

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG010218\
 Data File : BG031875.D
 Acq On : 2 Jan 2018 17:25
 Operator : SJ/JU
 Sample : I6680-24
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-122917-B

Manual Integrations
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 1/3/2018 10:25:16 AM

Quant Time: Jan 03 00:19:26 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 29 15:51:46 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.79	152	46984	20.00	ng	0.00
21) Naphthalene-d8	11.67	136	192122	20.00	ng	0.00
38) Acenaphthene-d10	15.41	164	140292	20.00	ng	-0.01
63) Phenanthrene-d10	18.15	188	396826	20.00	ng	-0.01
75) Chrysene-d12	22.49	240	470729	20.00	ng	-0.02
86) Perylene-d12	26.22	264	487331	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	354236	137.32	ng	0.00
7) Phenol-d6	7.89	99	413439	123.45	ng	0.00
23) Nitrobenzene-d5	9.99	82	278252	109.36	ng	0.00
41) 2,4,6-Tribromophenol	16.89	330	387368	180.96	ng	0.00
44) 2-Fluorobiphenyl	14.05	172	999433	89.42	ng	0.00
78) Terphenyl-d14	20.68	244	2089182	101.40	ng	-0.01
Target Compounds						
31) Naphthalene	11.73	128	688032	70.961	ng	99
37) 2-Methylnaphthalene	13.28	142	37319m	4.748	ng	
48) Acenaphthylene	15.14	152	54767	3.746	ng	99
54) Dibenzofuran	15.81	168	32565	2.218	ng	# 96
57) Fluorene	16.45	166	30923	2.593	ng	# 93
70) Phenanthrene	18.19	178	56496	2.516	ng	98

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

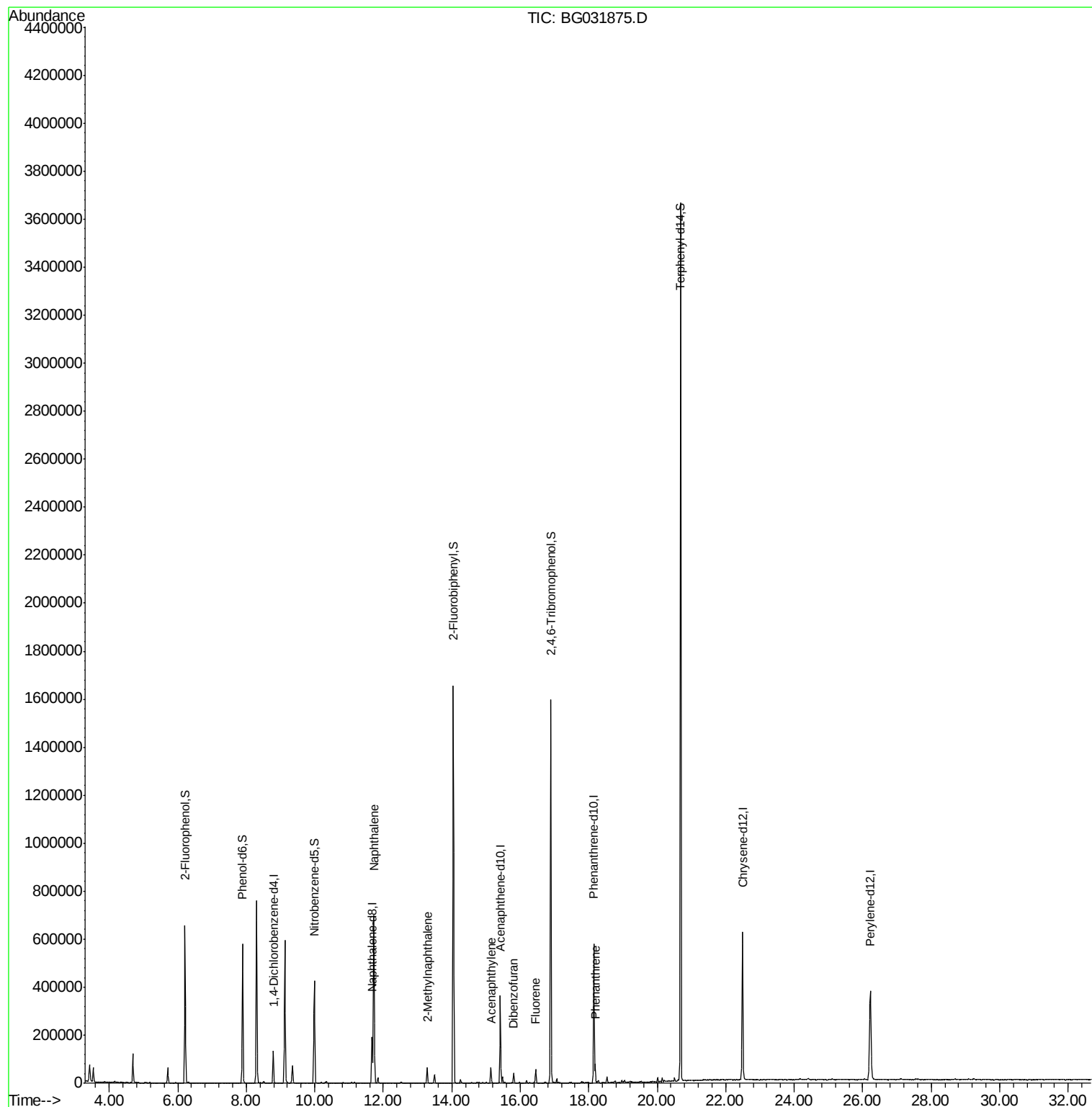
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG010218\
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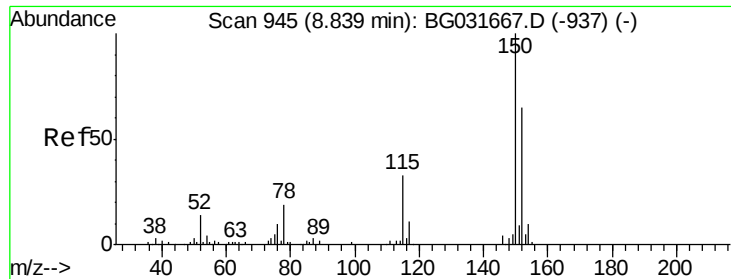
Instrument :
BNA_G
ClientSampleId :
CL-01-122917-B

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Quant Time: Jan 03 00:19:26 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
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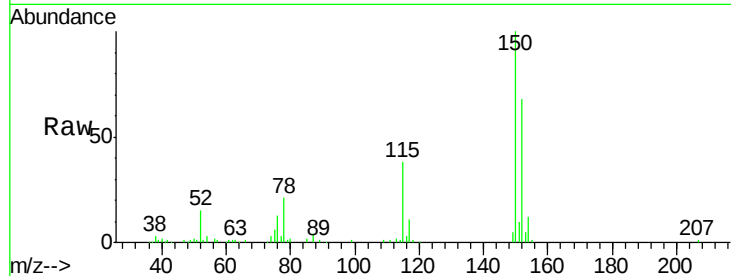




#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.79 min Scan# 936
Delta R.T. -0.01 min
Lab File: BG031875.D
Acq: 2 Jan 2018 17:25

