

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070716\
 Data File : BG022875.D
 Acq On : 6 Jul 2016 13:19
 Operator : UM/SJ
 Sample : H3787-01 20X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LAR9937

Manual Integrations

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 7/7/2016 4:18:40 AM

Quant Time: Jul 06 16:16:44 2016
 Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG062516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 20:14:59 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	126573	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	585662	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	431630	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	1020671	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1147351	20.00	ng	0.00
86) Perylene-d12	25.21	264	1161211	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	45986	5.83	ng	0.00
7) Phenol-d6	7.30	99	74214	6.67	ng	0.00
23) Nitrobenzene-d5	9.33	82	315540	22.80	ng	-0.01
41) 2,4,6-Tribromophenol	16.28	330	45385	6.69	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	153674	5.65	ng	-0.01
78) Terphenyl-d14	20.14	244	255280	5.89	ng	-0.01
Target Compounds						
31) Naphthalene	11.05	128	140094	4.76	ng	Qvalue # 84

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

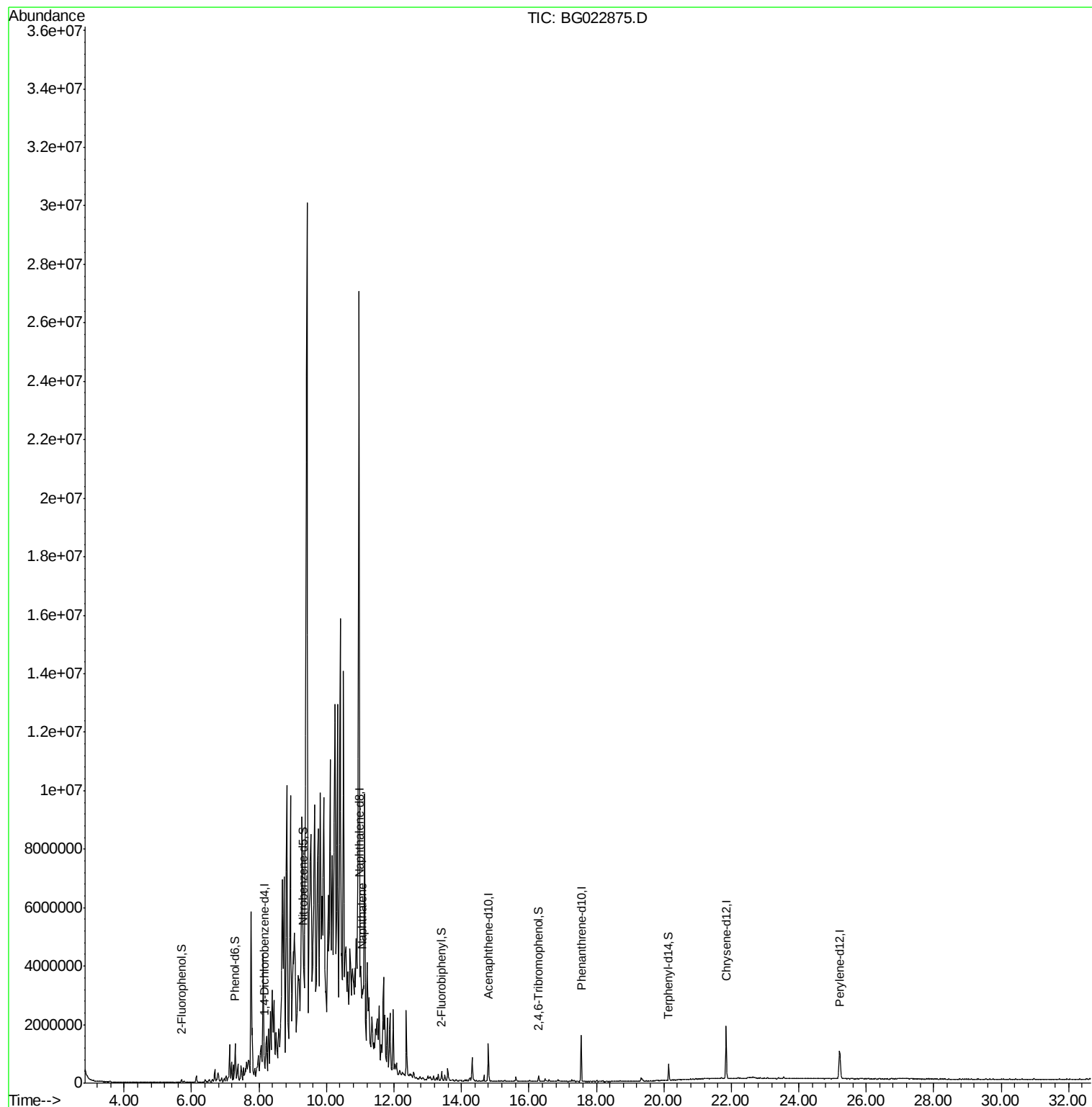
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070716\
Data File : BG022875.D
Acq On : 6 Jul 2016 13:19
Operator : UM/SJ
Sample : H3787-01 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

