

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092017\
 Data File : BG028850.D
 Acq On : 21 Sep 2017 9:46
 Operator : SJ/JU
 Sample : I5310-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NB-01-091917-B

Manual Integrations
 APPROVED

Sohil
 9/22/2017 3:58:20 PM

Quant Time: Sep 21 10:37:41 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 16:57:11 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	33476	20.00	ng	-0.04
21) Naphthalene-d8	11.10	136	136880	20.00	ng	-0.05
38) Acenaphthene-d10	14.91	164	100330	20.00	ng	-0.04
63) Phenanthrene-d10	17.66	188	266130	20.00	ng	-0.04
75) Chrysene-d12	21.98	240	295352	20.00	ng	-0.05
86) Perylene-d12	25.45	264	288815	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.86	112	278991	137.52	ng	-0.05
7) Phenol-d6	7.44	99	338625	110.86	ng	-0.05
23) Nitrobenzene-d5	9.45	82	278100	97.19	ng	-0.05
41) 2,4,6-Tribromophenol	16.40	330	237092	142.88	ng	-0.04
44) 2-Fluorobiphenyl	13.53	172	708882	94.21	ng	-0.04
78) Terphenyl-d14	20.25	244	1360378	98.23	ng	-0.03
Target Compounds						
12) 1,3-Dichlorobenzene	8.18	146	6177m	2.536	ng	Qvalue
13) 1,4-Dichlorobenzene	8.33	146	27442	10.958	ng	93
14) 1,2-Dichlorobenzene	8.64	146	19513	7.887	ng	97
30) 1,2,4-Trichlorobenzene	10.97	180	21411	7.653	ng	94
31) Naphthalene	11.16	128	198938	27.827	ng	99
35) Caprolactam	12.04	113	4558	5.183	ng	# 86
37) 2-Methylnaphthalene	12.75	142	33323	6.243	ng	95
57) Fluorene	15.95	166	17995	2.150	ng	86
70) Phenanthrene	17.70	178	47271	3.473	ng	94
72) Carbazole	18.07	167	45811	3.700	ng	94
83) Bis(2-ethylhexyl)phthalate	21.82	149	168897	17.267	ng	99

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

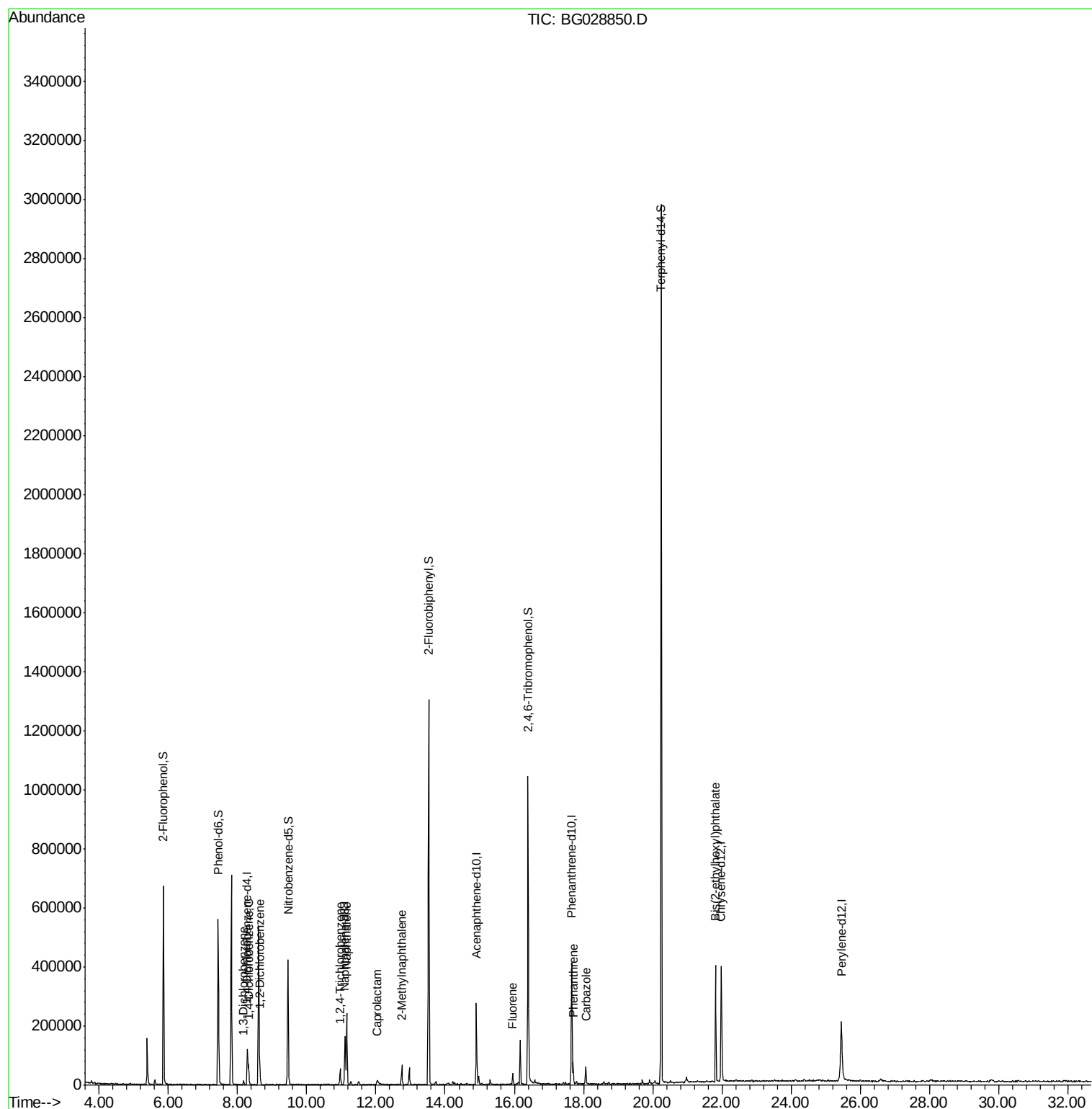
Data Path : Z:\HPCHEM1\BNA G\DATA\BG092017\
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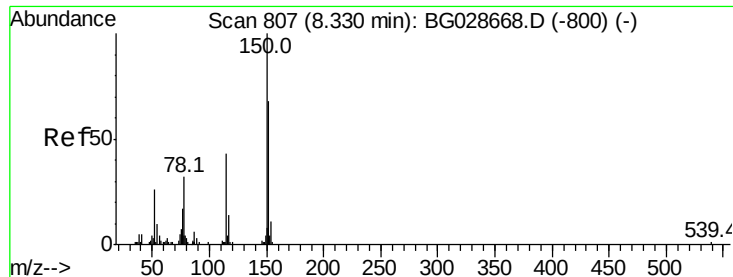
Instrument :
BNA_G
ClientSampleId :
NB-01-091917-B

Manual Integrations
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Quant Time: Sep 21 10:37:41 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 16:57:11 2017
Response via : Initial Calibration





#1

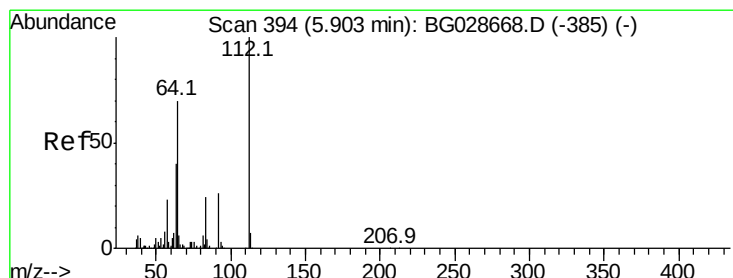
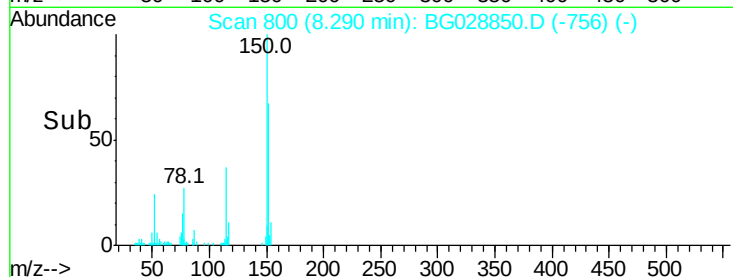
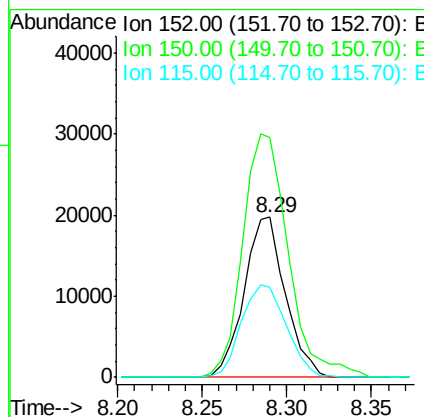
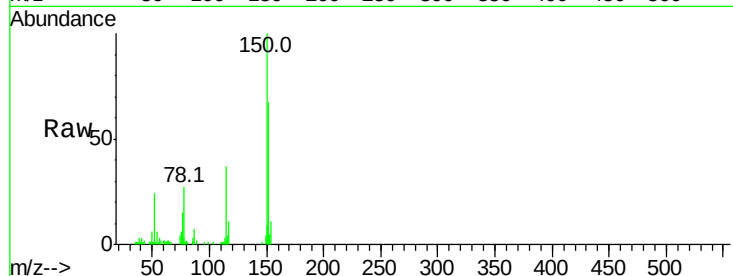
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.29 min Scan# 800
Delta R.T. -0.04 min
Lab File: BG028850.D
Acq: 21 Sep 2017 9:46

