

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060315\
 Data File : BG017430.D
 Acq On : 4 Jun 2015 6:17
 Operator : TP/IZ
 Sample : G2420-02MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

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

Manual Integrations
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 6/5/2015 8:12:44 AM

Quant Time: Jun 04 07:09:41 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	7.63	152	17231	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	71142	20.00	ng	0.00
38) Acenaphthene-d10	14.29	164	49204	20.00	ng	0.00
63) Phenanthrene-d10	17.04	188	120222	20.00	ng	0.00
75) Chrysene-d12	21.23	240	152955	20.00	ng	0.00
86) Perylene-d12	23.47	264	144957	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.22	112	97040	99.22	ng	0.00
7) Phenol-d6	6.83	99	130779	98.15	ng	0.00
23) Nitrobenzene-d5	8.79	82	93488	65.60	ng	0.00
41) 2,4,6-Tribromophenol	15.79	330	64854	94.90	ng	0.00
44) 2-Fluorobiphenyl	12.91	172	207318	63.56	ng	0.00
78) Terphenyl-d14	19.68	244	440633	59.54	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.08	88	9337	21.21	ng	# 84
3) Pyridine	3.48	79	22752	19.35	ng	91
4) n-Nitrosodimethylamine	3.40	42	23657	30.70	ng	# 87
6) Aniline	6.96	93	37475	20.95	ng	96
8) 2-Chlorophenol	7.20	128	35625	30.80	ng	98
9) Benzaldehyde	6.77	77	4262	4.71	ng	91
10) Phenol	6.86	94	45784	33.45	ng	93
11) bis(2-Chloroethyl)ether	7.06	93	34586	33.17	ng	99
12) 1,3-Dichlorobenzene	7.51	146	37415	28.94	ng	93
13) 1,4-Dichlorobenzene	7.66	146	37064	27.36	ng	97
14) 1,2-Dichlorobenzene	7.97	146	35980	28.37	ng	91
15) Benzyl Alcohol	7.87	79	37518	30.24	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.17	45	51703	29.42	ng	97
17) 2-Methylphenol	8.10	107	33227	32.00	ng	92
18) Hexachloroethane	8.70	117	15514	28.70	ng	89
19) n-Nitroso-di-n-propylamine	8.44	70	32041	28.42	ng	95
20) 3+4-Methylphenols	8.43	107	43855	30.52	ng	94
22) Acetophenone	8.45	105	56085	32.16	ng	# 97
24) Nitrobenzene	8.83	77	47924	32.39	ng	97
25) Isophorone	9.35	82	86075	28.88	ng	96
26) 2-Nitrophenol	9.54	139	21366	31.14	ng	98
27) 2,4-Dimethylphenol	9.62	122	32629	29.25	ng	92
28) bis(2-Chloroethoxy)methane	9.84	93	44141	32.42	ng	98
29) 2,4-Dichlorophenol	10.09	162	36979	34.01	ng	96
30) 1,2,4-Trichlorobenzene	10.29	180	38889	30.42	ng	94
31) Naphthalene	10.47	128	111644	30.04	ng	98
33) 4-Chloroaniline	10.59	127	37302	22.62	ng	# 94
34) Hexachlorobutadiene	10.75	225	25213	30.30	ng	96
35) Caprolactam	11.39	113	11255m	18.81	ng	
36) 4-Chloro-3-methylphenol	11.74	107	44425	31.40	ng	94
37) 2-Methylnaphthalene	12.09	142	90508	31.68	ng	99
39) 1,2,4,5-Tetrachlorobenzene	12.47	216	45570	30.44	ng	96
40) Hexachlorocyclopentadiene	12.44	237	44514	52.90	ng	97
42) 2,4,6-Trichlorophenol	12.72	196	30720	28.65	ng	94

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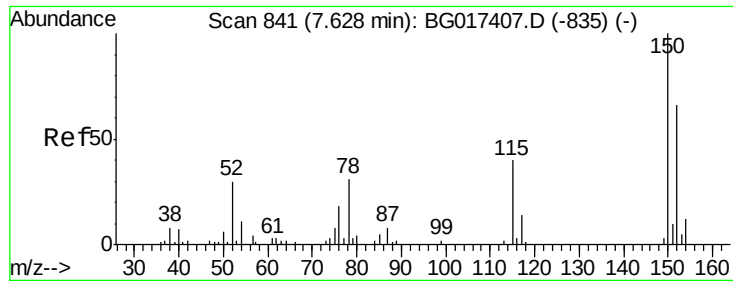
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	12.80	196	33167	28.24	ng	93
45) 1,1'-Biphenyl	13.12	154	113554	31.58	ng	98
46) 2-Chloronaphthalene	13.15	162	90080	29.96	ng	93
47) 2-Nitroaniline	13.38	65	33782	30.42	ng	93
48) Acenaphthylene	14.01	152	153604	29.00	ng	97
49) Dimethylphthalate	13.75	163	144370	33.71	ng	99
50) 2,6-Dinitrotoluene	13.88	165	28727	29.85	ng	93
51) Acenaphthene	14.35	154	91279	29.23	ng	98
52) 3-Nitroaniline	14.21	138	26167	25.11	ng	95
53) 2,4-Dinitrophenol	14.42	184	9578	21.49	ng	98
54) Dibenzofuran	14.69	168	140497	30.50	ng	97
55) 4-Nitrophenol	14.56	139	47221	57.02	ng	98
56) 2,4-Dinitrotoluene	14.67	165	43067	31.42	ng	99
57) Fluorene	15.34	166	125571	30.06	ng	100
58) 2,3,4,6-Tetrachlorophenol	14.93	232	31021	28.96	ng	98
59) Diethylphthalate	15.12	149	135930	29.24	ng	98
60) 4-Chlorophenyl-phenylether	15.34	204	65308	30.85	ng	99
61) 4-Nitroaniline	15.38	138	35185	30.66	ng	95
62) Azobenzene	15.63	77	137664	31.16	ng	98
64) 4,6-Dinitro-2-methylphenol	15.43	198	20456	22.95	ng	99
65) n-Nitrosodiphenylamine	15.56	169	109928	30.66	ng	94
66) 4-Bromophenyl-phenylether	16.23	248	41146	30.92	ng	94
67) Hexachlorobenzene	16.35	284	44224	30.91	ng	99
68) Atrazine	16.52	200	48120	30.49	ng	96
69) Pentachlorophenol	16.70	266	41423	49.55	ng	92
70) Phenanthrene	17.09	178	204448	30.50	ng	98
71) Anthracene	17.17	178	206509	30.84	ng	97
72) Carbazole	17.45	167	204840	30.98	ng	98
73) Di-n-butylphthalate	18.01	149	266260	31.45	ng	99
74) Fluoranthene	19.11	202	278073	31.72	ng	99
76) Benzidine	19.30	184	81093	15.43	ng	98
77) Pyrene	19.47	202	285612	30.31	ng	99
79) Butylbenzylphthalate	20.38	149	125946	30.89	ng	99
80) Benzo(a)anthracene	21.22	228	284217	30.21	ng	99
81) 3,3'-Dichlorobenzidine	21.16	252	76756	21.84	ng	97
82) Chrysene	21.27	228	261153	30.66	ng	99
83) Bis(2-ethylhexyl)phthalate	21.15	149	183289	31.17	ng	96
84) Di-n-octyl phthalate	22.02	149	308697	31.31	ng	100
85) Indeno(1,2,3-cd)pyrene	25.75	276	317990	29.73	ng	99
87) Benzo(b)fluoranthene	22.80	252	282821	30.79	ng	98
88) Benzo(k)fluoranthene	22.84	252	272899	31.04	ng	99
89) Benzo(a)pyrene	23.37	252	268606	31.88	ng	98
90) Dibenzo(a,h)anthracene	25.76	278	267158	30.52	ng	96
91) Benzo(g,h,i)perylene	26.44	276	255266	30.64	ng	97

