

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091416\
 Data File : BG023988.D
 Acq On : 14 Sep 2016 19:03
 Operator : UM/SJ
 Sample : H4764-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-69-091216

Quant Time: Sep 15 00:39:25 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

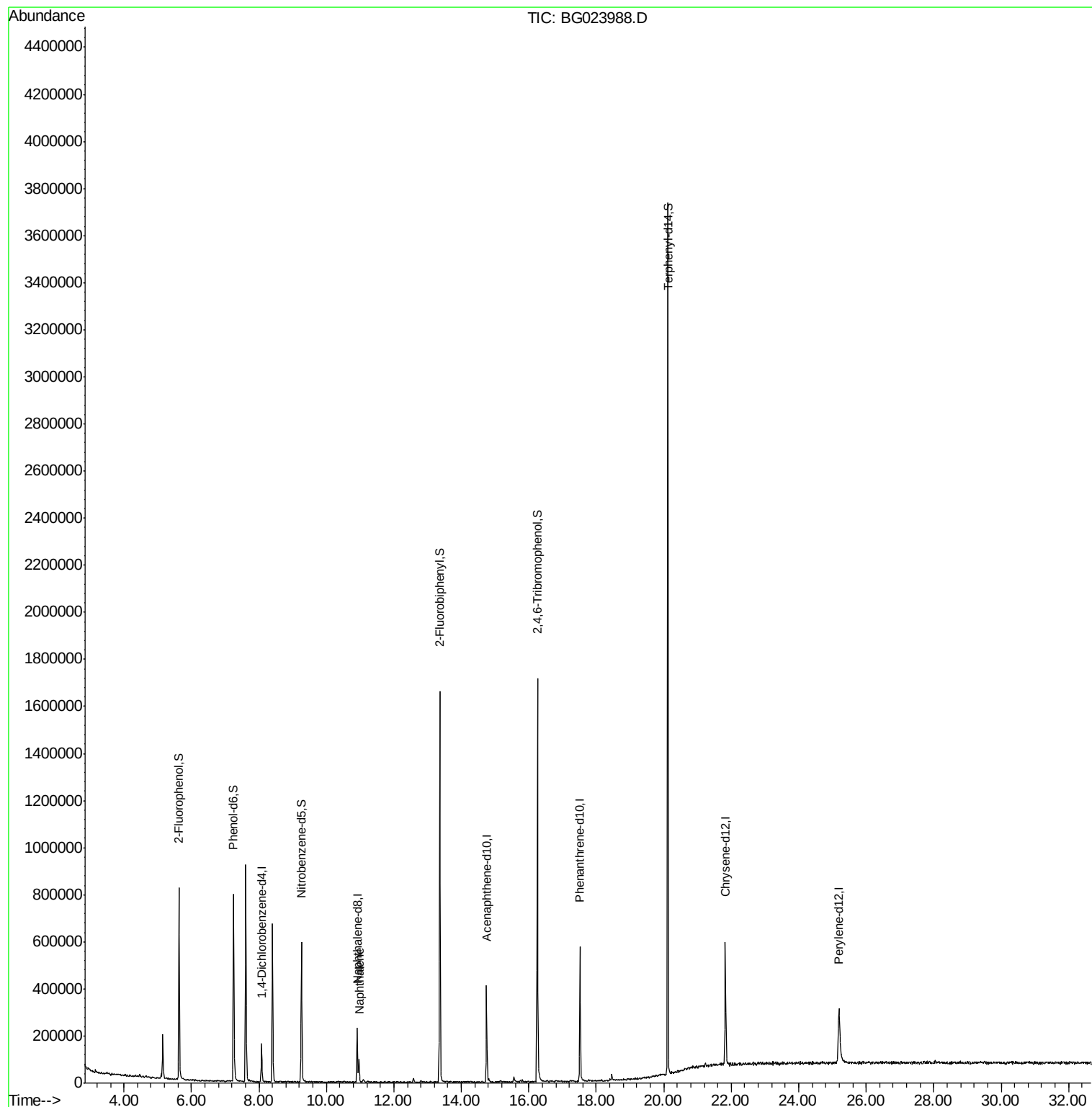
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	39884	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	170522	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	150703	20.00	ng	-0.02
63) Phenanthrene-d10	17.51	188	354589	20.00	ng	-0.01
75) Chrysene-d12	21.83	240	382260	20.00	ng	-0.02
86) Perylene-d12	25.20	264	348963	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	313476	137.99	ng	-0.02
7) Phenol-d6	7.25	99	417636	119.43	ng	-0.03
23) Nitrobenzene-d5	9.26	82	388037	101.59	ng	-0.02
41) 2,4,6-Tribromophenol	16.25	330	330754	121.82	ng	-0.02
44) 2-Fluorobiphenyl	13.36	172	836079	79.54	ng	-0.02
78) Terphenyl-d14	20.12	244	1532329	91.29	ng	-0.01
Target Compounds						
31) Naphthalene	10.96	128	81020	9.22	ng	Qvalue # 95

