

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122117\
 Data File : BG031688.D
 Acq On : 22 Dec 2017 00:21
 Operator : SJ/JU
 Sample : I7002-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPE-106-3DS(20-30)

Manual Integrations
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 12/22/2017 12:44:18 PM

Quant Time: Dec 22 04:29:28 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	49233m	20.00	ng	-0.01
21) Naphthalene-d8	11.72	136	207100	20.00	ng	0.00
38) Acenaphthene-d10	15.46	164	145158	20.00	ng	0.00
63) Phenanthrene-d10	18.19	188	393341	20.00	ng	-0.01
75) Chrysene-d12	22.55	240	470980	20.00	ng	-0.02
86) Perylene-d12	26.34	264	496732	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.24	112	344498	127.45	ng	0.00
7) Phenol-d6	7.92	99	445749	127.01	ng	0.00
23) Nitrobenzene-d5	10.03	82	226913	82.74	ng	-0.01
41) 2,4,6-Tribromophenol	16.94	330	295390	133.36	ng	0.00
44) 2-Fluorobiphenyl	14.09	172	805936	69.69	ng	0.00
78) Terphenyl-d14	20.73	244	1463187	70.98	ng	0.00
Target Compounds						
10) Phenol	7.95	94	14438	4.075	ng	93
49) Dimethylphthalate	14.89	163	71150	5.564	ng	99

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

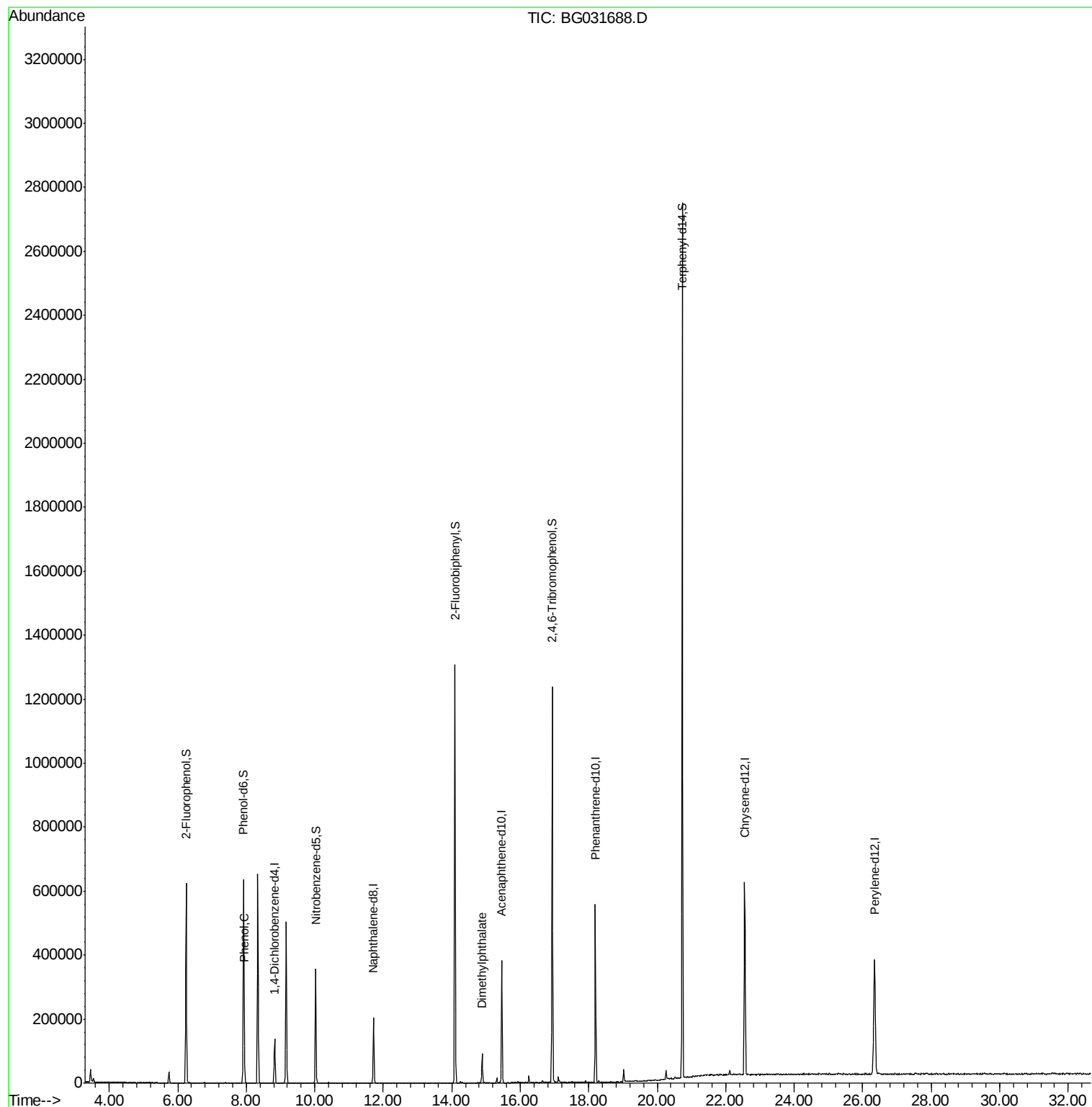
Data Path : Z:\HPCHEM1\BNA G\DATA\BG122117\
Data File : BG031688.D
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Operator : SJ/JU
Sample : I7002-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

