

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060517\
 Data File : BG027227.D
 Acq On : 6 Jun 2017 00:29
 Operator : SJ/MA
 Sample : I3407-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S22-0025

Manual Integrations
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Quant Time: Jun 06 05:05:33 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:00:35 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.57	152	54348	20.00	ng	0.00
21) Naphthalene-d8	11.39	136	255189	20.00	ng	0.00
38) Acenaphthene-d10	15.15	164	169402	20.00	ng	0.00
63) Phenanthrene-d10	17.90	188	381528	20.00	ng	-0.01
75) Chrysene-d12	22.29	240	422402	20.00	ng	-0.02
86) Perylene-d12	26.00	264	403491	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	228634	64.20	ng	0.00
7) Phenol-d6	7.70	99	199242	38.11	ng	0.00
23) Nitrobenzene-d5	9.74	82	451651	111.31	ng	0.00
41) 2,4,6-Tribromophenol	16.63	330	375423	168.30	ng	-0.01
44) 2-Fluorobiphenyl	13.78	172	1178899	97.36	ng	0.00
78) Terphenyl-d14	20.48	244	1612170	97.36	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	11.45	128	764553	54.82	ng	100
37) 2-Methylnaphthalene	13.01	142	232185m	22.82	ng	
49) Dimethylphthalate	14.59	163	169367	12.60	ng	96

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

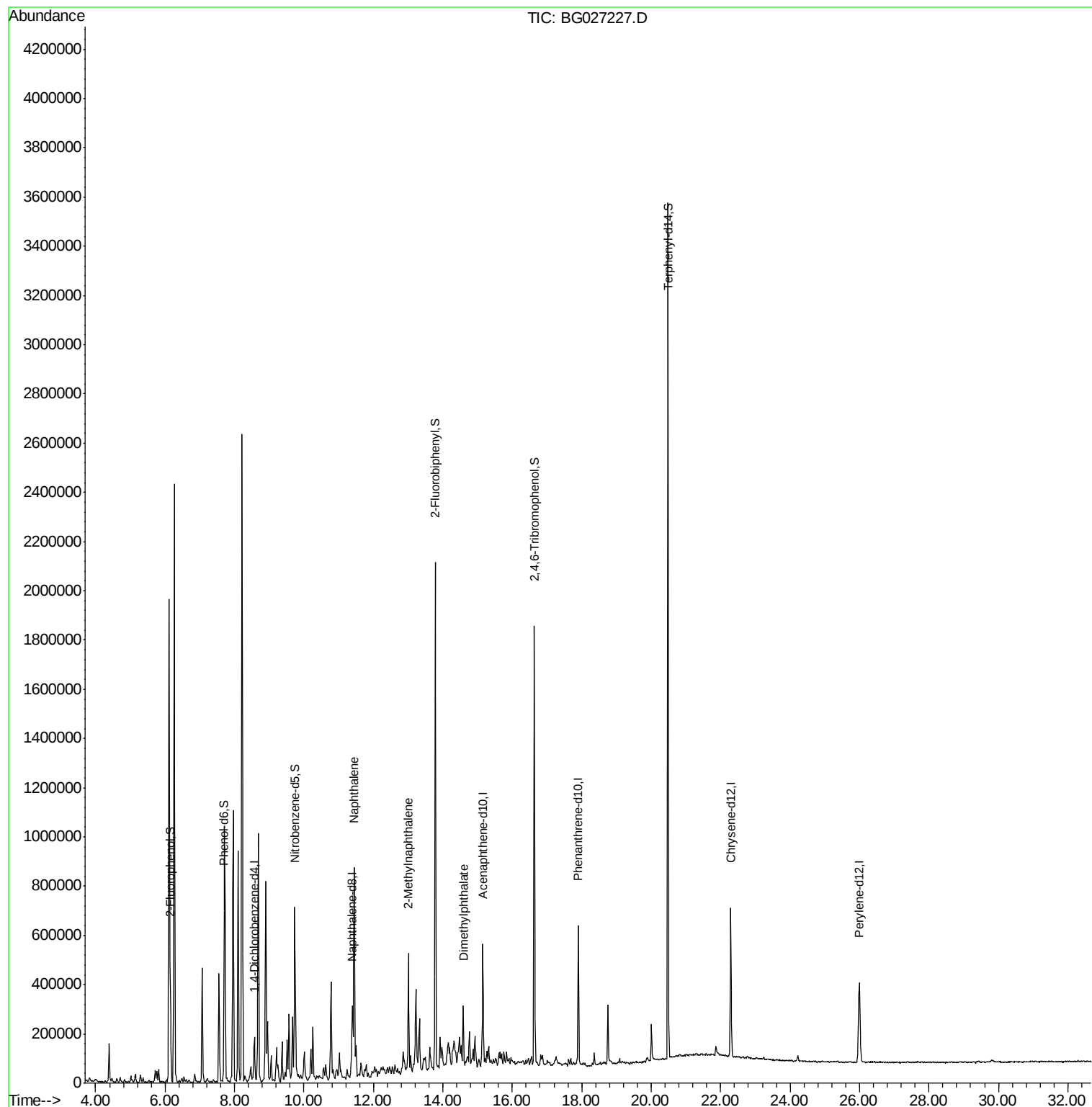
Data Path : Z:\HPCHEM1\BNA G\DATA\BG060517\
Data File : BG027227.D
Acq On : 6 Jun 2017 00:29
Operator : SJ/MA
Sample : I3407-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