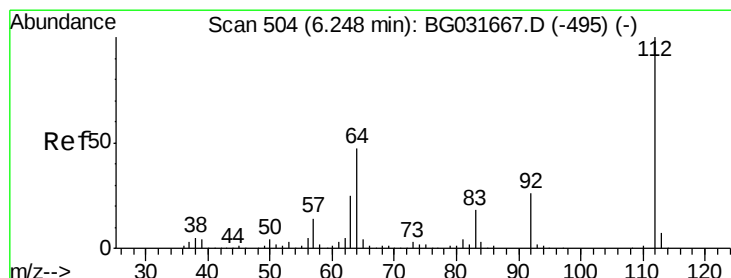
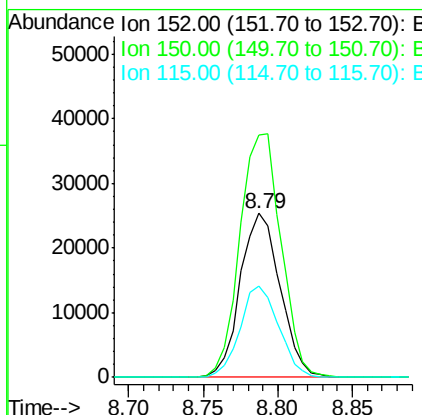
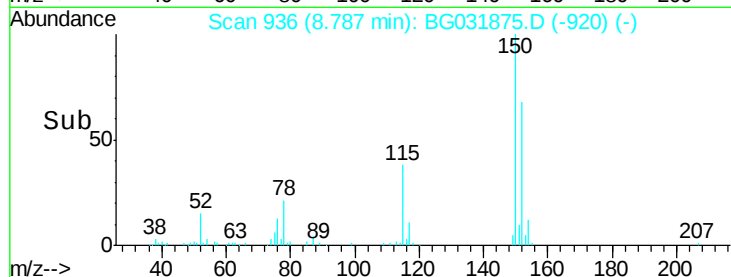
Instrument :
BNA_G
ClientSampleId :
CL-01-122917-B



Tgt Ion	Ratio	Lower	Upper
152	100		
150	148.1	126.6	189.8
115	55.6	53.0	79.4

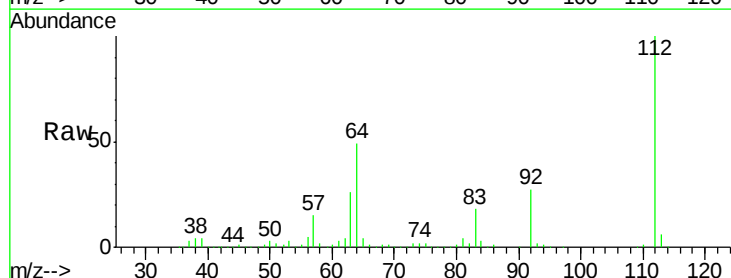
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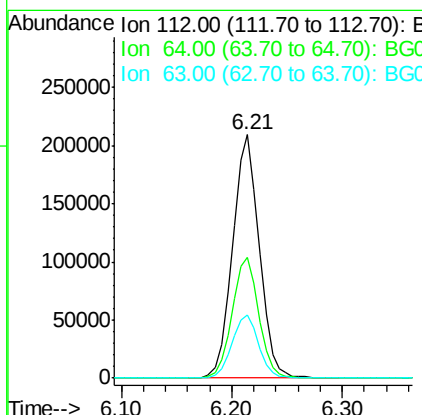
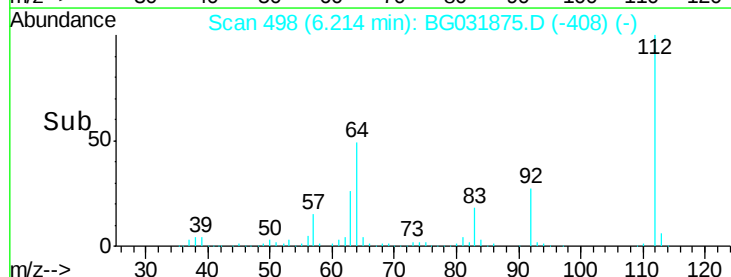


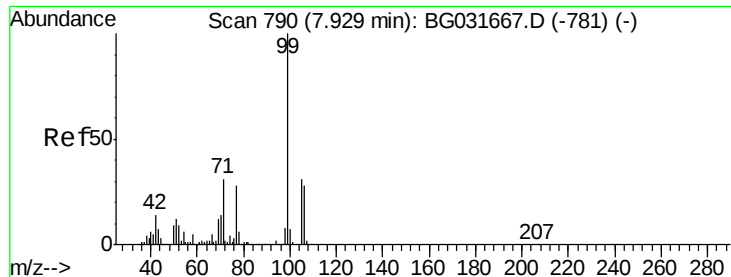
#5

2-Fluorophenol
Concen: 137.323 ng
RT: 6.21 min Scan# 498
Delta R.T. 0.00 min
Lab File: BG031875.D
Acq: 2 Jan 2018 17:25



Tgt Ion	Ratio	Lower	Upper
112	100		
64	49.4	56.3	84.5#
63	25.7	30.1	45.1#





#7

Phenol-d6

Concen: 123.446 ng

RT: 7.89 min Scan# 783

Delta R.T. -0.01 min

Lab File: BG031875.D

Acq: 2 Jan 2018 17:25

Instrument :

BNA_G

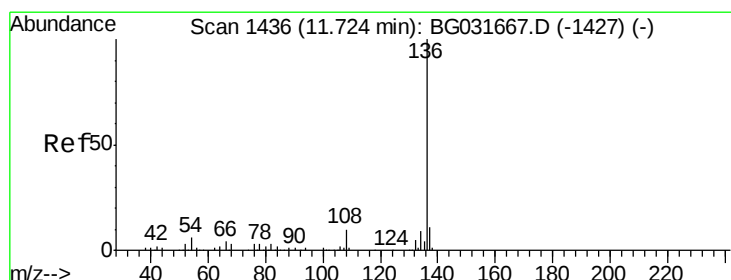
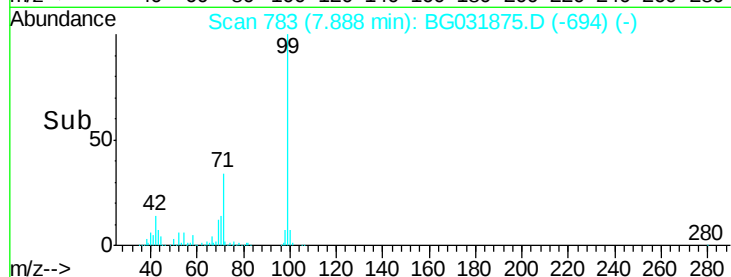
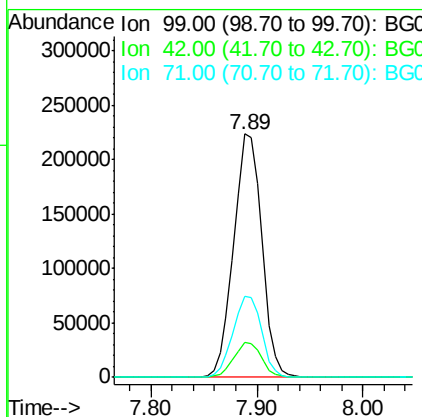
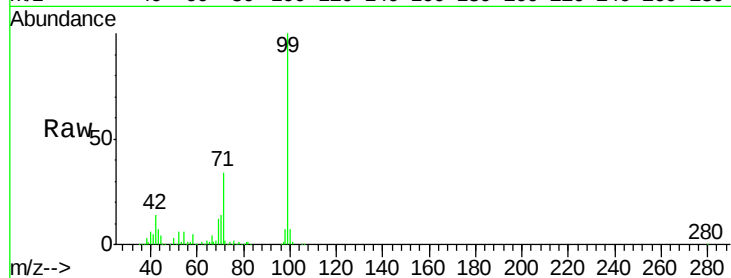
ClientSampleId :