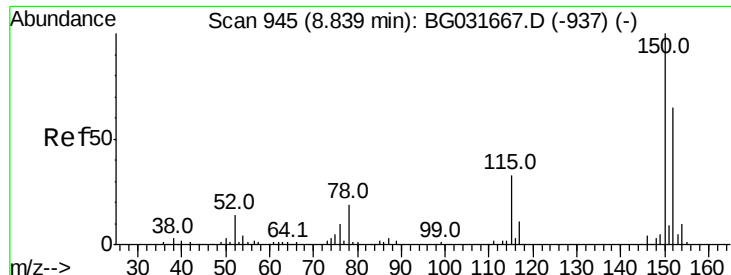
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#1

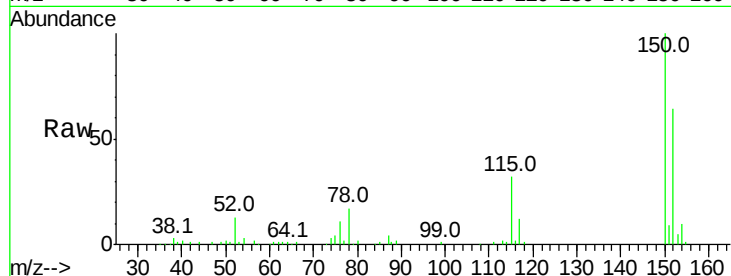
1,4-Dichlorobenzene-d4
Concen: 20.000 ng/ml
RT: 8.83 min Scan# 943
Delta R.T. -0.01 min
Lab File: BG031688.D
Acq: 22 Dec 2017 00:21

Instrument :
BNA_G
ClientSampleId :
EPE-106-3DS(20-30)

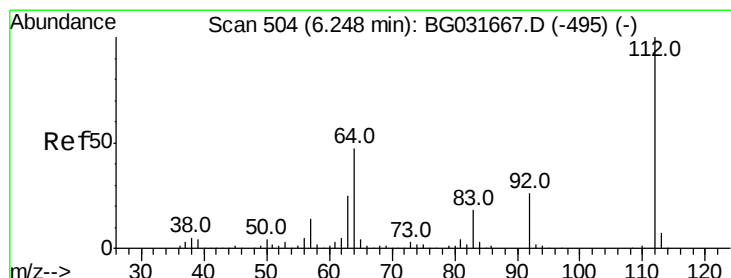
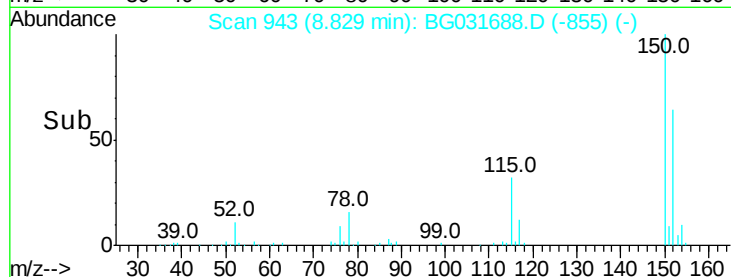
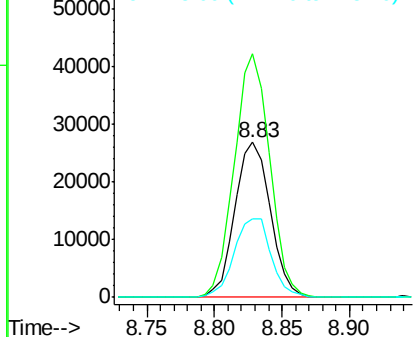
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	126.6	189.8
115	50.3	53.0	79.4

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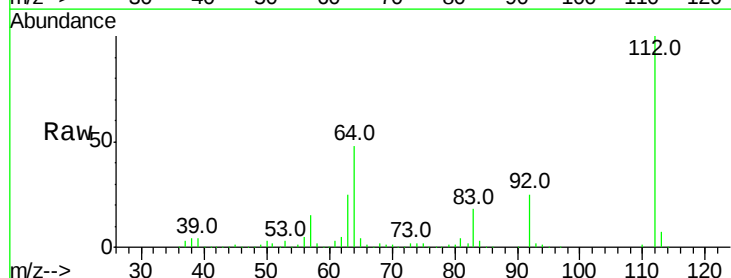
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



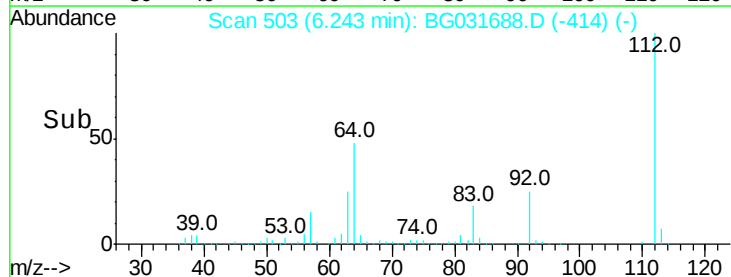
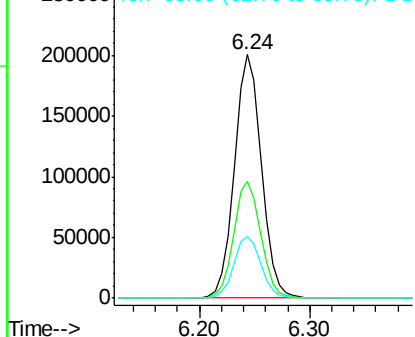
#5

