

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122117\
 Data File : BG031682.D
 Acq On : 21 Dec 2017 20:36
 Operator : SJ/JU
 Sample : I6961-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPE-108-1(65-67)

Manual Integrations
 APPROVED

Sohil
 12/22/2017 12:44:14 PM

Quant Time: Dec 22 04:04:54 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 14:09:19 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.83	152	52354m	20.00	ng	0.00
21) Naphthalene-d8	11.72	136	218057	20.00	ng	0.00
38) Acenaphthene-d10	15.46	164	151741	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	403125	20.00	ng	0.00
75) Chrysene-d12	22.56	240	469347	20.00	ng	0.00
86) Perylene-d12	26.35	264	490200	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.24	112	425421	148.00	ng	0.00
7) Phenol-d6	7.92	99	562144	150.63	ng	0.00
23) Nitrobenzene-d5	10.03	82	279051	96.63	ng	0.00
41) 2,4,6-Tribromophenol	16.94	330	362871	156.72	ng	0.00
44) 2-Fluorobiphenyl	14.09	172	1045070	86.44	ng	0.00
78) Terphenyl-d14	20.73	244	1784831	86.88	ng	0.00
Target Compounds						
10) Phenol	7.95	94	22554	5.986	ng	95
49) Dimethylphthalate	14.89	163	196073	14.668	ng	99

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

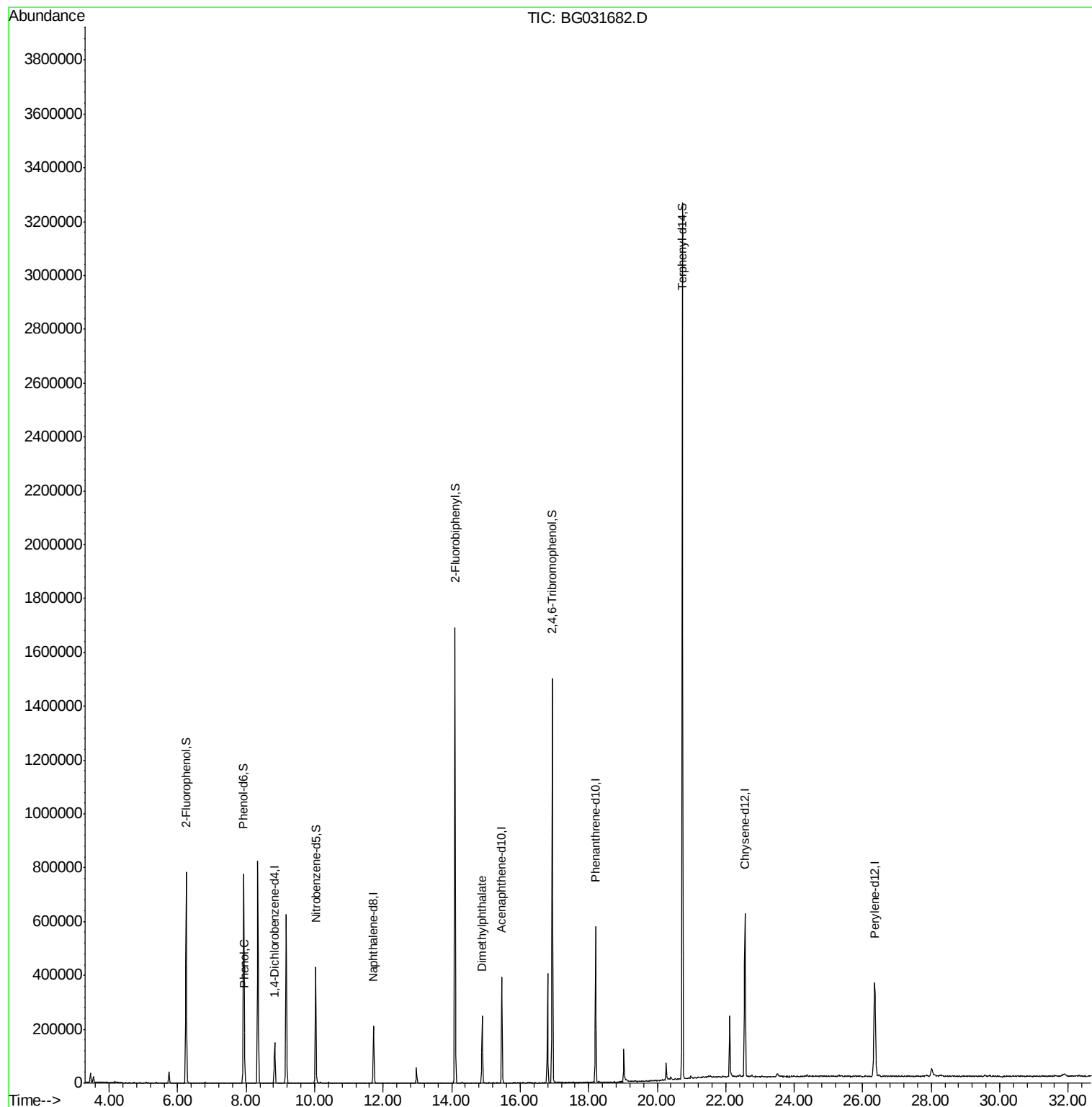
Data Path : Z:\HPCHEM1\BNA G\DATA\BG122117\
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#1