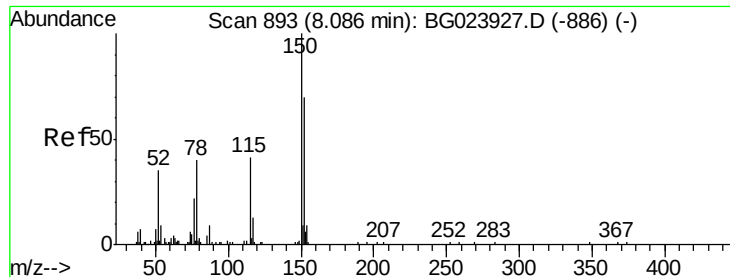
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.08 min Scan# 892

Delta R.T. -0.02 min

Lab File: BG023988.D

Acq: 14 Sep 2016 19:03

Instrument :

BNA_G

ClientSampleId :

HSR-WC-69-091216

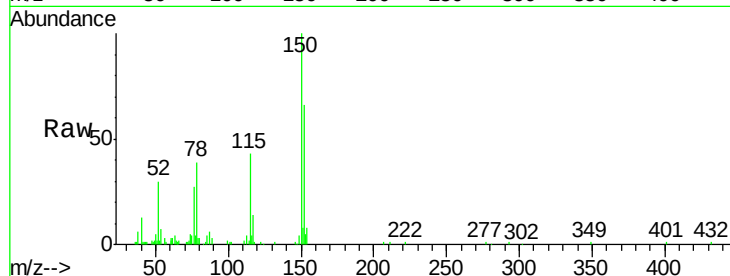
Tot Ion:152 Resp: 39884

Ion Ratio Lower Upper

152 100

150 151.5 144.7 217.1

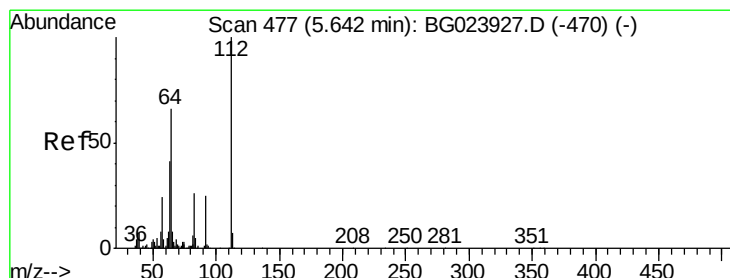
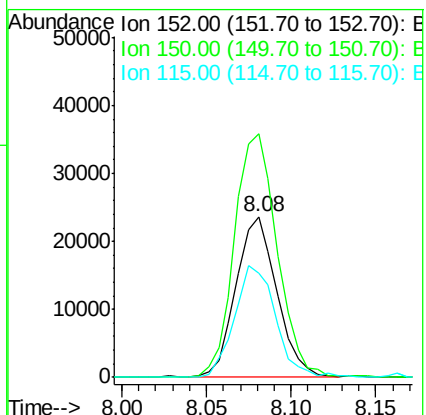
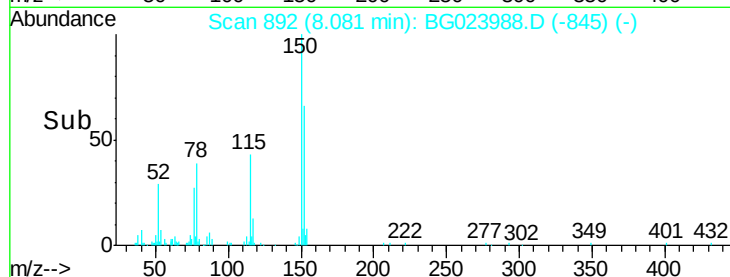
115 64.6 64.0 96.0



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: 137.99 ng

RT: 5.63 min Scan# 475

Delta R.T. -0.02 min

Lab File: BG023988.D

Acq: 14 Sep 2016 19:03

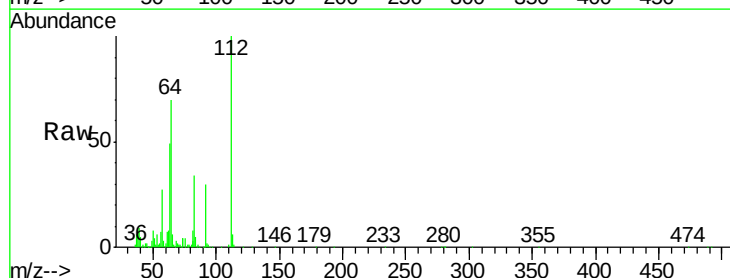
Tgt Ion:112 Resp: 313476

Ion Ratio Lower Upper

112 100

64 70.2 59.0 88.4

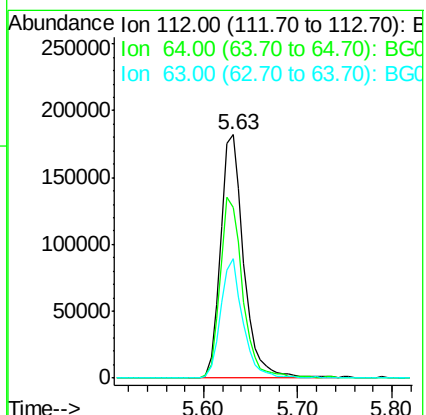
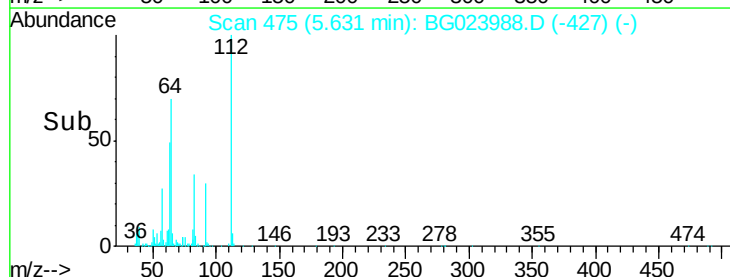
63 49.2 37.8 56.8