CL-01-122917-B

Tgt Ion	Ratio	Resp	Lower	Upper
99	100	413439		
42	14.2	14.1	21.1	
71	33.5	26.1	39.1	

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#21

Naphthalene-d8

Concen: 20.000 ng

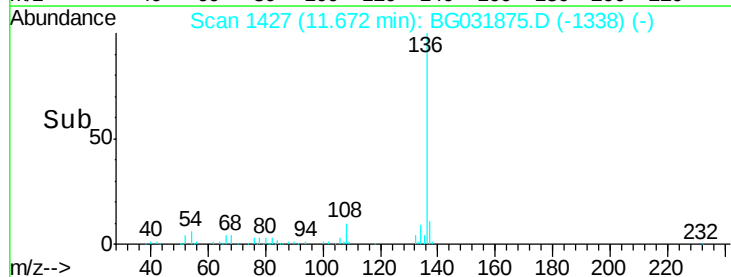
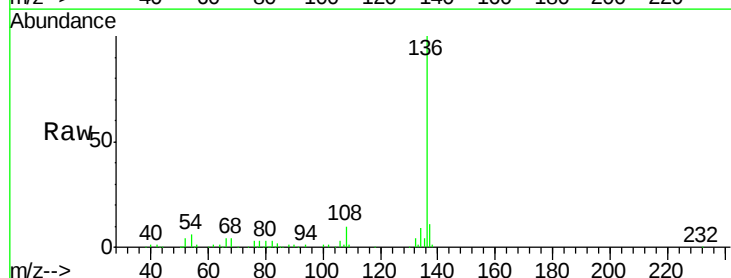
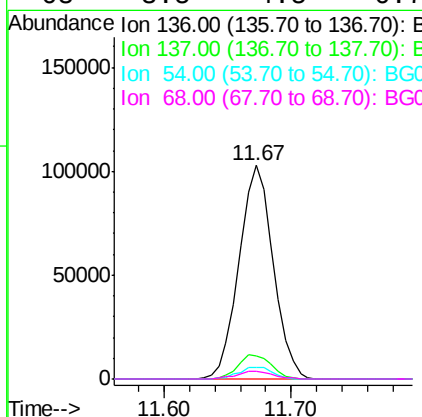
RT: 11.67 min Scan# 1427

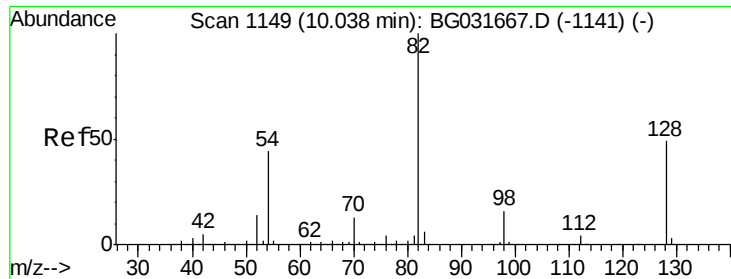
Delta R.T. -0.01 min

Lab File: BG031875.D

Acq: 2 Jan 2018 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	192122		
137	10.7	9.2	13.8	
54	5.7	10.3	15.5#	
68	3.5	4.5	6.7#	





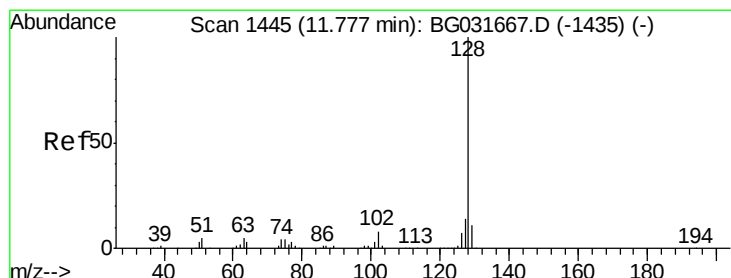
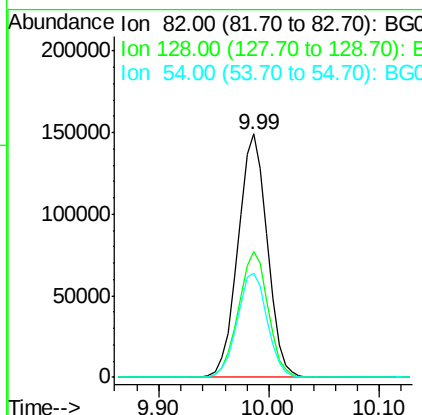
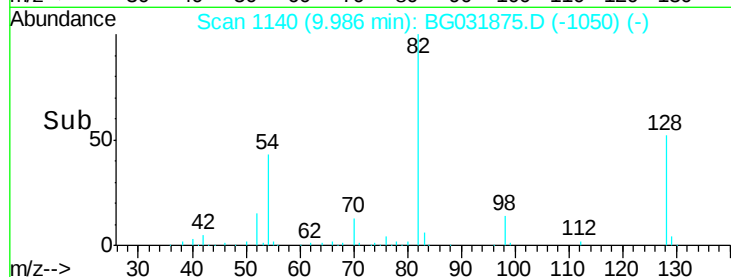
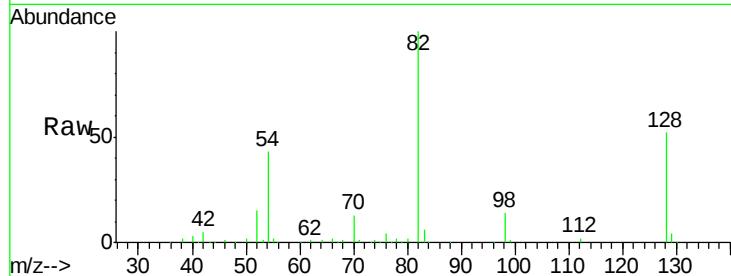
#23
 Nitrobenzene-d5
 Concen: 109.365 ng
 RT: 9.99 min Scan# 1140
 Delta R.T. 0.00 min
 Lab File: BG031875.D
 Acq: 2 Jan 2018 17:25

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-122917-B

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	278252		
128	51.6	29.7	44.5#	
54	42.8	43.1	64.7#	

