

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102817\
 Data File : BG030551.D
 Acq On : 29 Oct 2017 7:21
 Operator : SJ/JU
 Sample : I6092-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WYANDANCH-STA(1-8)-COMP

Manual Integrations
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Quant Time: Oct 30 07:46:23 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 17:32:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	67045	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	283039	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	184929	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	485672	20.00	ng	0.00
75) Chrysene-d12	21.79	240	538347	20.00	ng	0.00
86) Perylene-d12	25.11	264	524182	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	618084	154.01	ng	0.00
7) Phenol-d6	7.32	99	721142	128.01	ng	0.00
23) Nitrobenzene-d5	9.33	82	513540	115.30	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	449232	188.15	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1340992	106.35	ng	0.00
78) Terphenyl-d14	20.11	244	2278638	96.29	ng	0.00
Target Compounds						
31) Naphthalene	11.03	128	747445	52.987	ng	99
37) 2-Methylnaphthalene	12.63	142	52364	5.093	ng	92

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

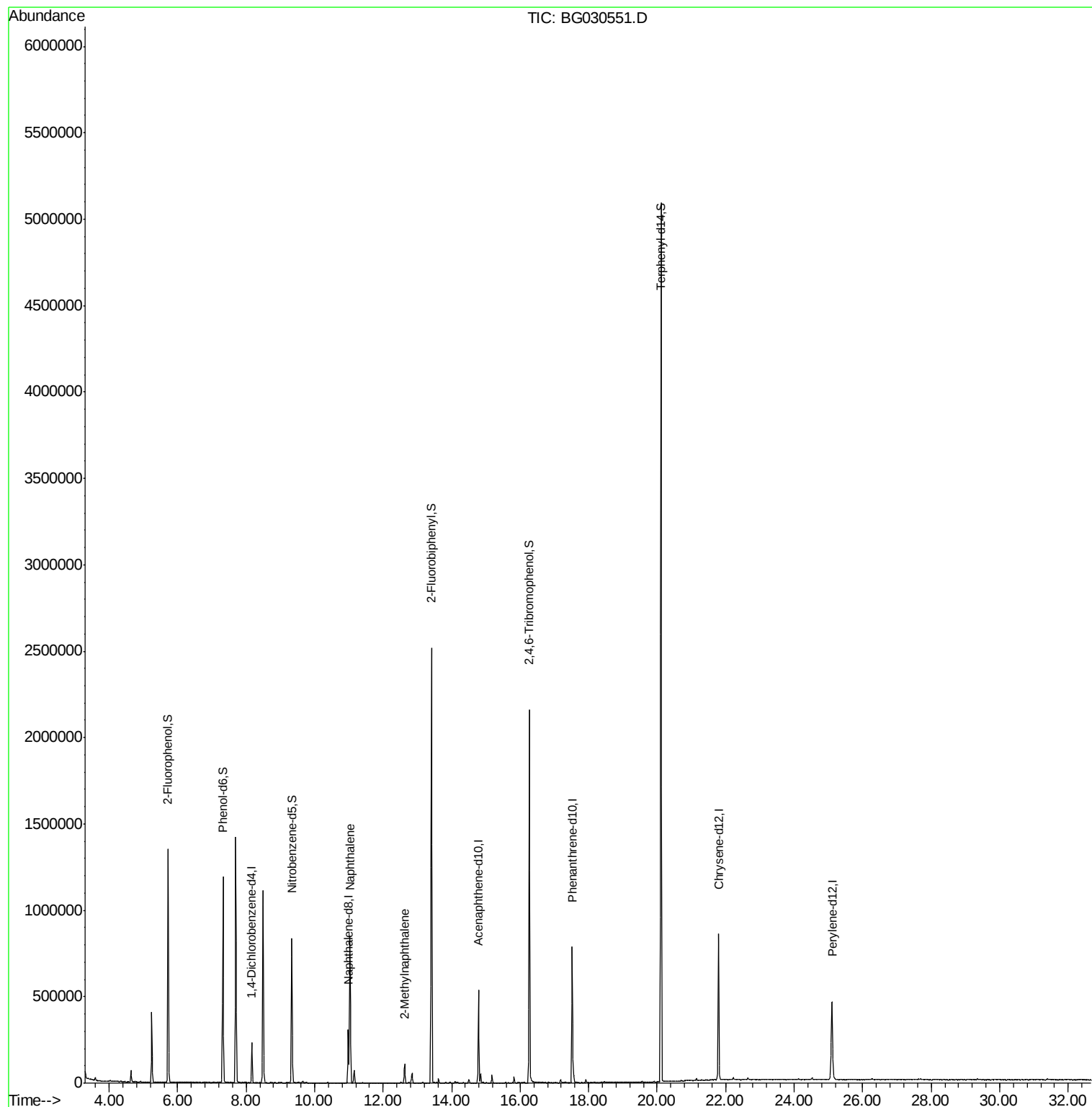
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102817\
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ALS Vial : 26 Sample Multiplier: 1

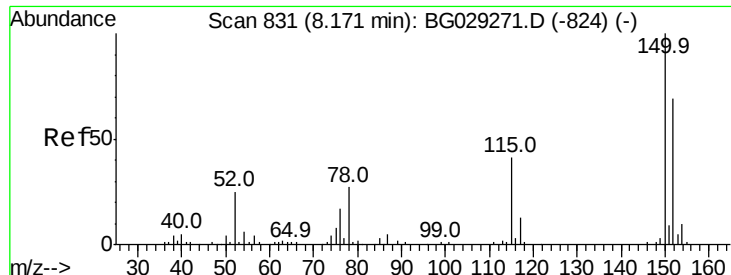
Instrument :
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ClientSampleId :
WYANDANCH-STA(1-8)-COMP