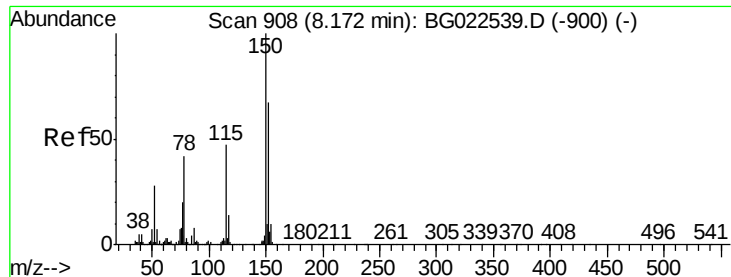
Instrument :
BNA_G
ClientSampleId :
LAR9937

Manual Integrations

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7/7/2016 4:18:40 AM

Quant Time: Jul 06 16:16:44 2016
Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 24 20:14:59 2016
Response via : Initial Calibration





#1

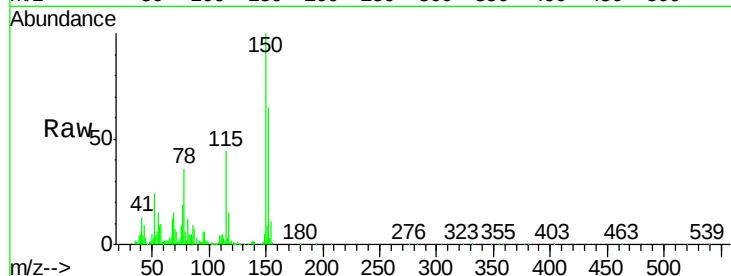
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.16 min Scan# 906
Delta R.T. -0.01 min
Lab File: BG022875.D
Acq: 6 Jul 2016 13:19

Instrument :
BNA_G
ClientSampleId :
LAR9937

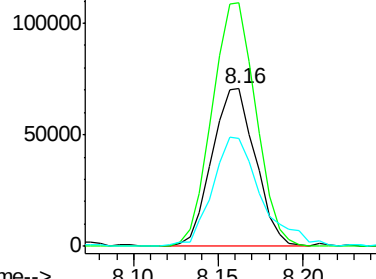
Tgt	Ion	Resp	Lower	Upper
152	100			
150	154.7	144.7	217.1	
115	68.4	64.0	96.0	

Manual Integrations

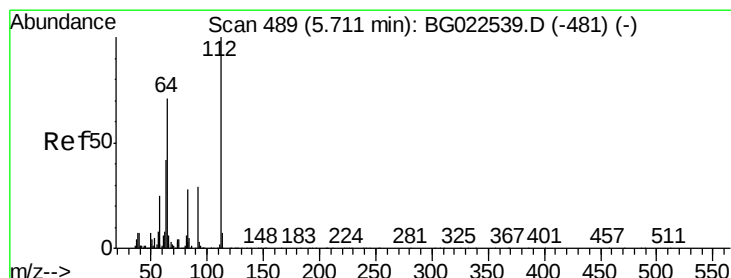
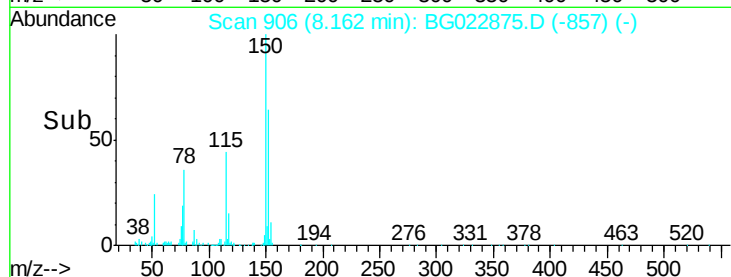
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



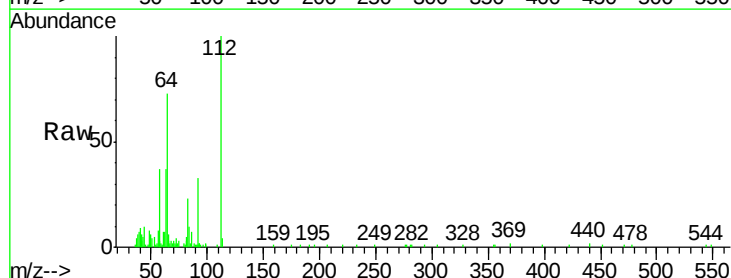
Time-->



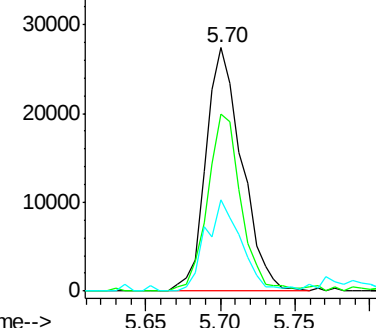
#5

2-Fluorophenol
Concen: 5.83 ng
RT: 5.70 min Scan# 487
Delta R.T. -0.00 min
Lab File: BG022875.D
Acq: 6 Jul 2016 13:19

