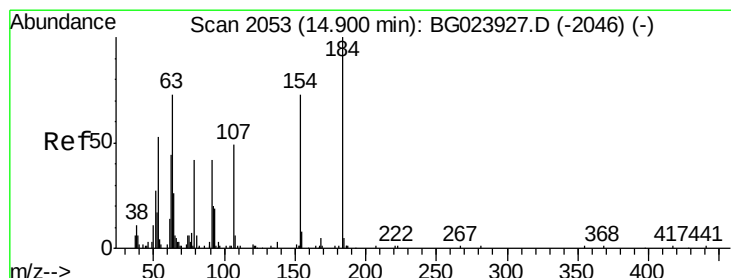
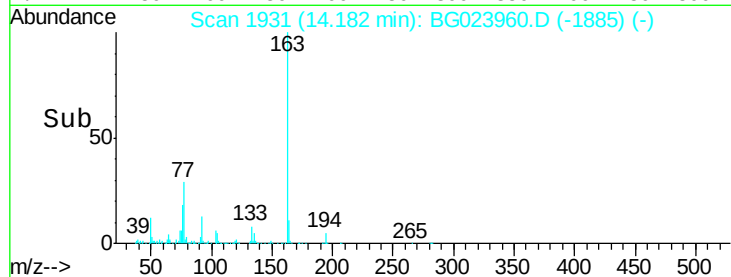
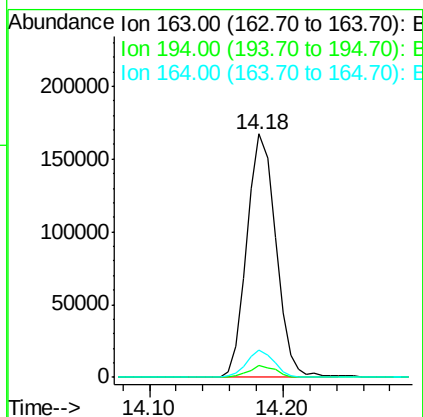
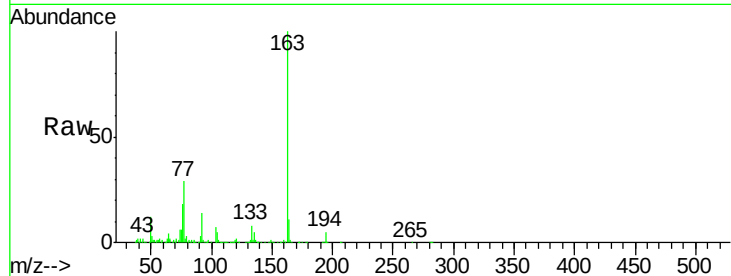
Instrument :

BNA_G

ClientSampleId :

DI-SW-EAST

Tgt Ion:	163	Resp:	250215
Ion Ratio		Lower	Upper
163	100		
194	5.0	3.6	5.4
164	11.1	8.1	12.1



