

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060315\
 Data File : BG017429.D
 Acq On : 4 Jun 2015 5:42
 Operator : TP/IZ
 Sample : G2420-02MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PENRD8.1(4)MS

Manual Integrations
 APPROVED

apatel
 6/5/2015 8:12:39 AM

Quant Time: Jun 04 07:08:04 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 04 06:50:36 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	17249	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	75468	20.00	ng	0.00
38) Acenaphthene-d10	14.29	164	49100	20.00	ng	0.00
63) Phenanthrene-d10	17.04	188	124483	20.00	ng	0.00
75) Chrysene-d12	21.24	240	149397	20.00	ng	0.00
86) Perylene-d12	23.47	264	149662	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.22	112	145758	148.88	ng	0.00
7) Phenol-d6	6.83	99	199493	149.57	ng	0.00
23) Nitrobenzene-d5	8.79	82	139493	92.27	ng	0.00
41) 2,4,6-Tribromophenol	15.79	330	104557	153.32	ng	0.00
44) 2-Fluorobiphenyl	12.91	172	317375	97.51	ng	0.00
78) Terphenyl-d14	19.68	244	653667	90.43	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.08	88	13240	30.05	ng	87
3) Pyridine	3.47	79	35462	30.13	ng	95
4) n-Nitrosodimethylamine	3.40	42	35261	45.71	ng	89
6) Aniline	6.96	93	43195	24.12	ng	98
8) 2-Chlorophenol	7.20	128	53571	46.27	ng	95
9) Benzaldehyde	6.77	77	5863	6.48	ng	94
10) Phenol	6.86	94	70019	51.11	ng	99
11) bis(2-Chloroethyl)ether	7.06	93	49583	47.50	ng	92
12) 1,3-Dichlorobenzene	7.51	146	51917	40.11	ng	98
13) 1,4-Dichlorobenzene	7.66	146	54919	40.49	ng	97
14) 1,2-Dichlorobenzene	7.98	146	52202	41.11	ng	88
15) Benzyl Alcohol	7.88	79	56046	45.13	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.17	45	79018	44.91	ng	96
17) 2-Methylphenol	8.09	107	49367	47.49	ng	92
18) Hexachloroethane	8.70	117	23051	42.60	ng	95
19) n-Nitroso-di-n-propylamine	8.43	70	47927	42.47	ng	# 91
20) 3+4-Methylphenols	8.42	107	66258	46.07	ng	99
22) Acetophenone	8.45	105	82610	44.66	ng	# 98
24) Nitrobenzene	8.83	77	69666	44.39	ng	100
25) Isophorone	9.35	82	129109	40.83	ng	99
26) 2-Nitrophenol	9.54	139	32574	44.75	ng	97
27) 2,4-Dimethylphenol	9.61	122	55608	46.99	ng	95
28) bis(2-Chloroethoxy)methane	9.84	93	65324	45.22	ng	96
29) 2,4-Dichlorophenol	10.08	162	53864	46.70	ng	96
30) 1,2,4-Trichlorobenzene	10.28	180	54960	40.52	ng	93
31) Naphthalene	10.47	128	165445	41.96	ng	99
33) 4-Chloroaniline	10.59	127	32520	18.59	ng	97
34) Hexachlorobutadiene	10.75	225	35209	39.89	ng	96
35) Caprolactam	11.36	113	21001m	33.09	ng	
36) 4-Chloro-3-methylphenol	11.75	107	69079	46.03	ng	92
37) 2-Methylnaphthalene	12.09	142	132229	43.63	ng	99
39) 1,2,4,5-Tetrachlorobenzene	12.47	216	68225	45.66	ng	95
40) Hexachlorocyclopentadiene	12.45	237	67349	76.69	ng	97
42) 2,4,6-Trichlorophenol	12.72	196	49237	46.02	ng	98

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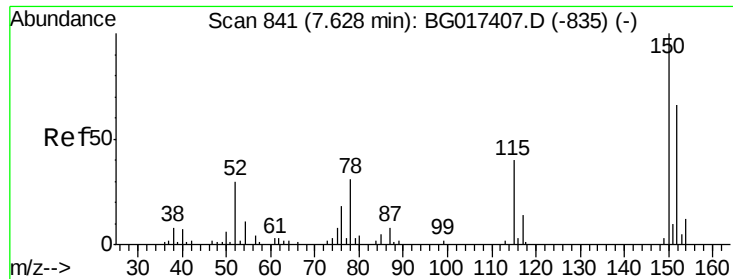
Manual Integrations
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 6/5/2015 8:12:39 AM

Quant Time: Jun 04 07:08:04 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	12.81	196	52107	44.47	ng	92
45) 1,1'-Biphenyl	13.12	154	170104	47.40	ng	99
46) 2-Chloronaphthalene	13.16	162	138284	46.08	ng	95
47) 2-Nitroaniline	13.38	65	52712	47.57	ng	97
48) Acenaphthylene	14.01	152	228620	43.25	ng	98
49) Dimethylphthalate	13.76	163	220362	51.56	ng	99
50) 2,6-Dinitrotoluene	13.88	165	44870	46.73	ng	96
51) Acenaphthene	14.36	154	137110	44.00	ng	99
52) 3-Nitroaniline	14.21	138	29455	28.32	ng	# 94
53) 2,4-Dinitrophenol	14.42	184	29437	51.58	ng	95
54) Dibenzofuran	14.69	168	217376	47.28	ng	95
55) 4-Nitrophenol	14.56	139	73094	88.01	ng	94
56) 2,4-Dinitrotoluene	14.67	165	64414	47.09	ng	# 92
57) Fluorene	15.34	166	190119	45.61	ng	99
58) 2,3,4,6-Tetrachlorophenol	14.93	232	48730	45.59	ng	98
59) Diethylphthalate	15.13	149	209743	45.21	ng	98
60) 4-Chlorophenyl-phenylether	15.34	204	101537	48.07	ng	95
61) 4-Nitroaniline	15.38	138	51701	45.15	ng	97
62) Azobenzene	15.63	77	208929	47.38	ng	97
64) 4,6-Dinitro-2-methylphenol	15.44	198	37544	40.68	ng	100
65) n-Nitrosodiphenylamine	15.56	169	166652	44.89	ng	97
66) 4-Bromophenyl-phenylether	16.24	248	63548	46.12	ng	97
67) Hexachlorobenzene	16.35	284	66990	45.22	ng	96
68) Atrazine	16.52	200	75017	45.91	ng	94
69) Pentachlorophenol	16.70	266	74496	82.01	ng	90
70) Phenanthrene	17.08	178	309895	44.65	ng	99
71) Anthracene	17.18	178	311632	44.94	ng	97
72) Carbazole	17.45	167	305191	44.58	ng	98
73) Di-n-butylphthalate	18.02	149	401250	45.77	ng	99
74) Fluoranthene	19.11	202	412086	45.40	ng	99
76) Benzidine	19.30	184	113342	22.07	ng	98
77) Pyrene	19.47	202	425125	46.19	ng	99
79) Butylbenzylphthalate	20.38	149	187033	46.96	ng	99
80) Benzo(a)anthracene	21.22	228	411063	44.74	ng	99
81) 3,3'-Dichlorobenzidine	21.16	252	84211	24.53	ng	98
82) Chrysene	21.27	228	386587	46.46	ng	98
83) Bis(2-ethylhexyl)phthalate	21.15	149	265423	46.22	ng	99
84) Di-n-octyl phthalate	22.02	149	445218	46.24	ng	100
85) Indeno(1,2,3-cd)pyrene	25.75	276	450927	43.16	ng	98
87) Benzo(b)fluoranthene	22.80	252	422489	44.55	ng	98
88) Benzo(k)fluoranthene	22.84	252	378352	41.69	ng	99
89) Benzo(a)pyrene	23.38	252	390272	44.87	ng	99
90) Dibenzo(a,h)anthracene	25.76	278	385349	42.64	ng	98
91) Benzo(g,h,i)perylene	26.45	276	370390	43.06	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.62 min Scan# 840

Delta R.T. -0.01 min

Lab File: BG017429.D

Acq: 4 Jun 2015 5:42

Instrument :

BNA_G

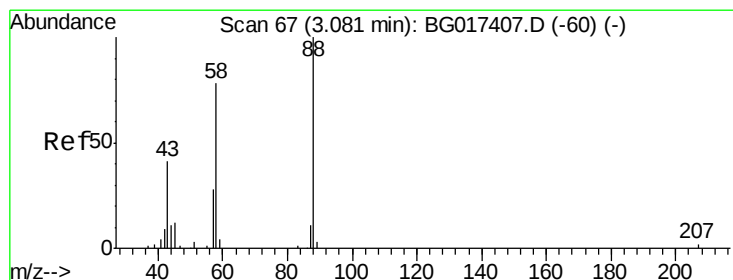
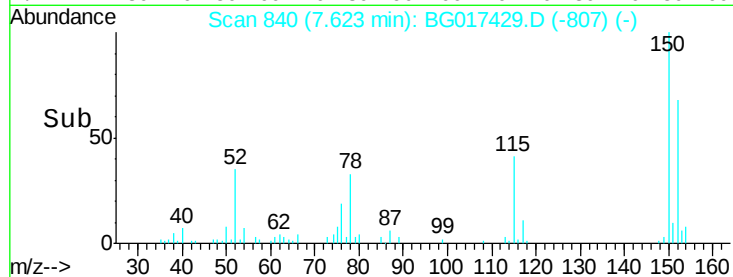
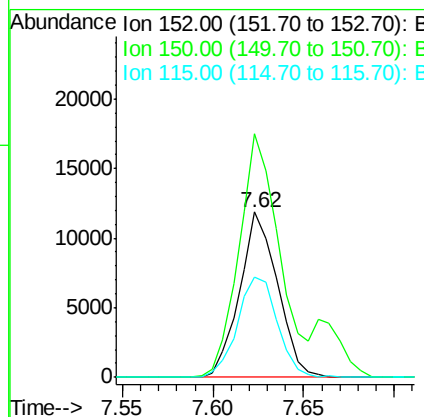
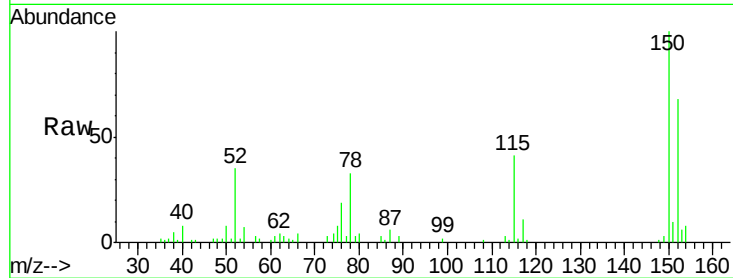
ClientSampleId :

PENRD8.1(4)MS

Tgt Ion:	152	Resp:	17249
Ion Ratio	Lower	Upper	
152	100		
150	147.5	121.7	182.5
115	61.0	48.6	73.0

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#2

1,4-Dioxane

Concen: 30.05 ng

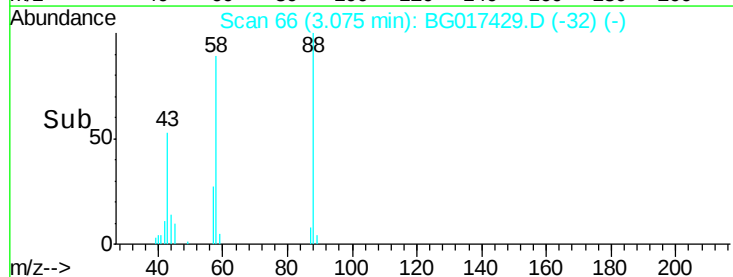
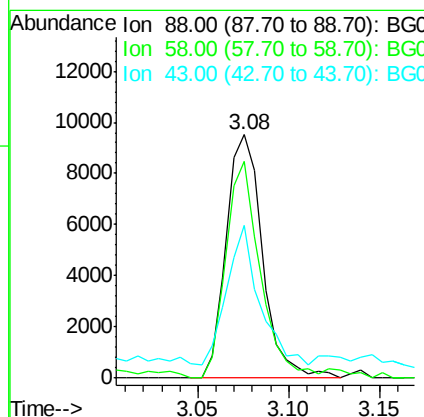
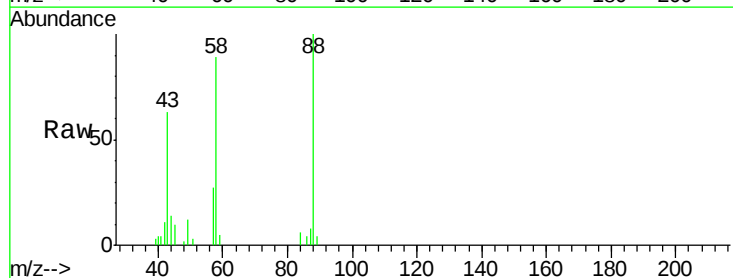
RT: 3.08 min Scan# 66

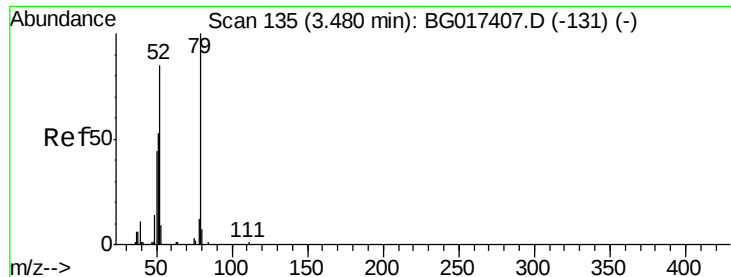
Delta R.T. -0.00 min

Lab File: BG017429.D

Acq: 4 Jun 2015 5:42

Tgt Ion:	88	Resp:	13240
Ion Ratio	Lower	Upper	
88	100		
58	84.6	59.0	88.6
43	50.8	34.5	51.7





#3

Pyridine

Concen: 30.13 ng

RT: 3.47 min Scan# 134

Delta R.T. -0.00 min

Lab File: BG017429.D

Acq: 4 Jun 2015 5:42

Instrument :

BNA_G

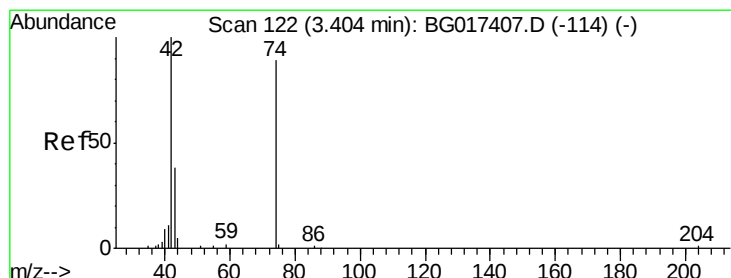
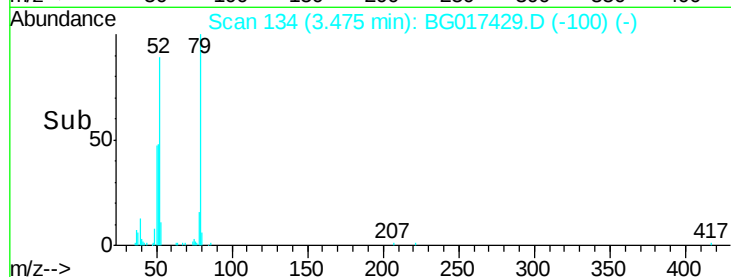
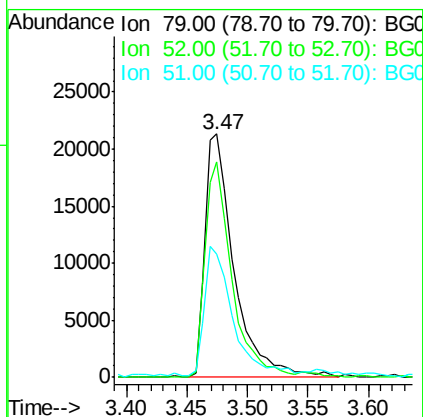
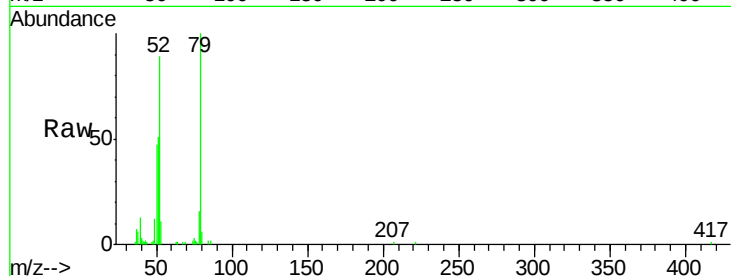
ClientSampleId :

PENRD8.1(4)MS

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Tgt Ion:	79	Resp:	35462
Ion	Ratio	Lower	Upper
79	100		
52	88.6	68.3	102.5
51	50.9	45.0	67.4



#4

n-Nitrosodimethylamine

Concen: 45.71 ng

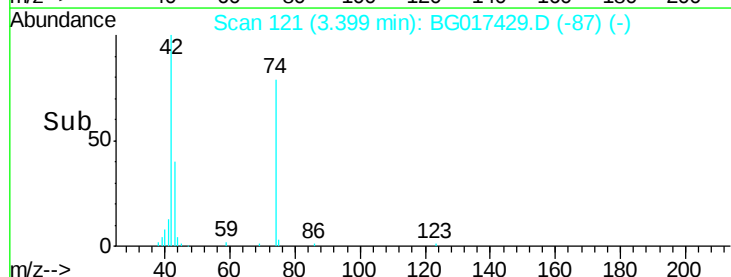
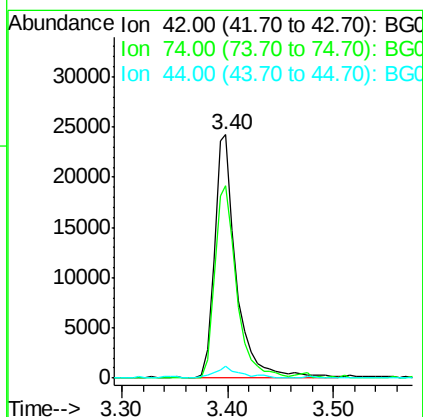
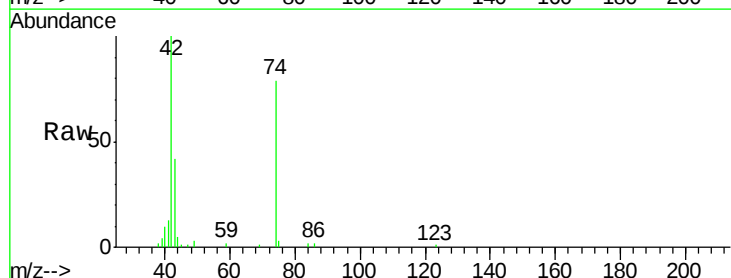
RT: 3.40 min Scan# 121

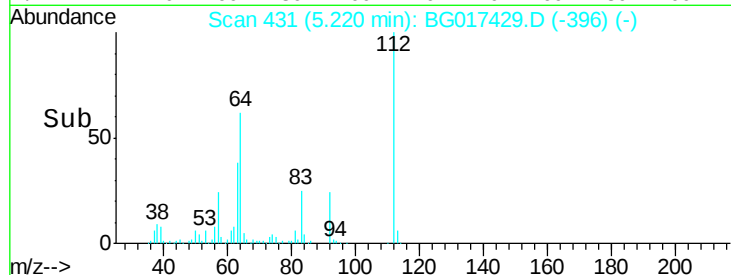
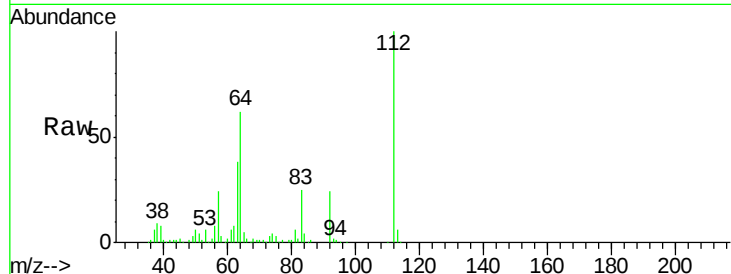
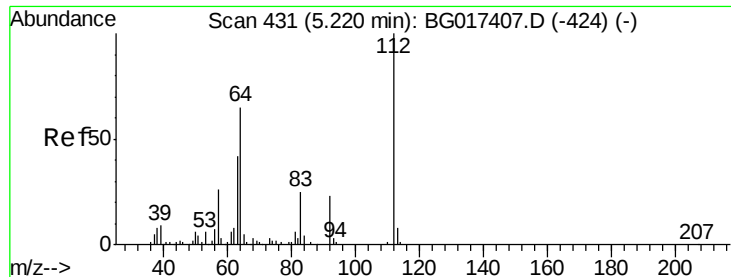
Delta R.T. -0.00 min

Lab File: BG017429.D

Acq: 4 Jun 2015 5:42

Tgt Ion:	42	Resp:	35261
Ion	Ratio	Lower	Upper
42	100		
74	79.0	71.4	107.2
44	4.7	4.5	6.7





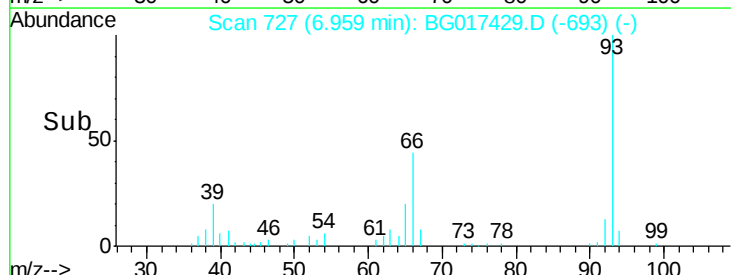
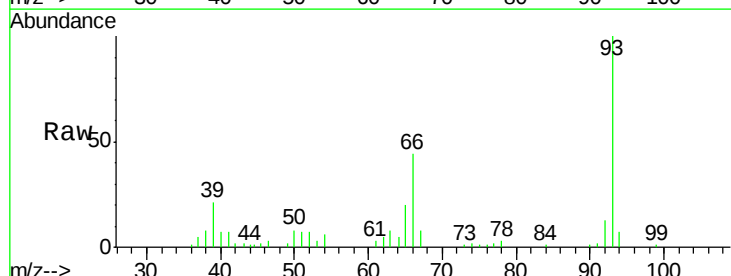
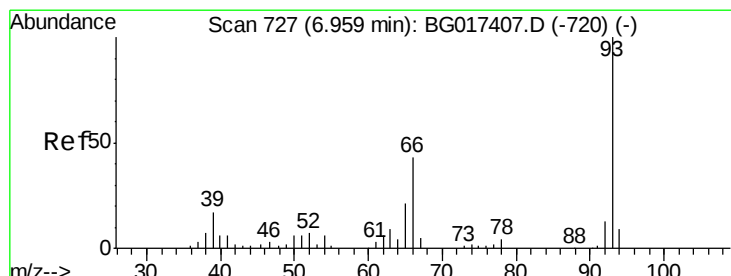
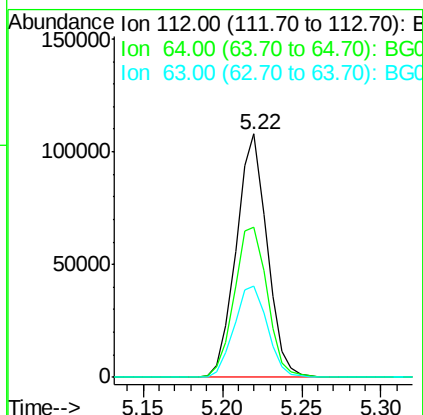
#5
2-Fluorophenol
Concen: 148.88 ng
RT: 5.22 min Scan# 431
Delta R.T. 0.01 min
Lab File: BG017429.D
Acq: 4 Jun 2015 5:42

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	145758		
64	61.7	51.6	77.4	
63	37.5	33.3	49.9	

Instrument :
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ClientSampleId :
PENRD8.1(4)MS

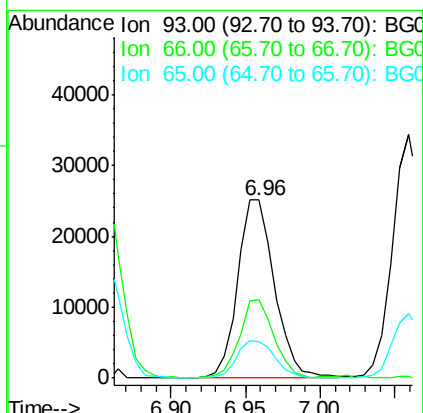
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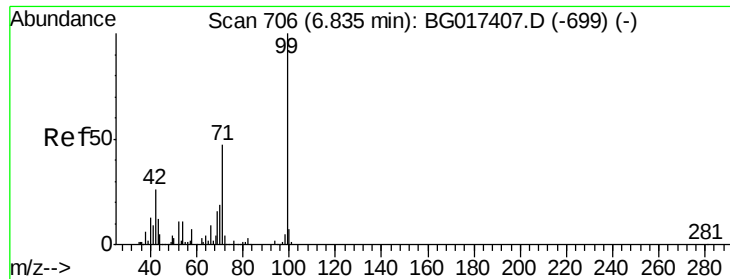
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#6
Aniline
Concen: 24.12 ng
RT: 6.96 min Scan# 727
Delta R.T. -0.00 min
Lab File: BG017429.D
Acq: 4 Jun 2015 5:42

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	43195		
66	44.1	34.3	51.5	
65	20.1	17.0	25.4	





#7

Phenol-d6

Concen: 149.57 ng

RT: 6.83 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG017429.D

Acq: 4 Jun 2015 5:42

Instrument :

BNA_G

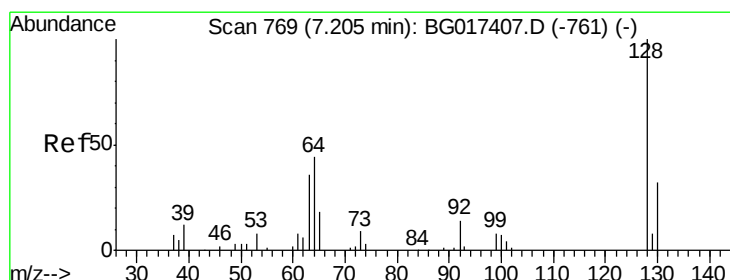
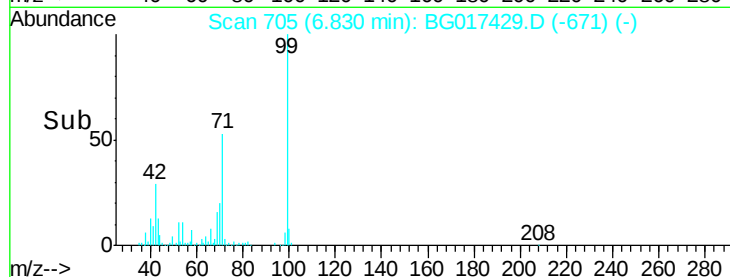
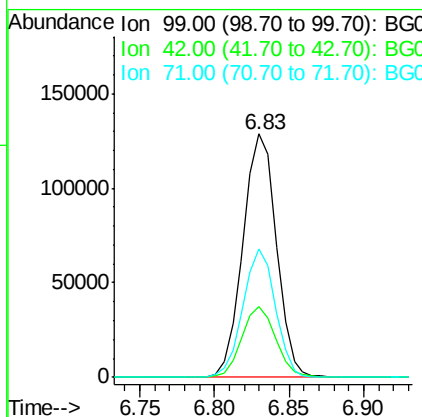
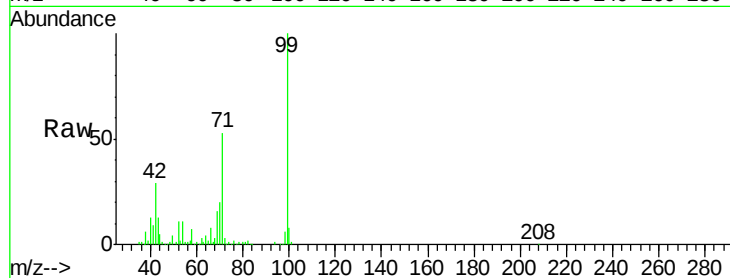
ClientSampleId :

PENRD8.1(4)MS

Tgt Ion:	99	Resp:	199493
Ion Ratio	Lower	Upper	
99	100		
42	28.9	21.0	31.6
71	52.9	37.2	55.8

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#8

2-Chlorophenol

Concen: 46.27 ng

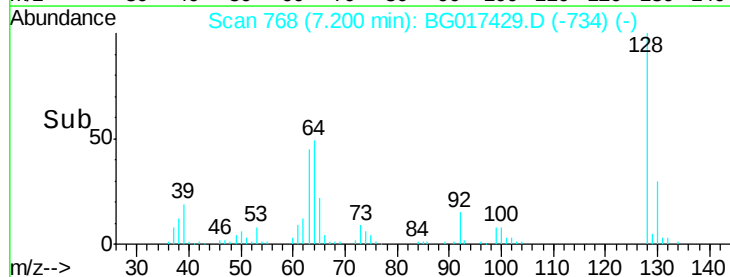
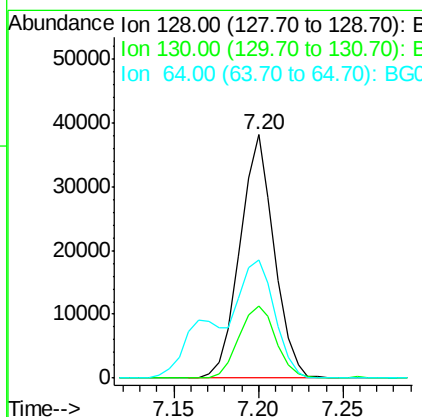
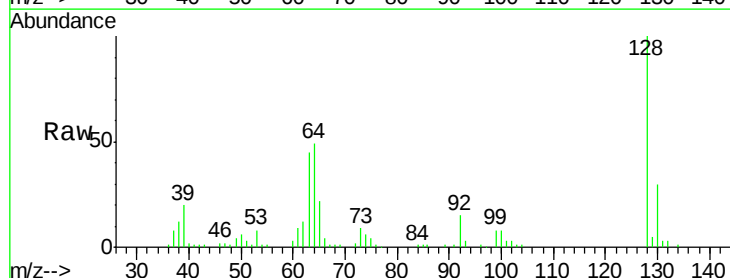
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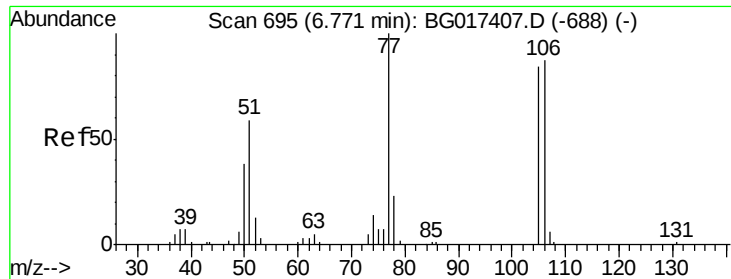
Delta R.T. -0.00 min

Lab File: BG017429.D

Acq: 4 Jun 2015 5:42

Tgt Ion:	128	Resp:	53571
Ion Ratio	Lower	Upper	
128	100		
130	29.8	11.7	51.7
64	48.8	32.5	72.5





#9

Benzaldehyde

Concen: 6.48 ng

RT: 6.77 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG017429.D

Acq: 4 Jun 2015 5:42

Instrument :

BNA_G

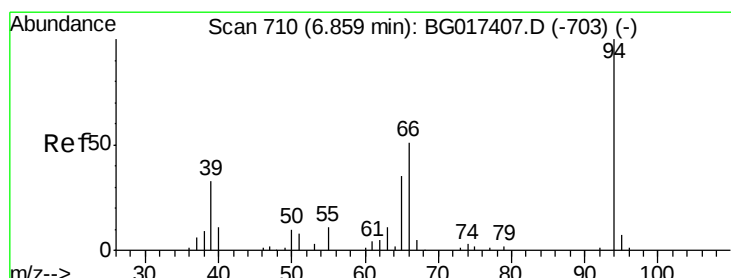
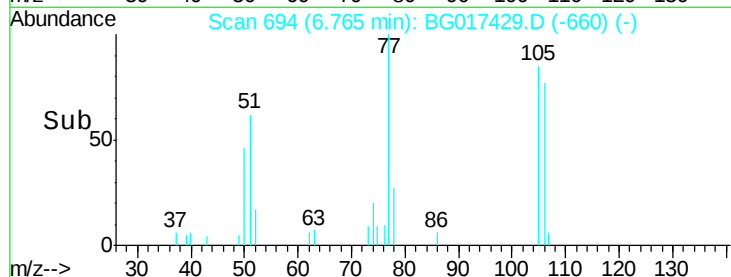
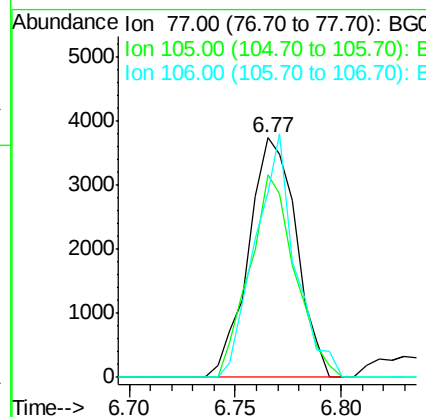
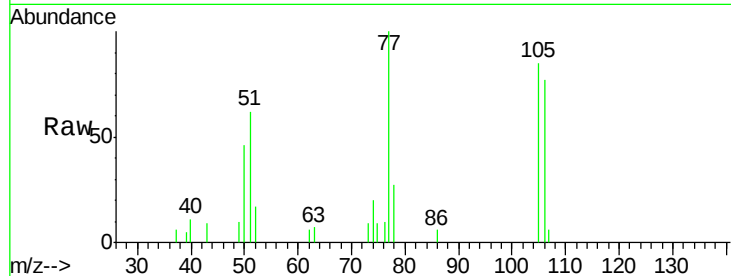
ClientSampleId :