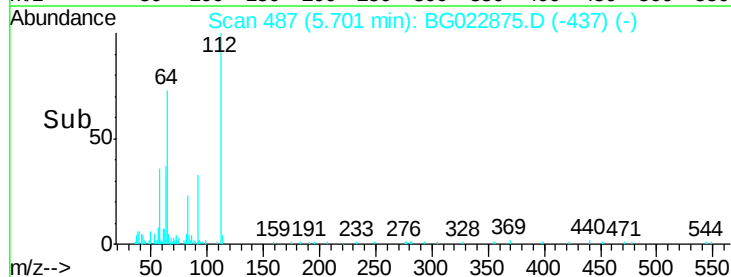
Tgt	Ion	Resp	Lower	Upper
112	100			
64	72.8	59.0	88.4	
63	37.5	37.8	56.8	

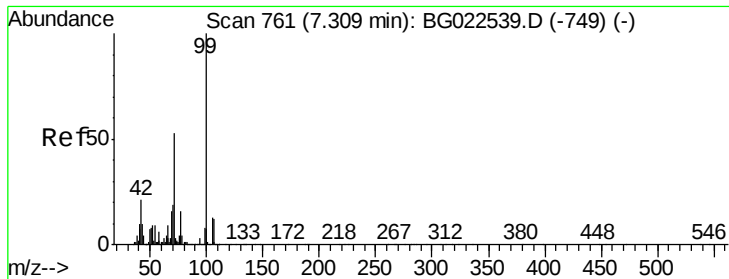


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0



Time-->





#7

Phenol-d6

Concen: 6.67 ng

RT: 7.30 min Scan# 760

Delta R.T. 0.00 min

Lab File: BG022875.D

Acq: 6 Jul 2016 13:19

Instrument :

BNA_G

ClientSampleId :

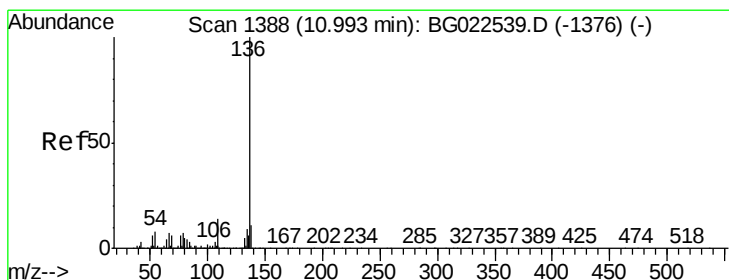
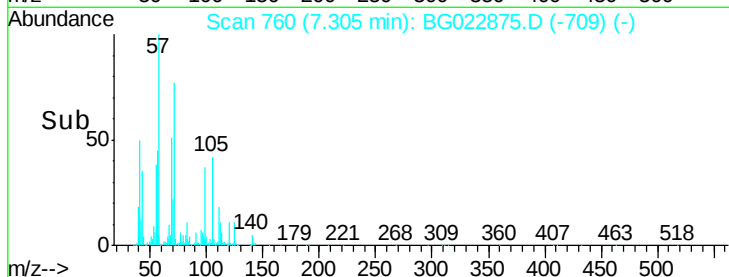
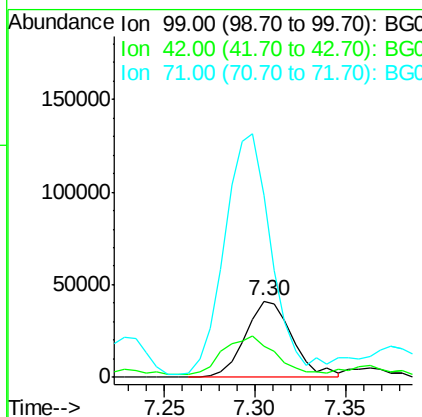
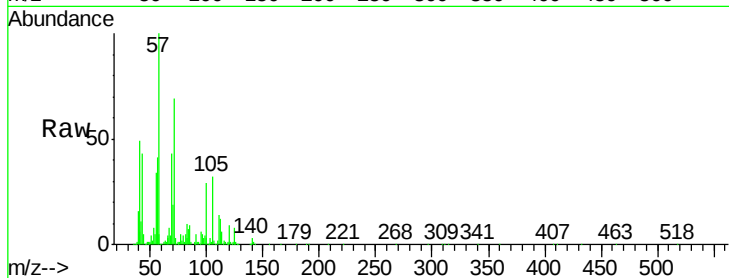
LAR9937

Tgt Ion:	99	Resp:	74214
Ion Ratio	Lower	Upper	
99	100		
42	39.9	17.8	26.6#
71	238.1	41.5	62.3#