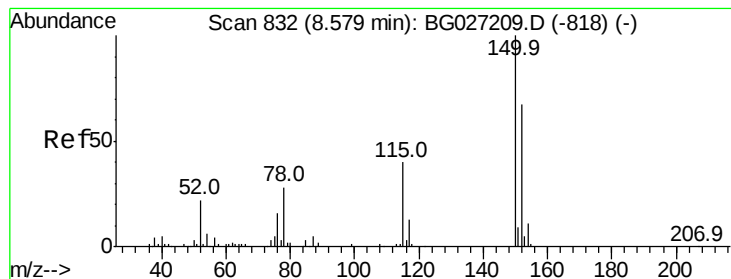
Instrument :
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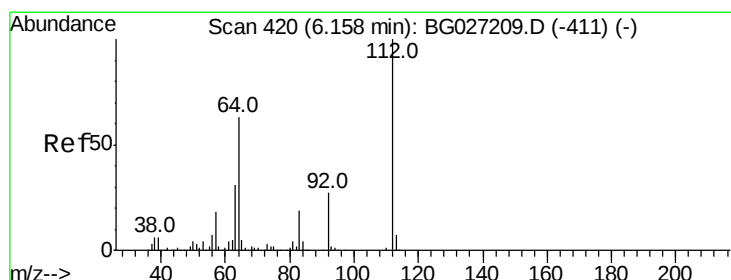
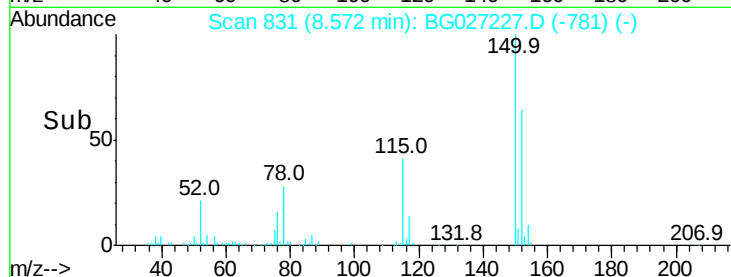
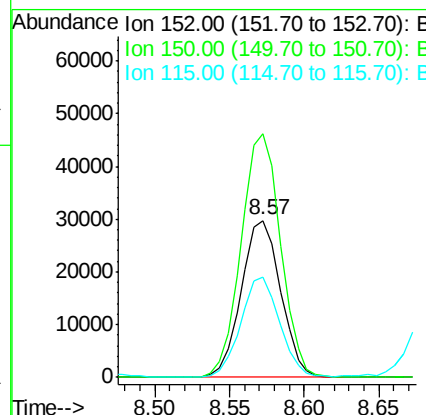
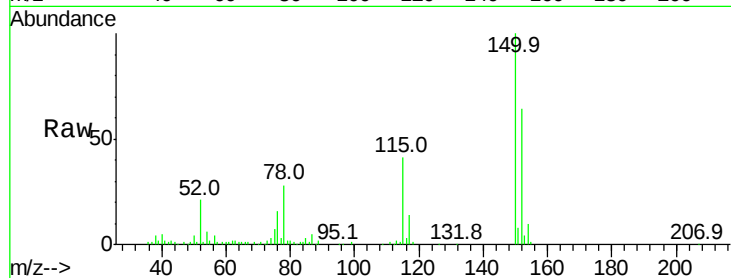
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.57 min Scan# 831
 Delta R.T. -0.01 min
 Lab File: BG027227.D
 Acq: 6 Jun 2017 00:29

Instrument :
 BNA_G
 ClientSampleId :
 S22-0025

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	114.0	171.0
115	63.8	48.1	72.1

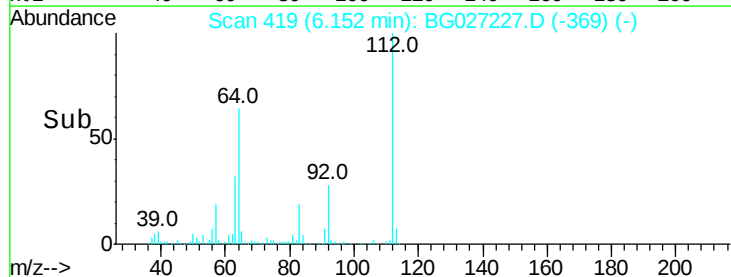
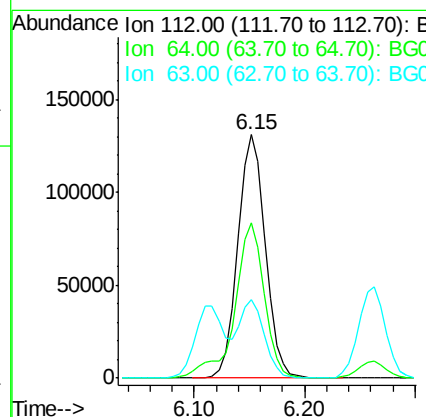
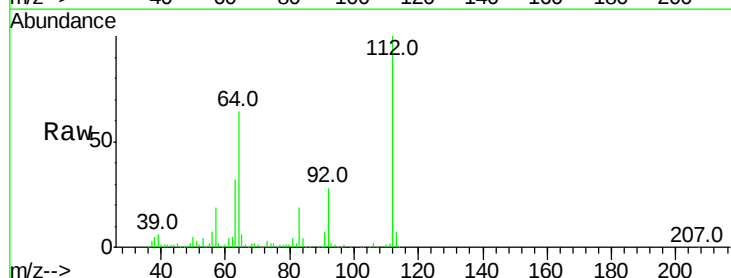
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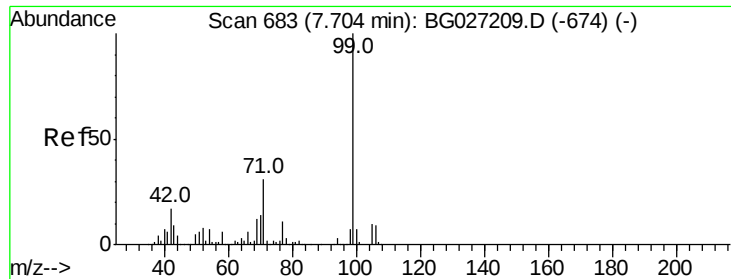
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#5
 2-Fluorophenol
 Concen: 64.20 ng
 RT: 6.15 min Scan# 419
 Delta R.T. -0.01 min
 Lab File: BG027227.D
 Acq: 6 Jun 2017 00:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.6	61.8	92.6
63	32.4	37.2	55.8#





