

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG090116\
 Data File : BG023941.D
 Acq On : 1 Sep 2016 20:27
 Operator : UM/SJ
 Sample : H4649-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-68-083016

Quant Time: Sep 02 01:04:02 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

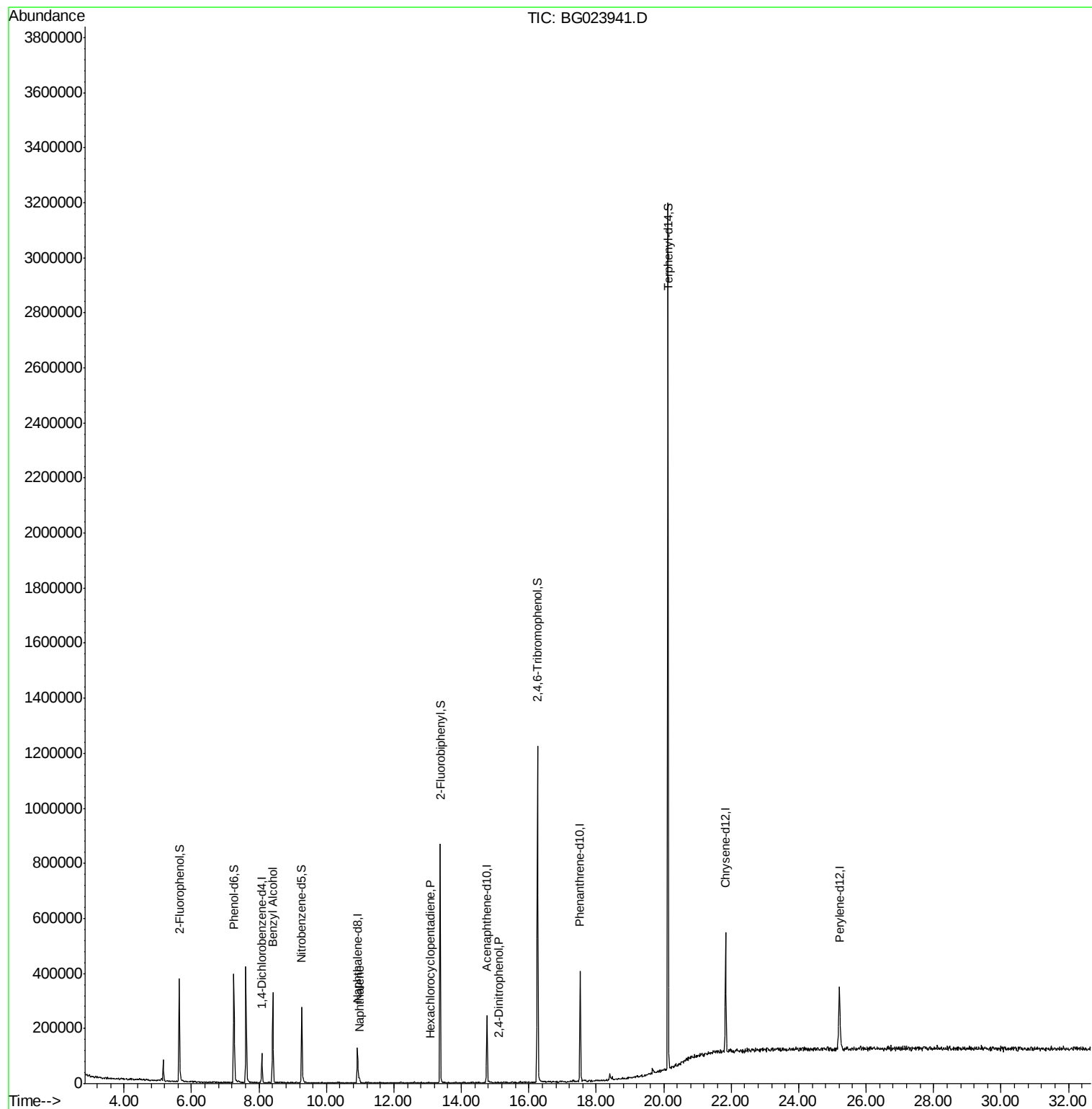
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	24191	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	109361	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	86373	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	249122	20.00	ng	0.00
75) Chrysene-d12	21.84	240	276102	20.00	ng	0.00
86) Perylene-d12	25.21	264	278439	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	138710	100.67	ng	0.00
7) Phenol-d6	7.26	99	190185	89.67	ng	0.00
23) Nitrobenzene-d5	9.27	82	173427	70.80	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	211057	135.63	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	425935	70.70	ng	0.00
78) Terphenyl-d14	20.13	244	1202749	99.21	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.41	79	3908	2.09	ng	# 61
31) Naphthalene	10.97	128	17964	3.19	ng	97
40) Hexachlorocyclopentadiene	13.07	237	58	7.11	ng	# 26
53) 2,4-Dinitrophenol	15.10	184	93	6.59	ng	# 10

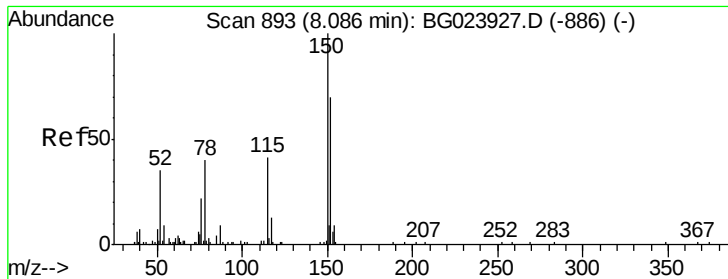
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG090116\
Data File : BG023941.D
Acq On : 1 Sep 2016 20:27
Operator : UM/SJ
Sample : H4649-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HSR-WC-68-083016

Quant Time: Sep 02 01:04:02 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.08 min Scan# 893

Delta R.T. -0.00 min

Lab File: BG023941.D

Acq: 1 Sep 2016 20:27

Instrument :

BNA_G

ClientSampleId :

