

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070816\
 Data File : BG022915.D
 Acq On : 8 Jul 2016 4:03
 Operator : UM/SJ
 Sample : H3841-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-3

Manual Integrations

umangi
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Quant Time: Jul 08 05:51:26 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	101847	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	480057	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	393368	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	951855	20.00	ng	0.00
75) Chrysene-d12	21.84	240	1031717	20.00	ng	0.00
86) Perylene-d12	25.19	264	1063566	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	422714	67.88	ng	0.00
7) Phenol-d6	7.30	99	423894	43.46	ng	0.00
23) Nitrobenzene-d5	9.32	82	996752	88.91	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	879358	124.38	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2108249	84.42	ng	0.00
78) Terphenyl-d14	20.16	244	2960754	95.31	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.57	88	19643m	8.12	ng	Qvalue
49) Dimethylphthalate	14.24	163	71384	2.22	ng	96

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

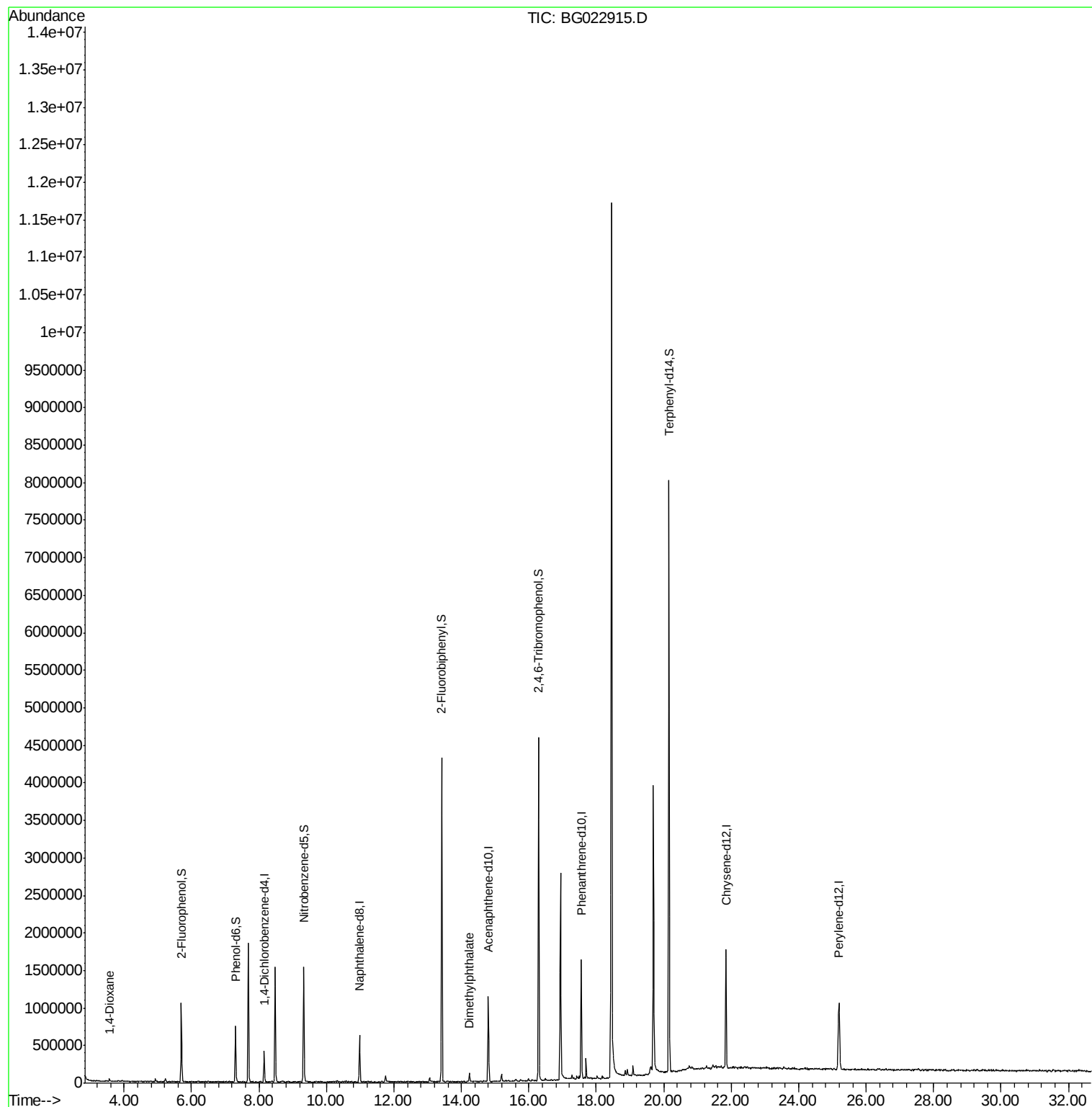
Data Path : Z:\HPCHEM1\BNA G\DATA\BG070816\
Data File : BG022915.D
Acq On : 8 Jul 2016 4:03
Operator : UM/SJ
Sample : H3841-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

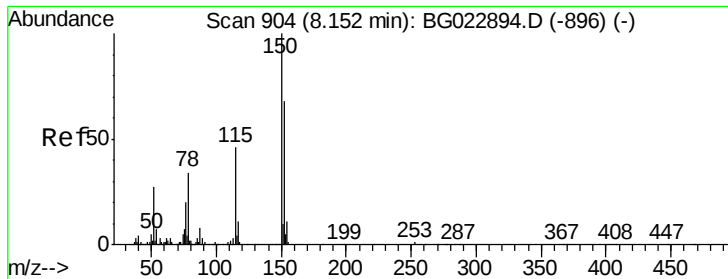
Instrument :
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Manual Integrations