#53

2,4-Dinitrophenol

Concen: 6.56 ng

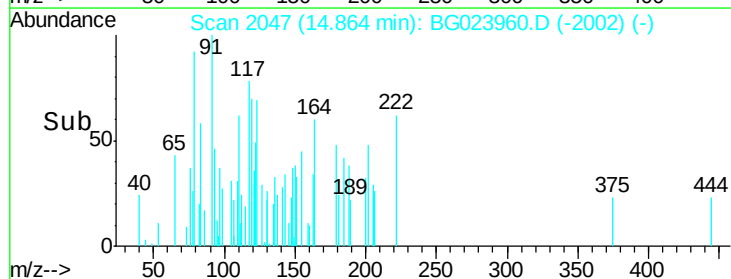
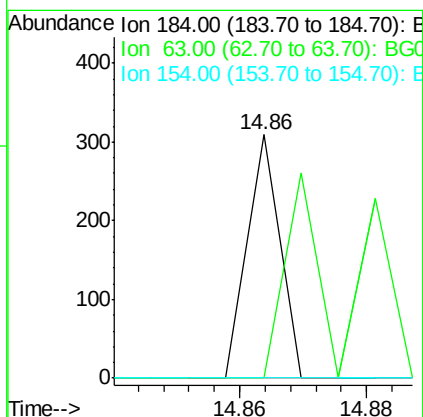
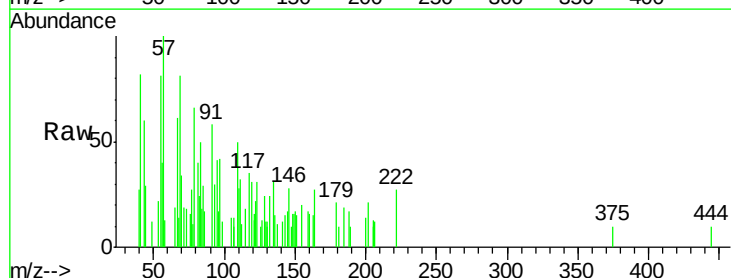
RT: 14.86 min Scan# 2047

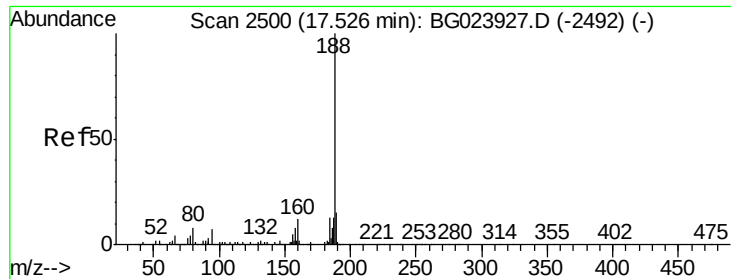
Delta R.T. -0.04 min

Lab File: BG023960.D

Acq: 7 Sep 2016 19:42

Tgt Ion:	184	Resp:	109
Ion Ratio		Lower	Upper
184	100		
63	0.0	59.6	89.4#
154	0.0	67.4	101.0#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.50 min Scan# 2496

Delta R.T. -0.02 min

Lab File: BG023960.D

Acq: 7 Sep 2016 19:42

Instrument :

BNA_G

ClientSampleId :