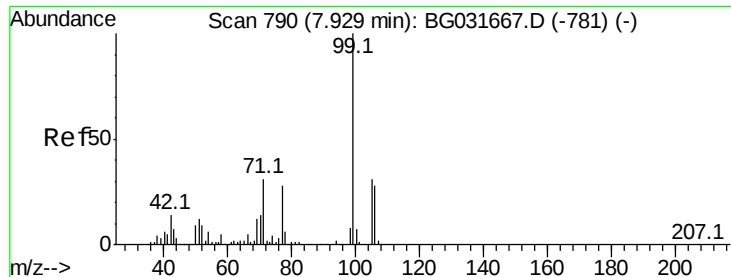
2-Fluorophenol
Concen: 127.448 ng
RT: 6.24 min Scan# 503
Delta R.T. -0.00 min
Lab File: BG031688.D
Acq: 22 Dec 2017 00:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	48.2	56.3	84.5
63	25.4	30.1	45.1



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





#7

Phenol-d6

Concen: 127.014 ng

RT: 7.92 min Scan# 789

Delta R.T. -0.00 min

Lab File: BG031688.D

Acq: 22 Dec 2017 00:21

Instrument :

BNA_G

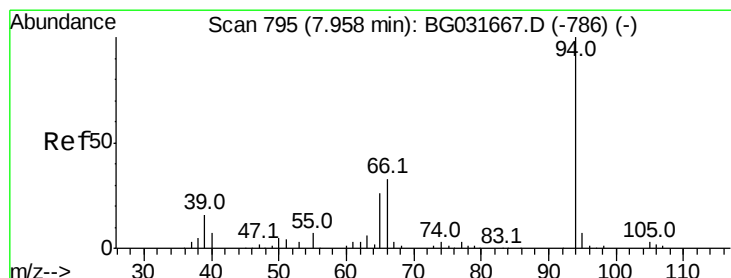
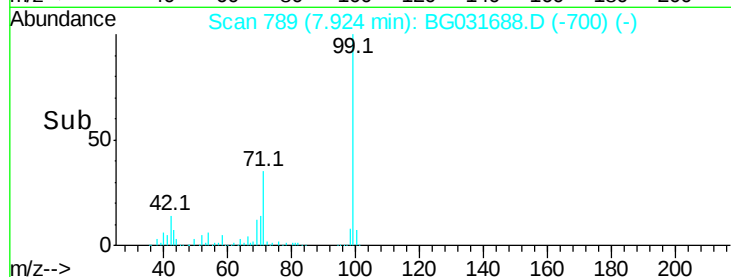
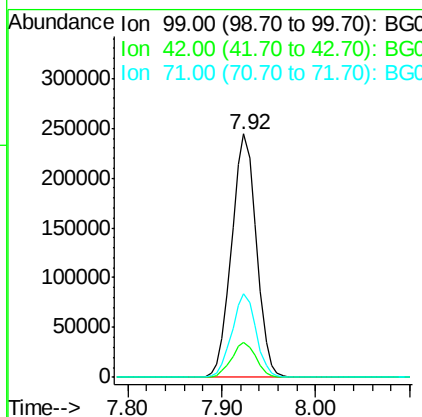
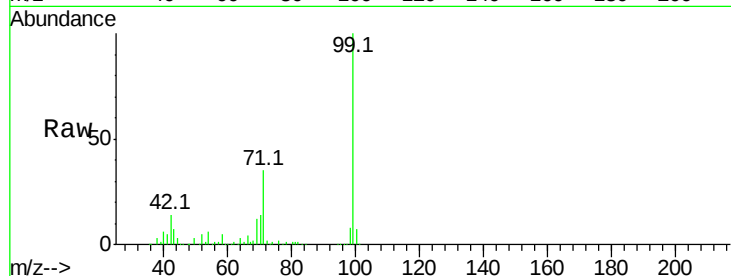
ClientSampleId :

EPE-106-3DS(20-30)

Tot Ion:	99	Resp:	445749
Ion Ratio	Lower	Upper	
99	100		
42	14.1	14.1	21.1
71	34.6	26.1	39.1

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#10

Phenol

Concen: 4.075 ng

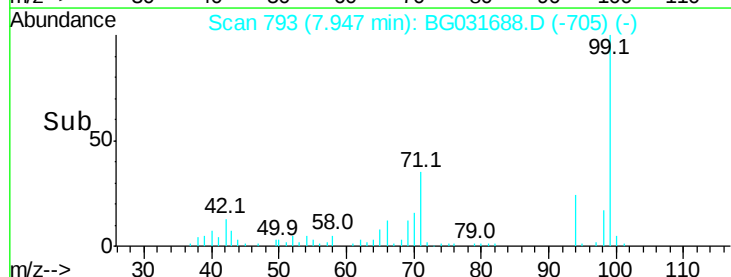
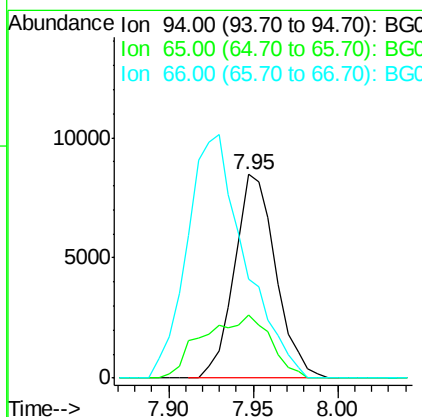
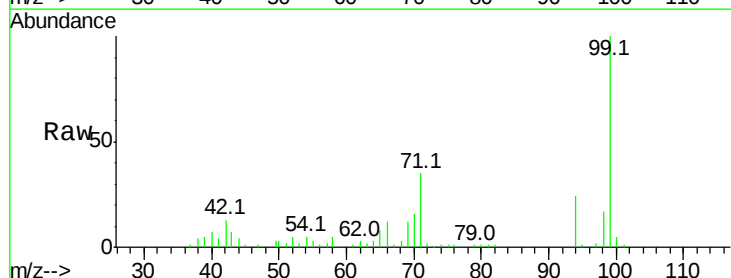
RT: 7.95 min Scan# 793

