

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071016\
 Data File : BG022985.D
 Acq On : 10 Jul 2016 4:49
 Operator : UM/SJ
 Sample : H3915-19
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 07-B1-0-11-C

Manual Integrations

APPROVED
 SOHIL
 7/11/2016 6:47:03 AM

Quant Time: Jul 11 05:43:01 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 07 16:51:07 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	91143	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	414869	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	349054	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	838007	20.00	ng	0.00
75) Chrysene-d12	21.84	240	908966	20.00	ng	0.00
86) Perylene-d12	25.20	264	889326	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	893296	160.30	ng	0.00
7) Phenol-d6	7.31	99	1407359	161.24	ng	0.00
23) Nitrobenzene-d5	9.32	82	997933	103.00	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	804209	128.19	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2083036	94.00	ng	0.00
78) Terphenyl-d14	20.16	244	2939739	120.50	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	10.20	122	19600m	3.09	ng	
49) Dimethylphthalate	14.24	163	476584	16.71	ng	98

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

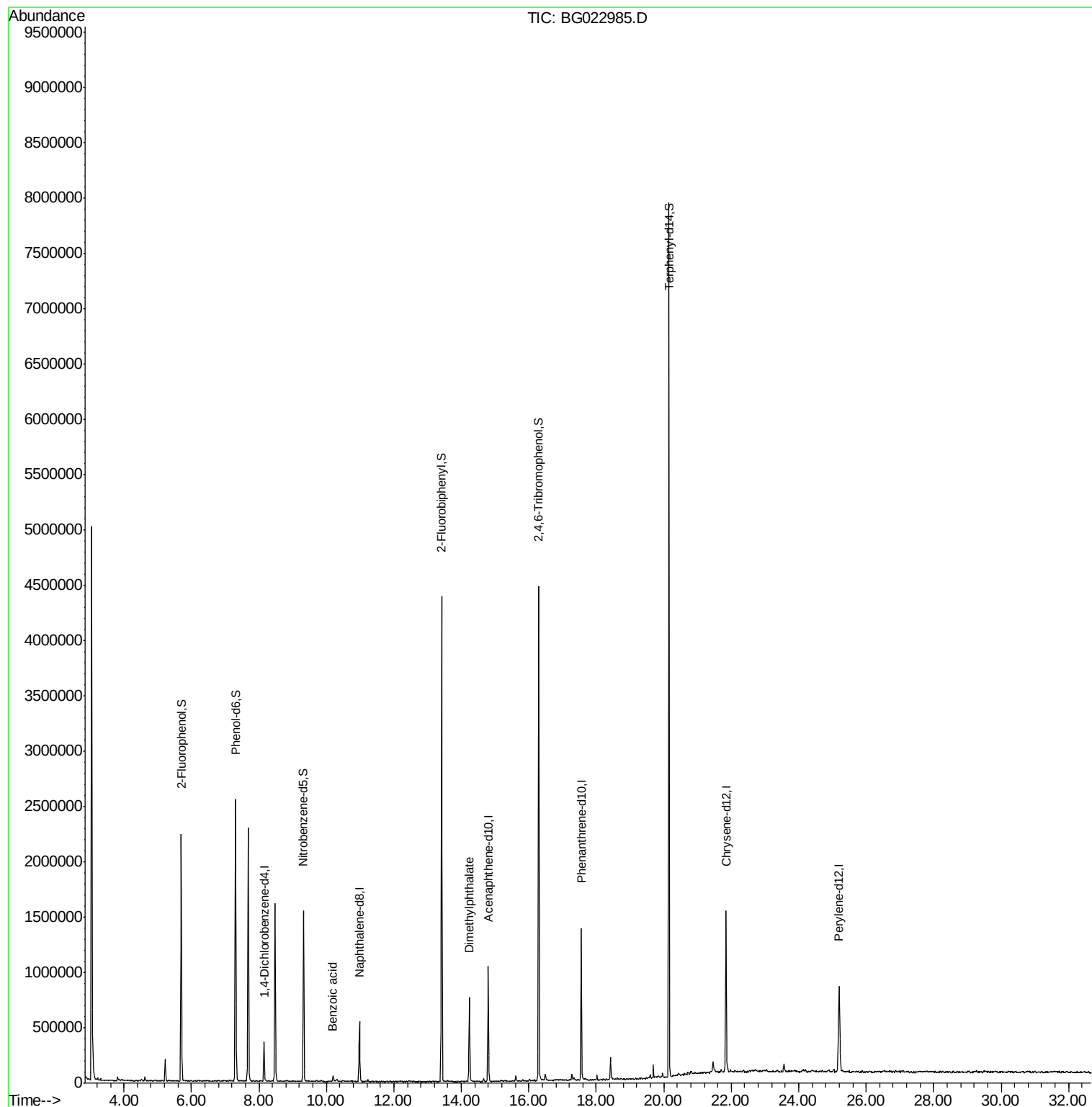
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071016\
Data File : BG022985.D
Acq On : 10 Jul 2016 4:49
Operator : UM/SJ
Sample : H3915-19
Misc :
ALS Vial : 18 Sample Multiplier: 1

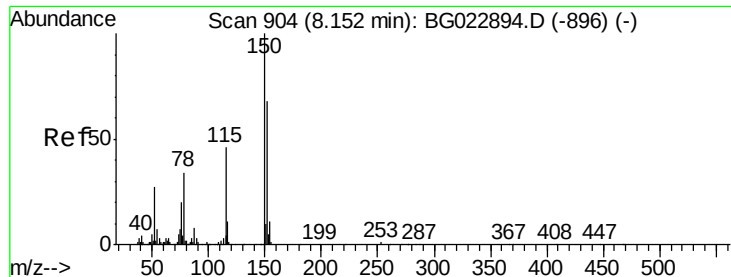
Instrument :
BNA_G
ClientSampleId :
07-B1-0-11-C

