

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112217\
 Data File : BG031212.D
 Acq On : 23 Nov 2017 6:21
 Operator : SJ/JU
 Sample : I6305-14
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PL-02-112017-B

Manual Integrations
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Quant Time: Nov 23 23:39:31 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	58473	20.00	ng	-0.02
21) Naphthalene-d8	10.95	136	247440	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	162007	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	429530	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	542626	20.00	ng	-0.02
86) Perylene-d12	25.07	264	528422	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	456856	133.98	ng	-0.01
7) Phenol-d6	7.30	99	524233	114.11	ng	0.00
23) Nitrobenzene-d5	9.30	82	391508	93.76	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	329018	125.54	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	1113492	98.76	ng	-0.02
78) Terphenyl-d14	20.09	244	2151677	87.56	ng	-0.01
Target Compounds						
70) Phenanthrene	17.54	178	70530	3.154	ng	97
72) Carbazole	17.90	167	91779	4.371	ng	99

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

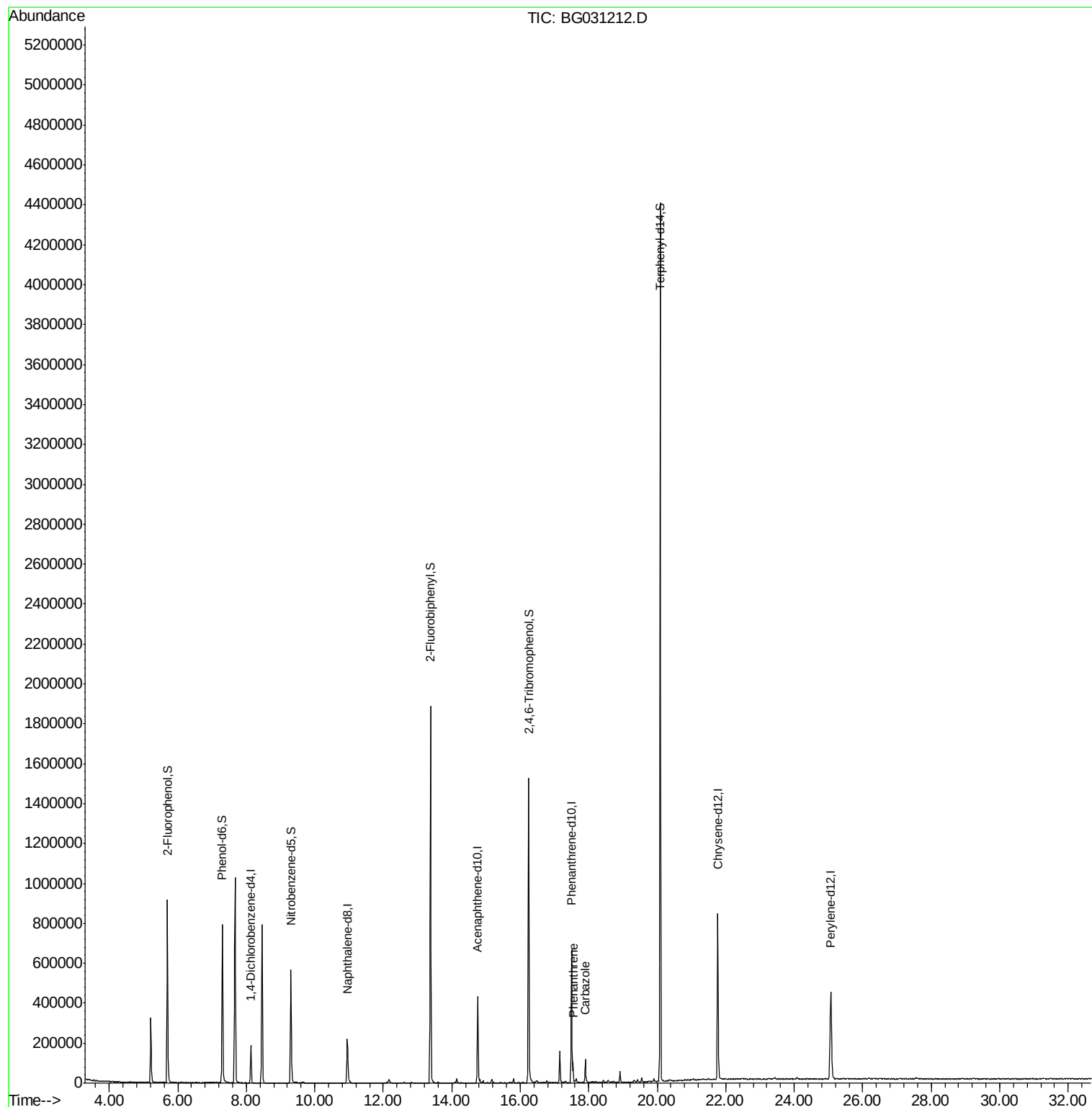
Data Path : Z:\HPCHEM1\BNA G\DATA\BG112217\
Data File : BG031212.D
Acq On : 23 Nov 2017 6:21
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ALS Vial : 25 Sample Multiplier: 1

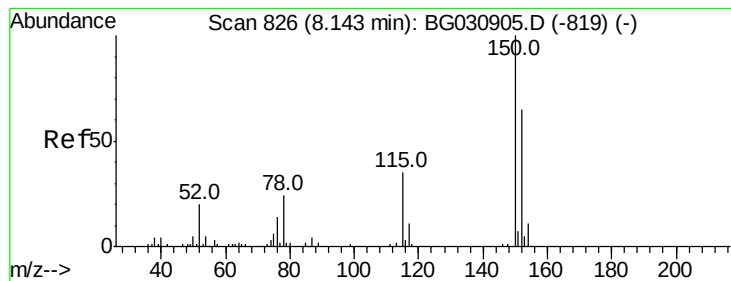
Instrument :
BNA_G
ClientSampleId :
PL-02-112017-B