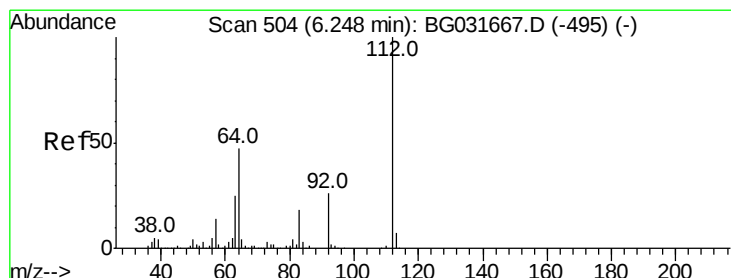
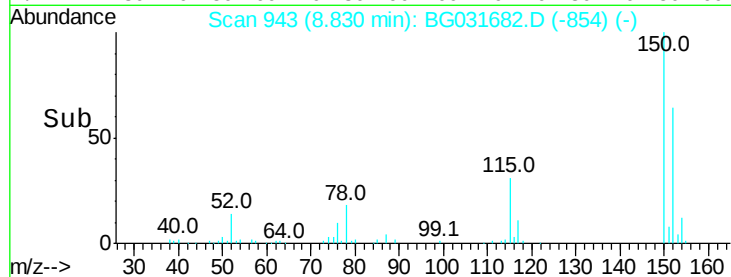
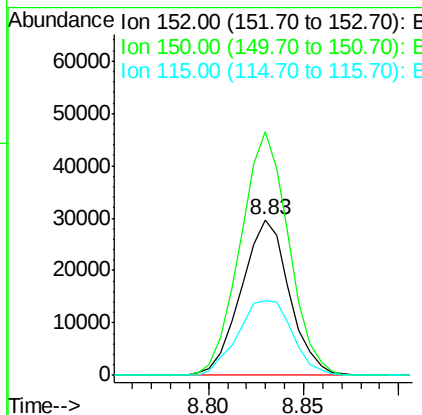
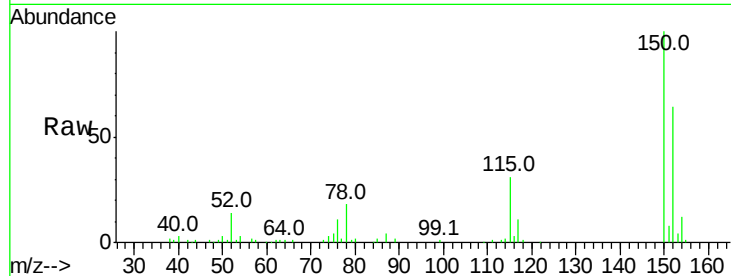
1,4-Dichlorobenzene-d4
Concen: 20.000 ng/ml
RT: 8.83 min Scan# 943
Delta R.T. -0.01 min
Lab File: BG031682.D
Acq: 21 Dec 2017 20:36

Instrument :
BNA_G
ClientSampleId :
EPE-108-1(65-67)

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	126.6	189.8
115	48.3	53.0	79.4

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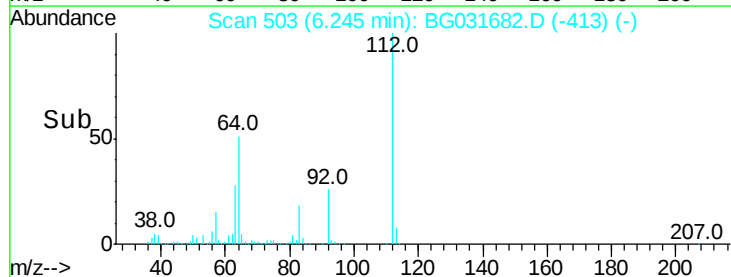
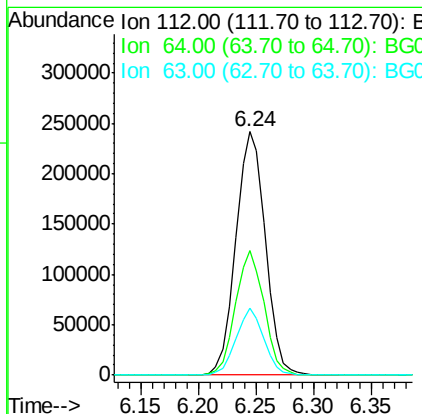
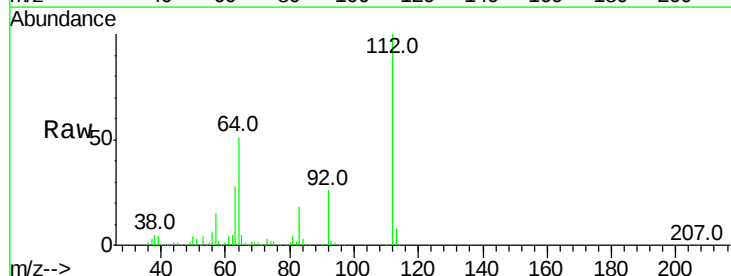
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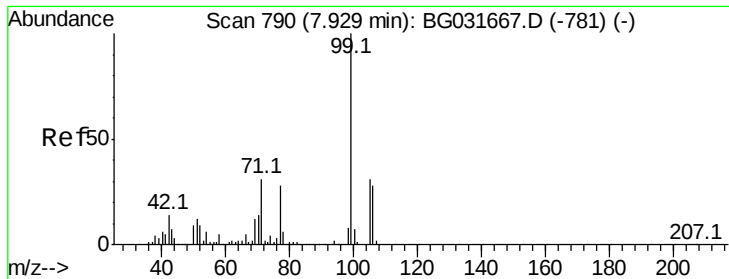