Manual Integrations

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#21

Naphthalene-d8

Concen: 20.00 ng

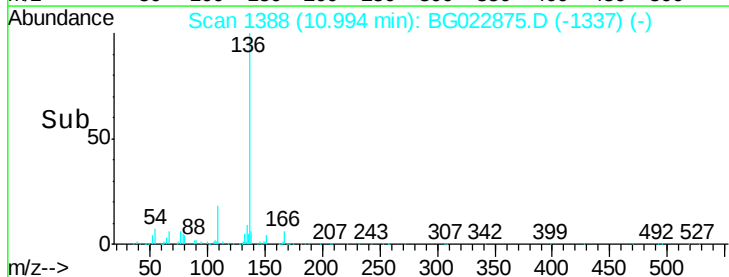
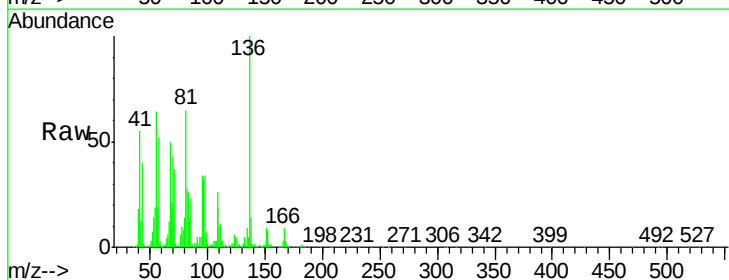
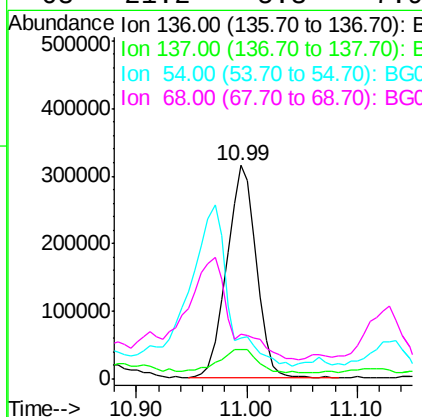
RT: 10.99 min Scan# 1388

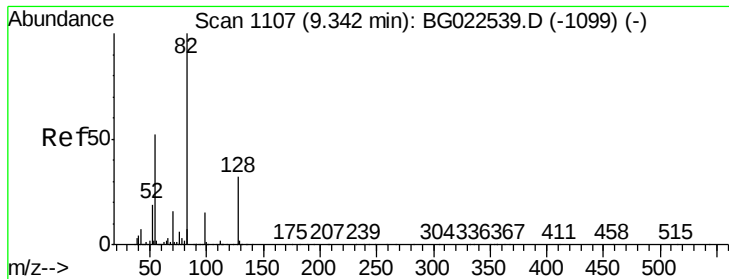
Delta R.T. 0.00 min

Lab File: BG022875.D

Acq: 6 Jul 2016 13:19

Tgt Ion:	136	Resp:	585662
Ion Ratio	Lower	Upper	
136	100		
137	13.5	9.6	14.4
54	19.1	7.3	10.9#
68	21.2	5.3	7.9#





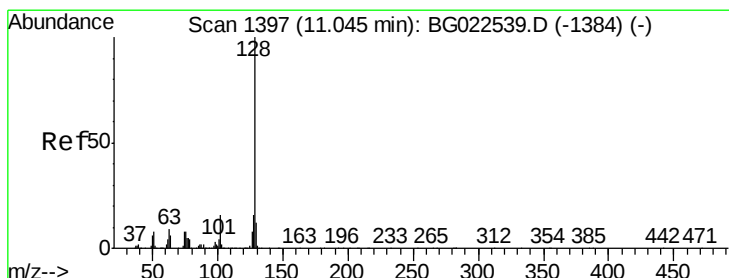
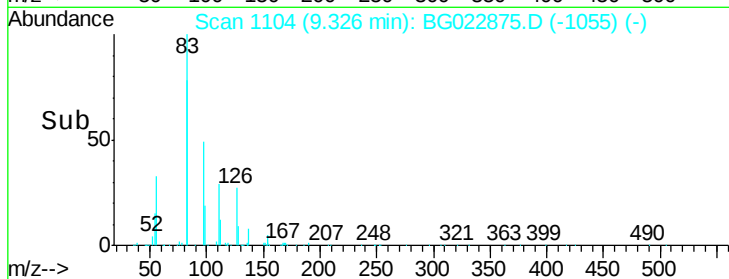
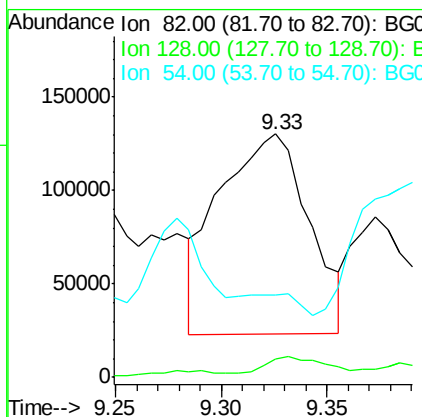
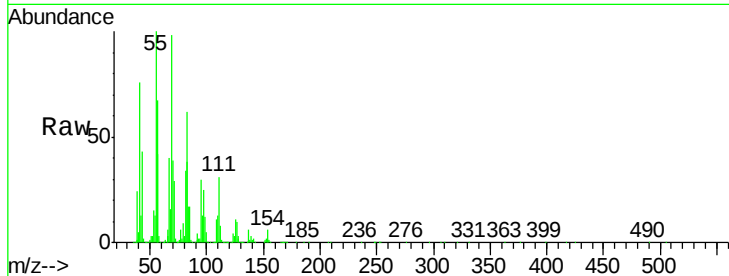
#23
 Nitrobenzene-d5
 Concen: 22.80 ng
 RT: 9.33 min Scan# 1104
 Delta R.T. -0.01 min
 Lab File: BG022875.D
 Acq: 6 Jul 2016 13:19