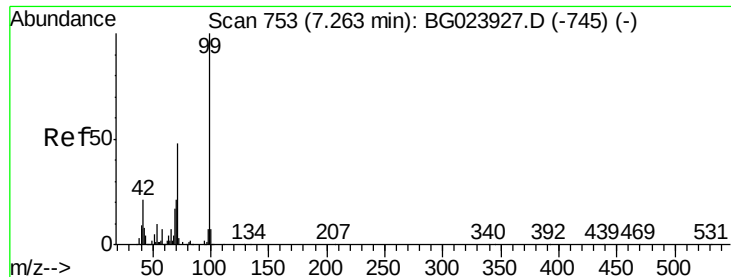


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 119.43 ng

RT: 7.25 min Scan# 750

Delta R.T. -0.03 min

Lab File: BG023988.D

Acq: 14 Sep 2016 19:03

Instrument :

BNA_G

ClientSampleId :

HSR-WC-69-091216

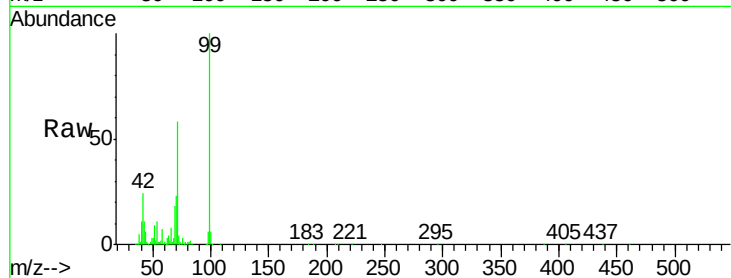
Tot Ion: 99 Resp: 417636

Ion Ratio Lower Upper

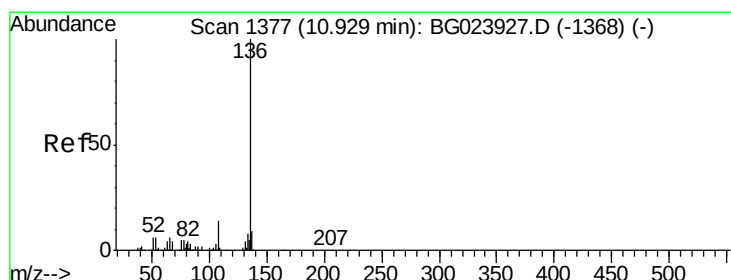
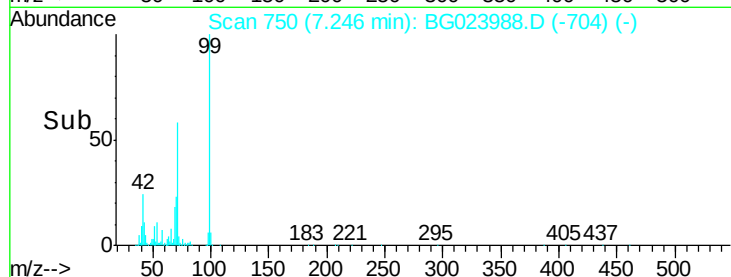
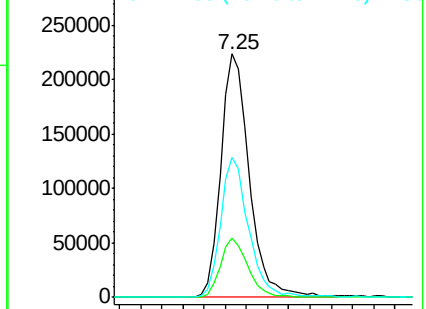
99 100

42 24.3 17.8 26.6

71 57.6 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: 10.91 min Scan# 1374