DI-SW-EAST

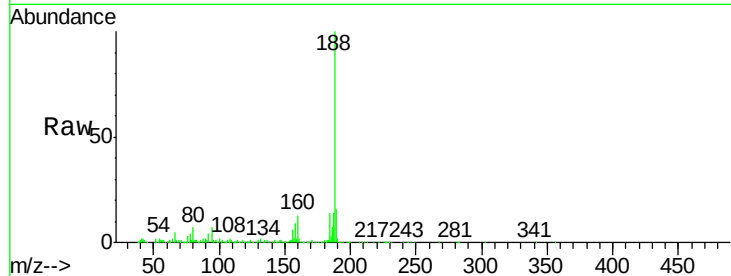
Tgt Ion:188 Resp: 338484

Ion Ratio Lower Upper

188 100

94 7.3 5.2 7.8

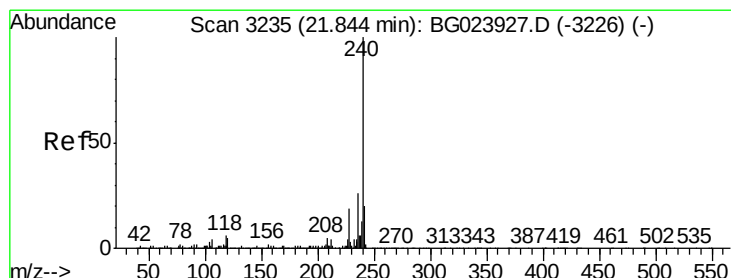
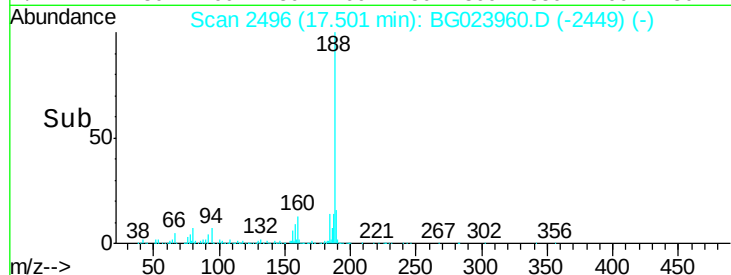
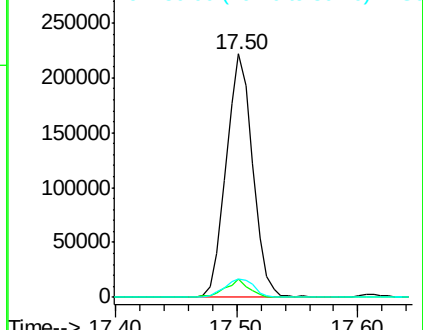
80 7.4 7.2 10.8



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: 21.81 min Scan# 3229

Delta R.T. -0.04 min

Lab File: BG023960.D

Acq: 7 Sep 2016 19:42

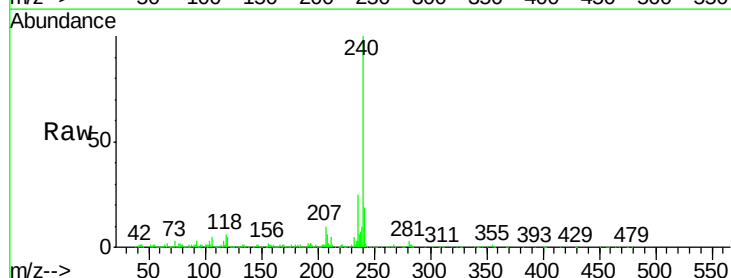
Tgt Ion:240 Resp: 403828

Ion Ratio Lower Upper

240 100

120 5.3 4.1 6.1

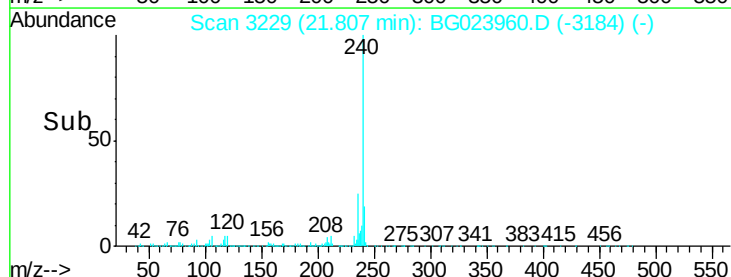
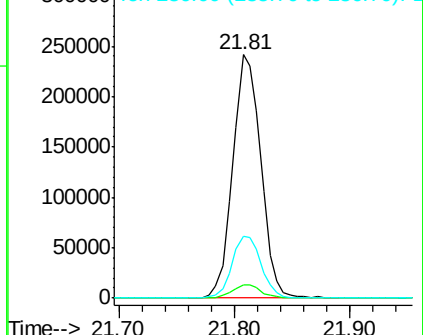
236 25.3 21.1 31.7

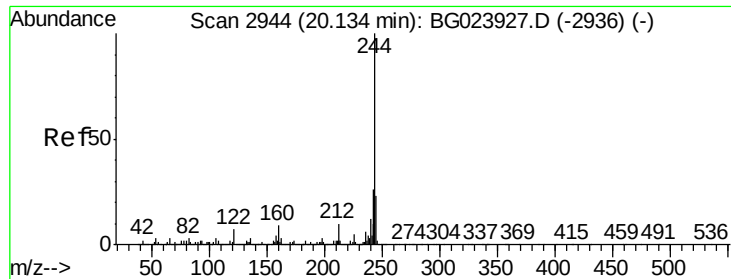


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 72.09 ng

RT: 20.11 min Scan# 2940

Delta R.T. -0.02 min

Lab File: BG023960.D

Acq: 7 Sep 2016 19:42

Instrument :