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



#1

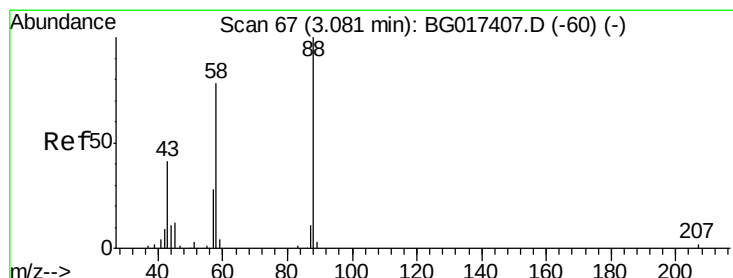
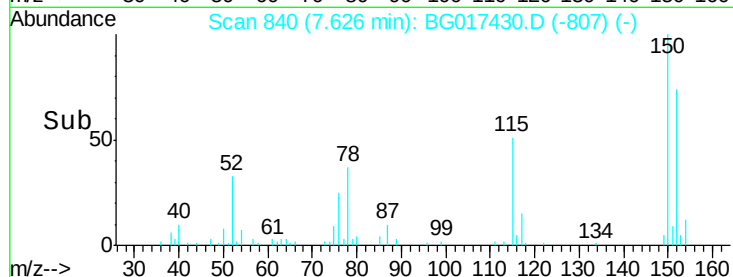
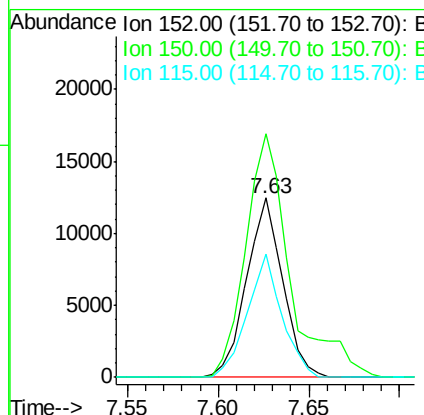
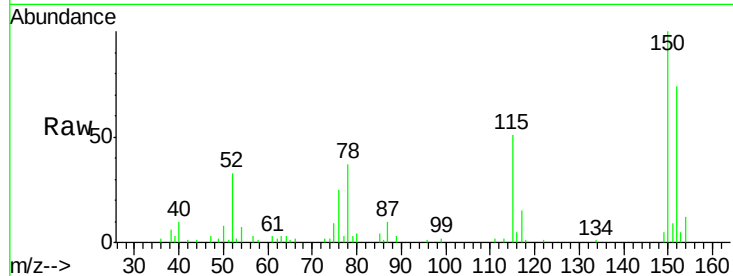
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.63 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG017430.D
Acq: 4 Jun 2015 6:17

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

Tgt Ion	Ratio	Lower	Upper
152	100		
150	135.7	121.7	182.5
115	68.9	48.6	73.0

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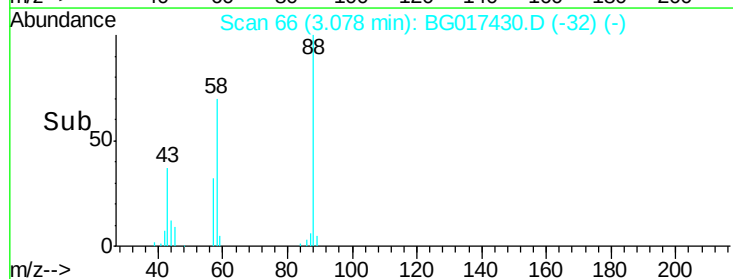
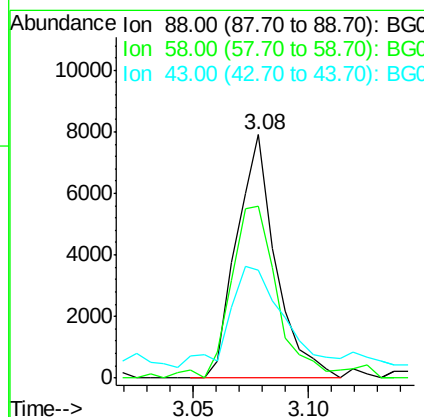
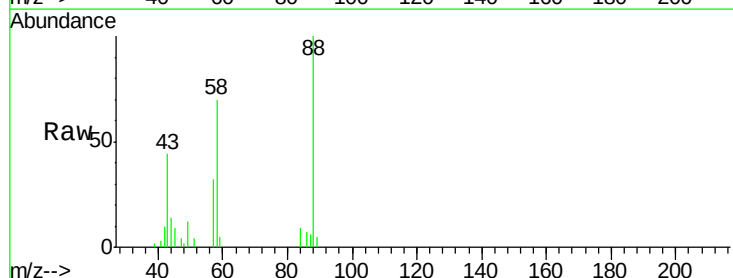
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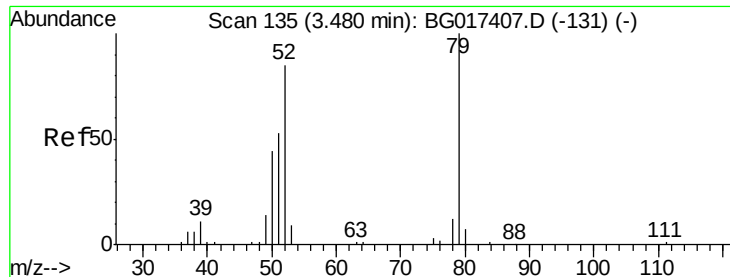