Delta R.T. -0.02 min

Lab File: BG023988.D

Acq: 14 Sep 2016 19:03

Tgt Ion: 136 Resp: 170522

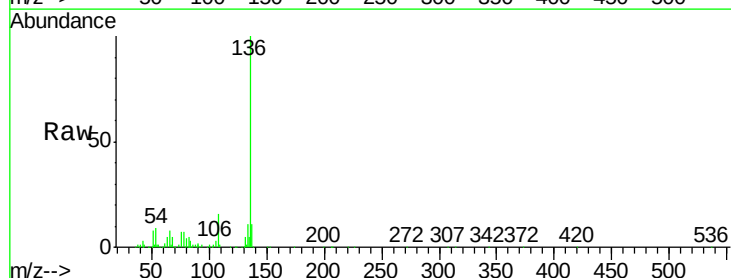
Ion Ratio Lower Upper

136 100

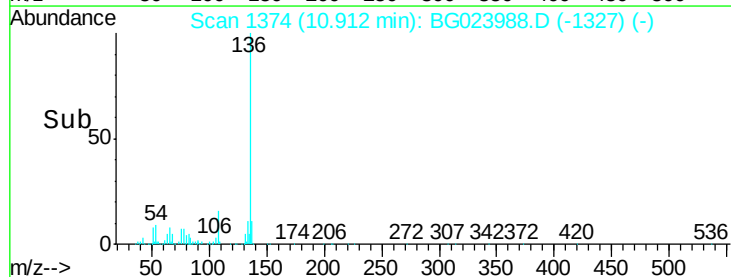
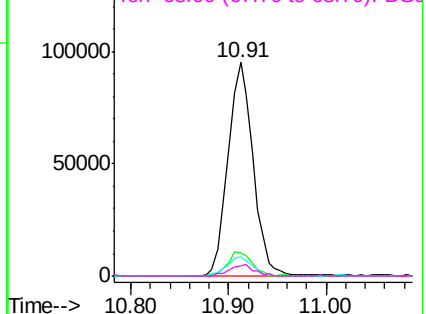
137 10.9 9.6 14.4

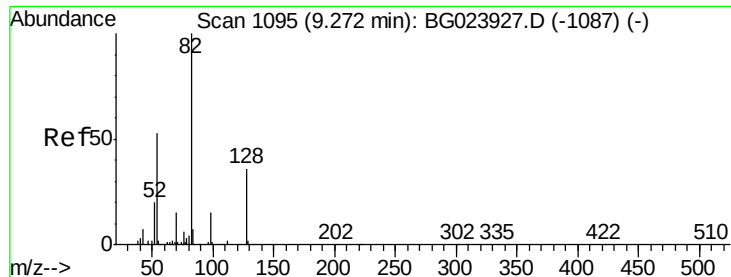
54 9.2 7.3 10.9

68 5.1 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

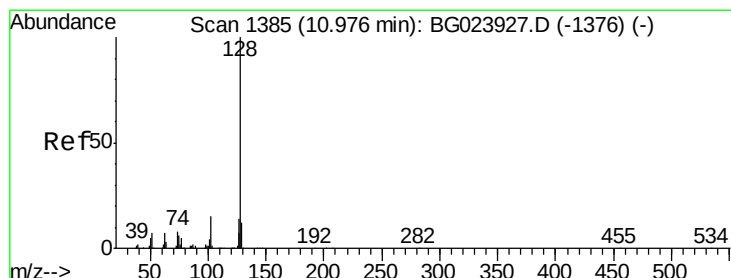
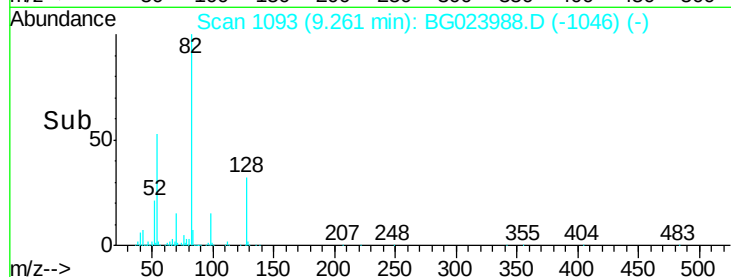
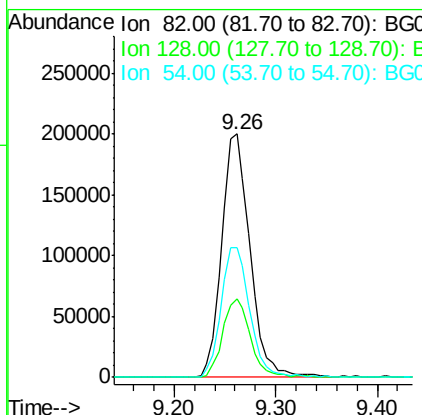
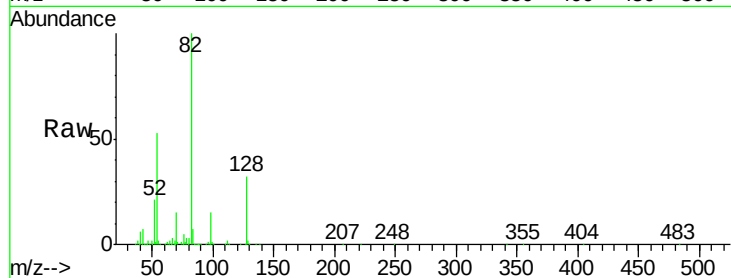




#23
Nitrobenzene-d5
Concen: 101.59 ng
RT: 9.26 min Scan# 1093
Delta R.T. -0.02 min
Lab File: BG023988.D
Acq: 14 Sep 2016 19:03