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#1

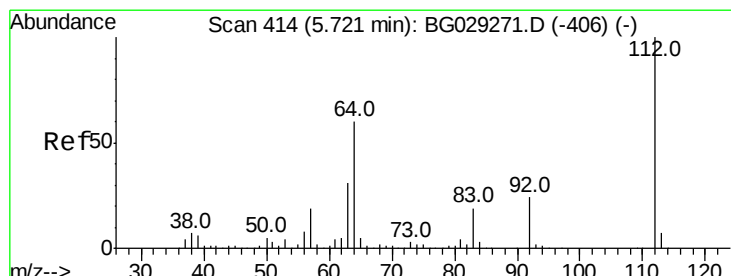
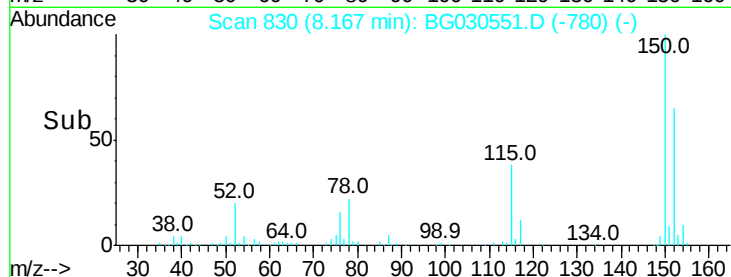
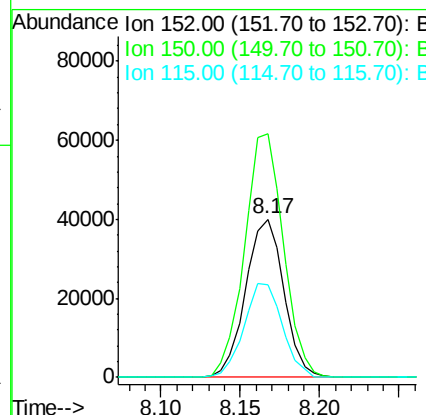
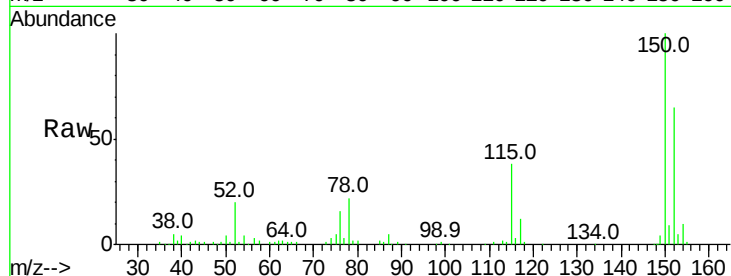
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG030551.D
Acq: 29 Oct 2017 7:21

Instrument :
BNA_G
ClientSampleId :
WYANDANCH-STA(1-8)-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	126.6	189.8
115	58.6	53.0	79.4

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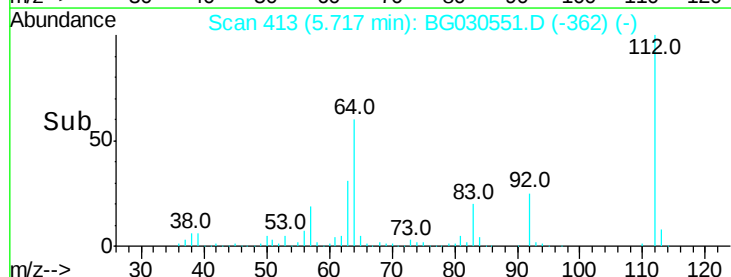
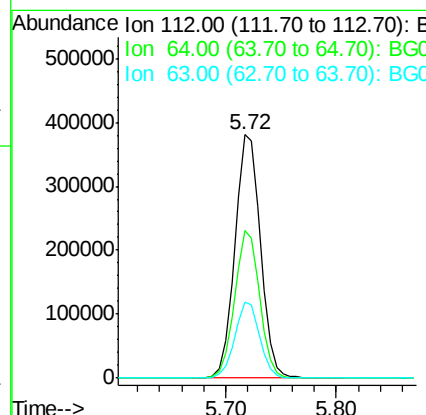
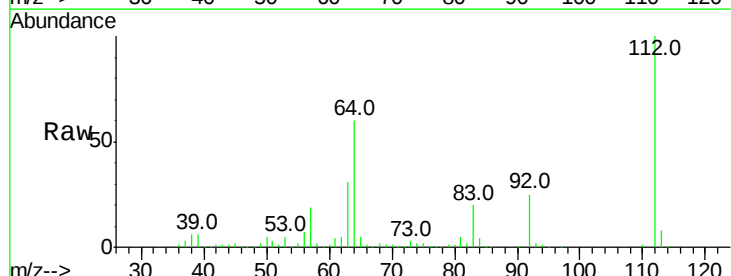
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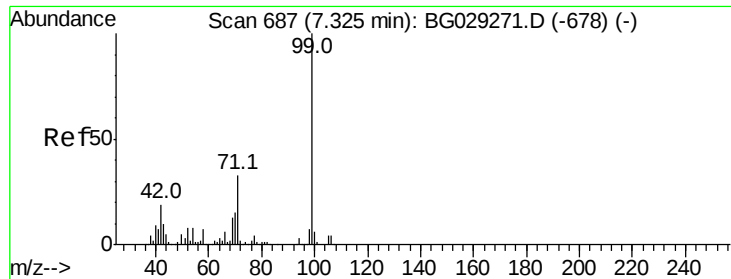