PENRD8.1(4)MS

Tgt Ion:	77	Resp:	5863
Ion	Ratio	Lower	Upper
77	100		
105	84.7	64.0	104.0
106	77.1	67.2	107.2

Manual Integrations
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#10

Phenol

Concen: 51.11 ng

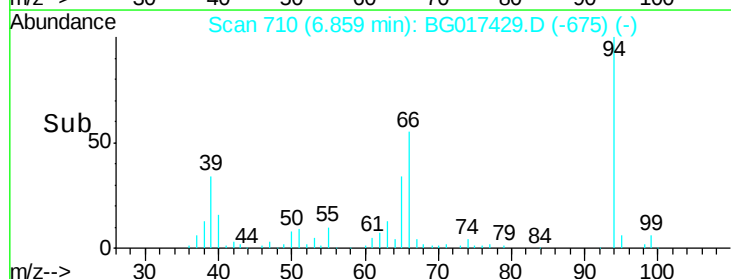
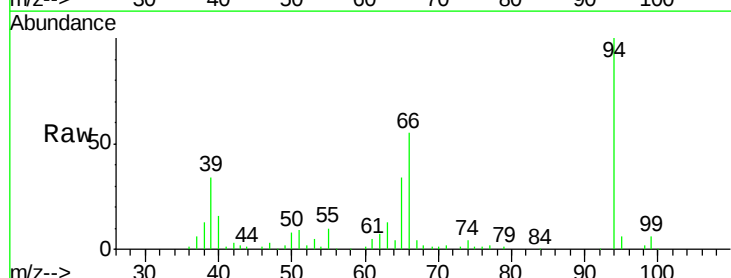
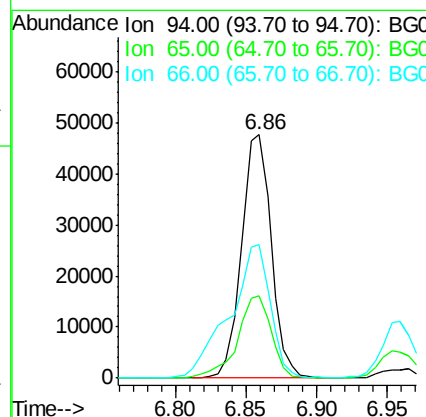
RT: 6.86 min Scan# 710

Delta R.T. 0.01 min

Lab File: BG017429.D

Acq: 4 Jun 2015 5:42

Tgt Ion:	94	Resp:	70019
Ion	Ratio	Lower	Upper
94	100		
65	33.9	15.9	55.9
66	54.9	34.9	74.9





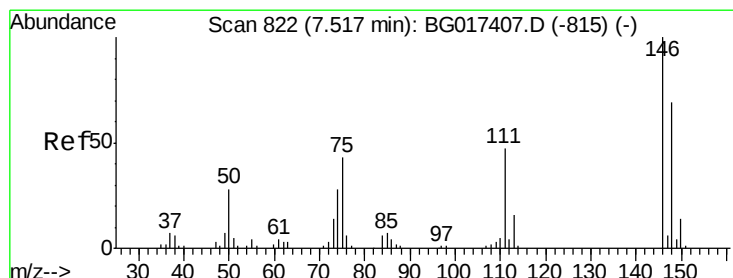
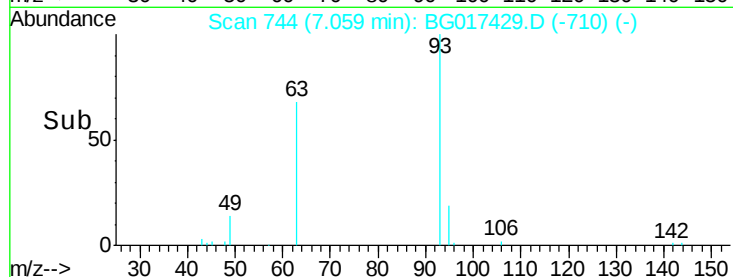
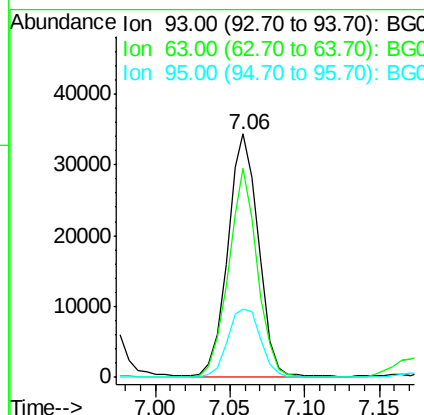
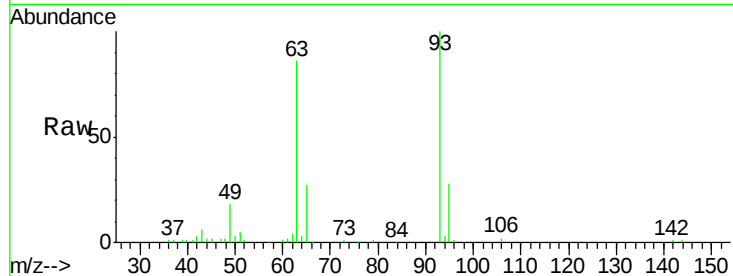
#11
bis(2-Chloroethyl)ether
Concen: 47.50 ng
RT: 7.06 min Scan# 744
Delta R.T. -0.00 min
Lab File: BG017429.D
Acq: 4 Jun 2015 5:42

Instrument :
BNA_G
ClientSampleId :
PENRD8.1(4)MS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	49583		
63	85.7	59.7	99.7	
95	28.0	13.2	53.2	

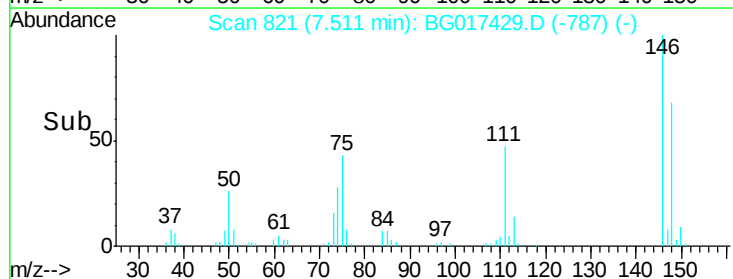
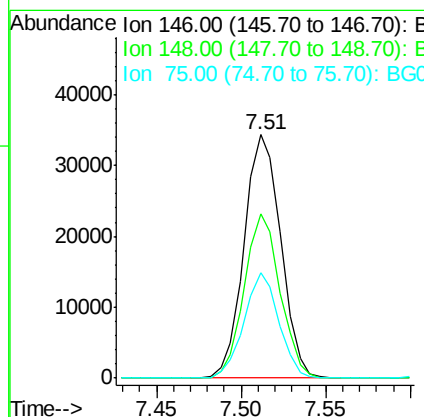
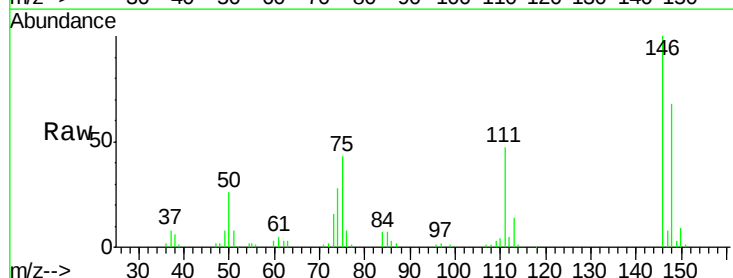
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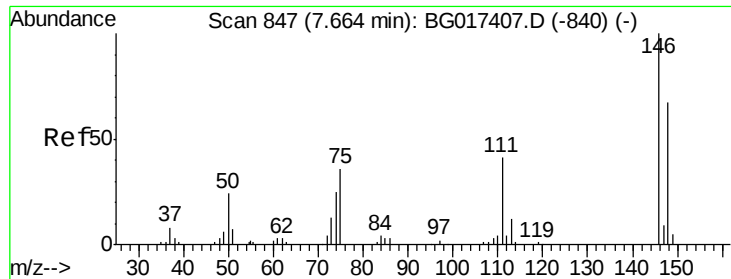
apatel
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#12
1,3-Dichlorobenzene
Concen: 40.11 ng
RT: 7.51 min Scan# 821
Delta R.T. -0.00 min
Lab File: BG017429.D
Acq: 4 Jun 2015 5:42

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	51917		
148	67.6	55.2	82.8	
75	43.4	34.1	51.1	





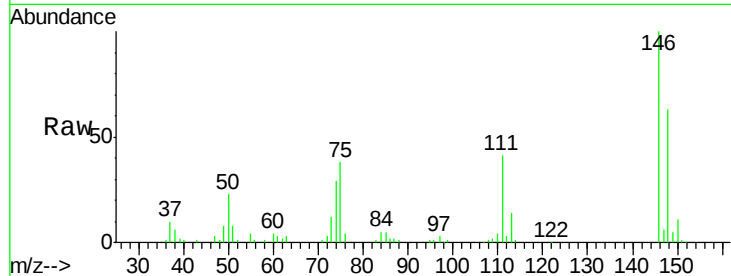
#13
 1,4-Dichlorobenzene
 Concen: 40.49 ng
 RT: 7.66 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: BG017429.D
 Acq: 4 Jun 2015 5:42

Instrument :
 BNA_G
 ClientSampleId :
 PENRD8.1(4)MS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	53.2	79.8
111	40.8	33.2	49.8

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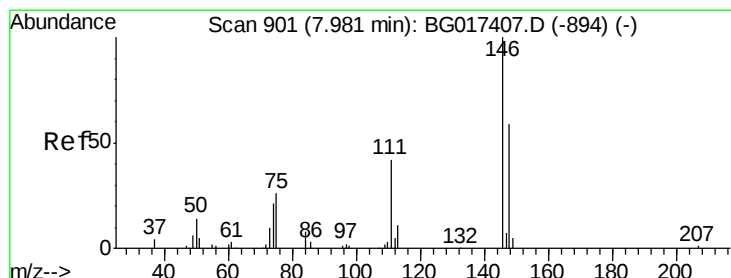
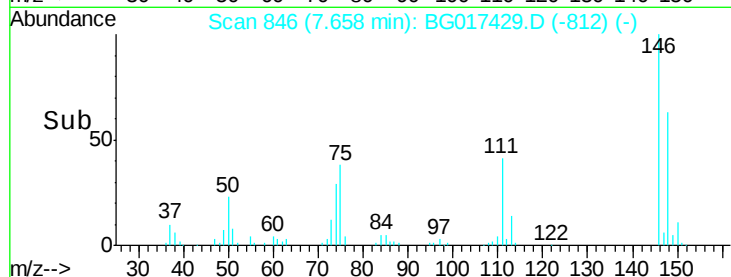
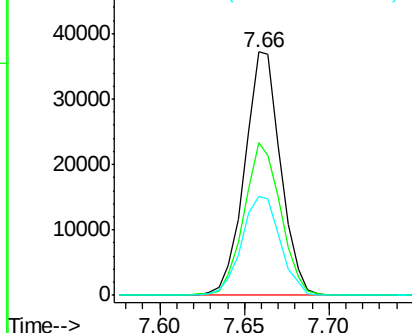


Abundance

Ion 146.00 (145.70 to 146.70): E

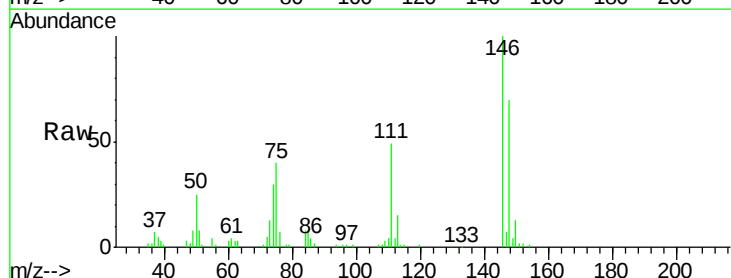
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 41.11 ng
 RT: 7.98 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: BG017429.D
 Acq: 4 Jun 2015 5:42

Tgt Ion	Ratio	Lower	Upper
146	100		
148	69.9	46.9	70.3
111	48.6	35.0	52.4

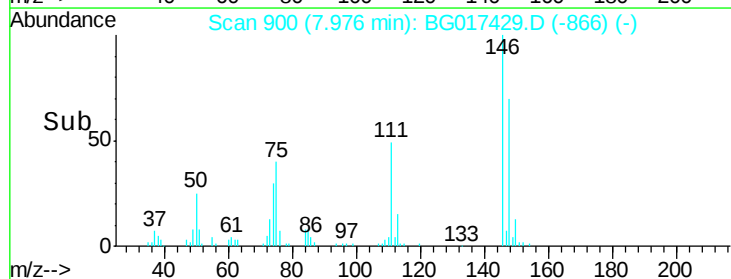
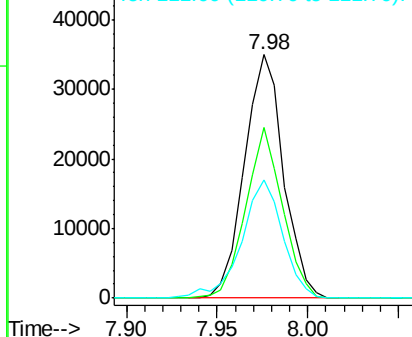


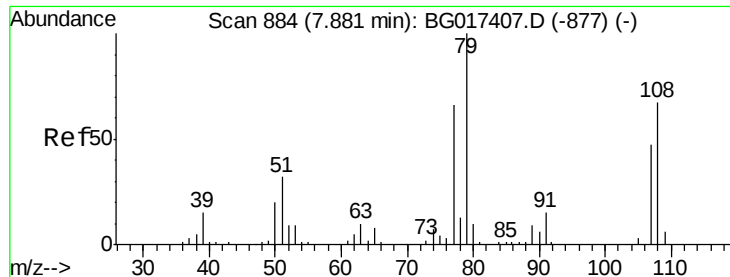
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 45.13 ng

RT: 7.88 min Scan# 883

Delta R.T. -0.00 min

Lab File: BG017429.D

Acq: 4 Jun 2015 5:42

Instrument :

BNA_G

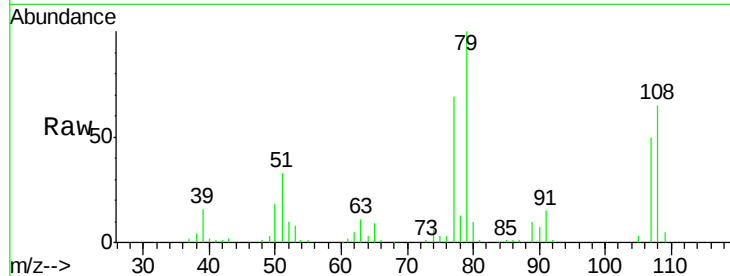
ClientSampleId :

PENRD8.1(4)MS

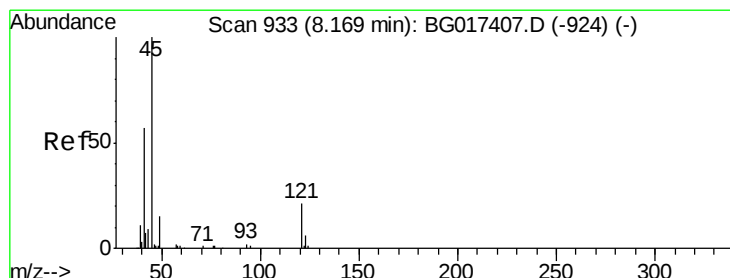
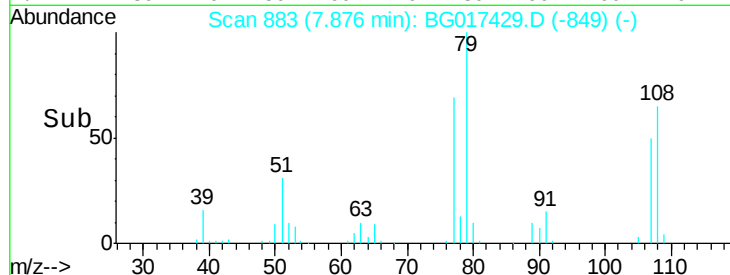
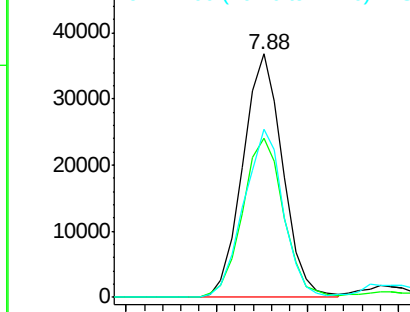
Tgt Ion:	79	Resp:	56046
Ion Ratio	Lower	Upper	
79	100		
108	65.5	53.7	80.5
77	68.8	53.0	79.4

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Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.91 ng

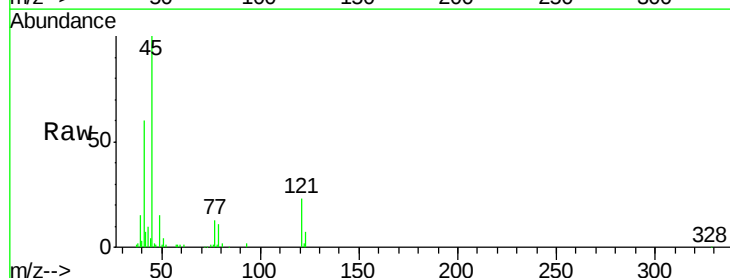
RT: 8.17 min Scan# 933

Delta R.T. -0.00 min

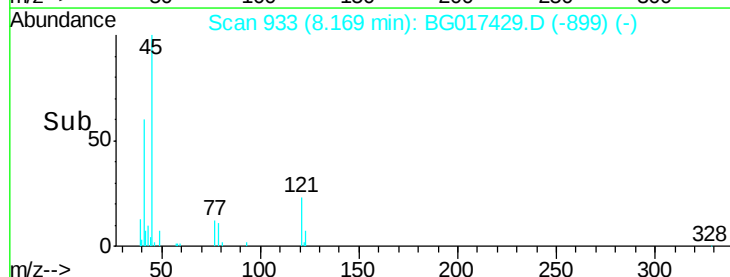
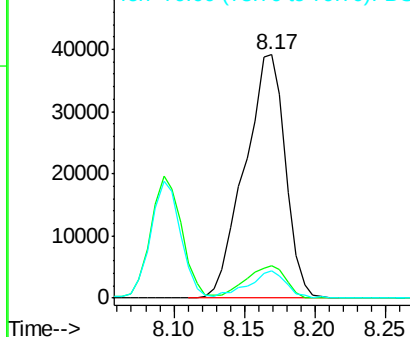
Lab File: BG017429.D

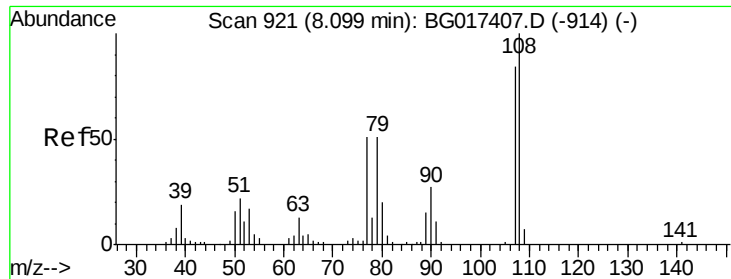
Acq: 4 Jun 2015 5:42

Tgt Ion:	45	Resp:	79018
Ion Ratio	Lower	Upper	
45	100		
77	13.1	0.0	33.9
79	11.4	0.0	29.0



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 47.49 ng

RT: 8.09 min Scan# 920

Delta R.T. -0.00 min

Lab File: BG017429.D

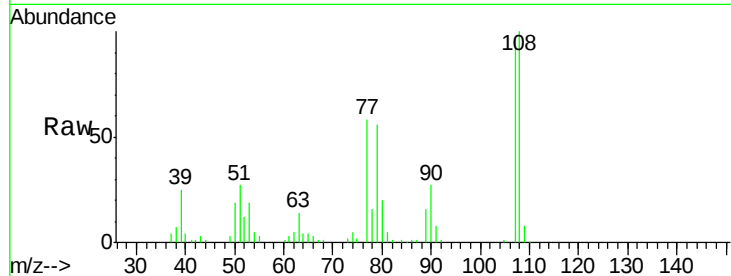
Acq: 4 Jun 2015 5:42

Instrument :

BNA_G

ClientSampleId :

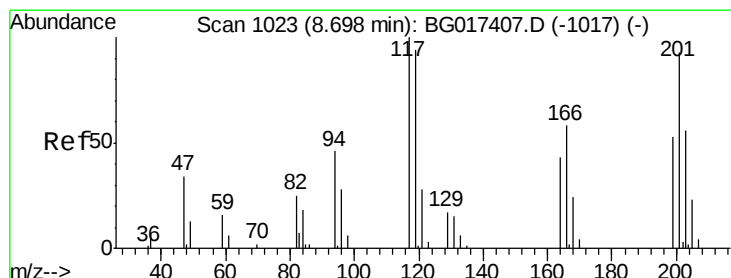
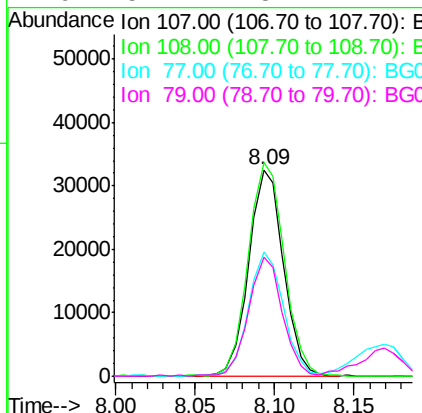
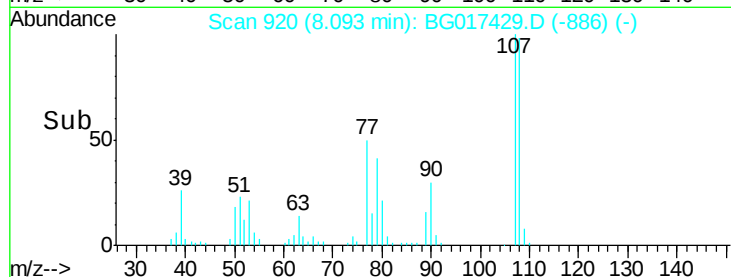
PENRD8.1(4)MS



Tgt Ion:	107	Resp:	49367
Ion Ratio	Lower	Upper	
107	100		
108	103.4	95.4	143.0
77	60.3	48.8	73.2
79	57.4	48.2	72.4

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#18

Hexachloroethane

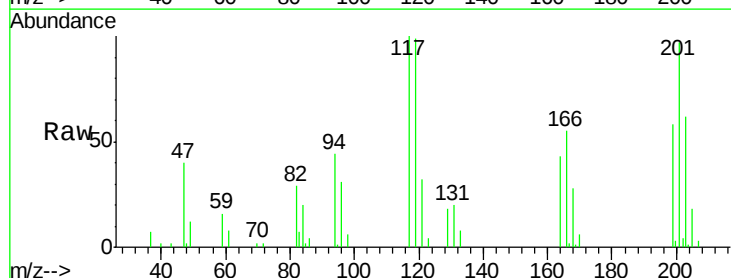
Concen: 42.60 ng

RT: 8.70 min Scan# 1023

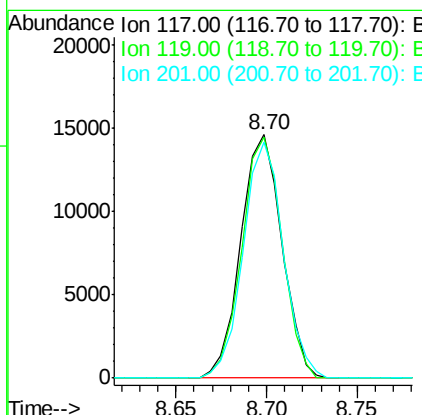
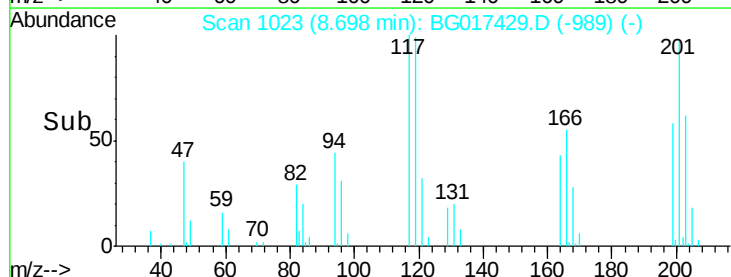
Delta R.T. -0.00 min

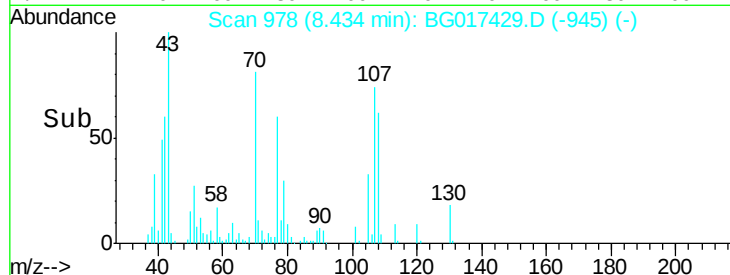
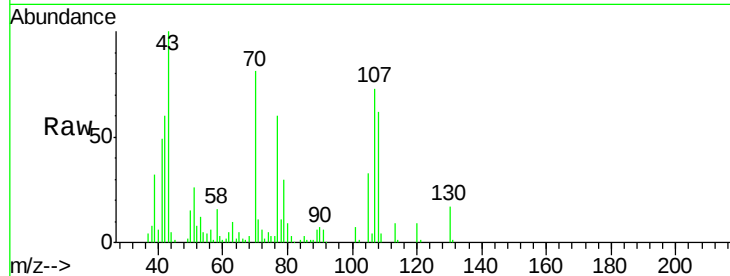
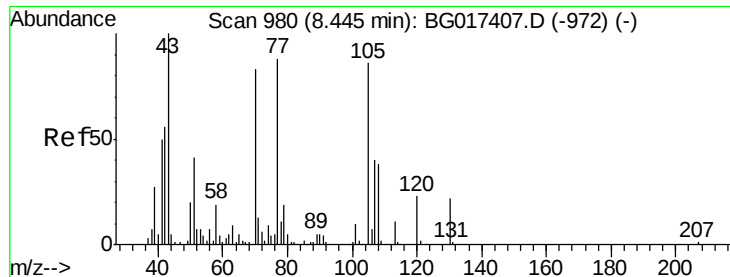
Lab File: BG017429.D

Acq: 4 Jun 2015 5:42



Tgt Ion:	117	Resp:	23051
Ion Ratio	Lower	Upper	
117	100		
119	99.0	75.0	112.4
201	97.1	74.2	111.2





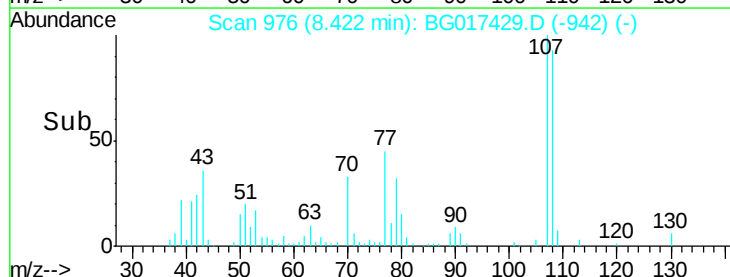
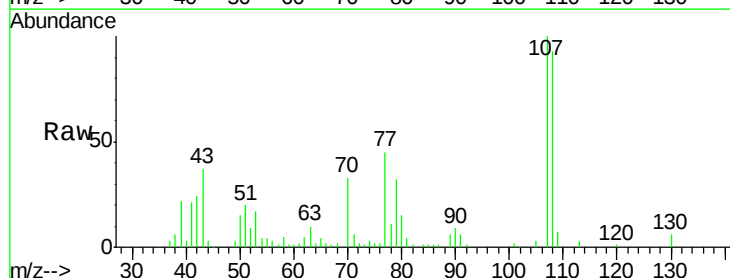
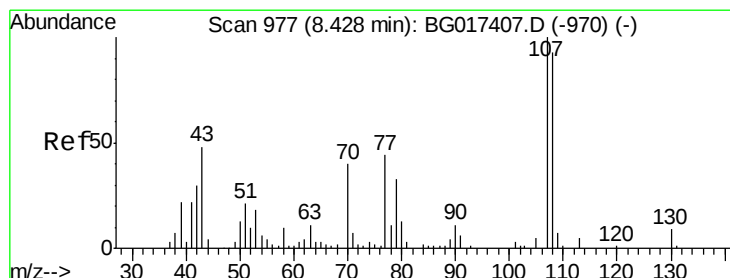
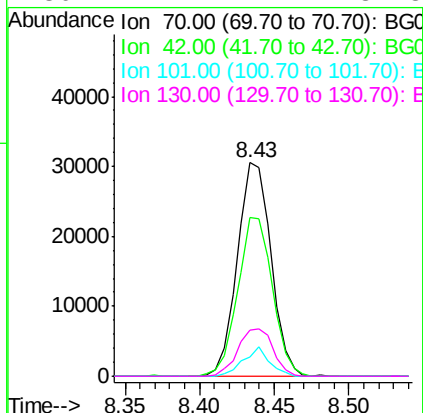
#19
n-Nitroso-di-n-propylamine
Concen: 42.47 ng
RT: 8.43 min Scan# 978
Delta R.T. -0.01 min
Lab File: BG017429.D
Acq: 4 Jun 2015 5:42

Instrument :
BNA_G
ClientSampleId :
PENRD8.1(4)MS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	74.4	53.8	80.8
101	9.3	9.5	14.3
130	21.7	21.2	31.8

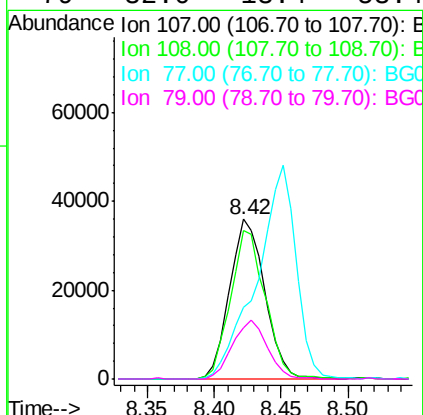
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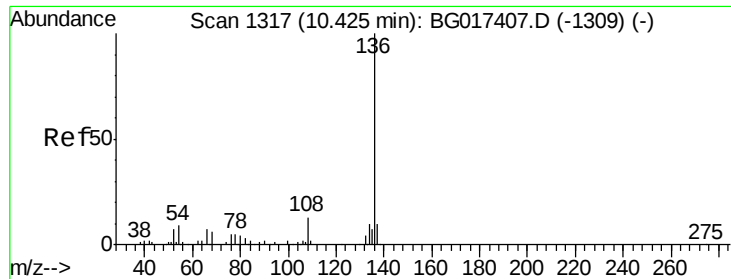
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#20
3+4-Methylphenols
Concen: 46.07 ng
RT: 8.42 min Scan# 976
Delta R.T. -0.00 min
Lab File: BG017429.D
Acq: 4 Jun 2015 5:42

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.3	73.0	113.0
77	44.8	23.9	63.9
79	32.0	13.4	53.4