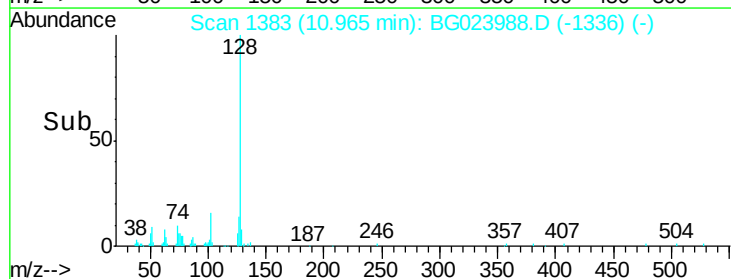
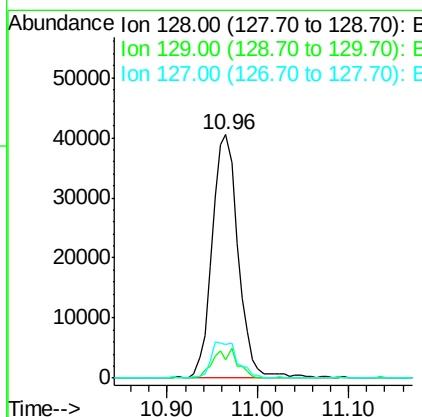
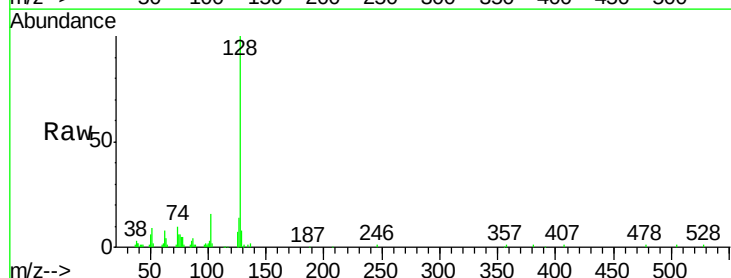
Instrument :
BNA_G
ClientSampleId :
HSR-WC-69-091216

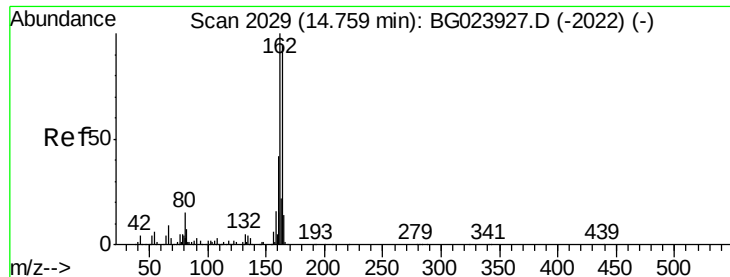
Tot Ion	82	Resp	388037
Ion Ratio	100	Lower	Upper
128	32.4	24.4	36.6
54	53.3	41.4	62.0



#31
Naphthalene
Concen: 9.22 ng
RT: 10.96 min Scan# 1383
Delta R.T. -0.02 min
Lab File: BG023988.D
Acq: 14 Sep 2016 19:03

Tgt Ion	128	Resp	81020
Ion Ratio	100	Lower	Upper
129	7.6	9.4	14.0#
127	14.1	11.3	16.9





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.75 min Scan# 2027

Delta R.T. -0.02 min

Lab File: BG023988.D

Acq: 14 Sep 2016 19:03

Instrument :

BNA_G

ClientSampleId :

HSR-WC-69-091216

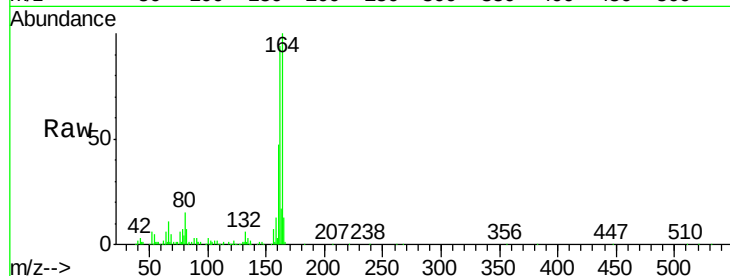
Tot Ion:164 Resp: 150703

Ion Ratio Lower Upper

164 100

162 94.3 87.7 131.5

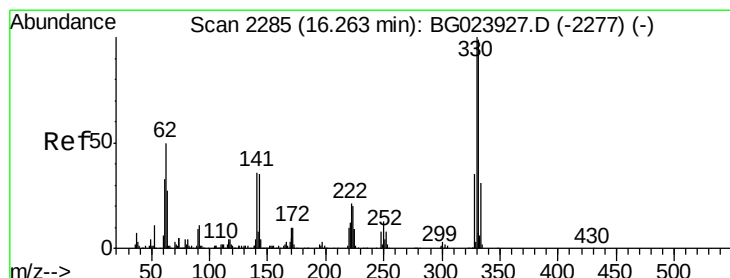
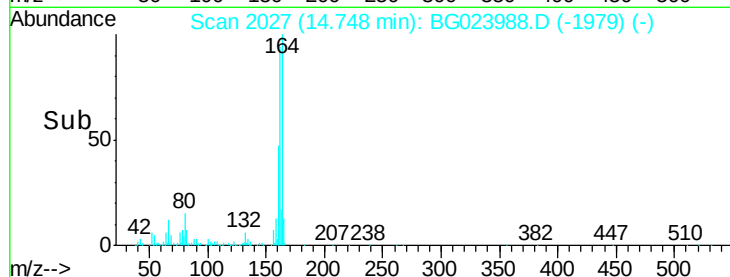
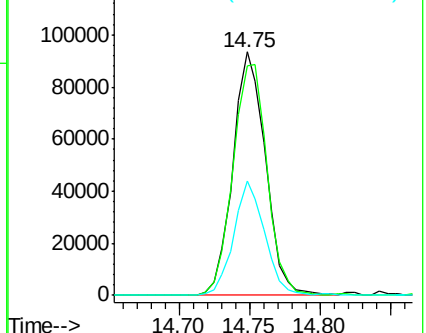
160 47.0 37.2 55.8