#5

2-Fluorophenol
Concen: 148.003 ng
RT: 6.24 min Scan# 503
Delta R.T. -0.00 min
Lab File: BG031682.D
Acq: 21 Dec 2017 20:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.4	56.3	84.5
63	27.5	30.1	45.1





#7

Phenol-d6

Concen: 150.631 ng

RT: 7.92 min Scan# 789

Delta R.T. -0.00 min

Lab File: BG031682.D

Acq: 21 Dec 2017 20:36

Instrument :

BNA_G

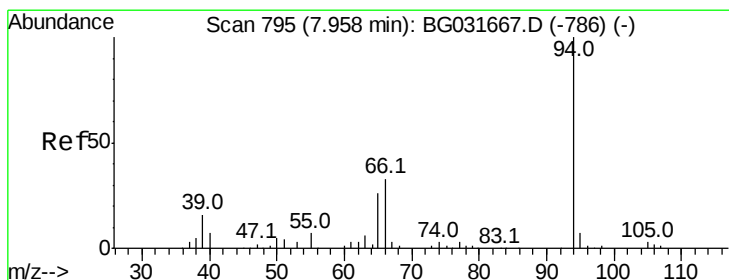
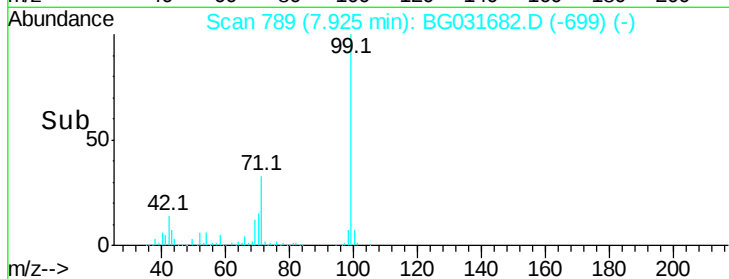
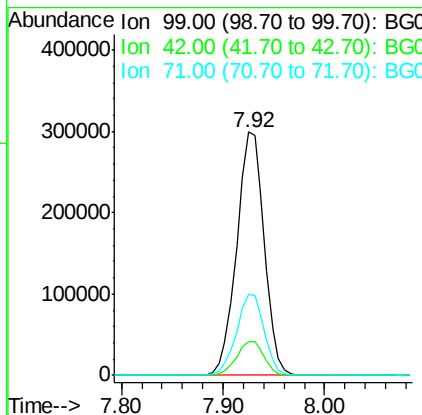
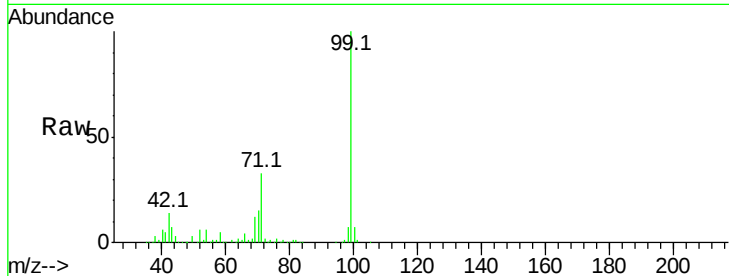
ClientSampleId :

EPE-108-1(65-67)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		562144		
42	13.8	14.1	21.1#		
71	33.1	26.1	39.1		

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#10

Phenol

Concen: 5.986 ng

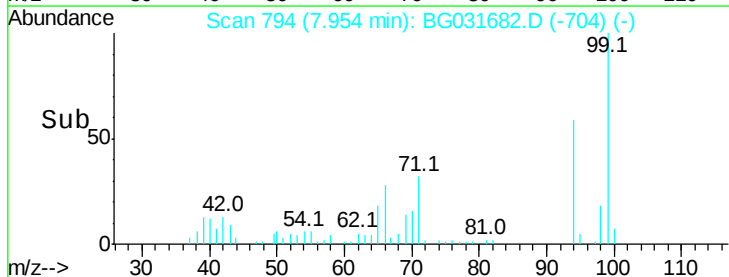
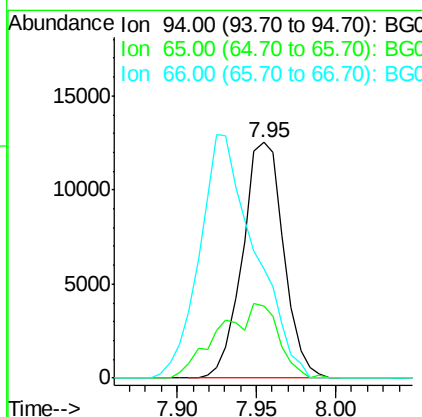
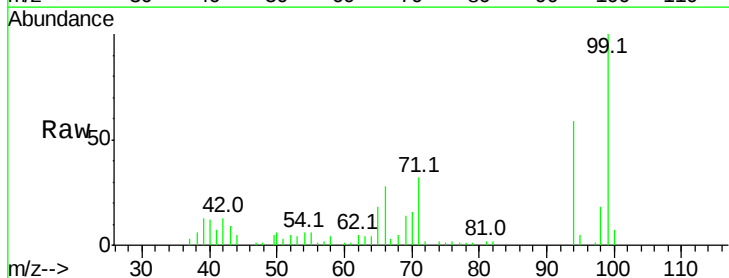
RT: 7.95 min Scan# 794