Instrument :
BNA_G
ClientSampleId :
NB-01-091917-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.2	114.0	171.0
115	55.9	48.1	72.1

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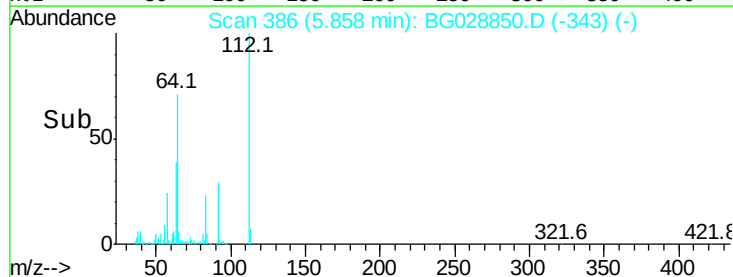
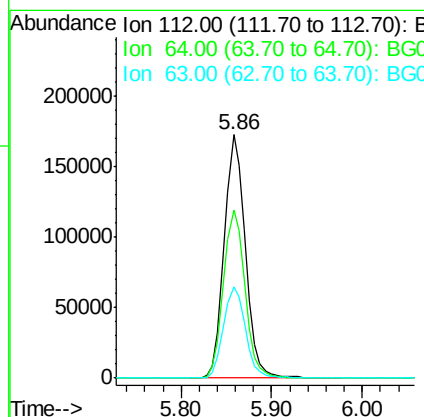
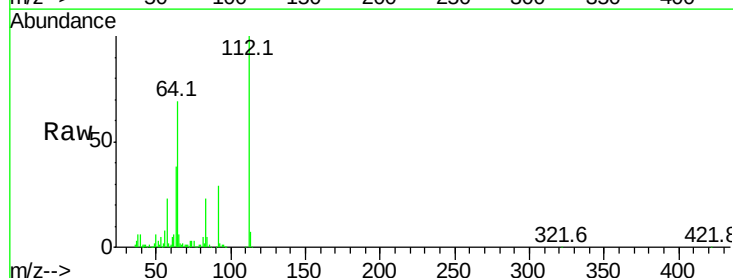
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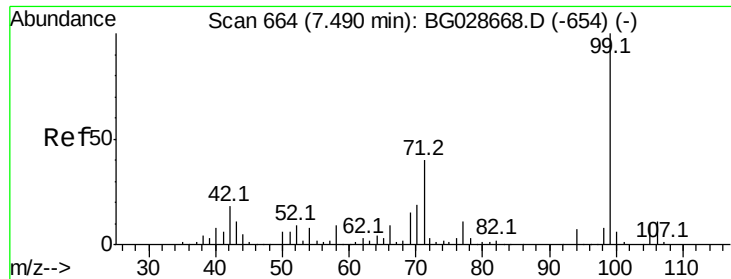


#5

2-Fluorophenol
Concen: 137.516 ng
RT: 5.86 min Scan# 386
Delta R.T. -0.05 min
Lab File: BG028850.D
Acq: 21 Sep 2017 9:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.2	61.8	92.6
63	37.5	37.2	55.8





#7

Phenol-d6

Concen: 110.858 ng

RT: 7.44 min Scan# 656

Delta R.T. -0.05 min

Lab File: BG028850.D

Acq: 21 Sep 2017 9:46

Instrument :

BNA_G

ClientSampled :

NB-01-091917-B

Tot Ion: 99 Resp: 338625

Ion Ratio Lower Upper

99 100

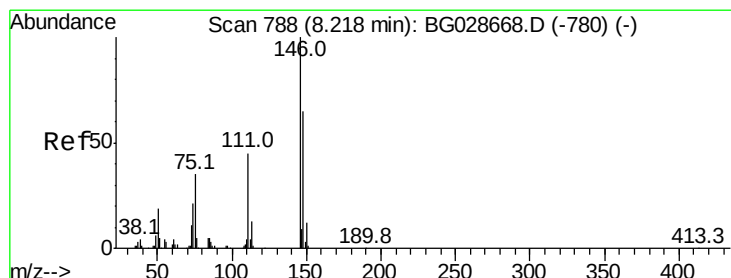
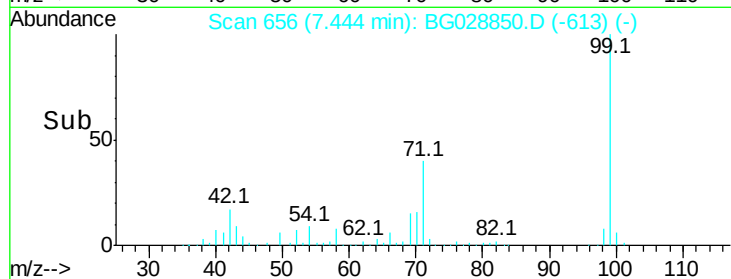
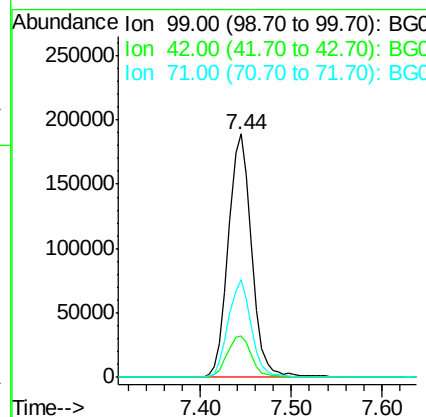
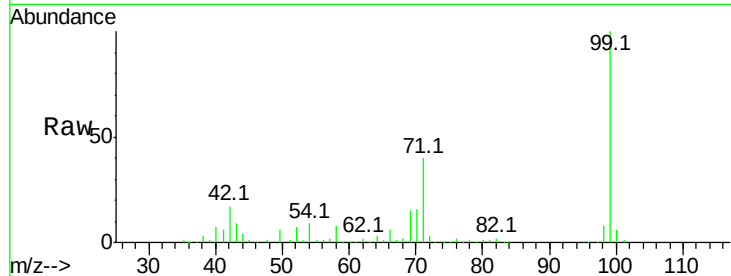
42 17.1 20.5 30.7#

71 40.1 37.6 56.4

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#12

1,3-Dichlorobenzene

Concen: 2.536 ng m

RT: 8.18 min Scan# 781

Delta R.T. -0.04 min

Lab File: BG028850.D

Acq: 21 Sep 2017 9:46

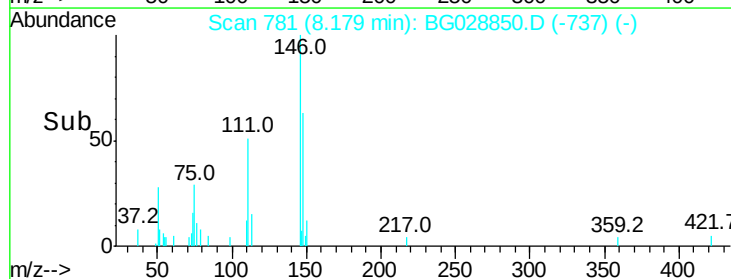
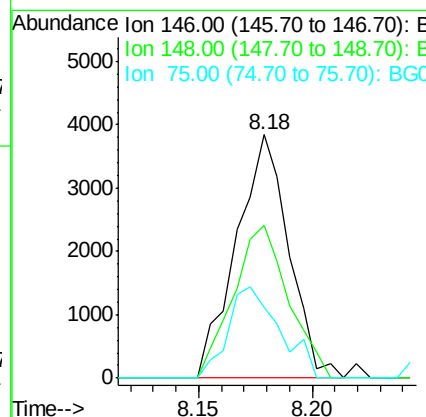
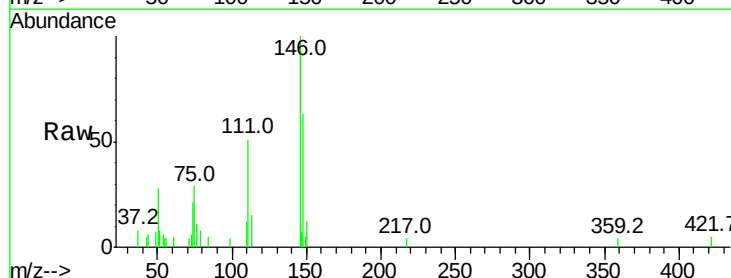
Tgt Ion: 146 Resp: 6177