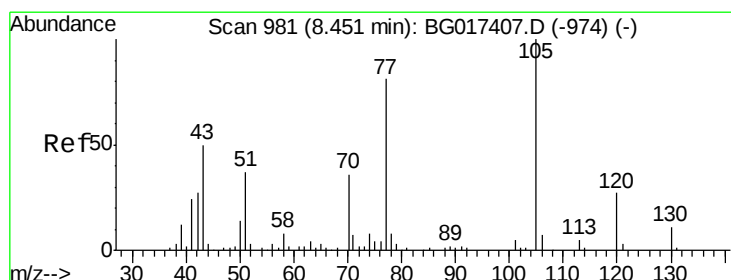
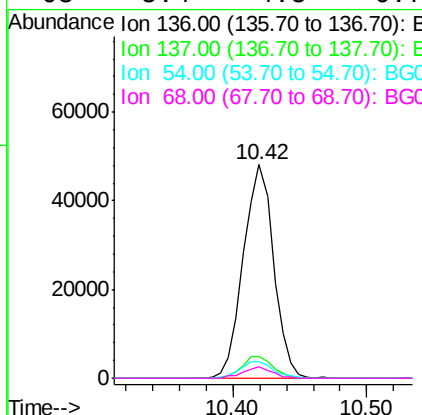
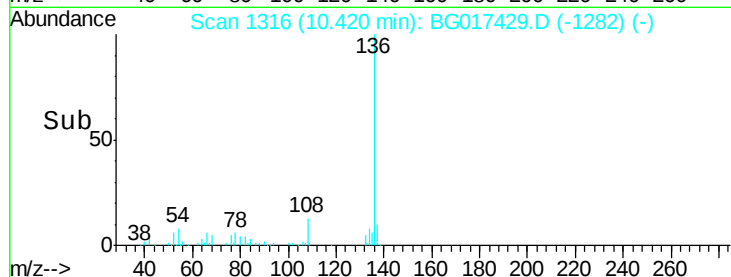
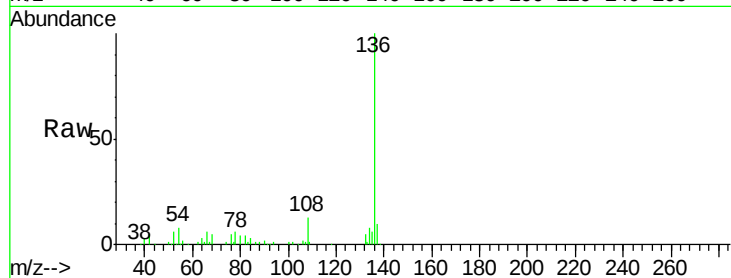
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.42 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BG017429.D
Acq: 4 Jun 2015 5:42

Instrument :
BNA_G
ClientSampleId :
PENRD8.1(4)MS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	75468		
137	10.1	7.9	11.9	
54	7.8	7.2	10.8	
68	5.4	4.5	6.7	

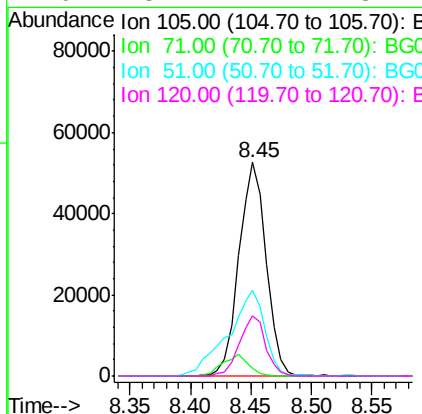
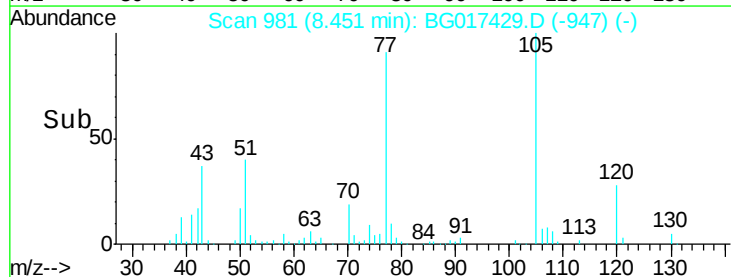
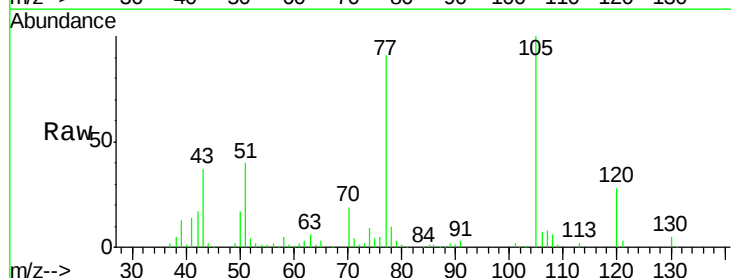
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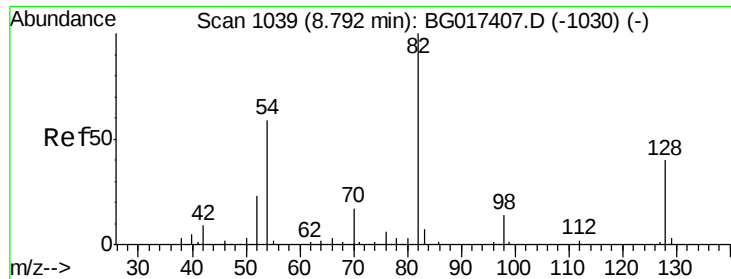
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#22
Acetophenone
Concen: 44.66 ng
RT: 8.45 min Scan# 981
Delta R.T. -0.00 min
Lab File: BG017429.D
Acq: 4 Jun 2015 5:42

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	82610		
71	3.5	5.3	7.9#	
51	40.0	32.4	48.6	
120	28.1	21.4	32.2	





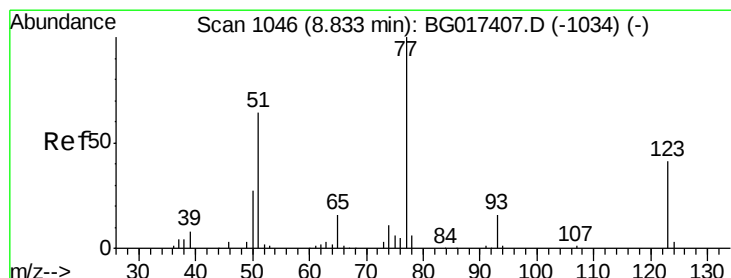
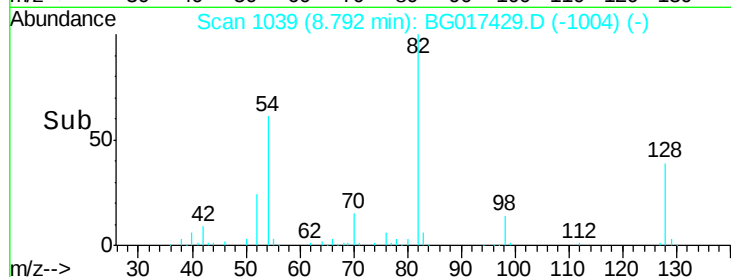
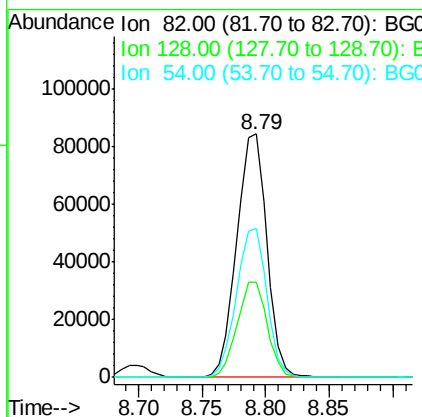
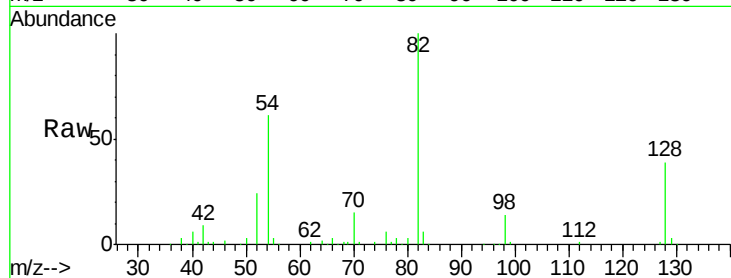
#23
 Nitrobenzene-d5
 Concen: 92.27 ng
 RT: 8.79 min Scan# 1039
 Delta R.T. 0.01 min
 Lab File: BG017429.D
 Acq: 4 Jun 2015 5:42

Instrument :
 BNA_G
 ClientSampleId :
 PENRD8.1(4)MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	39.0	32.2	48.4
54	61.1	47.4	71.2

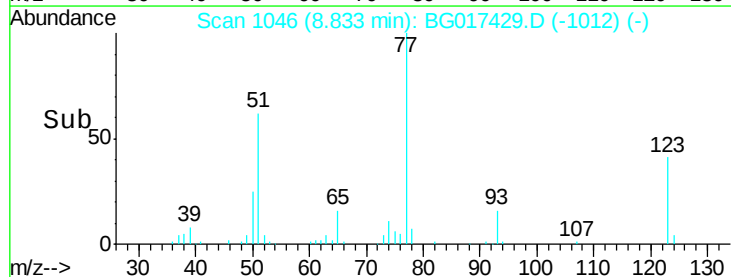
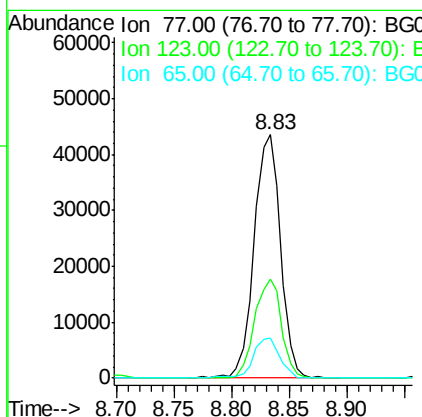
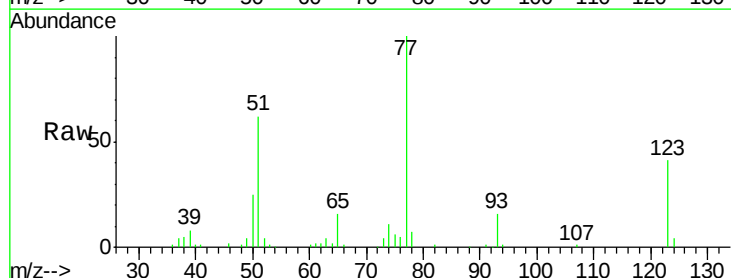
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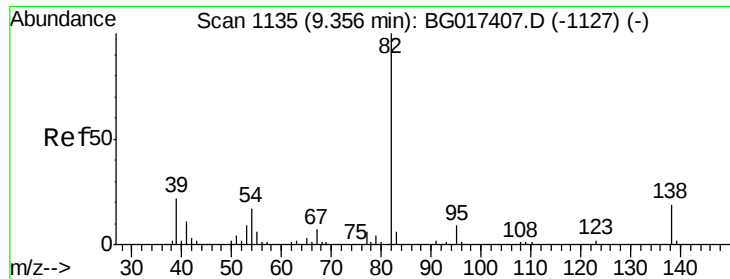
apatel
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#24
 Nitrobenzene
 Concen: 44.39 ng
 RT: 8.83 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: BG017429.D
 Acq: 4 Jun 2015 5:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
77	100		
123	40.6	32.6	49.0
65	16.3	12.8	19.2





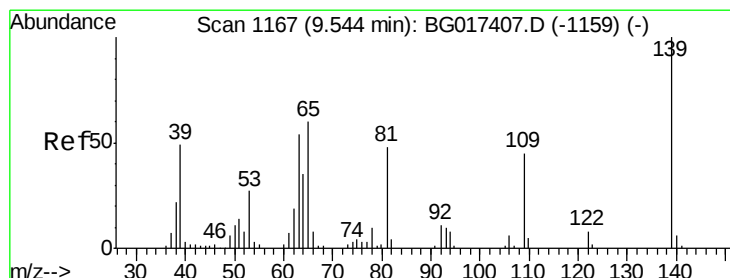
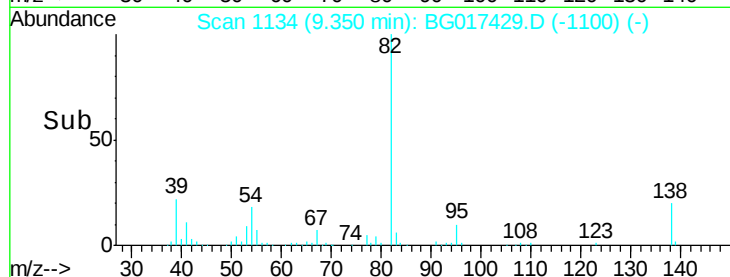
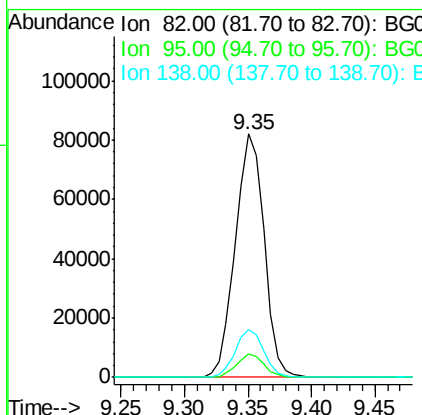
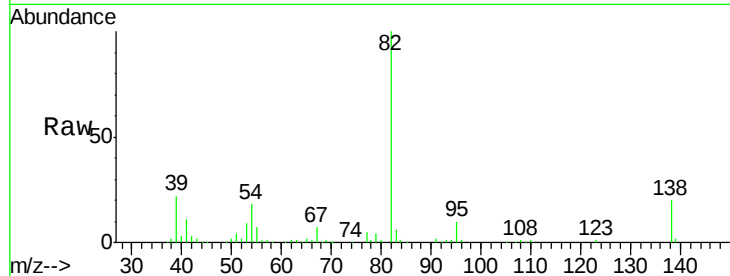
#25
Isophorone
Concen: 40.83 ng
RT: 9.35 min Scan# 1134
Delta R.T. -0.00 min
Lab File: BG017429.D
Acq: 4 Jun 2015 5:42

Instrument :
BNA_G
ClientSampleId :
PENRD8.1(4)MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
95	9.5	7.1	10.7
138	19.5	15.5	23.3

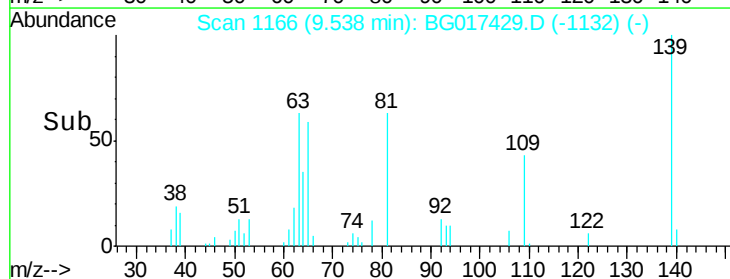
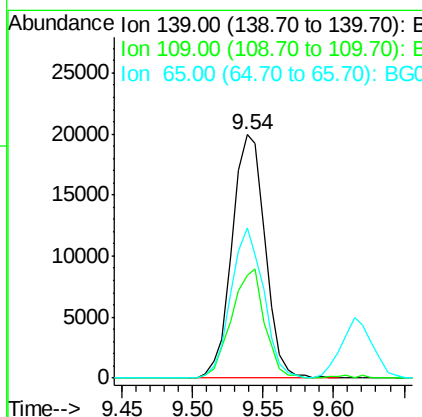
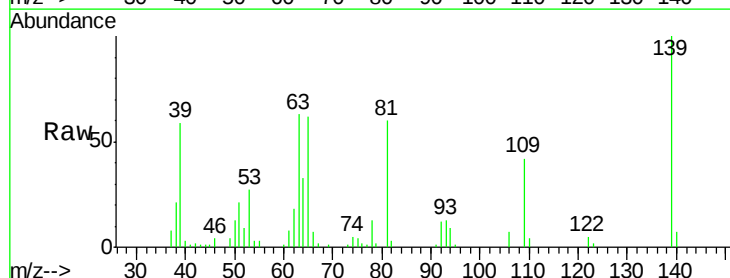
Manual Integrations
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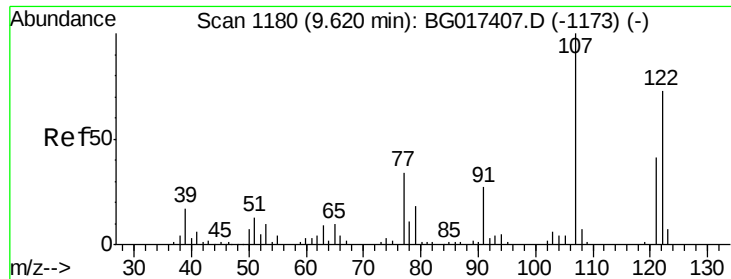
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#26
2-Nitrophenol
Concen: 44.75 ng
RT: 9.54 min Scan# 1166
Delta R.T. -0.00 min
Lab File: BG017429.D
Acq: 4 Jun 2015 5:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
139	100		
109	42.3	35.7	53.5
65	61.8	48.3	72.5





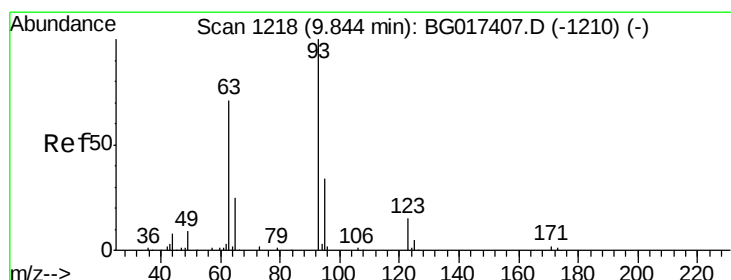
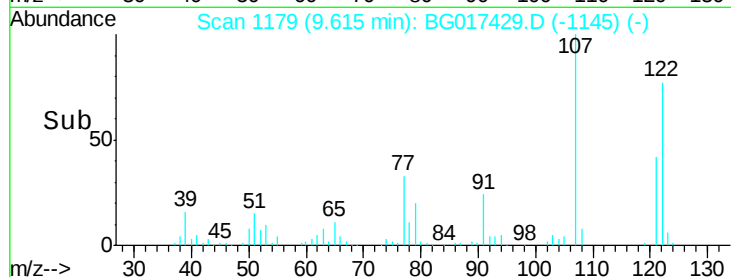
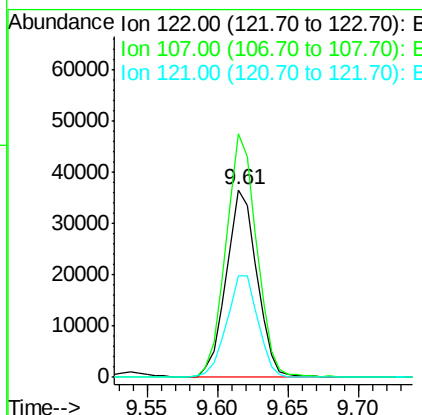
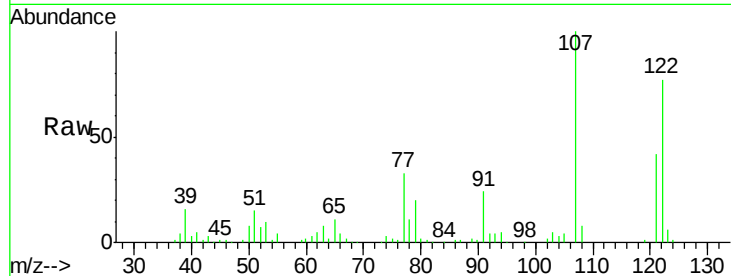
#27
 2,4-Dimethylphenol
 Concen: 46.99 ng
 RT: 9.61 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: BG017429.D
 Acq: 4 Jun 2015 5:42

Instrument :
 BNA_G
 ClientSampleId :
 PENRD8.1(4)MS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	129.9	109.2	163.8
121	54.0	44.3	66.5

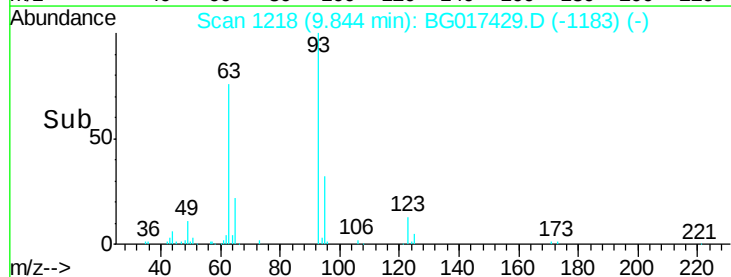
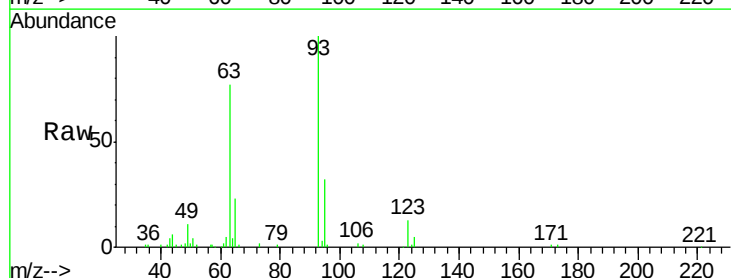
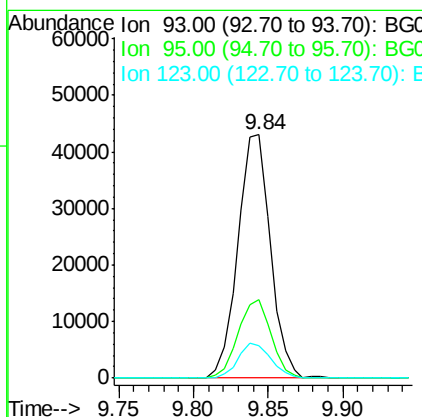
Manual Integrations
 APPROVED

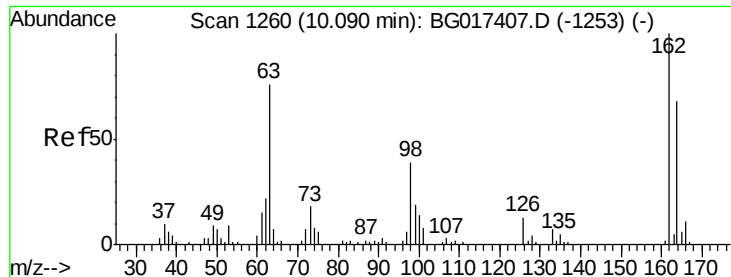
apatel
 6/5/2015 8:12:39 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.22 ng
 RT: 9.84 min Scan# 1218
 Delta R.T. 0.01 min
 Lab File: BG017429.D
 Acq: 4 Jun 2015 5:42

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.0	27.0	40.6
123	13.1	12.5	18.7





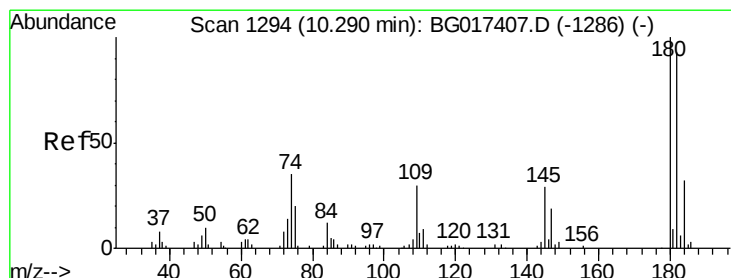
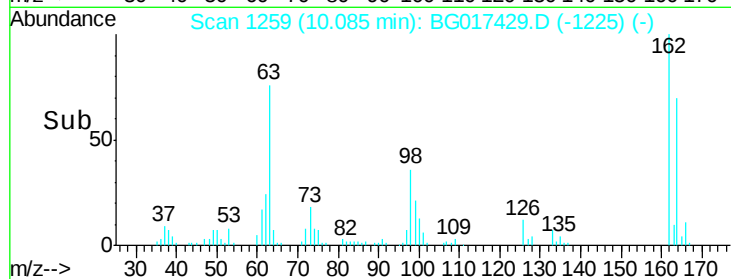
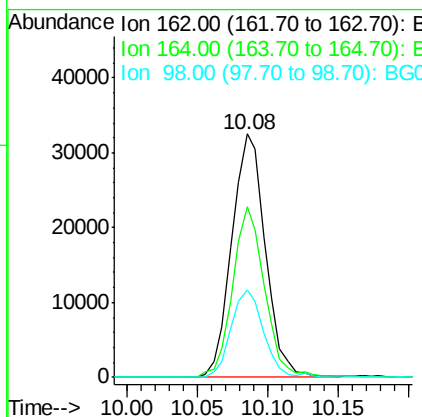
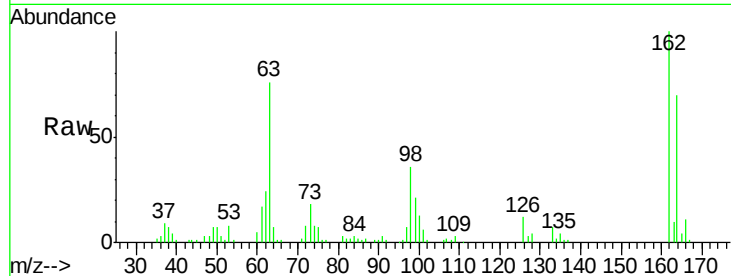
#29
2,4-Dichlorophenol
Concen: 46.70 ng
RT: 10.08 min Scan# 1259
Delta R.T. -0.00 min
Lab File: BG017429.D
Acq: 4 Jun 2015 5:42

Instrument :
BNA_G
ClientSampleId :
PENRD8.1(4)MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	70.3	48.0	88.0
98	35.7	18.9	58.9

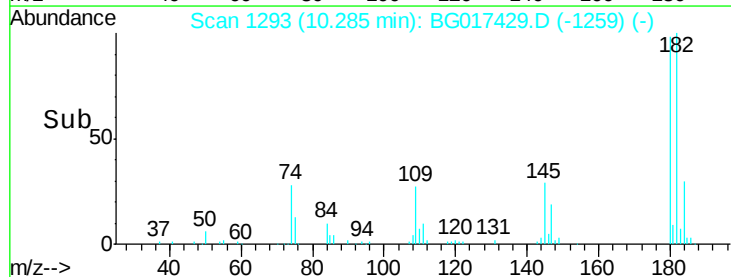
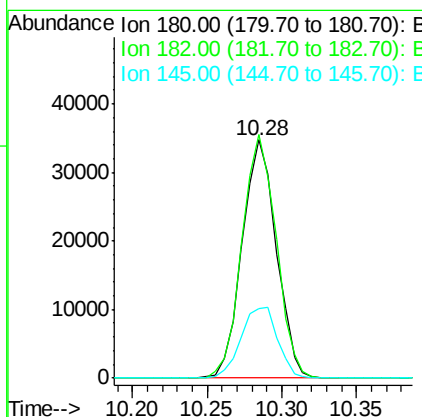
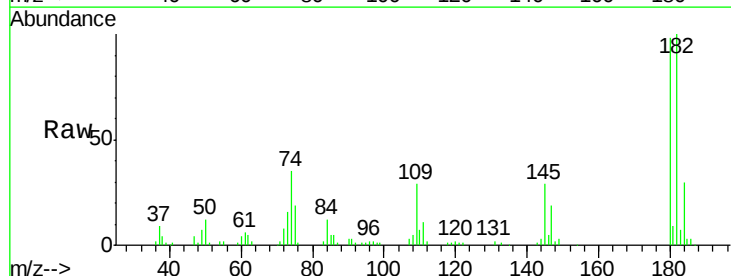
Manual Integrations
APPROVED

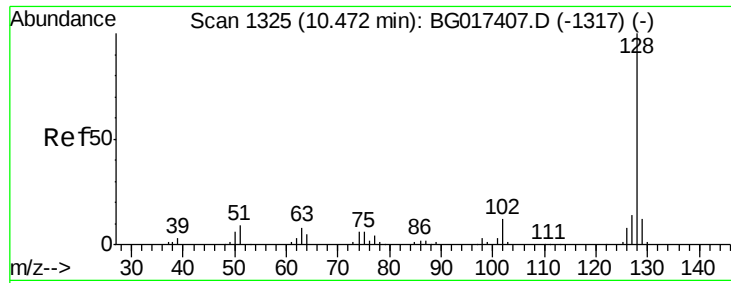
apatel
6/5/2015 8:12:39 AM



#30
1,2,4-Trichlorobenzene
Concen: 40.52 ng
RT: 10.28 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BG017429.D
Acq: 4 Jun 2015 5:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	102.3	74.5	111.7
145	29.5	23.5	35.3





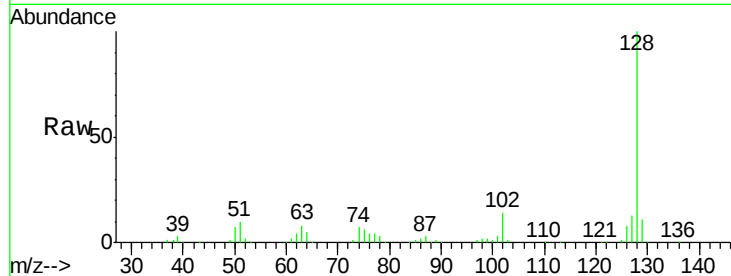
#31
Naphthalene
Concen: 41.96 ng
RT: 10.47 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BG017429.D
Acq: 4 Jun 2015 5:42

Instrument :
BNA_G
ClientSampleId :
PENRD8.1(4)MS

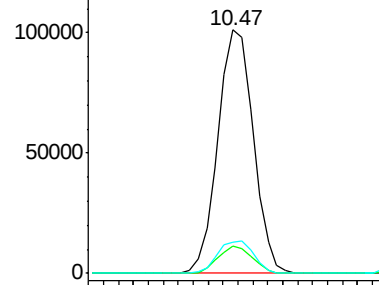
Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	11.3	9.2	13.8
127	12.8	10.9	16.3

Manual Integrations
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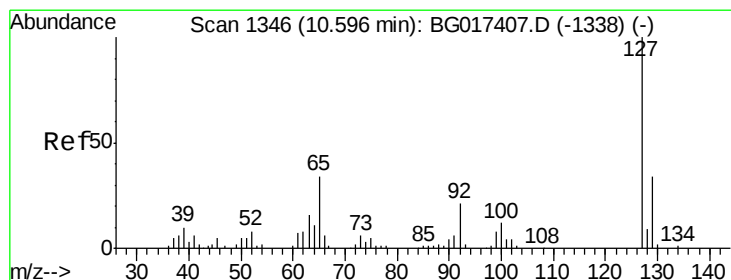
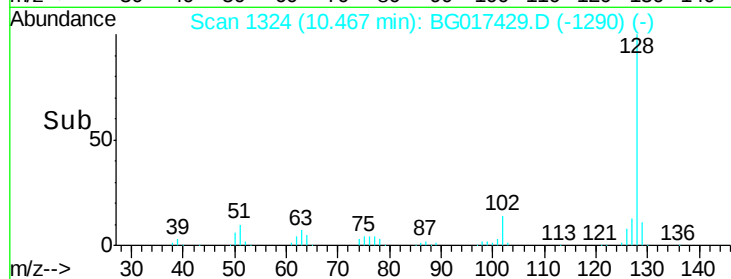
apatel
6/5/2015 8:12:39 AM



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



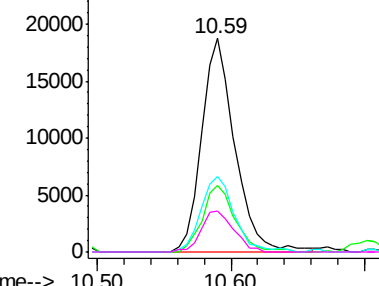
Time-->



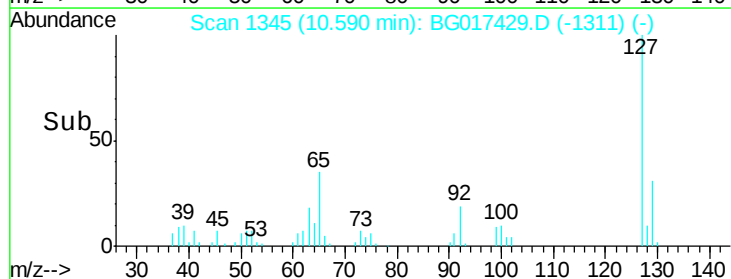
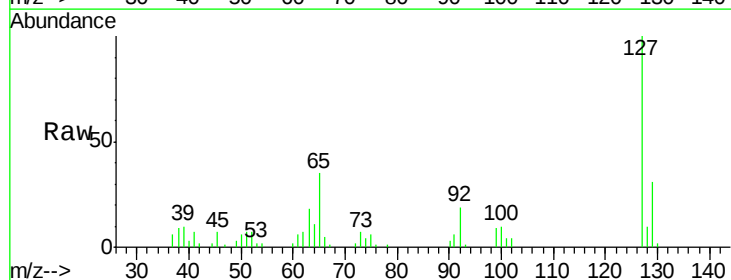
#33
4-Chloroaniline
Concen: 18.59 ng
RT: 10.59 min Scan# 1345
Delta R.T. -0.00 min
Lab File: BG017429.D
Acq: 4 Jun 2015 5:42

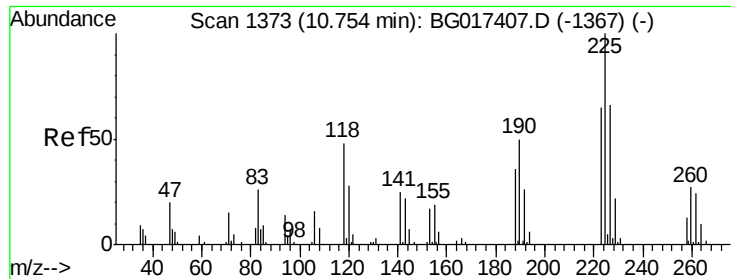
Tgt Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	31.5	27.1	40.7
65	35.4	27.6	41.4
92	19.2	16.7	25.1

Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC



Time-->





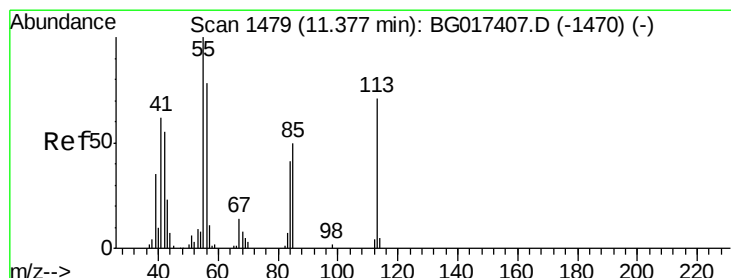
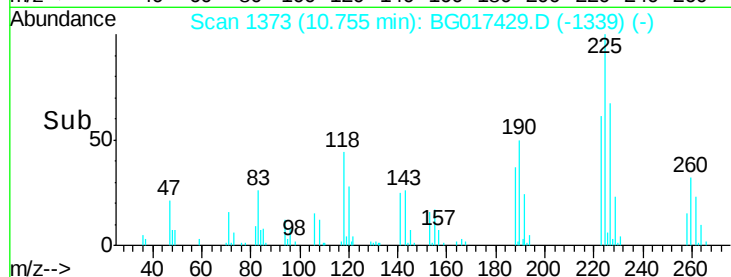
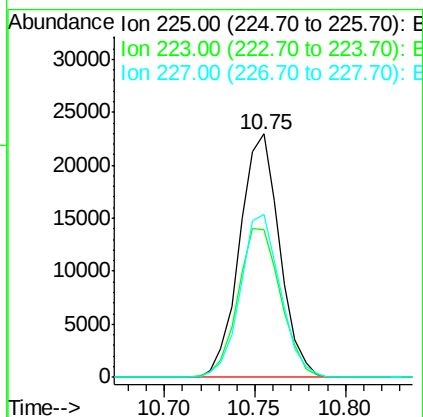
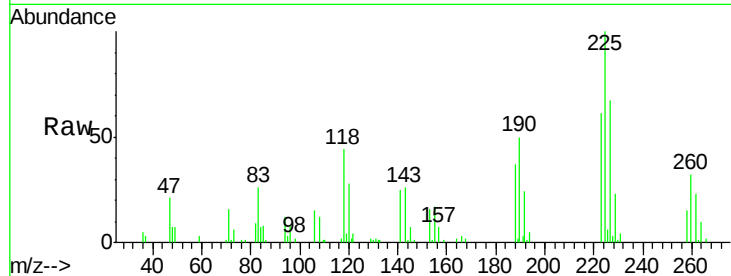
#34
Hexachlorobutadiene
Concen: 39.89 ng
RT: 10.75 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BG017429.D
Acq: 4 Jun 2015 5:42

Instrument :
BNA_G
ClientSampleId :
PENRD8.1(4)MS

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	35209		
223	60.6		52.2	78.2
227	66.8		52.6	78.8

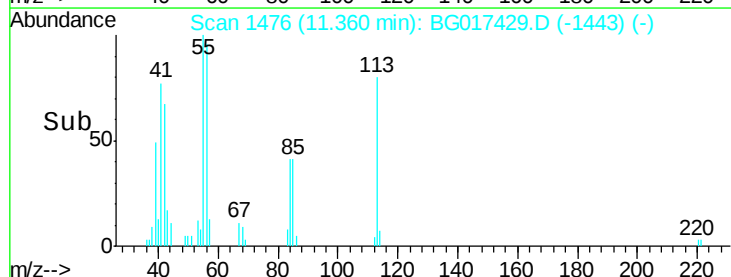
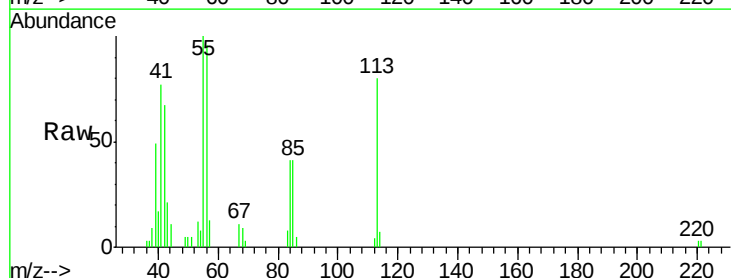
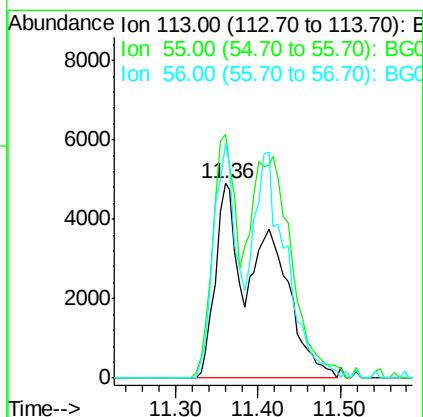
Manual Integrations
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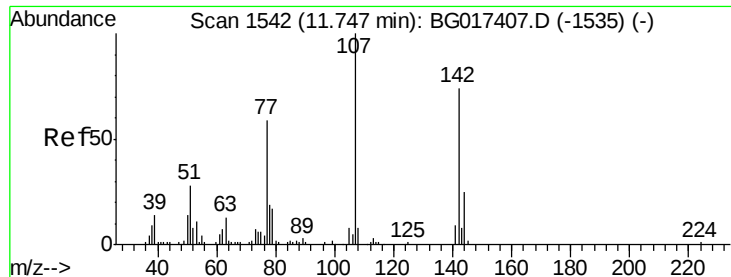
apatel
6/5/2015 8:12:39 AM



#35
Caprolactam
Concen: 33.09 ng m
RT: 11.36 min Scan# 1476
Delta R.T. -0.01 min
Lab File: BG017429.D
Acq: 4 Jun 2015 5:42

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	21001		
55	125.1		121.6	161.6
56	120.3		89.8	129.8





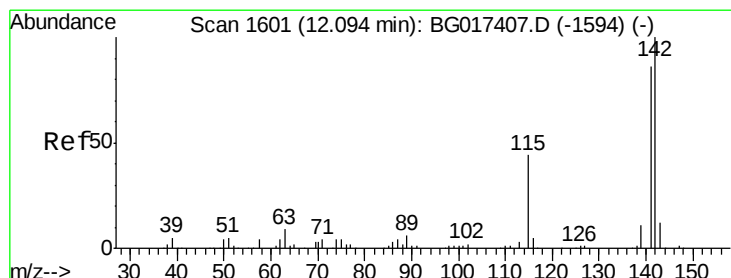
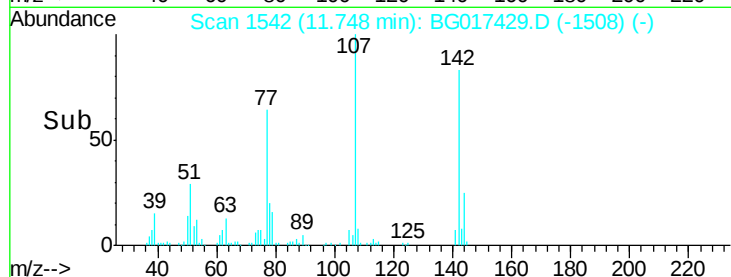
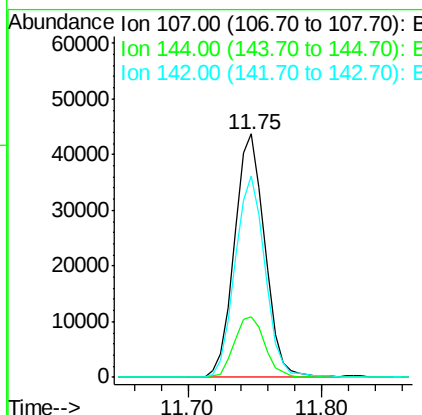
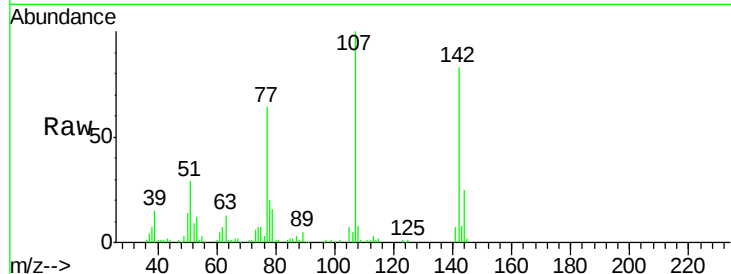
#36
 4-Chloro-3-methylphenol
 Concen: 46.03 ng
 RT: 11.75 min Scan# 1542
 Delta R.T. -0.00 min
 Lab File: BG017429.D
 Acq: 4 Jun 2015 5:42

Instrument :
 BNA_G
 ClientSampleId :
 PENRD8.1(4)MS

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.8	19.8	29.8
142	82.6	59.0	88.4

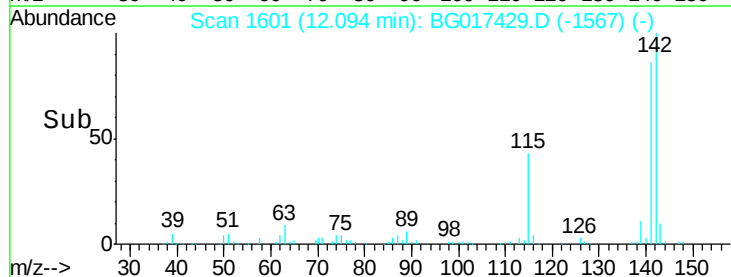
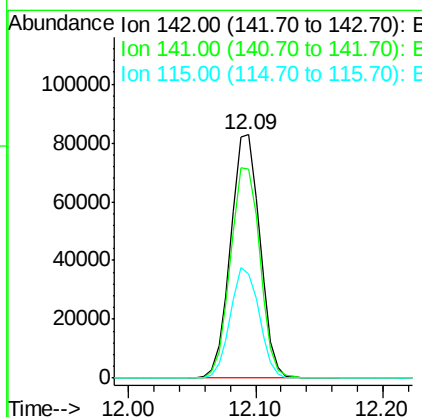
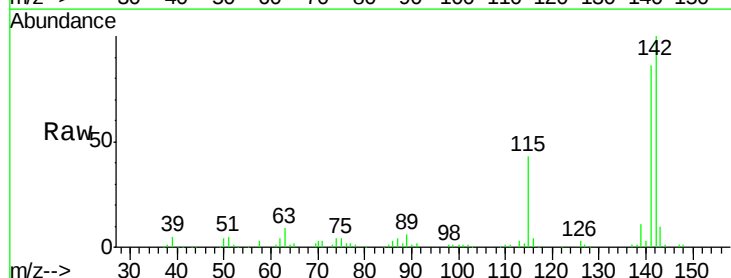
Manual Integrations
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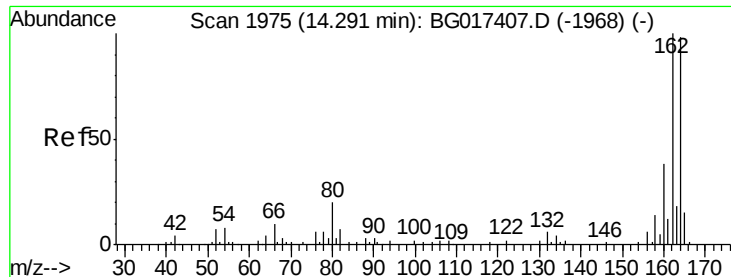
apatel
 6/5/2015 8:12:39 AM



#37
 2-Methylnaphthalene
 Concen: 43.63 ng
 RT: 12.09 min Scan# 1601
 Delta R.T. -0.00 min
 Lab File: BG017429.D
 Acq: 4 Jun 2015 5:42

Tgt Ion	Ratio	Lower	Upper
142	100		
141	85.7	68.6	102.8
115	42.7	35.3	52.9





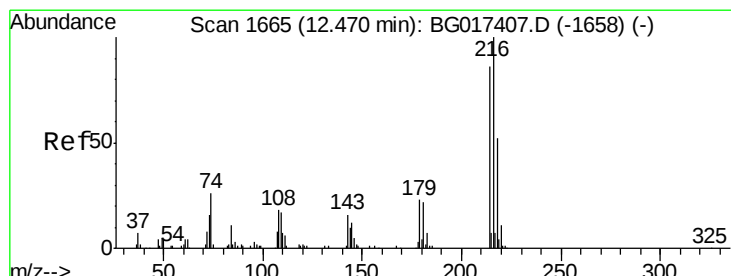
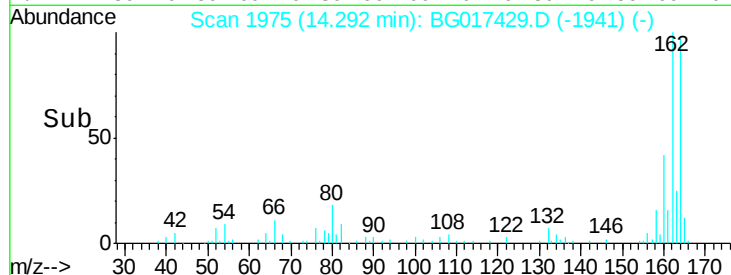
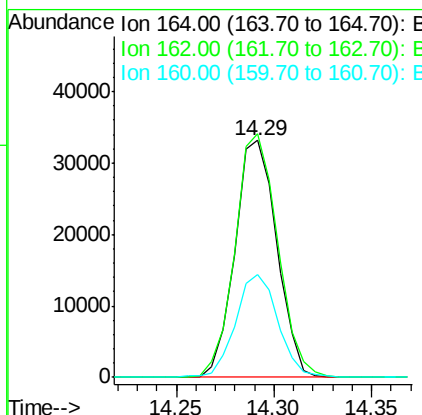
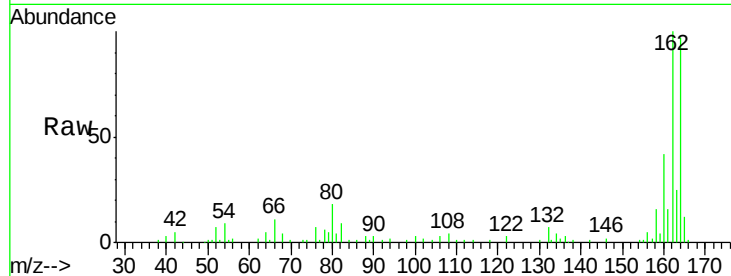
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.29 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BG017429.D
Acq: 4 Jun 2015 5:42

Instrument :
BNA_G
ClientSampleId :
PENRD8.1(4)MS

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	49100		
162	102.8	81.8	122.6	
160	43.3	31.0	46.4	

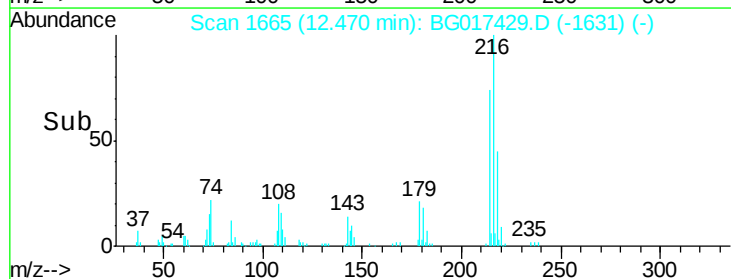
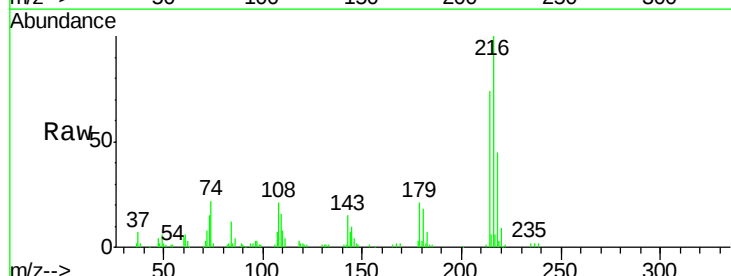
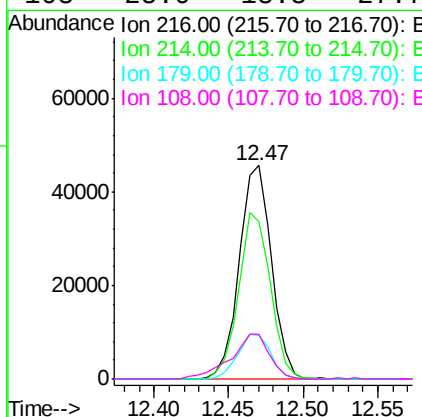
Manual Integrations
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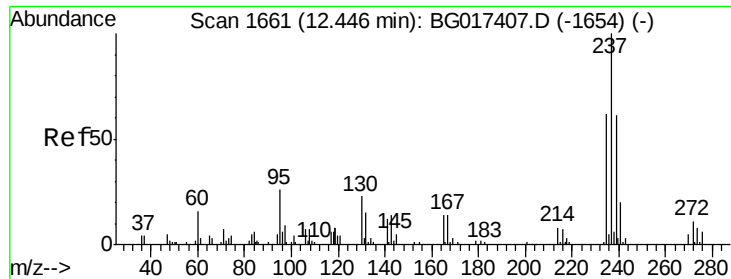
apatel
6/5/2015 8:12:39 AM



#39
1,2,4,5-Tetrachlorobenzene
Concen: 45.66 ng
RT: 12.47 min Scan# 1665
Delta R.T. -0.00 min
Lab File: BG017429.D
Acq: 4 Jun 2015 5:42

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	68225		
214	76.8	66.5	99.7	
179	21.5	17.3	25.9	
108	25.0	18.5	27.7	





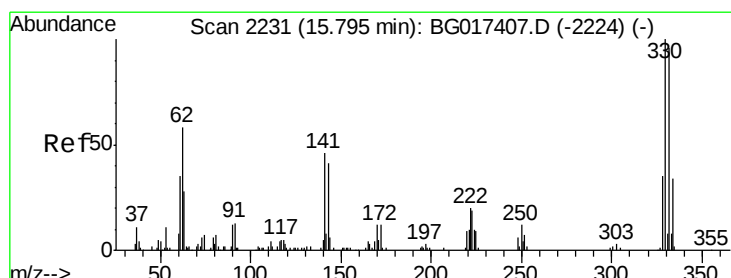
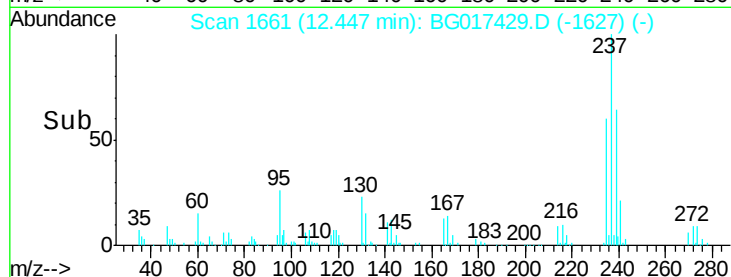
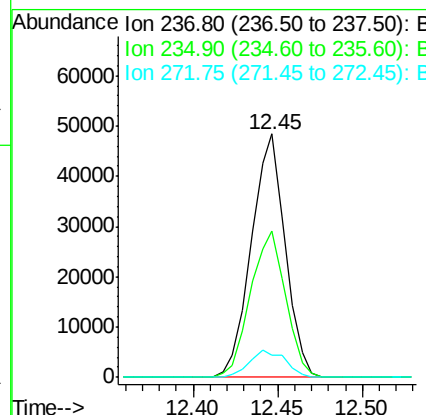
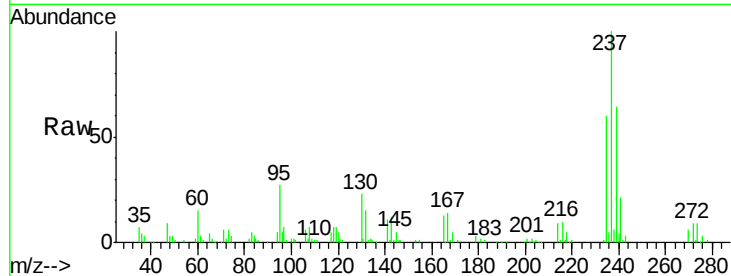
#40
Hexachlorocyclopentadiene
Concen: 76.69 ng
RT: 12.45 min Scan# 1661
Delta R.T. -0.00 min
Lab File: BG017429.D
Acq: 4 Jun 2015 5:42

Instrument :
BNA_G
ClientSampleId :
PENRD8.1(4)MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	60.3	42.3	82.3
272	9.3	0.0	31.2

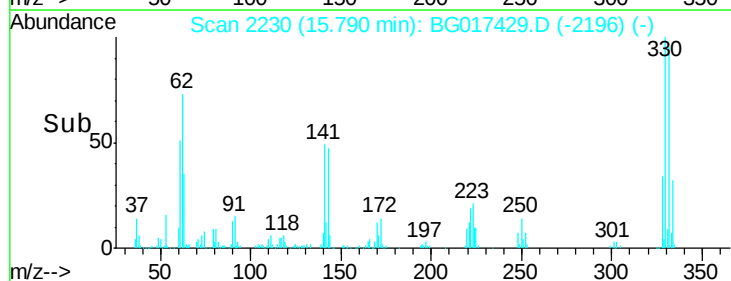
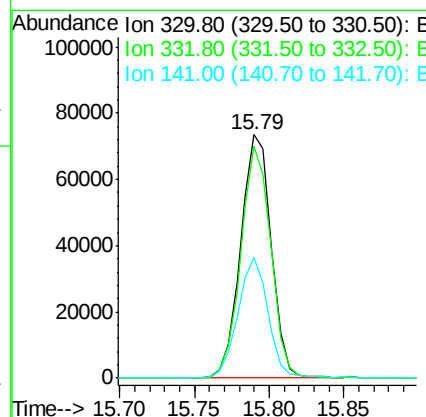
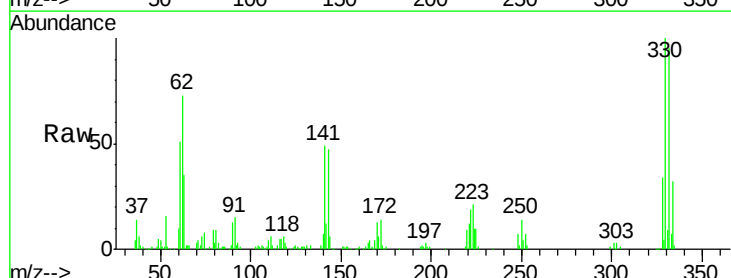
Manual Integrations
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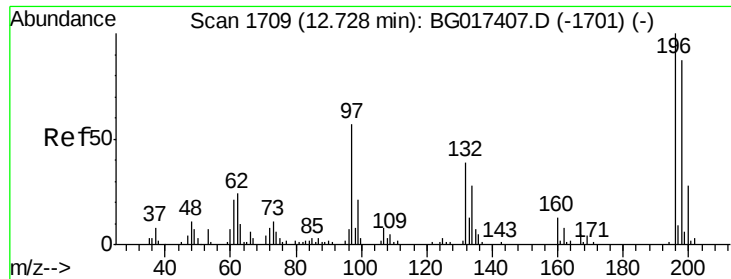
apatel
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#41
2,4,6-Tribromophenol
Concen: 153.32 ng
RT: 15.79 min Scan# 2230
Delta R.T. -0.00 min
Lab File: BG017429.D
Acq: 4 Jun 2015 5:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	93.3	75.9	113.9
141	49.1	40.2	60.4





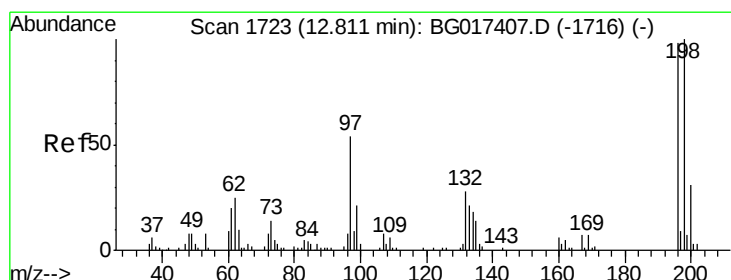
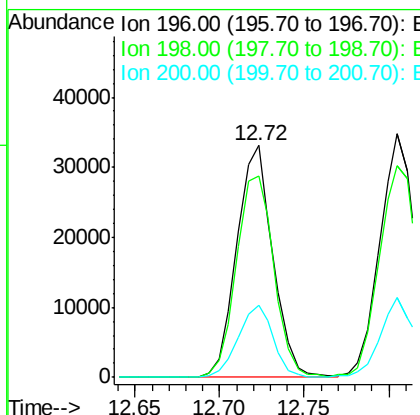
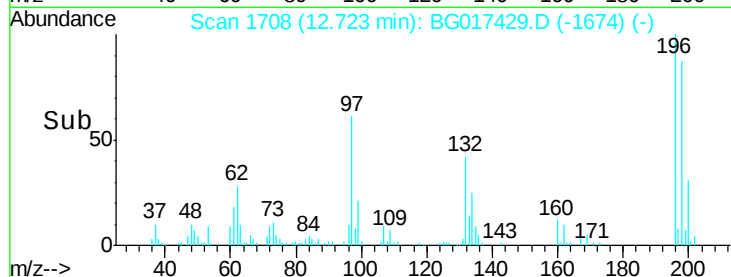
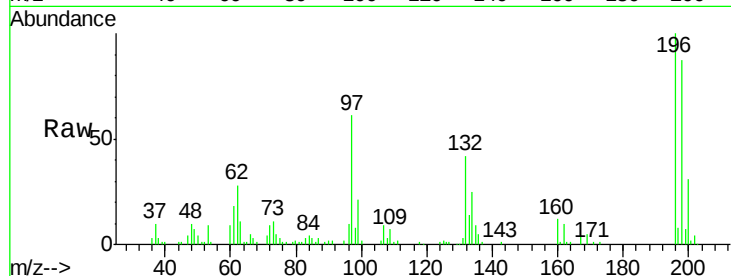
#42
2,4,6-Trichlorophenol
Concen: 46.02 ng
RT: 12.72 min Scan# 1708
Delta R.T. -0.00 min
Lab File: BG017429.D
Acq: 4 Jun 2015 5:42

Instrument :
BNA_G
ClientSampleId :
PENRD8.1(4)MS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	49237		
198	86.9	69.9	104.9	
200	31.3	22.7	34.1	

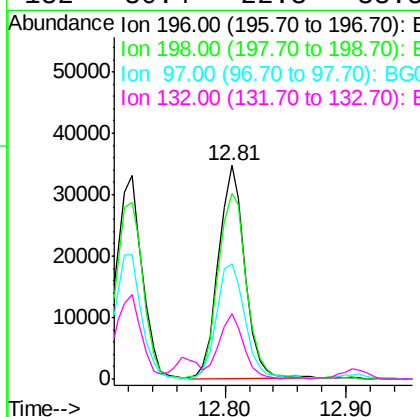
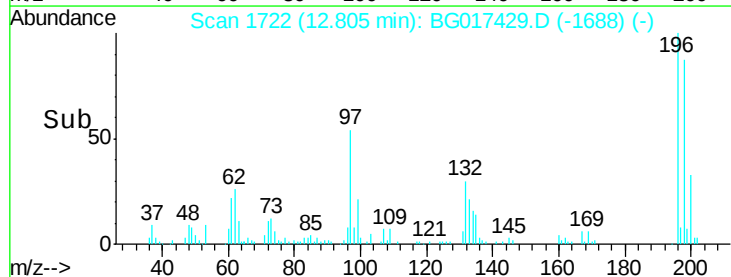
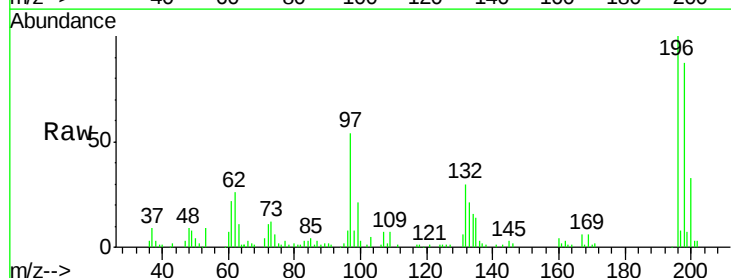
Manual Integrations
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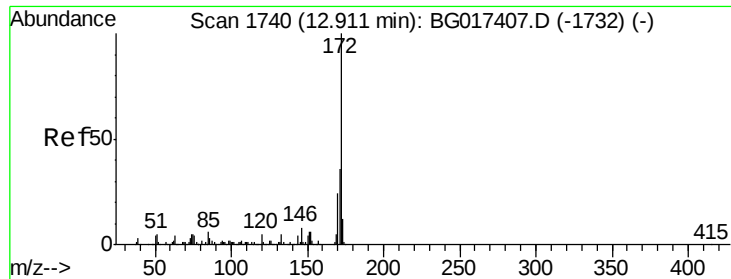
apatel
6/5/2015 8:12:39 AM



#43
2,4,5-Trichlorophenol
Concen: 44.47 ng
RT: 12.81 min Scan# 1722
Delta R.T. -0.00 min
Lab File: BG017429.D
Acq: 4 Jun 2015 5:42

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	52107		
198	87.1	80.6	121.0	
97	54.2	43.2	64.8	
132	30.4	22.3	33.5	





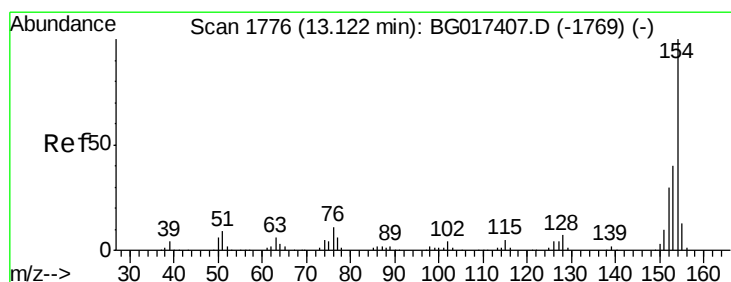
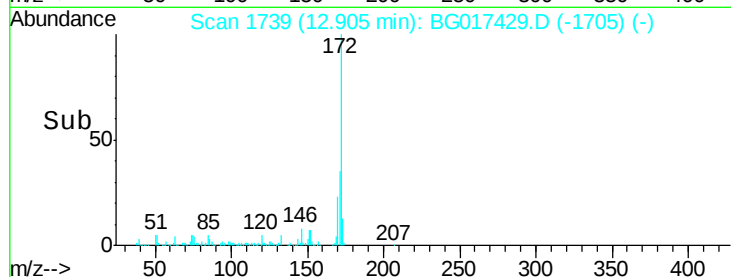
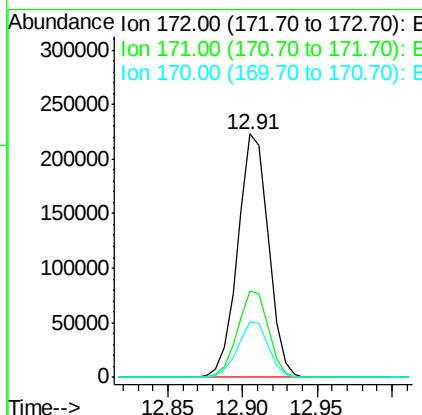
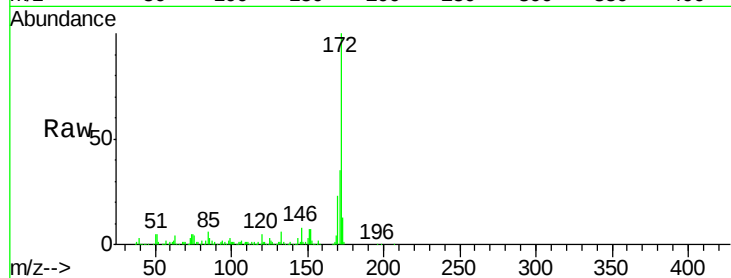
#44
2-Fluorobiphenyl
Concen: 97.51 ng
RT: 12.91 min Scan# 1739
Delta R.T. -0.00 min
Lab File: BG017429.D
Acq: 4 Jun 2015 5:42

Instrument :
BNA_G
ClientSampleId :
PENRD8.1(4)MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
172	100		
171	35.3	29.0	43.6
170	22.5	18.9	28.3