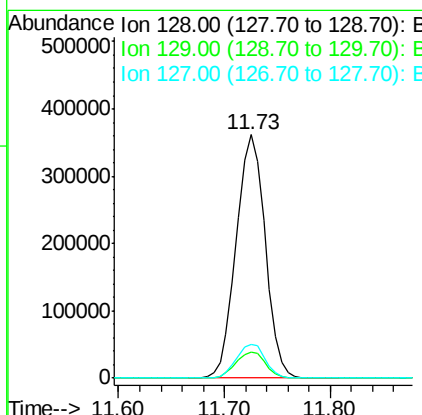
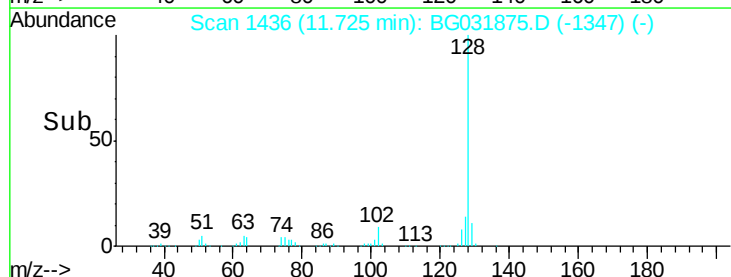
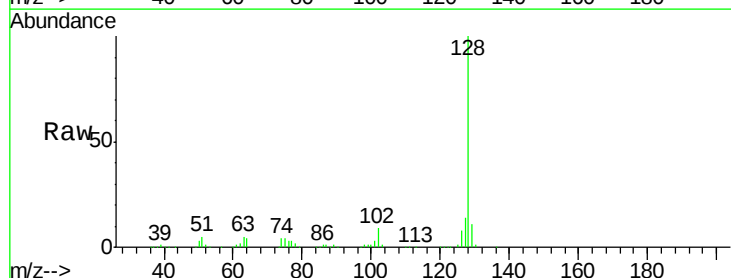
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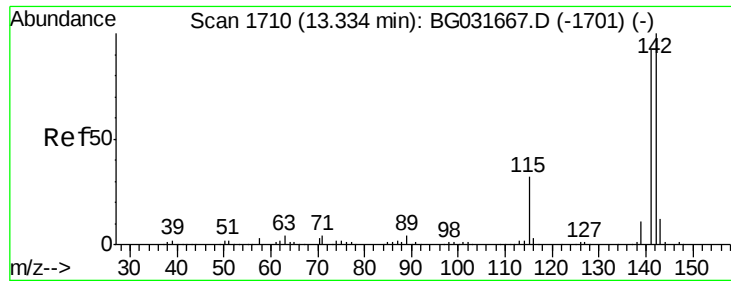
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#31
 Naphthalene
 Concen: 70.961 ng
 RT: 11.73 min Scan# 1436
 Delta R.T. -0.01 min
 Lab File: BG031875.D
 Acq: 2 Jan 2018 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	688032		
129	10.6	8.6	12.8	
127	13.8	11.6	17.4	





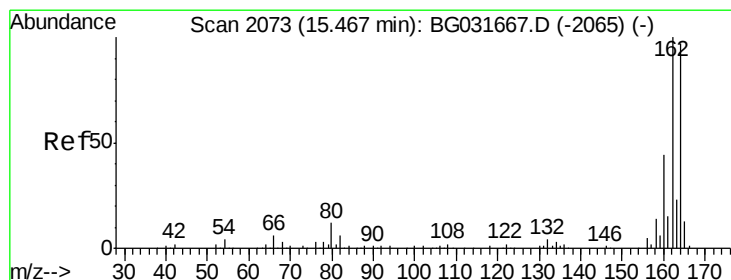
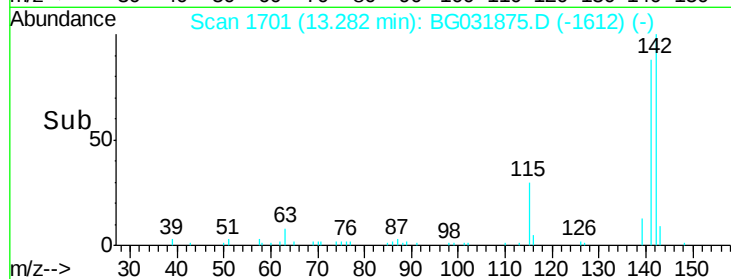
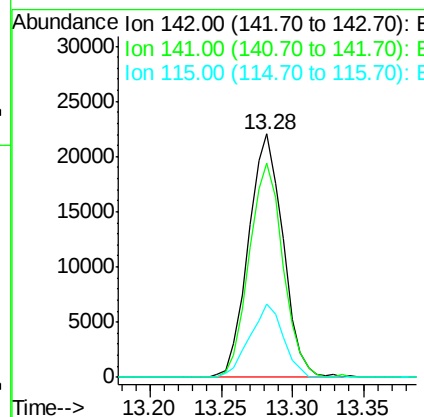
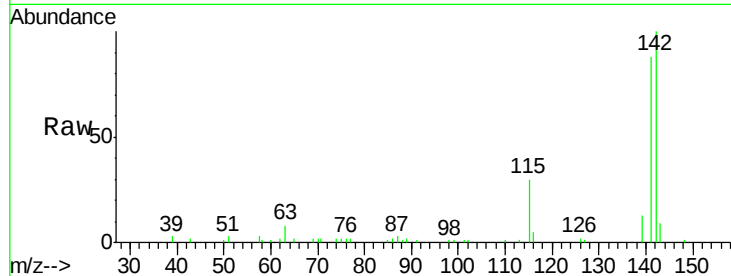
#37
 2-Methylnaphthalene
 Concen: 4.748 ng m
 RT: 13.28 min Scan# 1701
 Delta R.T. -0.01 min
 Lab File: BG031875.D
 Acq: 2 Jan 2018 17:25

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-122917-B

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.9	67.1	100.7
115	30.1	30.7	46.1#