Manual Integrations

Quant Time: Jul 11 05:43:01 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 07 16:51:07 2016
Response via : Initial Calibration

APPROVED
SOHIL
7/11/2016 6:47:03 AM





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.15 min Scan# 904

Delta R.T. 0.00 min

Lab File: BG022985.D

Acq: 10 Jul 2016 4:49

Instrument :

BNA_G

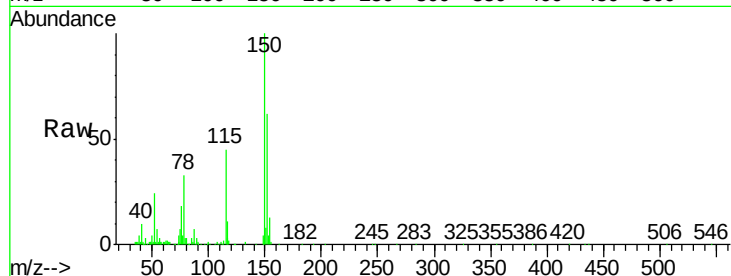
ClientSampleId :

07-B1-0-11-C

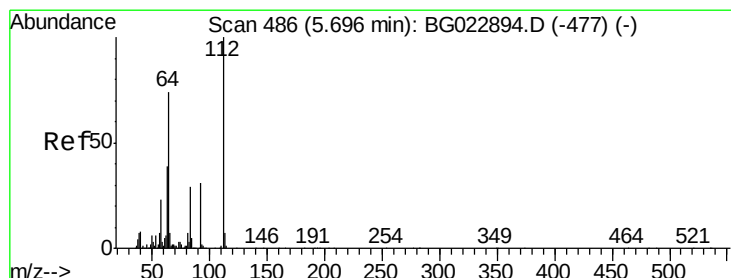
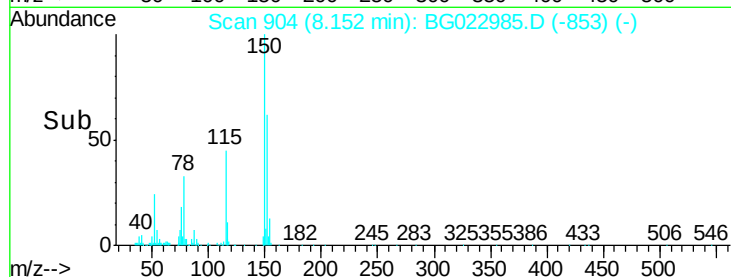
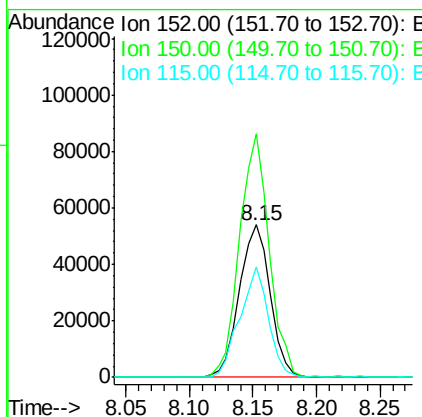
Manual Integrations

SOHIL

7/11/2016 6:47:03 AM



Tgt Ion	Ratio	Lower	Upper
152	100		
150	160.1	144.7	217.1
115	72.4	64.0	96.0



#5

2-Fluorophenol

Concen: 160.30 ng

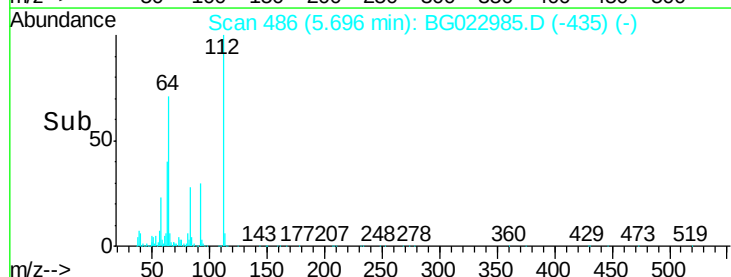
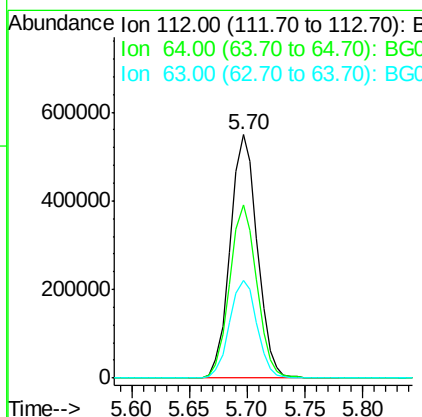
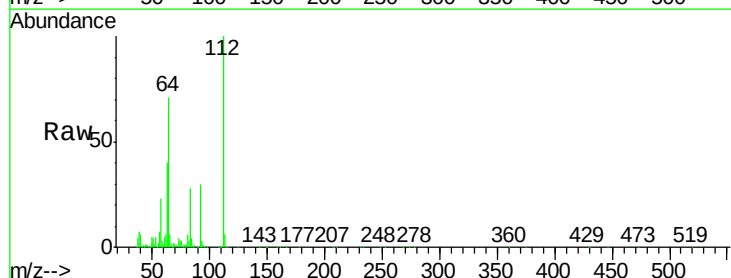
RT: 5.70 min Scan# 486