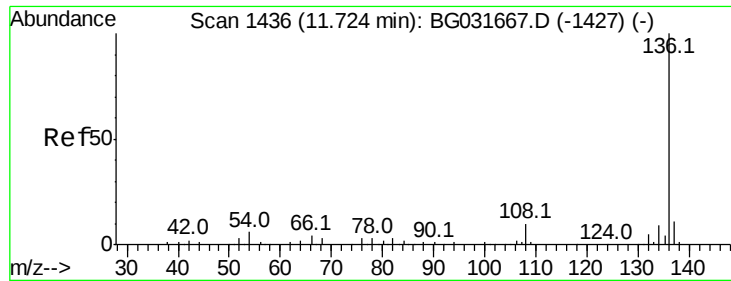
Delta R.T. -0.00 min

Lab File: BG031682.D

Acq: 21 Dec 2017 20:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100		22554		
65	30.4	11.9	51.9		
66	46.3	22.2	62.2		





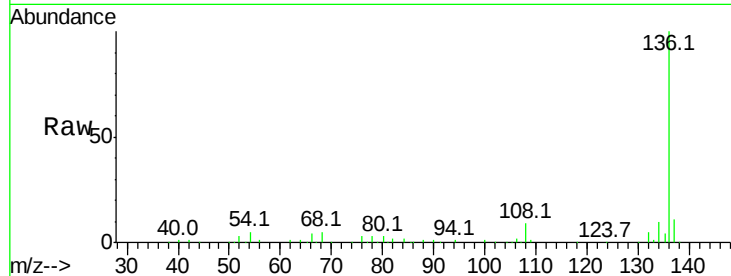
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.72 min Scan# 1435
Delta R.T. -0.00 min
Lab File: BG031682.D
Acq: 21 Dec 2017 20:36

Instrument :
BNA_G
ClientSampleId :
EPE-108-1(65-67)

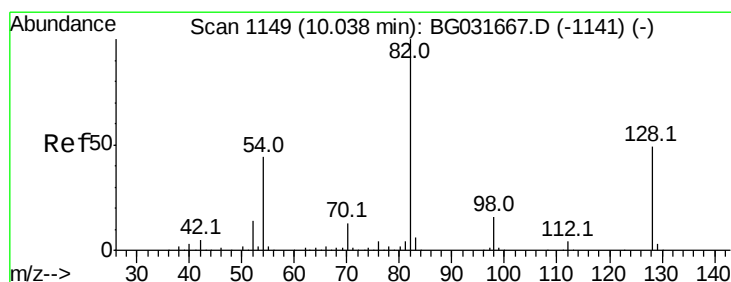
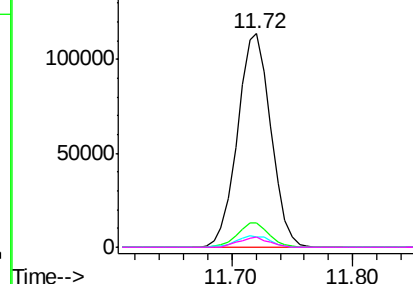
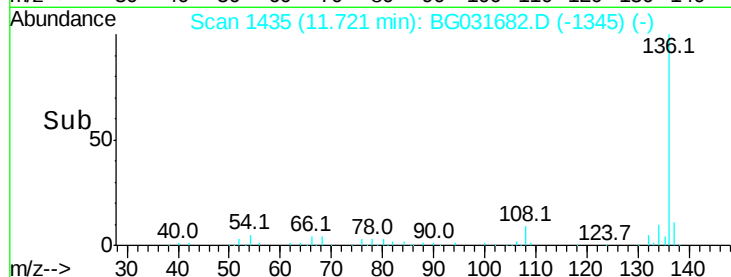
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.4	9.2	13.8	
54	5.1	10.3	15.5#	
68	4.6	4.5	6.7	

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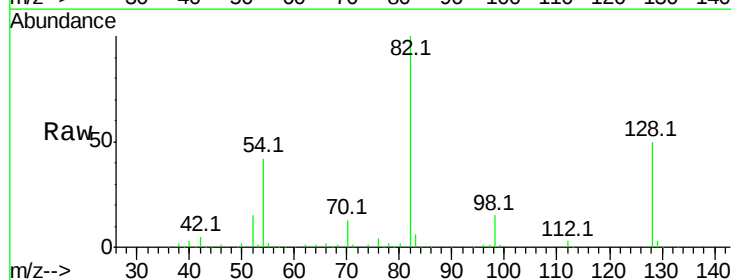


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

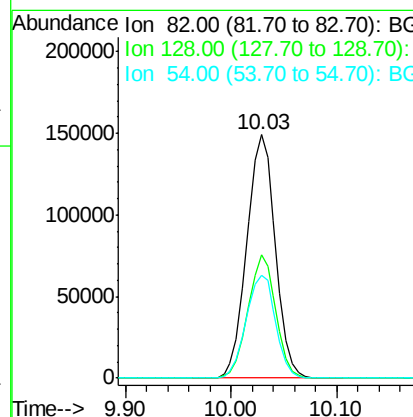
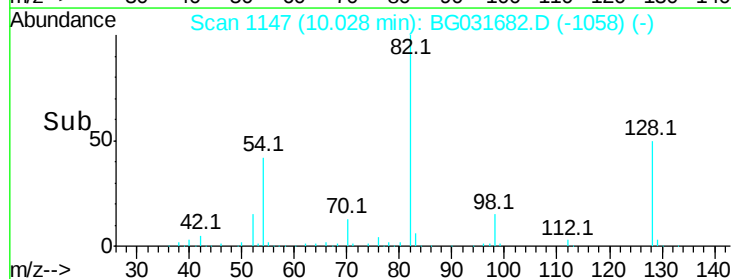