HSR-WC-68-083016

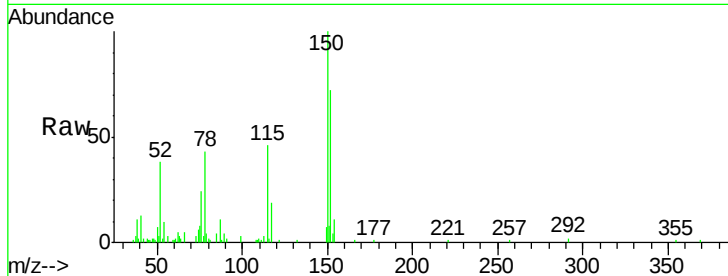
Tgt Ion:152 Resp: 24191

Ion Ratio Lower Upper

152 100

150 139.2 144.7 217.1#

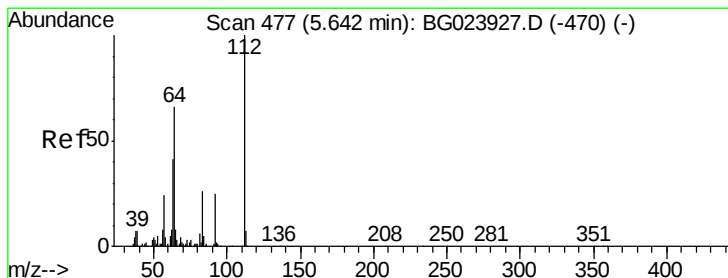
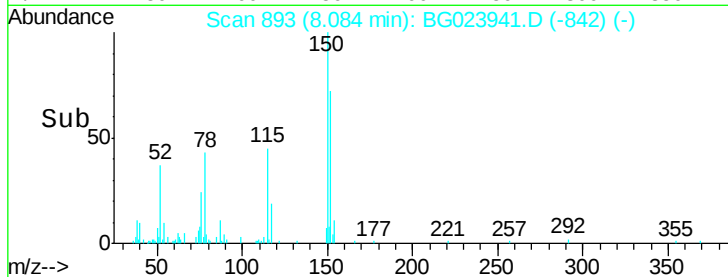
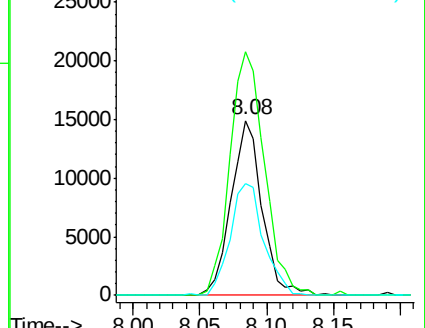
115 63.9 64.0 96.0#



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: 100.67 ng

RT: 5.63 min Scan# 476

Delta R.T. -0.01 min

Lab File: BG023941.D

Acq: 1 Sep 2016 20:27

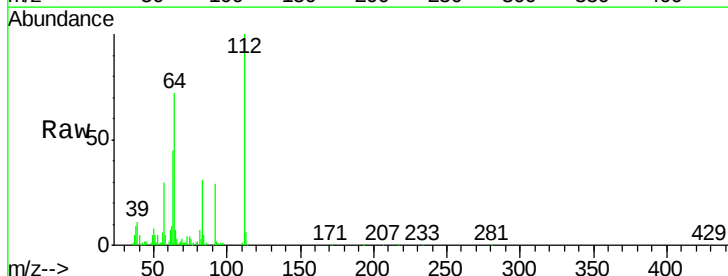
Tgt Ion:112 Resp: 138710

Ion Ratio Lower Upper

112 100

64 72.0 59.0 88.4

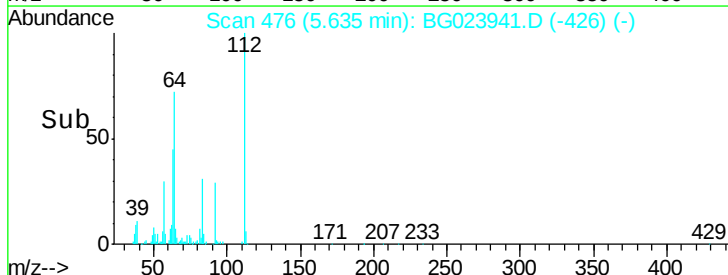
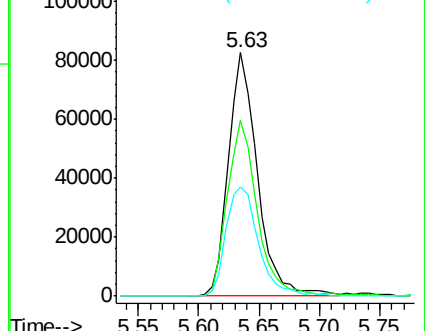
63 45.1 37.8 56.8

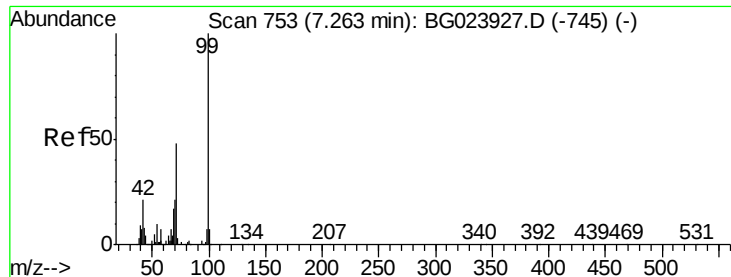


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 89.67 ng

RT: 7.26 min Scan# 752

Delta R.T. -0.01 min

Lab File: BG023941.D

Acq: 1 Sep 2016 20:27

Instrument :

BNA_G

ClientSampleId :