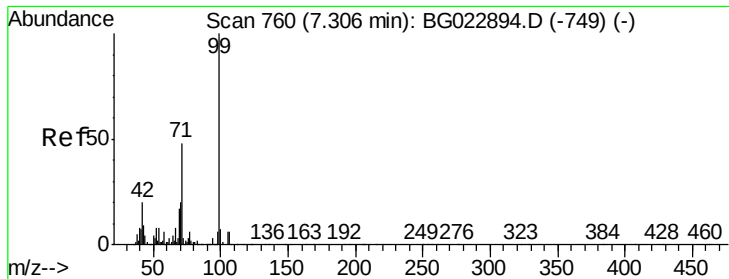
Delta R.T. 0.00 min

Lab File: BG022985.D

Acq: 10 Jul 2016 4:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.3	59.0	88.4
63	39.9	37.8	56.8





#7

Phenol-d6

Concen: 161.24 ng

RT: 7.31 min Scan# 760

Delta R.T. 0.00 min

Lab File: BG022985.D

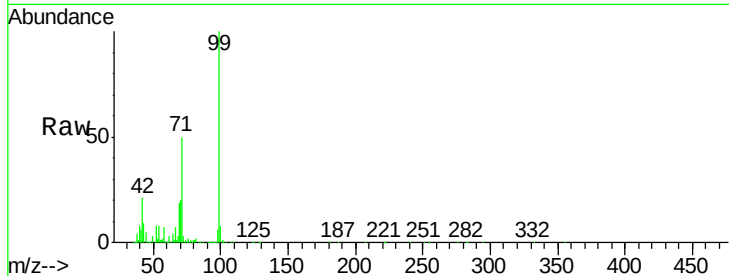
Acq: 10 Jul 2016 4:49

Instrument :

BNA_G

ClientSampleId :

07-B1-0-11-C



Tgt Ion: 99 Resp: 1407359

Ion Ratio Lower Upper

99 100

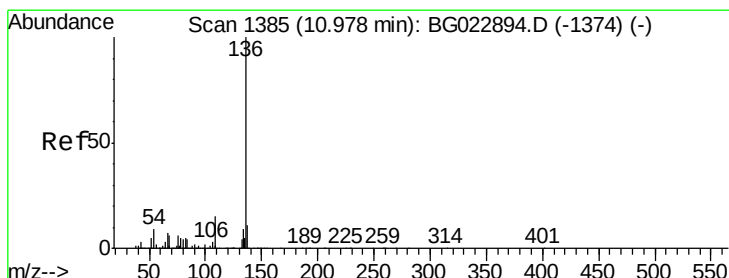
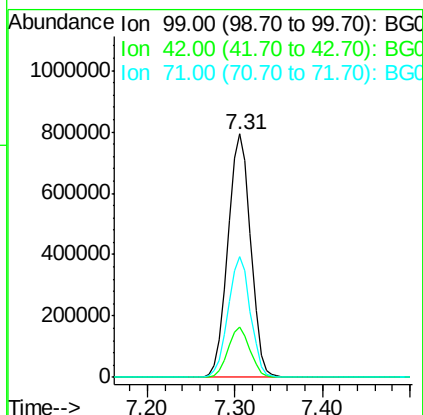
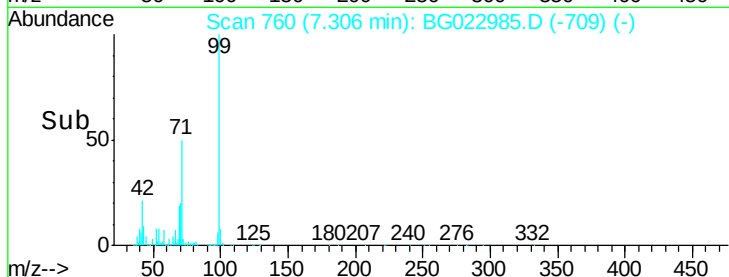
42 20.9 17.8 26.6

71 49.8 41.5 62.3

Manual Integrations

SOHIL

7/11/2016 6:47:03 AM



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.98 min Scan# 1385

Delta R.T. 0.00 min

Lab File: BG022985.D

Acq: 10 Jul 2016 4:49

Tgt Ion: 136 Resp: 414869

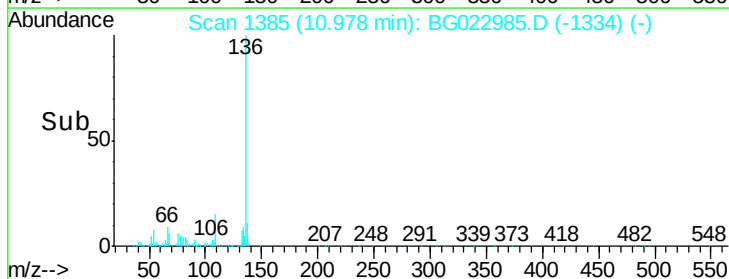
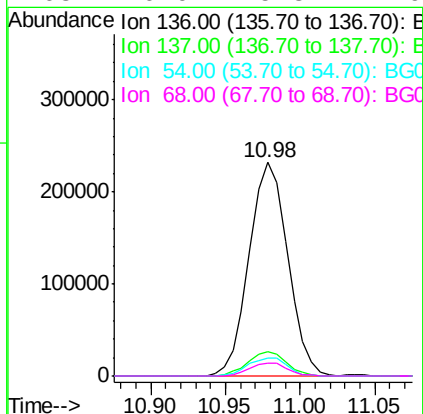
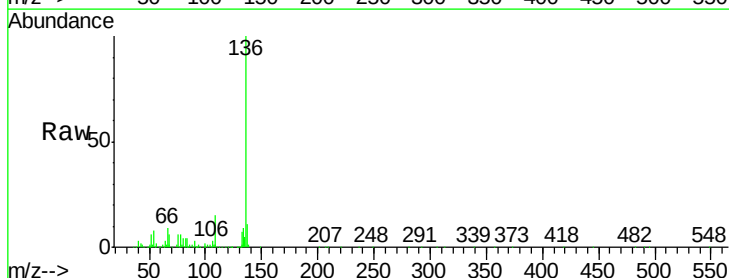
Ion Ratio Lower Upper