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Quant Time: Nov 23 23:39:31 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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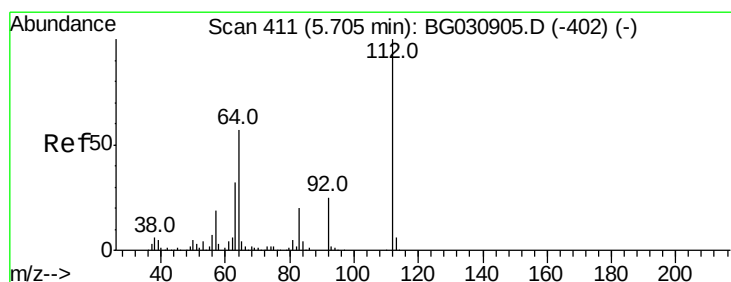
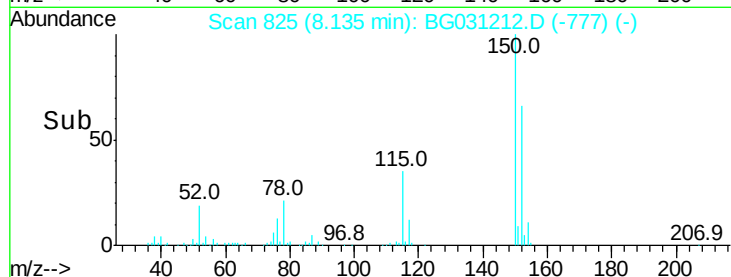
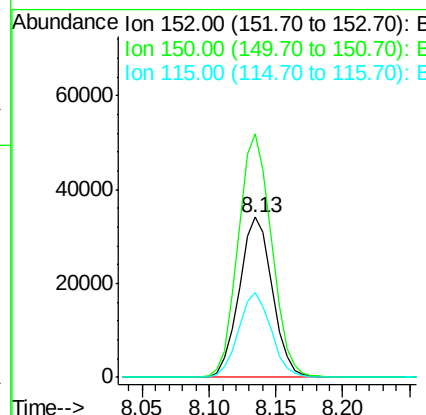
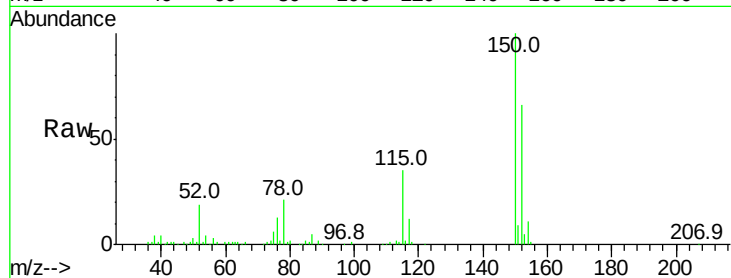
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.13 min Scan# 825
 Delta R.T. -0.02 min
 Lab File: BG031212.D
 Acq: 23 Nov 2017 6:21

Instrument :
 BNA_G
 ClientSampleId :
 PL-02-112017-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.3	126.6	189.8
115	52.7	53.0	79.4#

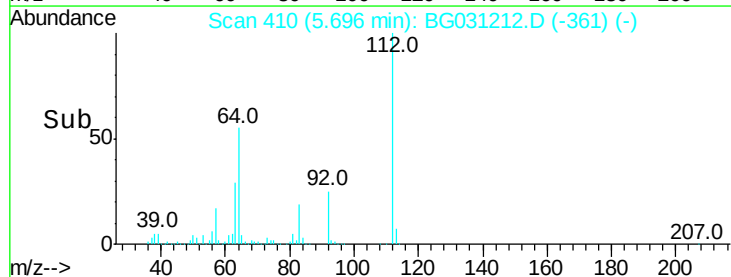
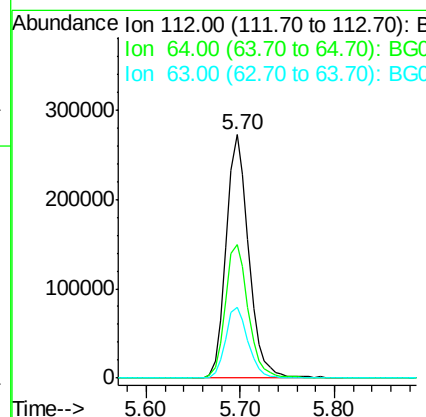
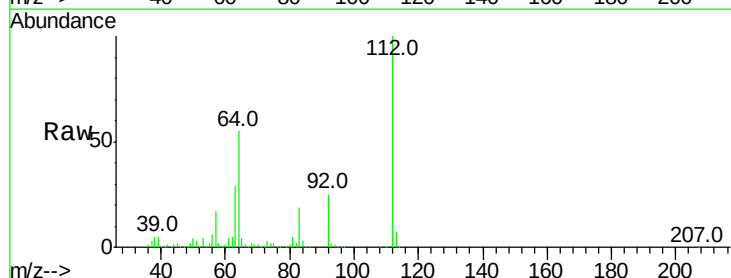
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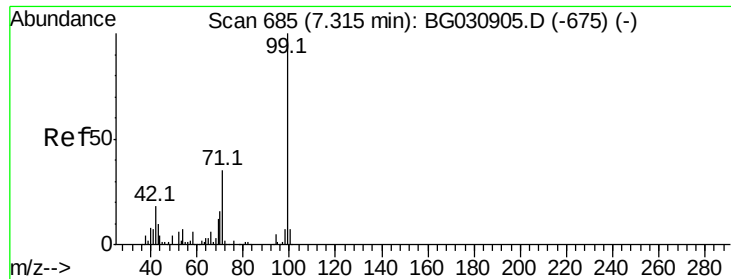
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#5
 2-Fluorophenol
 Concen: 133.976 ng
 RT: 5.70 min Scan# 410
 Delta R.T. -0.01 min
 Lab File: BG031212.D
 Acq: 23 Nov 2017 6:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.9	56.3	84.5#
63	29.1	30.1	45.1#