#2

1,4-Dioxane
Concen: 21.21 ng
RT: 3.08 min Scan# 66
Delta R.T. 0.00 min
Lab File: BG017430.D
Acq: 4 Jun 2015 6:17

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.5	59.0	88.6
43	57.1	34.5	51.7





#3

Pyridine

Concen: 19.35 ng

RT: 3.48 min Scan# 134

Delta R.T. 0.00 min

Lab File: BG017430.D

Acq: 4 Jun 2015 6:17

Instrument :

BNA_G

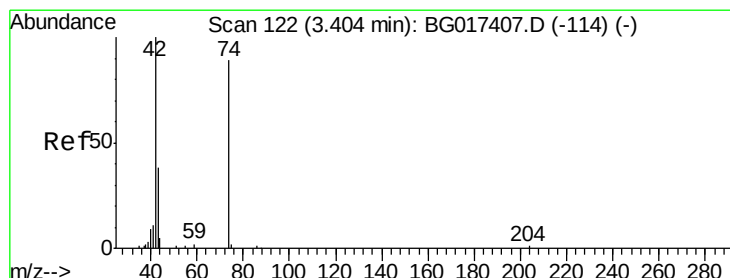
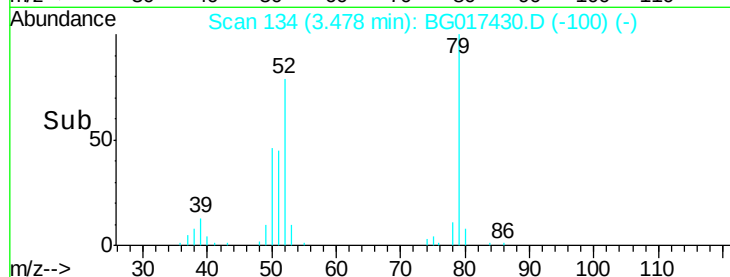
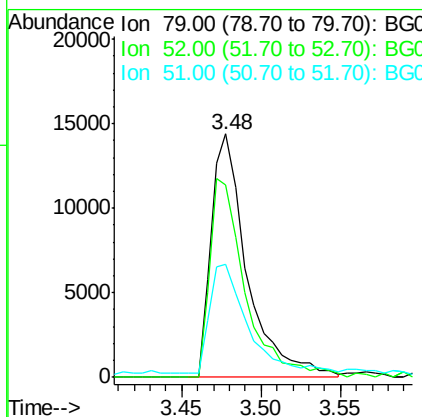
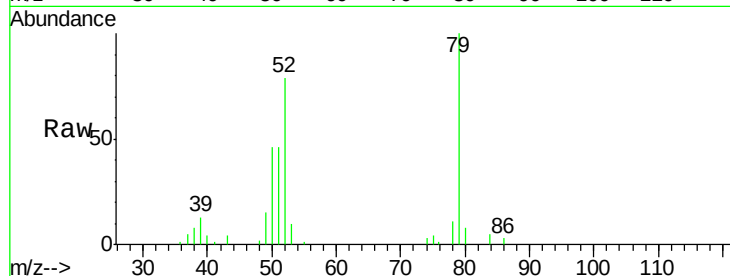
ClientSampleId :

PENRD8.1(4)MSD

Tgt Ion:	79	Resp:	22752
Ion	Ratio	Lower	Upper
79	100		
52	79.2	68.3	102.5
51	46.3	45.0	67.4

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#4

n-Nitrosodimethylamine

Concen: 30.70 ng

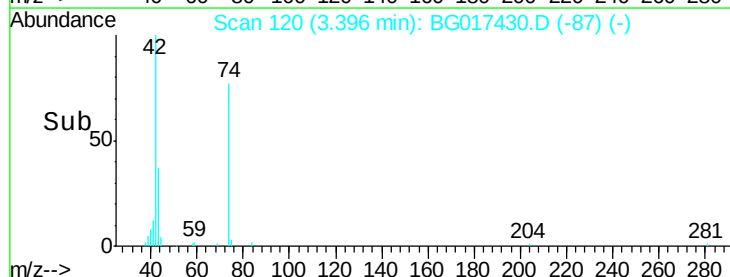
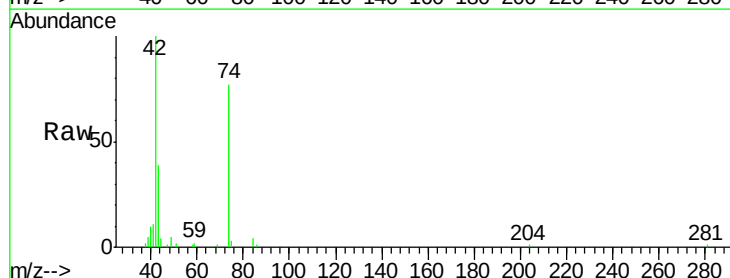
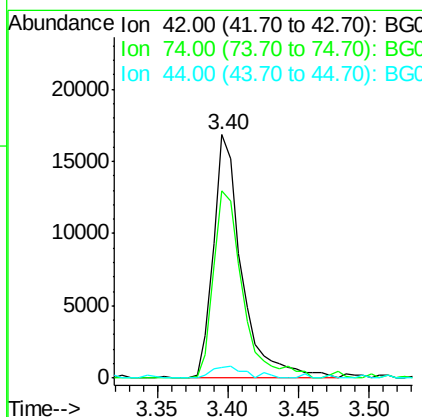
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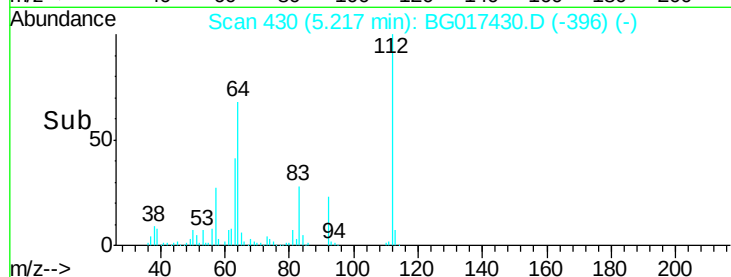
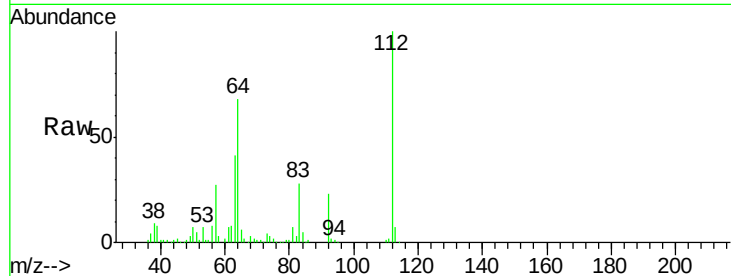
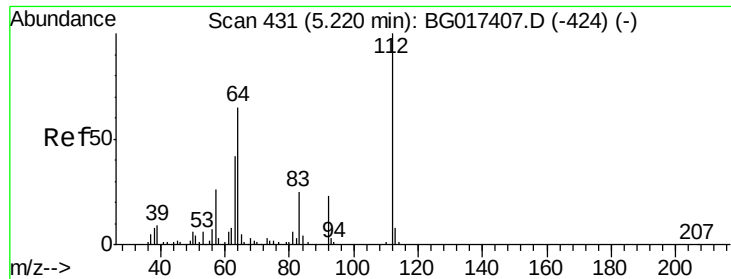
Delta R.T. -0.00 min