#5

2-Fluorophenol
Concen: 154.007 ng
RT: 5.72 min Scan# 413
Delta R.T. -0.00 min
Lab File: BG030551.D
Acq: 29 Oct 2017 7:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.4	56.3	84.5
63	31.0	30.1	45.1





#7

Phenol-d6

Concen: 128.013 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG030551.D

Acq: 29 Oct 2017 7:21

Instrument :

BNA_G

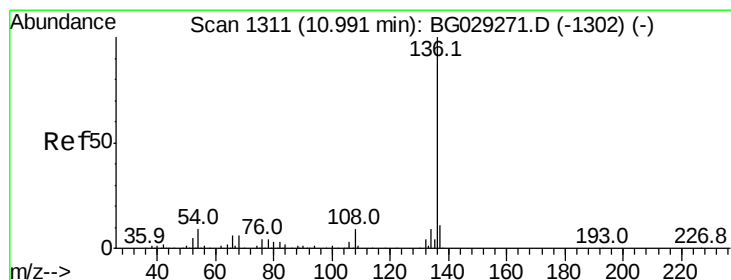
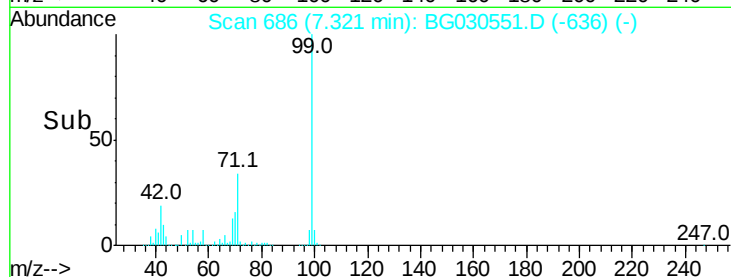
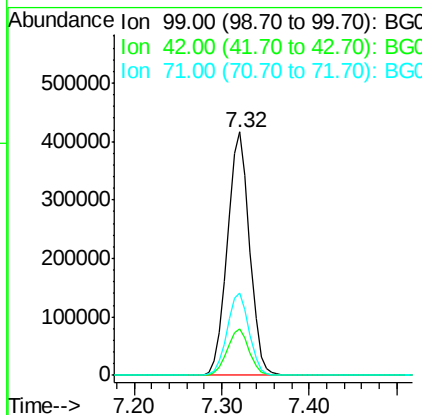
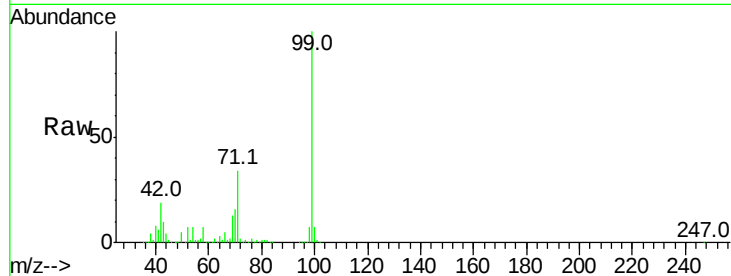
ClientSampleId :

WYANDANCH-STA(1-8)-COMP

Tot Ion:	99	Resp:	721142
Ion Ratio	Lower	Upper	
99	100		
42	18.9	14.1	21.1
71	33.8	26.1	39.1

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#21

Naphthalene-d8

Concen: 20.000 ng

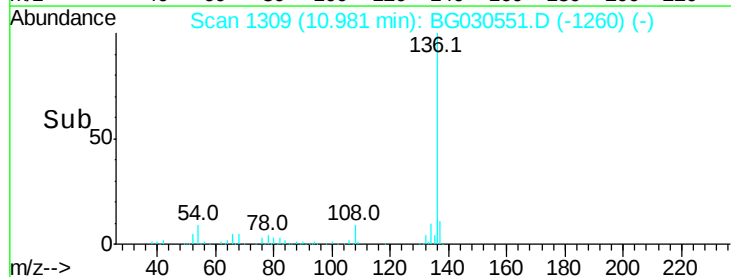
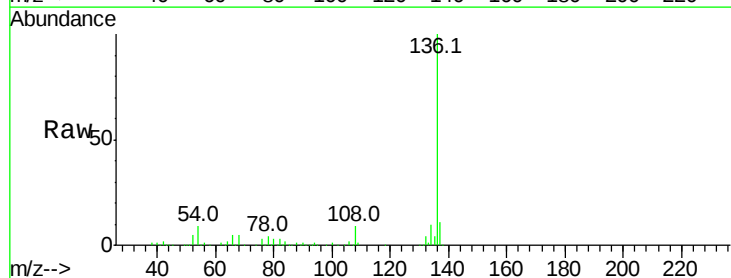
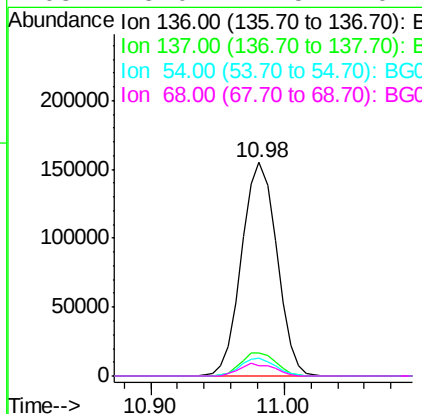
RT: 10.98 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BG030551.D