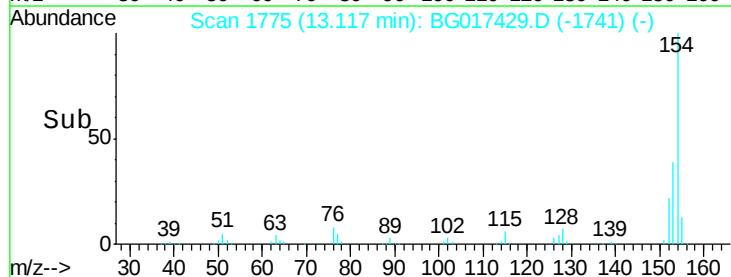
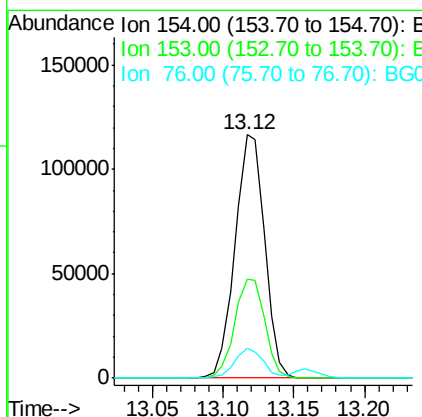
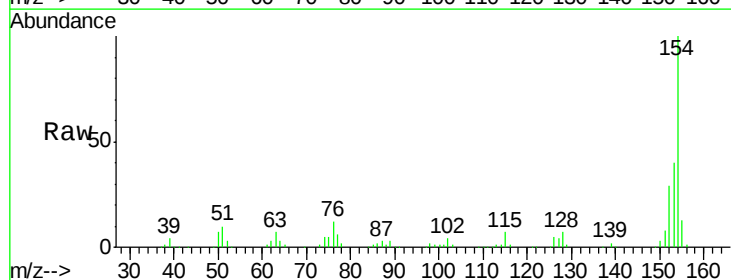
Manual Integrations
APPROVED

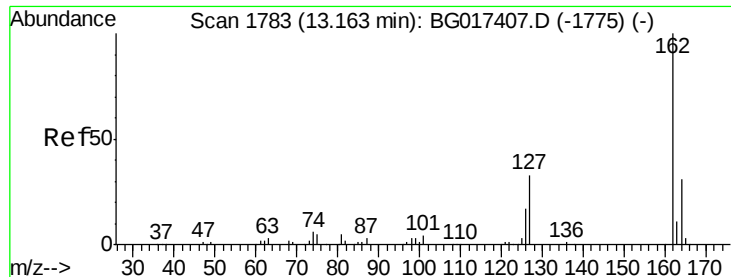
apatel
6/5/2015 8:12:39 AM



#45
1,1'-Biphenyl
Concen: 47.40 ng
RT: 13.12 min Scan# 1775
Delta R.T. -0.00 min
Lab File: BG017429.D
Acq: 4 Jun 2015 5:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	40.4	20.1	60.1
76	12.4	0.0	31.5





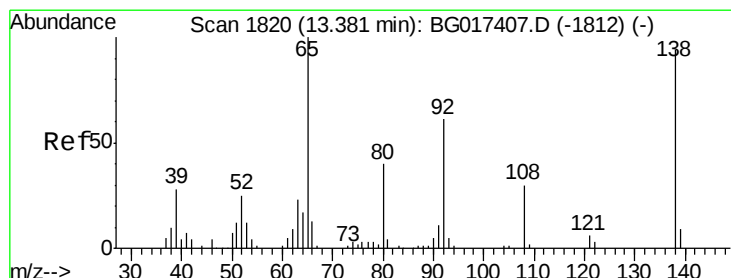
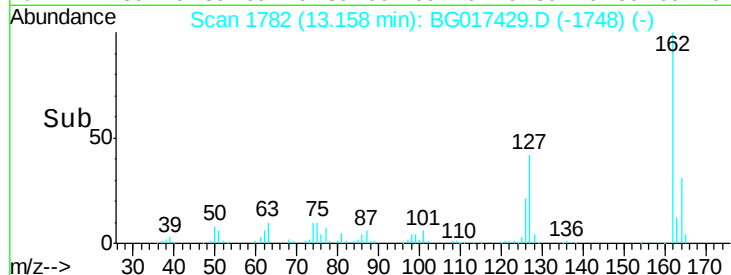
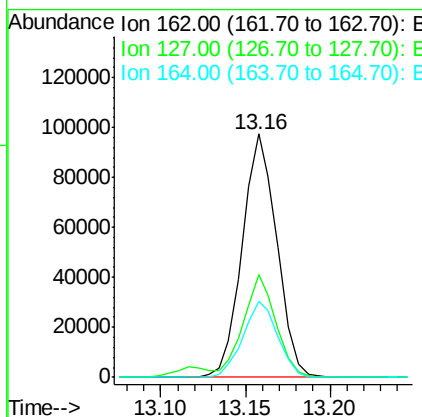
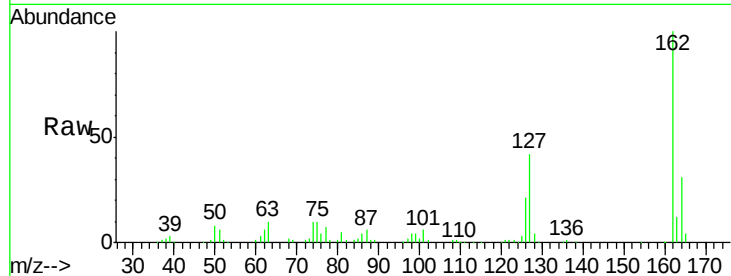
#46
2-Chloronaphthalene
Concen: 46.08 ng
RT: 13.16 min Scan# 1782
Delta R.T. -0.00 min
Lab File: BG017429.D
Acq: 4 Jun 2015 5:42

Instrument :
BNA_G
ClientSampleId :
PENRD8.1(4)MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
127	42.2	29.4	44.2
164	31.2	24.9	37.3

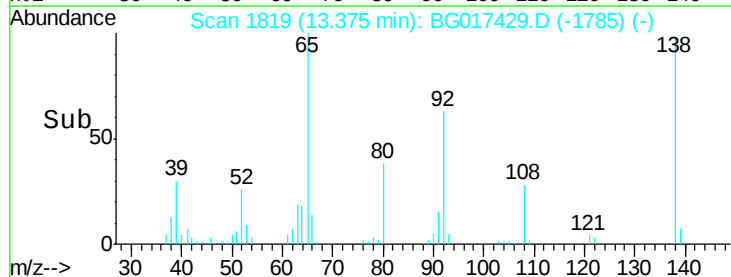
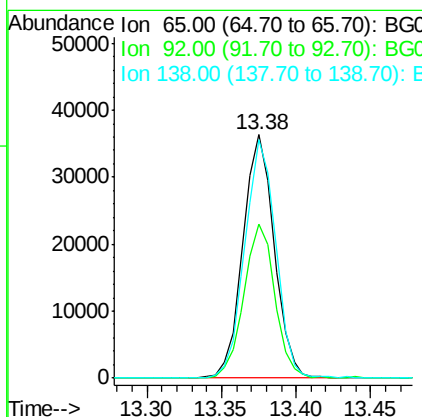
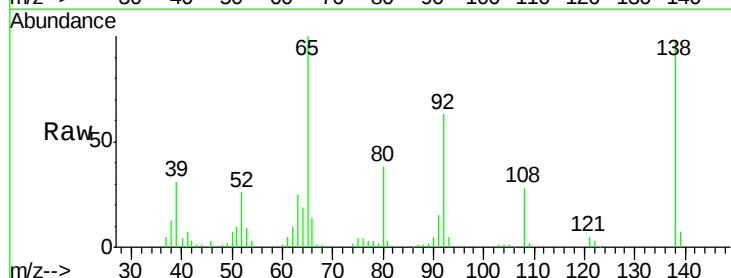
Manual Integrations
APPROVED

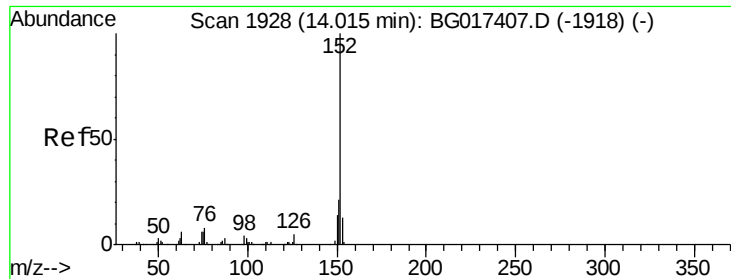
apatel
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#47
2-Nitroaniline
Concen: 47.57 ng
RT: 13.38 min Scan# 1819
Delta R.T. -0.00 min
Lab File: BG017429.D
Acq: 4 Jun 2015 5:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
65	100		
92	63.2	49.1	73.7
138	98.0	75.4	113.0





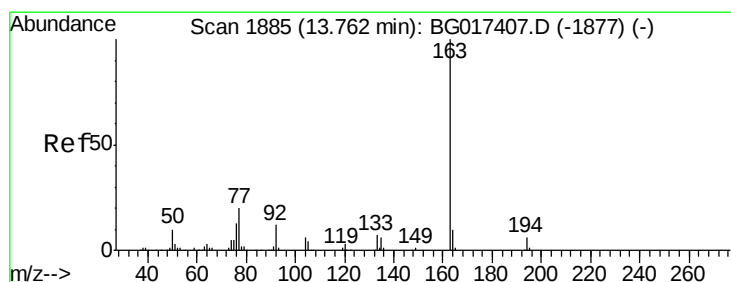
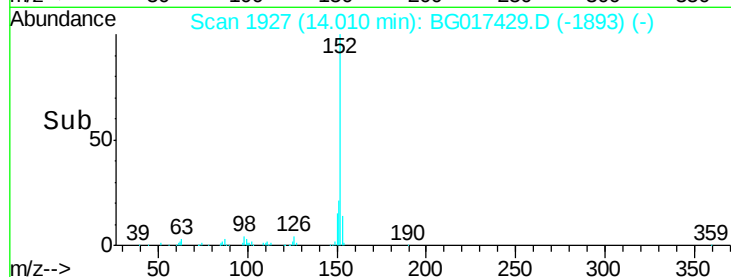
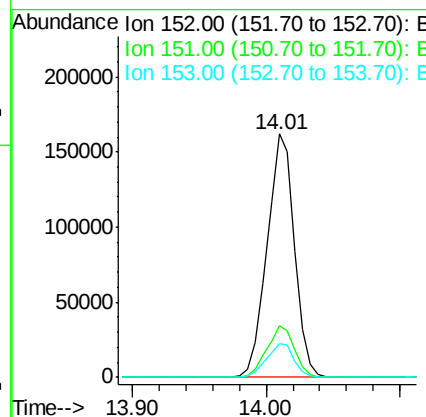
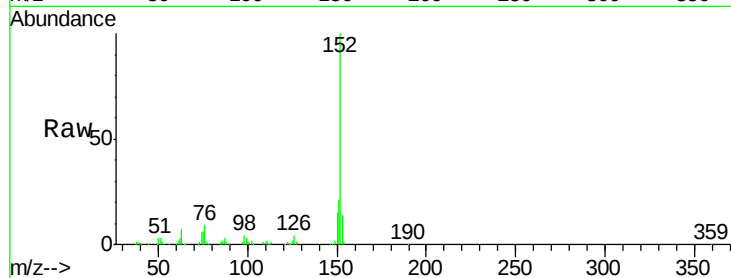
#48
Acenaphthylene
Concen: 43.25 ng
RT: 14.01 min Scan# 1927
Delta R.T. -0.00 min
Lab File: BG017429.D
Acq: 4 Jun 2015 5:42

Instrument :
BNA_G
ClientSampleId :
PENRD8.1(4)MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
152	100		
151	21.4	16.5	24.7
153	14.0	10.7	16.1

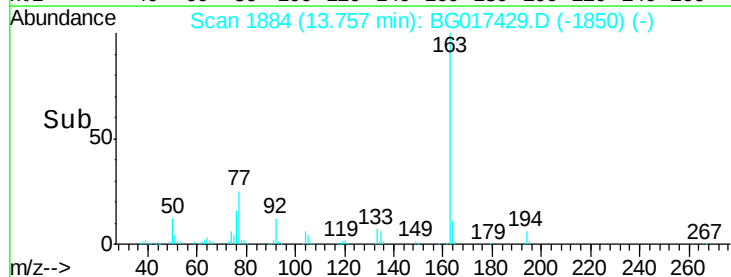
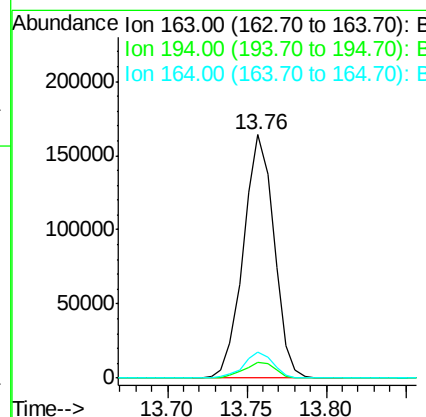
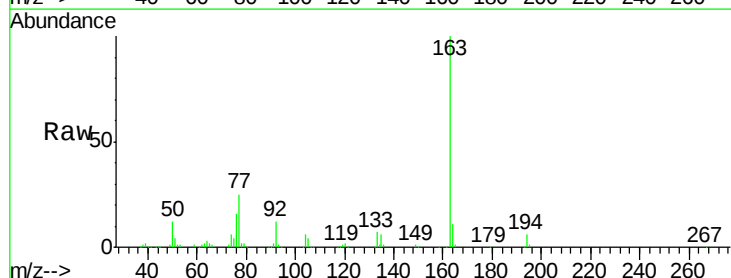
Manual Integrations
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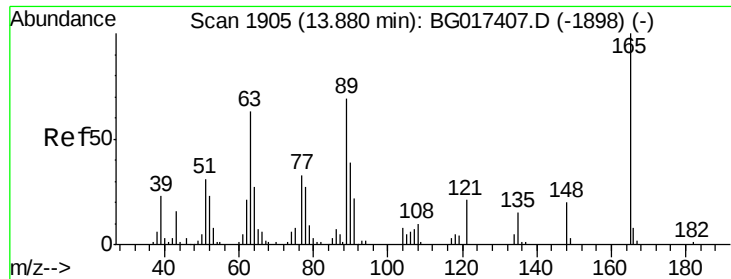
apatel
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#49
Dimethylphthalate
Concen: 51.56 ng
RT: 13.76 min Scan# 1884
Delta R.T. -0.00 min
Lab File: BG017429.D
Acq: 4 Jun 2015 5:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	6.3	4.9	7.3
164	10.6	8.2	12.2





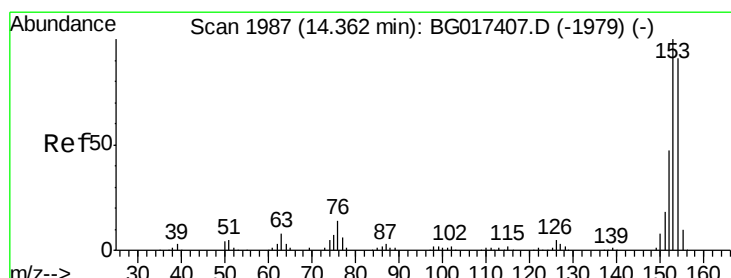
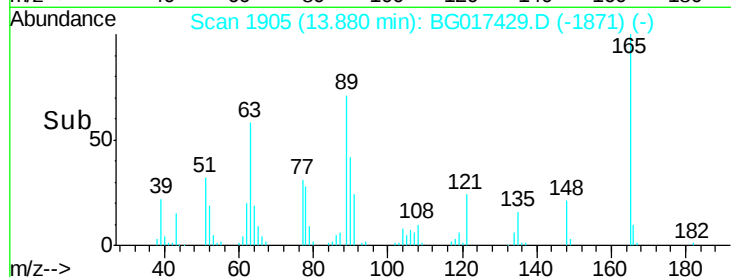
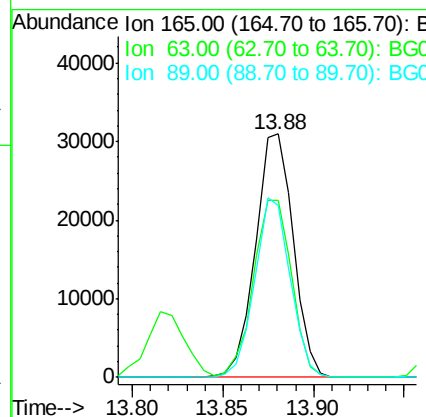
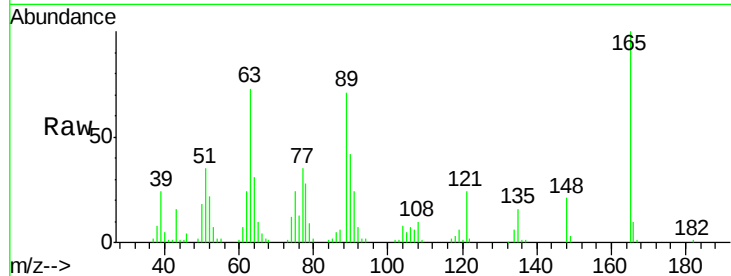
#50
2,6-Dinitrotoluene
Concen: 46.73 ng
RT: 13.88 min Scan# 1905
Delta R.T. -0.00 min
Lab File: BG017429.D
Acq: 4 Jun 2015 5:42

Instrument :
BNA_G
ClientSampleId :
PENRD8.1(4)MS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	44870		
63	72.6	53.7	80.5	
89	70.7	55.4	83.2	

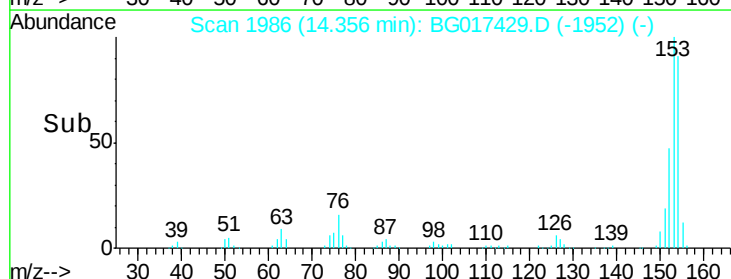
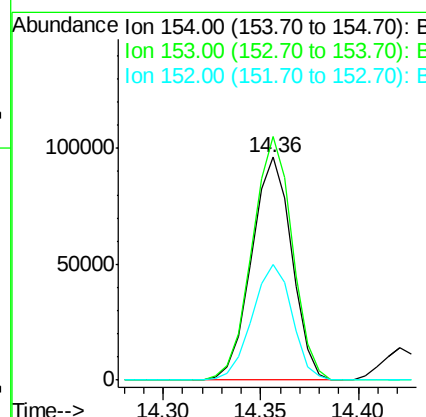
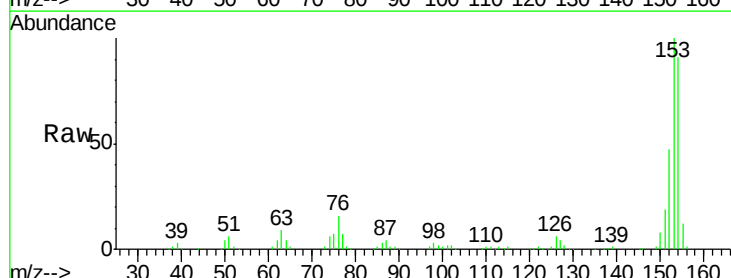
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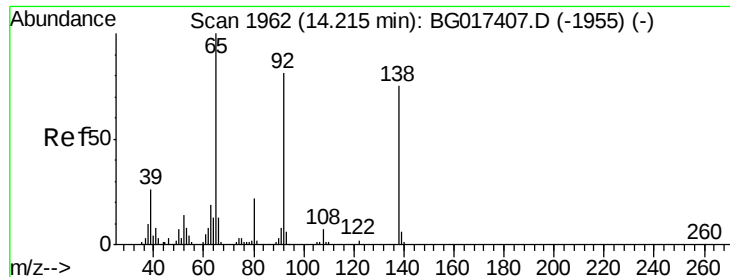
apatel
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#51
Acenaphthene
Concen: 44.00 ng
RT: 14.36 min Scan# 1986
Delta R.T. -0.00 min
Lab File: BG017429.D
Acq: 4 Jun 2015 5:42

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	137110		
153	109.3	87.7	131.5	
152	51.8	40.8	61.2	





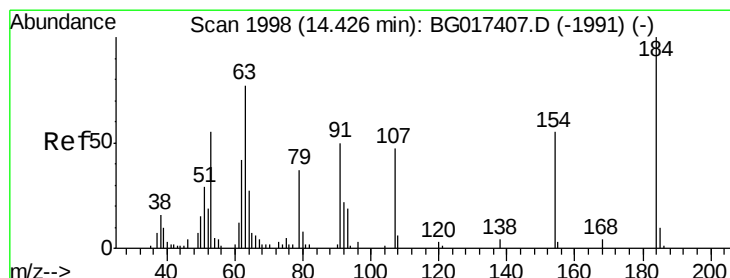
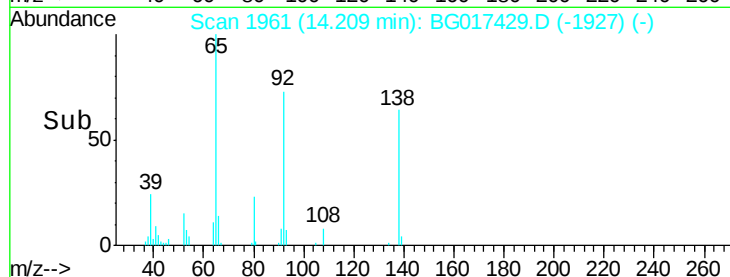
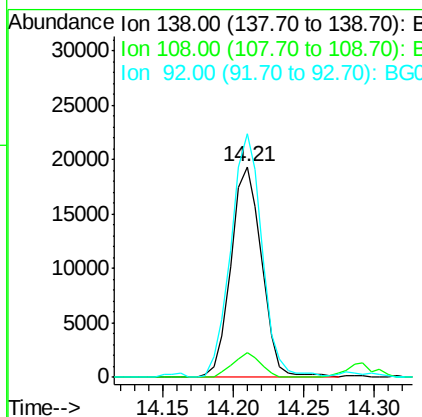
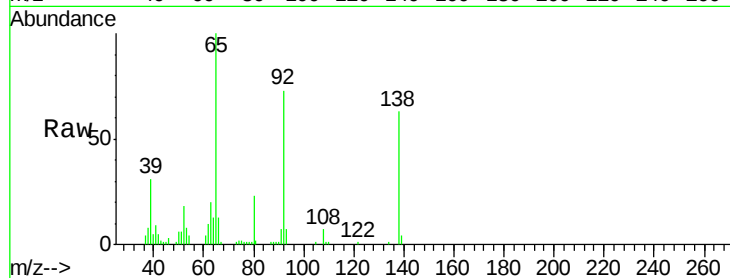
#52
3-Nitroaniline
Concen: 28.32 ng
RT: 14.21 min Scan# 1961
Delta R.T. -0.00 min
Lab File: BG017429.D
Acq: 4 Jun 2015 5:42

Instrument :
BNA_G
ClientSampleId :
PENRD8.1(4)MS

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.9	7.5	11.3#
92	115.4	87.0	130.4

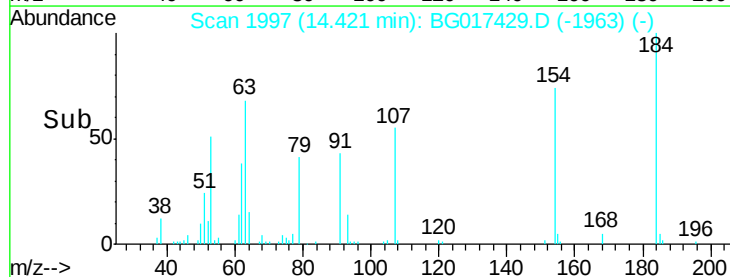
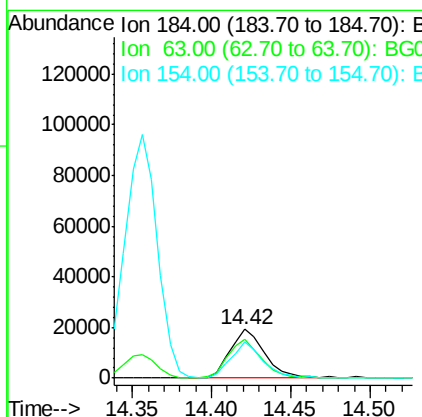
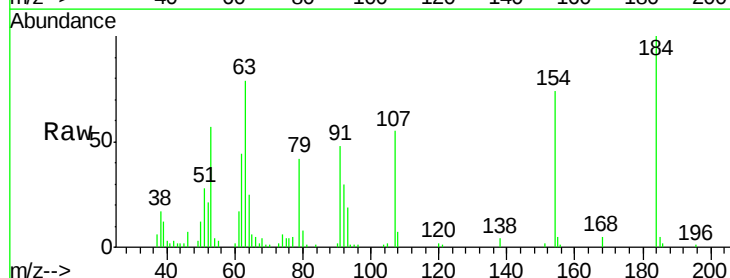
Manual Integrations
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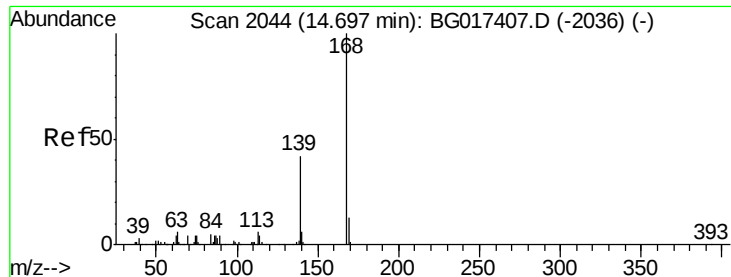
apatel
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#53
2,4-Dinitrophenol
Concen: 51.58 ng
RT: 14.42 min Scan# 1997
Delta R.T. -0.00 min
Lab File: BG017429.D
Acq: 4 Jun 2015 5:42

Tgt Ion	Ratio	Lower	Upper
184	100		
63	79.3	61.5	92.3
154	73.6	53.8	80.8





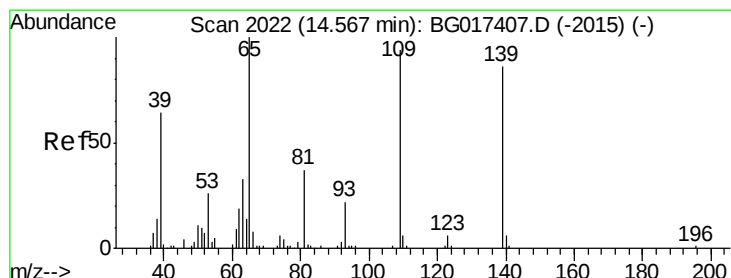
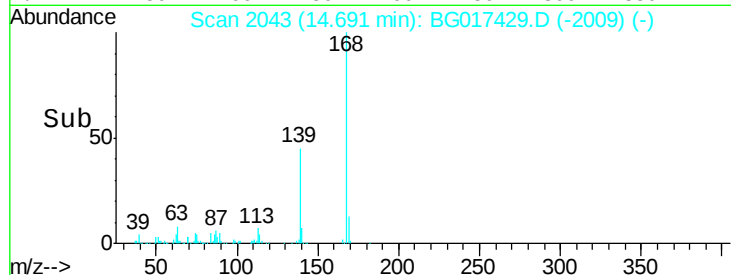
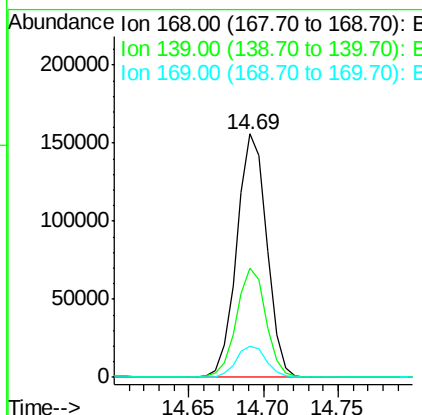
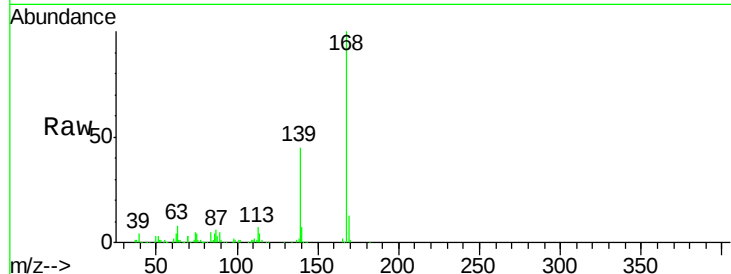
#54
Dibenzofuran
Concen: 47.28 ng
RT: 14.69 min Scan# 2043
Delta R.T. -0.00 min
Lab File: BG017429.D
Acq: 4 Jun 2015 5:42

Instrument :
BNA_G
ClientSampleId :
PENRD8.1(4)MS

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	217376		
139	45.1	33.2	49.8	
169	12.9	10.6	16.0	

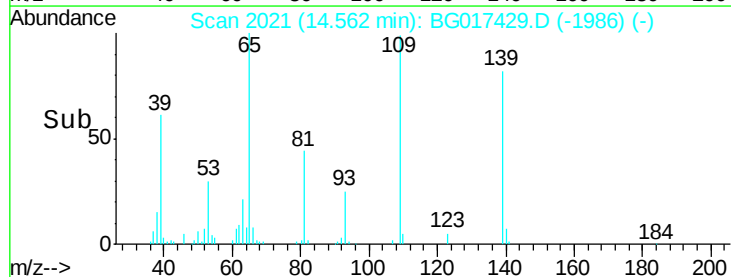
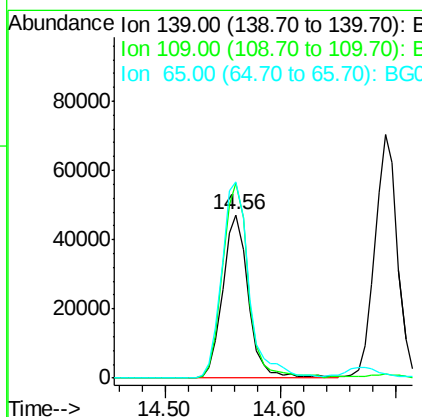
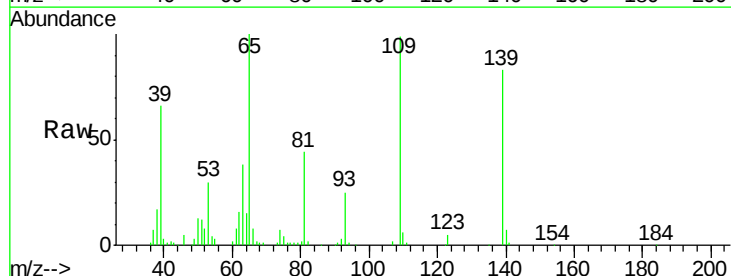
Manual Integrations
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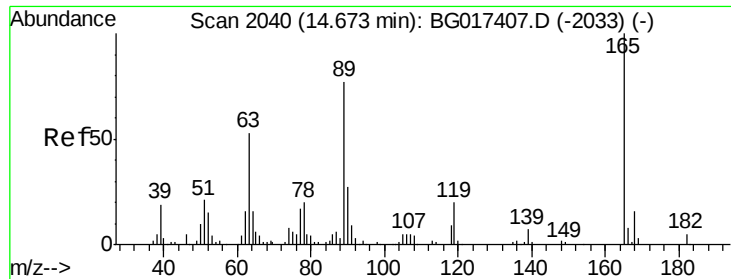
apatel
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#55
4-Nitrophenol
Concen: 88.01 ng
RT: 14.56 min Scan# 2021
Delta R.T. 0.01 min
Lab File: BG017429.D
Acq: 4 Jun 2015 5:42

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	73094		
109	118.9	89.5	129.5	
65	120.2	95.9	135.9	





#56

2,4-Dinitrotoluene

Concen: 47.09 ng

RT: 14.67 min Scan# 2039

Delta R.T. -0.00 min

Lab File: BG017429.D

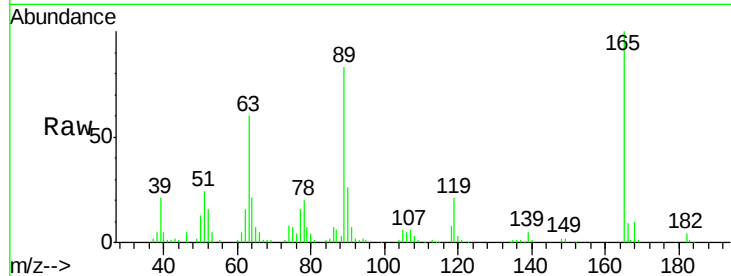
Acq: 4 Jun 2015 5:42

Instrument :

BNA_G

ClientSampleId :