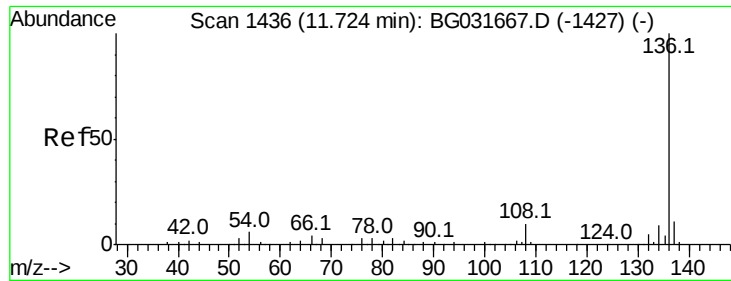
Delta R.T. -0.01 min

Lab File: BG031688.D

Acq: 22 Dec 2017 00:21

Tgt Ion:	94	Resp:	14438
Ion Ratio	Lower	Upper	
94	100		
65	31.3	11.9	51.9
66	48.9	22.2	62.2





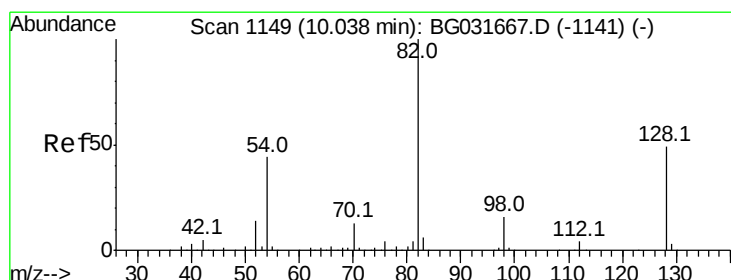
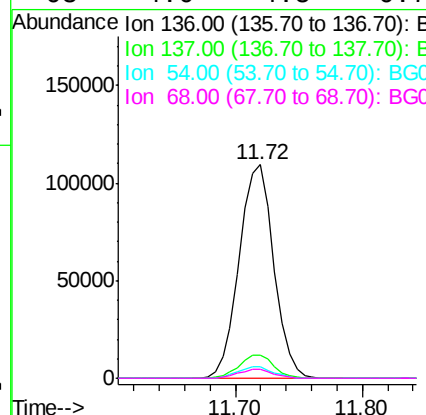
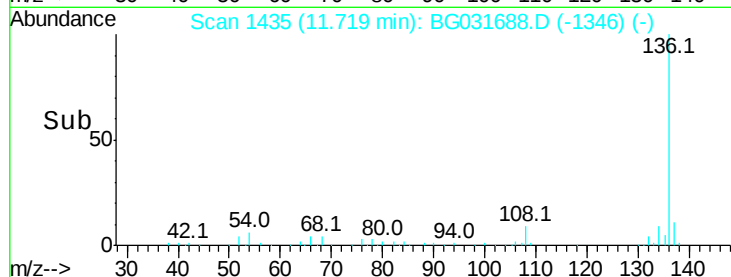
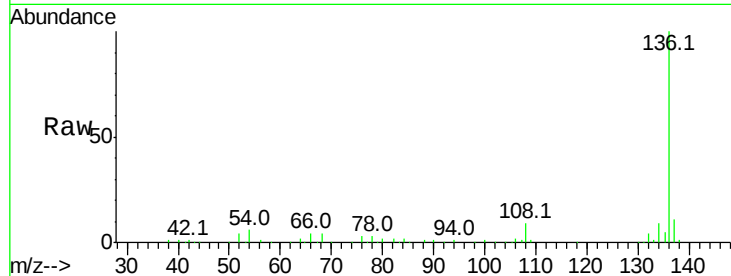
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.72 min Scan# 1435
Delta R.T. -0.00 min
Lab File: BG031688.D
Acq: 22 Dec 2017 00:21

Instrument :
BNA_G
ClientSampleId :
EPE-106-3DS(20-30)

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.5	9.2	13.8
54	5.6	10.3	15.5#
68	4.0	4.5	6.7#

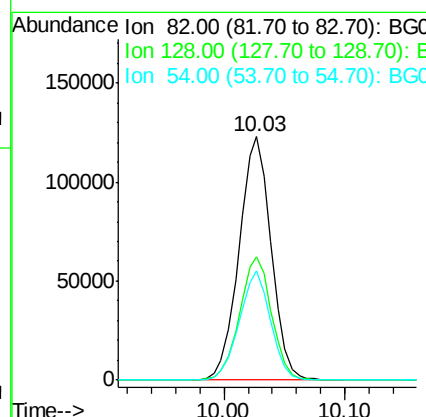
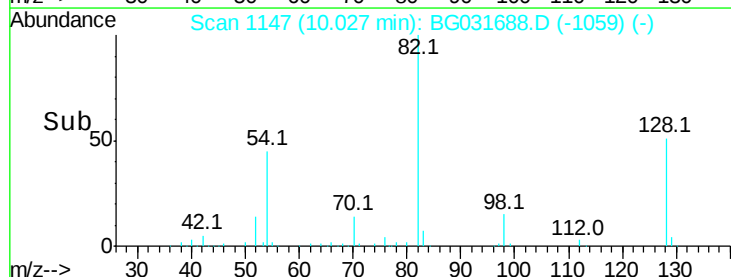
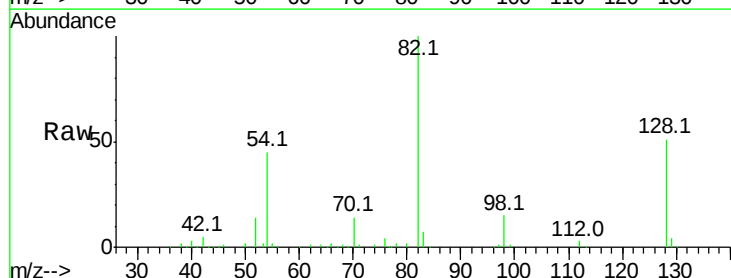
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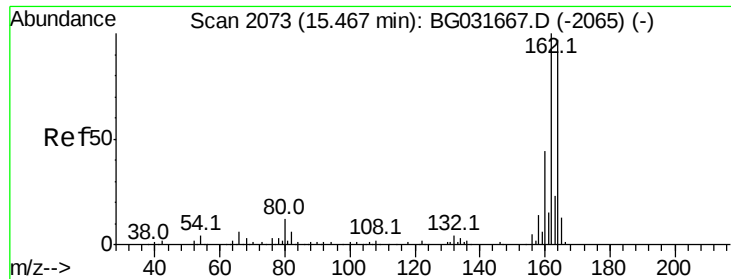
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#23
Nitrobenzene-d5
Concen: 82.736 ng
RT: 10.03 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BG031688.D
Acq: 22 Dec 2017 00:21