#7

Phenol-d6

Concen: 38.11 ng

RT: 7.70 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG027227.D

Acq: 6 Jun 2017 00:29

Instrument :

BNA_G

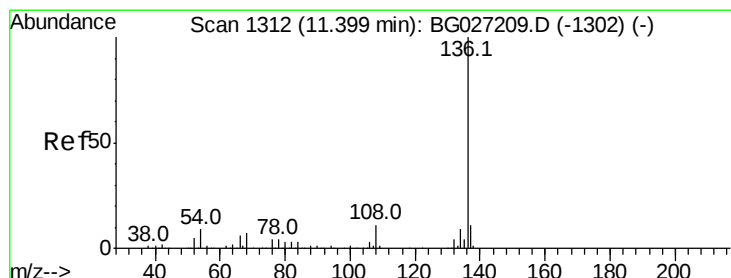
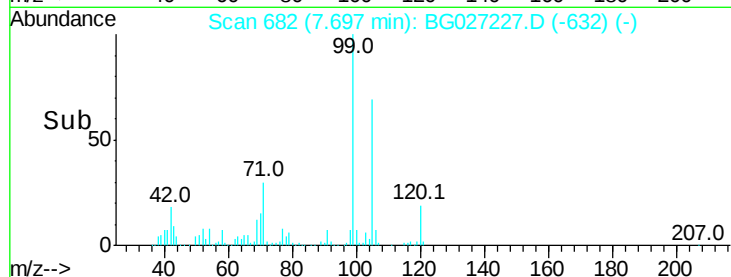
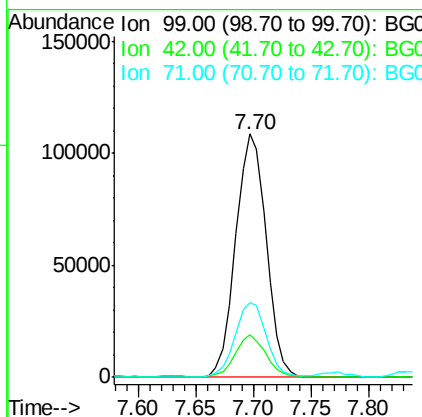
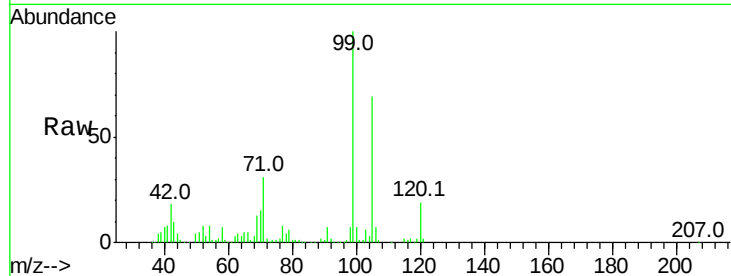
ClientSampleId :

S22-0025

Tot Ion	99	Resp	199242
Ion Ratio	Lower	Upper	
99	100		
42	17.7	20.5	30.7#
71	30.7	37.6	56.4#

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#21

Naphthalene-d8

Concen: 20.00 ng

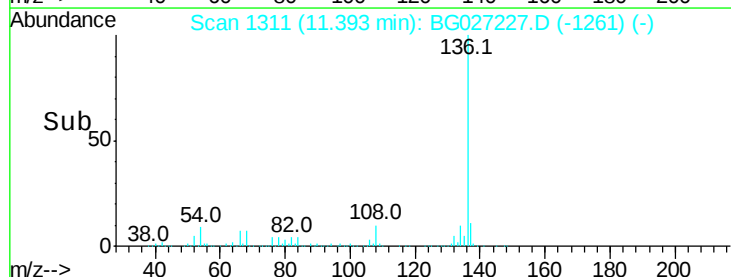
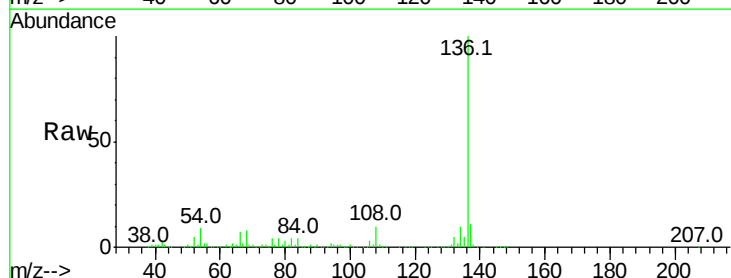
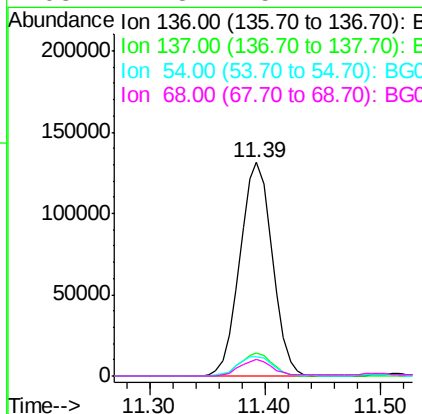
RT: 11.39 min Scan# 1311

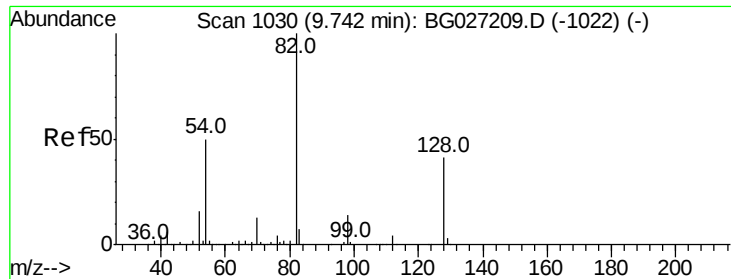
Delta R.T. -0.01 min

Lab File: BG027227.D

Acq: 6 Jun 2017 00:29

Tgt Ion	136	Resp	255189
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.9	13.3
54	9.1	9.3	13.9#
68	7.8	5.1	7.7#