#7

Phenol-d6

Concen: 114.113 ng

RT: 7.30 min Scan# 683

Delta R.T. -0.01 min

Lab File: BG031212.D

Acq: 23 Nov 2017 6:21

Instrument :

BNA_G

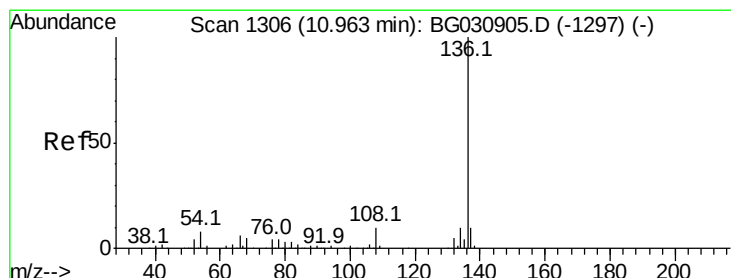
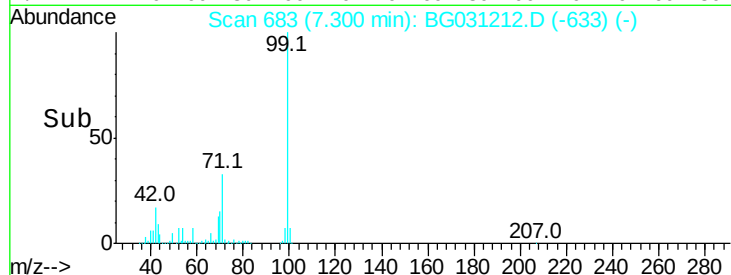
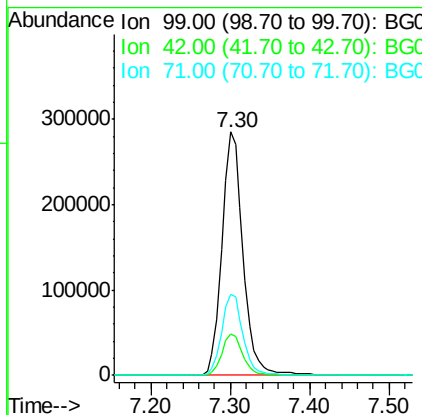
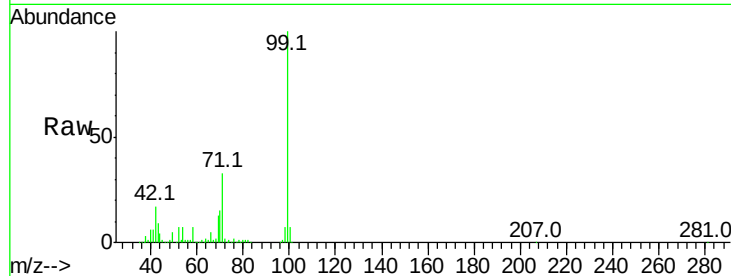
ClientSampleId :

PL-02-112017-B

Tot Ion	99	Resp	524233
Ion Ratio	Lower	Upper	
99	100		
42	16.9	14.1	21.1
71	33.4	26.1	39.1

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#21

Naphthalene-d8

Concen: 20.000 ng

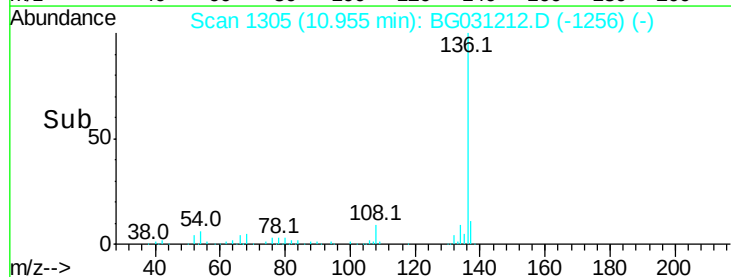
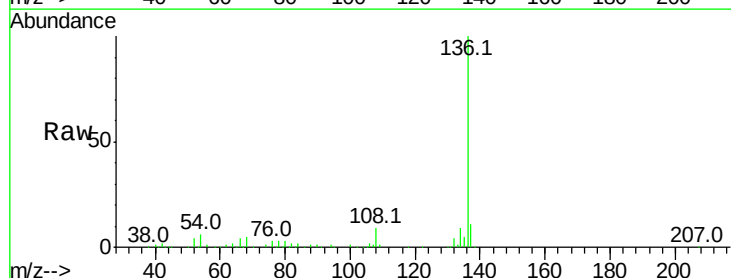
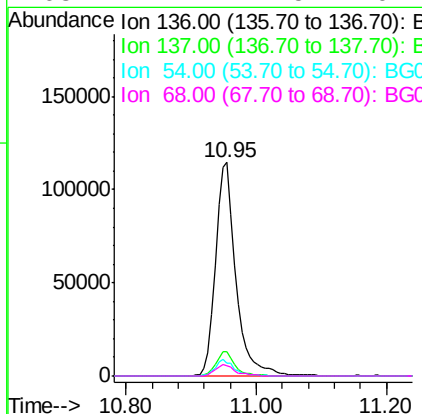
RT: 10.95 min Scan# 1305