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7/8/2016 7:10:48 PM

Quant Time: Jul 08 05:51:26 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.15 min Scan# 905

Delta R.T. 0.00 min

Lab File: BG022915.D

Acq: 8 Jul 2016 4:03

Instrument :

BNA_G

ClientSampled :

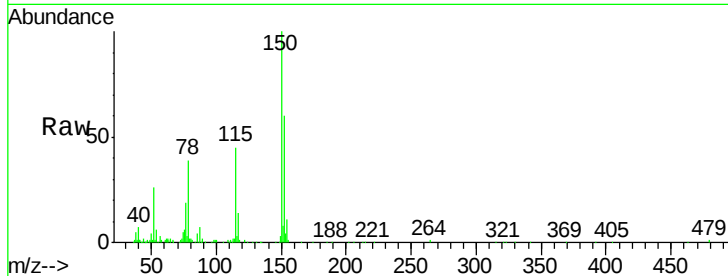
MW-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	166.1	144.7	217.1
115	75.4	64.0	96.0

Manual Integrations

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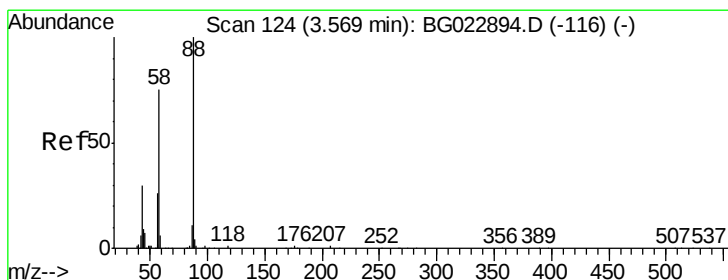
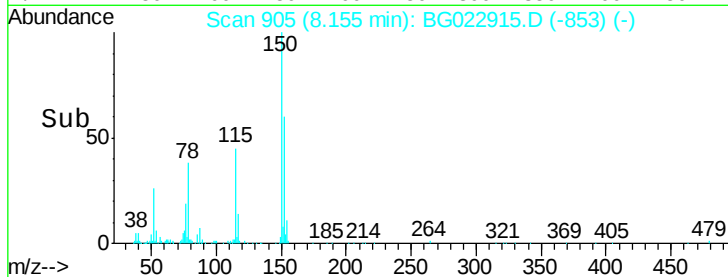
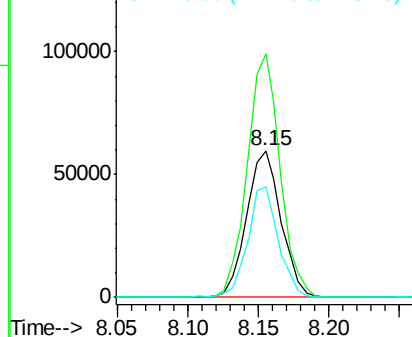


Abundance

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



#2

1,4-Dioxane

Concen: 8.12 ng m

RT: 3.57 min Scan# 124

Delta R.T. -0.00 min

Lab File: BG022915.D

Acq: 8 Jul 2016 4:03

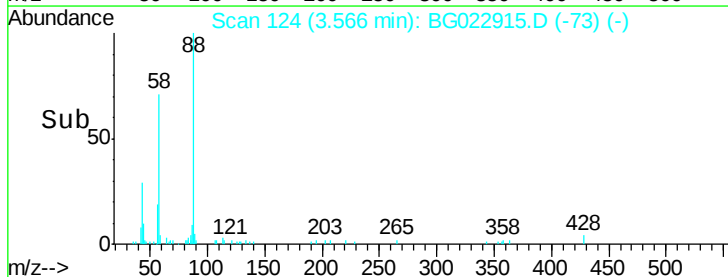
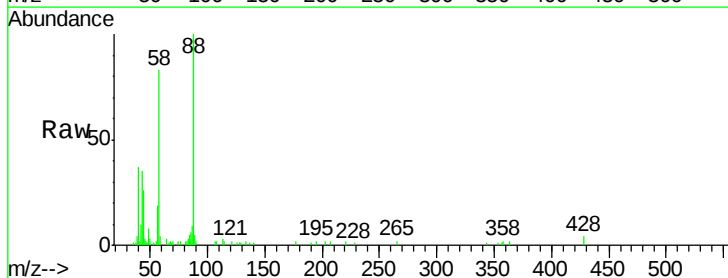
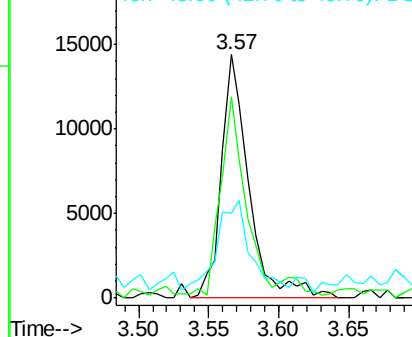
Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.6	60.4	90.6
43	42.4	31.1	46.7

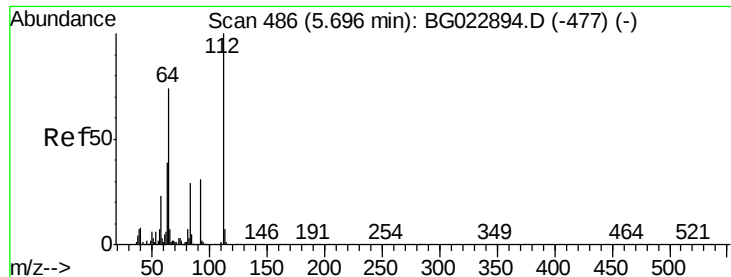
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#5