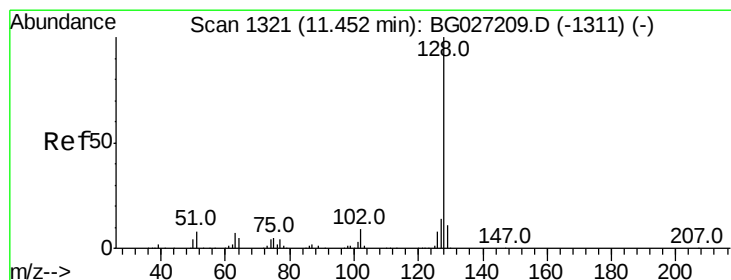
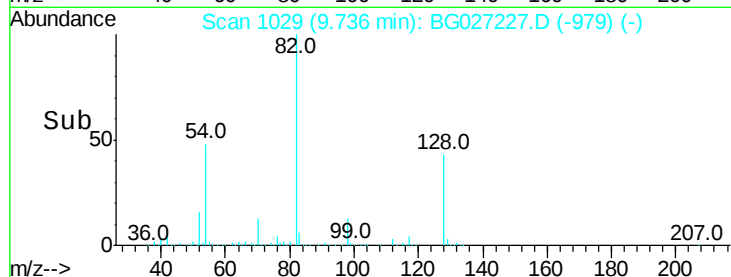
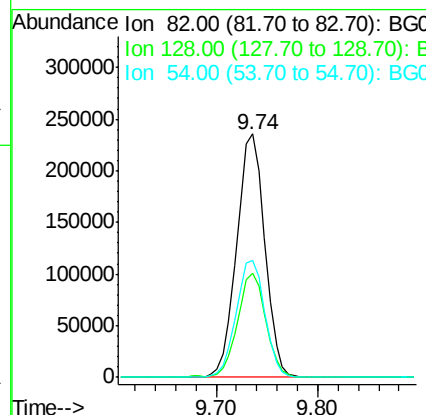
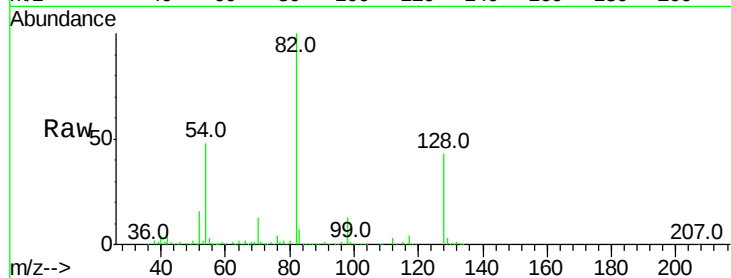
#23
 Nitrobenzene-d5
 Concen: 111.31 ng
 RT: 9.74 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BG027227.D
 Acq: 6 Jun 2017 00:29

Instrument :
 BNA_G
 ClientSampleId :
 S22-0025

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	43.0	26.4	39.6#	
54	48.1	49.4	74.2#	

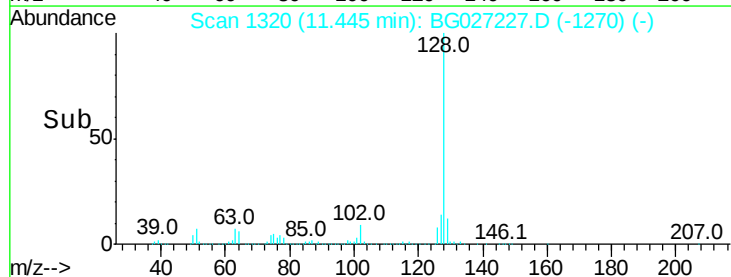
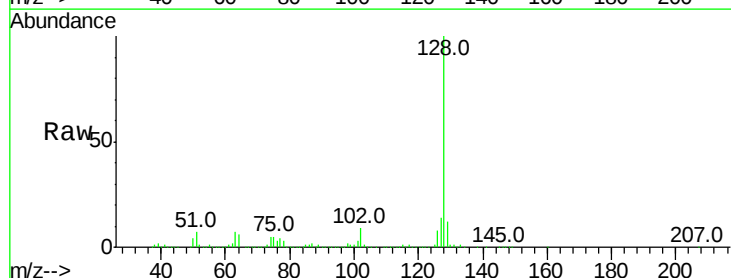
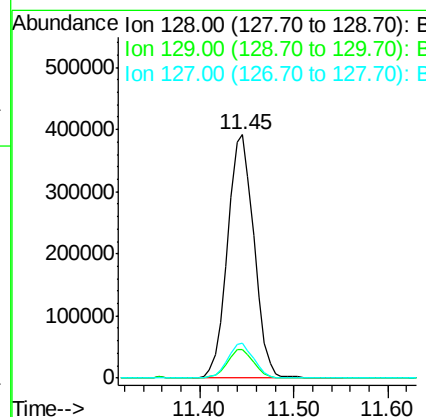
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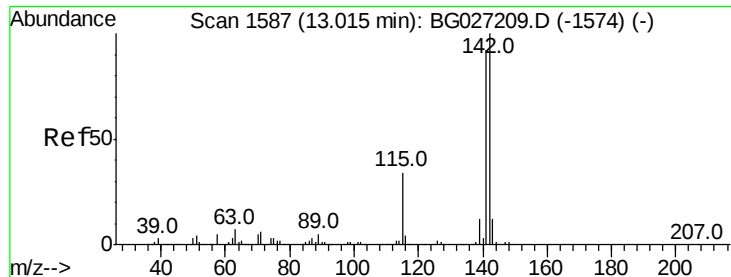
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#31
 Naphthalene
 Concen: 54.82 ng
 RT: 11.45 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BG027227.D
 Acq: 6 Jun 2017 00:29

Tgt Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.8	9.3	13.9	
127	14.1	11.4	17.0	