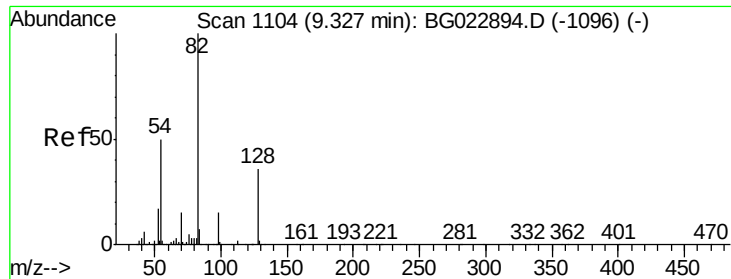
136 100

137 11.4 9.6 14.4

54 8.4 7.3 10.9

68 6.0 5.3 7.9





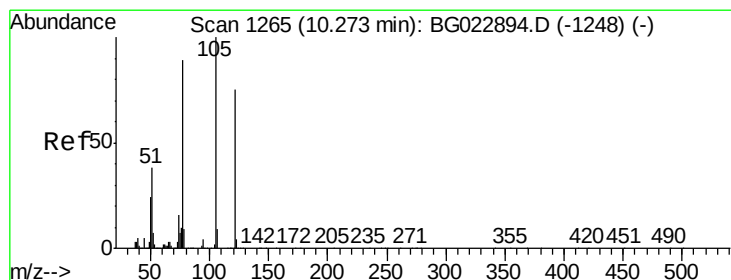
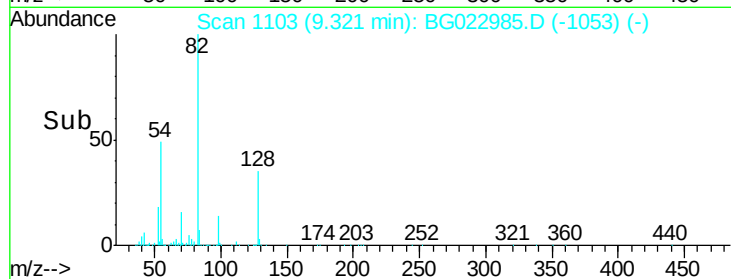
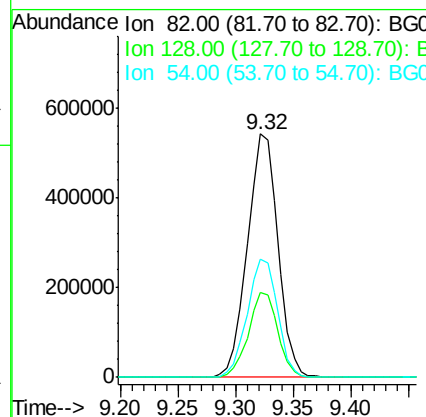
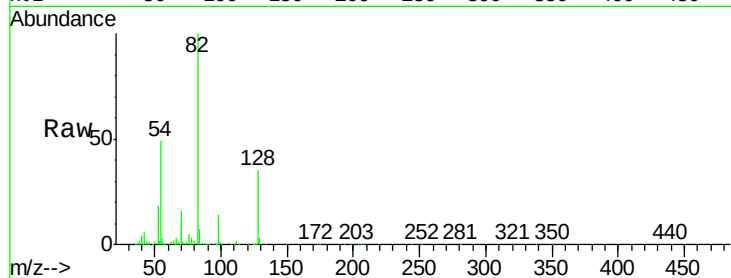
#23
 Nitrobenzene-d5
 Concen: 103.00 ng
 RT: 9.32 min Scan# 1103
 Delta R.T. -0.01 min
 Lab File: BG022985.D
 Acq: 10 Jul 2016 4:49

Instrument :
 BNA_G
 ClientSampleId :
 07-B1-0-11-C

Tgt Ion	Ratio	Lower	Upper
82	100		
128	34.6	24.4	36.6
54	48.6	41.4	62.0

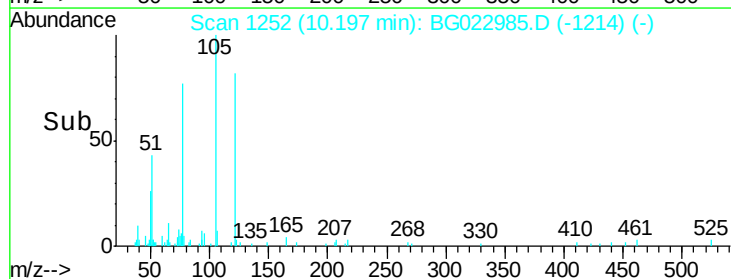
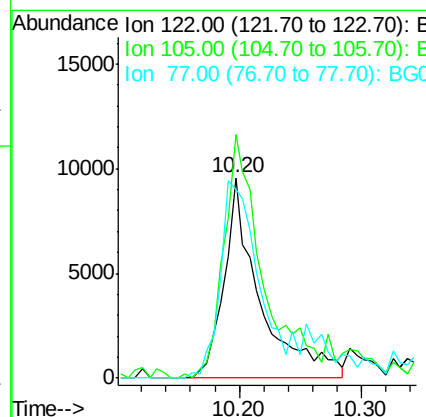
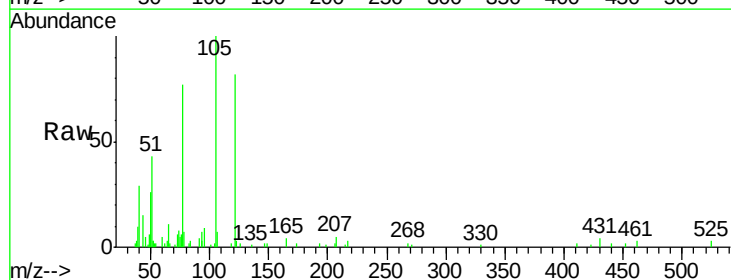
Manual Integrations