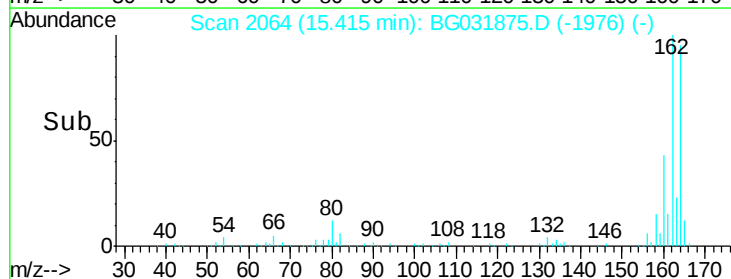
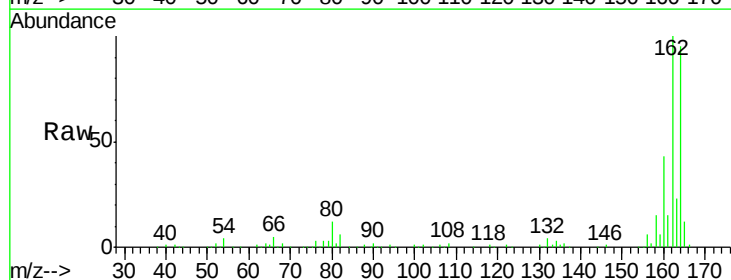
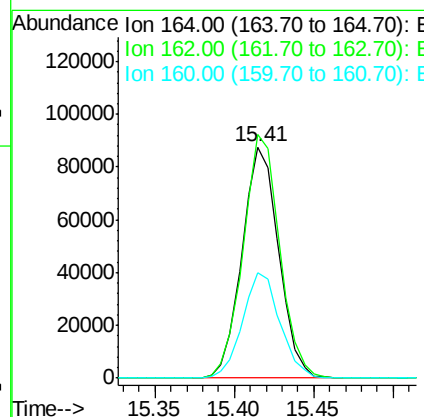
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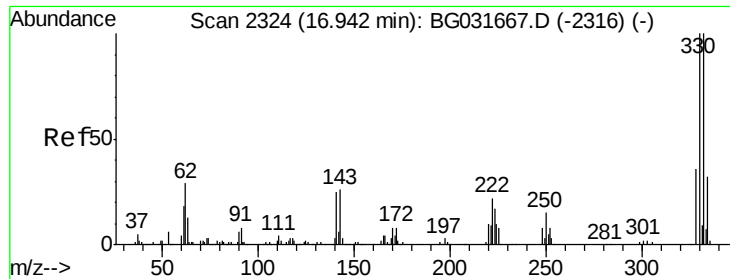
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.41 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: BG031875.D
 Acq: 2 Jan 2018 17:25

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.3	78.8	118.2
160	45.7	35.4	53.0





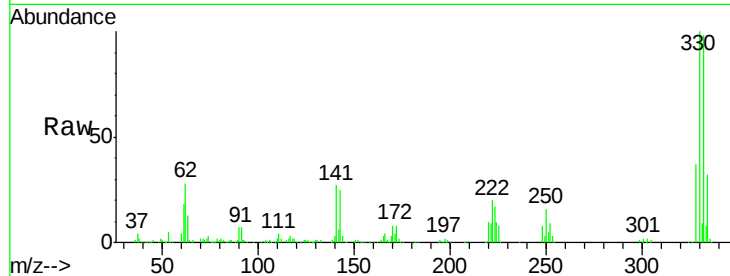
#41
 2,4,6-Tribromophenol
 Concen: 180.957 ng
 RT: 16.89 min Scan# 2315
 Delta R.T. -0.01 min
 Lab File: BG031875.D
 Acq: 2 Jan 2018 17:25

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-122917-B

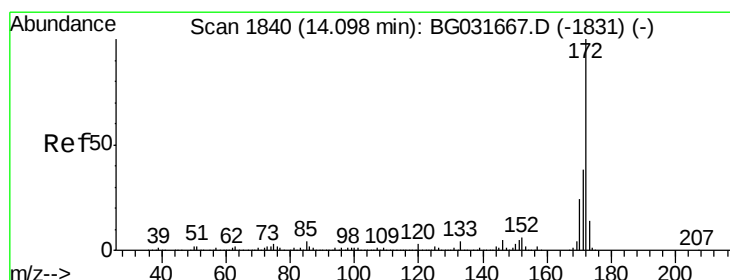
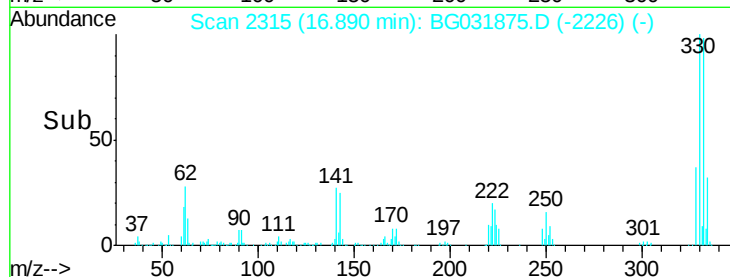
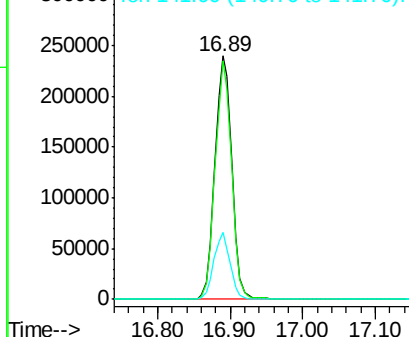
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	387368		
332	95.5	77.0	115.6	
141	26.3	25.2	37.8	

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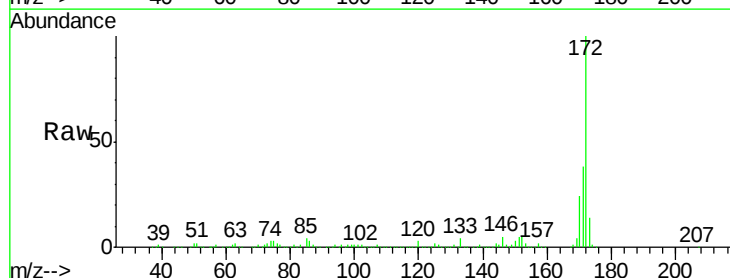


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

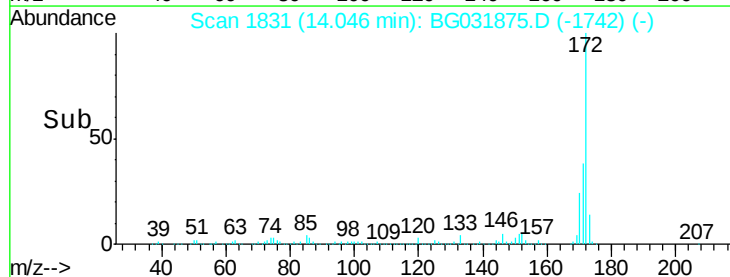
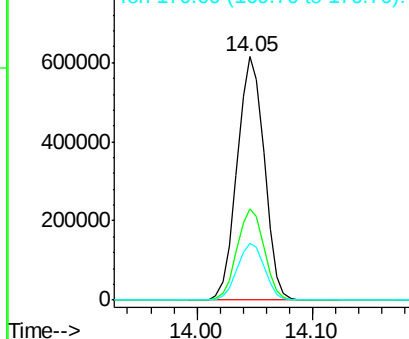


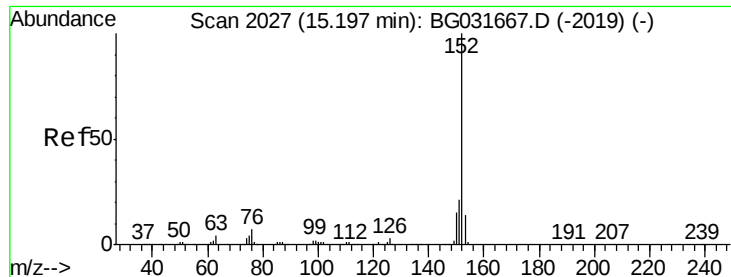
#44
 2-Fluorobiphenyl
 Concen: 89.415 ng
 RT: 14.05 min Scan# 1831
 Delta R.T. -0.01 min
 Lab File: BG031875.D
 Acq: 2 Jan 2018 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	999433		
171	37.7	30.0	45.0	
170	23.6	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