HSR-WC-68-083016

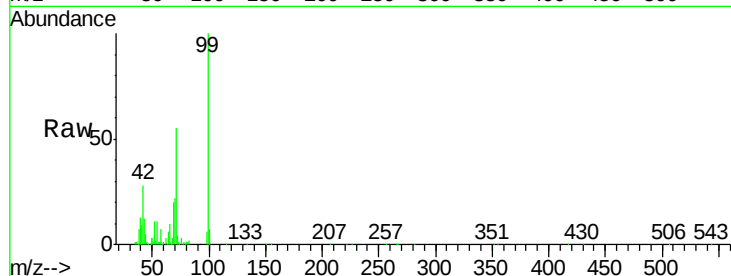
Tgt Ion: 99 Resp: 190185

Ion Ratio Lower Upper

99 100

42 28.4 17.8 26.6#

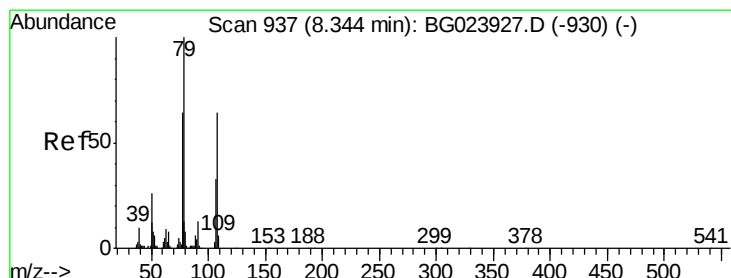
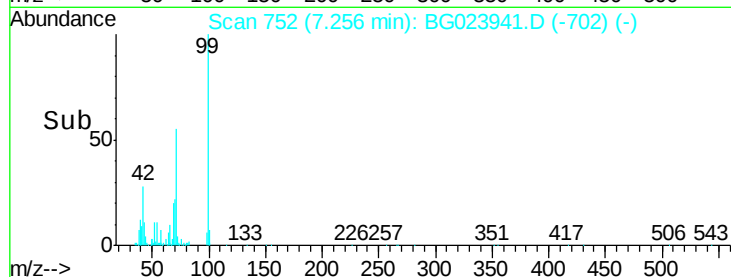
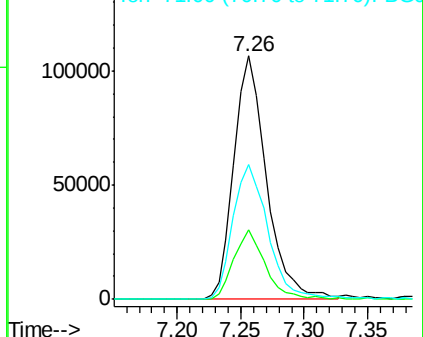
71 55.5 41.5 62.3



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



#15

Benzyl Alcohol

Concen: 2.09 ng

RT: 8.41 min Scan# 948

Delta R.T. 0.06 min

Lab File: BG023941.D

Acq: 1 Sep 2016 20:27

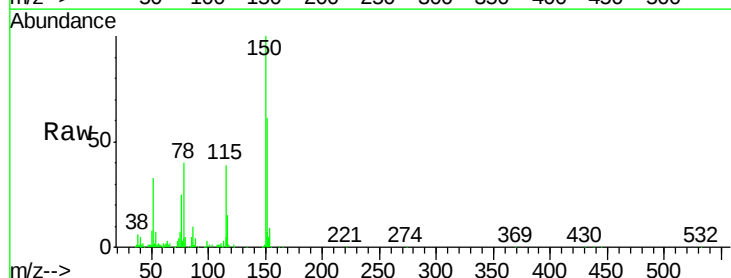
Tgt Ion: 79 Resp: 3908

Ion Ratio Lower Upper

79 100

108 25.6 46.5 69.7#

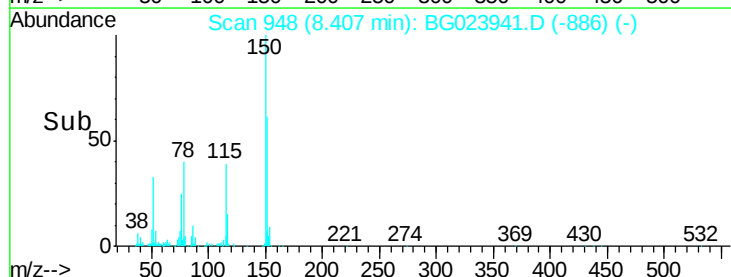
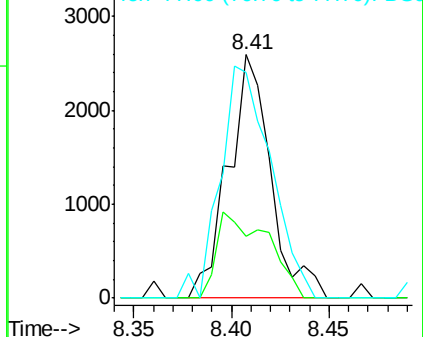
77 92.9 52.3 78.5#

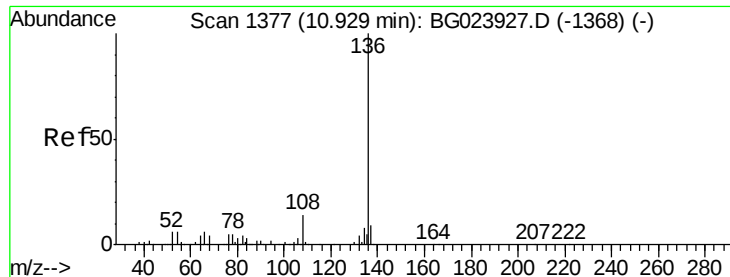


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

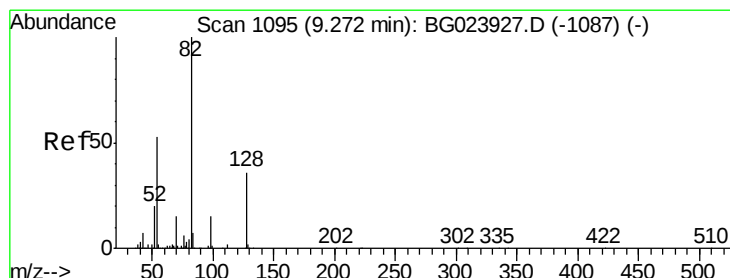
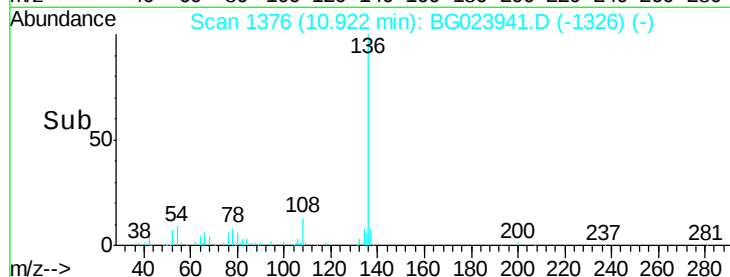
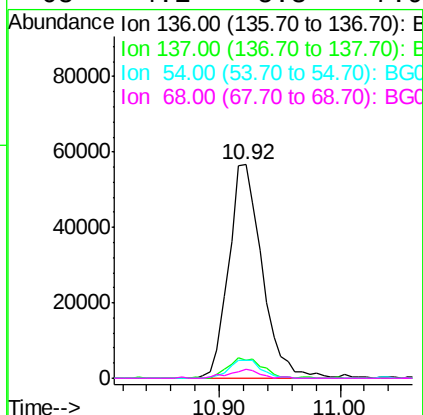
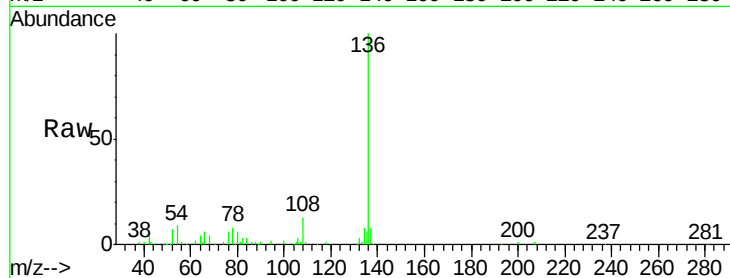