2-Fluorophenol

Concen: 67.88 ng

RT: 5.70 min Scan# 487

Delta R.T. 0.00 min

Lab File: BG022915.D

Acq: 8 Jul 2016 4:03

Instrument :

BNA_G

ClientSampleId :

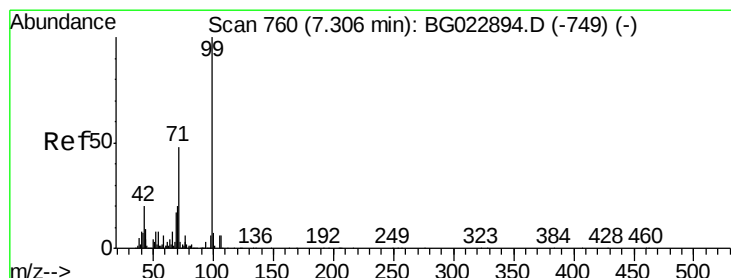
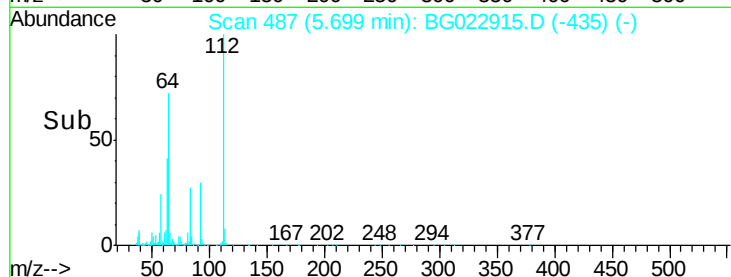
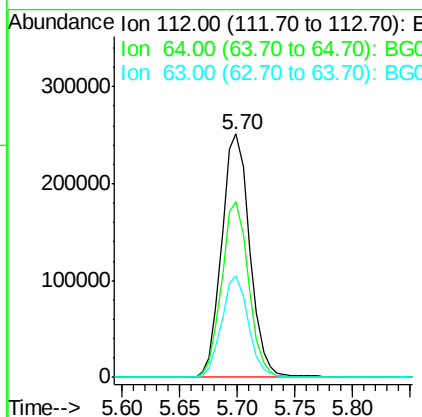
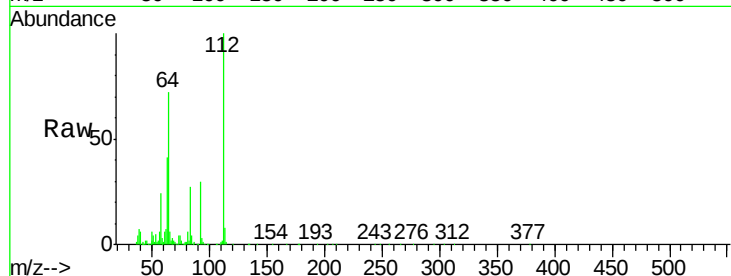
MW-3

Tot Ion:	112	Resp:	422714
Ion Ratio	Lower	Upper	
112	100		
64	72.4	59.0	88.4
63	41.5	37.8	56.8

Manual Integrations

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#7

Phenol-d6

Concen: 43.46 ng

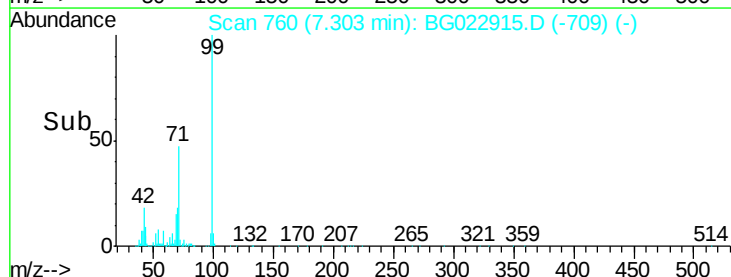
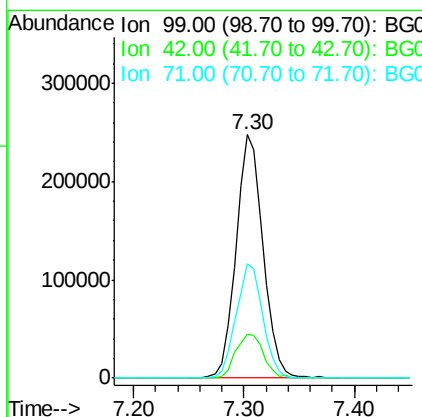
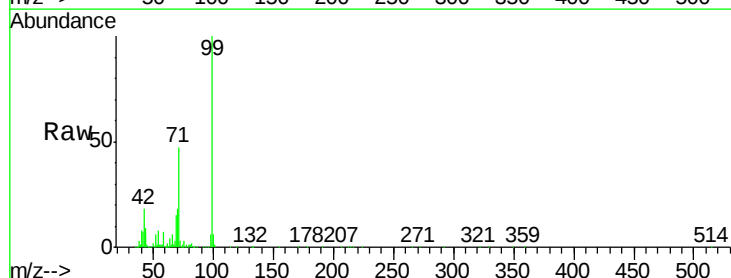
RT: 7.30 min Scan# 760