#48

Acenaphthylene

Concen: 3.746 ng

RT: 15.14 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BG031875.D

Acq: 2 Jan 2018 17:25

Instrument :

BNA_G

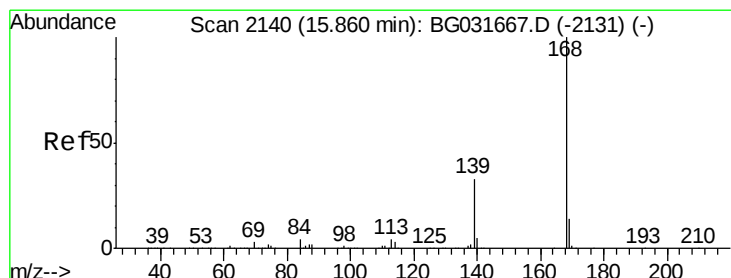
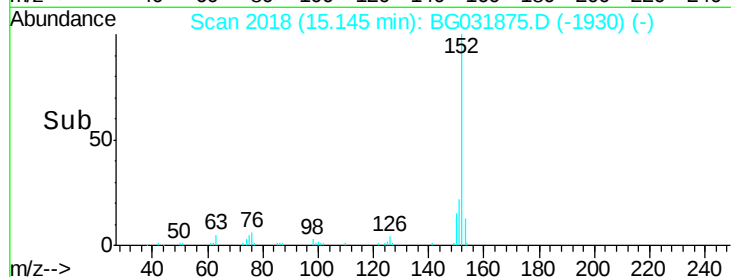
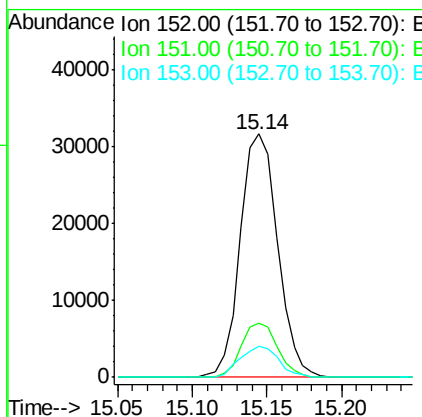
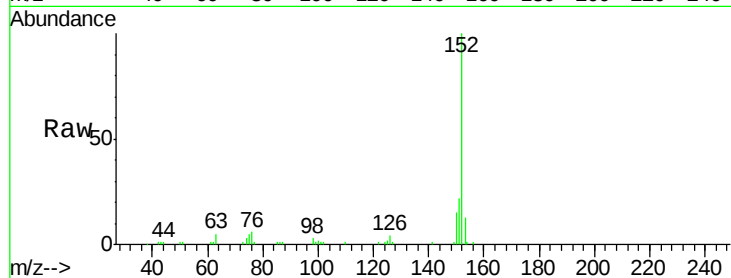
ClientSampleId :

CL-01-122917-B

Tgt Ion:	152	Resp:	54767
Ion Ratio	Lower	Upper	
152	100		
151	22.2	17.2	25.8
153	12.8	10.2	15.4

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#54

Dibenzofuran

Concen: 2.218 ng

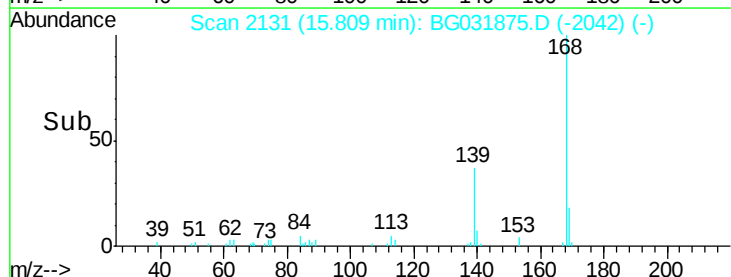
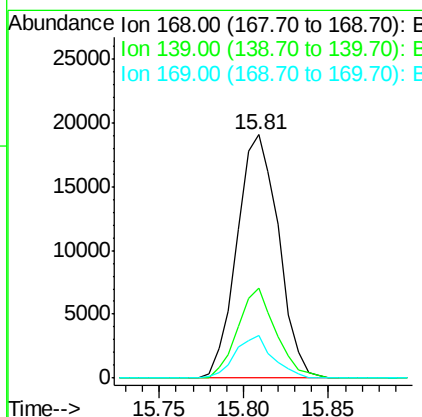
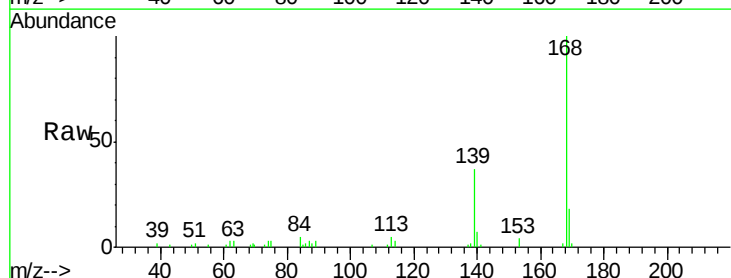
RT: 15.81 min Scan# 2131

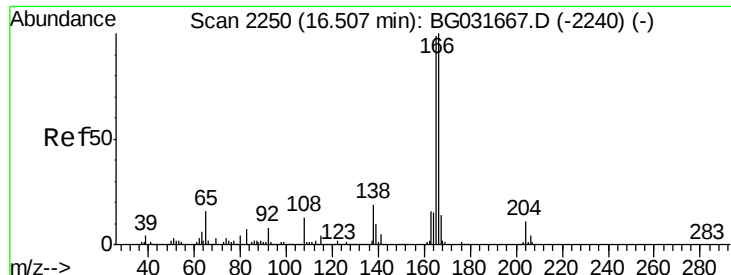
Delta R.T. -0.01 min

Lab File: BG031875.D

Acq: 2 Jan 2018 17:25

Tgt Ion:	168	Resp:	32565
Ion Ratio	Lower	Upper	
168	100		
139	37.0	28.6	43.0
169	17.6	11.2	16.8#





#57

Fluorene

Concen: 2.593 ng

RT: 16.45 min Scan# 2240

Delta R.T. -0.01 min

Lab File: BG031875.D

Acq: 2 Jan 2018 17:25

Instrument :