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.92 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BG023941.D
Acq: 1 Sep 2016 20:27

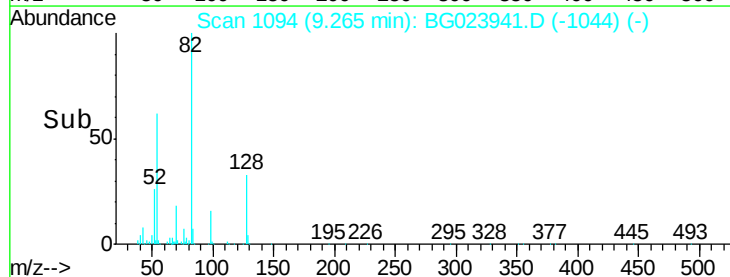
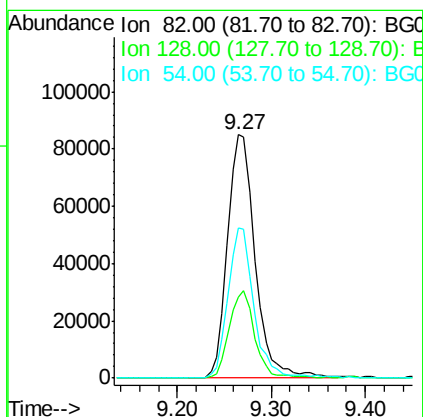
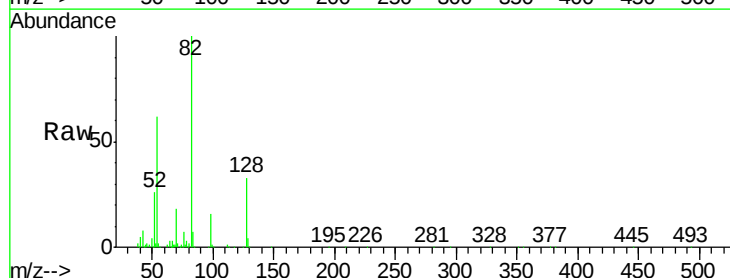
Instrument :
BNA_G
ClientSampleId :
HSR-WC-68-083016

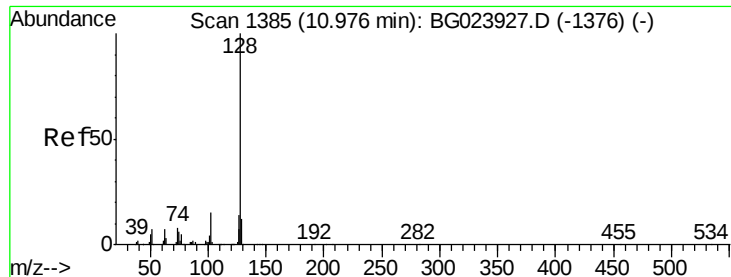
Tgt Ion:	136	Resp:	109361
Ion	Ratio	Lower	Upper
136	100		
137	8.3	9.6	14.4#
54	8.6	7.3	10.9
68	4.1	5.3	7.9#



#23
Nitrobenzene-d5
Concen: 70.80 ng
RT: 9.27 min Scan# 1094
Delta R.T. -0.01 min
Lab File: BG023941.D
Acq: 1 Sep 2016 20:27

Tgt Ion:	82	Resp:	173427
Ion	Ratio	Lower	Upper
82	100		
128	33.2	24.4	36.6
54	61.7	41.4	62.0





#31

Naphthalene

Concen: 3.19 ng

RT: 10.97 min Scan# 1385

Delta R.T. -0.00 min

Lab File: BG023941.D

Acq: 1 Sep 2016 20:27

Instrument :

BNA_G

ClientSampleId :