Instrument :
 BNA_G
 ClientSampleId :
 LAR9937

Tgt Ion	Ratio	Lower	Upper
82	100		
128	7.5	24.4	36.6#
54	33.7	41.4	62.0#

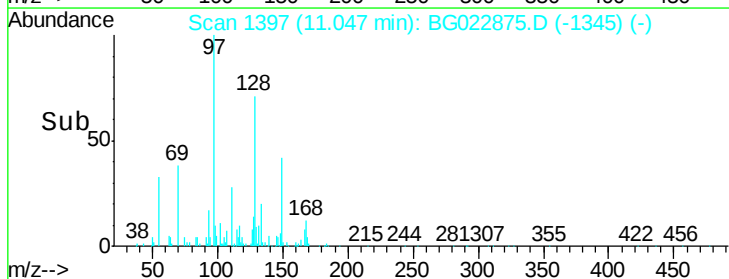
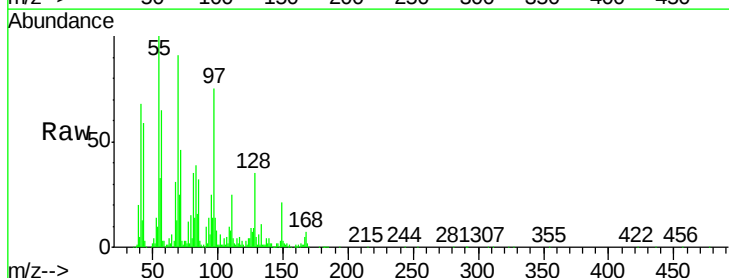
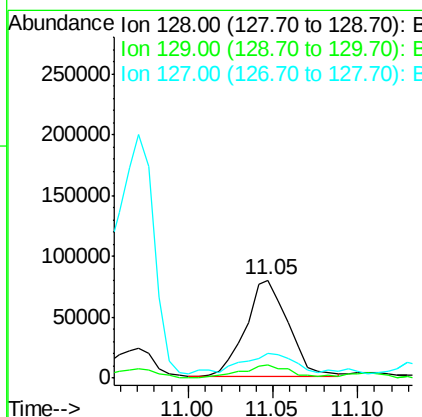
Manual Integrations

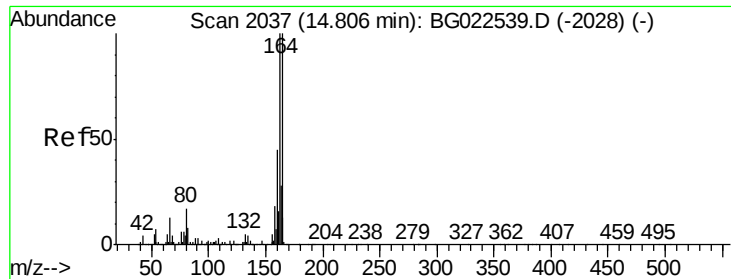
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#31
 Naphthalene
 Concen: 4.76 ng
 RT: 11.05 min Scan# 1397
 Delta R.T. 0.01 min
 Lab File: BG022875.D
 Acq: 6 Jul 2016 13:19

Tgt Ion	Ratio	Lower	Upper
128	100		
129	13.5	9.4	14.0
127	24.7	11.3	16.9#





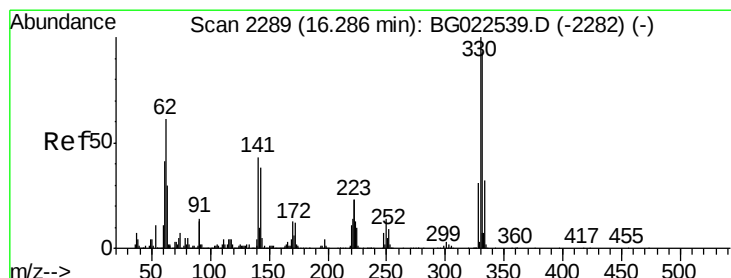
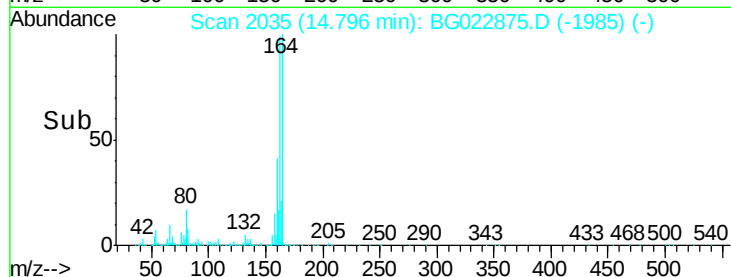
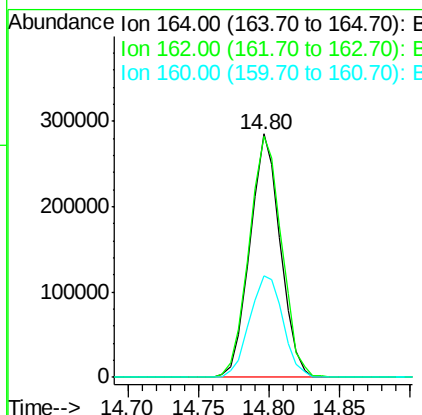
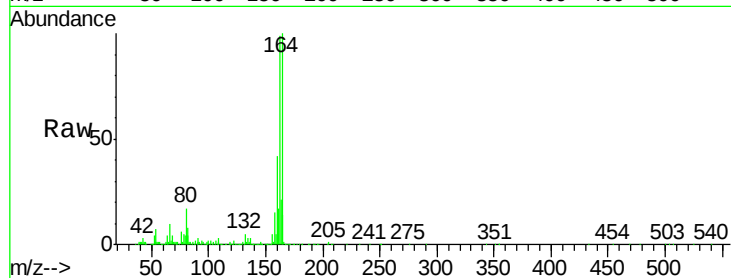
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BG022875.D
Acq: 6 Jul 2016 13:19