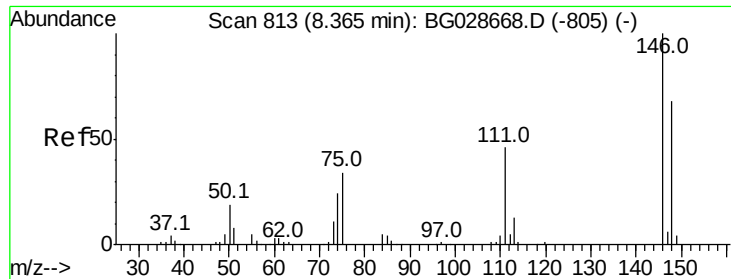
Ion Ratio Lower Upper

146 100

148 62.8 49.2 73.8

75 29.0 33.4 50.2#





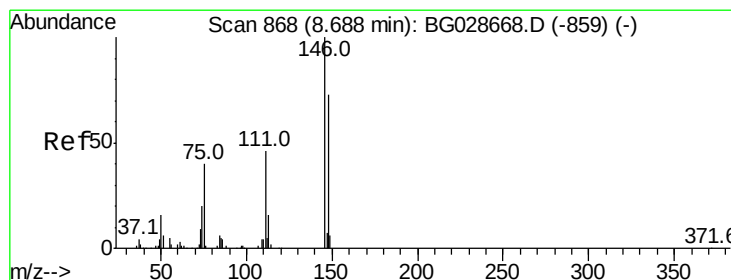
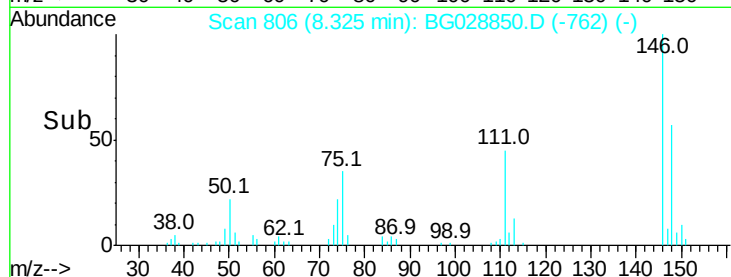
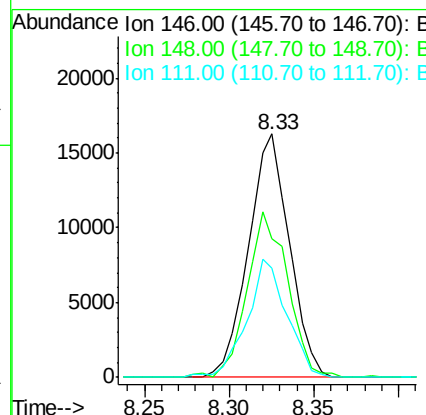
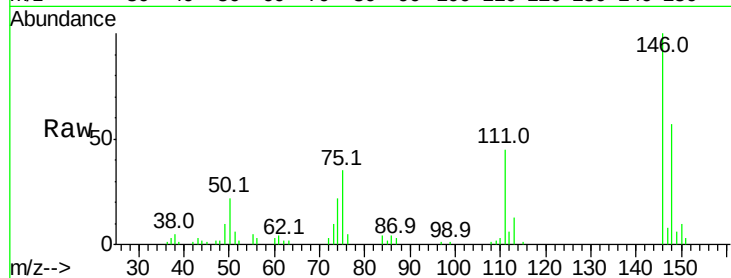
#13
 1,4-Dichlorobenzene
 Concen: 10.958 ng
 RT: 8.33 min Scan# 806
 Delta R.T. -0.04 min
 Lab File: BG028850.D
 Acq: 21 Sep 2017 9:46

Instrument :
 BNA_G
 ClientSampleId :
 NB-01-091917-B

Tot Ion	Ratio	Lower	Upper
146	100		
148	57.0	52.2	78.2
111	44.7	37.0	55.6

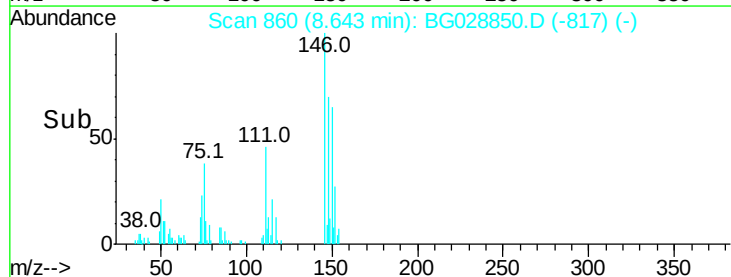
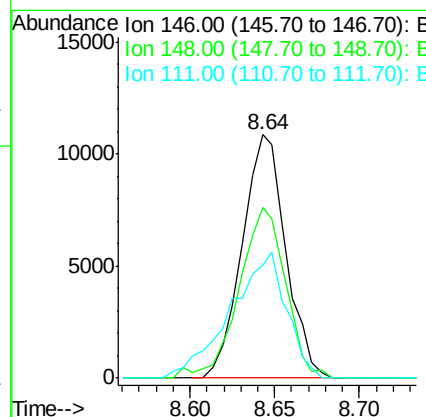
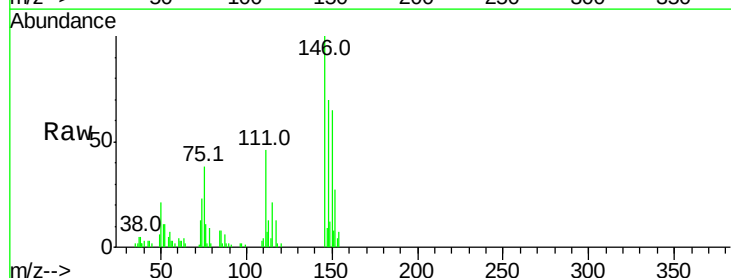
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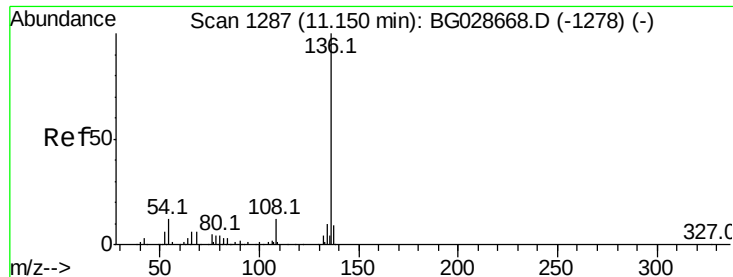
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#14
 1,2-Dichlorobenzene
 Concen: 7.887 ng
 RT: 8.64 min Scan# 860
 Delta R.T. -0.05 min
 Lab File: BG028850.D
 Acq: 21 Sep 2017 9:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	69.8	54.6	81.8
111	46.2	39.7	59.5





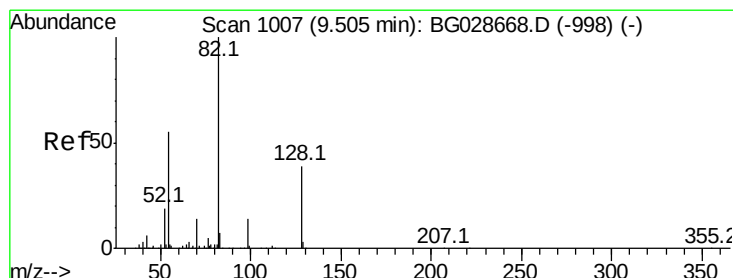
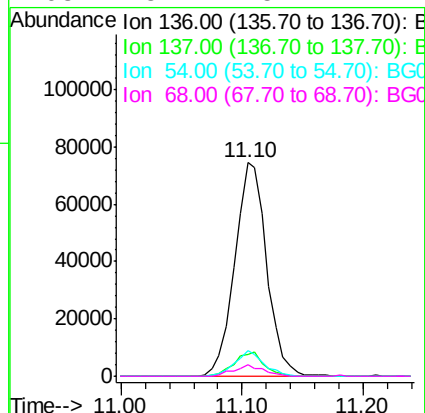
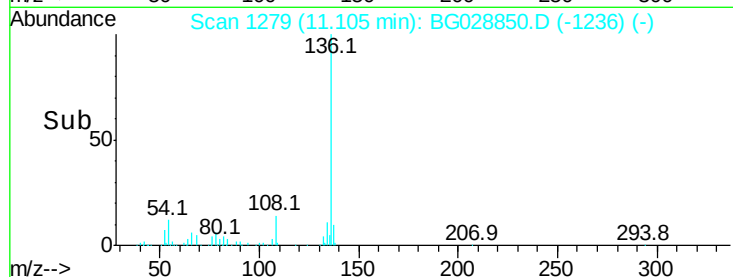
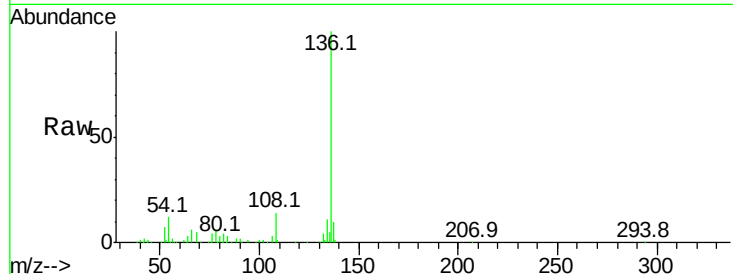
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.10 min Scan# 1279
Delta R.T. -0.05 min
Lab File: BG028850.D
Acq: 21 Sep 2017 9:46

Instrument :
BNA_G
ClientSampleId :
NB-01-091917-B

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.5	8.9	13.3	
54	12.1	9.3	13.9	
68	5.4	5.1	7.7	