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



#41

2,4,6-Tribromophenol

Concen: 121.82 ng

RT: 16.25 min Scan# 2283

Delta R.T. -0.02 min

Lab File: BG023988.D

Acq: 14 Sep 2016 19:03

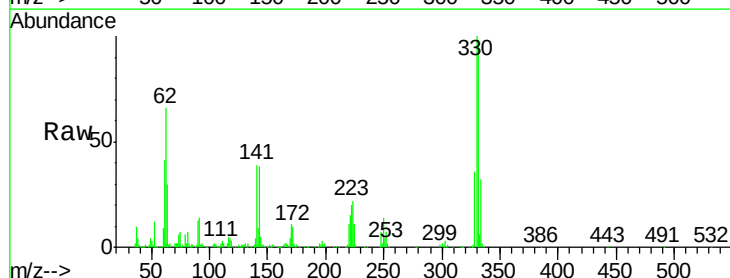
Tgt Ion:330 Resp: 330754

Ion Ratio Lower Upper

330 100

332 96.2 77.4 116.2

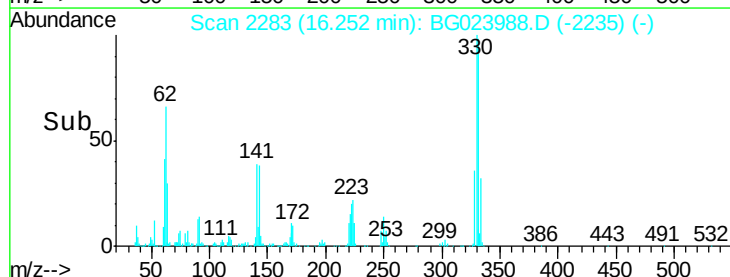
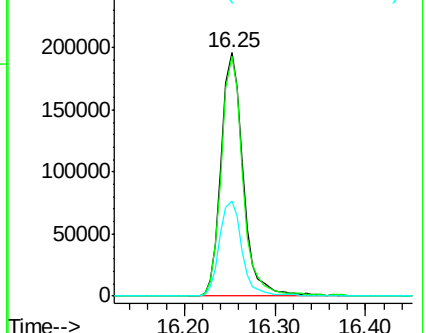
141 39.4 31.7 47.5

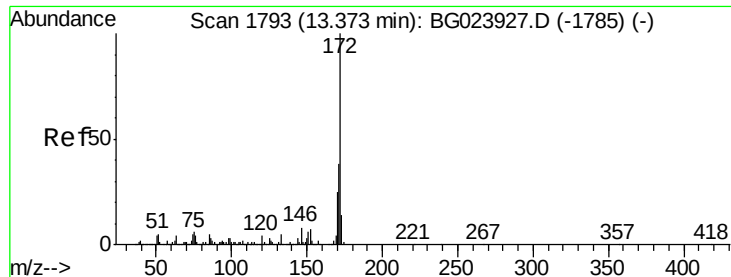


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

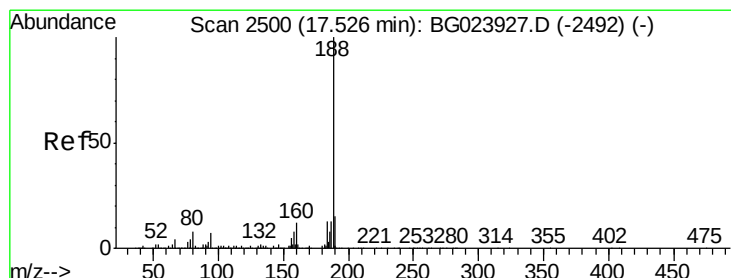
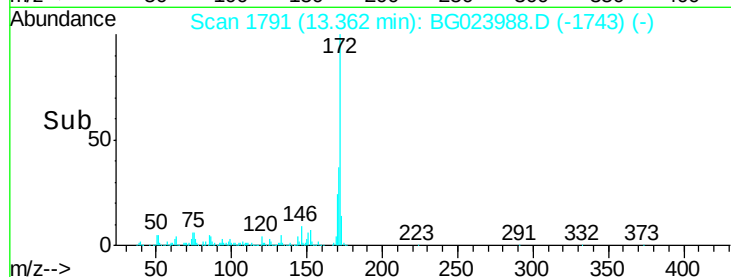
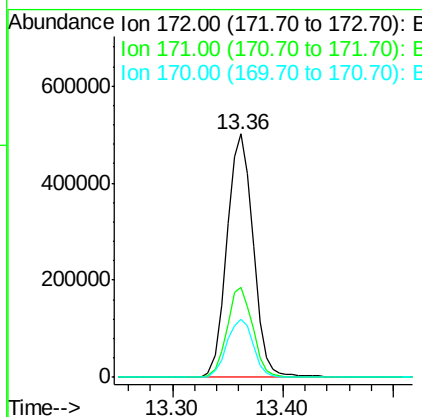
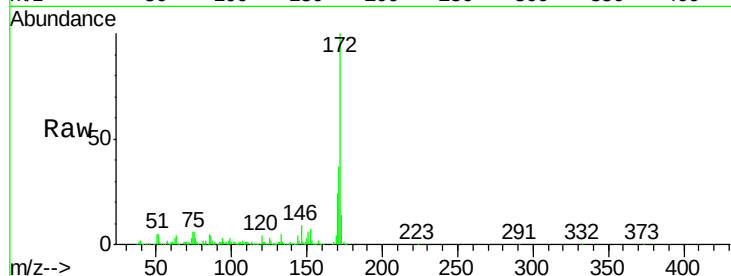