Instrument :
BNA_G
ClientSampleId :
LAR9937

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.9	87.7	131.5
160	41.6	37.2	55.8

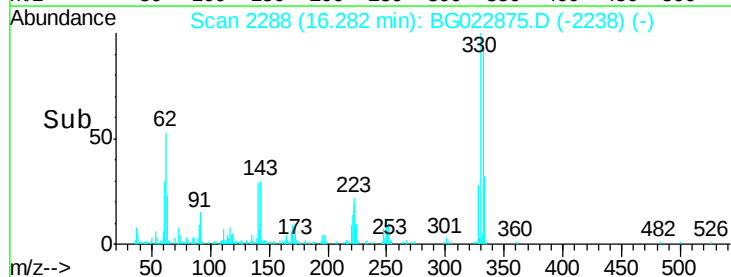
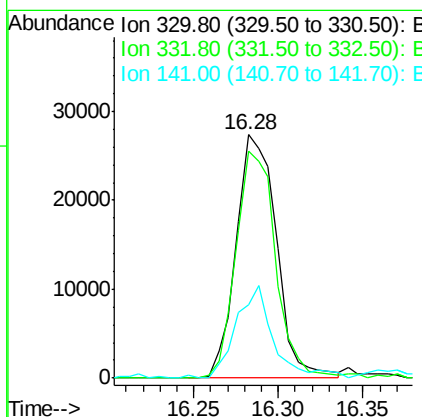
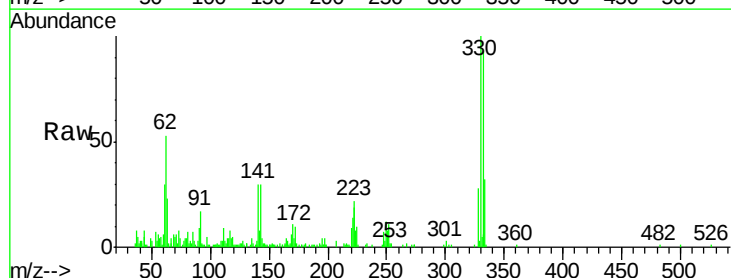
Manual Integrations

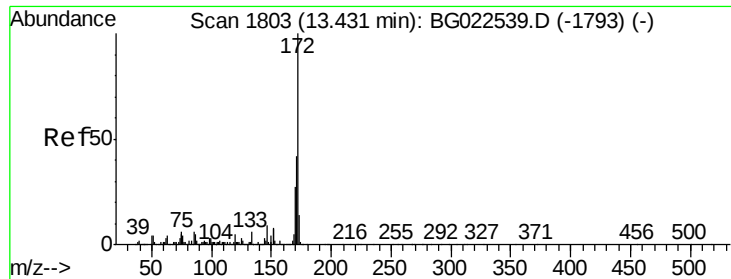
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#41
2,4,6-Tribromophenol
Concen: 6.69 ng
RT: 16.28 min Scan# 2288
Delta R.T. -0.00 min
Lab File: BG022875.D
Acq: 6 Jul 2016 13:19