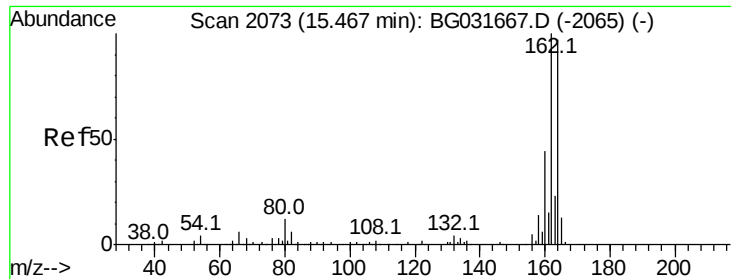
#23
Nitrobenzene-d5
Concen: 96.634 ng
RT: 10.03 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BG031682.D
Acq: 21 Dec 2017 20:36

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	50.4	29.7	44.5#	
54	42.3	43.1	64.7#	



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC





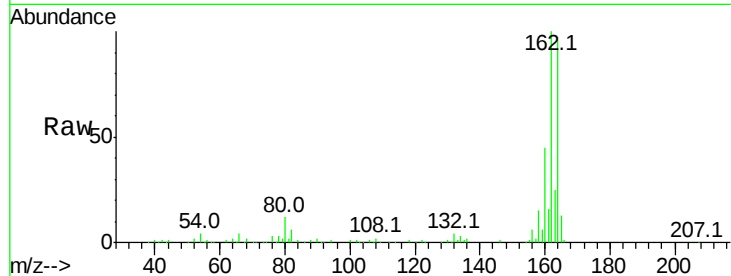
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.46 min Scan# 2072
Delta R.T. -0.00 min
Lab File: BG031682.D
Acq: 21 Dec 2017 20:36

Instrument :
BNA_G
ClientSampled :
EPE-108-1(65-67)

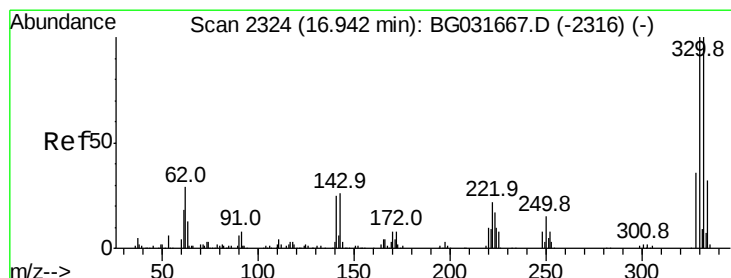
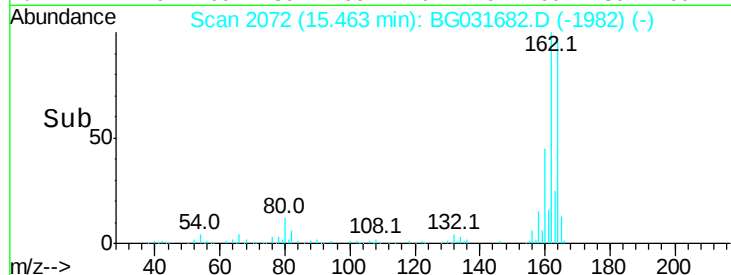
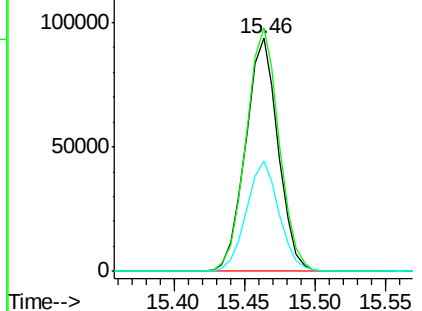
Tot Ion	Ratio	Resp	Lower	Upper
164	100	151741		
162	104.5	78.8	118.2	
160	47.4	35.4	53.0	

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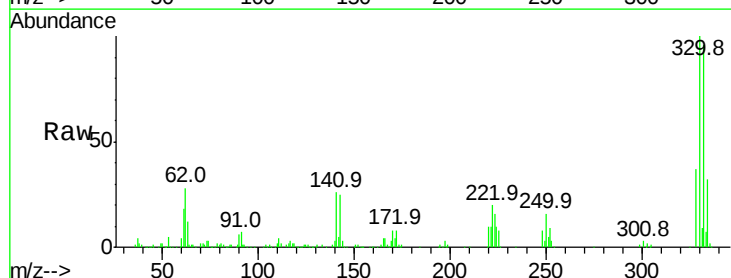


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

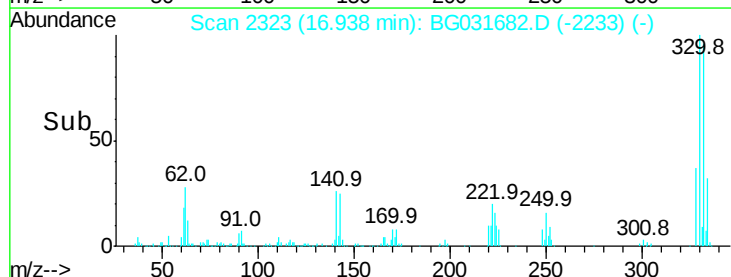
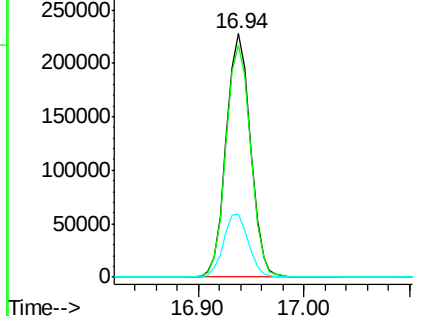