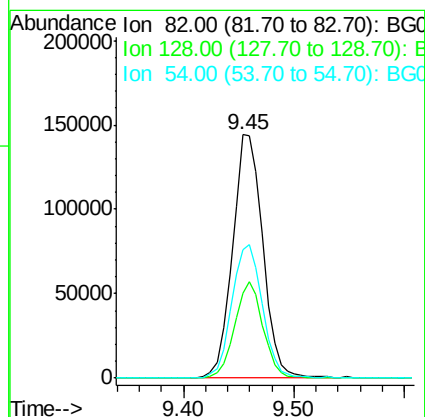
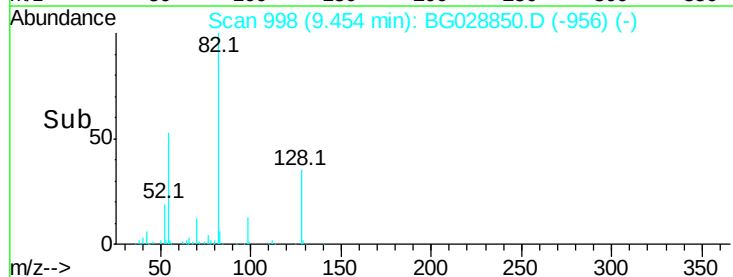
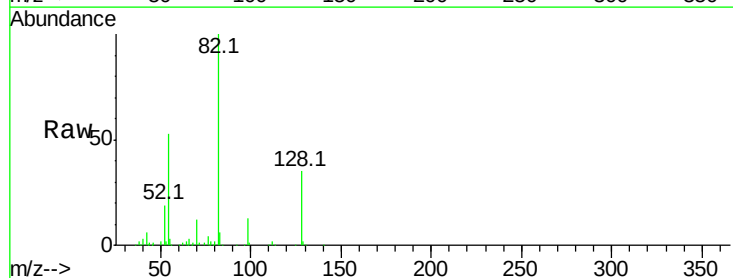
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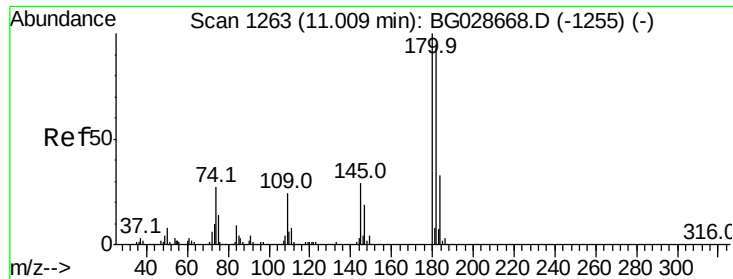
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#23
Nitrobenzene-d5
Concen: 97.192 ng
RT: 9.45 min Scan# 998
Delta R.T. -0.05 min
Lab File: BG028850.D
Acq: 21 Sep 2017 9:46

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	34.8	26.4	39.6	
54	52.6	49.4	74.2	





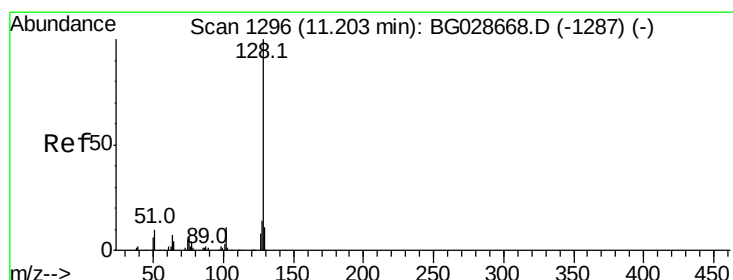
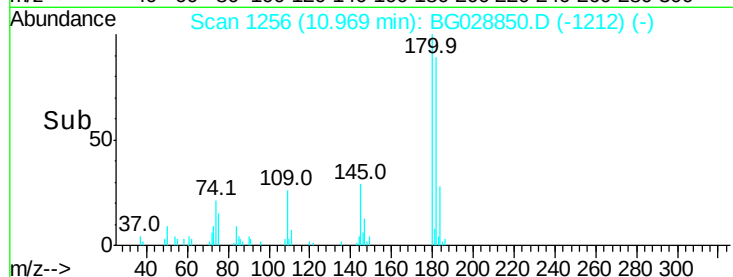
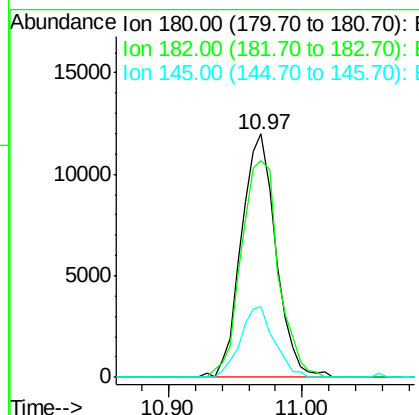
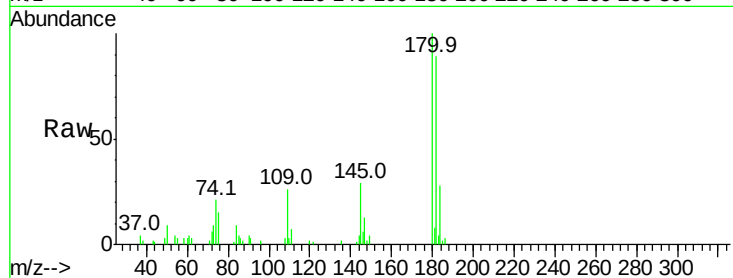
#30
 1,2,4-Trichlorobenzene
 Concen: 7.653 ng
 RT: 10.97 min Scan# 1256
 Delta R.T. -0.04 min
 Lab File: BG028850.D
 Acq: 21 Sep 2017 9:46

Instrument :
 BNA_G
 ClientSampleId :
 NB-01-091917-B

Tot Ion	Ratio	Resp	Lower	Upper
180	100	21411		
182	89.0	77.0	115.4	
145	29.3	23.4	35.0	

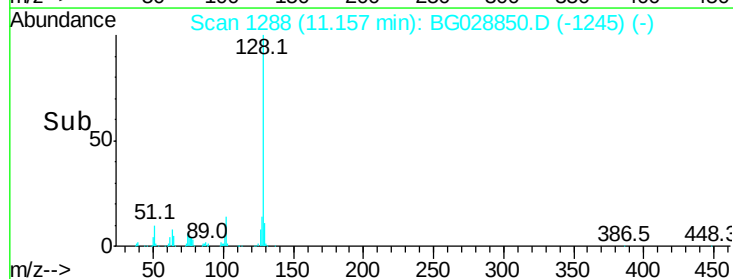
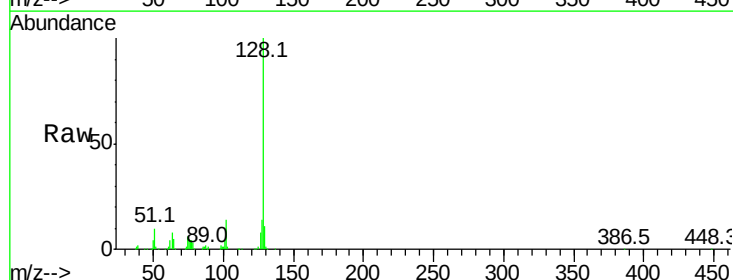
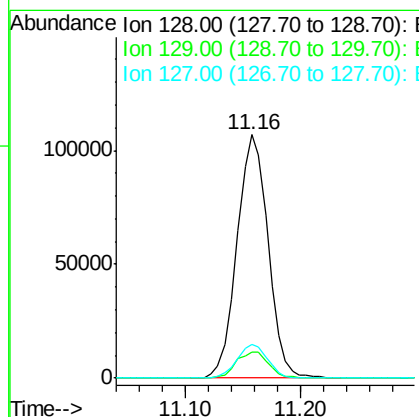
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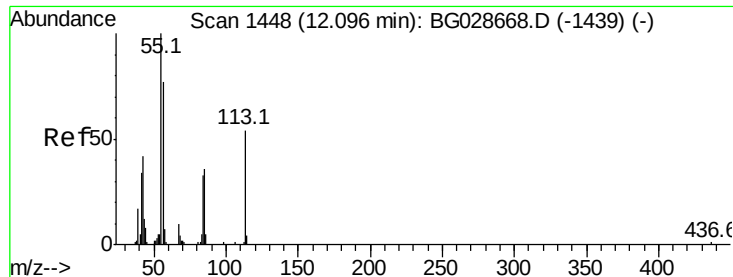
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#31
 Naphthalene
 Concen: 27.827 ng
 RT: 11.16 min Scan# 1288
 Delta R.T. -0.05 min
 Lab File: BG028850.D
 Acq: 21 Sep 2017 9:46

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	198938		
129	10.8	9.3	13.9	
127	13.8	11.4	17.0	