Lab File: BG017430.D

Acq: 4 Jun 2015 6:17

Tgt Ion:	42	Resp:	23657
Ion	Ratio	Lower	Upper
42	100		
74	76.7	71.4	107.2
44	4.4	4.5	6.7#





#5

2-Fluorophenol

Concen: 99.22 ng

RT: 5.22 min Scan# 430

Delta R.T. 0.00 min

Lab File: BG017430.D

Acq: 4 Jun 2015 6:17

Tgt Ion:	112	Resp:	97040
Ion Ratio	Lower	Upper	
112	100		
64	67.8	51.6	77.4
63	41.3	33.3	49.9

Instrument :

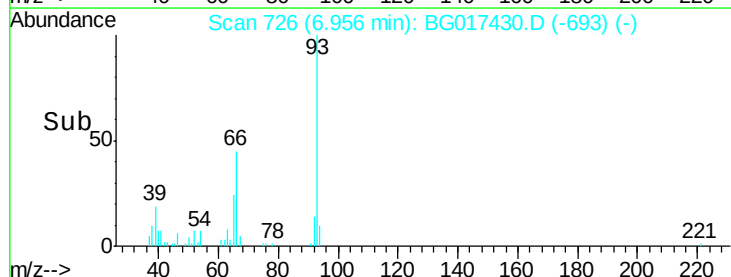
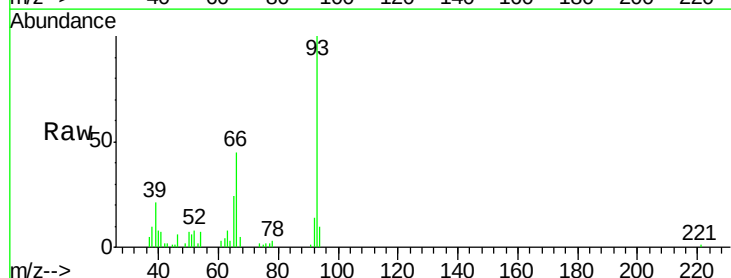
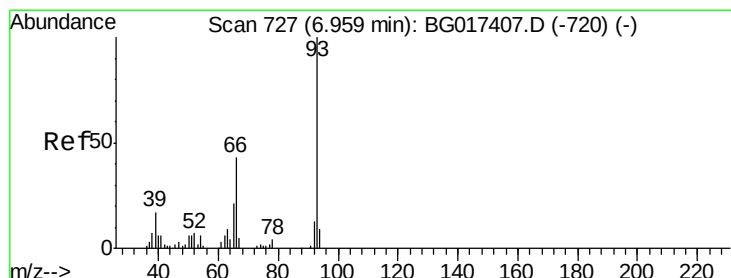
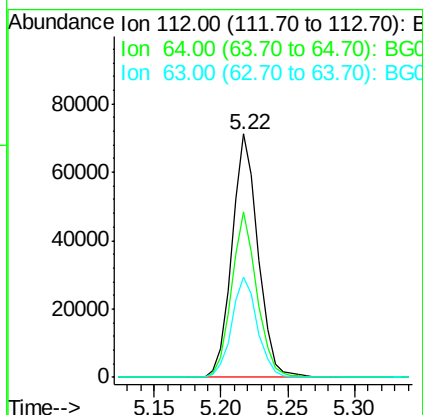
BNA_G

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PENRD8.1(4)MSD

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#6

Aniline

Concen: 20.95 ng

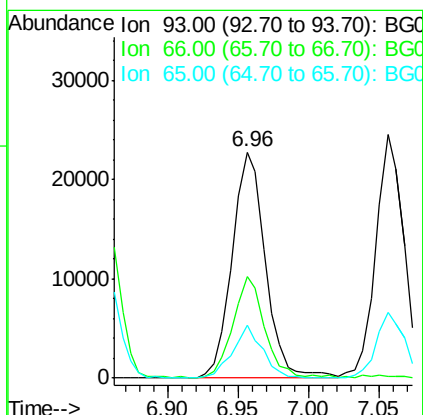
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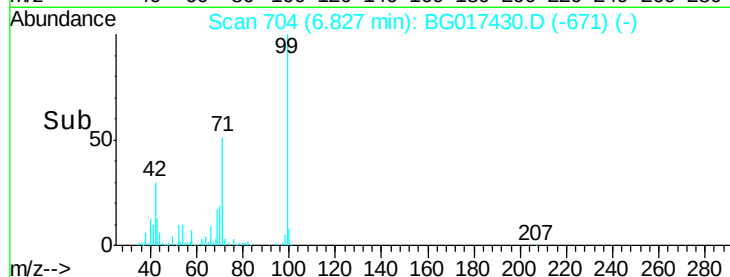
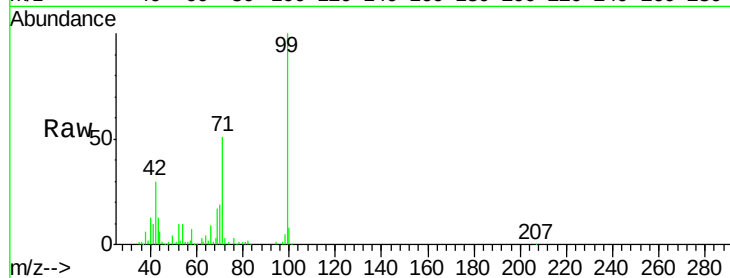
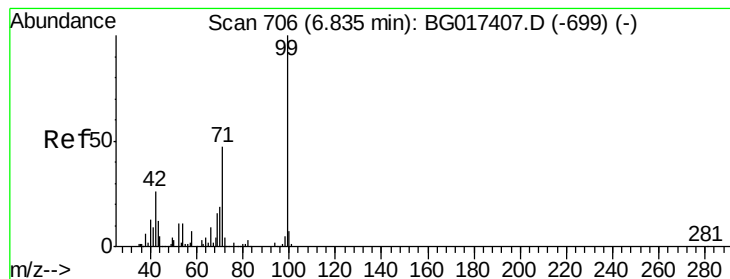
Delta R.T. -0.00 min