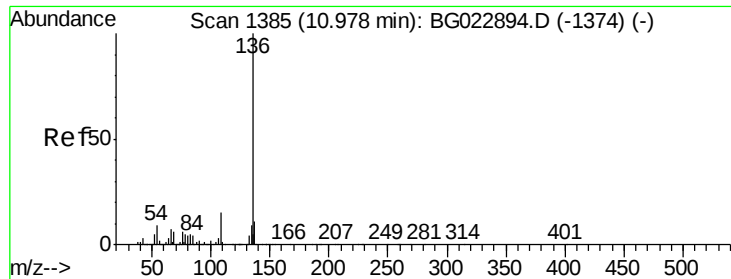
Delta R.T. -0.00 min

Lab File: BG022915.D

Acq: 8 Jul 2016 4:03

Tgt Ion:	99	Resp:	423894
Ion Ratio	Lower	Upper	
99	100		
42	18.1	17.8	26.6
71	46.9	41.5	62.3





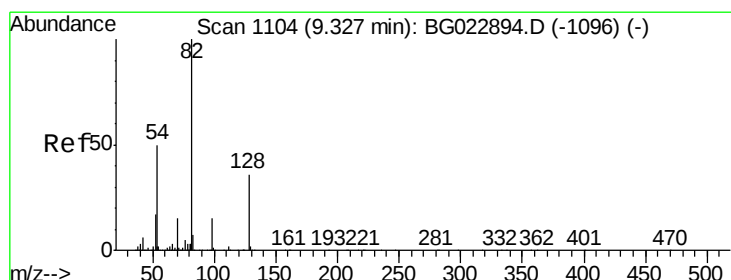
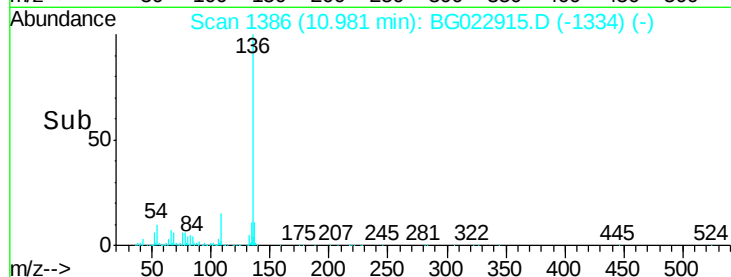
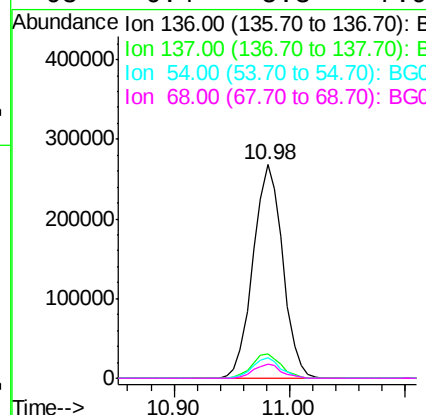
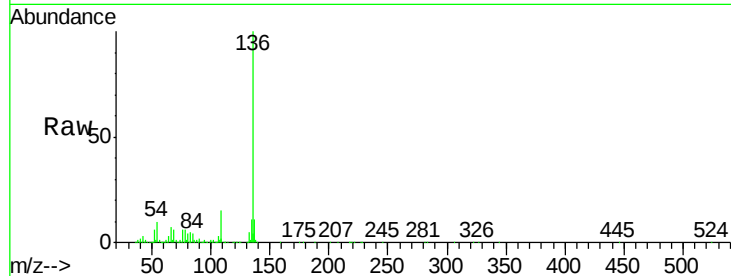
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1386
Delta R.T. 0.00 min
Lab File: BG022915.D
Acq: 8 Jul 2016 4:03

Instrument :
BNA_G
ClientSampleId :
MW-3

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		480057		
137	11.3	9.6	14.4		
54	9.7	7.3	10.9		
68	6.4	5.3	7.9		

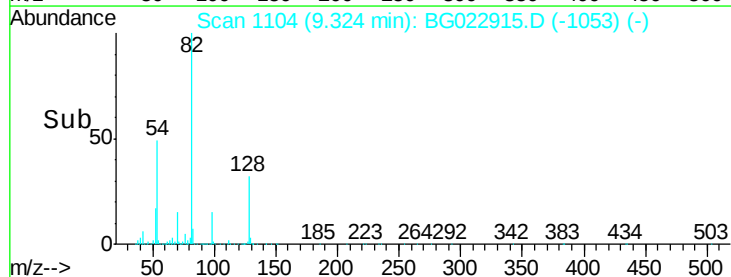
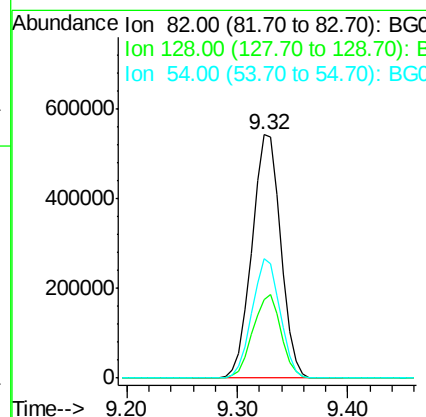
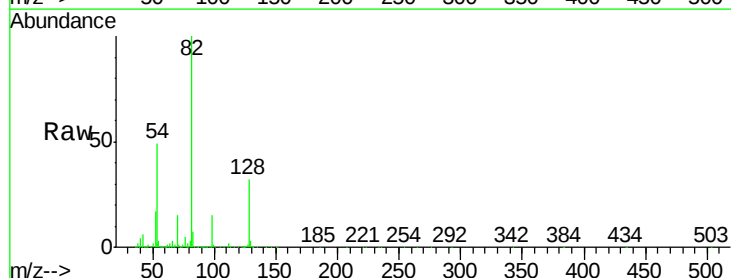
Manual Integrations