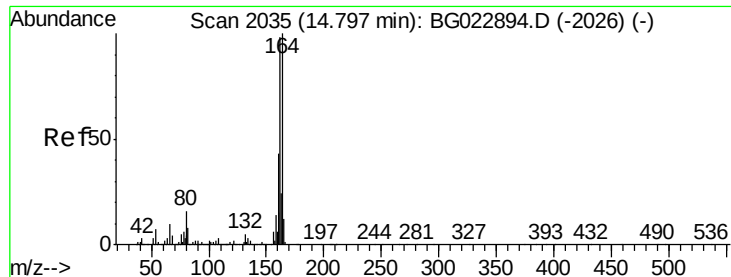
SOHIL
 7/11/2016 6:47:03 AM



#32
 Benzoic acid
 Concen: 3.09 ng m
 RT: 10.20 min Scan# 1252
 Delta R.T. -0.08 min
 Lab File: BG022985.D
 Acq: 10 Jul 2016 4:49

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.5	117.2	157.2
77	93.9	109.2	149.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 2035

Delta R.T. 0.00 min

Lab File: BG022985.D

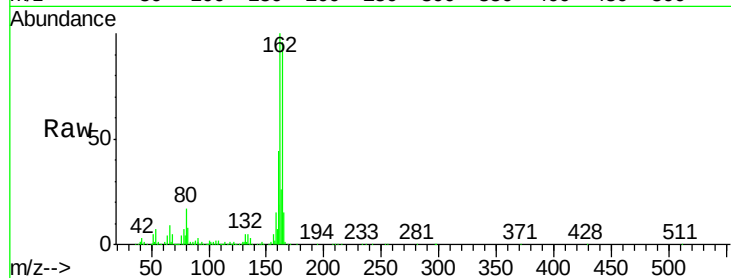
Acq: 10 Jul 2016 4:49

Instrument :

BNA_G

ClientSampleId :

07-B1-0-11-C

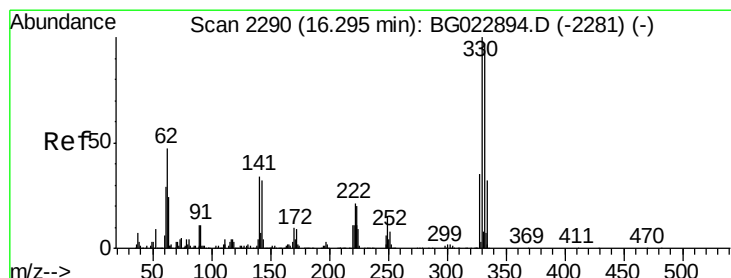
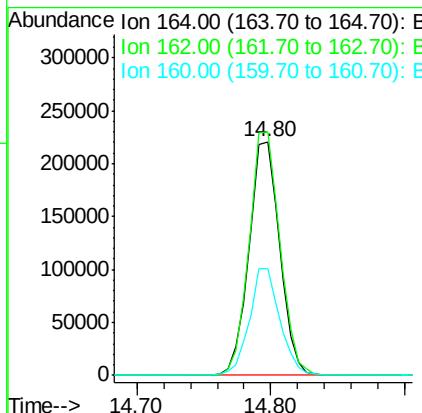
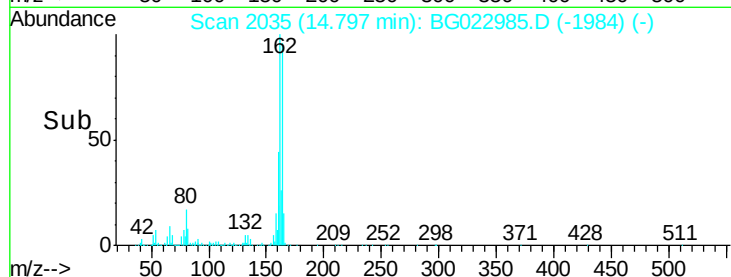


Tgt Ion:	164	Resp:	349054
Ion Ratio	Lower	Upper	
164	100		
162	104.2	87.7	131.5
160	45.5	37.2	55.8

Manual Integrations

SOHIL

7/11/2016 6:47:03 AM



#41

2,4,6-Tribromophenol

Concen: 128.19 ng

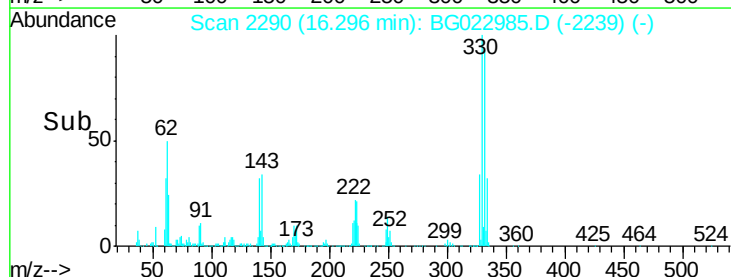
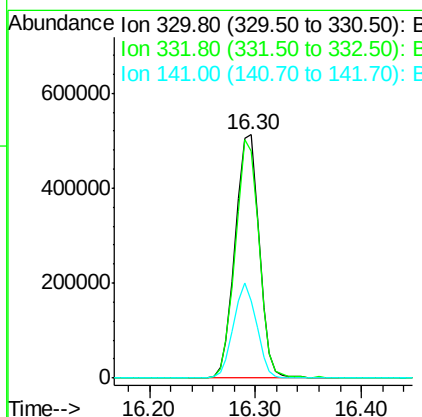
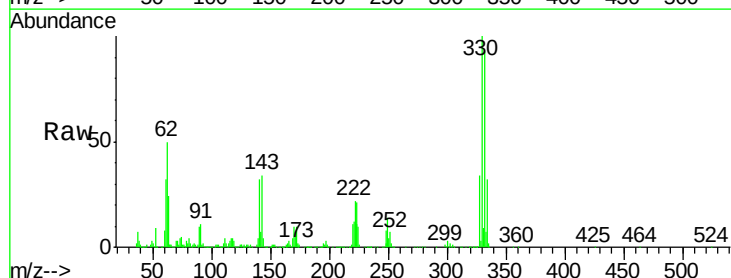
RT: 16.30 min Scan# 2290