HSR-WC-68-083016

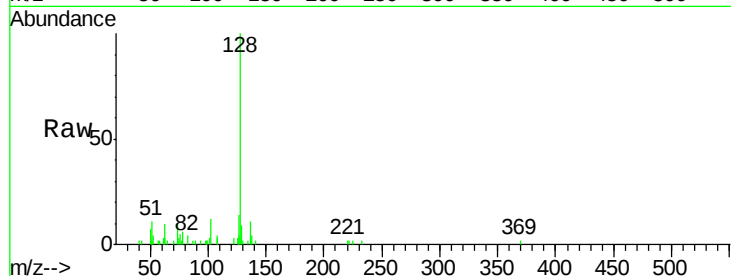
Tgt Ion:128 Resp: 17964

Ion Ratio Lower Upper

128 100

129 9.4 9.4 14.0

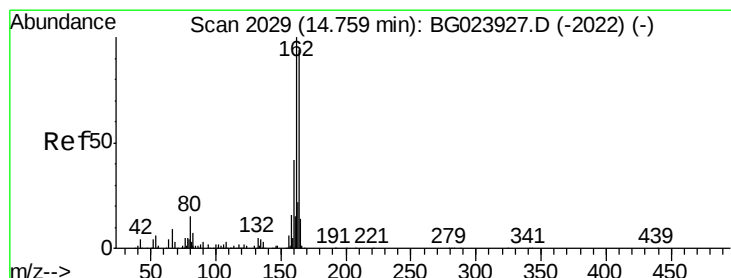
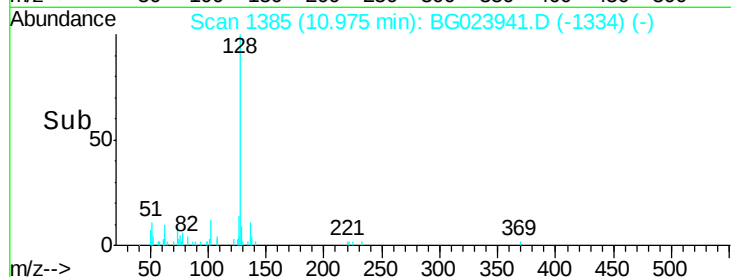
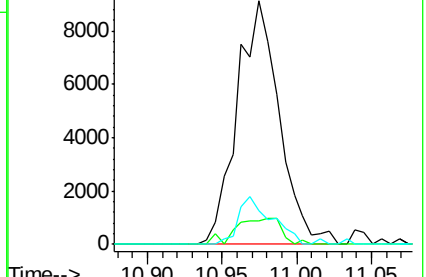
127 13.9 11.3 16.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.76 min Scan# 2029

Delta R.T. -0.00 min

Lab File: BG023941.D

Acq: 1 Sep 2016 20:27

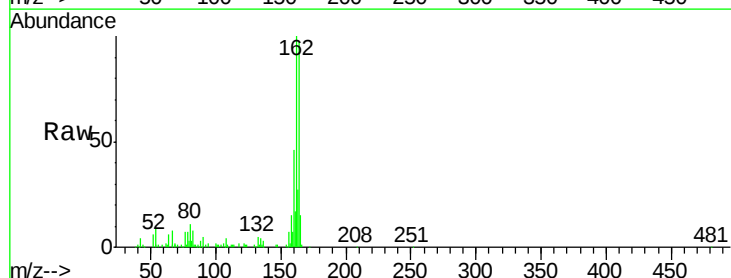
Tgt Ion:164 Resp: 86373

Ion Ratio Lower Upper

164 100

162 102.8 87.7 131.5

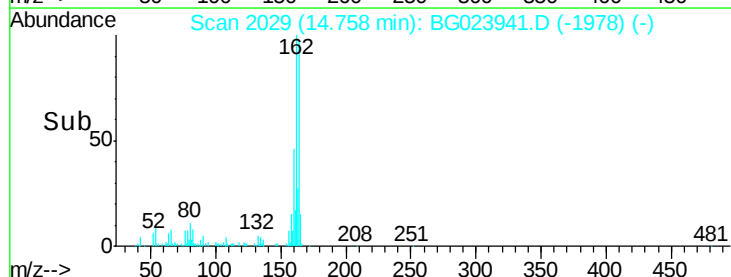
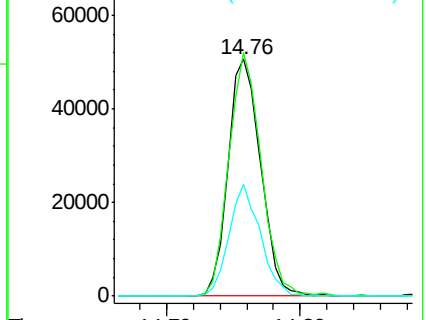
160 47.4 37.2 55.8

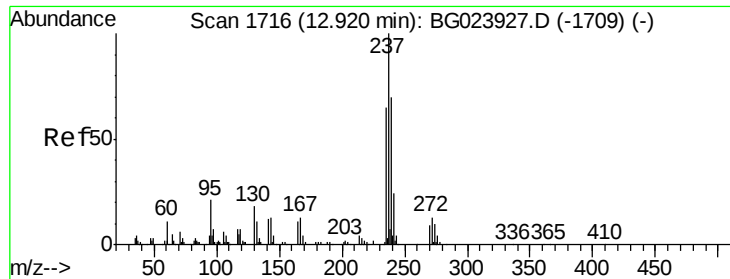


Abundance Ion 164.00 (163.70 to 164.70): E

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: 13.07 min Scan# 1742

Delta R.T. 0.15 min

Lab File: BG023941.D

Acq: 1 Sep 2016 20:27

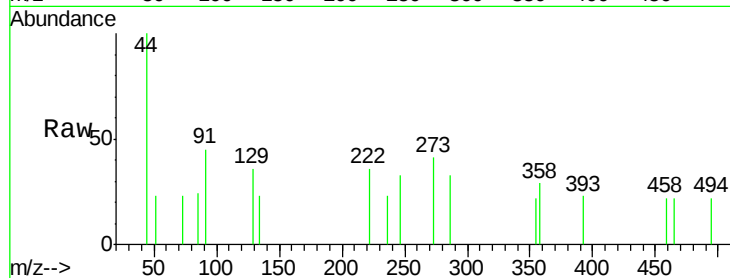
Instrument :

BNA_G

ClientSampleId :

HSR-WC-68-083016

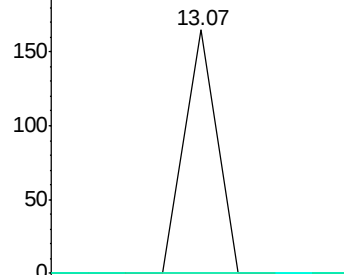
Tgt Ion:	237	Resp:	58
Ion Ratio	Lower	Upper	
237	100		
235	0.0	43.1	83.1#
272	0.0	0.0	30.9



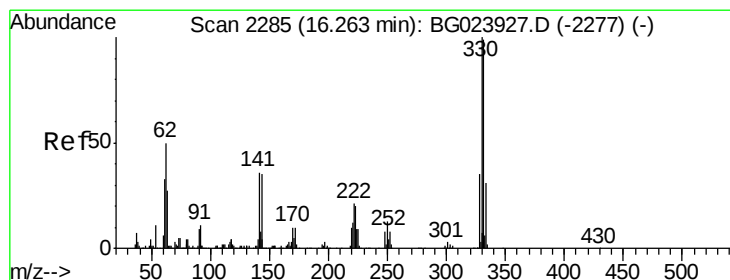
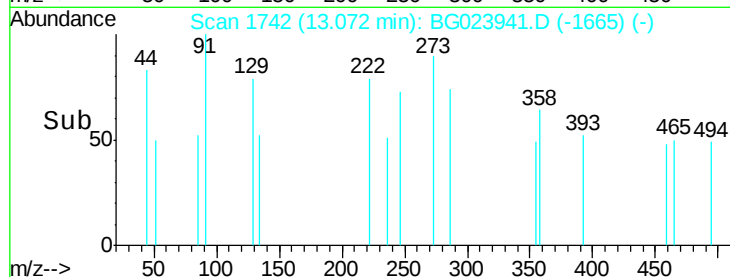
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->