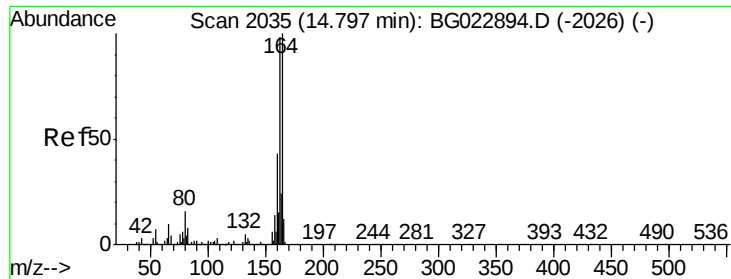
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#23
Nitrobenzene-d5
Concen: 88.91 ng
RT: 9.32 min Scan# 1104
Delta R.T. -0.00 min
Lab File: BG022915.D
Acq: 8 Jul 2016 4:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		996752		
128	32.1	24.4	36.6		
54	48.9	41.4	62.0		





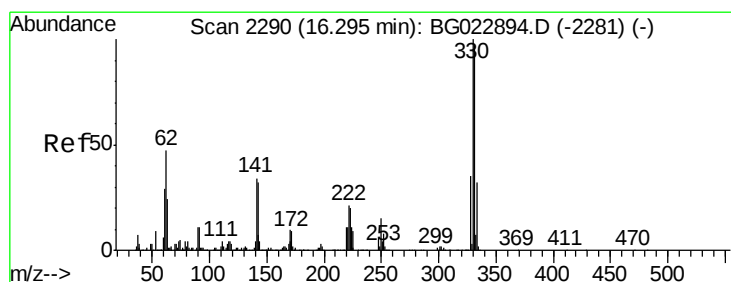
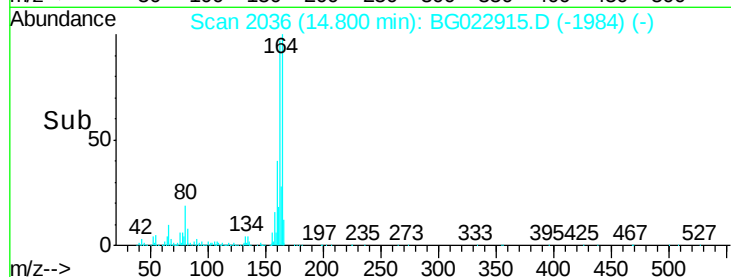
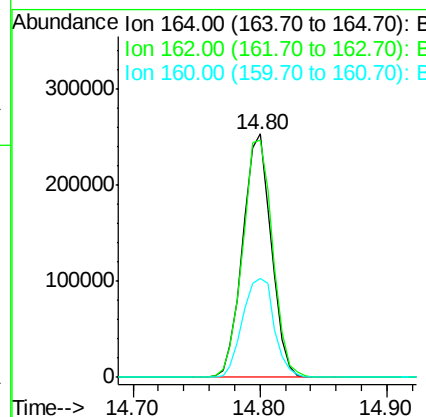
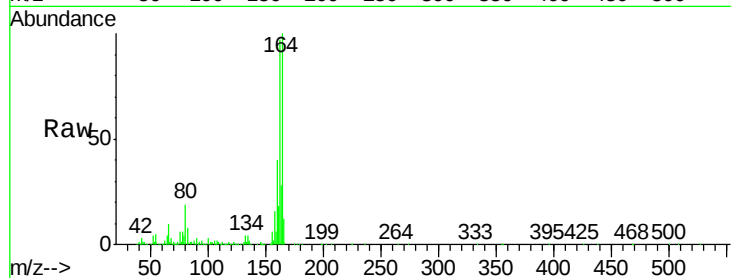
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2036
Delta R.T. 0.00 min
Lab File: BG022915.D
Acq: 8 Jul 2016 4:03

Instrument :
BNA_G
ClientSampleId :
MW-3

Tot Ion	Ratio	Lower	Upper
164	100		
162	97.4	87.7	131.5
160	40.4	37.2	55.8

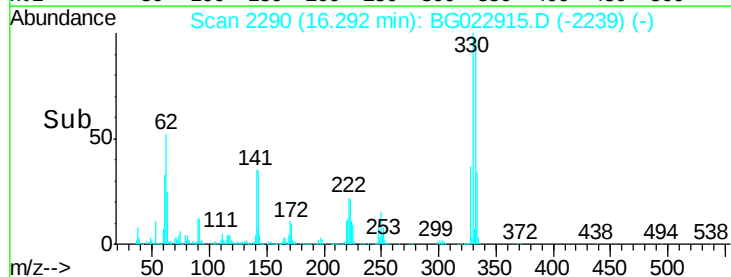
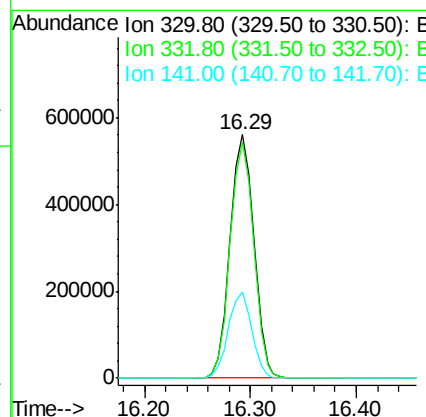
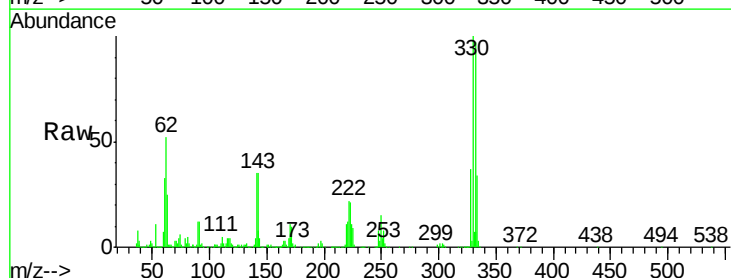
Manual Integrations