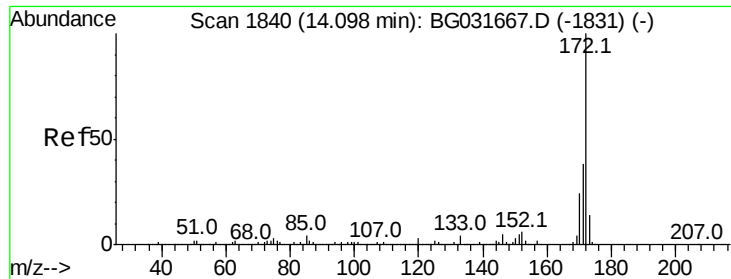
#41
2,4,6-Tribromophenol
Concen: 156.724 ng
RT: 16.94 min Scan# 2323
Delta R.T. -0.00 min
Lab File: BG031682.D
Acq: 21 Dec 2017 20:36

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	362871		
332	96.6	77.0	115.6	
141	26.5	25.2	37.8	



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





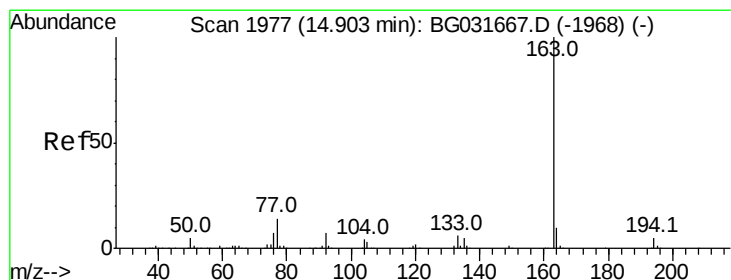
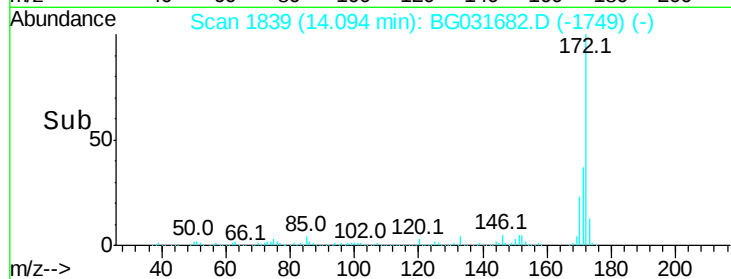
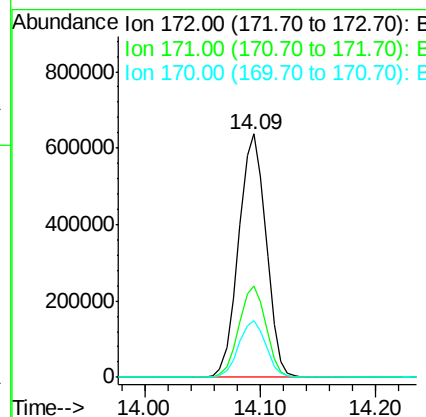
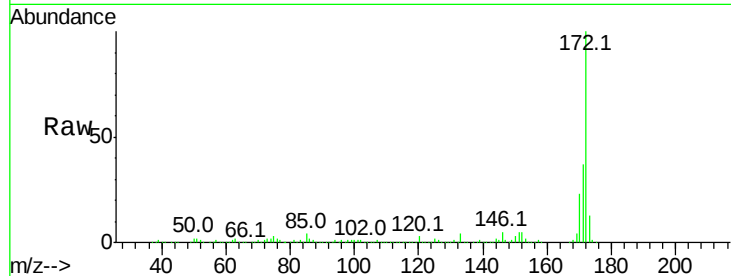
#44
2-Fluorobiphenyl
Concen: 86.444 ng
RT: 14.09 min Scan# 1839
Delta R.T. -0.00 min
Lab File: BG031682.D
Acq: 21 Dec 2017 20:36

Instrument :
BNA_G
ClientSampleId :
EPE-108-1(65-67)

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.0	45.0
170	23.5	19.5	29.3

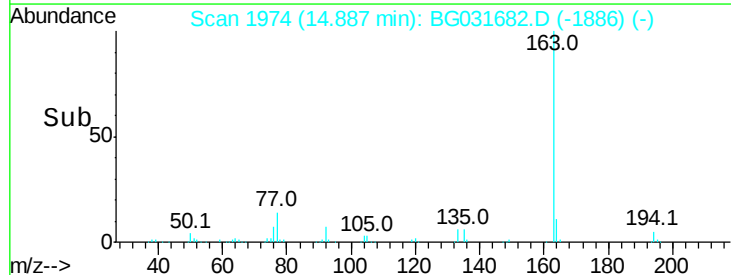
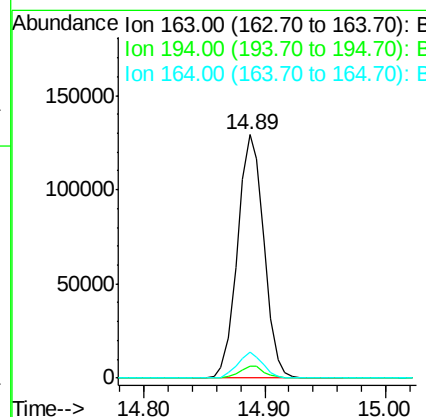
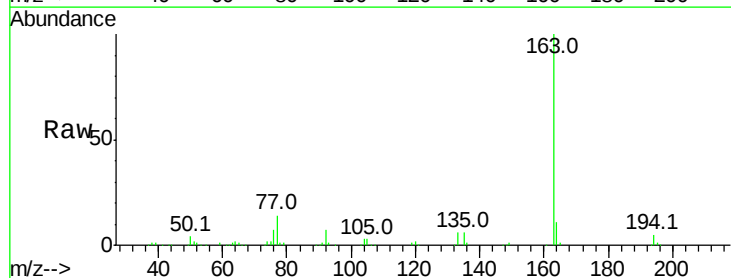
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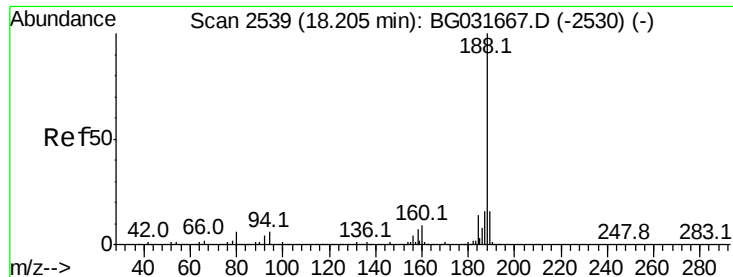
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#49
Dimethylphthalate
Concen: 14.668 ng
RT: 14.89 min Scan# 1974
Delta R.T. -0.02 min
Lab File: BG031682.D
Acq: 21 Dec 2017 20:36