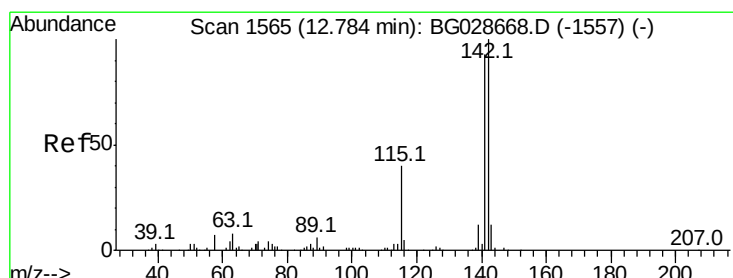
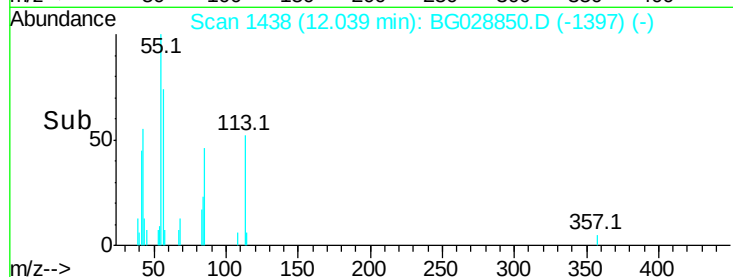
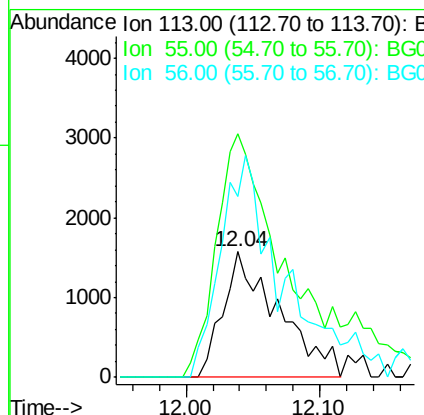
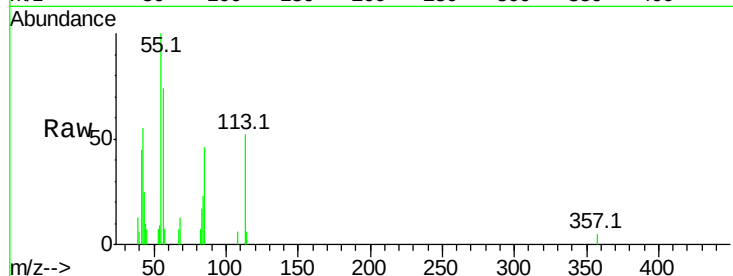
#35
Caprolactam
Concen: 5.183 ng
RT: 12.04 min Scan# 1438
Delta R.T. -0.06 min
Lab File: BG028850.D
Acq: 21 Sep 2017 9:46

Instrument :
BNA_G
ClientSampleId :
NB-01-091917-B

Tot Ion	Ratio	Lower	Upper
113	100		
55	194.1	198.6	238.6#
56	143.9	140.4	180.4

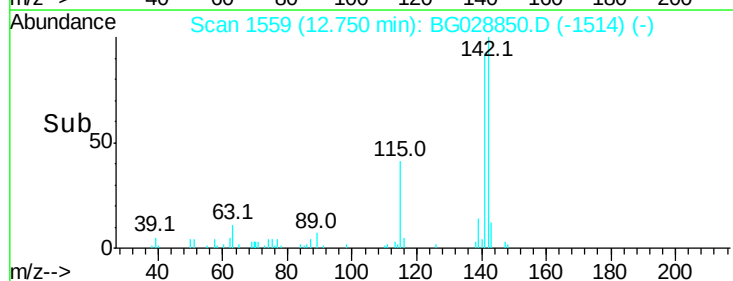
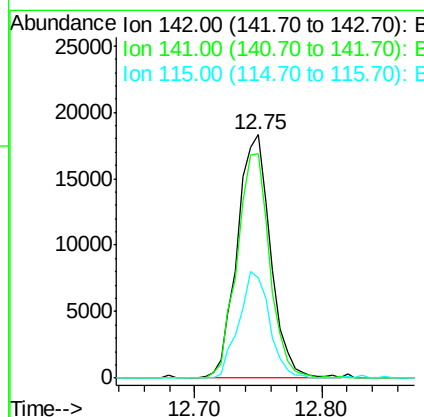
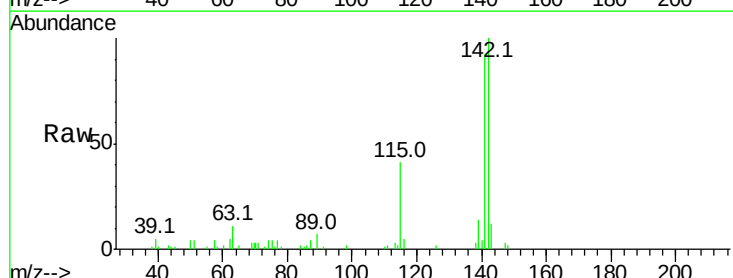
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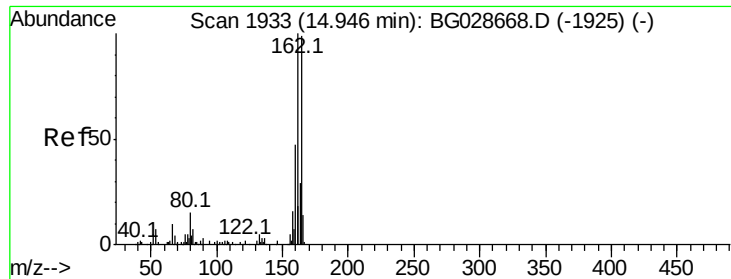
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#37
2-Methylnaphthalene
Concen: 6.243 ng
RT: 12.75 min Scan# 1559
Delta R.T. -0.03 min
Lab File: BG028850.D
Acq: 21 Sep 2017 9:46

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.3	70.4	105.6
115	41.3	35.5	53.3





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.91 min Scan# 1926

Delta R.T. -0.04 min

Lab File: BG028850.D

Acq: 21 Sep 2017 9:46

Instrument :

BNA_G

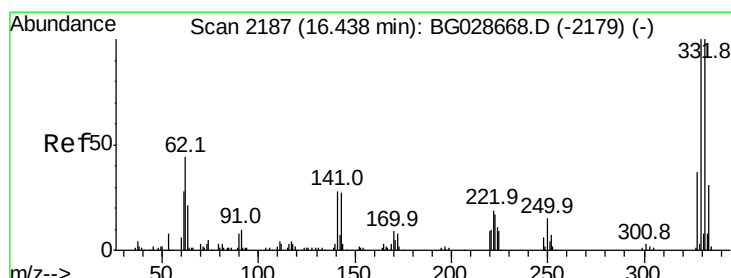
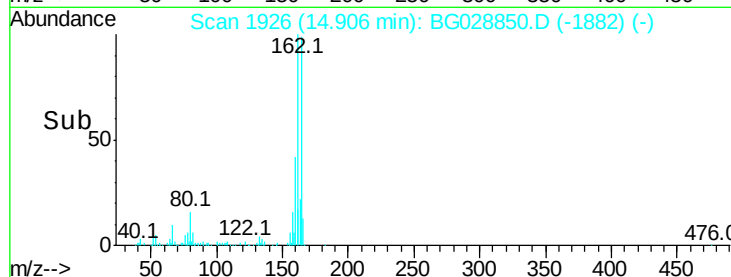
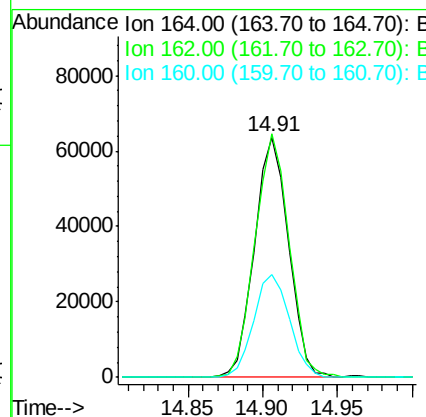
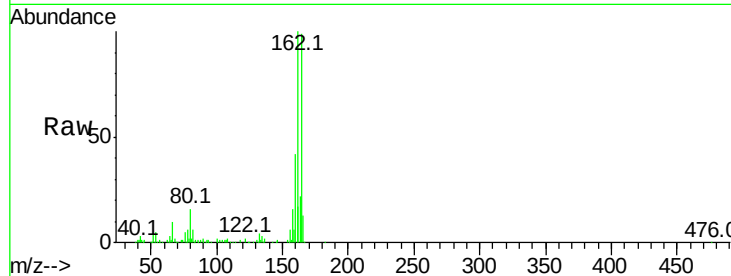
ClientSampleId :

NB-01-091917-B

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.5	85.1	127.7
160	42.6	34.7	52.1