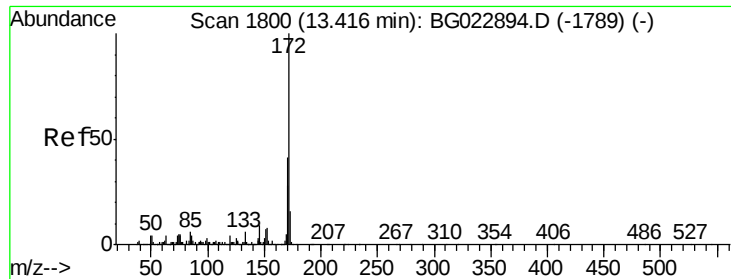
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#41
2,4,6-Tribromophenol
Concen: 124.38 ng
RT: 16.29 min Scan# 2290
Delta R.T. -0.00 min
Lab File: BG022915.D
Acq: 8 Jul 2016 4:03

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.4	116.2
141	35.0	31.7	47.5





#44
 2-Fluorobiphenyl
 Concen: 84.42 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: BG022915.D
 Acq: 8 Jul 2016 4:03

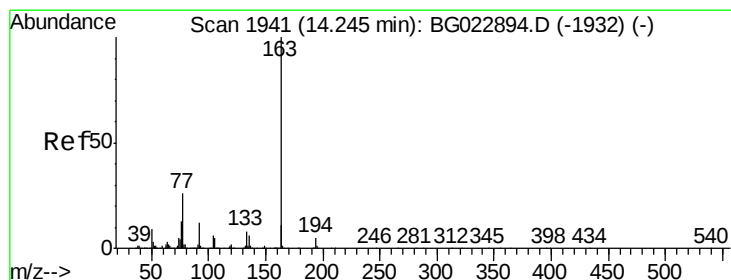
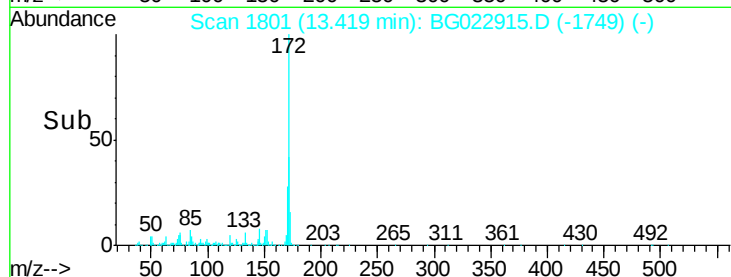
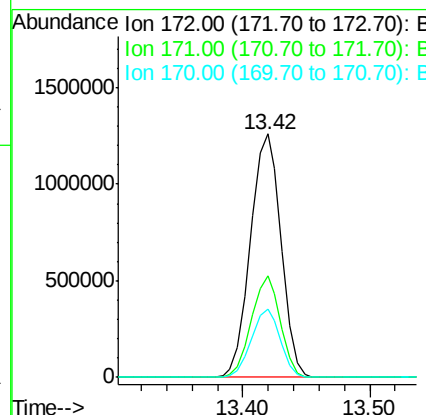
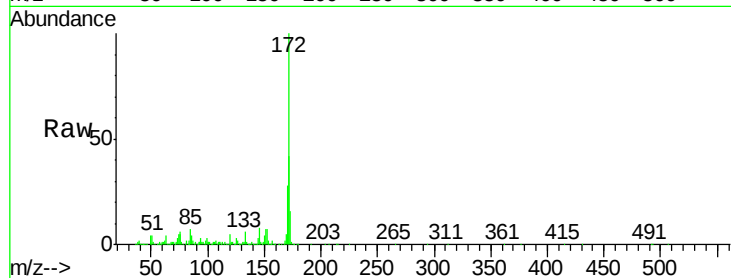
Instrument :
 BNA_G
 ClientSampleId :
 MW-3

Tot Ion:172 Resp: 2108249

Ion	Ratio	Lower	Upper
172	100		
171	41.6	31.6	47.4
170	27.9	21.3	31.9

Manual Integrations

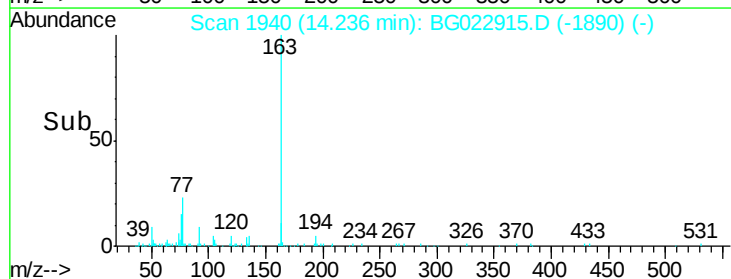
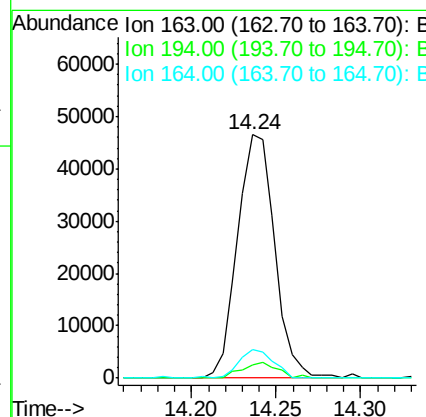
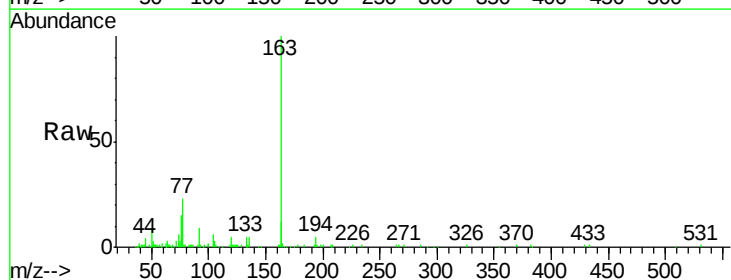
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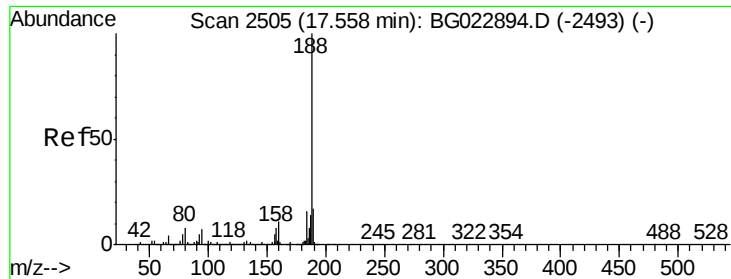