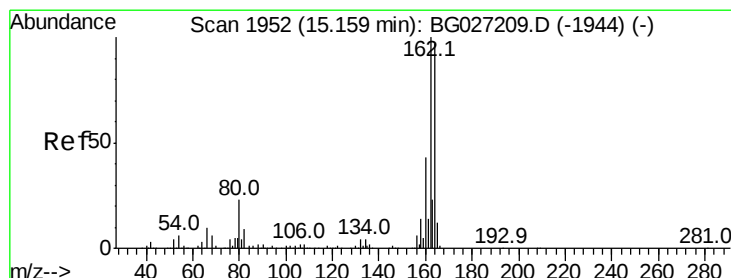
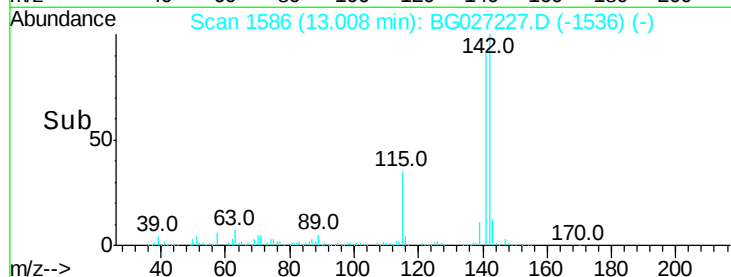
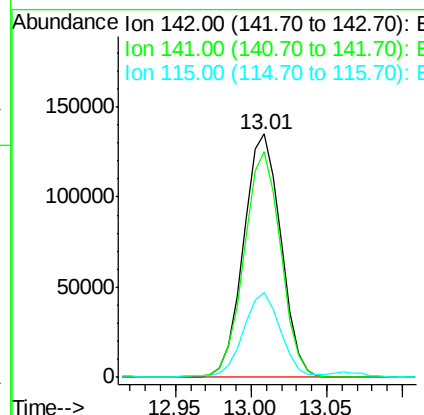
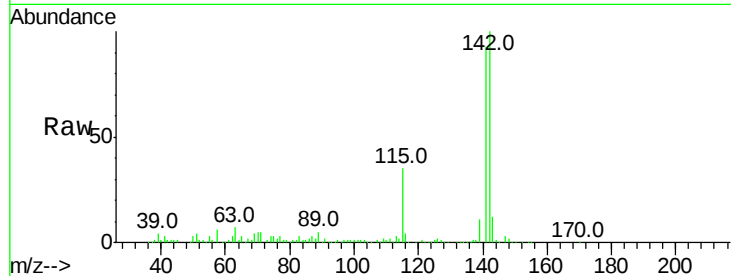
#37
2-Methylnaphthalene
Concen: 22.82 ng/ml
RT: 13.01 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BG027227.D
Acq: 6 Jun 2017 00:29

Instrument :
BNA_G
ClientSampleId :
S22-0025

Tot Ion	Ratio	Resp	Lower	Upper
142	100	232185		
141	92.6	70.4	105.6	
115	35.1	35.5	53.3	

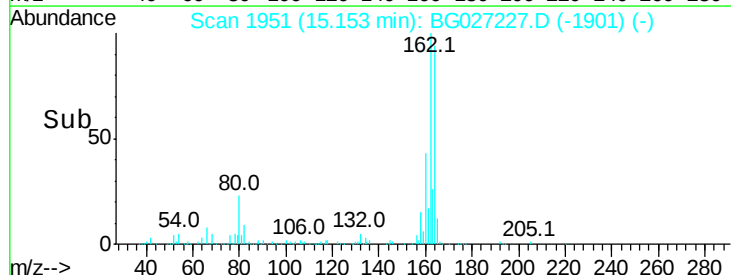
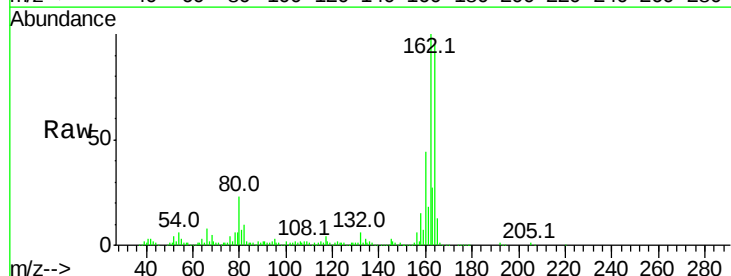
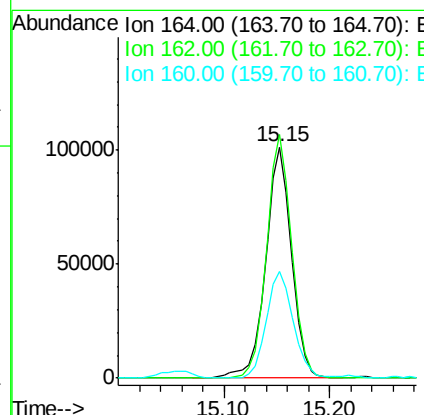
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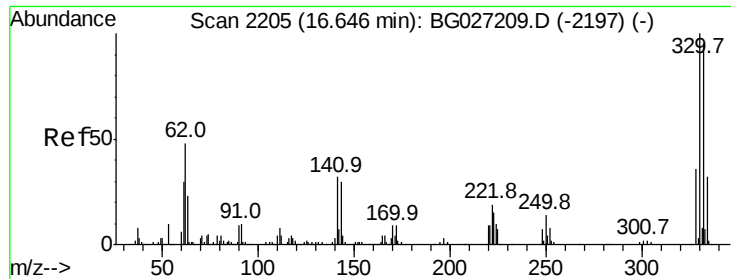
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.15 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BG027227.D
Acq: 6 Jun 2017 00:29

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	169402		
162	105.4	85.1	127.7	
160	46.4	34.7	52.1	





#41

2,4,6-Tribromophenol

Concen: 168.30 ng

RT: 16.63 min Scan# 2203

Delta R.T. -0.01 min

Lab File: BG027227.D

Acq: 6 Jun 2017 00:29

Instrument :