#41

2,4,6-Tribromophenol

Concen: 135.63 ng

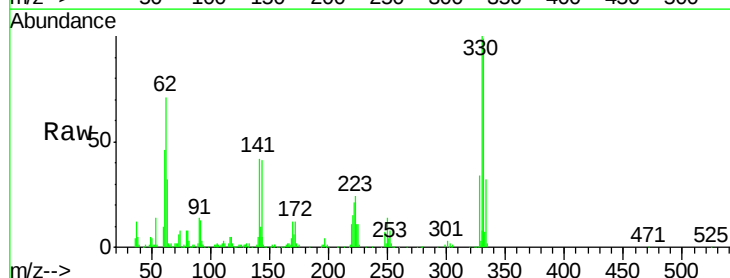
RT: 16.26 min Scan# 2284

Delta R.T. -0.01 min

Lab File: BG023941.D

Acq: 1 Sep 2016 20:27

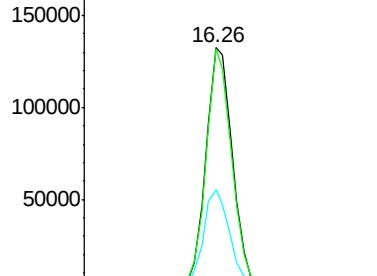
Tgt Ion:	330	Resp:	211057
Ion Ratio	Lower	Upper	
330	100		
332	97.3	77.4	116.2
141	41.8	31.7	47.5



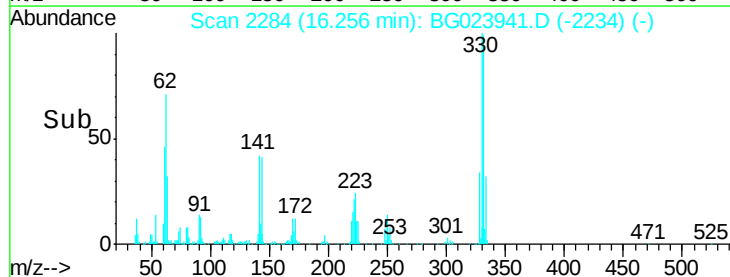
Abundance Ion 329.80 (329.50 to 330.50): E

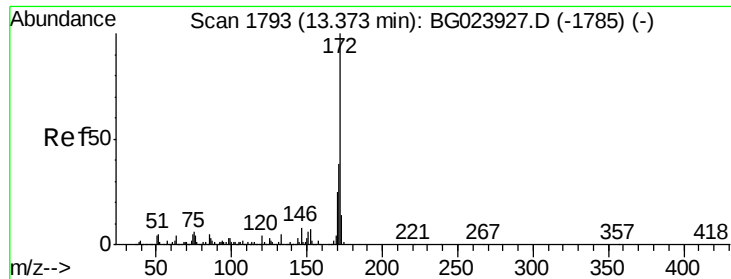
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



Time-->

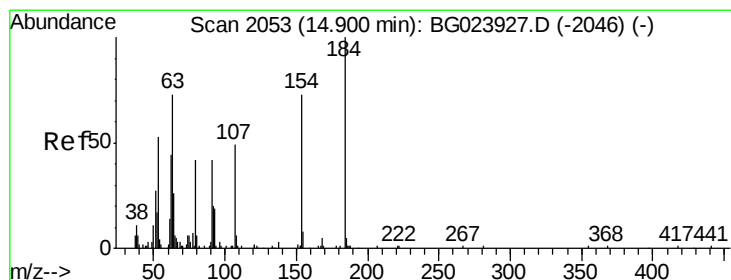
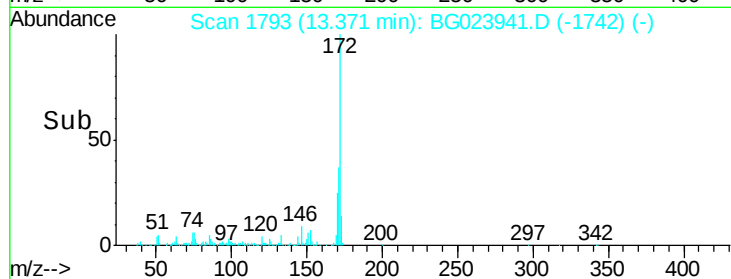
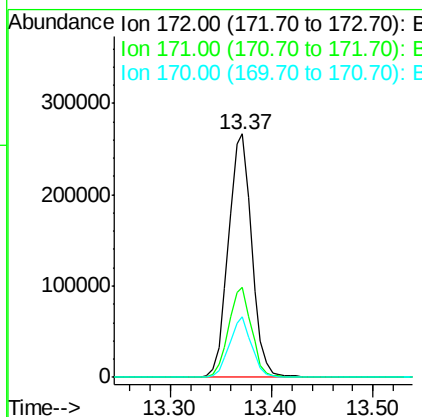
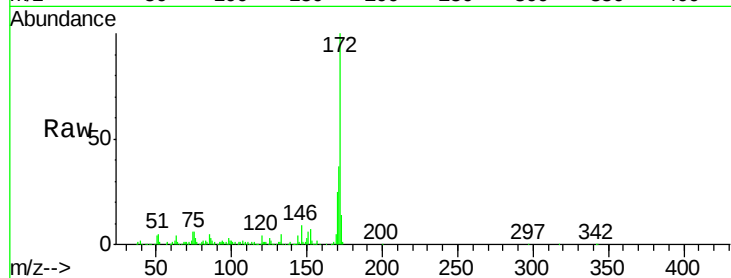




#44
2-Fluorobiphenyl
Concen: 70.70 ng
RT: 13.37 min Scan# 1793
Delta R.T. -0.00 min
Lab File: BG023941.D
Acq: 1 Sep 2016 20:27