#49
 Dimethylphthalate
 Concen: 2.22 ng
 RT: 14.24 min Scan# 1940
 Delta R.T. -0.01 min
 Lab File: BG022915.D
 Acq: 8 Jul 2016 4:03

Tgt Ion:163 Resp: 71384

Ion	Ratio	Lower	Upper
163	100		
194	5.4	3.6	5.4
164	11.6	8.1	12.1





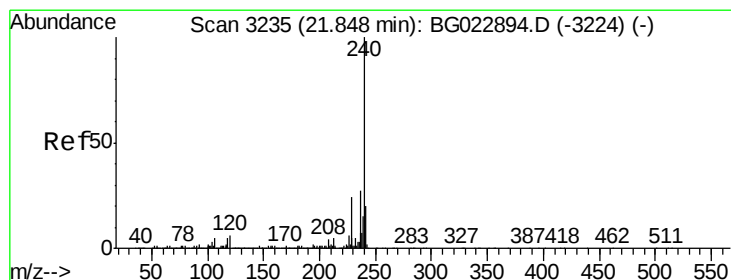
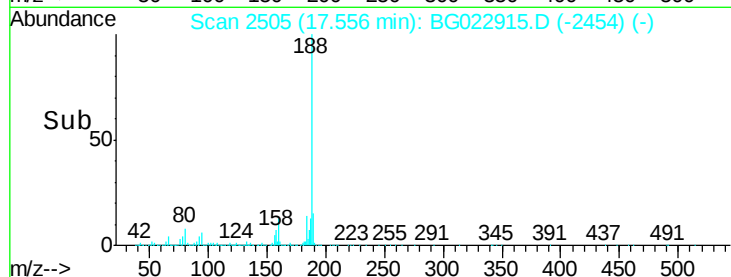
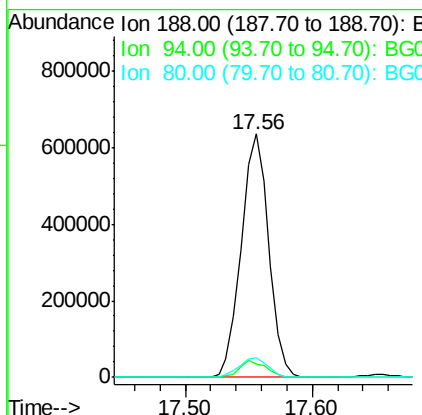
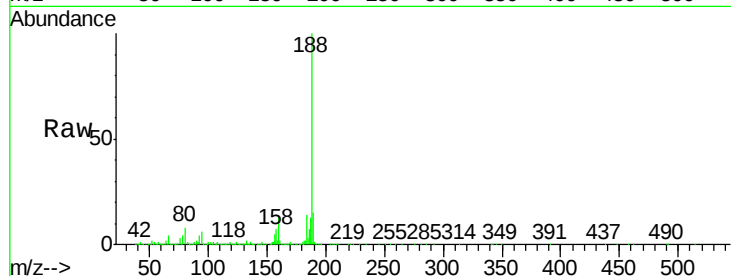
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. -0.00 min
Lab File: BG022915.D
Acq: 8 Jul 2016 4:03

Instrument :
BNA_G
ClientSampleId :
MW-3

Tot Ion	Ratio	Resp	Lower	Upper
188	100	951855		
94	5.7		5.2	7.8
80	8.3		7.2	10.8

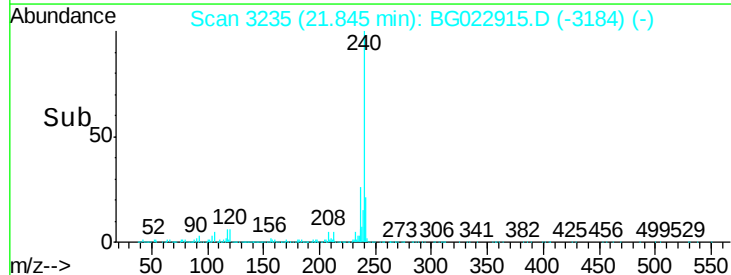
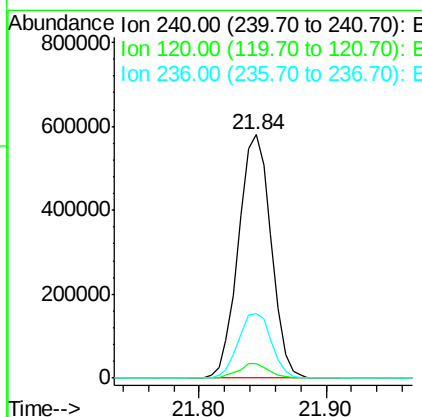
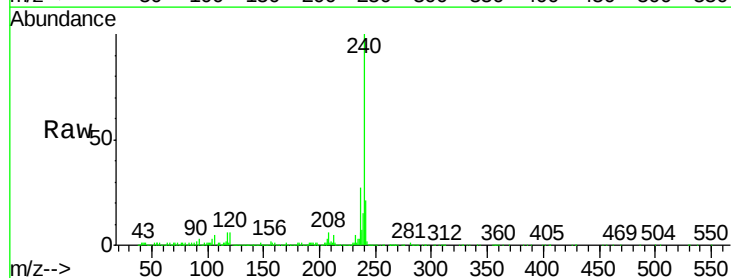
Manual Integrations