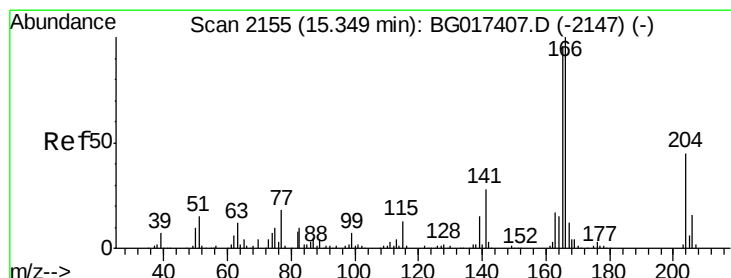
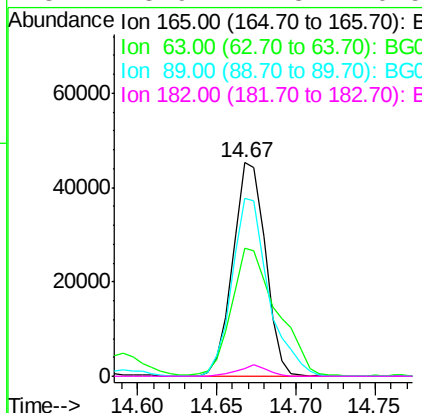
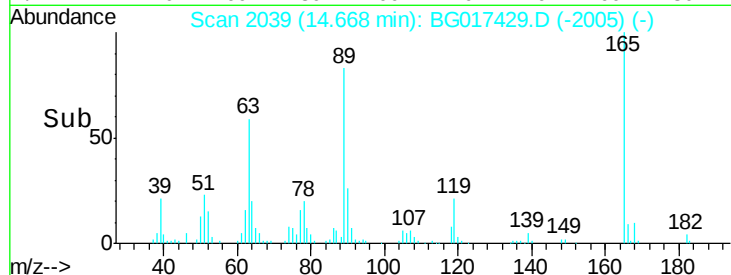
PENRD8.1(4)MS



Tgt Ion	Ratio	Resp	Lower	Upper
165	100	64414		
63	60.1	42.9	64.3	
89	83.3	61.5	92.3	
182	3.9	4.3	6.5	

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#57

Fluorene

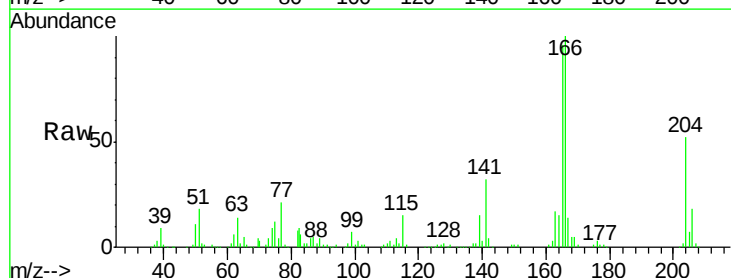
Concen: 45.61 ng

RT: 15.34 min Scan# 2154

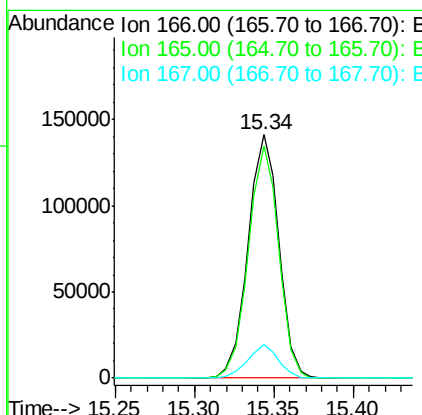
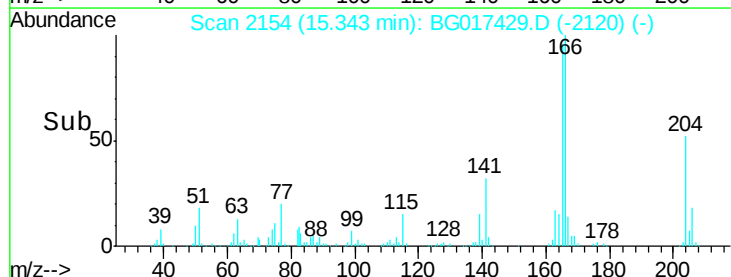
Delta R.T. -0.00 min

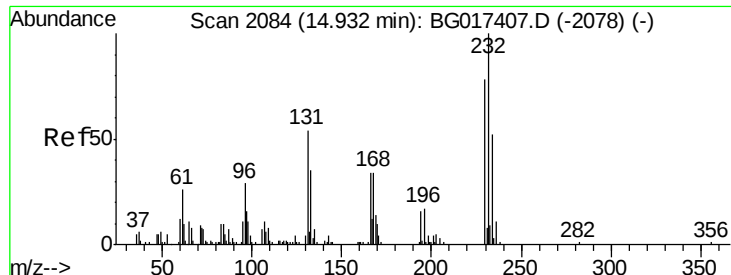
Lab File: BG017429.D

Acq: 4 Jun 2015 5:42



Tgt Ion	Ratio	Resp	Lower	Upper
166	100	190119		
165	95.5	76.8	115.2	
167	13.8	9.9	14.9	





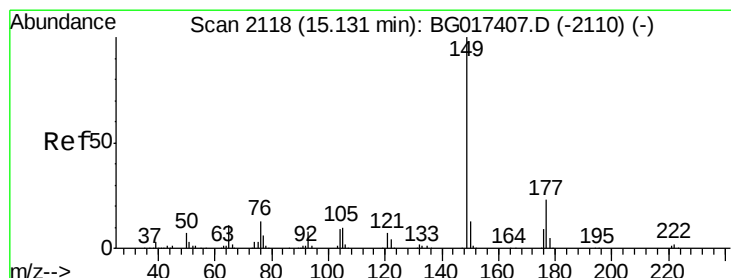
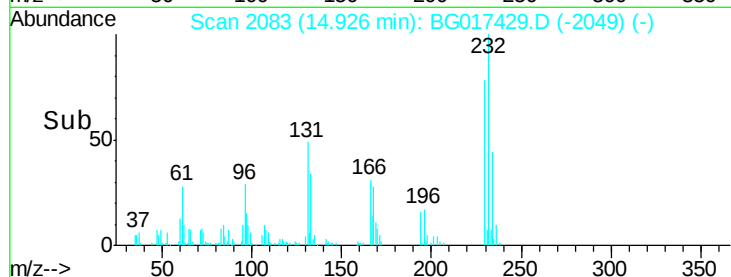
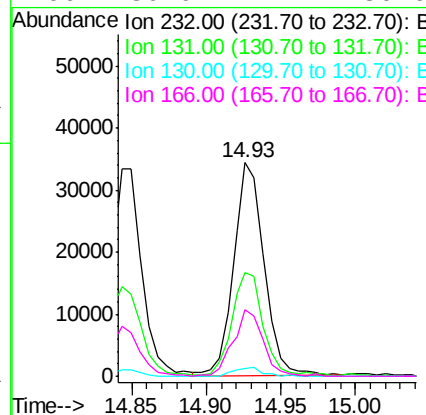
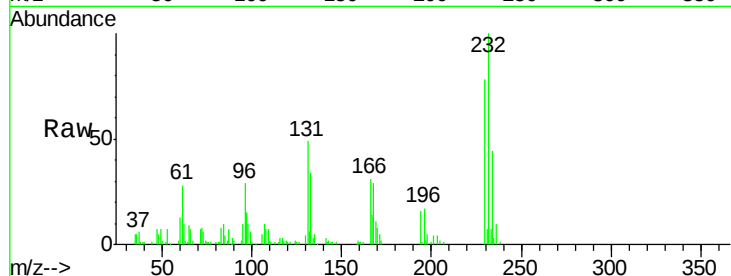
#58
2,3,4,6-Tetrachlorophenol
Concen: 45.59 ng
RT: 14.93 min Scan# 2083
Delta R.T. -0.00 min
Lab File: BG017429.D
Acq: 4 Jun 2015 5:42

Instrument :
BNA_G
ClientSampleId :
PENRD8.1(4)MS

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	48730		
131	48.1		40.1	60.1
130	3.9		2.6	4.0
166	30.9		24.4	36.6

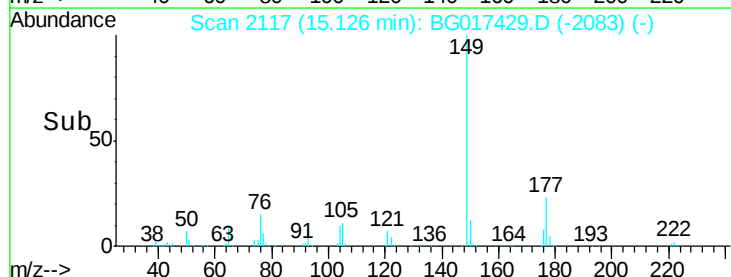
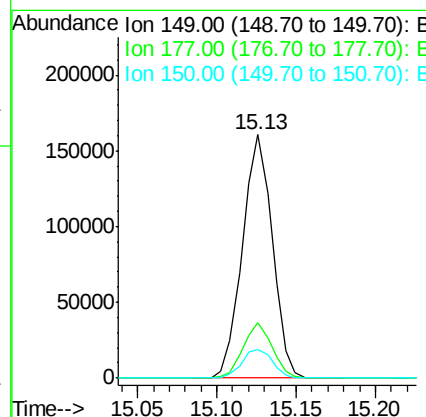
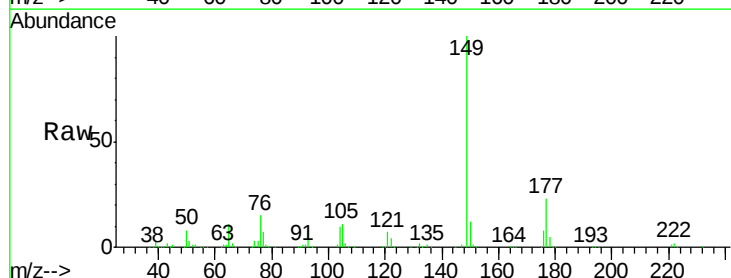
Manual Integrations
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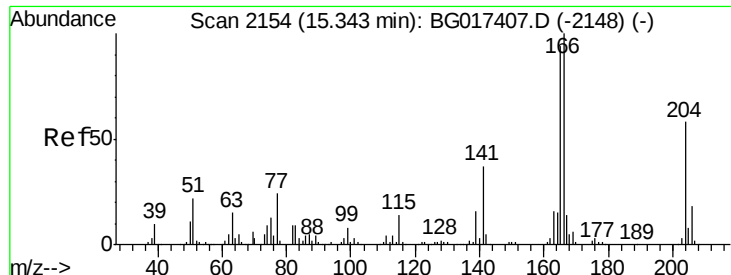
apatel
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#59
Diethylphthalate
Concen: 45.21 ng
RT: 15.13 min Scan# 2117
Delta R.T. -0.00 min
Lab File: BG017429.D
Acq: 4 Jun 2015 5:42

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	209743		
177	22.6		18.3	27.5
150	11.5		10.6	16.0





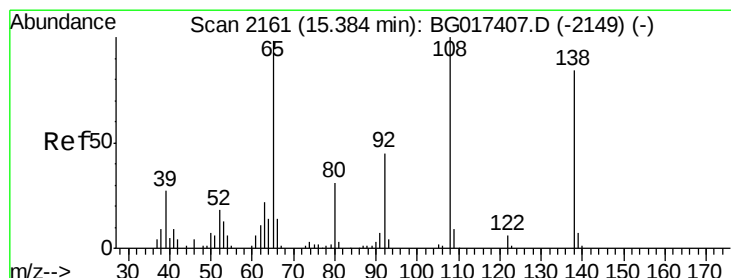
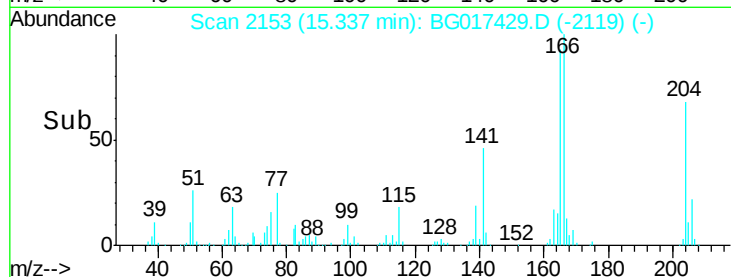
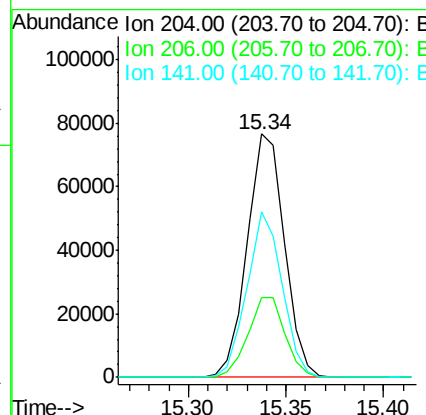
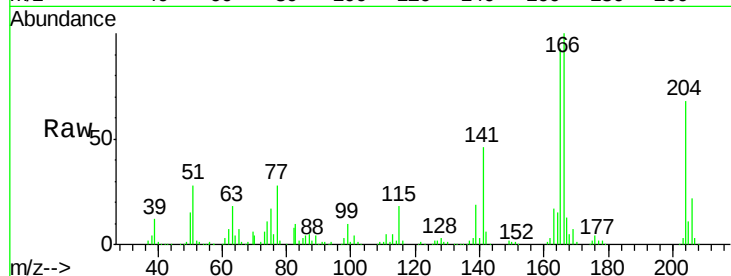
#60
 4-Chlorophenyl-phenylether
 Concen: 48.07 ng
 RT: 15.34 min Scan# 2153
 Delta R.T. -0.00 min
 Lab File: BG017429.D
 Acq: 4 Jun 2015 5:42

Instrument :
 BNA_G
 ClientSampleId :
 PENRD8.1(4)MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	32.8	25.0	37.4
141	68.2	50.9	76.3

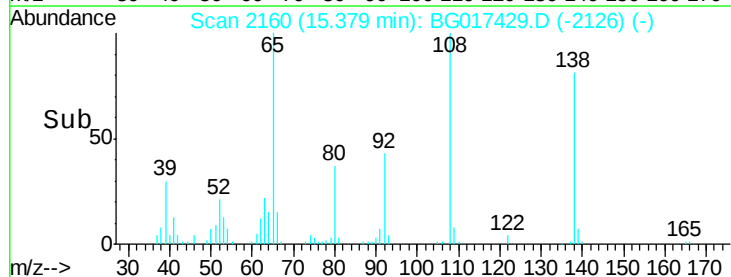
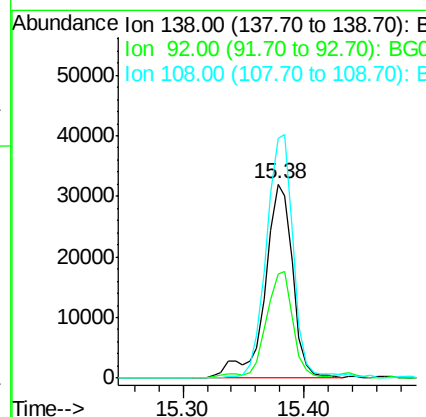
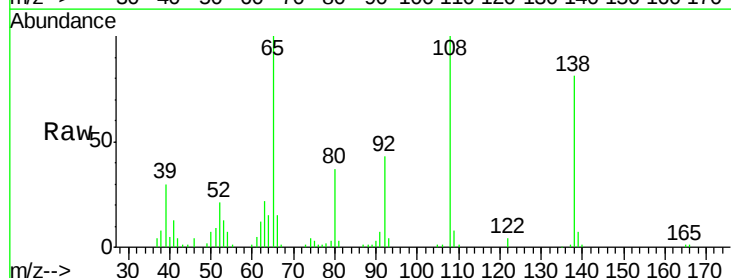
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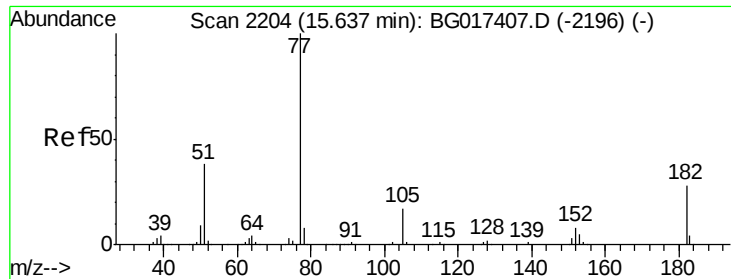
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#61
 4-Nitroaniline
 Concen: 45.15 ng
 RT: 15.38 min Scan# 2160
 Delta R.T. -0.00 min
 Lab File: BG017429.D
 Acq: 4 Jun 2015 5:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
138	100		
92	53.3	33.7	73.7
108	123.9	98.7	138.7





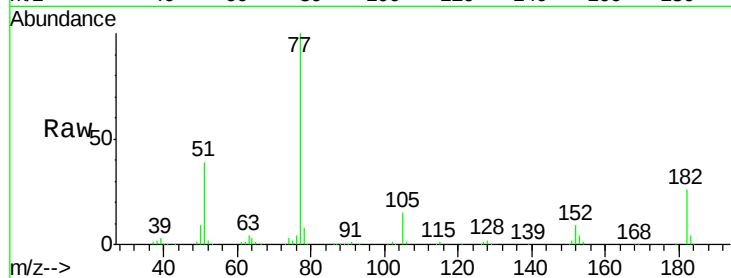
#62
Azobenzene
Concen: 47.38 ng
RT: 15.63 min Scan# 2203
Delta R.T. -0.00 min
Lab File: BG017429.D
Acq: 4 Jun 2015 5:42

Instrument :
BNA_G
ClientSampleId :
PENRD8.1(4)MS

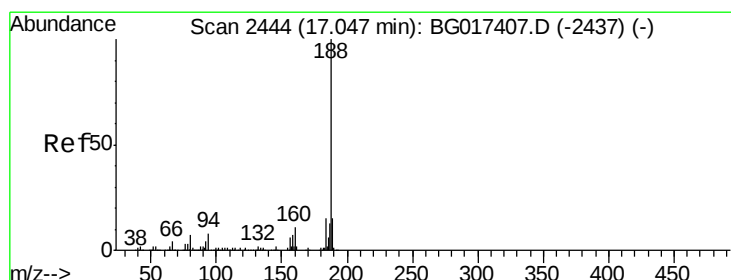
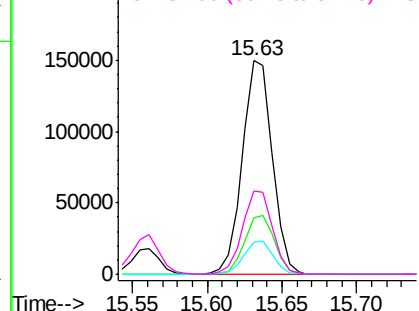
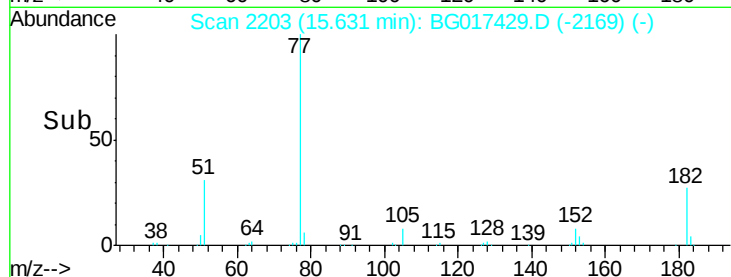
Tgt Ion	Ratio	Resp Lower	Resp Upper
77	100		
182	26.2	8.0	48.0
105	15.2	0.0	36.9
51	39.0	18.1	58.1

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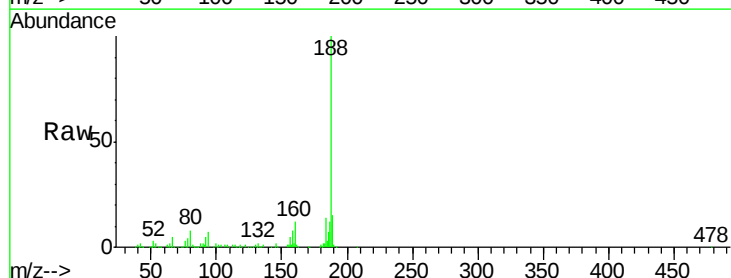


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

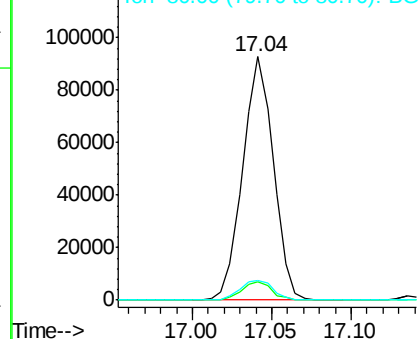
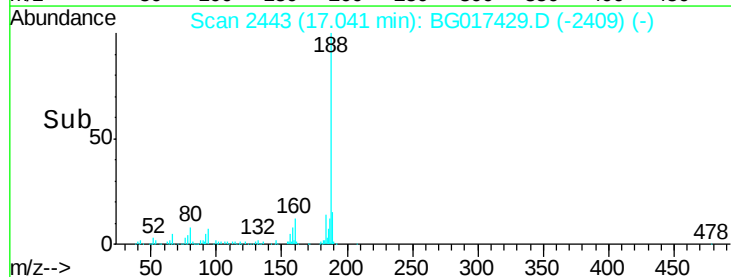


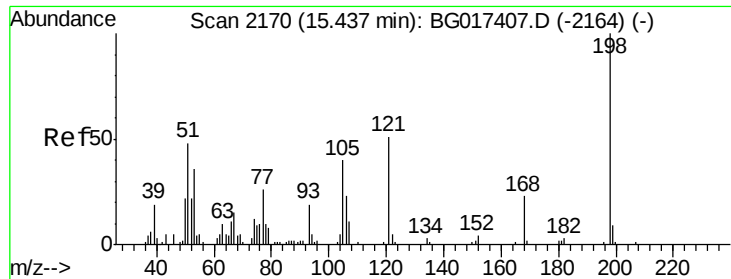
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.04 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG017429.D
Acq: 4 Jun 2015 5:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	7.5	6.3	9.5
80	8.3	5.2	7.8



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#64

4,6-Dinitro-2-methylphenol

Concen: 40.68 ng

RT: 15.44 min Scan# 2170

Delta R.T. 0.01 min

Lab File: BG017429.D

Acq: 4 Jun 2015 5:42

Instrument :

BNA_G

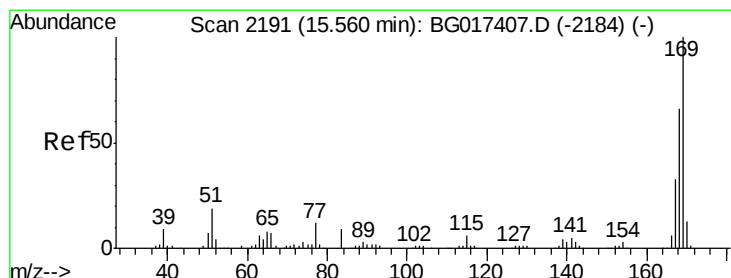
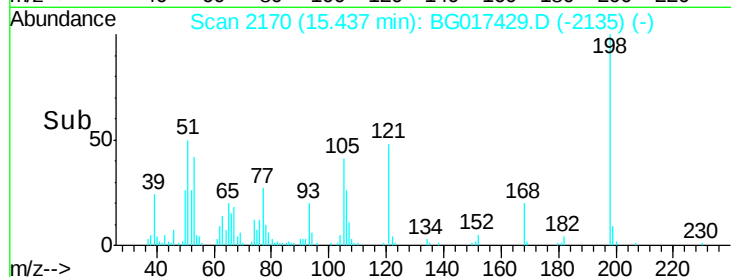
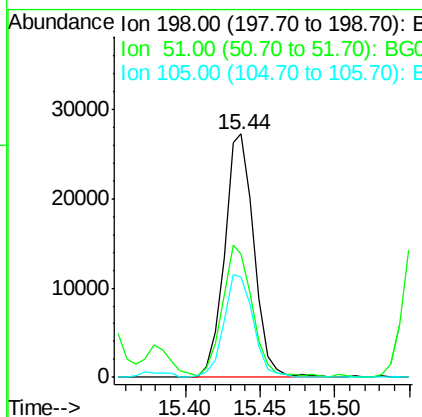
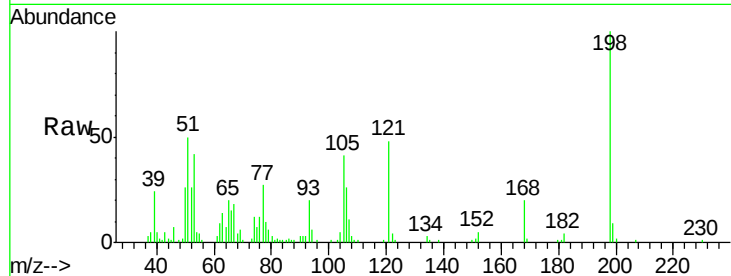
ClientSampleId :

PENRD8.1(4)MS

Tgt Ion:	198	Resp:	37544
Ion Ratio	Lower	Upper	
198	100		
51	50.4	30.3	70.3
105	40.9	20.8	60.8

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#65

n-Nitrosodiphenylamine

Concen: 44.89 ng

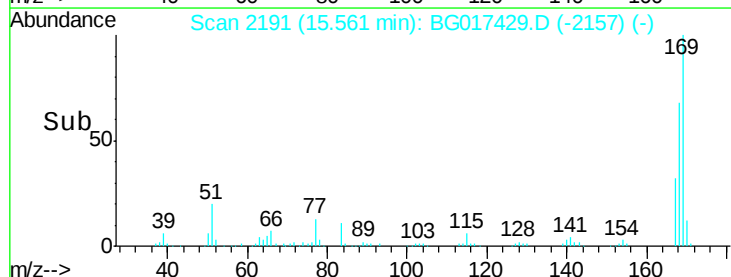
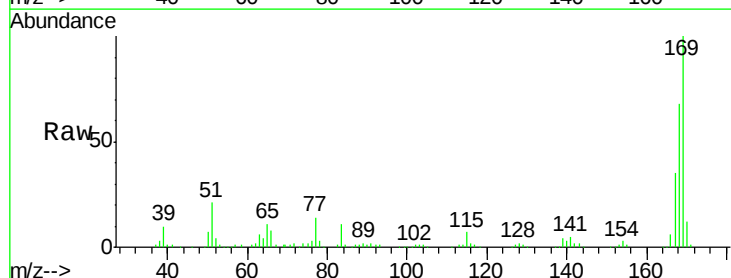
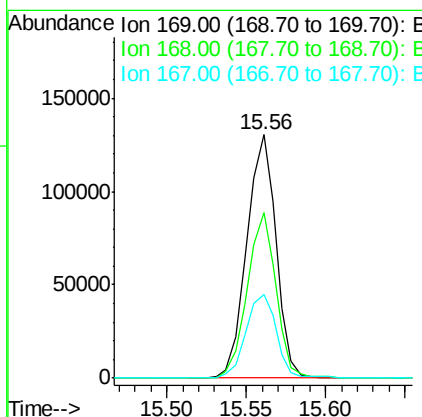
RT: 15.56 min Scan# 2191

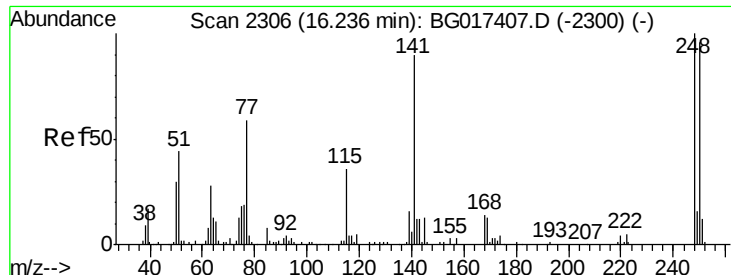
Delta R.T. -0.00 min

Lab File: BG017429.D

Acq: 4 Jun 2015 5:42

Tgt Ion:	169	Resp:	166652
Ion Ratio	Lower	Upper	
169	100		
168	67.8	52.4	78.6
167	34.6	26.3	39.5





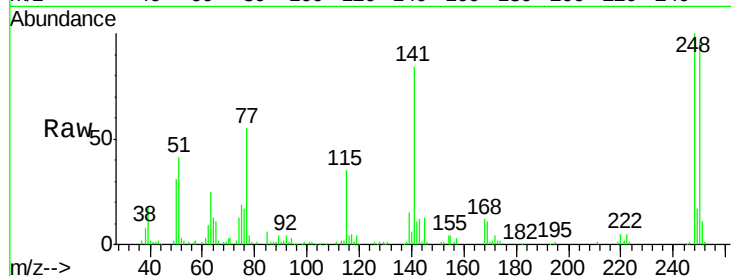
#66
4-Bromophenyl-phenylether
Concen: 46.12 ng
RT: 16.24 min Scan# 2306
Delta R.T. -0.00 min
Lab File: BG017429.D
Acq: 4 Jun 2015 5:42

Instrument :
BNA_G
ClientSampleId :
PENRD8.1(4)MS

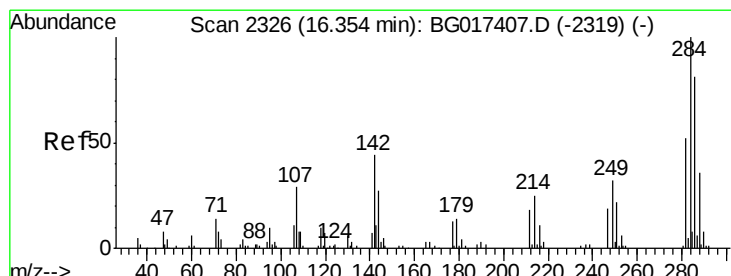
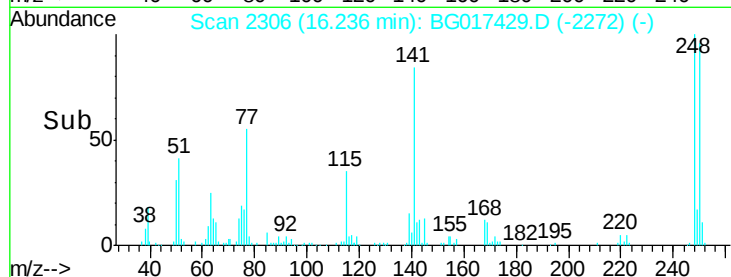
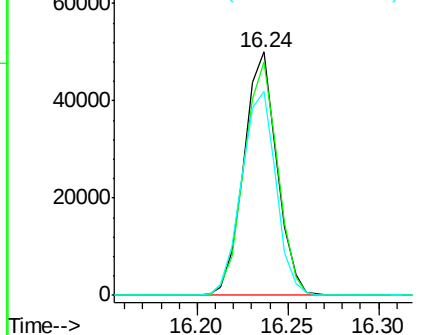
Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.6	76.9	115.3
141	83.8	71.8	107.6

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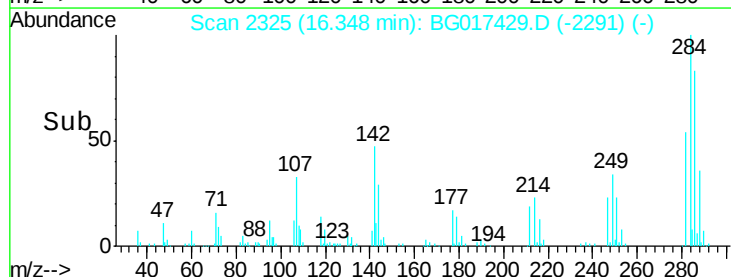
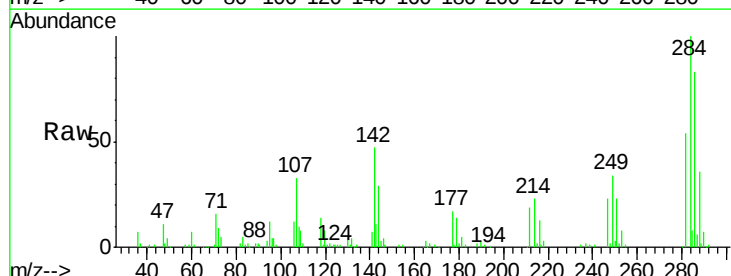
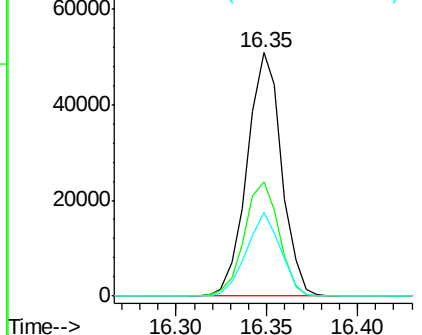
Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

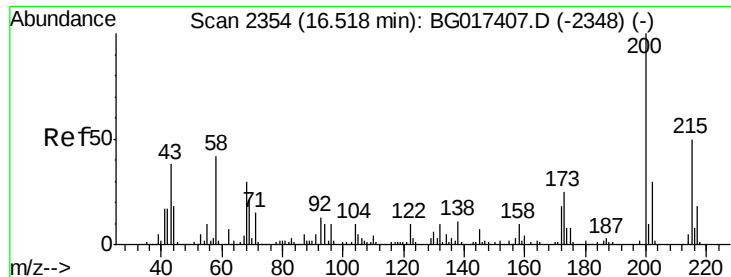


#67
Hexachlorobenzene
Concen: 45.22 ng
RT: 16.35 min Scan# 2325
Delta R.T. -0.00 min
Lab File: BG017429.D
Acq: 4 Jun 2015 5:42

Tgt Ion	Ratio	Lower	Upper
284	100		
142	46.8	35.2	52.8
249	34.3	25.9	38.9

Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#68

Atrazine

Concen: 45.91 ng

RT: 16.52 min Scan# 2354

Delta R.T. -0.00 min

Lab File: BG017429.D

Acq: 4 Jun 2015 5:42

Instrument :