BNA_G

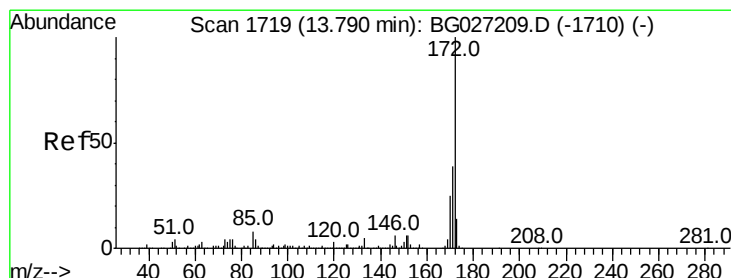
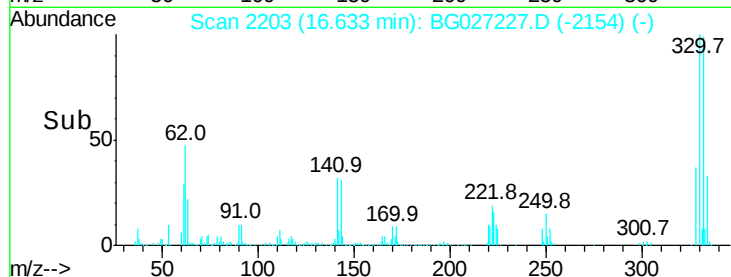
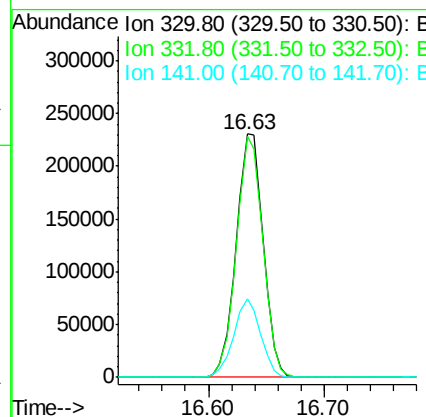
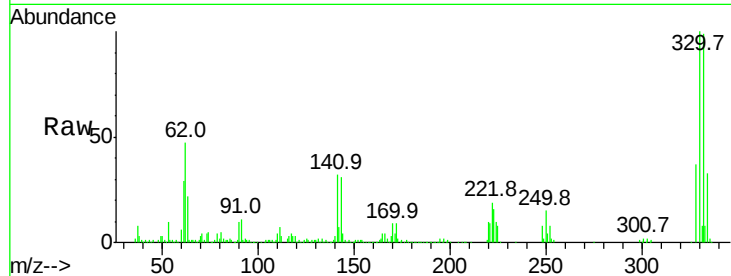
ClientSampleId :

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Tot Ion:	330	Resp:	375423
Ion Ratio	Lower	Upper	
330	100		
332	96.7	77.3	115.9
141	31.7	32.1	48.1#

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#44

2-Fluorobiphenyl

Concen: 97.36 ng

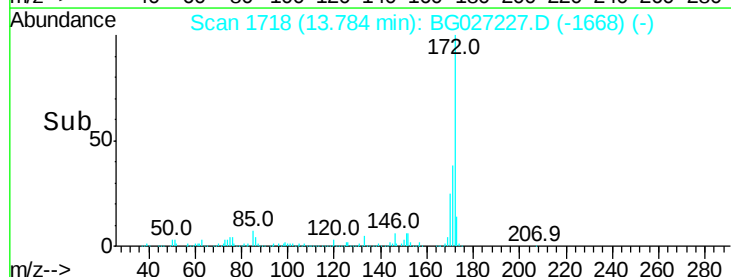
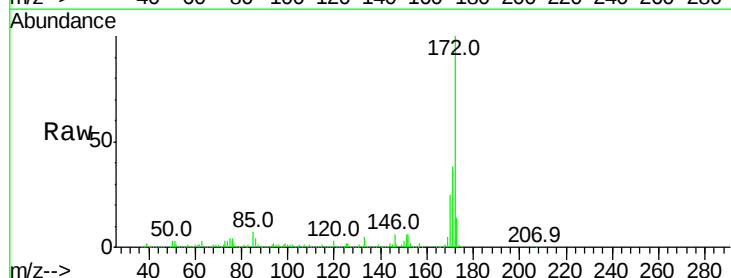
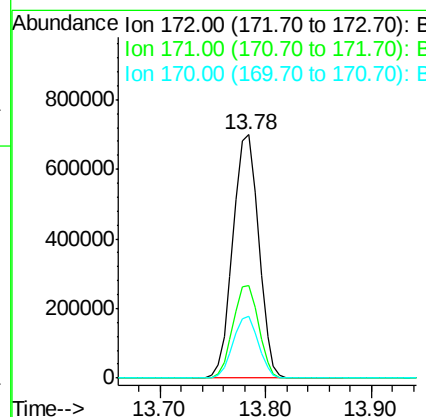
RT: 13.78 min Scan# 1718

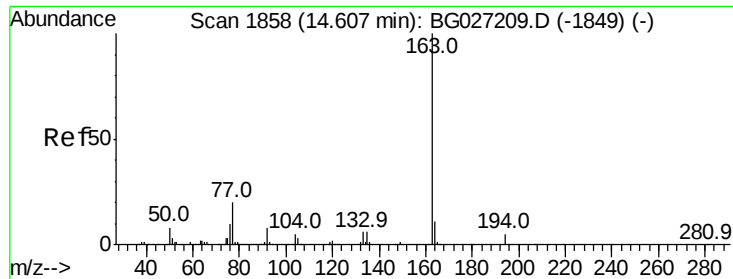
Delta R.T. -0.01 min

Lab File: BG027227.D

Acq: 6 Jun 2017 00:29

Tgt Ion:	172	Resp:	1178899
Ion Ratio	Lower	Upper	
172	100		
171	37.8	32.2	48.2
170	25.2	21.8	32.6