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	50.6	29.7	44.5#
54	45.0	43.1	64.7





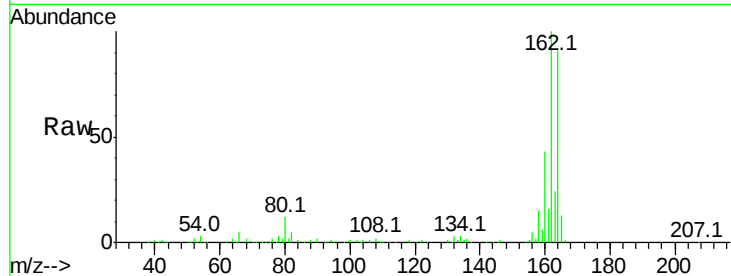
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.46 min Scan# 2072
Delta R.T. -0.00 min
Lab File: BG031688.D
Acq: 22 Dec 2017 00:21

Instrument :
BNA_G
ClientSampleId :
EPE-106-3DS(20-30)

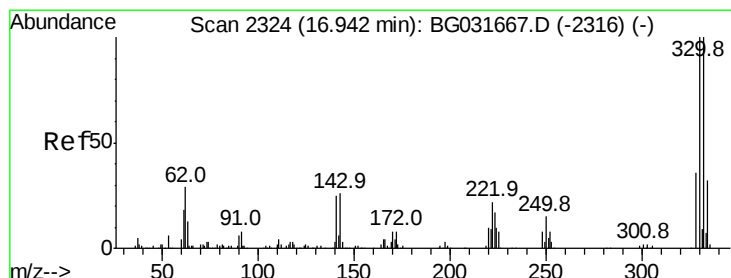
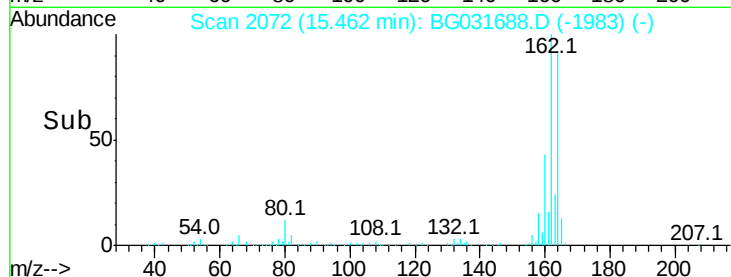
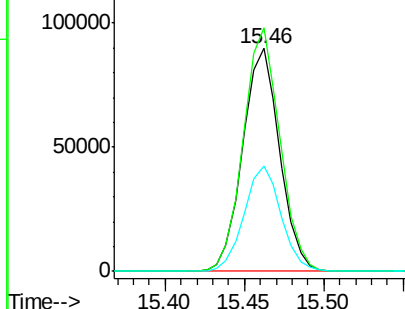
Tot Ion	Ratio	Resp	Lower	Upper
164	100	145158		
162	109.4	78.8	118.2	
160	47.1	35.4	53.0	

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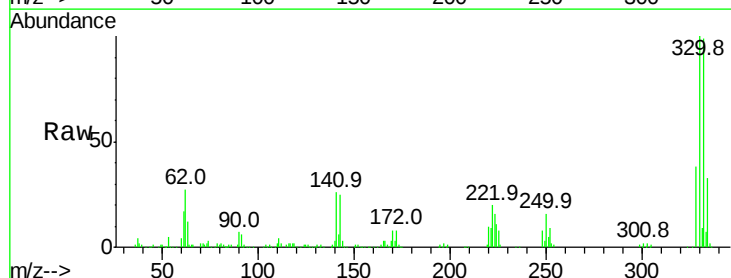


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

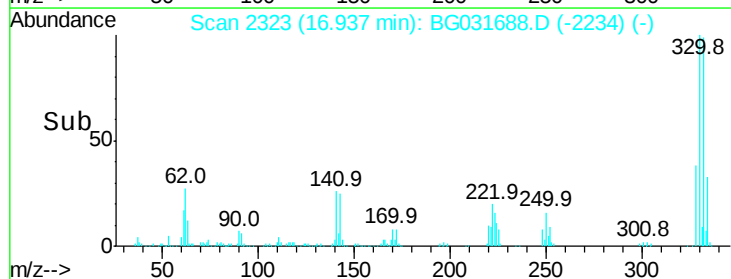
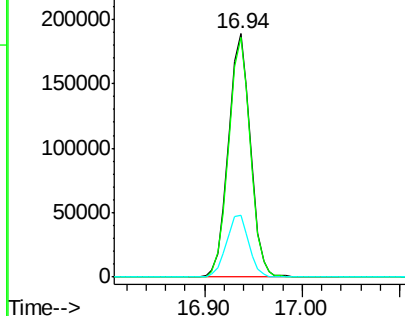