Lab File: BG017430.D

Acq: 4 Jun 2015 6:17

Tgt Ion:	93	Resp:	37475
Ion Ratio	Lower	Upper	
93	100		
66	45.2	34.3	51.5
65	23.6	17.0	25.4





#7

Phenol-d6

Concen: 98.15 ng

RT: 6.83 min Scan# 704

Delta R.T. -0.00 min

Lab File: BG017430.D

Acq: 4 Jun 2015 6:17

Tgt Ion:	99	Resp:	130779
Ion Ratio	Lower	Upper	
99	100		
42	29.9	21.0	31.6
71	51.4	37.2	55.8

Instrument :

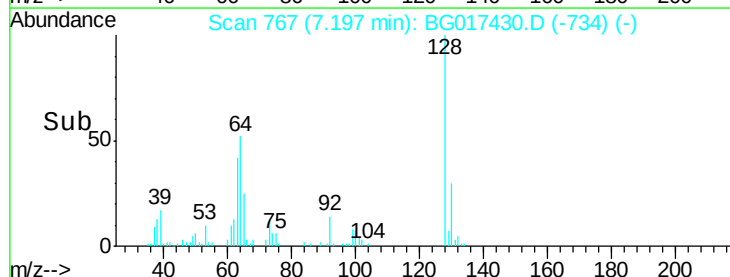
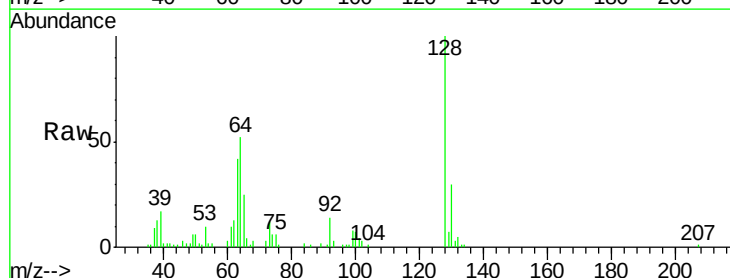
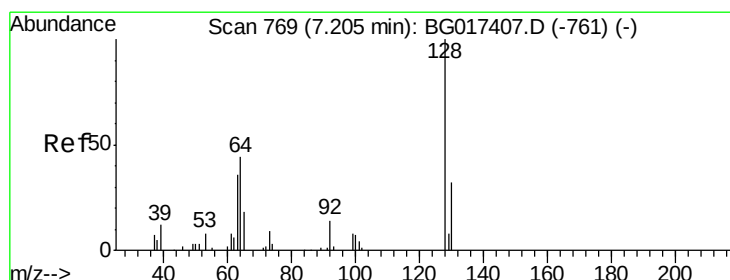
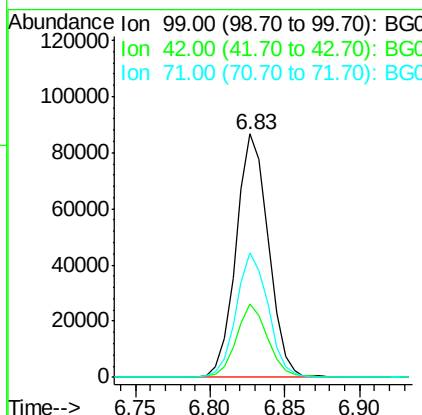
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#8

2-Chlorophenol

Concen: 30.80 ng

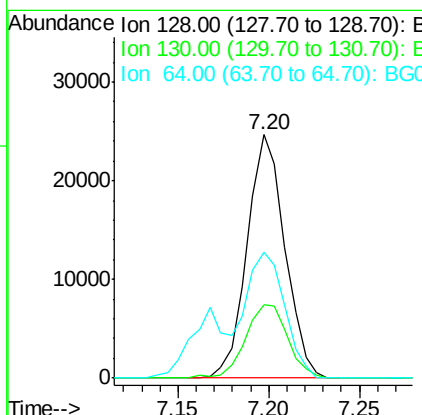
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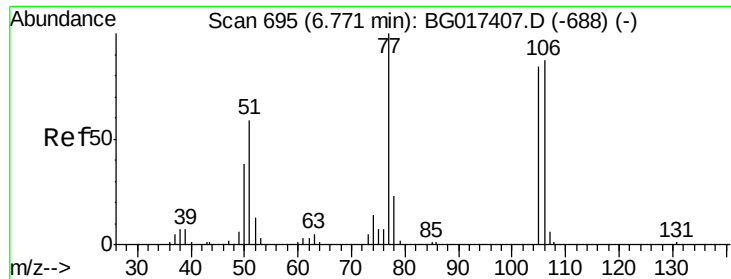
Delta R.T. -0.00 min

Lab File: BG017430.D

Acq: 4 Jun 2015 6:17

Tgt Ion:	128	Resp:	35625
Ion Ratio	Lower	Upper	
128	100		
130	30.1	11.7	51.7
64	51.6	32.5	72.5





#9

Benzaldehyde

Concen: 4.71 ng

RT: 6.77 min Scan# 694

Delta R.T. 0.00 min

Lab File: BG017430.D

Acq: 4 Jun 2015 6:17

Instrument :