BNA_G

ClientSampleId :

DI-SW-EAST

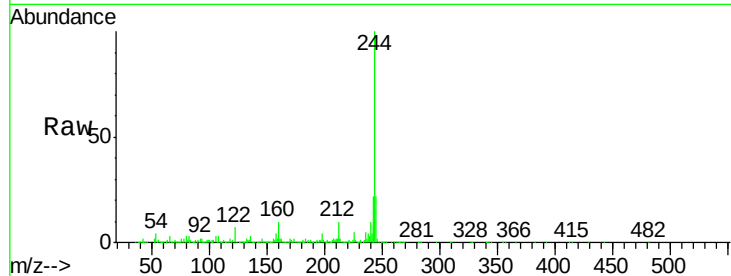
Tgt Ion:244 Resp: 1278248

Ion Ratio Lower Upper

244 100

212 9.9 10.8 16.2#

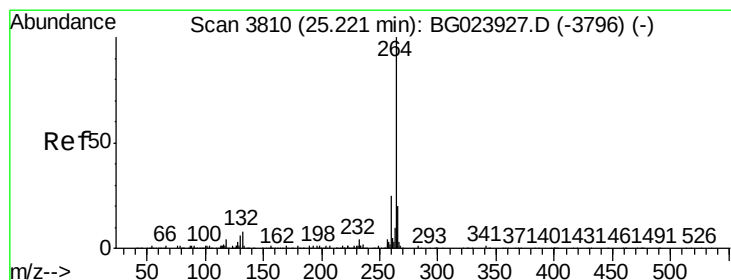
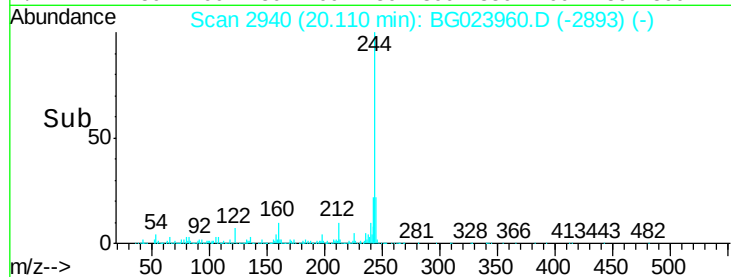
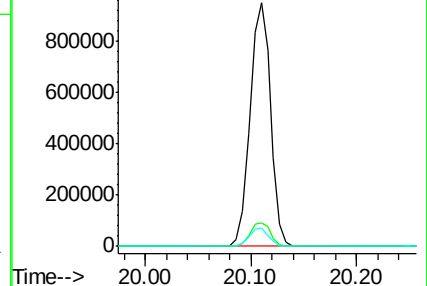
122 7.3 8.0 12.0#



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. -0.06 min

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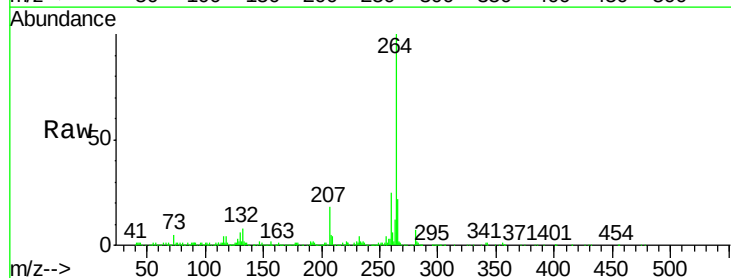
Tgt Ion:264 Resp: 411253

Ion Ratio Lower Upper

264 100

260 25.1 18.4 27.6

265 22.5 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