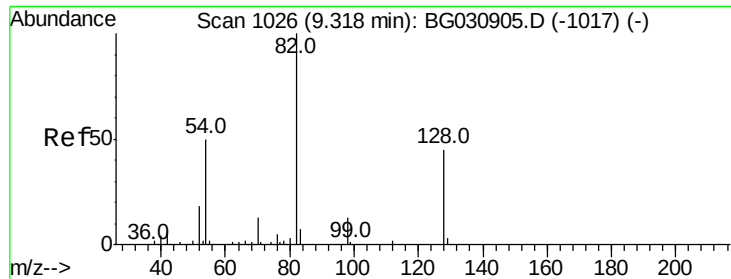
Delta R.T. -0.01 min

Lab File: BG031212.D

Acq: 23 Nov 2017 6:21

Tgt Ion	136	Resp	247440
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.2	13.8
54	5.9	10.3	15.5#
68	4.7	4.5	6.7





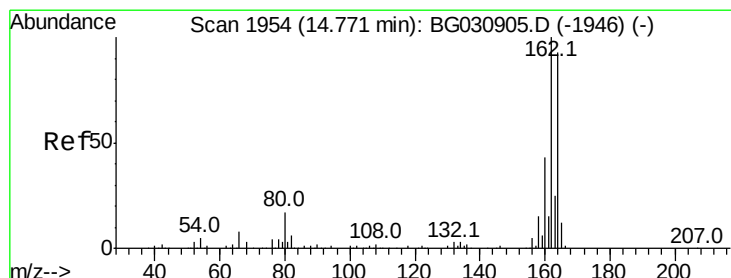
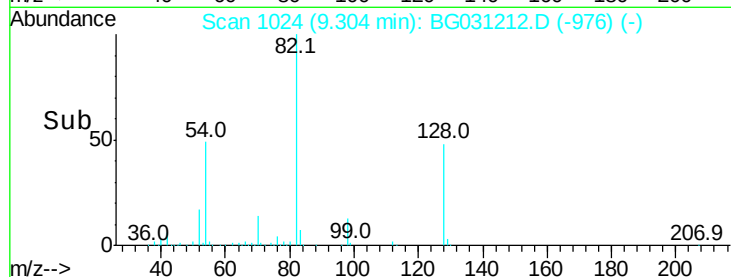
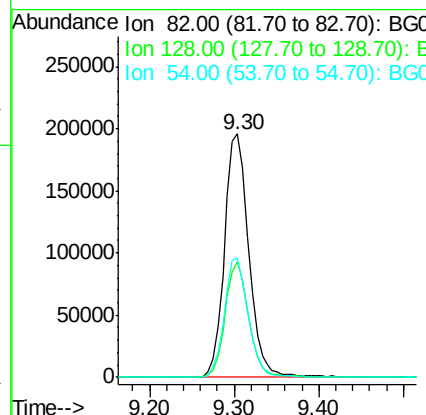
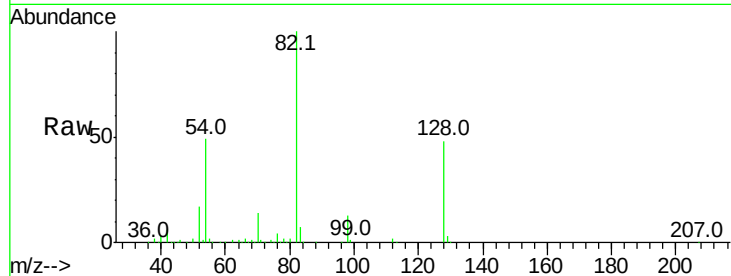
#23
Nitrobenzene-d5
Concen: 93.757 ng
RT: 9.30 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BG031212.D
Acq: 23 Nov 2017 6:21

Instrument :
BNA_G
ClientSampled :
PL-02-112017-B

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.5	29.7	44.5#	
54	49.0	43.1	64.7	