BNA_G

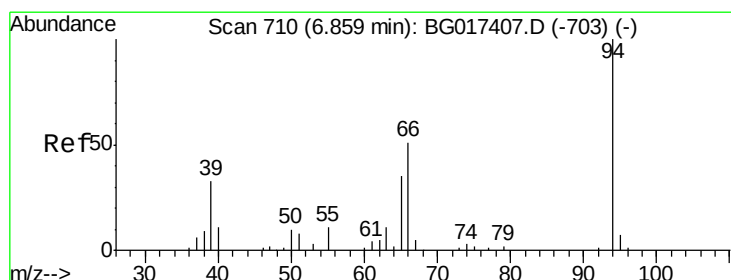
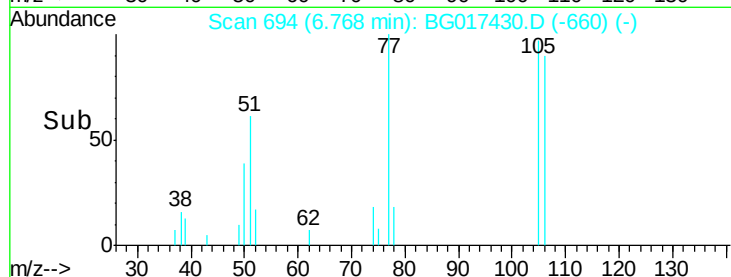
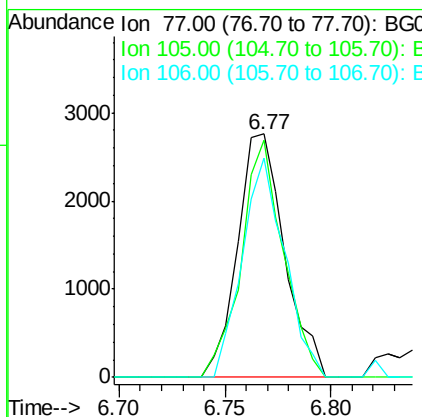
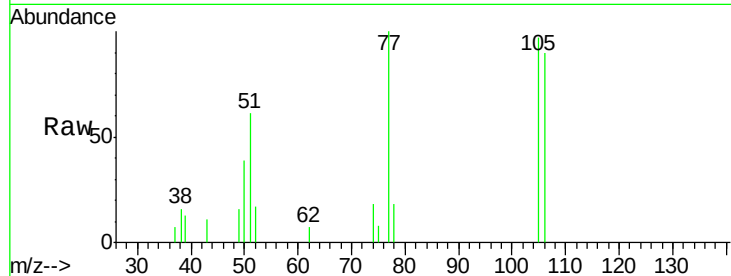
ClientSampleId :

PENRD8.1(4)MSD

Tgt Ion:	77	Resp:	4262
Ion	Ratio	Lower	Upper
77	100		
105	97.4	64.0	104.0
106	89.9	67.2	107.2

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#10

Phenol

Concen: 33.45 ng

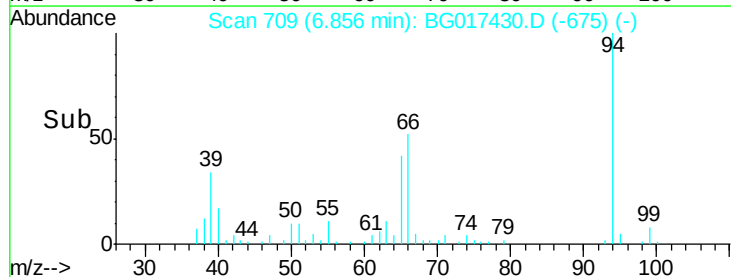
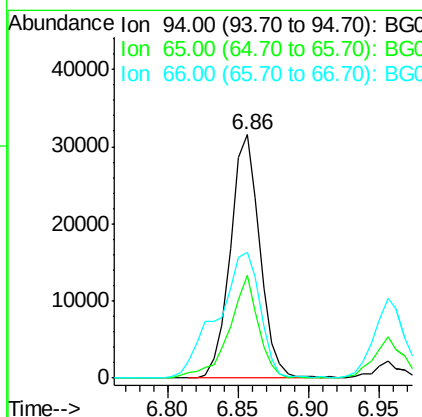
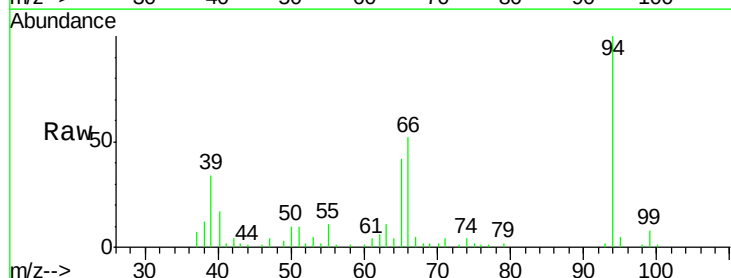
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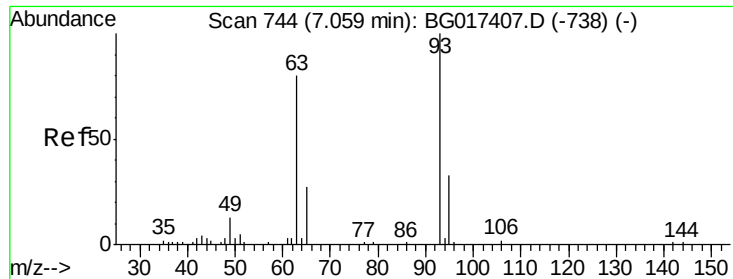
Delta R.T. 0.00 min

Lab File: BG017430.D

Acq: 4 Jun 2015 6:17

Tgt Ion:	94	Resp:	45784
Ion	Ratio	Lower	Upper
94	100		
65	42.3	15.9	55.9
66	51.9	34.9	74.9