Acq: 29 Oct 2017 7:21

Tgt Ion:	136	Resp:	283039
Ion Ratio	Lower	Upper	
136	100		
137	10.8	9.2	13.8
54	8.6	10.3	15.5#
68	5.0	4.5	6.7





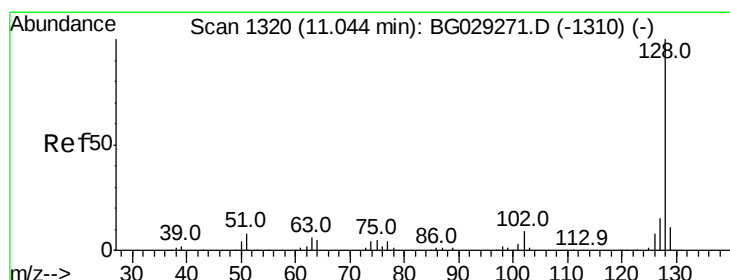
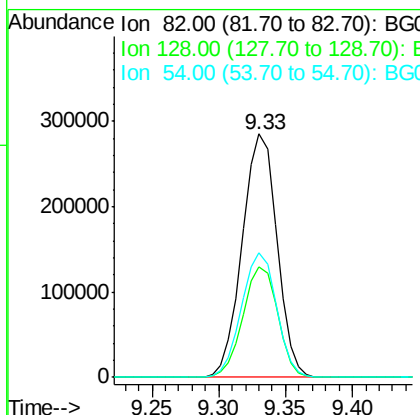
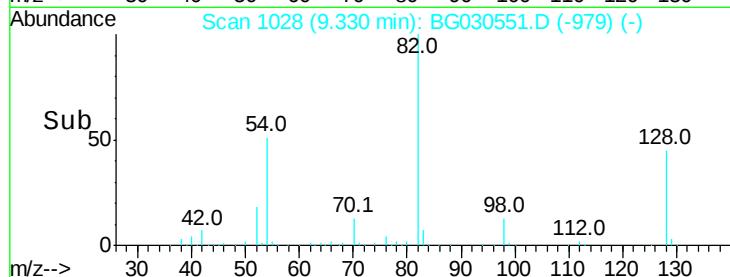
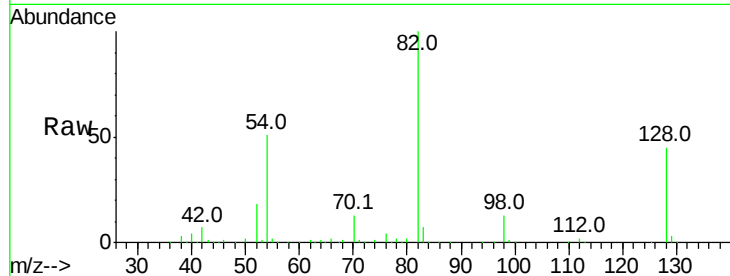
#23
 Nitrobenzene-d5
 Concen: 115.299 ng
 RT: 9.33 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BG030551.D
 Acq: 29 Oct 2017 7:21

Instrument :
 BNA_G
 ClientSampleId :
 WYANDANCH-STA(1-8)-COMP

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.2	29.7	44.5#
54	51.4	43.1	64.7

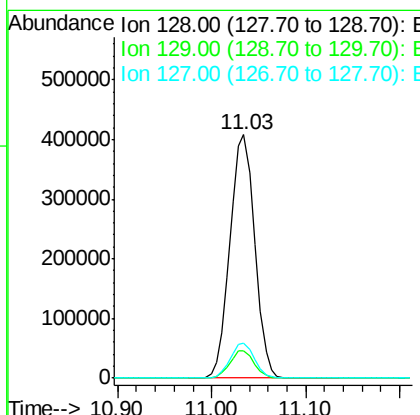
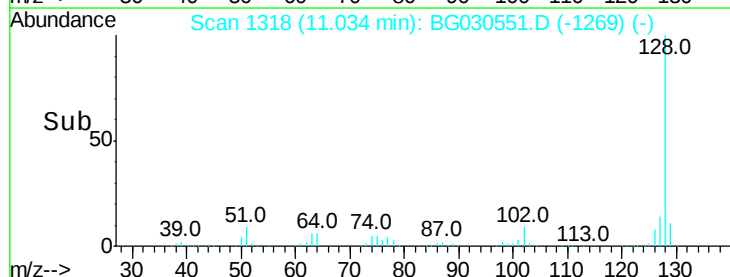
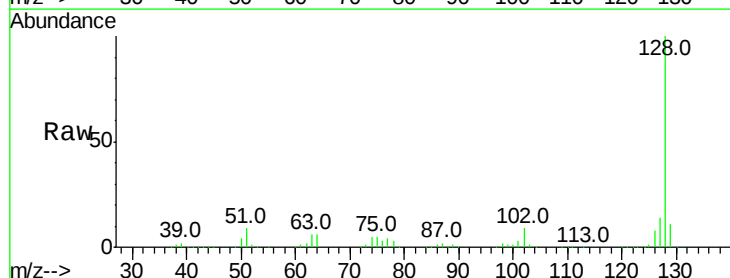
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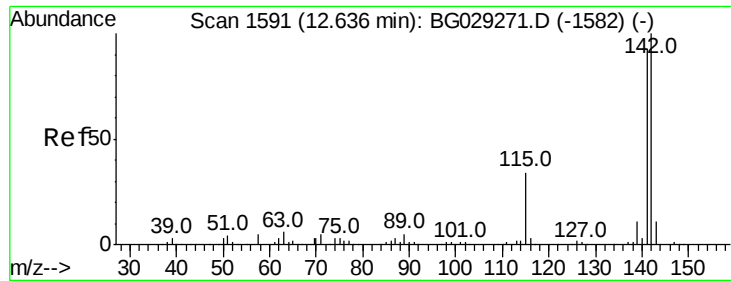
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#31
 Naphthalene
 Concen: 52.987 ng
 RT: 11.03 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BG030551.D
 Acq: 29 Oct 2017 7:21