#44
2-Fluorobiphenyl
Concen: 79.54 ng
RT: 13.36 min Scan# 1791
Delta R.T. -0.02 min
Lab File: BG023988.D
Acq: 14 Sep 2016 19:03

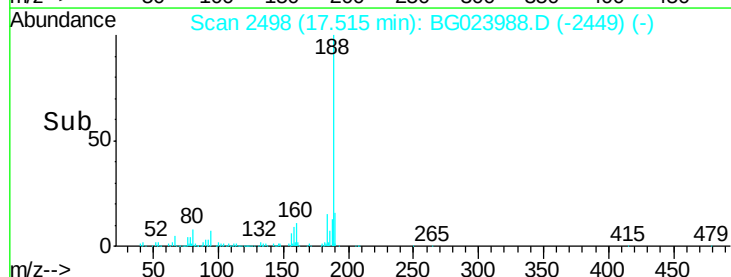
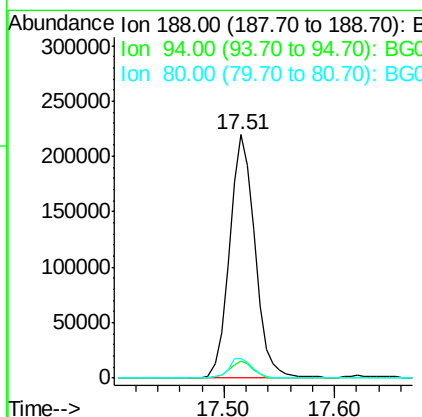
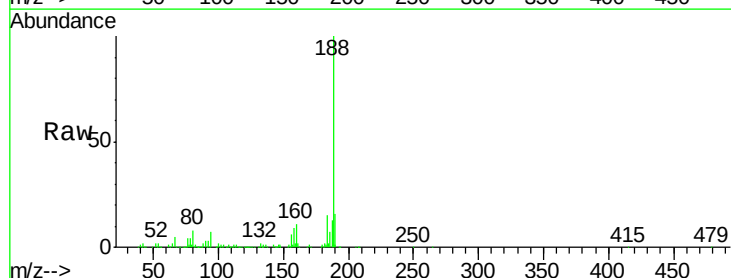
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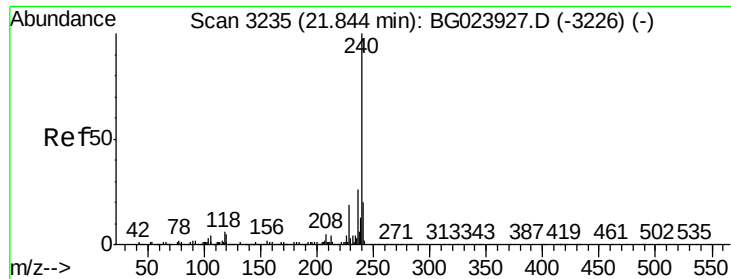
Tot Ion:172 Resp: 836079
Ion Ratio Lower Upper
172 100
171 36.8 31.6 47.4
170 24.0 21.3 31.9



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.51 min Scan# 2498
Delta R.T. -0.01 min
Lab File: BG023988.D
Acq: 14 Sep 2016 19:03

Tgt Ion:188 Resp: 354589
Ion Ratio Lower Upper
188 100
94 6.9 5.2 7.8
80 8.1 7.2 10.8