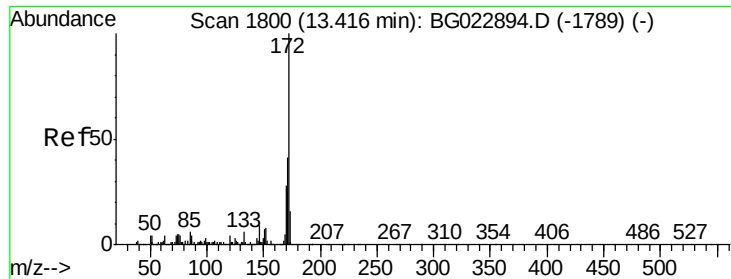
Delta R.T. 0.00 min

Lab File: BG022985.D

Acq: 10 Jul 2016 4:49

Tgt Ion:	330	Resp:	804209
Ion Ratio	Lower	Upper	
330	100		
332	96.1	77.4	116.2
141	37.3	31.7	47.5





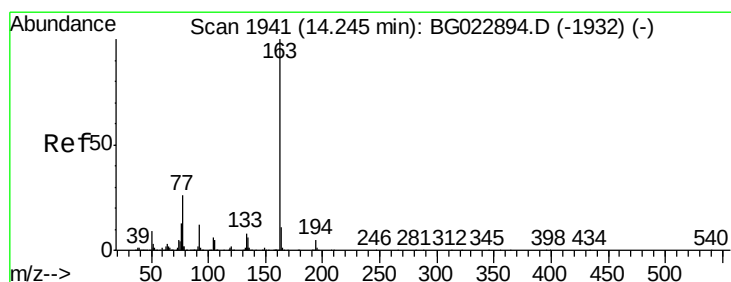
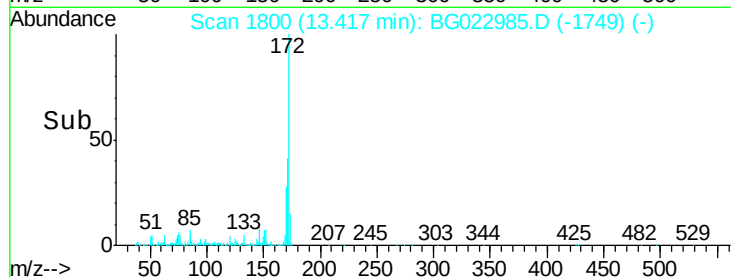
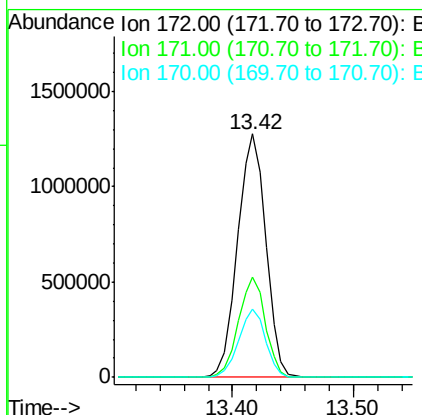
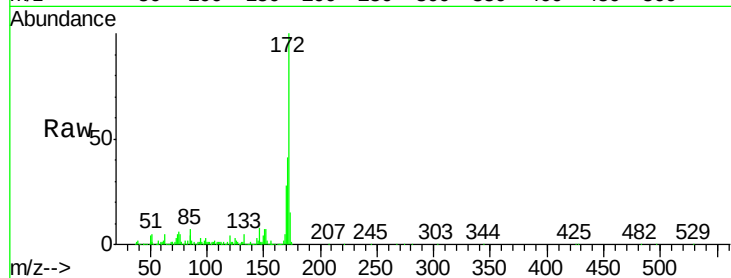
#44
2-Fluorobiphenyl
Concen: 94.00 ng
RT: 13.42 min Scan# 1800
Delta R.T. 0.00 min
Lab File: BG022985.D
Acq: 10 Jul 2016 4:49

Instrument :
BNA_G
ClientSampleId :
07-B1-0-11-C

Tgt Ion:172 Resp: 2083036
Ion Ratio Lower Upper
172 100
171 41.3 31.6 47.4
170 28.0 21.3 31.9

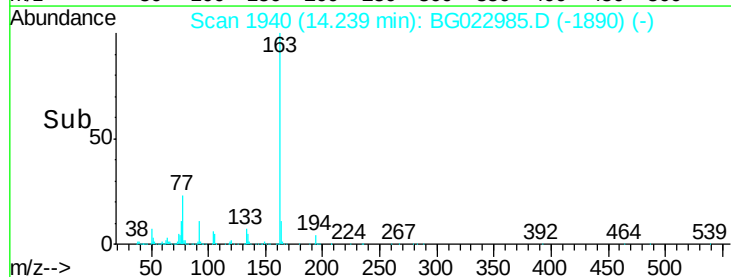
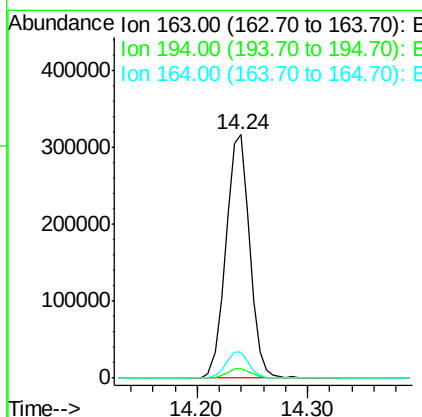
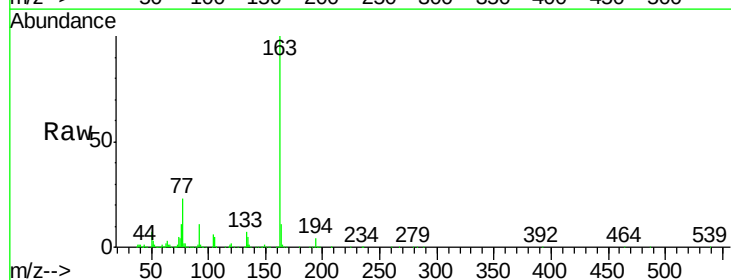
Manual Integrations