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.6	12.8
127	14.3	11.6	17.4





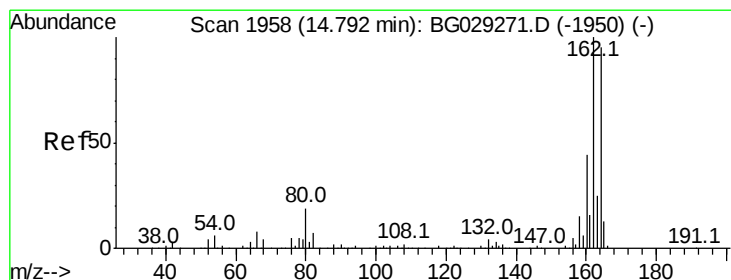
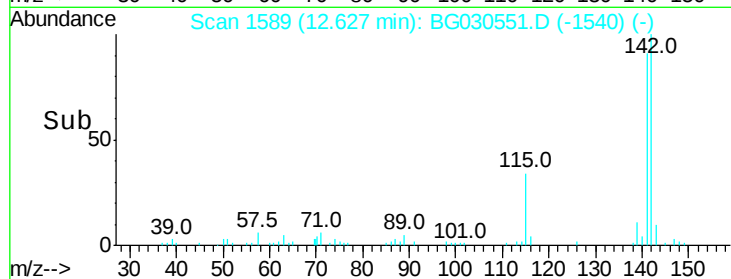
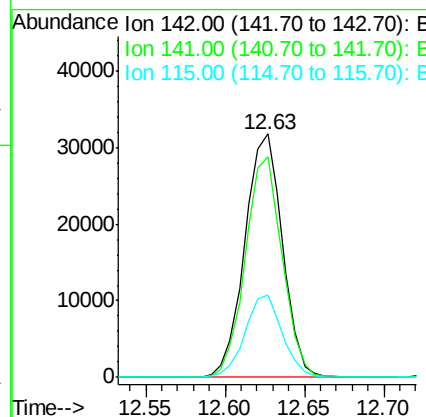
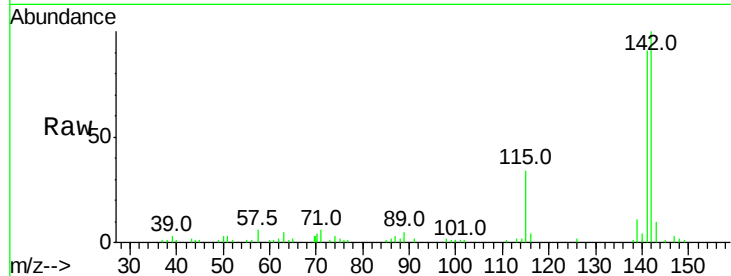
#37
2-Methylnaphthalene
Concen: 5.093 ng
RT: 12.63 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BG030551.D
Acq: 29 Oct 2017 7:21

Instrument :
BNA_G
ClientSampleId :
WYANDANCH-STA(1-8)-COMP

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.8	67.1	100.7
115	33.6	30.7	46.1

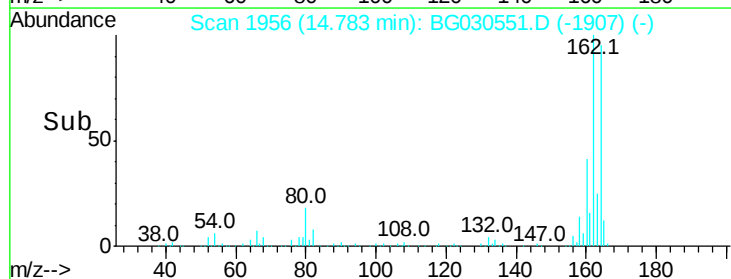
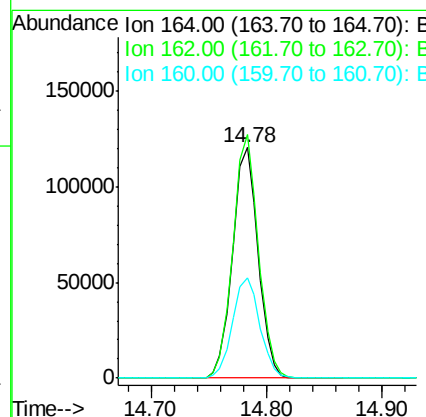
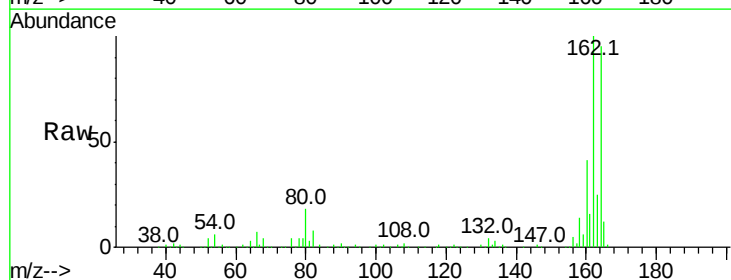
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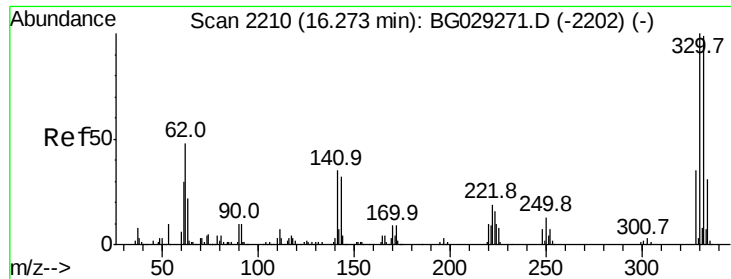
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BG030551.D
Acq: 29 Oct 2017 7:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.6	78.8	118.2
160	43.4	35.4	53.0