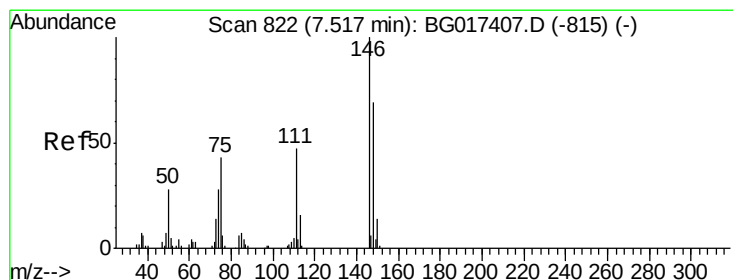
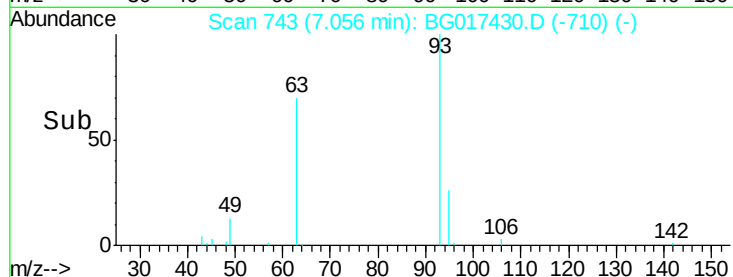
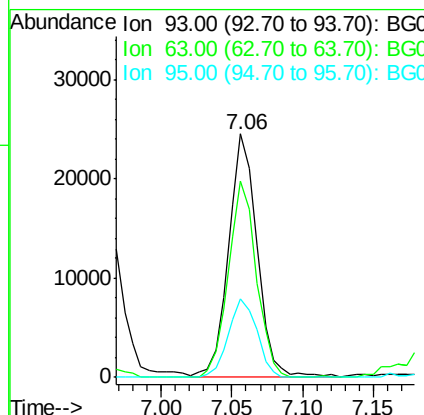
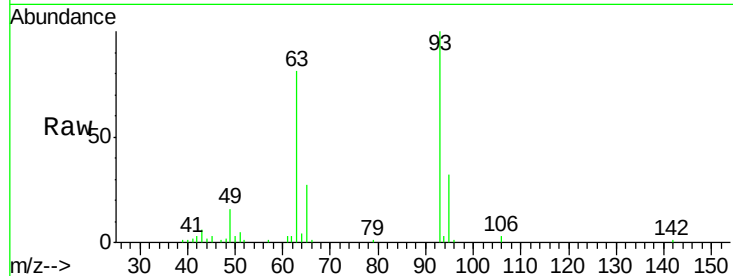
#11
bis(2-Chloroethyl)ether
Concen: 33.17 ng
RT: 7.06 min Scan# 743
Delta R.T. -0.00 min
Lab File: BG017430.D
Acq: 4 Jun 2015 6:17

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

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
63	80.5	59.7	99.7
95	32.1	13.2	53.2

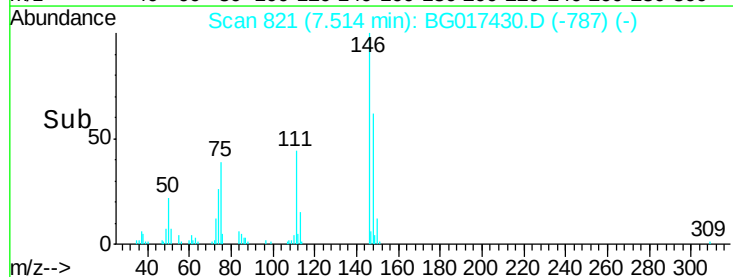
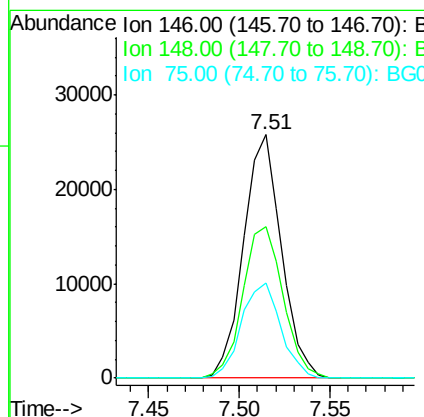
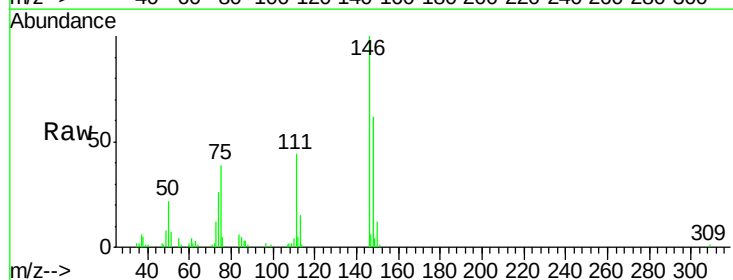
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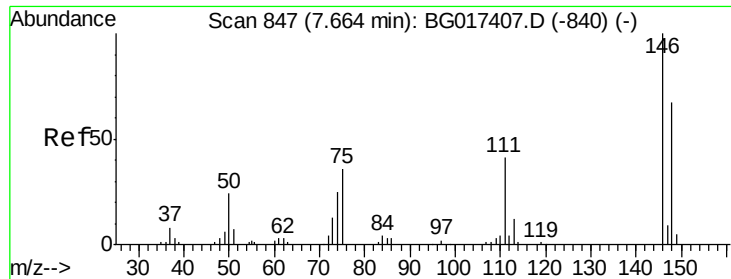
apatel
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#12
1,3-Dichlorobenzene
Concen: 28.94 ng
RT: 7.51 min Scan# 821
Delta R.T. 0.00 min
Lab File: BG017430.D
Acq: 4 Jun 2015 6:17

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
148	62.3	55.2	82.8
75	39.2	34.1	51.1