Tgt Ion	Ratio	Lower	Upper
330	100		
332	91.4	77.4	116.2
141	35.3	31.7	47.5





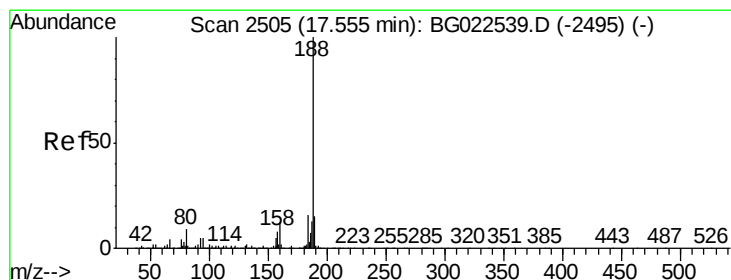
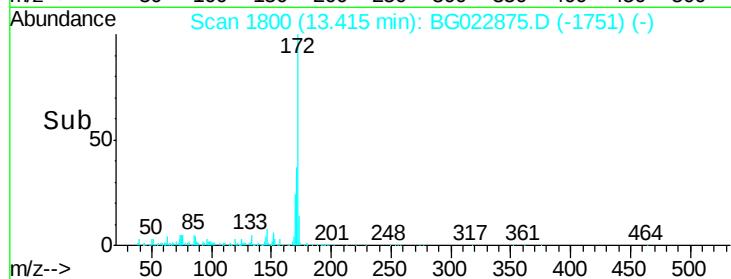
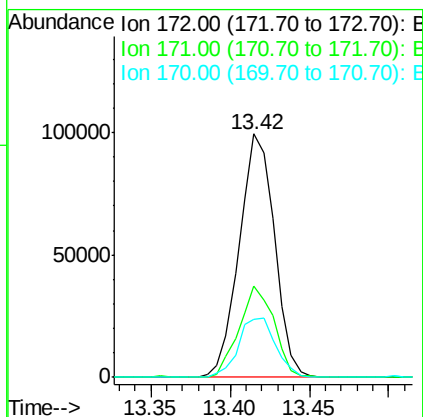
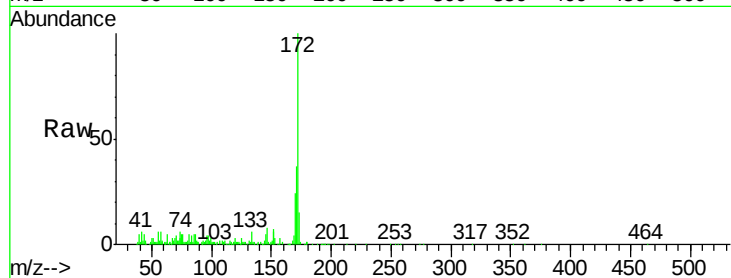
#44
2-Fluorobiphenyl
Concen: 5.65 ng
RT: 13.42 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BG022875.D
Acq: 6 Jul 2016 13:19

Instrument :
BNA_G
ClientSampled :
LAR9937

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	31.6	47.4
170	23.7	21.3	31.9

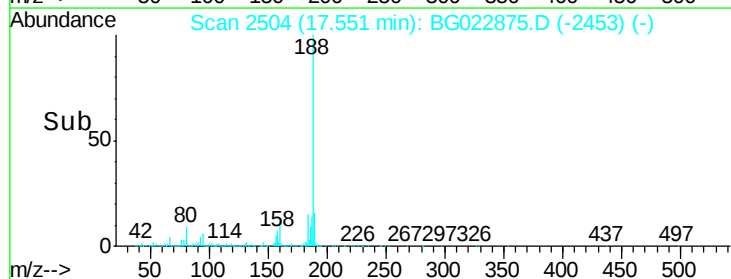
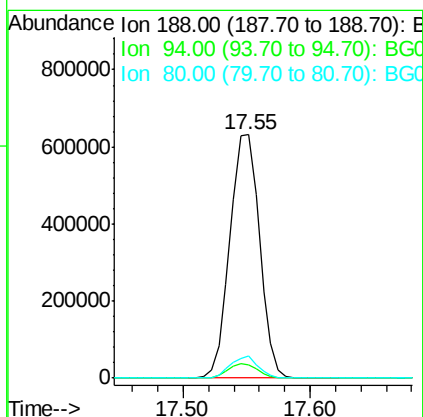
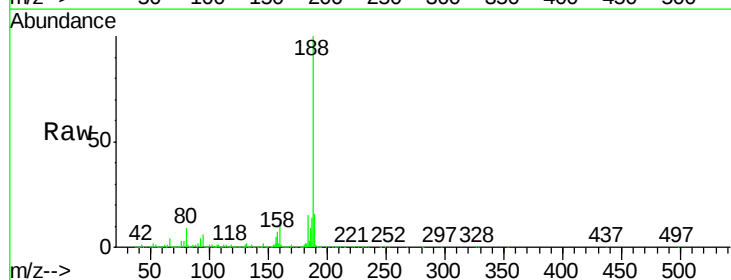
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. 0.00 min
Lab File: BG022875.D
Acq: 6 Jul 2016 13:19

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.6	5.2	7.8
80	8.9	7.2	10.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.85 min Scan# 3235

Delta R.T. 0.00 min

Lab File: BG022875.D

Acq: 6 Jul 2016 13:19

Instrument :

BNA_G

ClientSampleId :