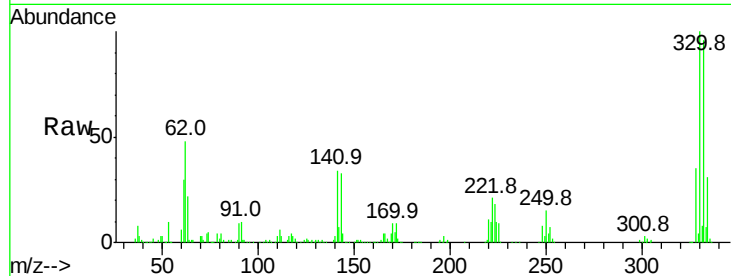
#41
 2,4,6-Tribromophenol
 Concen: 188.150 ng
 RT: 16.26 min Scan# 2208
 Delta R.T. -0.01 min
 Lab File: BG030551.D
 Acq: 29 Oct 2017 7:21

Instrument :
 BNA_G
 ClientSampleId :
 WYANDANCH-STA(1-8)-COMP

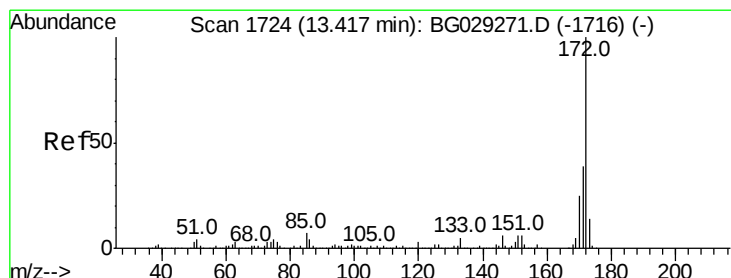
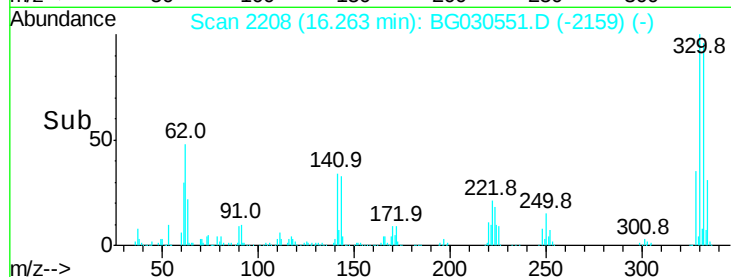
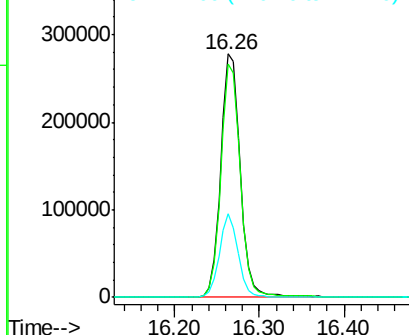
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.6	77.0	115.6	
141	33.0	25.2	37.8	

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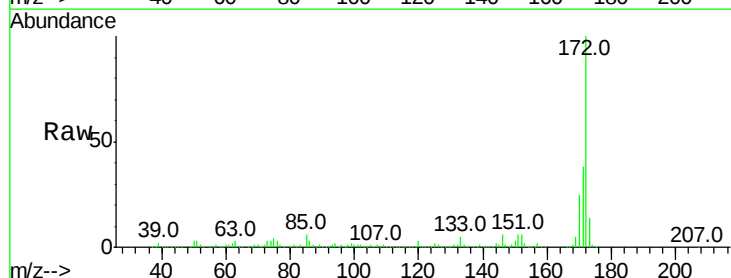


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

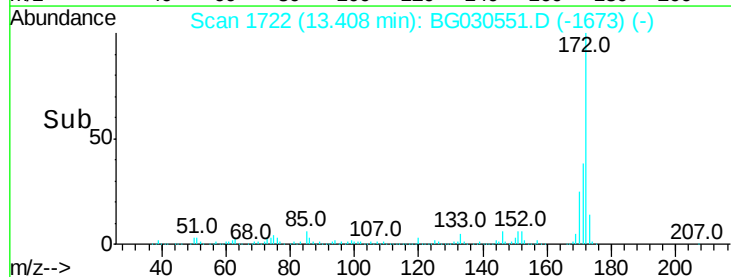
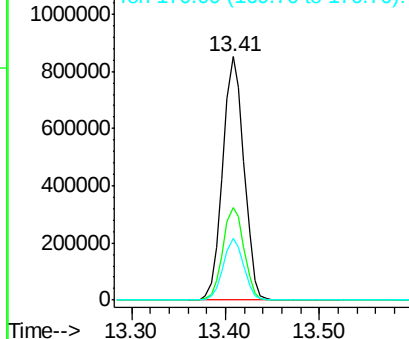