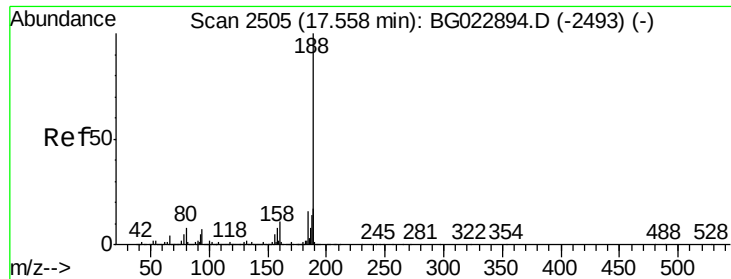
APPROVED
SOHIL
7/11/2016 6:47:03 AM



#49
Dimethylphthalate
Concen: 16.71 ng
RT: 14.24 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG022985.D
Acq: 10 Jul 2016 4:49

Tgt Ion:163 Resp: 476584
Ion Ratio Lower Upper
163 100
194 4.0 3.6 5.4
164 10.7 8.1 12.1





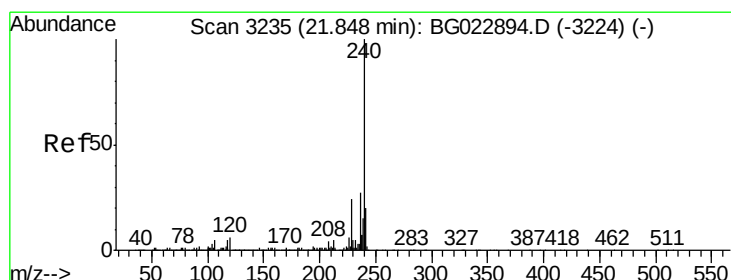
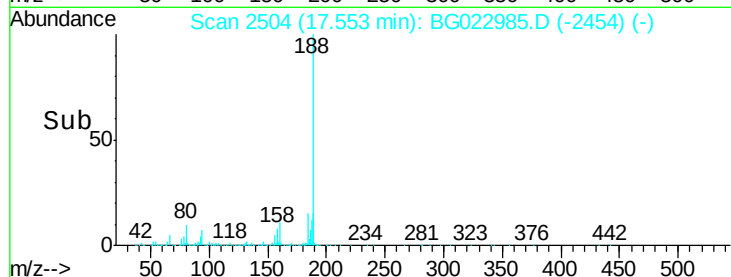
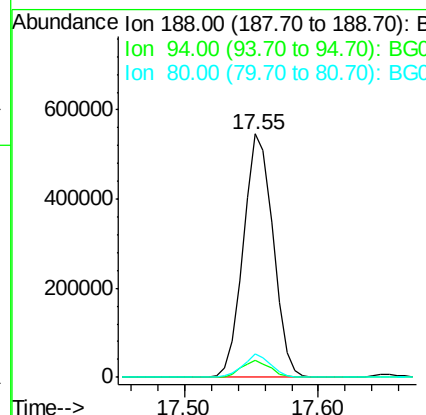
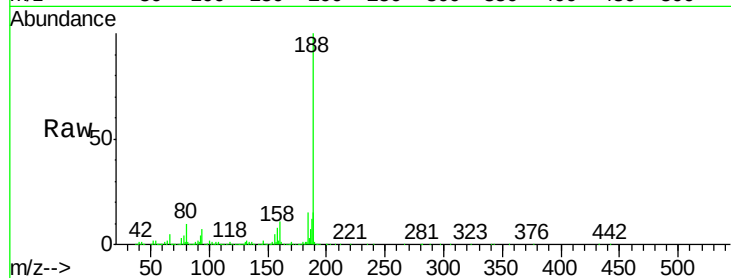
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. -0.01 min
Lab File: BG022985.D
Acq: 10 Jul 2016 4:49

Instrument :
BNA_G
ClientSampleId :
07-B1-0-11-C

Tgt	Ion	Ratio	Resp	Lower	Upper
188	100		838007		
94	7.1	5.2	7.8		
80	9.6	7.2	10.8		