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.1	3.4	5.2
164	10.6	8.2	12.4





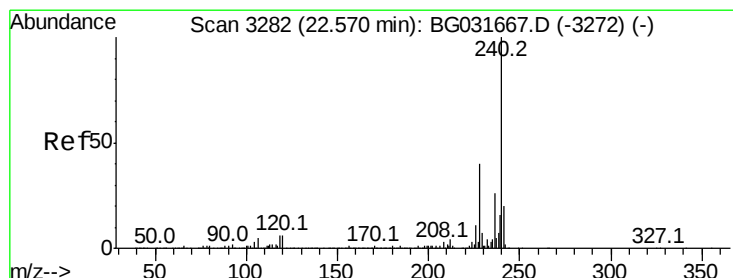
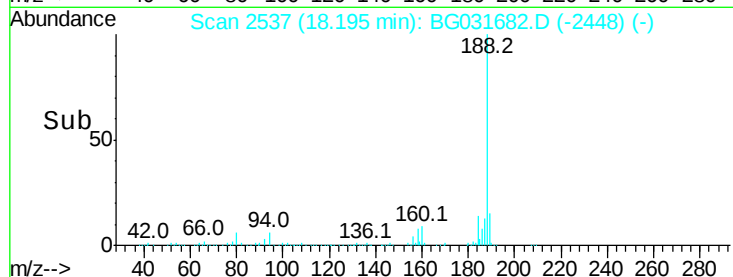
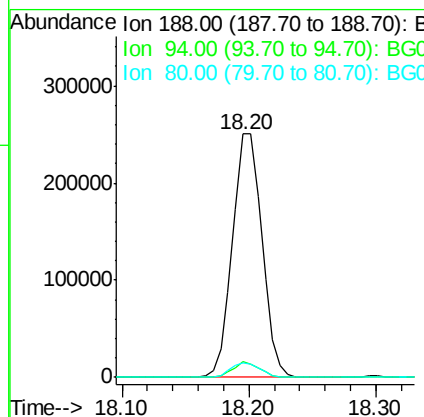
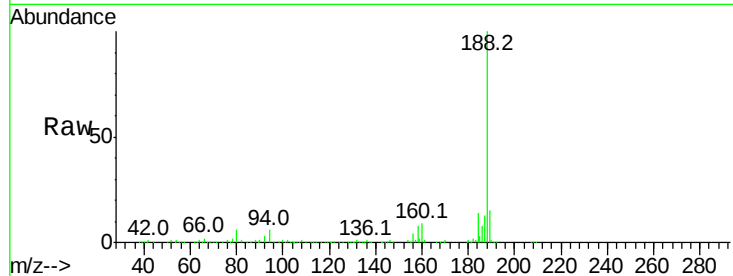
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.20 min Scan# 2537
Delta R.T. -0.01 min
Lab File: BG031682.D
Acq: 21 Dec 2017 20:36

Instrument :
BNA_G
ClientSampleId :
EPE-108-1(65-67)

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	6.2	6.9	10.3#
80	5.8	7.7	11.5#