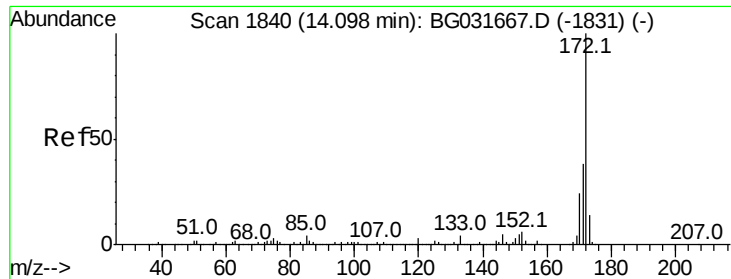
#41
2,4,6-Tribromophenol
Concen: 133.364 ng
RT: 16.94 min Scan# 2323
Delta R.T. -0.00 min
Lab File: BG031688.D
Acq: 22 Dec 2017 00:21

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	295390		
332	97.2	77.0	115.6	
141	26.1	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





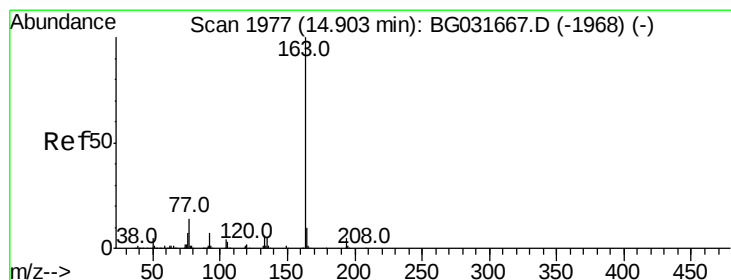
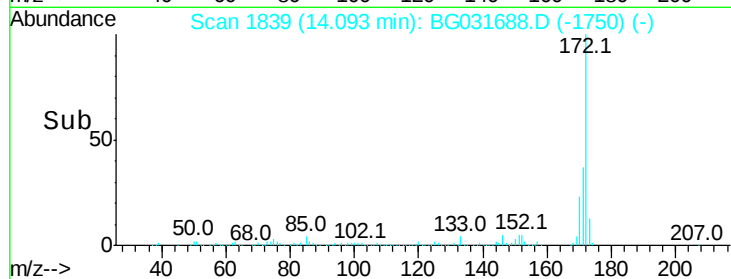
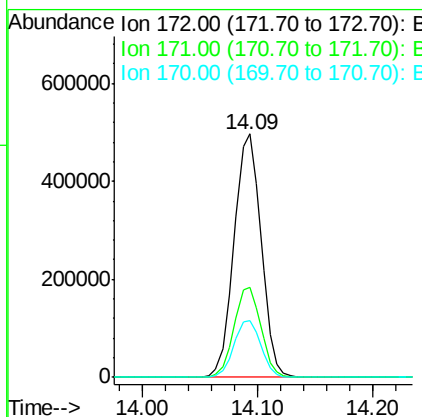
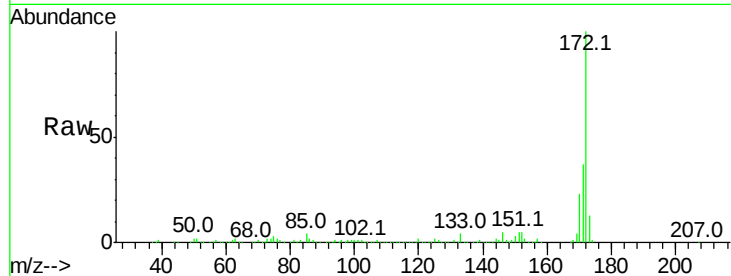
#44
 2-Fluorobiphenyl
 Concen: 69.687 ng
 RT: 14.09 min Scan# 1839
 Delta R.T. -0.00 min
 Lab File: BG031688.D
 Acq: 22 Dec 2017 00:21

Instrument :
 BNA_G
 ClientSampleId :
 EPE-106-3DS(20-30)

Tot Ion	Ratio	Resp	Lower	Upper
172	100	805936		
171	36.9		30.0	45.0
170	23.3		19.5	29.3