Manual Integrations
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#41

2,4,6-Tribromophenol

Concen: 142.878 ng

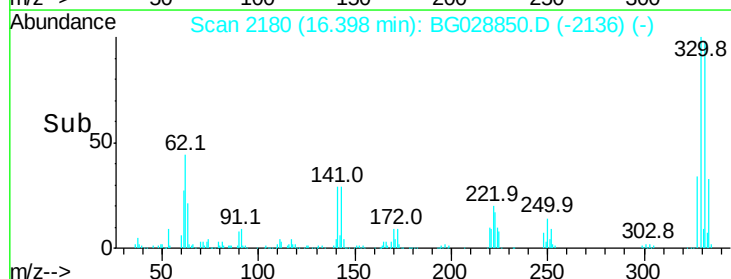
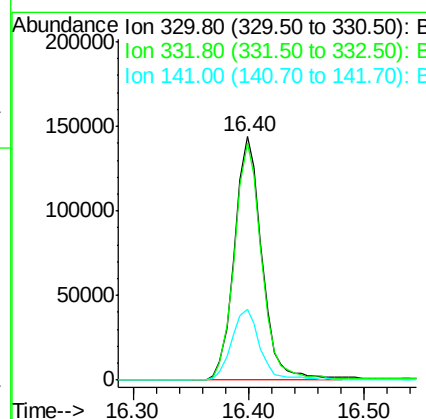
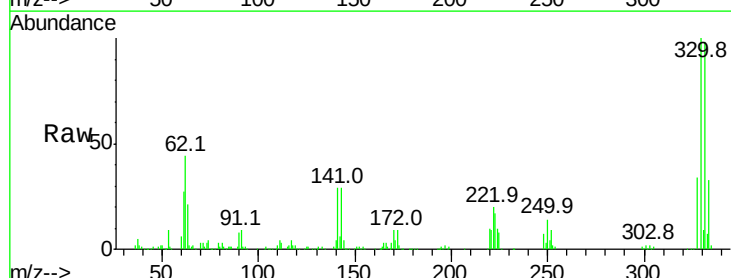
RT: 16.40 min Scan# 2180

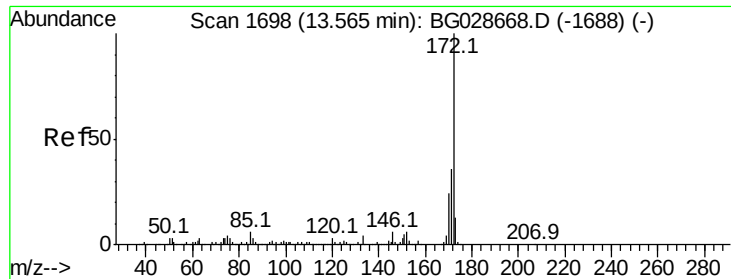
Delta R.T. -0.04 min

Lab File: BG028850.D

Acq: 21 Sep 2017 9:46

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.3	115.9
141	29.8	32.1	48.1#





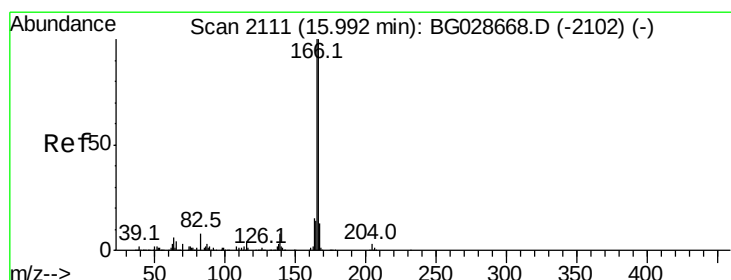
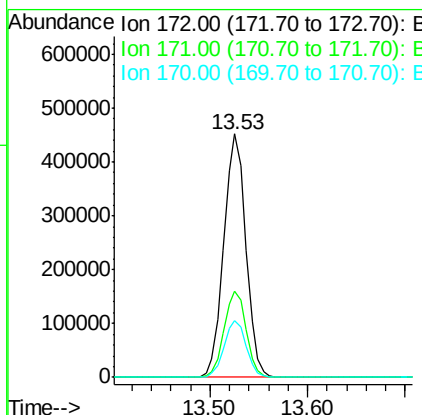
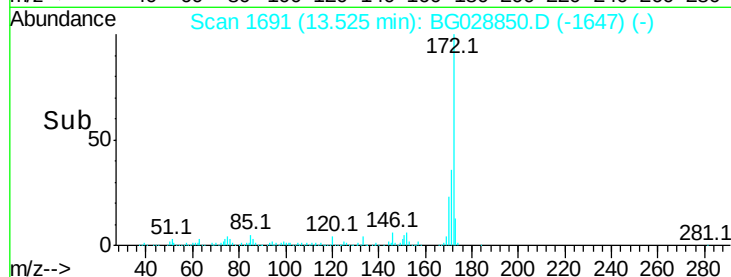
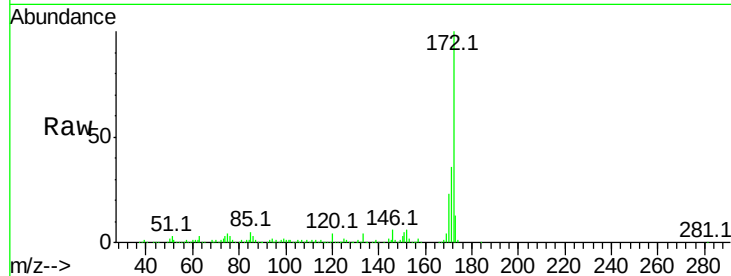
#44
2-Fluorobiphenyl
Concen: 94.213 ng
RT: 13.53 min Scan# 1691
Delta R.T. -0.04 min
Lab File: BG028850.D
Acq: 21 Sep 2017 9:46

Instrument :
BNA_G
ClientSampleId :
NB-01-091917-B

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.6	32.2	48.2	
170	23.4	21.8	32.6	

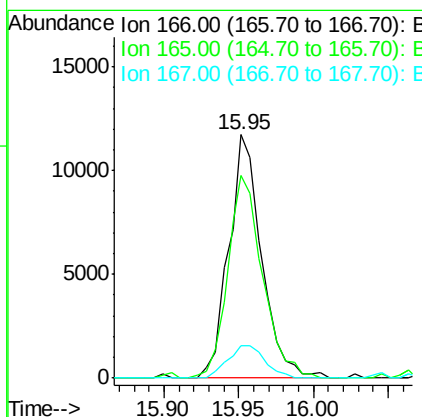
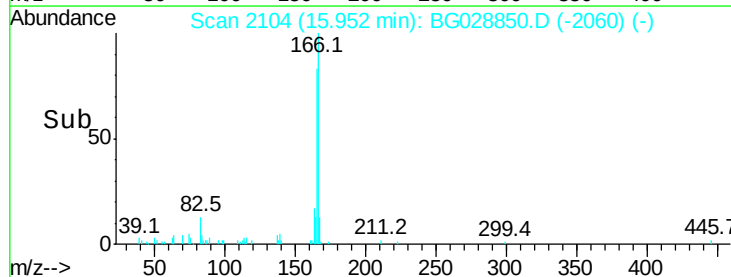
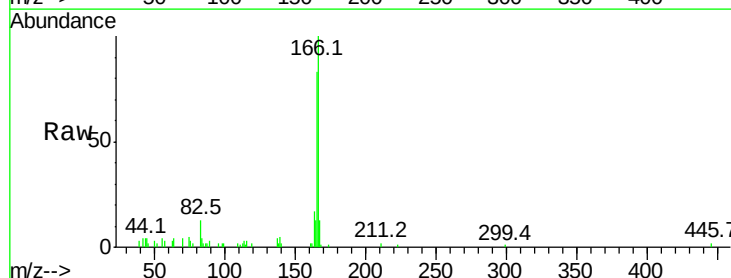
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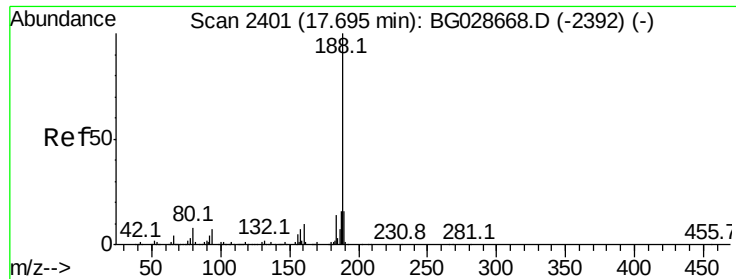
Sohil
9/22/2017 3:58:20 PM



#57
Fluorene
Concen: 2.150 ng
RT: 15.95 min Scan# 2104
Delta R.T. -0.04 min
Lab File: BG028850.D
Acq: 21 Sep 2017 9:46

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	83.2	78.6	117.8	
167	13.1	11.6	17.4	