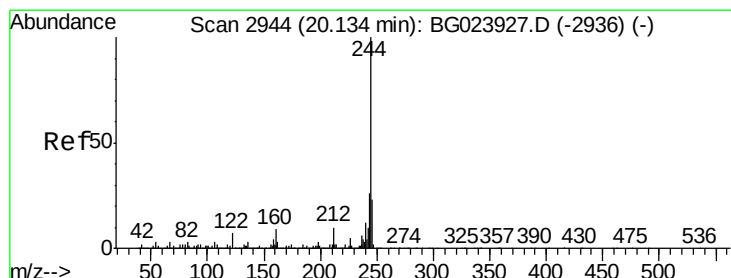
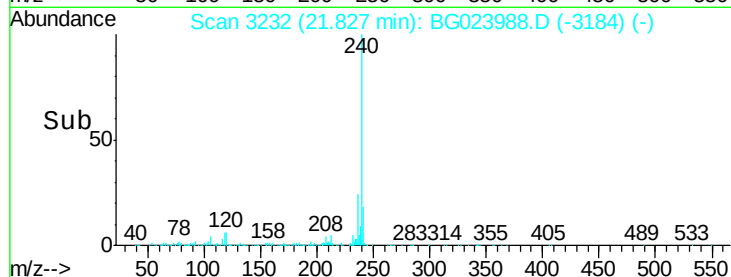
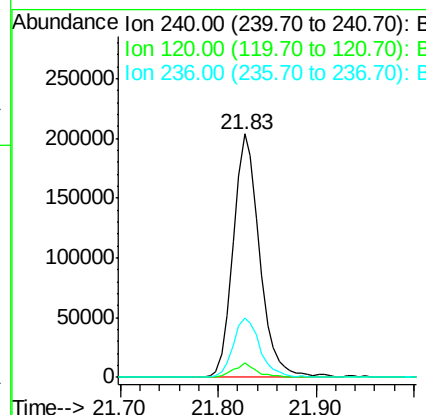
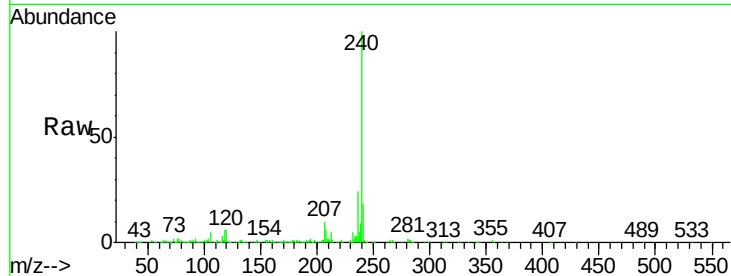




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.83 min Scan# 3232
Delta R.T. -0.02 min
Lab File: BG023988.D
Acq: 14 Sep 2016 19:03

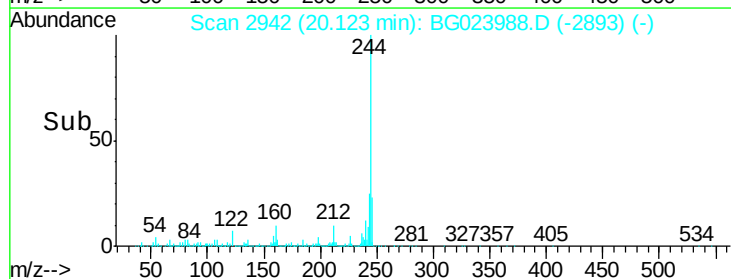
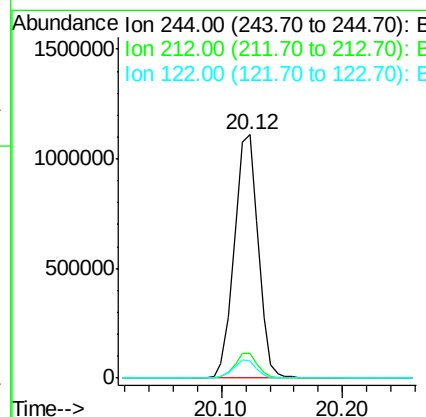
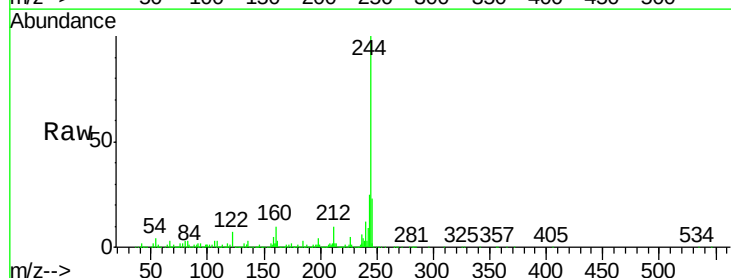
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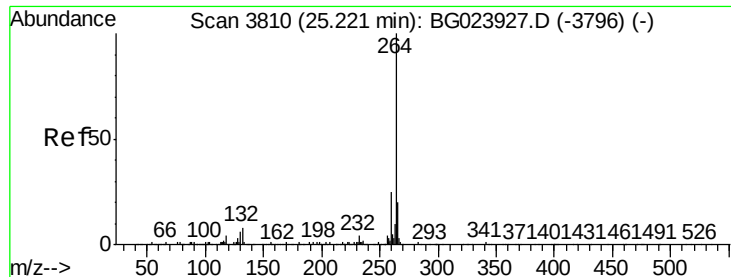
Tot Ion:240 Resp: 382260
Ion Ratio Lower Upper
240 100
120 5.7 4.1 6.1
236 24.5 21.1 31.7



#78
Terphenyl-d14
Concen: 91.29 ng
RT: 20.12 min Scan# 2942
Delta R.T. -0.01 min
Lab File: BG023988.D
Acq: 14 Sep 2016 19:03

Tgt Ion:244 Resp: 1532329
Ion Ratio Lower Upper
244 100
212 10.0 10.8 16.2#
122 7.1 8.0 12.0#





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.20 min Scan# 3806
 Delta R.T. -0.01 min
 Lab File: BG023988.D
 Acq: 14 Sep 2016 19:03

Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-69-091216

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.4	27.6
265	23.4	18.9	28.3