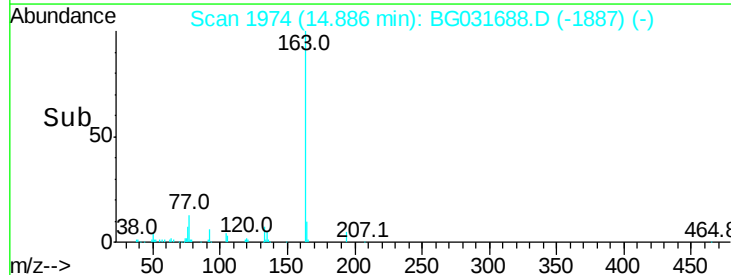
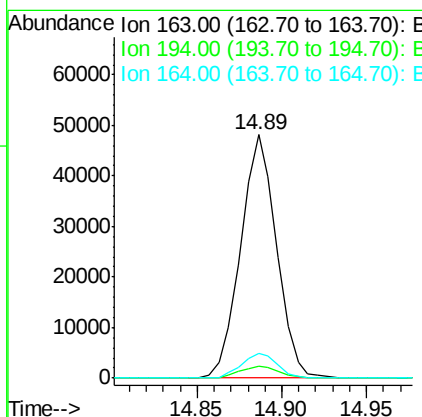
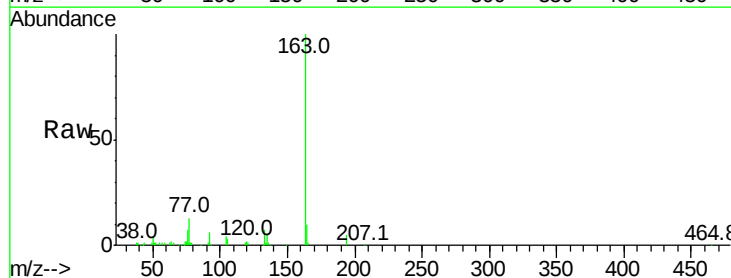
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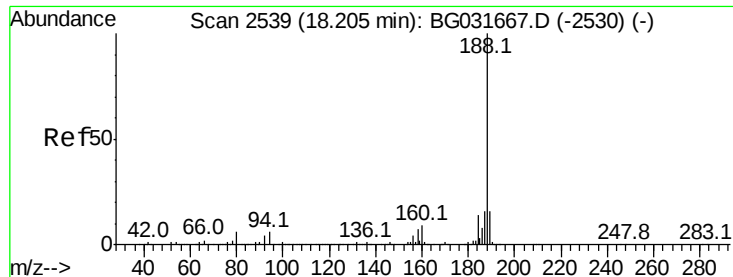
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#49
 Dimethylphthalate
 Concen: 5.564 ng
 RT: 14.89 min Scan# 1974
 Delta R.T. -0.02 min
 Lab File: BG031688.D
 Acq: 22 Dec 2017 00:21

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	71150		
194	5.0		3.4	5.2
164	10.1		8.2	12.4





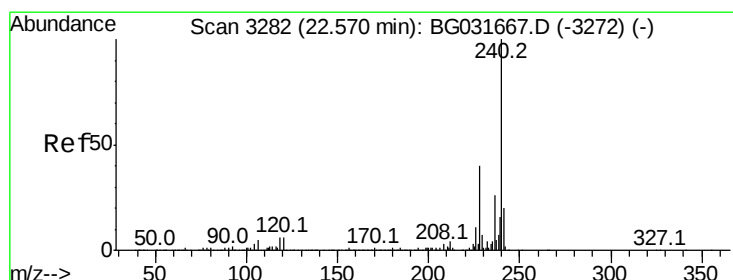
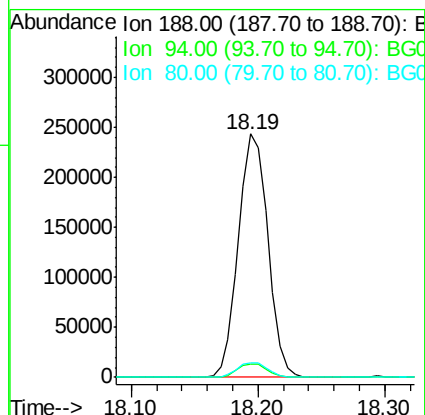
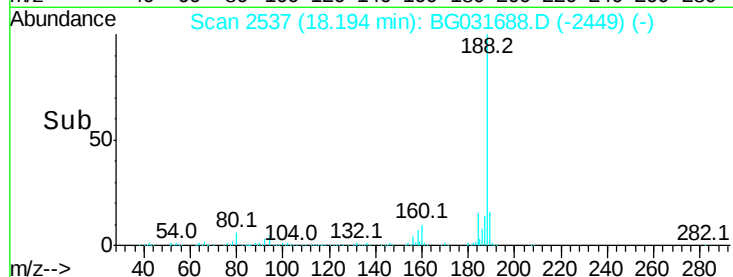
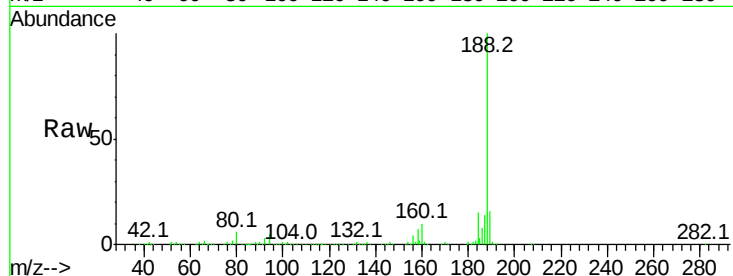
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.19 min Scan# 2537
Delta R.T. -0.01 min
Lab File: BG031688.D
Acq: 22 Dec 2017 00:21

Instrument :
BNA_G
ClientSampleId :
EPE-106-3DS(20-30)

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	5.4	6.9	10.3#
80	6.0	7.7	11.5#