BNA_G

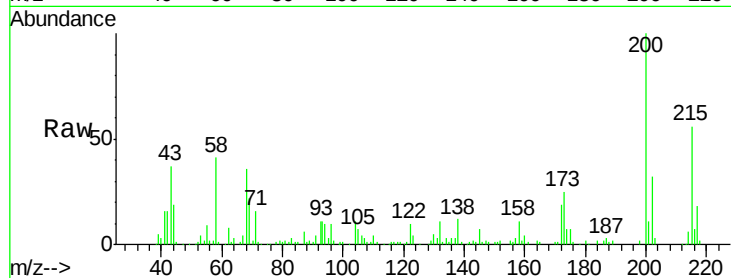
ClientSampleId :

PENRD8.1(4)MS

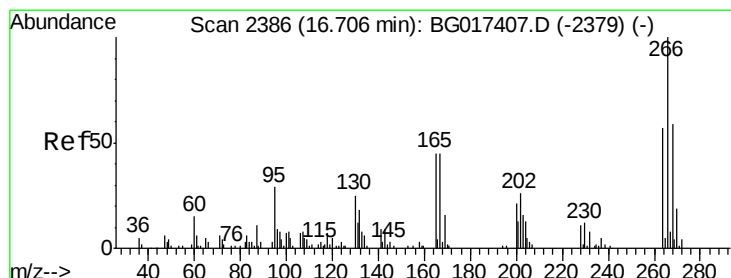
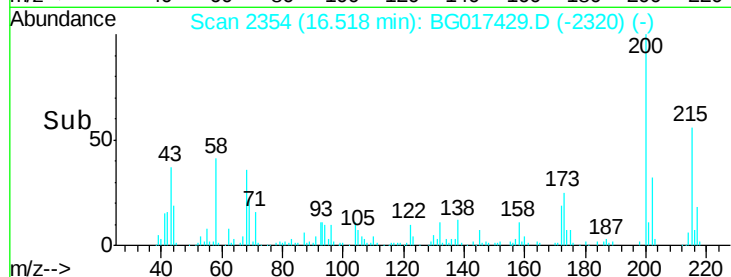
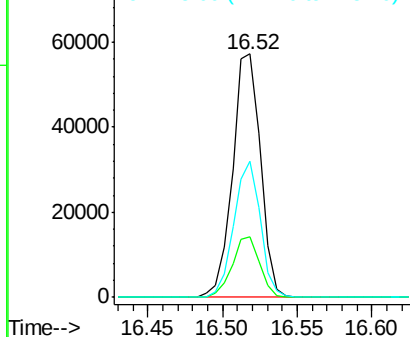
Tgt Ion:	200	Resp:	75017
Ion Ratio	Lower	Upper	
200	100		
173	24.8	4.9	44.9
215	55.8	30.1	70.1

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Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E



#69

Pentachlorophenol

Concen: 82.01 ng

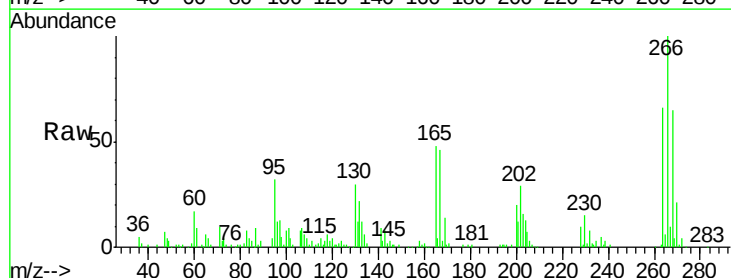
RT: 16.70 min Scan# 2385

Delta R.T. -0.00 min

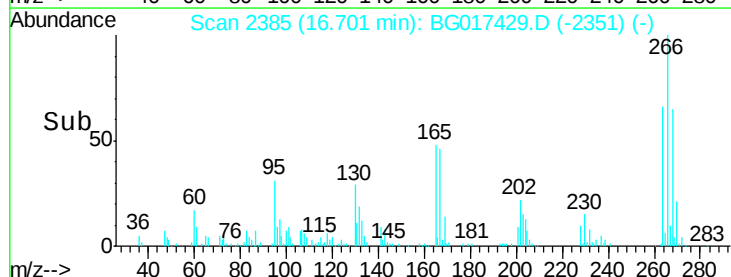
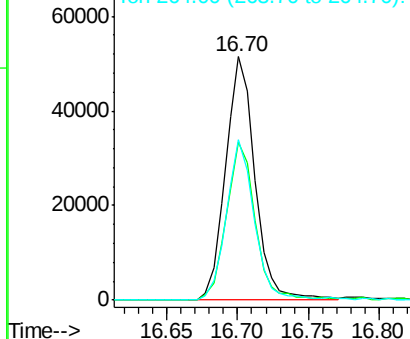
Lab File: BG017429.D

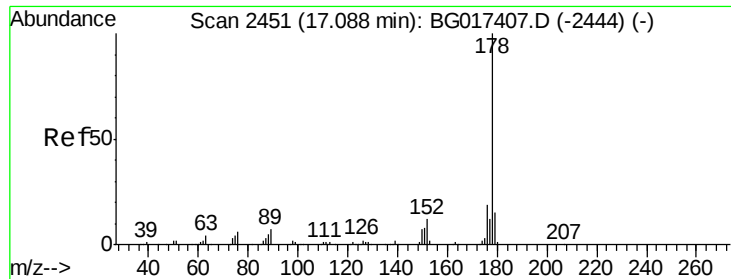
Acq: 4 Jun 2015 5:42

Tgt Ion:	266	Resp:	74496
Ion Ratio	Lower	Upper	
266	100		
268	64.8	47.0	70.6
264	65.8	45.7	68.5



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





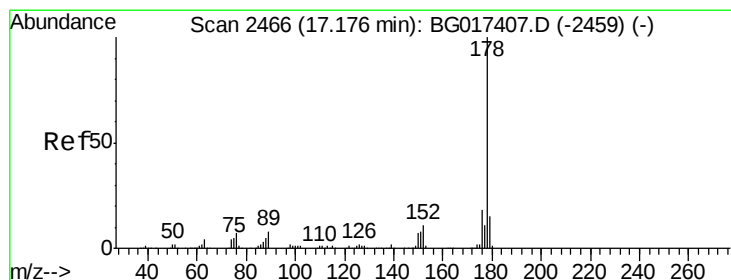
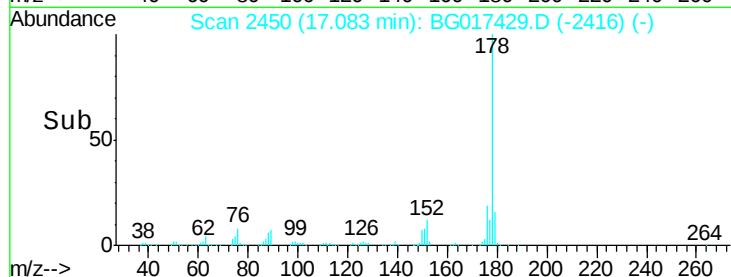
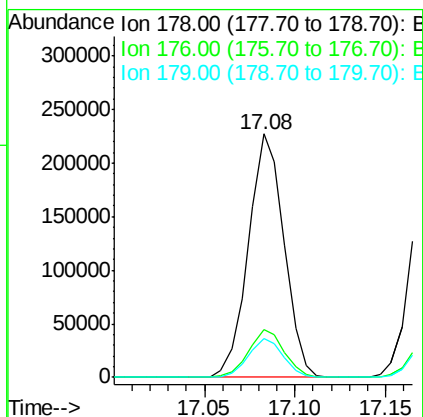
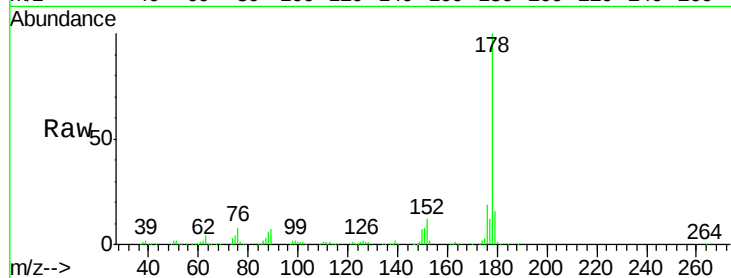
#70
Phenanthrene
Concen: 44.65 ng
RT: 17.08 min Scan# 2450
Delta R.T. -0.00 min
Lab File: BG017429.D
Acq: 4 Jun 2015 5:42

Instrument :
BNA_G
ClientSampleId :
PENRD8.1(4)MS

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	309895		
176	19.5	15.6	23.4	
179	15.8	12.2	18.2	

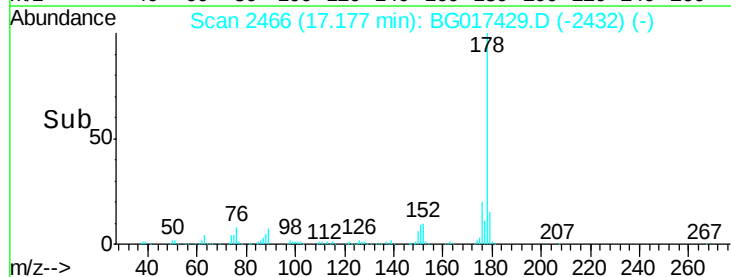
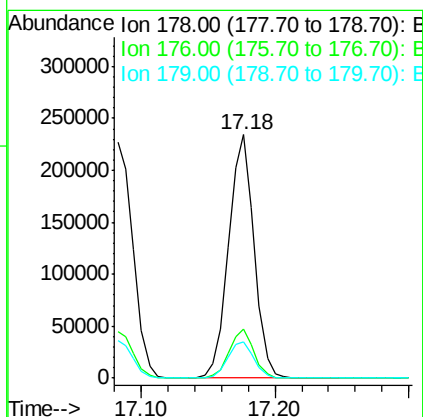
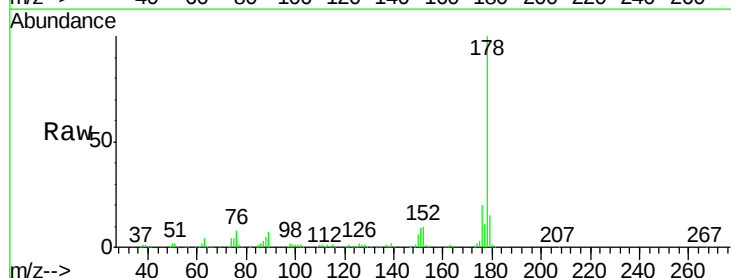
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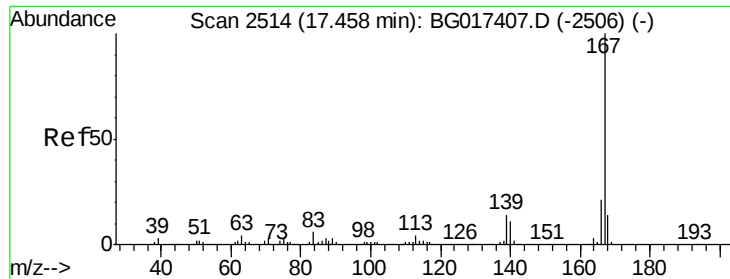
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#71
Anthracene
Concen: 44.94 ng
RT: 17.18 min Scan# 2466
Delta R.T. -0.00 min
Lab File: BG017429.D
Acq: 4 Jun 2015 5:42

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	311632		
176	20.0	14.2	21.2	
179	14.9	12.2	18.4	





#72

Carbazole

Concen: 44.58 ng

RT: 17.45 min Scan# 2513

Delta R.T. -0.00 min

Lab File: BG017429.D

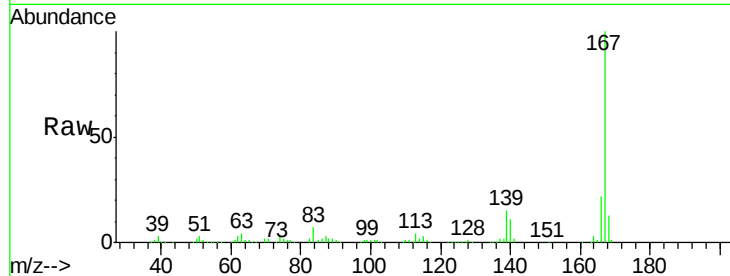
Acq: 4 Jun 2015 5:42

Instrument :

BNA_G

ClientSampleId :

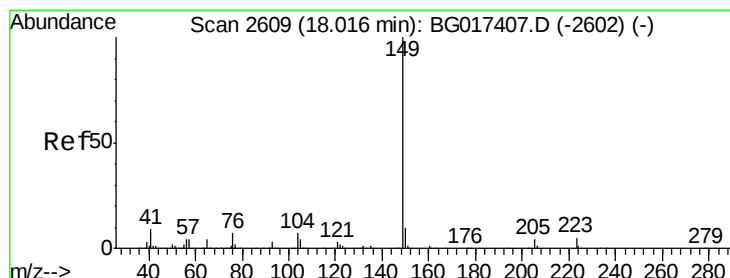
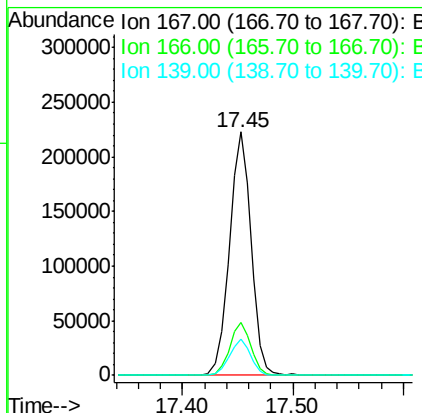
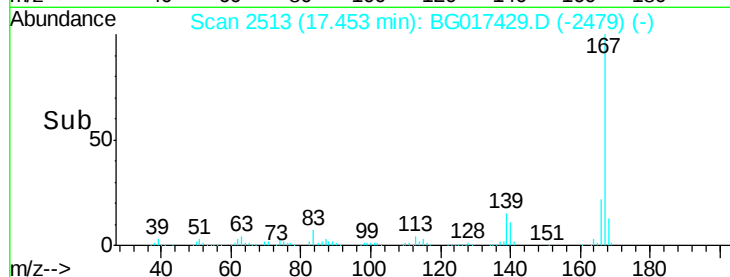
PENRD8.1(4)MS



Tgt Ion	Ratio	Resp	Lower	Upper
167	100			
166	21.7	17.0	25.4	
139	15.0	11.3	16.9	

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#73

Di-n-butylphthalate

Concen: 45.77 ng

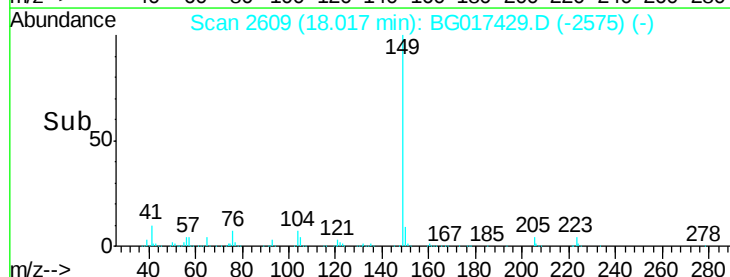
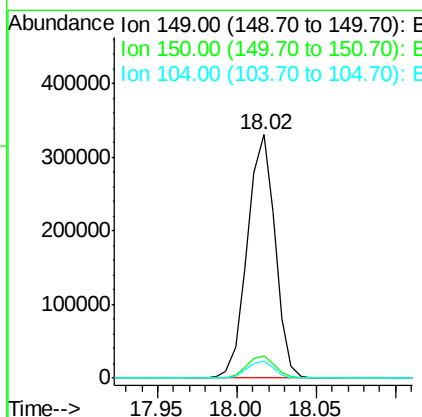
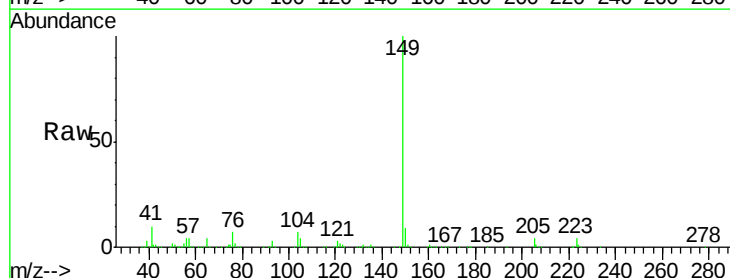
RT: 18.02 min Scan# 2609

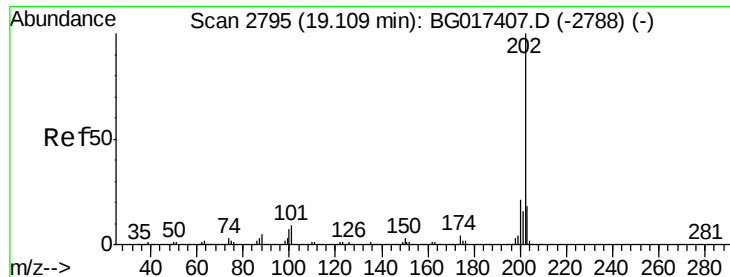
Delta R.T. -0.00 min

Lab File: BG017429.D

Acq: 4 Jun 2015 5:42

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
150	8.9	7.6	11.4	
104	7.2	5.4	8.2	





#74

Fluoranthene

Concen: 45.40 ng

RT: 19.11 min Scan# 2795

Delta R.T. -0.00 min

Lab File: BG017429.D

Acq: 4 Jun 2015 5:42

Instrument :

BNA_G

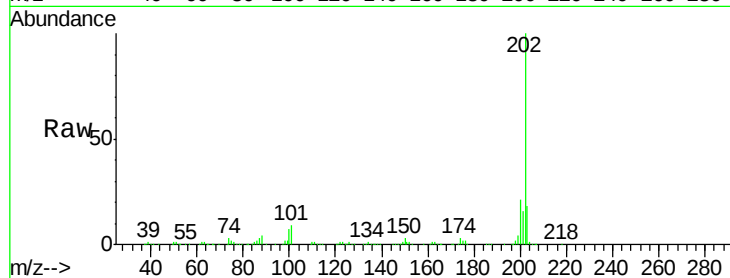
ClientSampleId :

PENRD8.1(4)MS

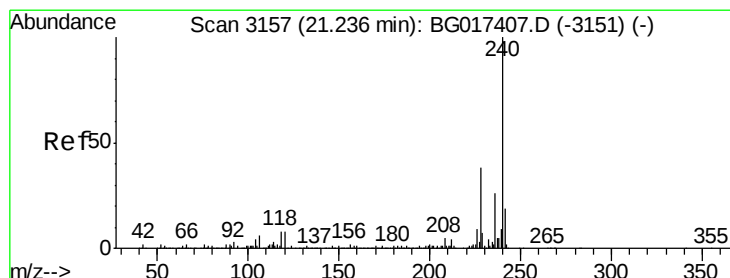
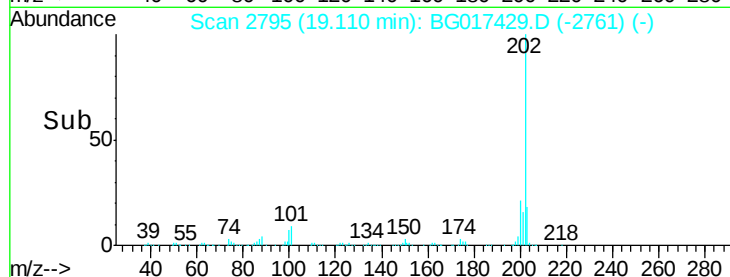
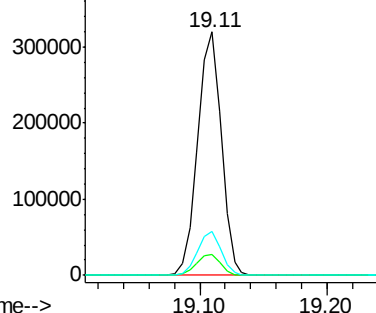
Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		412086		
101	8.7	0.0	28.8		
203	18.2	0.0	37.6		

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

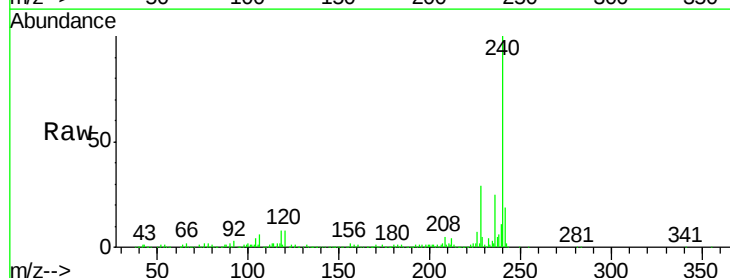
RT: 21.24 min Scan# 3157

Delta R.T. -0.00 min

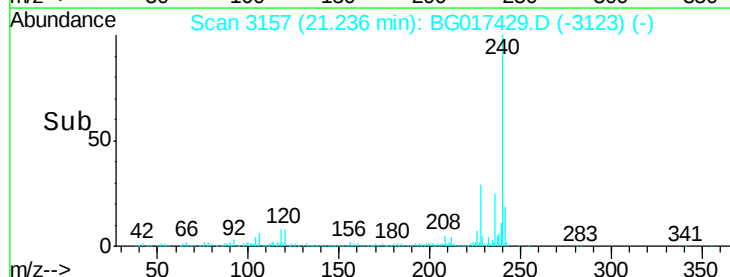
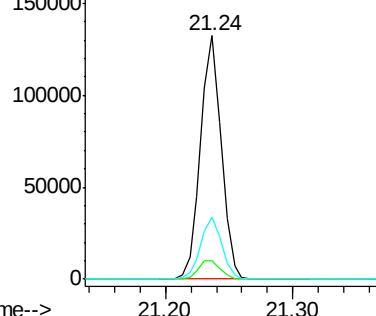
Lab File: BG017429.D

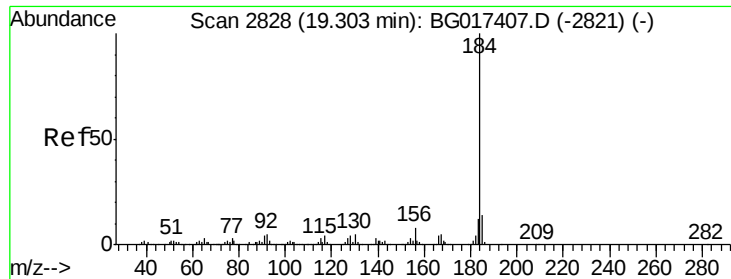
Acq: 4 Jun 2015 5:42

Tgt	Ion	Ratio	Resp	Lower	Upper
240	100		149397		
120	7.6	6.5	9.7		
236	25.4	20.8	31.2		



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





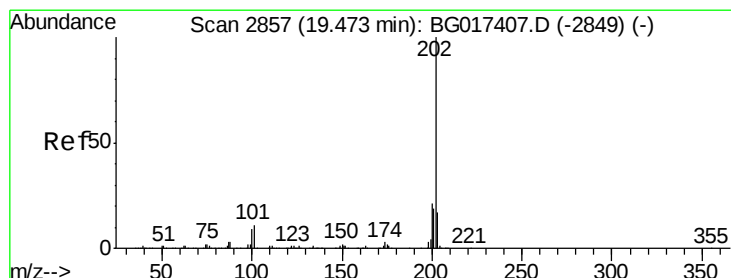
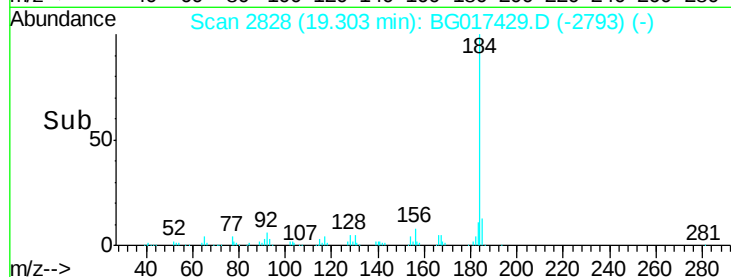
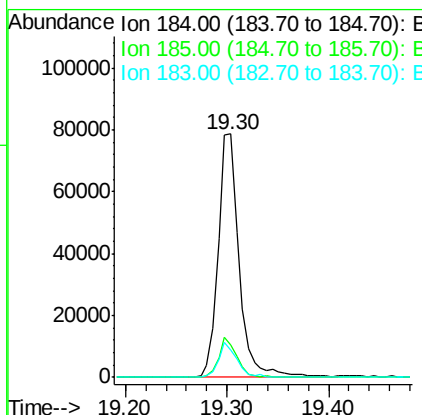
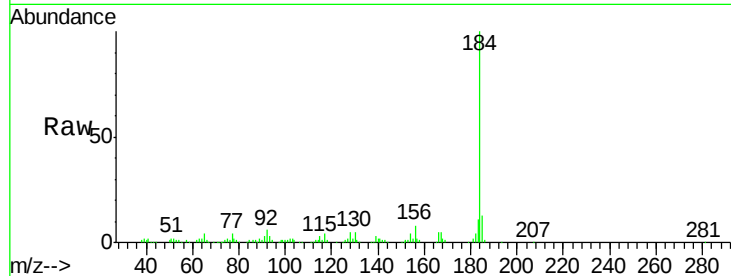
#76
Benzidine
Concen: 22.07 ng
RT: 19.30 min Scan# 2828
Delta R.T. 0.01 min
Lab File: BG017429.D
Acq: 4 Jun 2015 5:42

Instrument :
BNA_G
ClientSampleId :
PENRD8.1(4)MS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
185	13.3	11.0	16.6	
183	11.4	9.8	14.8	

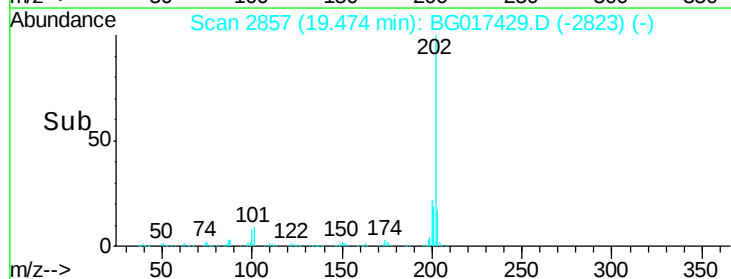
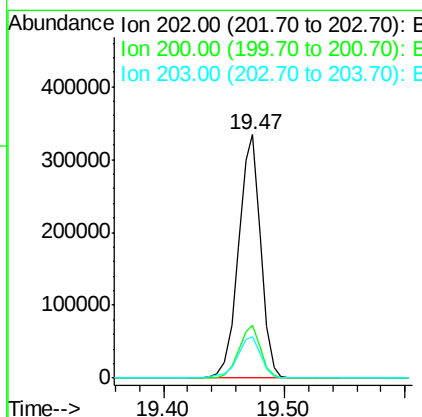
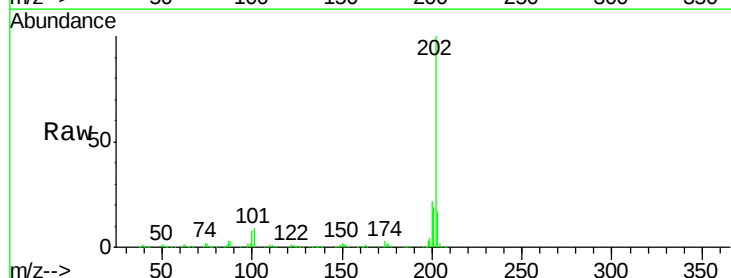
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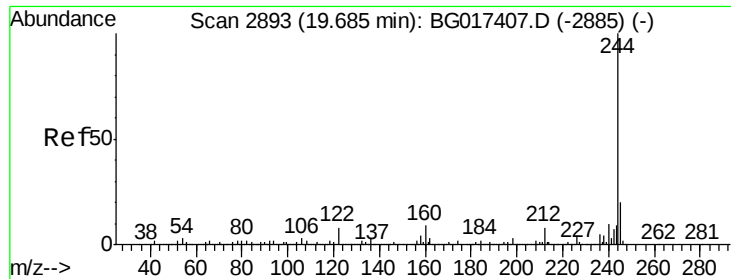
apatel
6/5/2015 8:12:39 AM



#77
Pyrene
Concen: 46.19 ng
RT: 19.47 min Scan# 2857
Delta R.T. -0.00 min
Lab File: BG017429.D
Acq: 4 Jun 2015 5:42

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.6	17.0	25.4	
203	16.8	13.9	20.9	





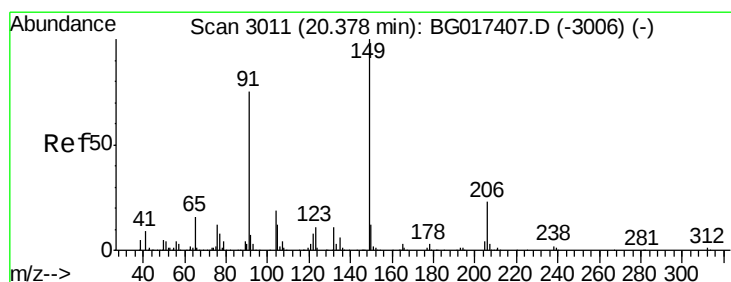
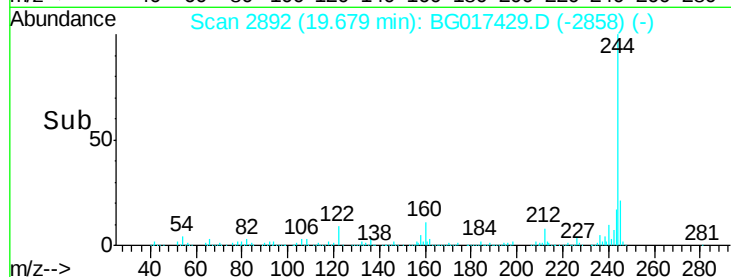
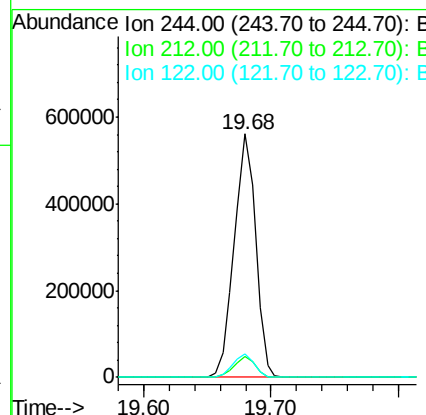
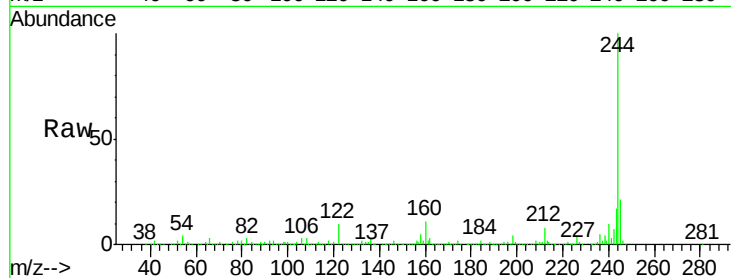
#78
 Terphenyl-d14
 Concen: 90.43 ng
 RT: 19.68 min Scan# 2892
 Delta R.T. -0.00 min
 Lab File: BG017429.D
 Acq: 4 Jun 2015 5:42

Instrument :
 BNA_G
 ClientSampleId :
 PENRD8.1(4)MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	8.4	6.4	9.6
122	9.8	6.6	10.0

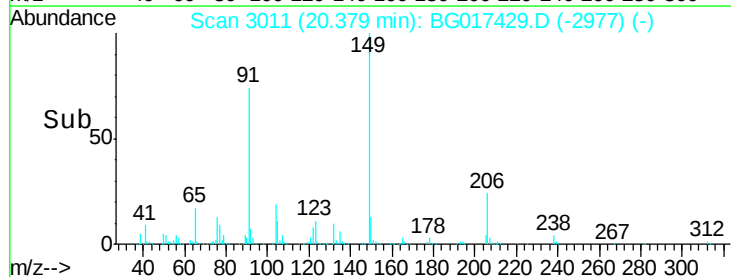
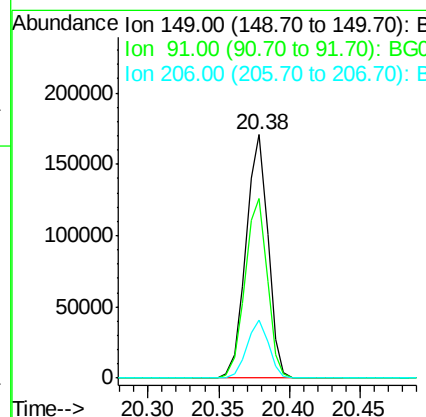
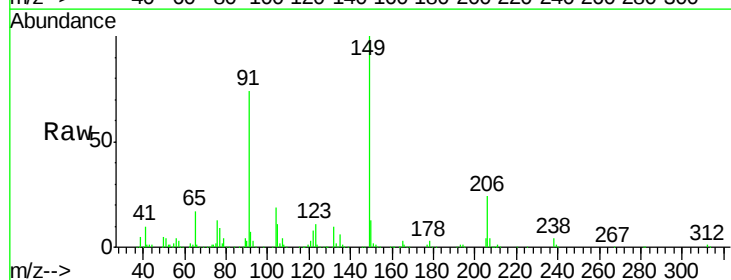
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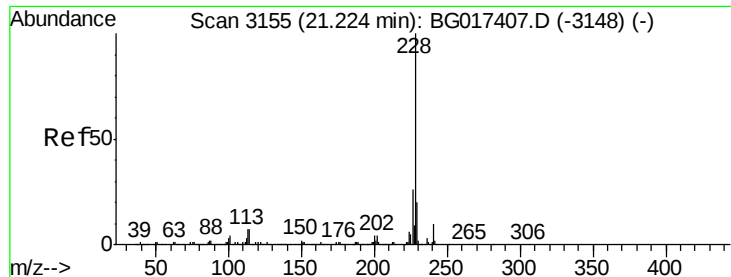
apatel
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#79
 Butylbenzylphthalate
 Concen: 46.96 ng
 RT: 20.38 min Scan# 3011
 Delta R.T. -0.00 min
 Lab File: BG017429.D
 Acq: 4 Jun 2015 5:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	73.8	59.8	89.6
206	23.6	18.2	27.2