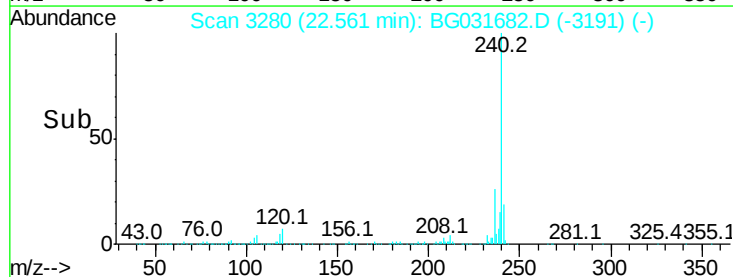
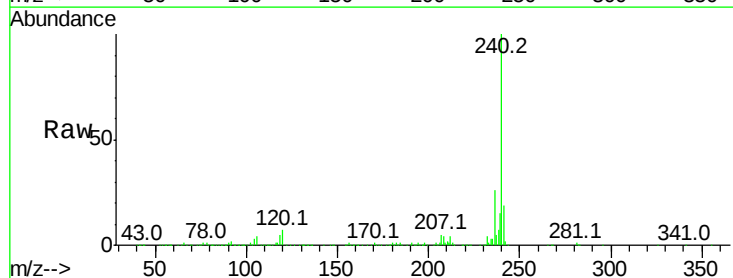
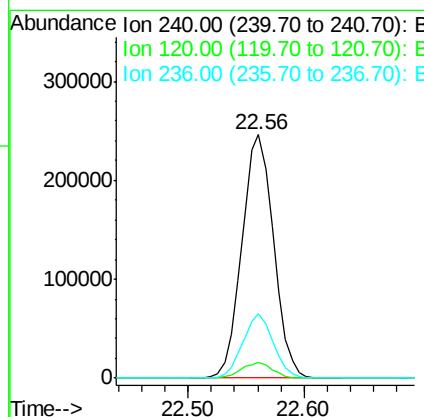
Manual Integrations
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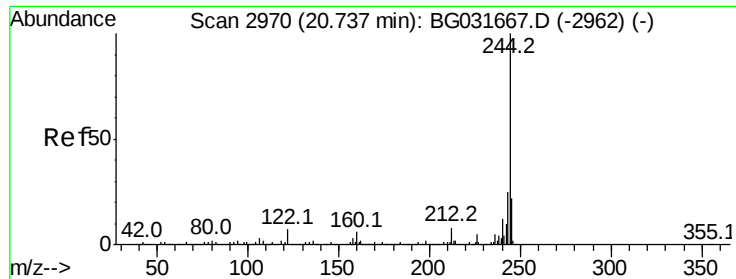
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.56 min Scan# 3280
Delta R.T. -0.01 min
Lab File: BG031682.D
Acq: 21 Dec 2017 20:36

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	6.5	6.8	10.2#
236	26.3	20.9	31.3





#78

Terphenyl-d14

Concen: 86.881 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BG031682.D

Acq: 21 Dec 2017 20:36

Instrument :

BNA_G

ClientSampleId :

EPE-108-1(65-67)

Tot Ion:244 Resp: 1784831

Ion Ratio Lower Upper

244 100

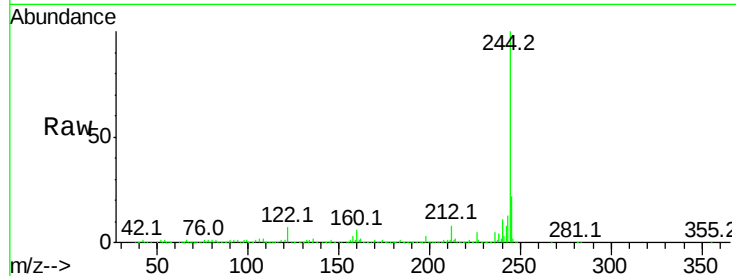
212 7.7 5.8 8.8

122 7.5 7.0 10.4

Manual Integrations
APPROVED

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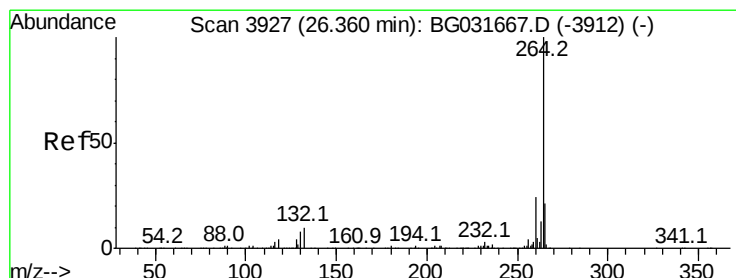
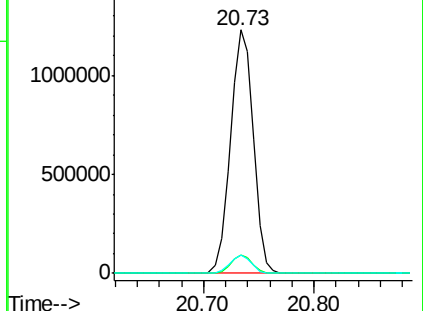
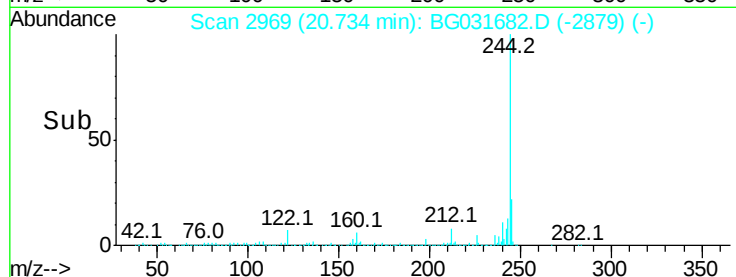
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 26.35 min Scan# 3925

Delta R.T. -0.01 min

Lab File: BG031682.D

Acq: 21 Dec 2017 20:36

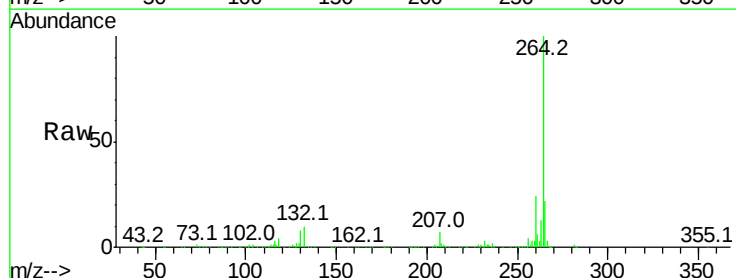
Tgt Ion:264 Resp: 490200

Ion Ratio Lower Upper

264 100

260 23.9 17.4 26.0

265 22.0 17.7 26.5



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