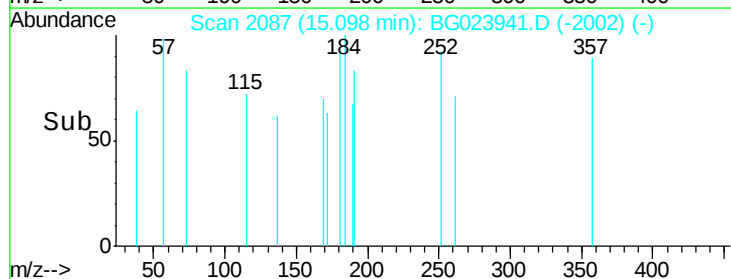
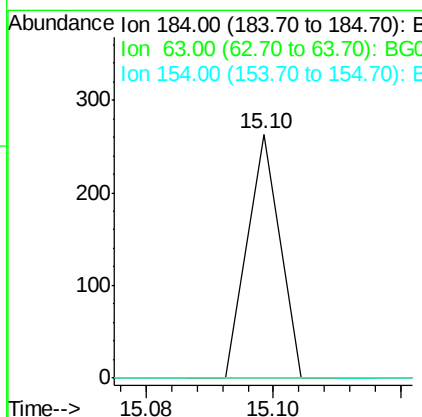
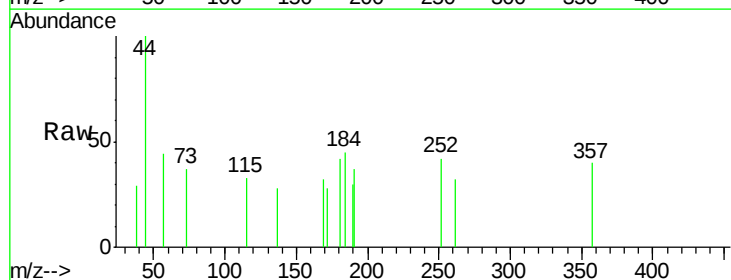
Instrument :
BNA_G
ClientSampleId :
HSR-WC-68-083016

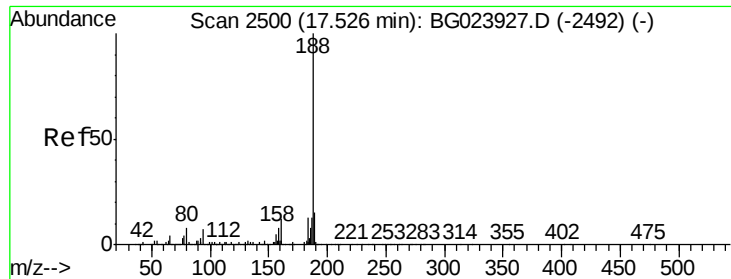
Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	31.6	47.4
170	24.7	21.3	31.9



#53
2,4-Dinitrophenol
Concen: 6.59 ng
RT: 15.10 min Scan# 2087
Delta R.T. 0.20 min
Lab File: BG023941.D
Acq: 1 Sep 2016 20:27

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

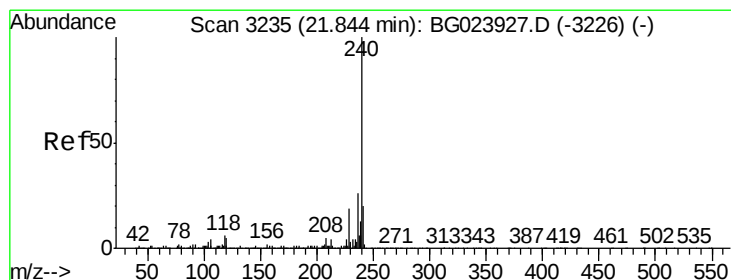
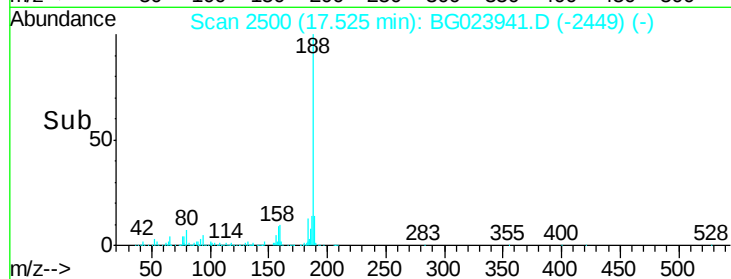
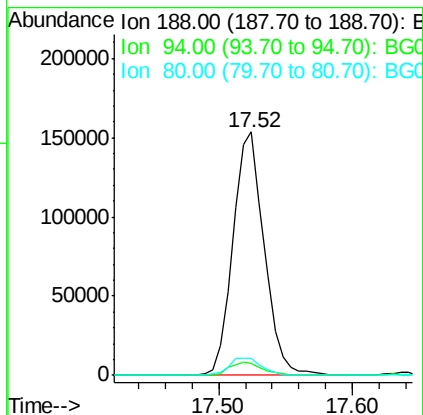
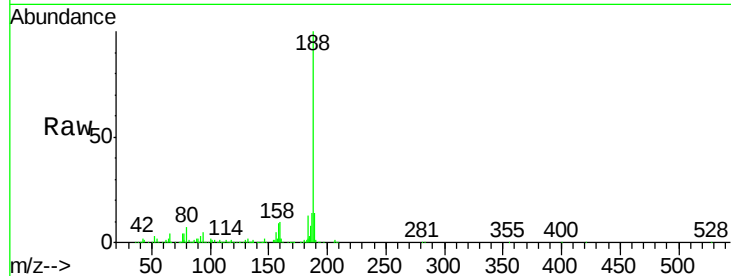




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.52 min Scan# 2500
Delta R.T. -0.00 min
Lab File: BG023941.D
Acq: 1 Sep 2016 20:27