BNA_G

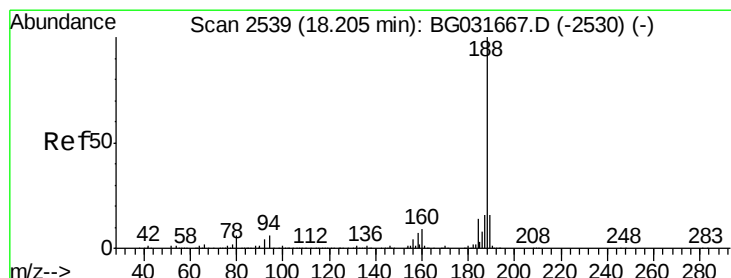
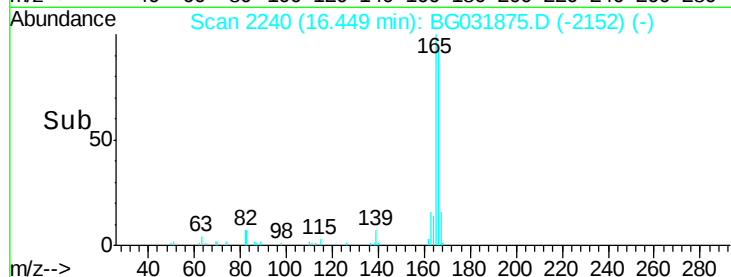
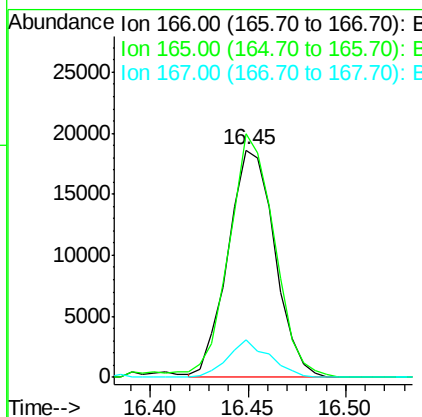
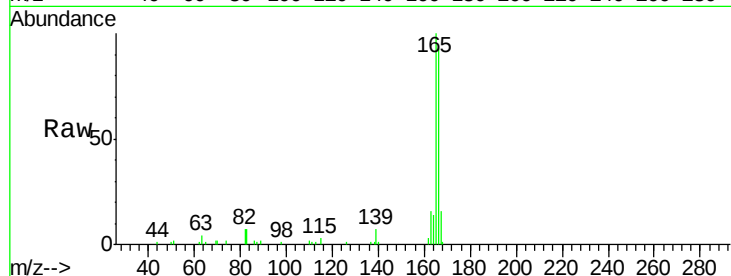
ClientSampleId :

CL-01-122917-B

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	30923		
165	107.0	80.6	121.0	
167	16.7	10.4	15.6	

Manual Integrations
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#63

Phenanthrene-d10

Concen: 20.000 ng

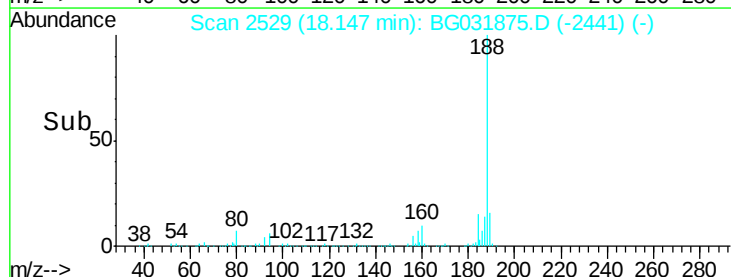
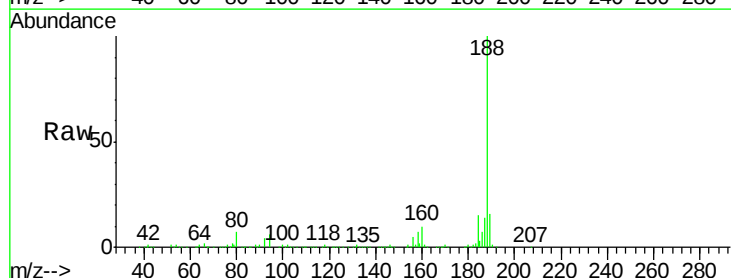
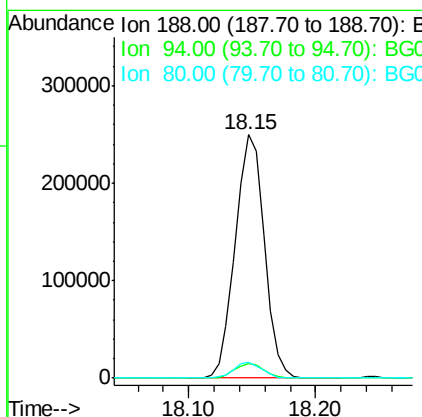
RT: 18.15 min Scan# 2529

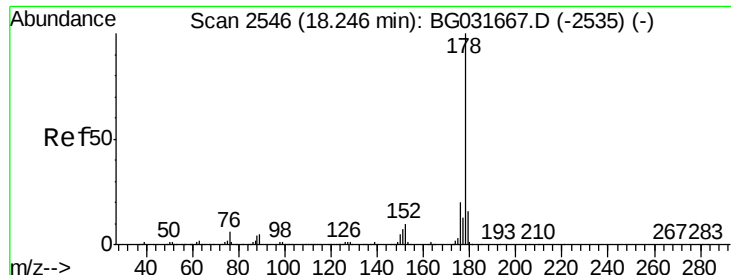
Delta R.T. -0.01 min

Lab File: BG031875.D

Acq: 2 Jan 2018 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	396826		
94	6.1	6.9	10.3	
80	6.6	7.7	11.5	





#70

Phenanthrene

Concen: 2.516 ng

RT: 18.19 min Scan# 2536

Delta R.T. -0.01 min

Lab File: BG031875.D

Acq: 2 Jan 2018 17:25

Instrument :

BNA_G

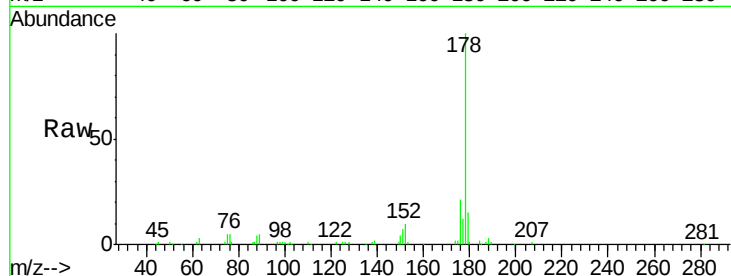
ClientSampleId :

CL-01-122917-B

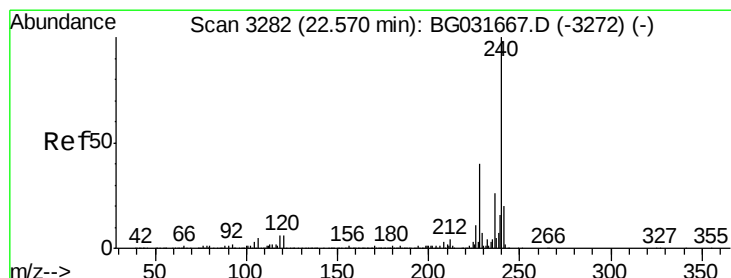
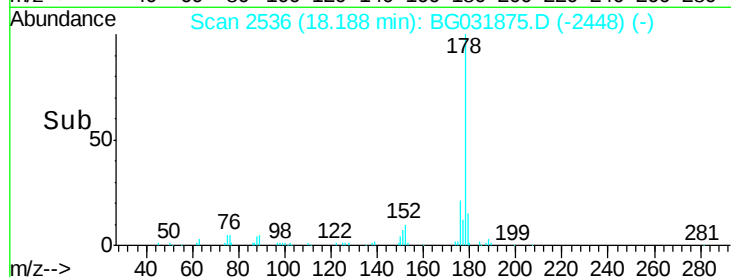
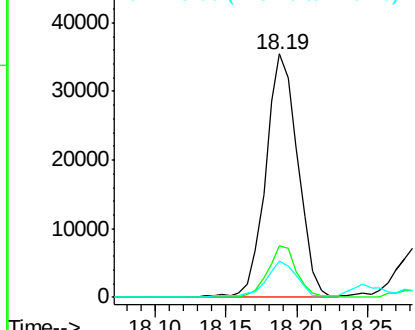
Tgt Ion:	178	Resp:	56496
Ion Ratio	Lower	Upper	
178	100		
176	21.0	15.7	23.5
179	14.9	12.5	18.7