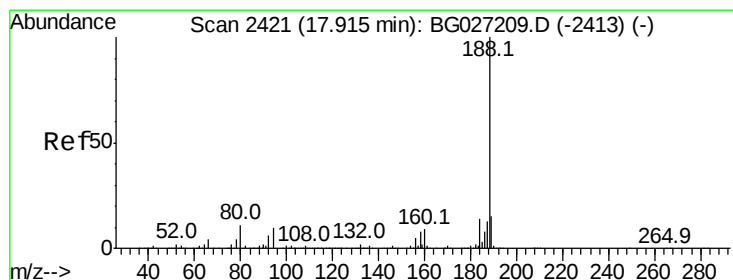
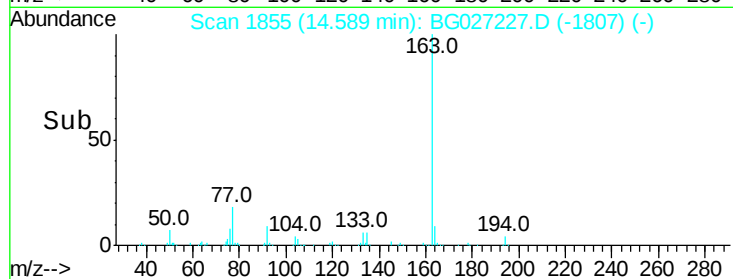
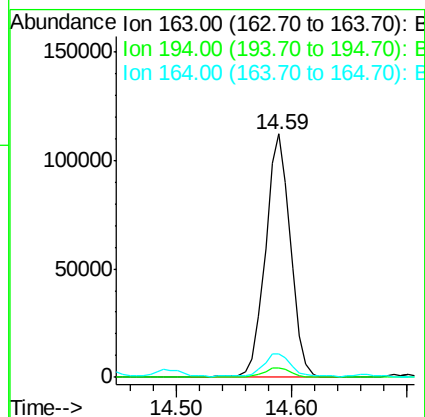
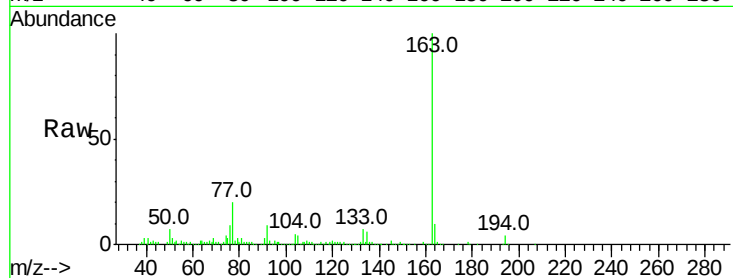
#49
Dimethylphthalate
Concen: 12.60 ng
RT: 14.59 min Scan# 1855
Delta R.T. -0.02 min
Lab File: BG027227.D
Acq: 6 Jun 2017 00:29

Instrument :
BNA_G
ClientSampleId :
S22-0025

Tot Ion	Ratio	Resp	Lower	Upper
163	100	169367		
194	4.1	3.8	5.6	
164	9.9	9.3	13.9	

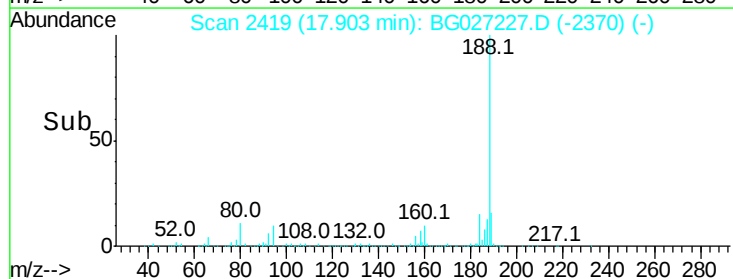
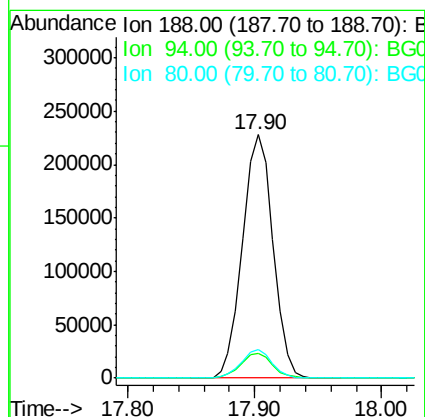
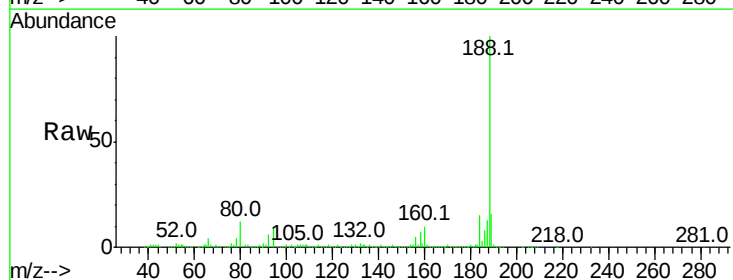
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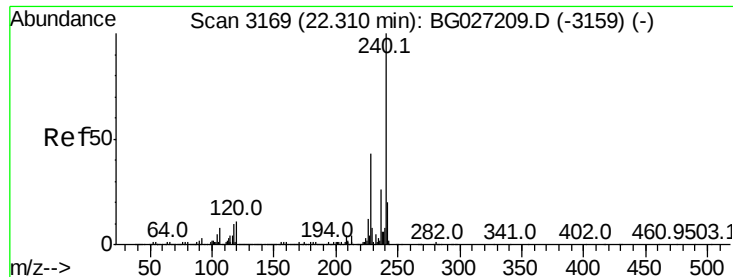
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.90 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BG027227.D
Acq: 6 Jun 2017 00:29

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	381528		
94	9.9	5.8	8.8#	
80	11.6	7.5	11.3#	