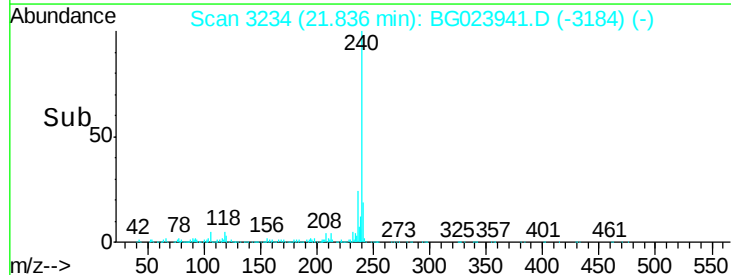
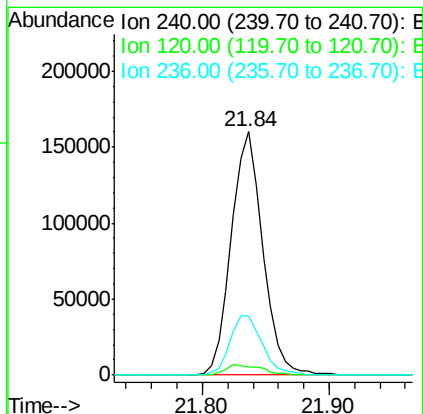
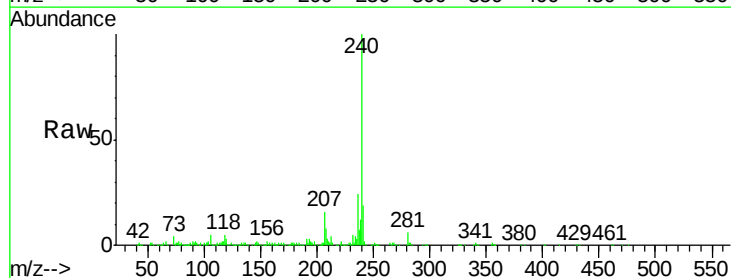
Instrument :
BNA_G
ClientSampleId :
HSR-WC-68-083016

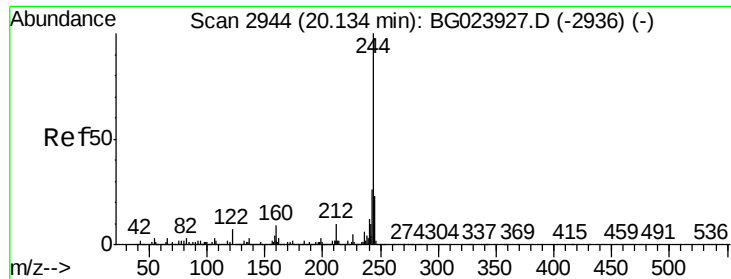
Tgt Ion:188 Resp: 249122
Ion Ratio Lower Upper
188 100
94 5.0 5.2 7.8#
80 6.8 7.2 10.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.84 min Scan# 3234
Delta R.T. -0.01 min
Lab File: BG023941.D
Acq: 1 Sep 2016 20:27

Tgt Ion:240 Resp: 276102
Ion Ratio Lower Upper
240 100
120 3.3 4.1 6.1#
236 24.2 21.1 31.7





#78

Terphenyl-d14

Concen: 99.21 ng

RT: 20.13 min Scan# 2943

Delta R.T. -0.01 min

Lab File: BG023941.D

Acq: 1 Sep 2016 20:27

Instrument :

BNA_G

ClientSampleId :

HSR-WC-68-083016

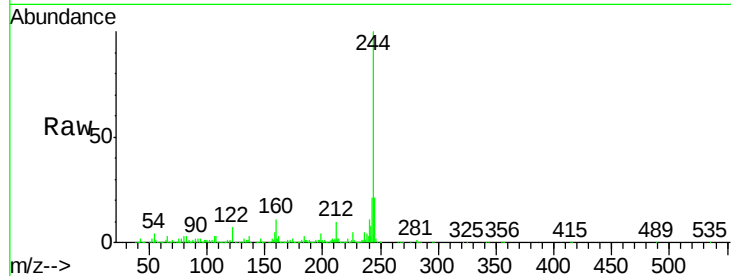
Tgt Ion:244 Resp: 1202749

Ion Ratio Lower Upper

244 100

212 9.8 10.8 16.2#

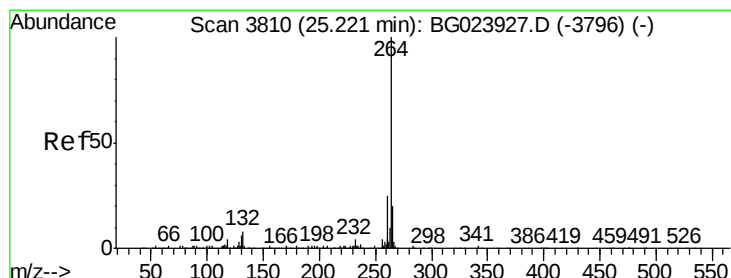
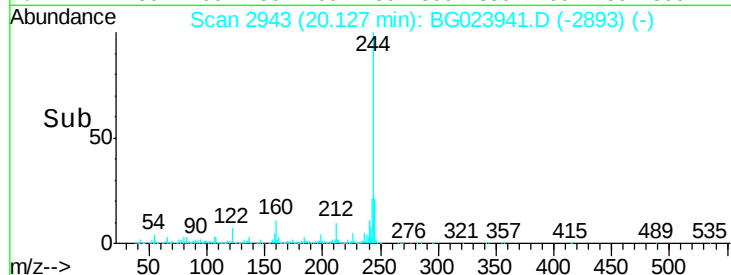
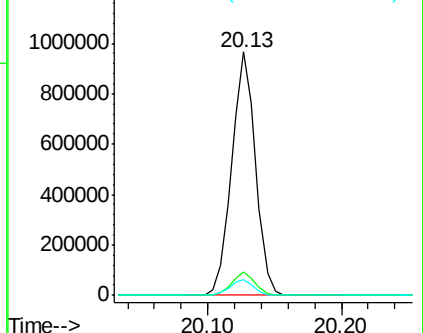
122 6.7 8.0 12.0#



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.21 min Scan# 3808

Delta R.T. -0.01 min

Lab File: BG023941.D

Acq: 1 Sep 2016 20:27

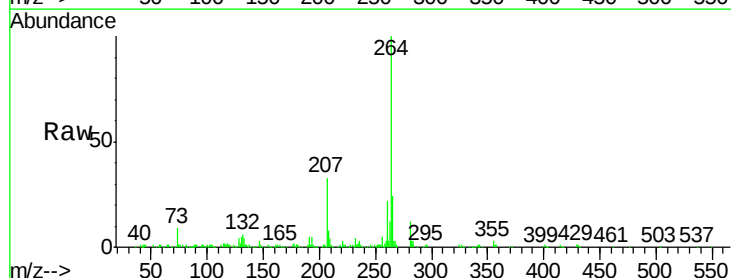
Tgt Ion:264 Resp: 278439

Ion Ratio Lower Upper

264 100

260 21.8 18.4 27.6

265 24.4 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