LAR9937

Tgt Ion:240 Resp: 1147351

Ion Ratio Lower Upper

240 100

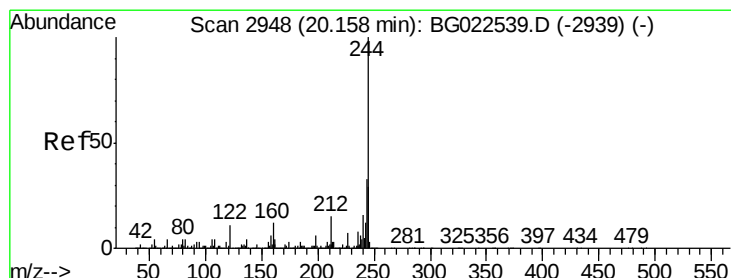
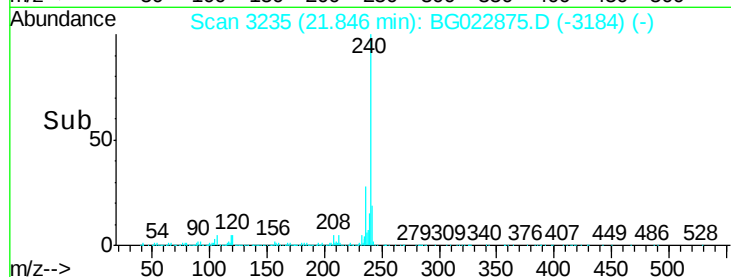
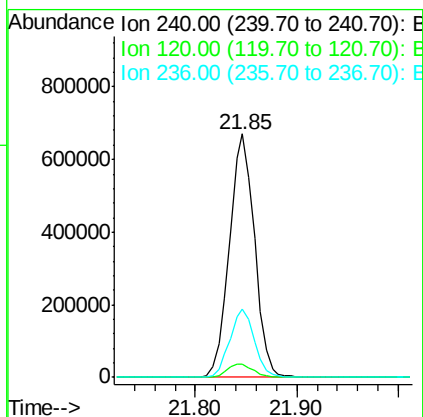
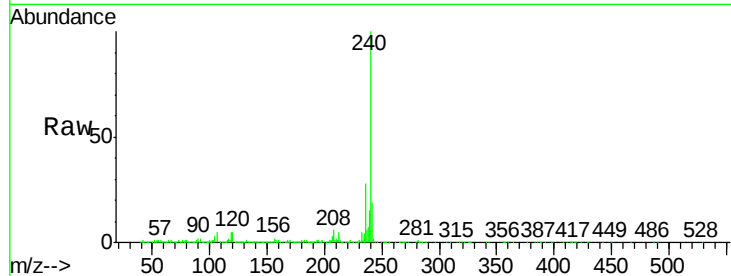
120 5.4 4.1 6.1

236 27.9 21.1 31.7

Manual Integrations

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#78

Terphenyl-d14

Concen: 5.89 ng

RT: 20.14 min Scan# 2945

Delta R.T. -0.01 min

Lab File: BG022875.D

Acq: 6 Jul 2016 13:19

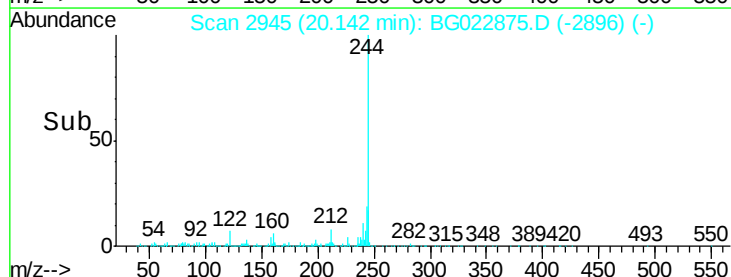
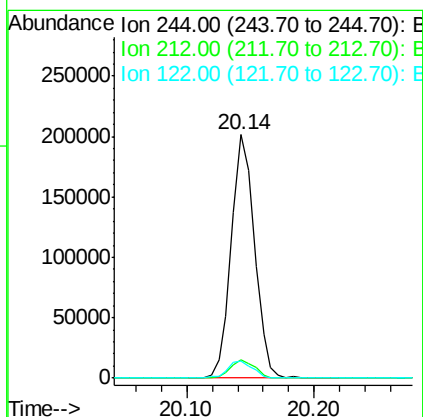
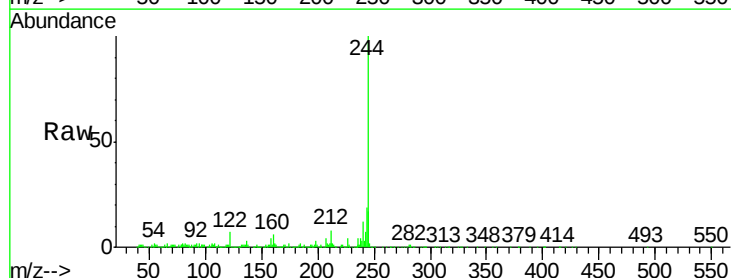
Tgt Ion:244 Resp: 255280

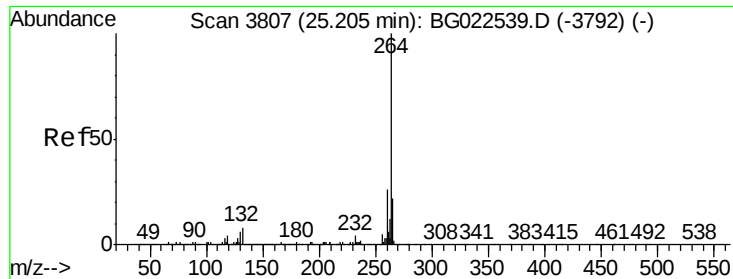
Ion Ratio Lower Upper

244 100

212 7.7 10.8 16.2#

122 6.9 8.0 12.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.21 min Scan# 3808
Delta R.T. 0.01 min
Lab File: BG022875.D
Acq: 6 Jul 2016 13:19

Instrument :
BNA_G
ClientSampleId :
LAR9937

Tgt	Ion	Ratio	Lower	Upper
264	100			
260	27.6	18.4	27.6#	
265	21.6	18.9	28.3	

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