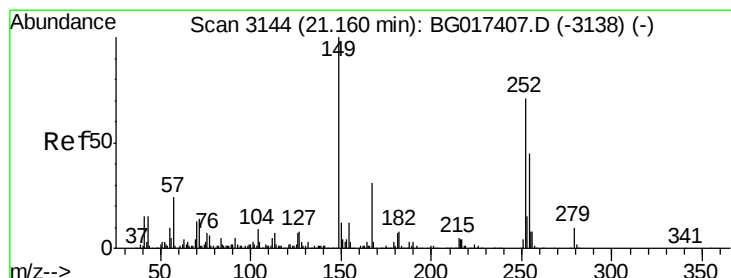
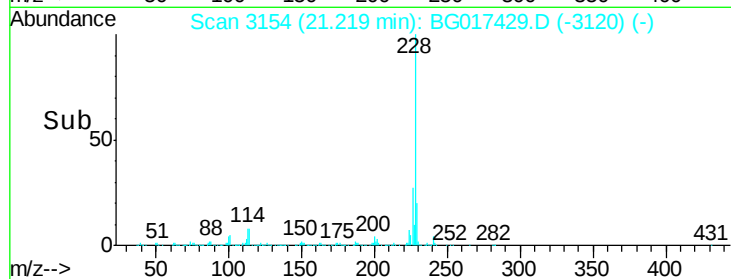
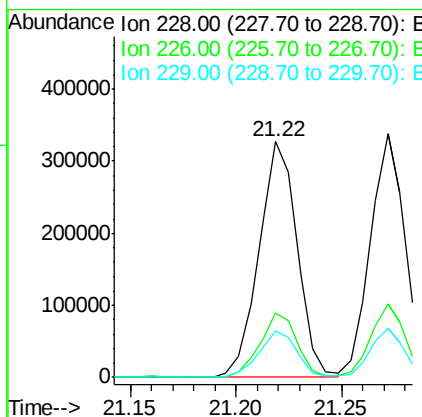
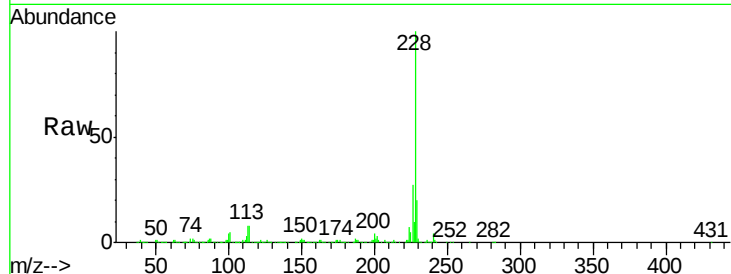
#80
Benzo(a)anthracene
Concen: 44.74 ng
RT: 21.22 min Scan# 3154
Delta R.T. -0.00 min
Lab File: BG017429.D
Acq: 4 Jun 2015 5:42

Instrument :
BNA_G
ClientSampleId :
PENRD8.1(4)MS

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.0	31.6
229	19.6	15.7	23.5

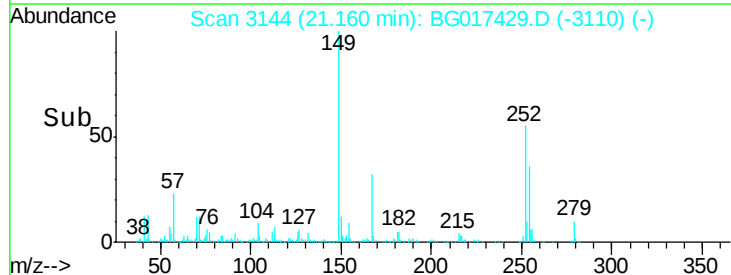
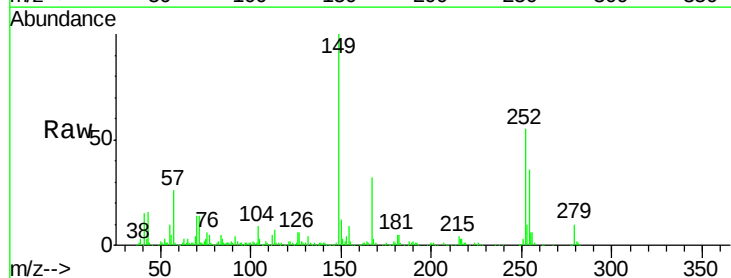
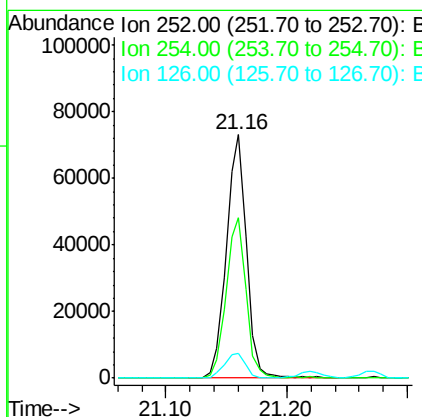
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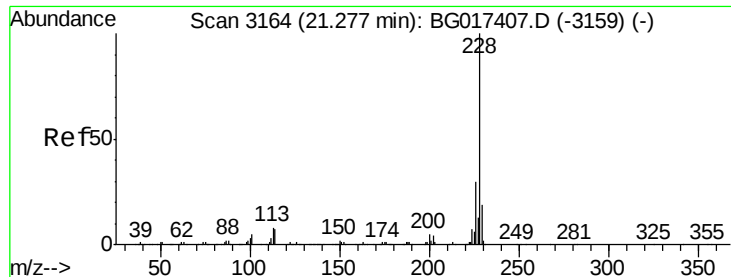
apatel
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#81
3,3'-Dichlorobenzidine
Concen: 24.53 ng
RT: 21.16 min Scan# 3144
Delta R.T. -0.00 min
Lab File: BG017429.D
Acq: 4 Jun 2015 5:42

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.0	51.1	76.7
126	10.1	8.2	12.2





#82

Chrysene

Concen: 46.46 ng

RT: 21.27 min Scan# 3163

Delta R.T. -0.00 min

Lab File: BG017429.D

Acq: 4 Jun 2015 5:42

Instrument :

BNA_G

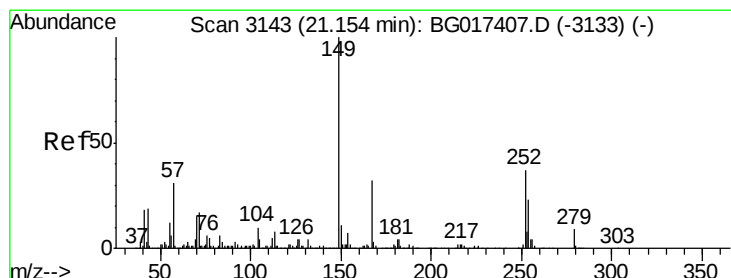
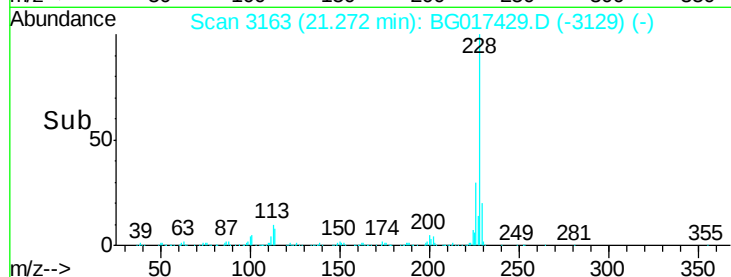
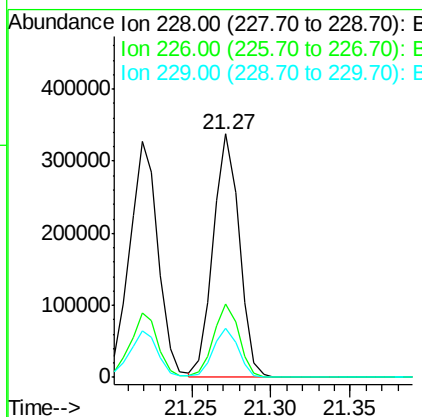
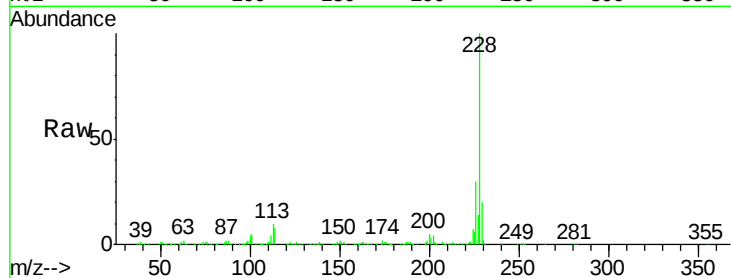
ClientSampleId :

PENRD8.1(4)MS

Tgt Ion:	228	Resp:	386587
Ion Ratio	Lower	Upper	
228	100		
226	30.4	23.7	35.5
229	20.2	15.2	22.8

Manual Integrations
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#83

Bis(2-ethylhexyl)phthalate

Concen: 46.22 ng

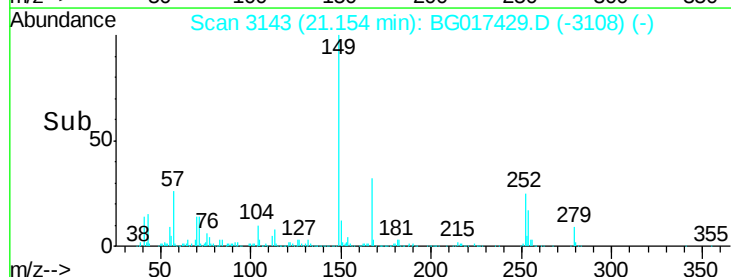
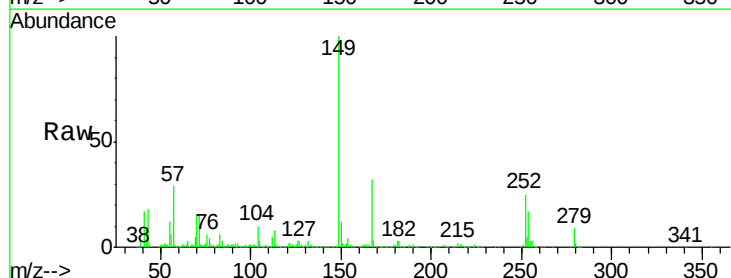
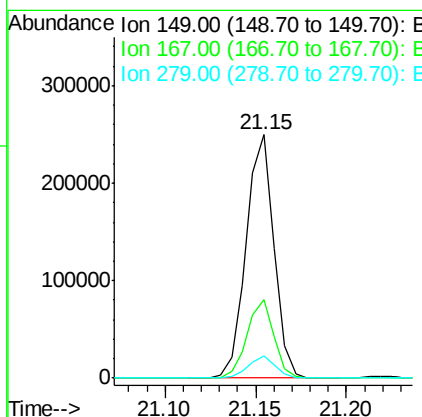
RT: 21.15 min Scan# 3143

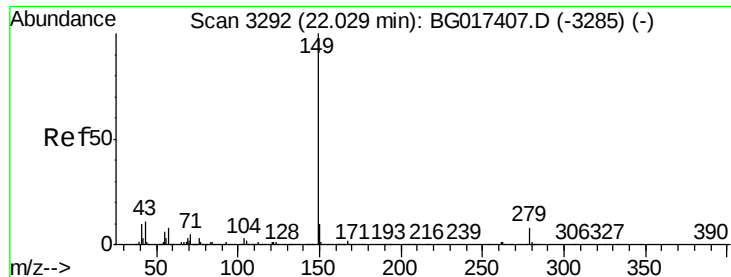
Delta R.T. 0.01 min

Lab File: BG017429.D

Acq: 4 Jun 2015 5:42

Tgt Ion:	149	Resp:	265423
Ion Ratio	Lower	Upper	
149	100		
167	32.2	25.4	38.2
279	8.9	7.1	10.7





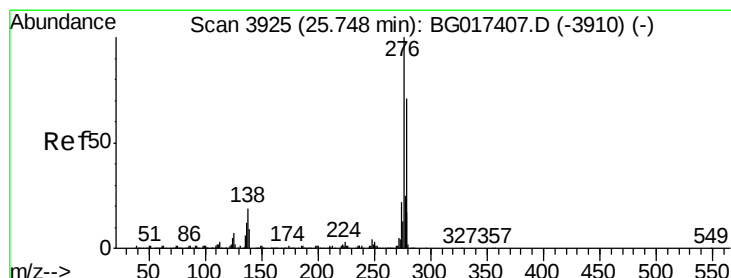
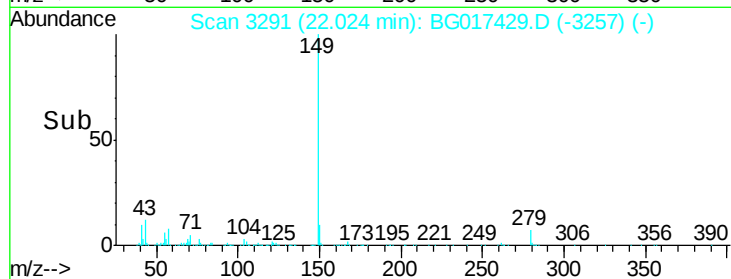
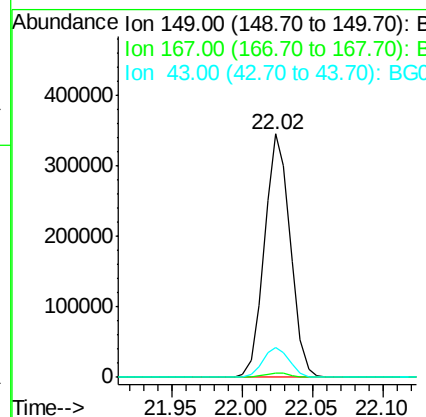
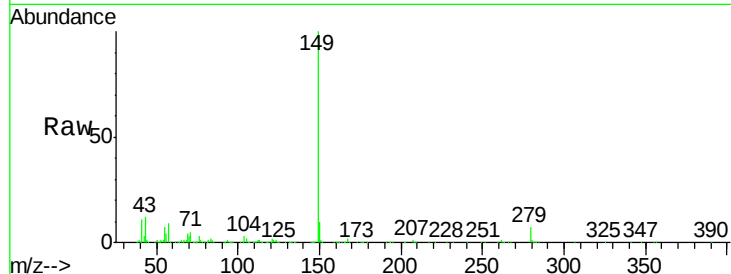
#84
Di-n-octyl phthalate
Concen: 46.24 ng
RT: 22.02 min Scan# 3291
Delta R.T. -0.00 min
Lab File: BG017429.D
Acq: 4 Jun 2015 5:42

Instrument :
BNA_G
ClientSampleId :
PENRD8.1(4)MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.9	1.4	2.2
43	12.2	9.8	14.6

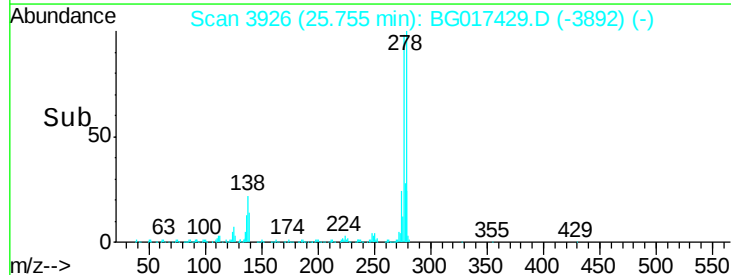
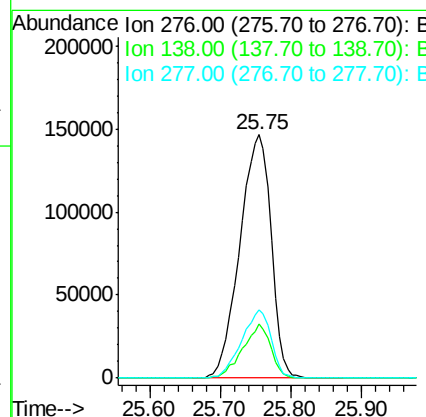
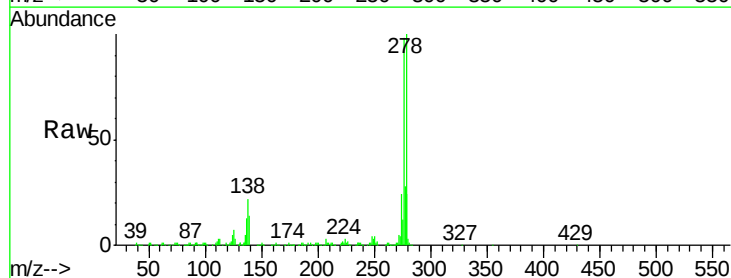
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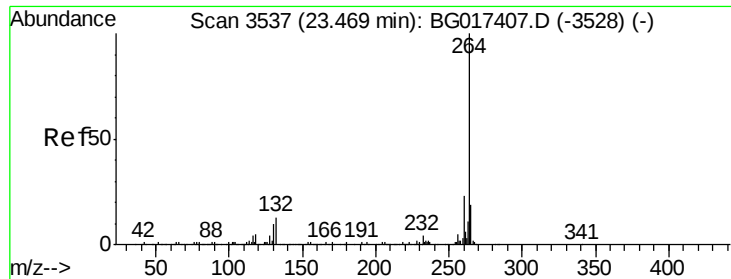
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#85
Indeno(1,2,3-cd)pyrene
Concen: 43.16 ng
RT: 25.75 min Scan# 3926
Delta R.T. -0.00 min
Lab File: BG017429.D
Acq: 4 Jun 2015 5:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	19.9	15.4	23.0
277	26.5	20.5	30.7





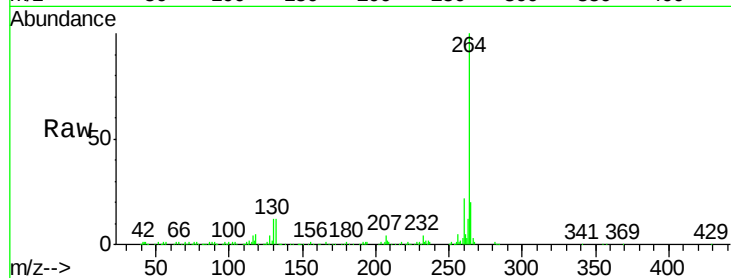
#86
Perylene-d12
Concen: 20.00 ng
RT: 23.47 min Scan# 3537
Delta R.T. -0.00 min
Lab File: BG017429.D
Acq: 4 Jun 2015 5:42

Instrument :
BNA_G
ClientSampleId :
PENRD8.1(4)MS

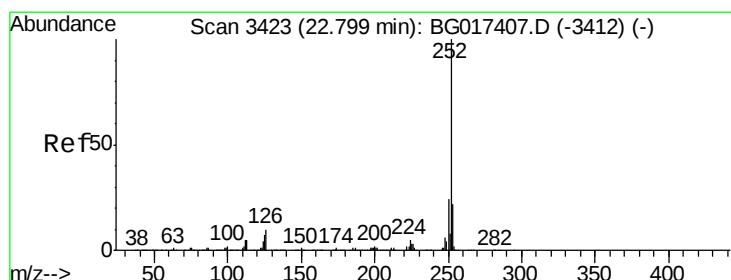
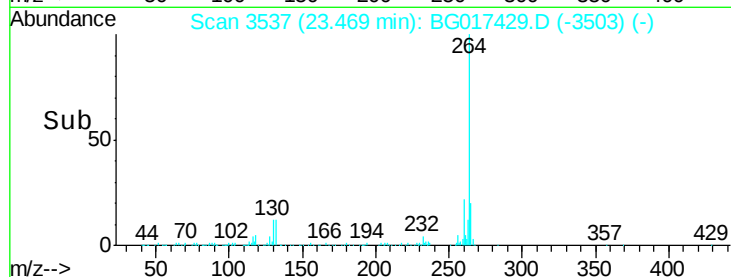
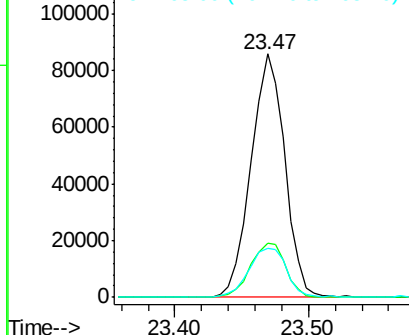
Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	22.1	18.2	27.4
265	20.2	15.8	23.6

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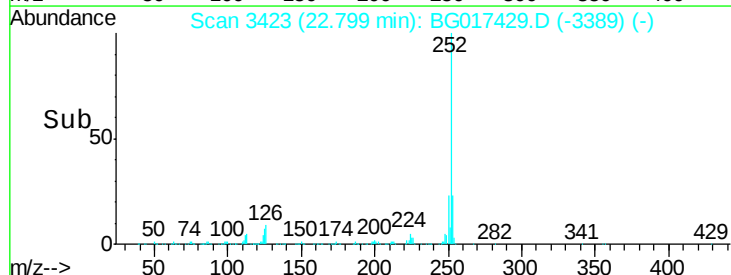
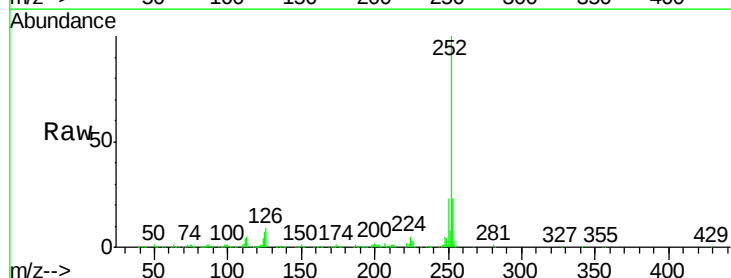
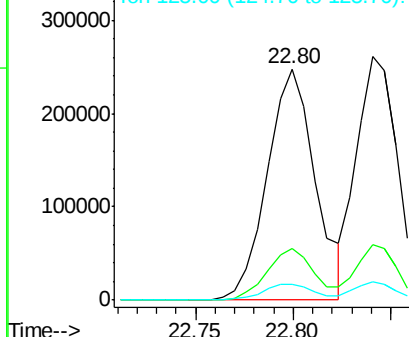
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

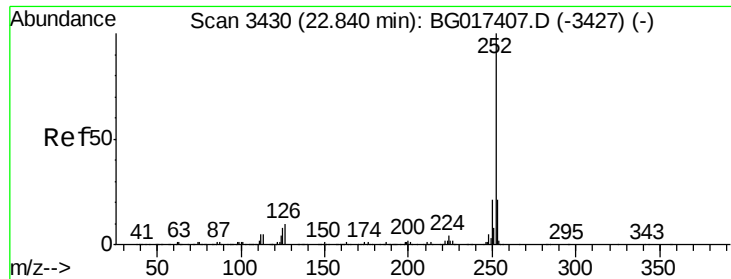


#87
Benzo(b)fluoranthene
Concen: 44.55 ng
RT: 22.80 min Scan# 3423
Delta R.T. -0.00 min
Lab File: BG017429.D
Acq: 4 Jun 2015 5:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.6	17.4	26.2
125	6.9	5.8	8.8

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 41.69 ng

RT: 22.84 min Scan# 3430

Delta R.T. -0.00 min

Lab File: BG017429.D

Acq: 4 Jun 2015 5:42

Instrument :

BNA_G

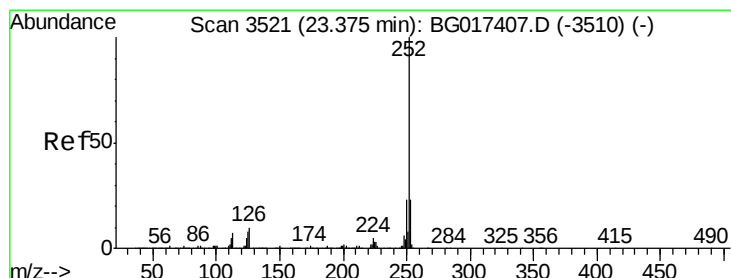
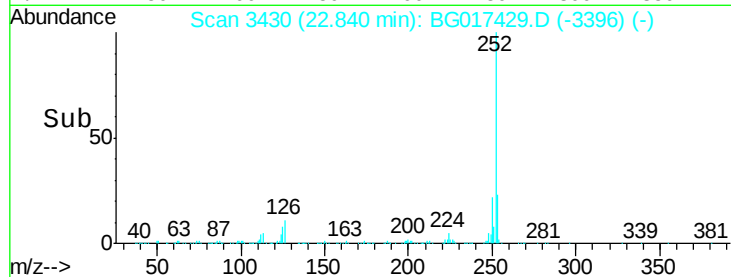
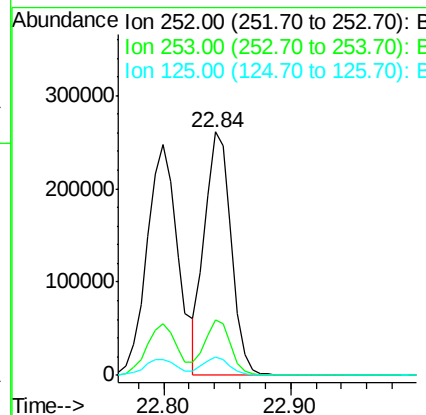
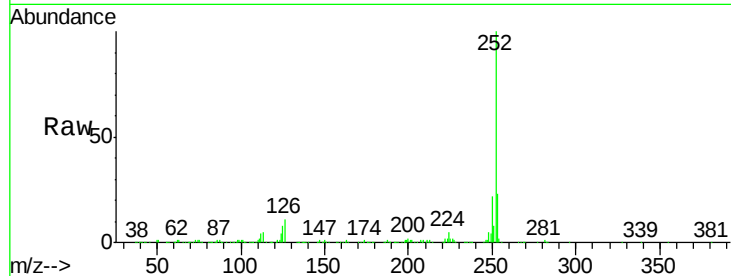
ClientSampleId :

PENRD8.1(4)MS

Tgt	Ion:252	Resp:	378352
Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.7	26.5
125	7.7	6.5	9.7

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#89

Benzo(a)pyrene

Concen: 44.87 ng

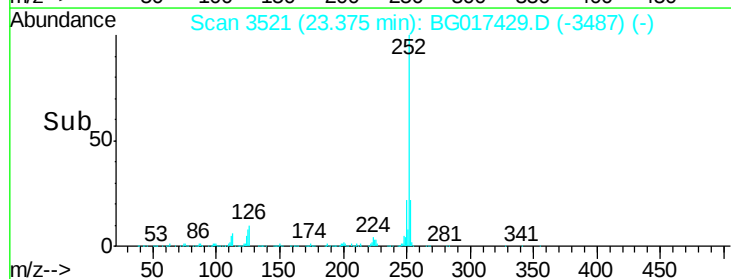
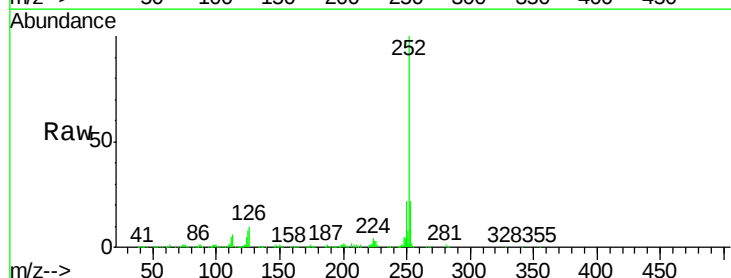
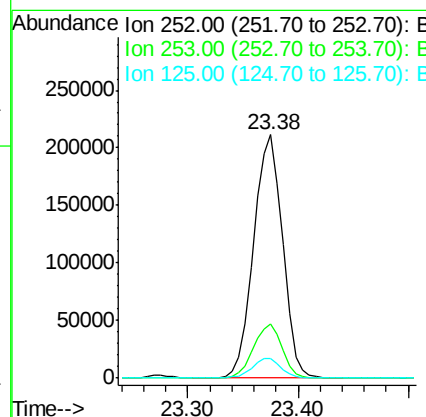
RT: 23.38 min Scan# 3521

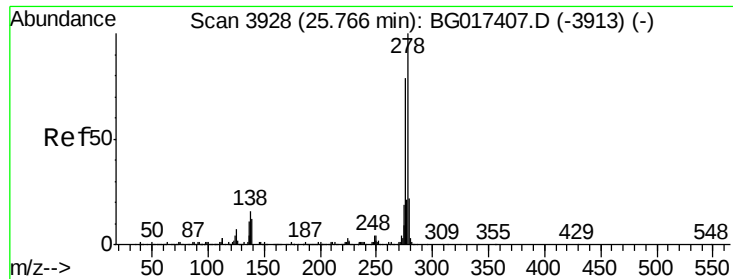
Delta R.T. -0.00 min

Lab File: BG017429.D

Acq: 4 Jun 2015 5:42

Tgt	Ion:252	Resp:	390272
Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	7.9	6.5	9.7





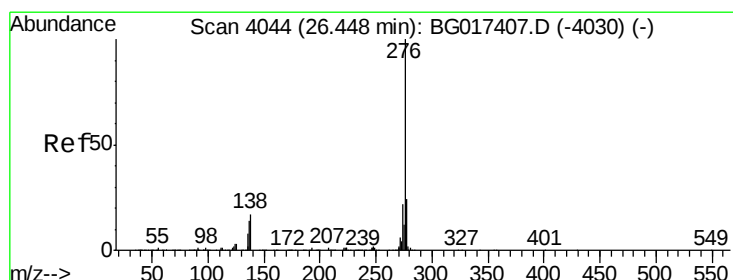
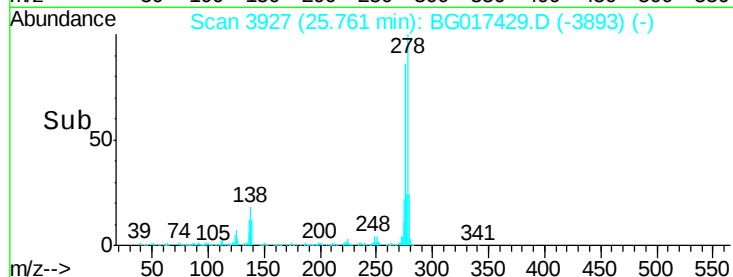
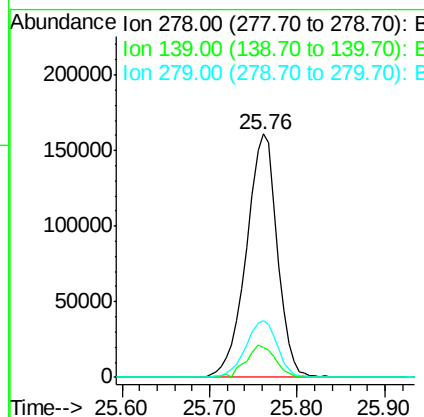
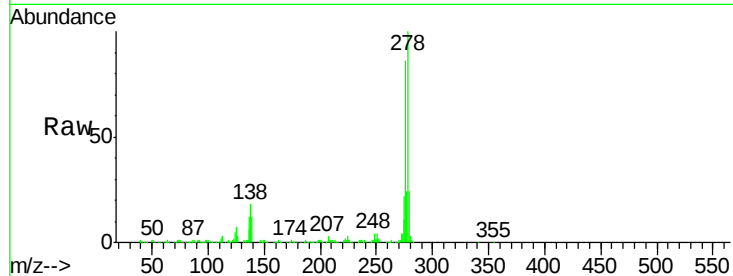
#90
Dibenzo(a,h)anthracene
Concen: 42.64 ng
RT: 25.76 min Scan# 3927
Delta R.T. -0.00 min
Lab File: BG017429.D
Acq: 4 Jun 2015 5:42

Instrument :
BNA_G
ClientSampleId :
PENRD8.1(4)MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	12.1	9.4	14.0
279	23.5	17.8	26.8

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#91
Benzo(g,h,i)perylene
Concen: 43.06 ng
RT: 26.45 min Scan# 4044
Delta R.T. -0.00 min
Lab File: BG017429.D
Acq: 4 Jun 2015 5:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	22.7	19.2	28.8
138	16.5	13.5	20.3