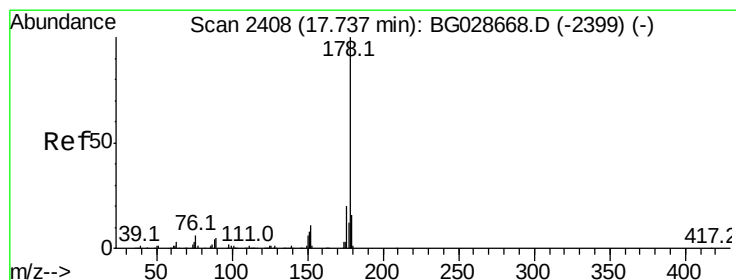
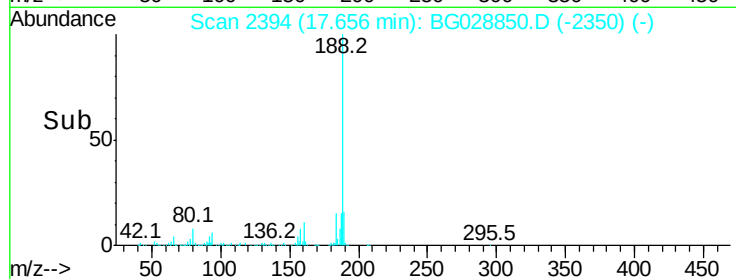
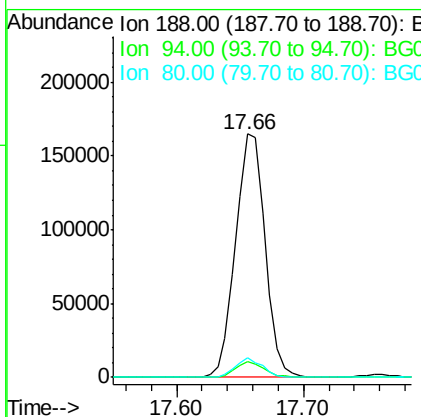
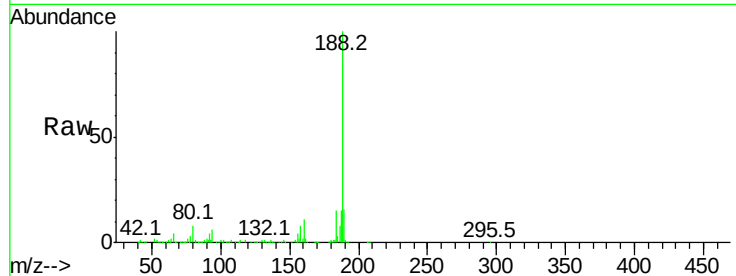
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.66 min Scan# 2394
Delta R.T. -0.04 min
Lab File: BG028850.D
Acq: 21 Sep 2017 9:46

Instrument :
BNA_G
ClientSampleId :
NB-01-091917-B

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	6.3	5.8	8.8
80	7.9	7.5	11.3

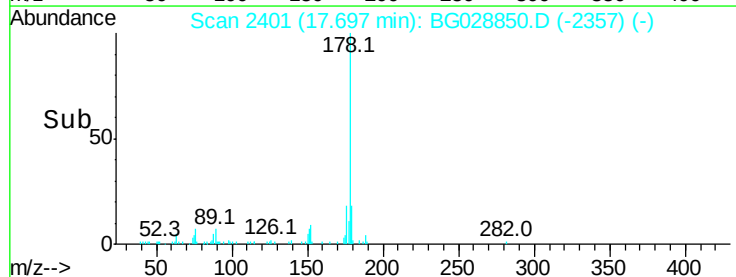
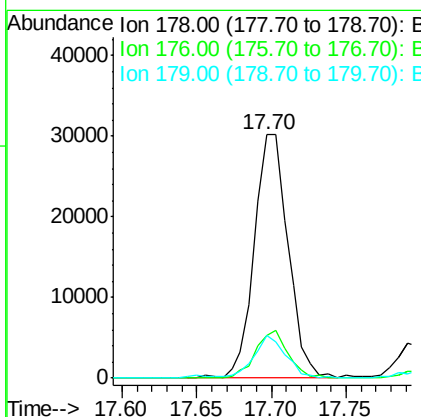
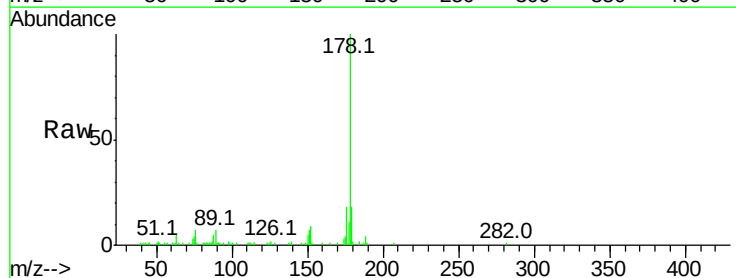
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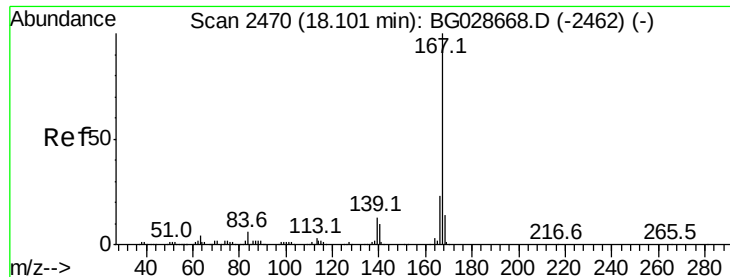
Sohil
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#70
Phenanthrene
Concen: 3.473 ng
RT: 17.70 min Scan# 2401
Delta R.T. -0.04 min
Lab File: BG028850.D
Acq: 21 Sep 2017 9:46

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	17.8	17.7	26.5
179	17.5	15.0	22.6





#72

Carbazole

Concen: 3.700 ng

RT: 18.07 min Scan# 2464

Delta R.T. -0.03 min

Lab File: BG028850.D

Acq: 21 Sep 2017 9:46

Instrument :

BNA_G

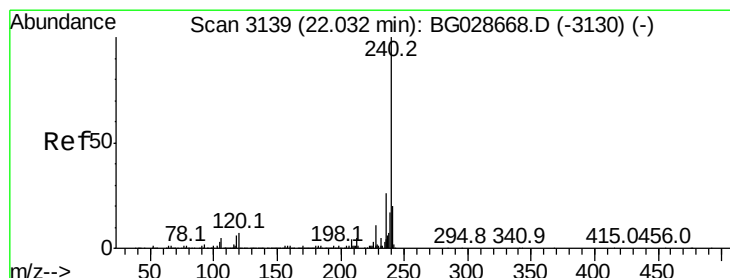
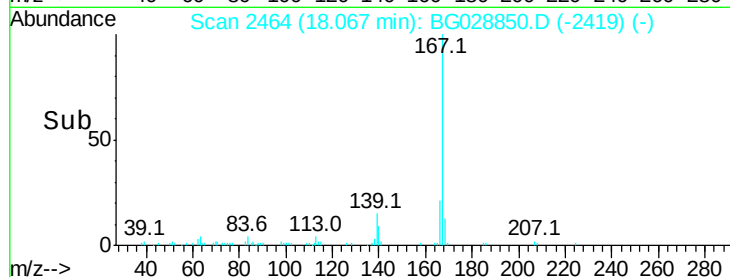
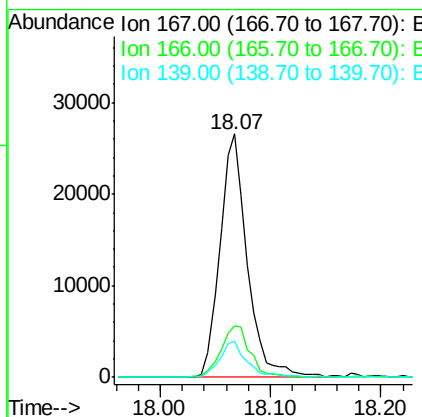
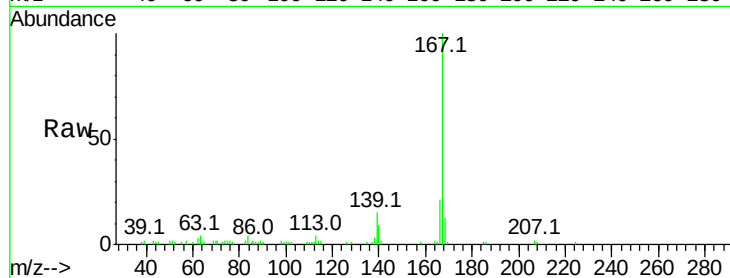
ClientSampled :

NB-01-091917-B

Tot Ion:	167	Resp:	45811
Ion Ratio	Lower	Upper	
167	100		
166	21.4	20.2	30.2
139	14.7	12.8	19.2

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#75

Chrysene-d12

Concen: 20.000 ng

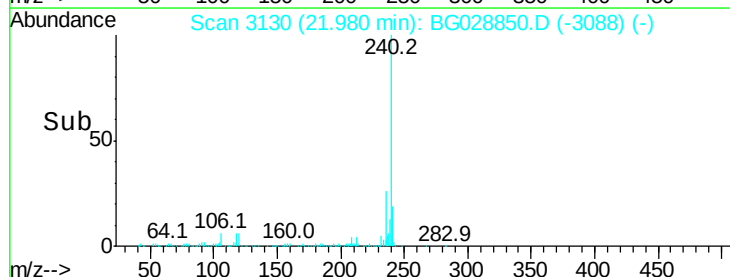
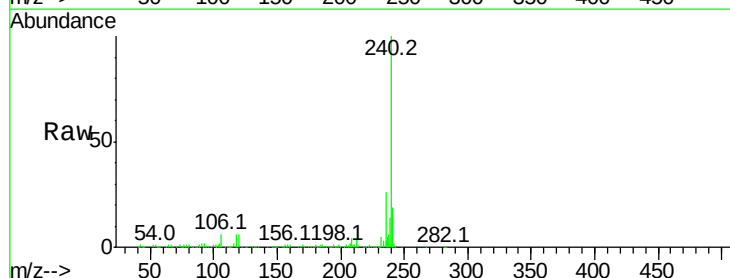
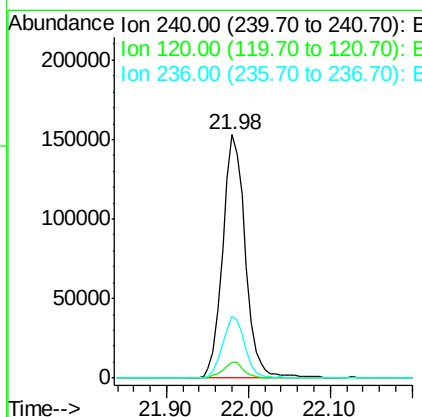
RT: 21.98 min Scan# 3130