Manual Integrations
APPROVED

Sohil
1/3/2018 10:25:16 AM



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#75

Chrysene-d12

Concen: 20.000 ng

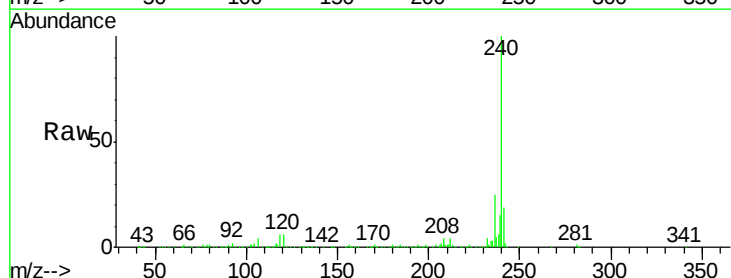
RT: 22.49 min Scan# 3268

Delta R.T. -0.02 min

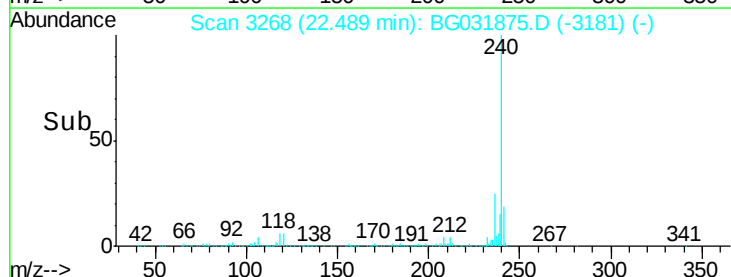
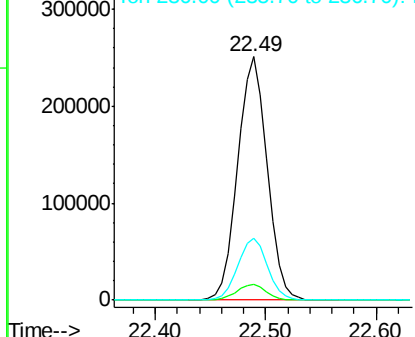
Lab File: BG031875.D

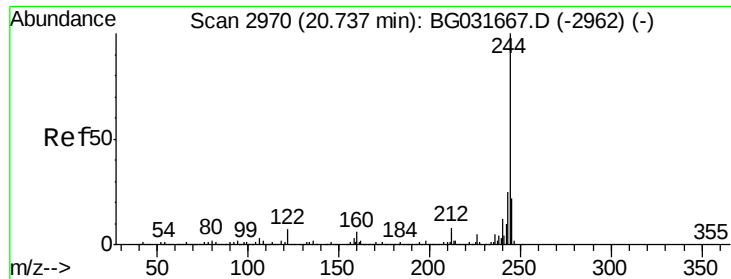
Acq: 2 Jan 2018 17:25

Tgt Ion:	240	Resp:	470729
Ion Ratio	Lower	Upper	
240	100		
120	6.4	6.8	10.2#
236	25.3	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





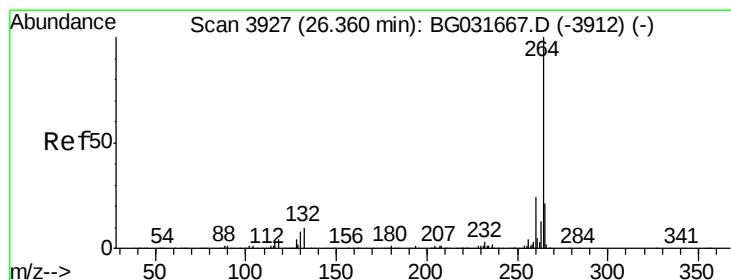
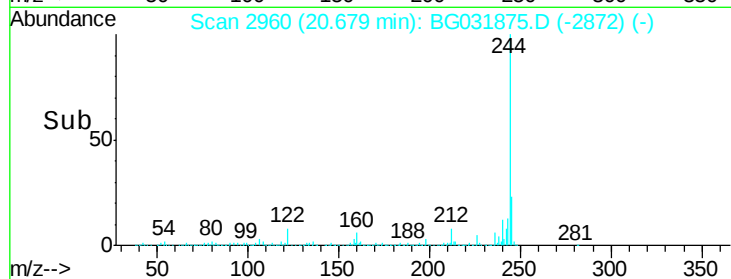
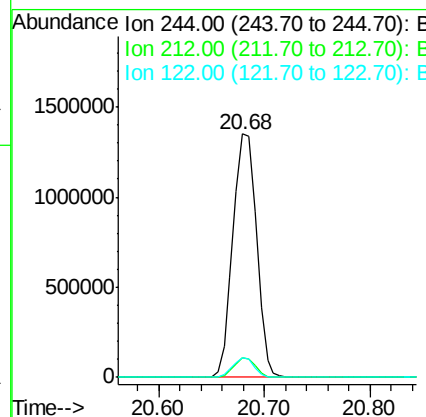
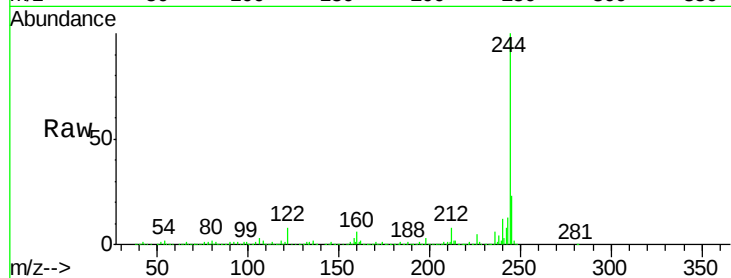
#78
 Terphenyl-d14
 Concen: 101.397 ng
 RT: 20.68 min Scan# 2960
 Delta R.T. -0.01 min
 Lab File: BG031875.D
 Acq: 2 Jan 2018 17:25

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-122917-B

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.8	8.8
122	8.1	7.0	10.4

Manual Integrations
 APPROVED

Sohil
 1/3/2018 10:25:16 AM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.22 min Scan# 3903
 Delta R.T. -0.03 min
 Lab File: BG031875.D
 Acq: 2 Jan 2018 17:25

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	17.4	26.0
265	22.9	17.7	26.5