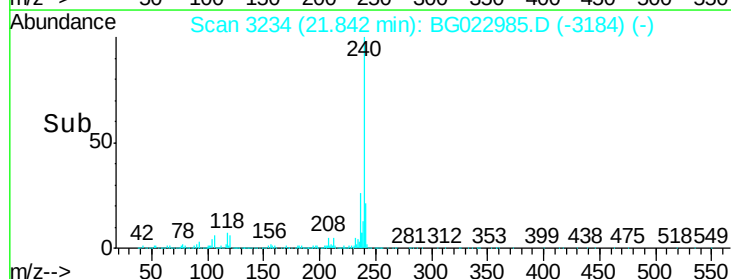
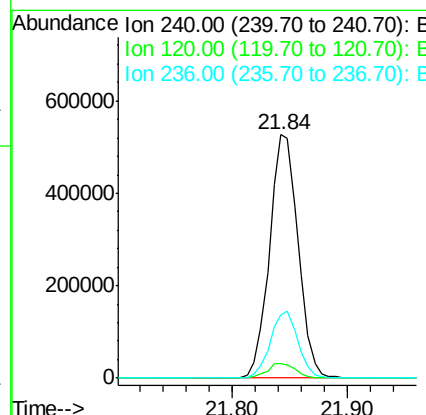
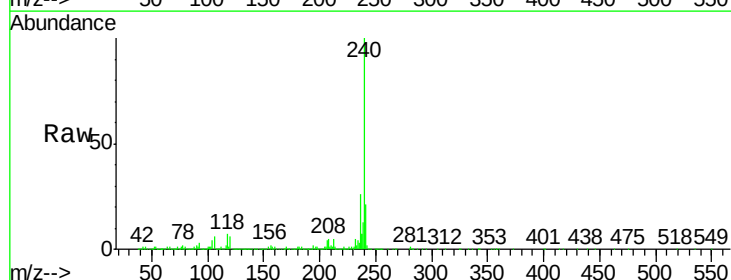
Manual Integrations

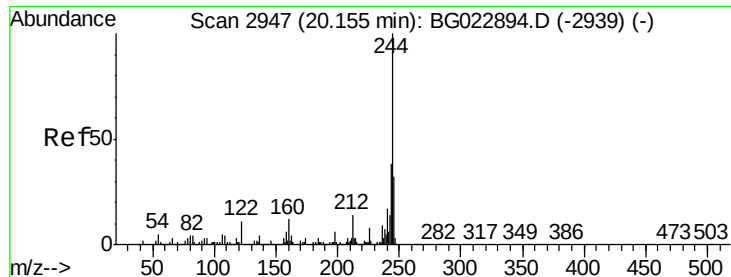
SOHIL
7/11/2016 6:47:03 AM



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.84 min Scan# 3234
Delta R.T. -0.01 min
Lab File: BG022985.D
Acq: 10 Jul 2016 4:49

Tgt	Ion	Ratio	Resp	Lower	Upper
240	100		908966		
120	6.2	4.1	6.1#		
236	26.1	21.1	31.7		





#78

Terphenyl-d14

Concen: 120.50 ng

RT: 20.16 min Scan# 2947

Delta R.T. 0.00 min

Lab File: BG022985.D

Acq: 10 Jul 2016 4:49

Instrument :

BNA_G

ClientSampleId :

07-B1-0-11-C

Tgt Ion:244 Resp: 2939739

Ion Ratio Lower Upper

244 100

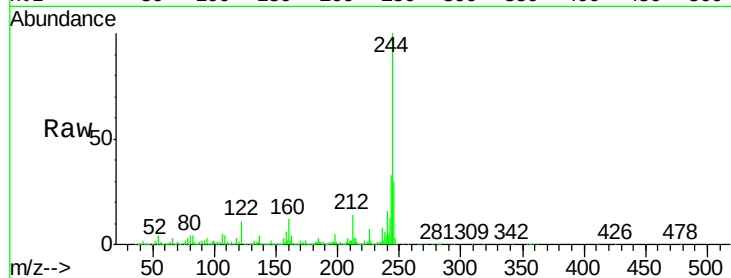
212 13.9 10.8 16.2

122 10.7 8.0 12.0

Manual Integrations

SOHIL

7/11/2016 6:47:03 AM



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

2500000

2000000

1500000

1000000

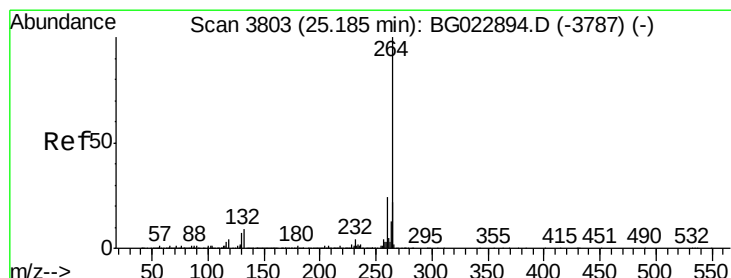
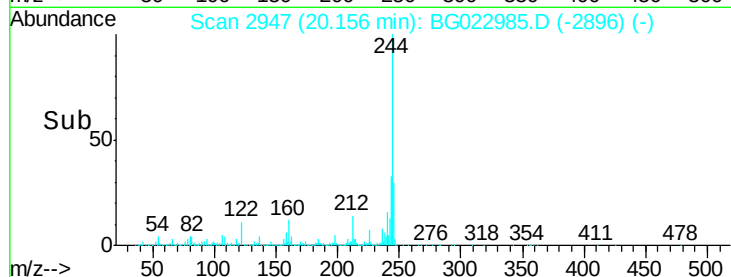
500000

0

20.16

20.10 20.20 20.30

Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.20 min Scan# 3805

Delta R.T. 0.01 min

Lab File: BG022985.D

Acq: 10 Jul 2016 4:49

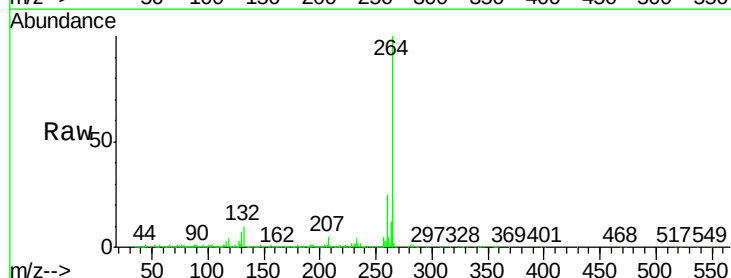
Tgt Ion:264 Resp: 889326

Ion Ratio Lower Upper

264 100

260 25.2 18.4 27.6

265 22.8 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

400000

300000

200000

100000

0

25.20

25.10 25.20 25.30

Time-->