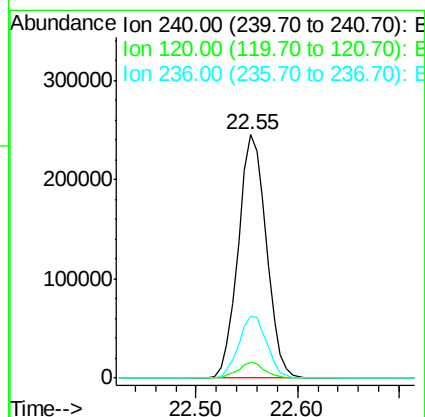
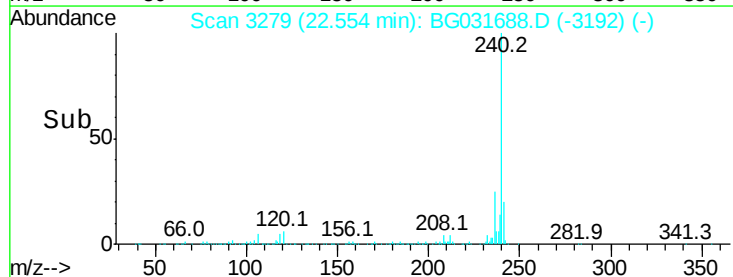
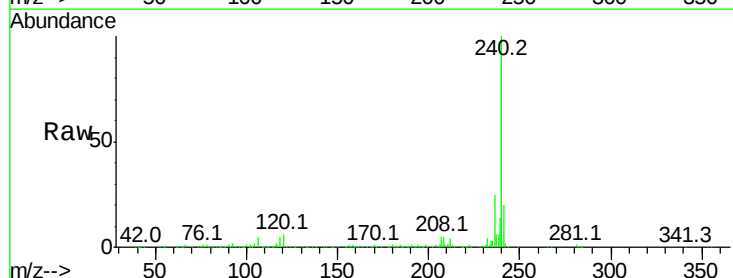
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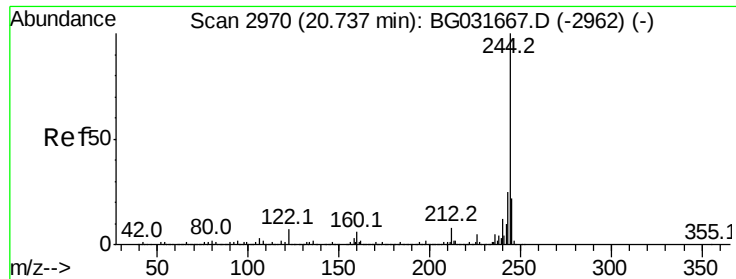
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3279
Delta R.T. -0.02 min
Lab File: BG031688.D
Acq: 22 Dec 2017 00:21

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	6.3	6.8	10.2#
236	25.5	20.9	31.3





#78

Terphenyl-d14

Concen: 70.977 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BG031688.D

Acq: 22 Dec 2017 00:21

Instrument :

BNA_G

ClientSampleId :

EPE-106-3DS(20-30)

Tot Ion:244 Resp: 1463187

Ion Ratio Lower Upper

244 100

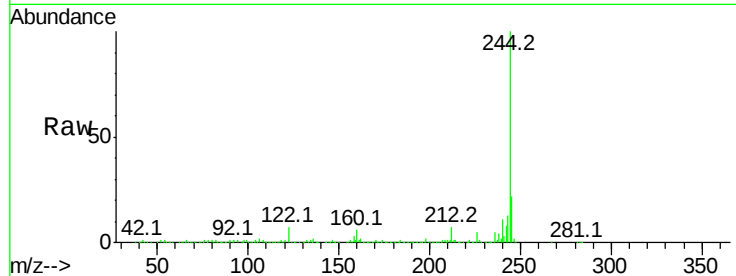
212 7.2 5.8 8.8

122 6.8 7.0 10.4#

Manual Integrations
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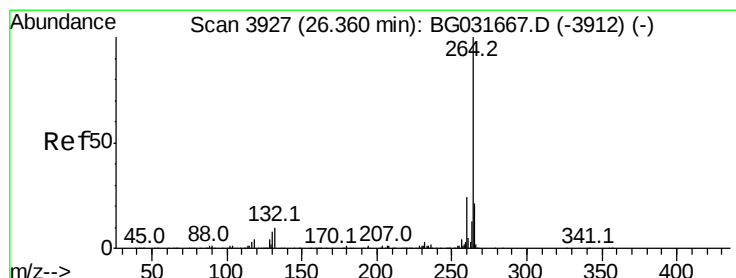
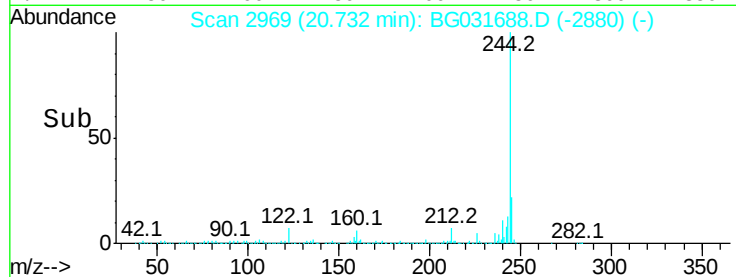
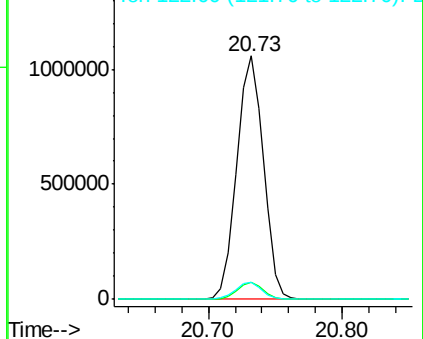
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Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.34 min Scan# 3924

Delta R.T. -0.02 min

Lab File: BG031688.D

Acq: 22 Dec 2017 00:21

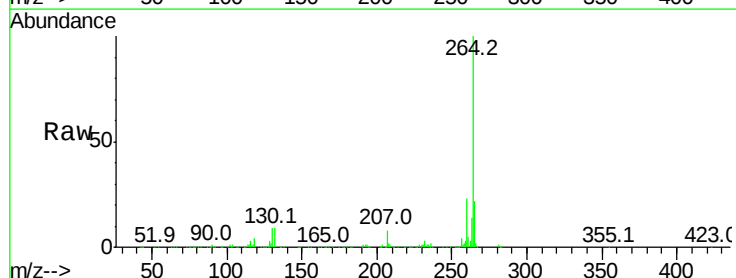
Tgt Ion:264 Resp: 496732

Ion Ratio Lower Upper

264 100

260 23.1 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