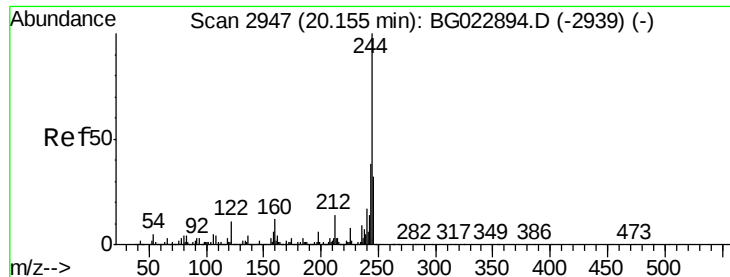
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.84 min Scan# 3235
Delta R.T. -0.00 min
Lab File: BG022915.D
Acq: 8 Jul 2016 4:03

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	1031717		
120	5.7		4.1	6.1
236	26.5		21.1	31.7





#78

Terphenyl-d14

Concen: 95.31 ng

RT: 20.16 min Scan# 2948

Delta R.T. 0.00 min

Lab File: BG022915.D

Acq: 8 Jul 2016 4:03

Instrument :

BNA_G

ClientSampleId :

MW-3

Tot Ion:244 Resp: 2960754

Ion Ratio Lower Upper

244 100

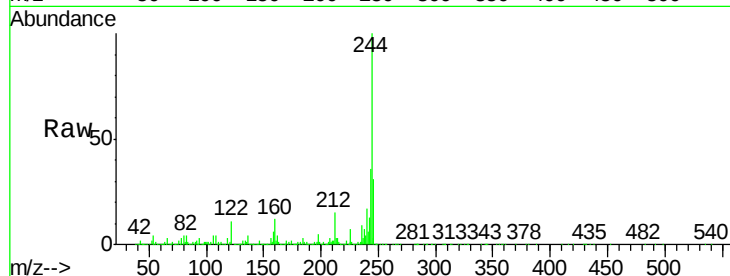
212 14.5 10.8 16.2

122 10.7 8.0 12.0

Manual Integrations

umangi

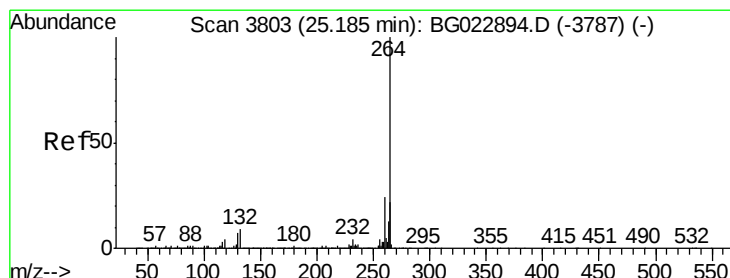
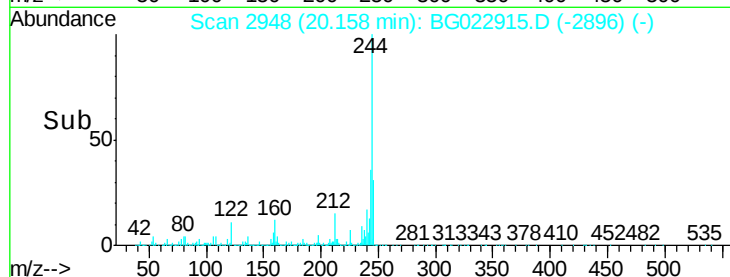
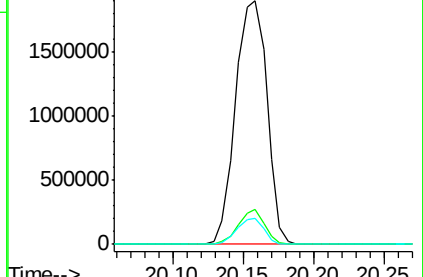
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Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.19 min Scan# 3804

Delta R.T. 0.00 min

Lab File: BG022915.D

Acq: 8 Jul 2016 4:03

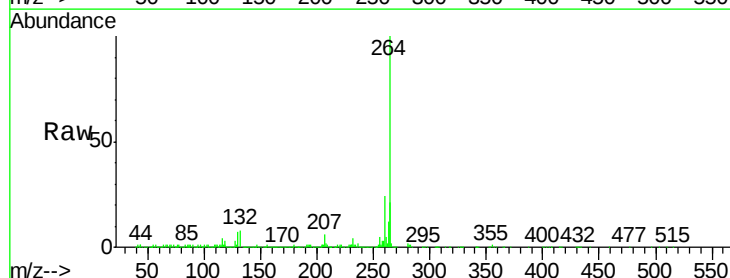
Tgt Ion:264 Resp: 1063566

Ion Ratio Lower Upper

264 100

260 24.1 18.4 27.6

265 21.3 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