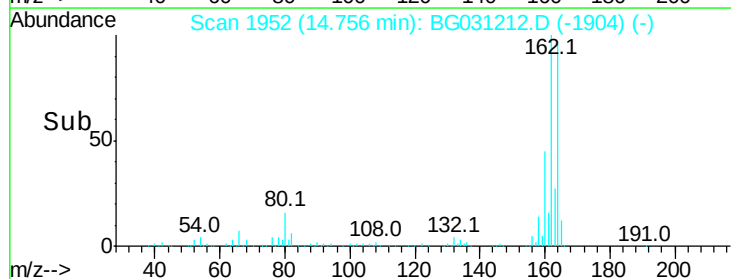
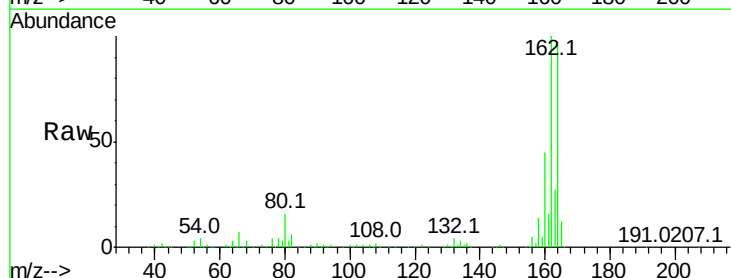
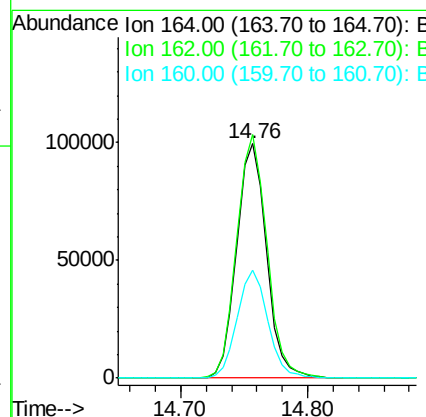
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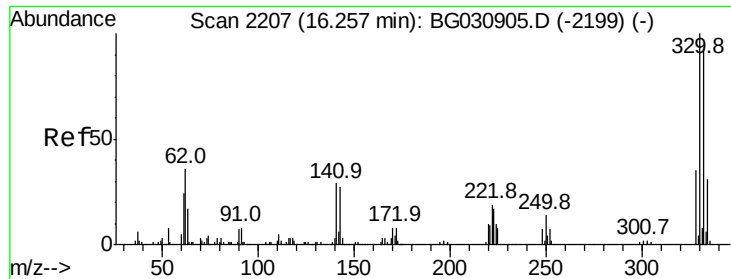
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1952
Delta R.T. -0.02 min
Lab File: BG031212.D
Acq: 23 Nov 2017 6:21

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.9	78.8	118.2	
160	46.3	35.4	53.0	





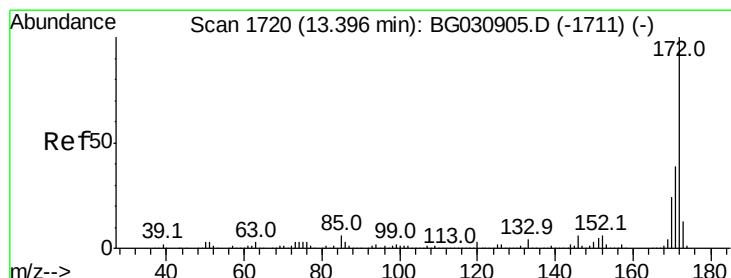
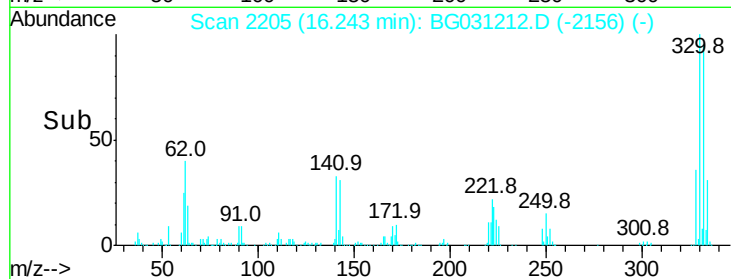
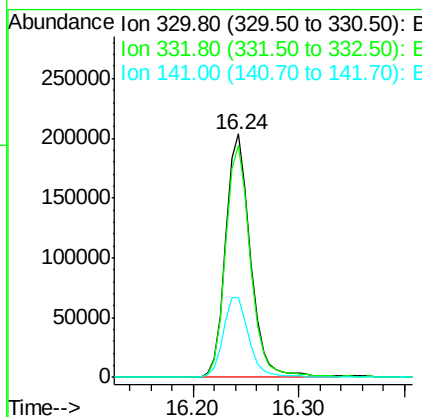
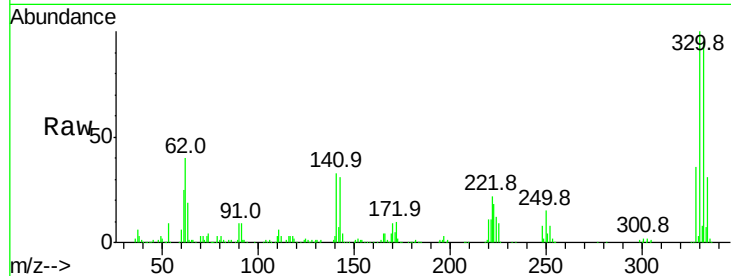
#41
 2,4,6-Tribromophenol
 Concen: 125.544 ng
 RT: 16.24 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BG031212.D
 Acq: 23 Nov 2017 6:21

Instrument :
 BNA_G
 ClientSampleId :
 PL-02-112017-B

Tot Ion	Ratio	Resp	Lower	Upper
330	100	329018		
332	96.0	77.0	115.6	
141	34.2	25.2	37.8	