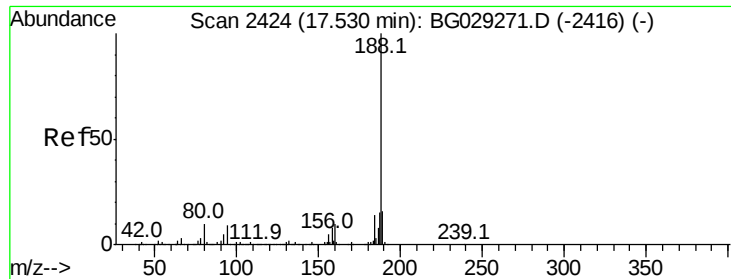
#44
 2-Fluorobiphenyl
 Concen: 106.353 ng
 RT: 13.41 min Scan# 1722
 Delta R.T. -0.01 min
 Lab File: BG030551.D
 Acq: 29 Oct 2017 7:21

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	38.1	30.0	45.0	
170	25.2	19.5	29.3	



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





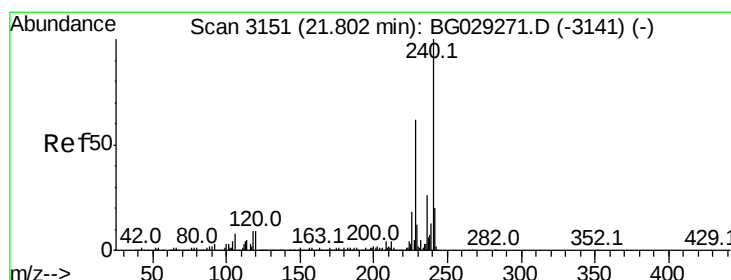
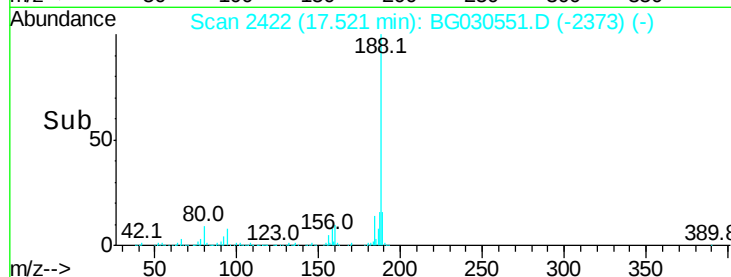
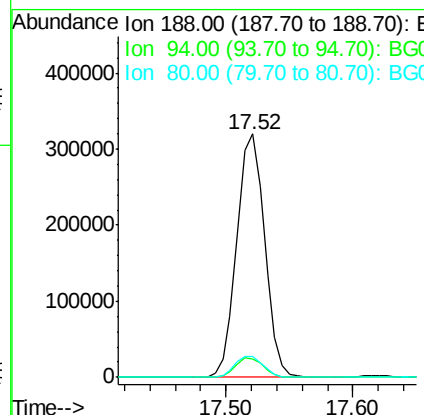
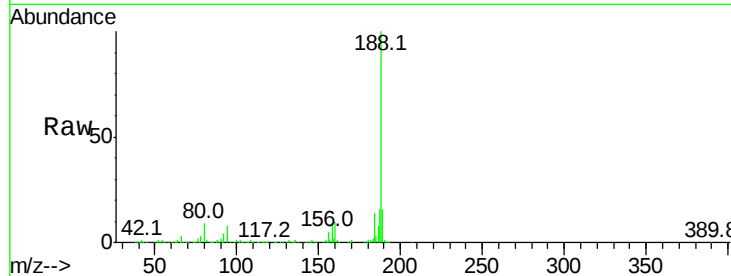
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.52 min Scan# 2422
 Delta R.T. -0.01 min
 Lab File: BG030551.D
 Acq: 29 Oct 2017 7:21

Instrument :
 BNA_G
 ClientSampleId :
 WYANDANCH-STA(1-8)-COMP

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	7.7	6.9	10.3	
80	8.8	7.7	11.5	