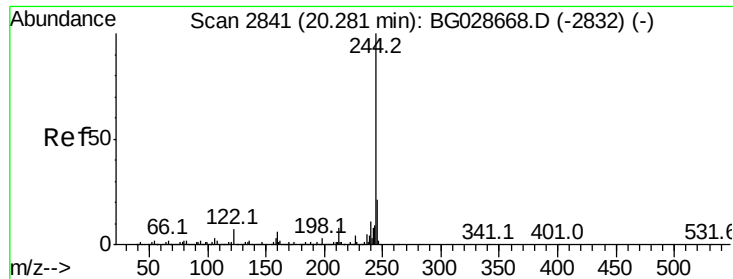
Delta R.T. -0.05 min

Lab File: BG028850.D

Acq: 21 Sep 2017 9:46

Tgt Ion:	240	Resp:	295352
Ion Ratio	Lower	Upper	
240	100		
120	6.2	5.7	8.5
236	25.5	22.2	33.4





#78

Terphenyl-d14

Concen: 98.225 ng

RT: 20.25 min Scan# 2835

Delta R.T. -0.03 min

Lab File: BG028850.D

Acq: 21 Sep 2017 9:46

Instrument :

BNA_G

ClientSampleId :

NB-01-091917-B

Tot Ion:244 Resp: 1360378

Ion Ratio Lower Upper

244 100

212 7.7 10.0 15.0#

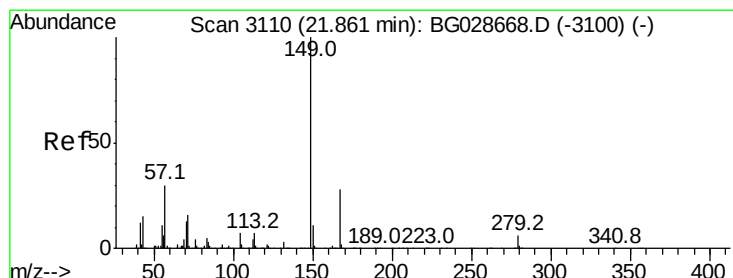
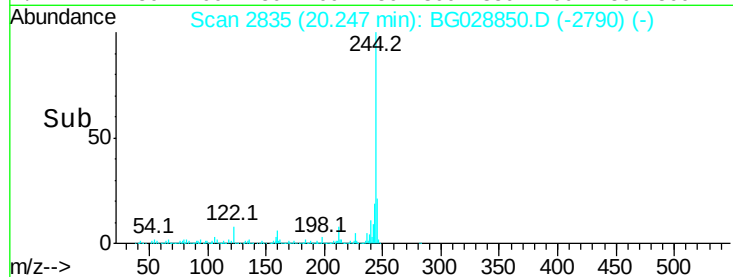
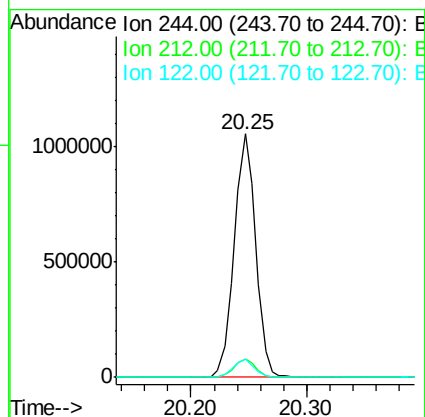
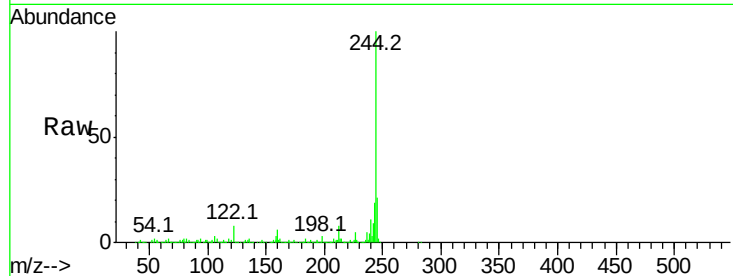
122 7.8 8.6 12.8#

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#83

Bis(2-ethylhexyl)phthalate

Concen: 17.267 ng

RT: 21.82 min Scan# 3102

Delta R.T. -0.05 min

Lab File: BG028850.D

Acq: 21 Sep 2017 9:46

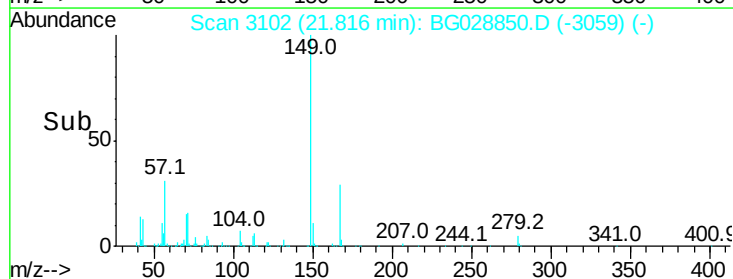
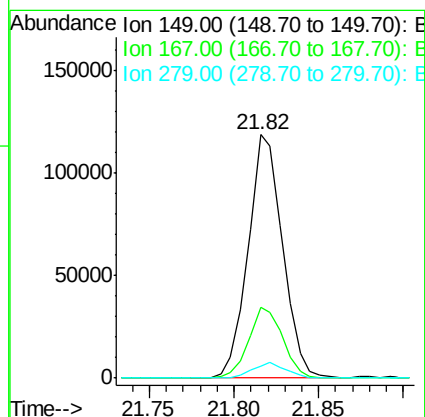
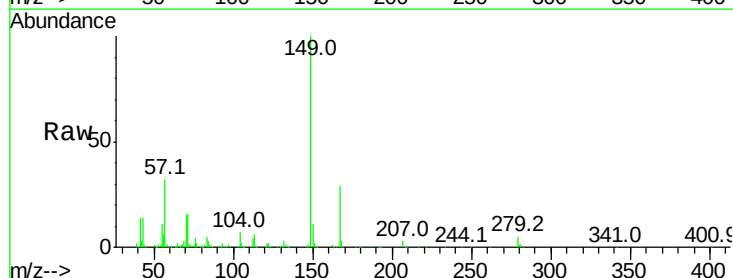
Tgt Ion:149 Resp: 168897

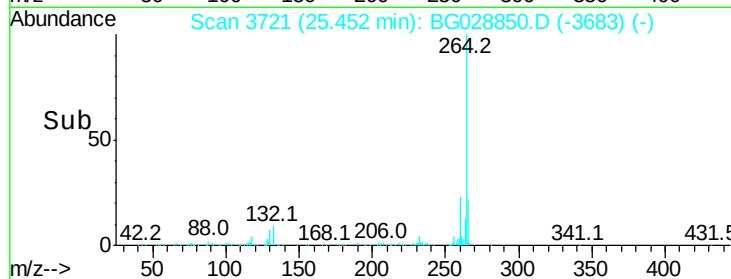
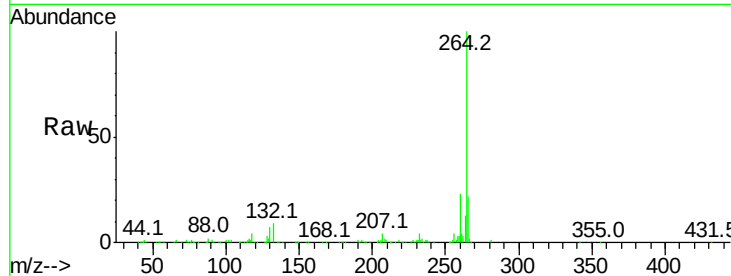
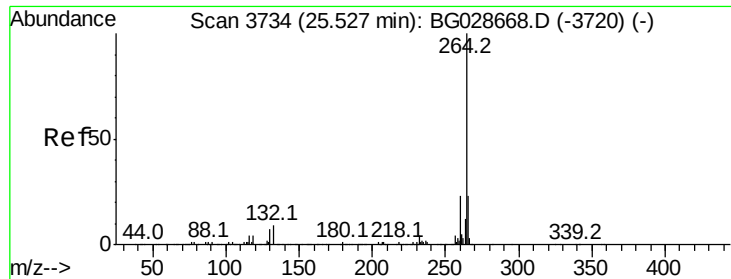
Ion Ratio Lower Upper

149 100

167 28.9 23.7 35.5

279 4.9 4.6 6.8





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.45 min Scan# 3721
 Delta R.T. -0.07 min
 Lab File: BG028850.D
 Acq: 21 Sep 2017 9:46

Instrument :
 BNA_G
 ClientSampleId :
 NB-01-091917-B

Tot Ion	Ratio	Resp Lower	Upper
264	100		
260	22.9	21.8	32.8
265	21.5	18.2	27.4

Manual Integrations
 APPROVED

Sohil
 9/22/2017 3:58:20 PM