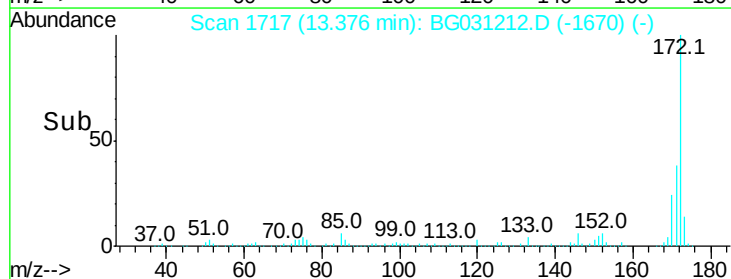
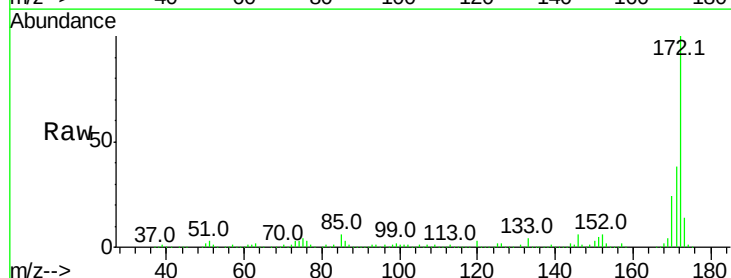
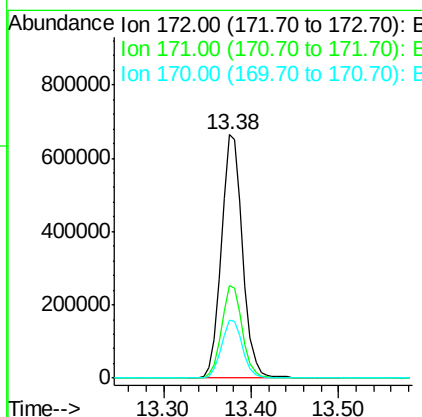
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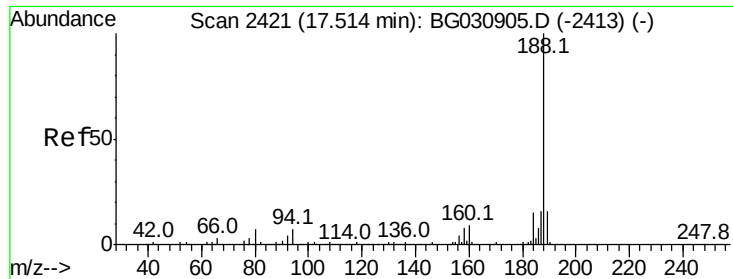
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#44
 2-Fluorobiphenyl
 Concen: 98.759 ng
 RT: 13.38 min Scan# 1717
 Delta R.T. -0.02 min
 Lab File: BG031212.D
 Acq: 23 Nov 2017 6:21

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1113492		
171	38.0	30.0	45.0	
170	23.8	19.5	29.3	





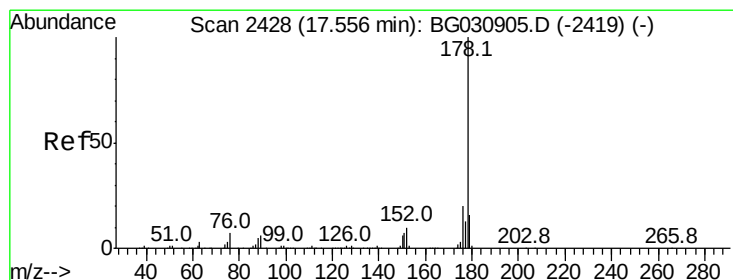
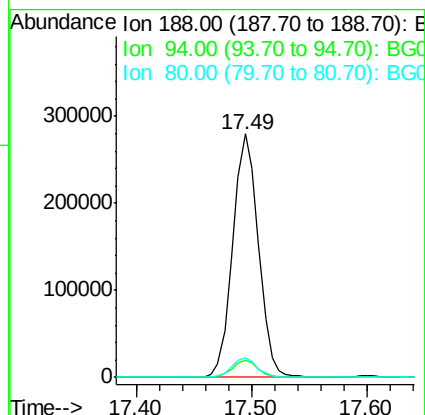
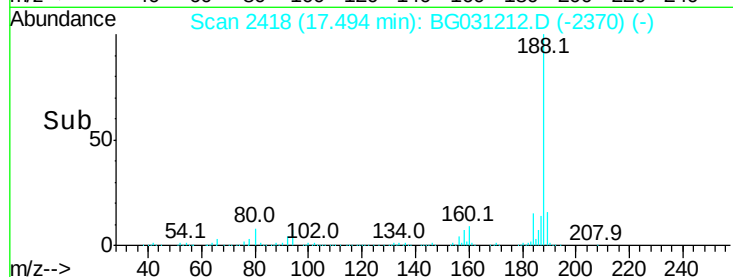
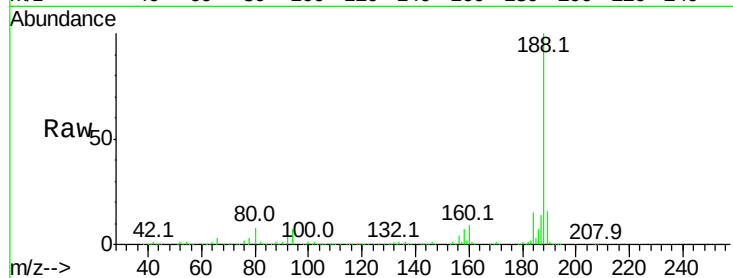
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2418
Delta R.T. -0.02 min
Lab File: BG031212.D
Acq: 23 Nov 2017 6:21

Instrument :
BNA_G
ClientSampleId :
PL-02-112017-B

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	7.1	6.9	10.3
80	8.2	7.7	11.5