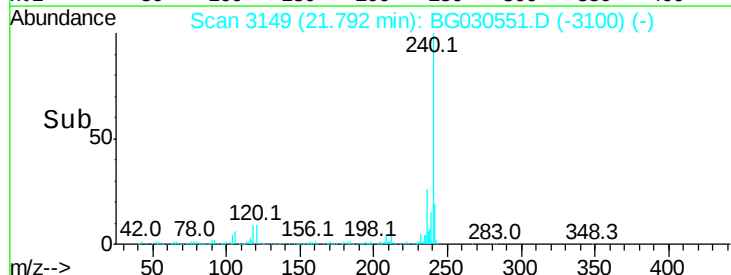
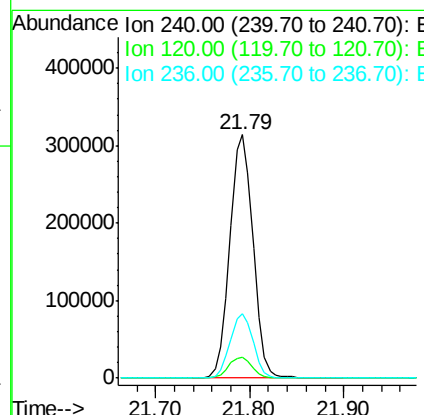
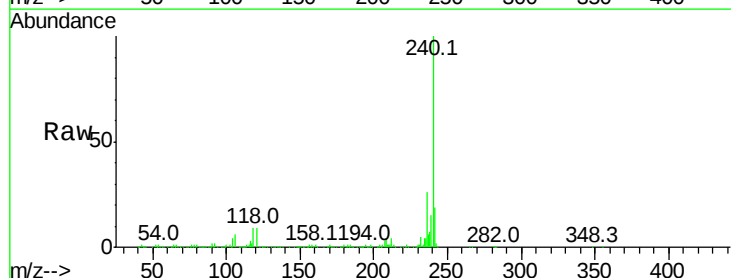
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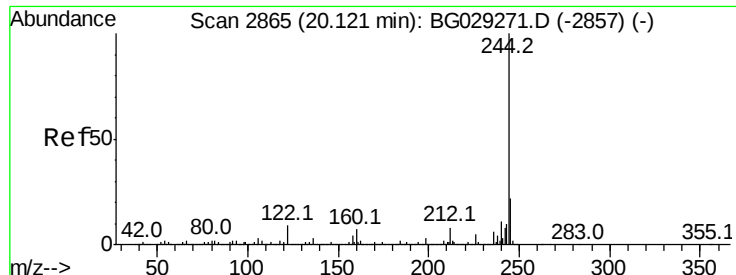
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#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.79 min Scan# 3149
 Delta R.T. -0.01 min
 Lab File: BG030551.D
 Acq: 29 Oct 2017 7:21

Tgt Ion	Ratio	Resp	Lower	Upper
240	100			
120	8.8	6.8	10.2	
236	26.5	20.9	31.3	





#78

Terphenyl-d14

Concen: 96.290 ng

RT: 20.11 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG030551.D

Acq: 29 Oct 2017 7:21

Instrument :

BNA_G

ClientSampleId :

WYANDANCH-STA(1-8)-COMP

Tot Ion:244 Resp: 2278638

Ion Ratio Lower Upper

244 100

212 9.2 5.8 8.8#

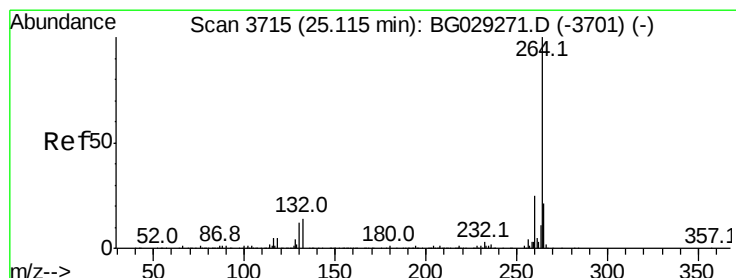
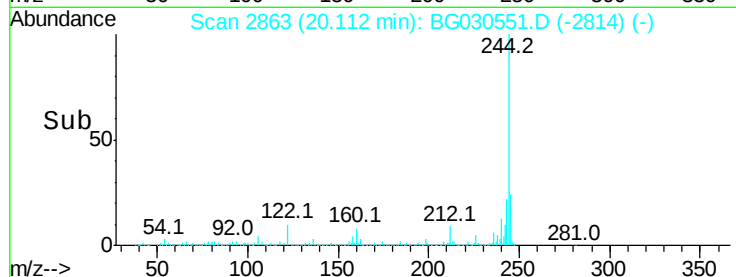
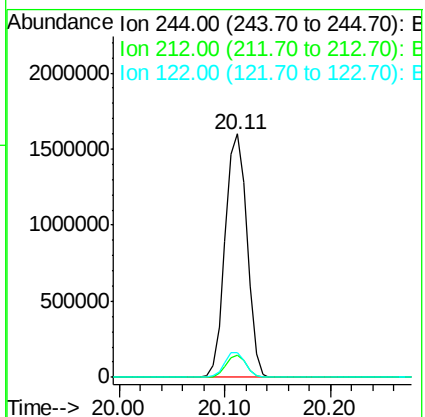
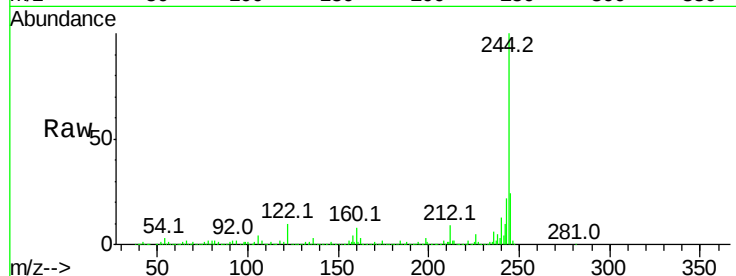
122 10.4 7.0 10.4

Manual Integrations

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#86

Perylene-d12

Concen: 20.000 ng

RT: 25.11 min Scan# 3713

Delta R.T. -0.01 min

Lab File: BG030551.D

Acq: 29 Oct 2017 7:21

Tgt Ion:264 Resp: 524182

Ion Ratio Lower Upper

264 100

260 25.2 17.4 26.0

265 20.8 17.7 26.5