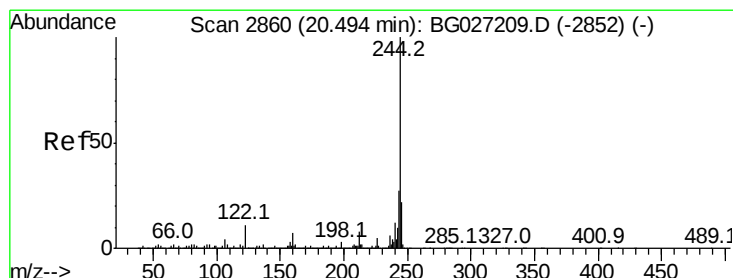
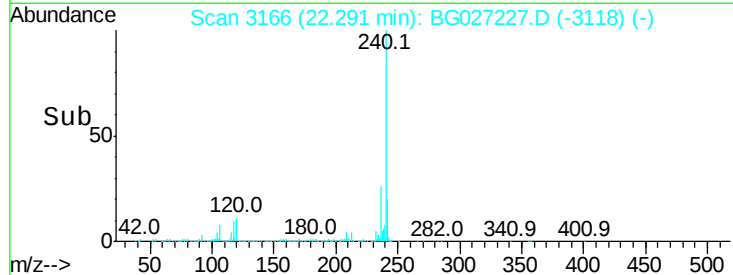
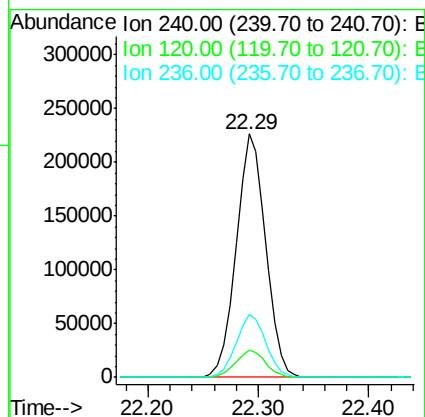
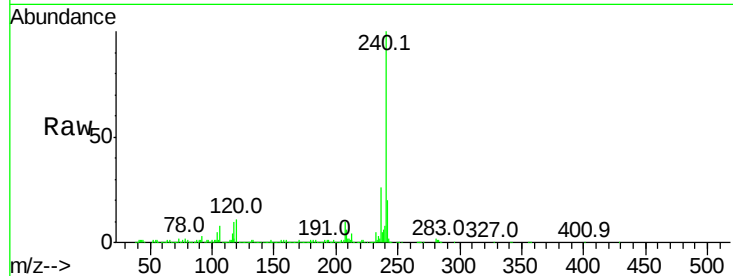
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 22.29 min Scan# 3166
 Delta R.T. -0.02 min
 Lab File: BG027227.D
 Acq: 6 Jun 2017 00:29

Instrument :
 BNA_G
 ClientSampleId :
 S22-0025

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.2	5.7	8.5#
236	25.9	22.2	33.4

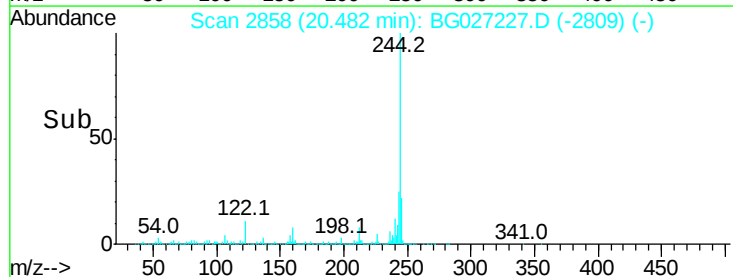
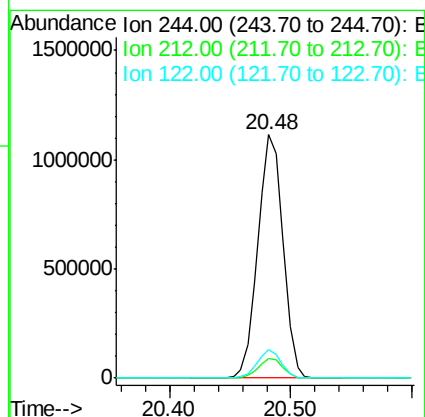
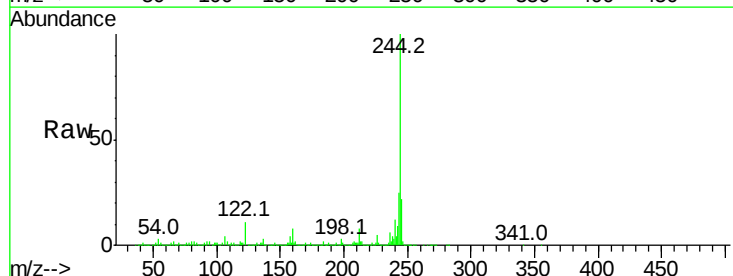
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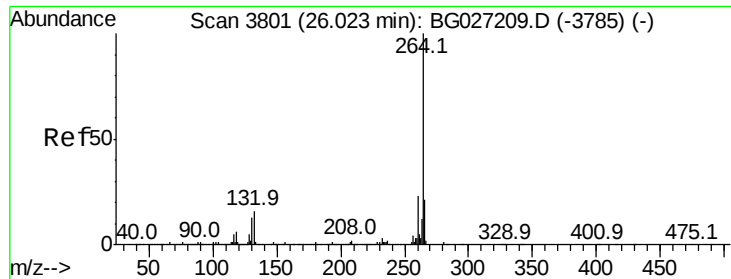
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#78
 Terphenyl-d14
 Concen: 97.36 ng
 RT: 20.48 min Scan# 2858
 Delta R.T. -0.01 min
 Lab File: BG027227.D
 Acq: 6 Jun 2017 00:29

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.1	10.0	15.0#
122	11.5	8.6	12.8





#86
Pervlene-d12
Concen: 20.00 ng
RT: 26.00 min Scan# 3797
Delta R.T. -0.02 min
Lab File: BG027227.D
Acq: 6 Jun 2017 00:29

Instrument :
BNA_G
ClientSampleId :
S22-0025

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	21.8	32.8
265	22.2	18.2	27.4

Manual Integrations
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