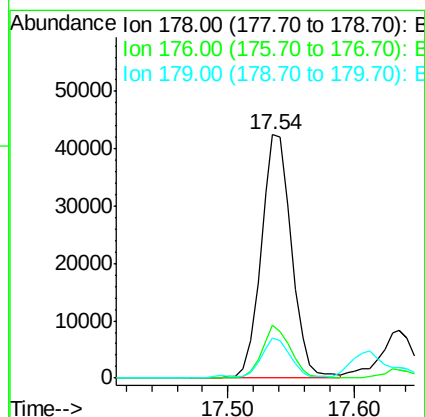
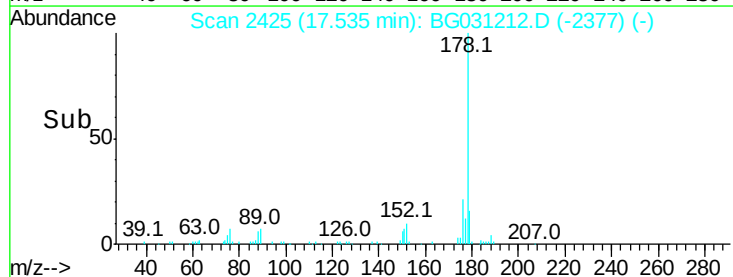
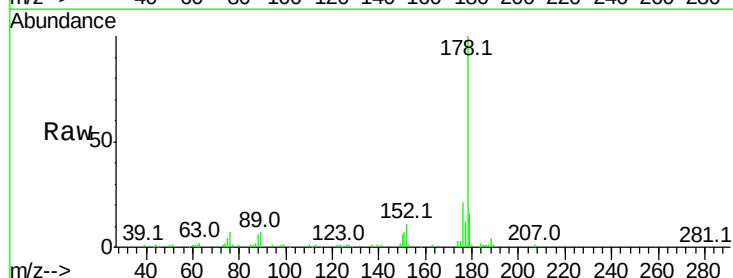
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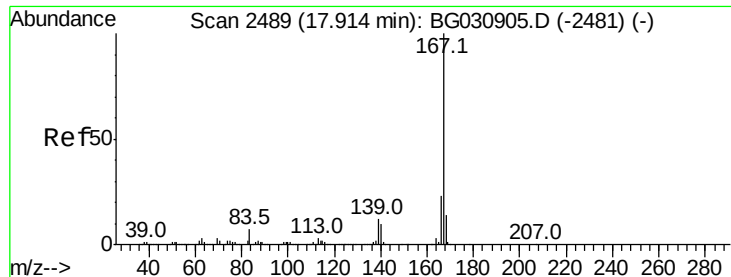
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#70
Phenanthrene
Concen: 3.154 ng
RT: 17.54 min Scan# 2425
Delta R.T. -0.02 min
Lab File: BG031212.D
Acq: 23 Nov 2017 6:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	21.5	15.7	23.5
179	16.3	12.5	18.7





#72

Carbazole

Concen: 4.371 ng

RT: 17.90 min Scan# 2487

Delta R.T. -0.01 min

Lab File: BG031212.D

Acq: 23 Nov 2017 6:21

Instrument :

BNA_G

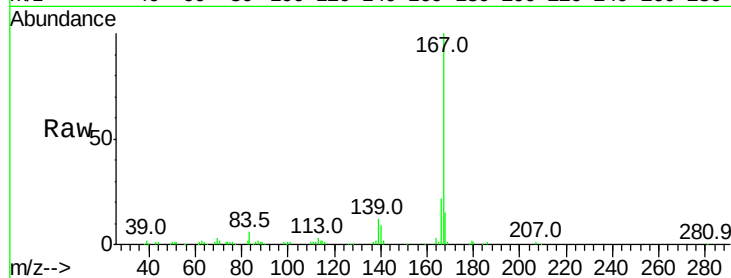
ClientSampleId :

PL-02-112017-B

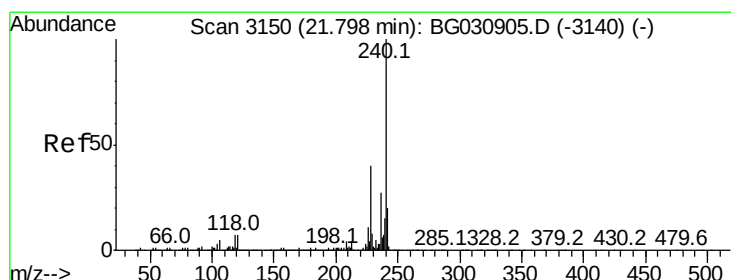
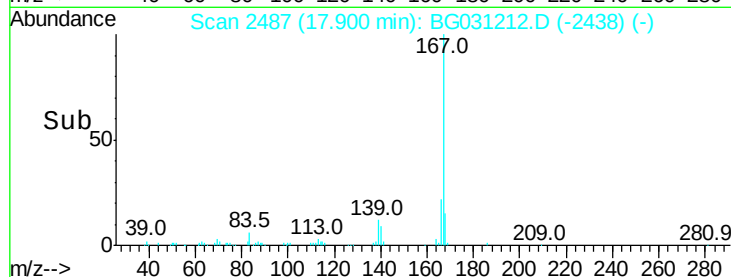
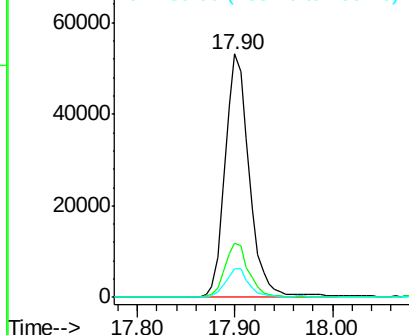
Tot Ion:	167	Resp:	91779
Ion Ratio	Lower	Upper	
167	100		
166	22.2	18.2	27.4
139	11.6	9.4	14.2

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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#75

Chrysene-d12

Concen: 20.000 ng

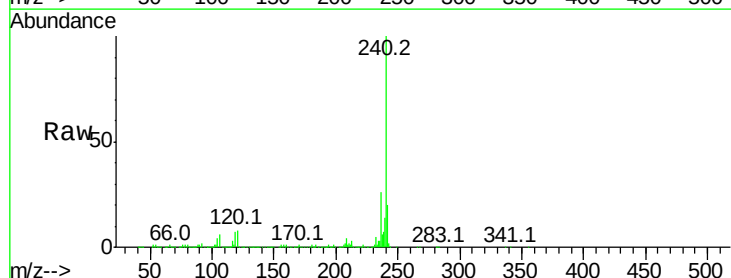
RT: 21.77 min Scan# 3145

Delta R.T. -0.02 min

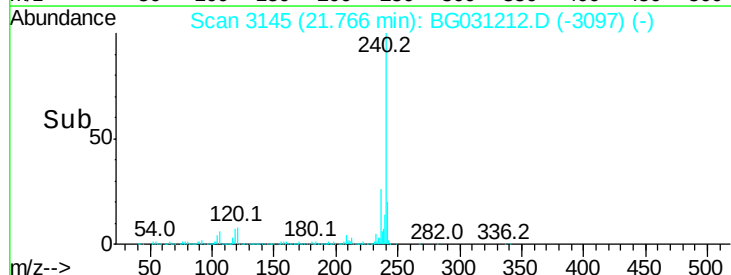
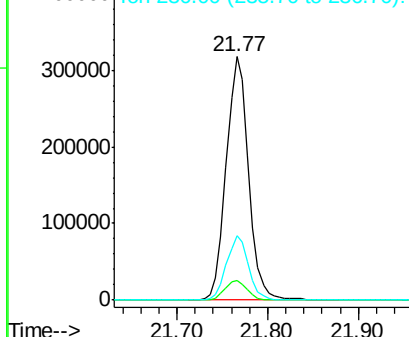
Lab File: BG031212.D

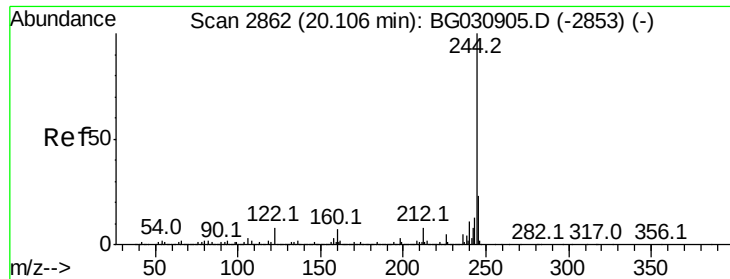
Acq: 23 Nov 2017 6:21

Tgt Ion:	240	Resp:	542626
Ion Ratio	Lower	Upper	
240	100		
120	8.0	6.8	10.2
236	26.2	20.9	31.3



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 87.557 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG031212.D

Acq: 23 Nov 2017 6:21

Instrument :

BNA_G

ClientSampleId :

PL-02-112017-B

Tot Ion:244 Resp: 2151677

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

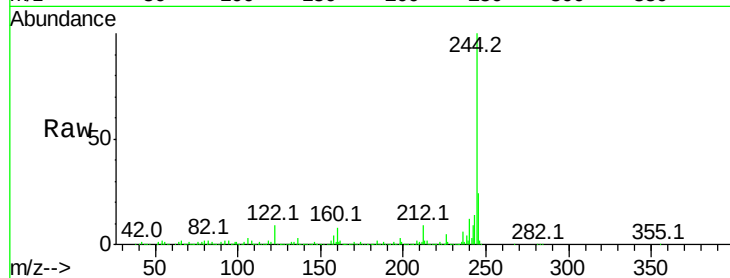
122 9.4 7.0 10.4

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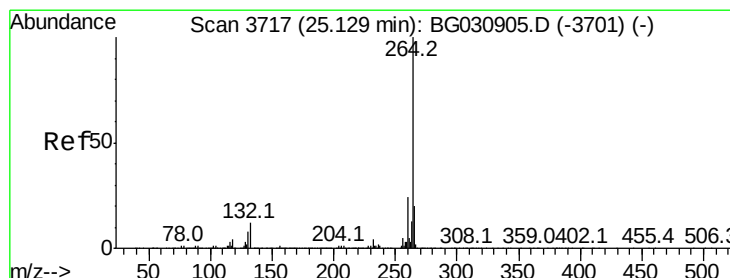
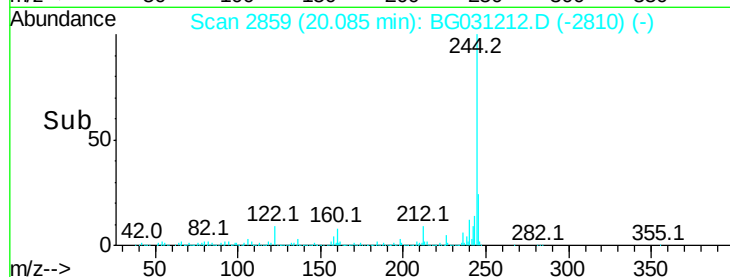
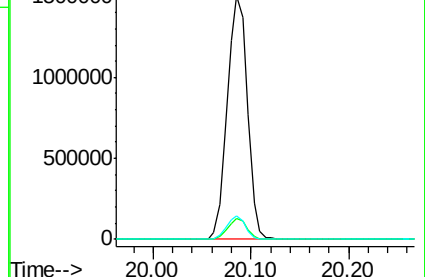
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Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.07 min Scan# 3708

Delta R.T. -0.02 min

Lab File: BG031212.D

Acq: 23 Nov 2017 6:21

Tgt Ion:264 Resp: 528422

Ion Ratio Lower Upper

264 100

260 23.4 17.4 26.0

265 20.7 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