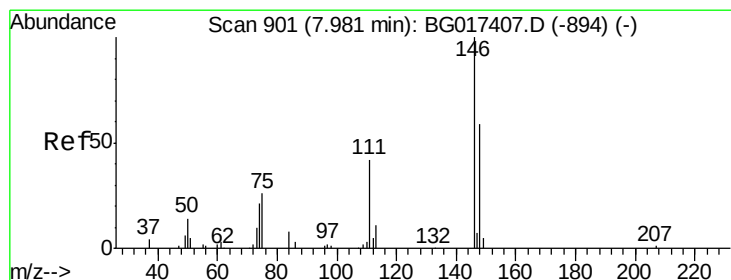
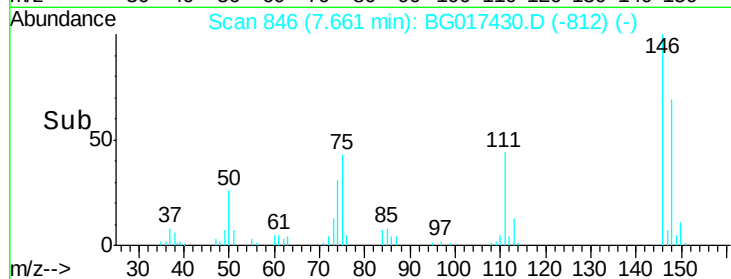
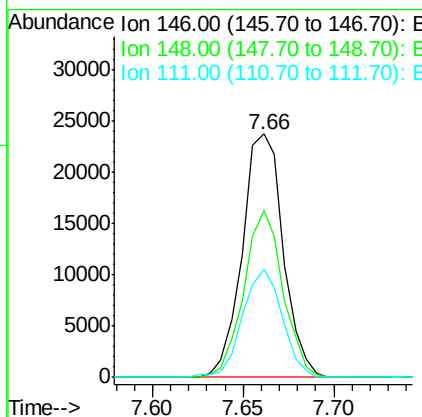
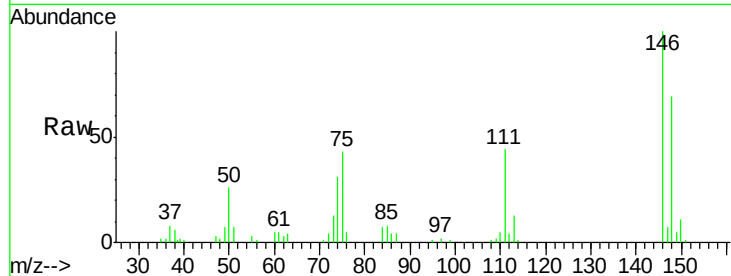
#13
 1,4-Dichlorobenzene
 Concen: 27.36 ng
 RT: 7.66 min Scan# 846
 Delta R.T. 0.00 min
 Lab File: BG017430.D
 Acq: 4 Jun 2015 6:17

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

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.8	53.2	79.8
111	44.3	33.2	49.8

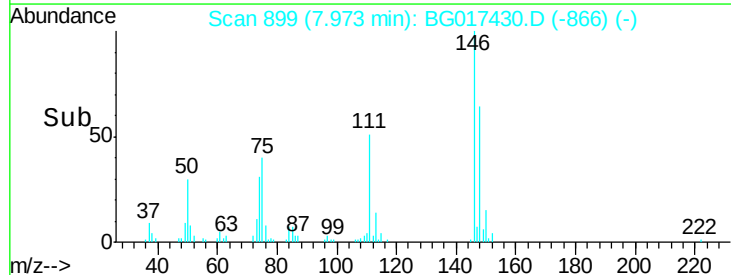
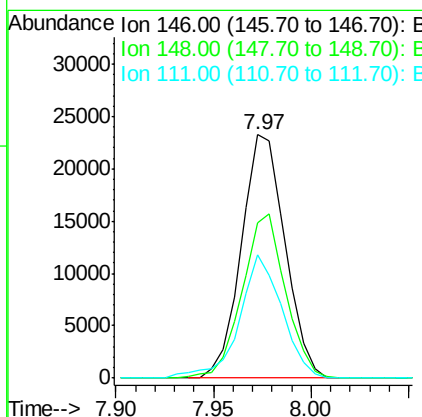
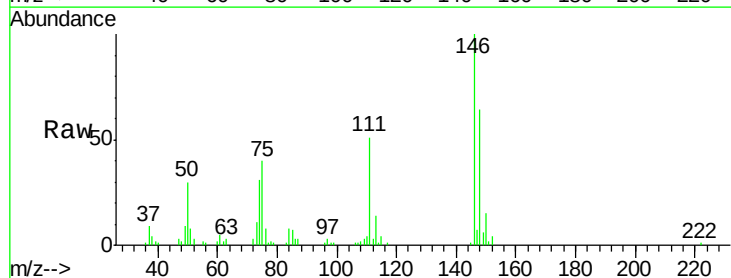
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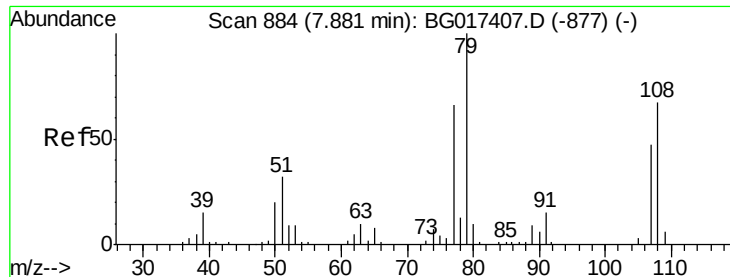
apatel
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#14
 1,2-Dichlorobenzene
 Concen: 28.37 ng
 RT: 7.97 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: BG017430.D
 Acq: 4 Jun 2015 6:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	46.9	70.3
111	50.9	35.0	52.4





#15

Benzyl Alcohol

Concen: 30.24 ng

RT: 7.87 min Scan# 882

Delta R.T. -0.00 min

Lab File: BG017430.D

Acq: 4 Jun 2015 6:17

Instrument :

BNA_G

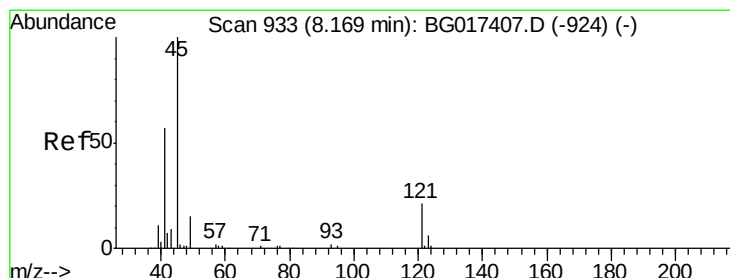
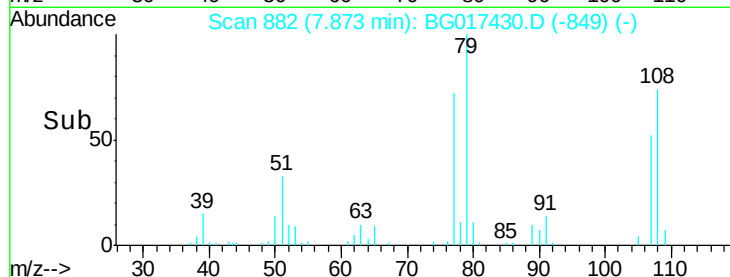
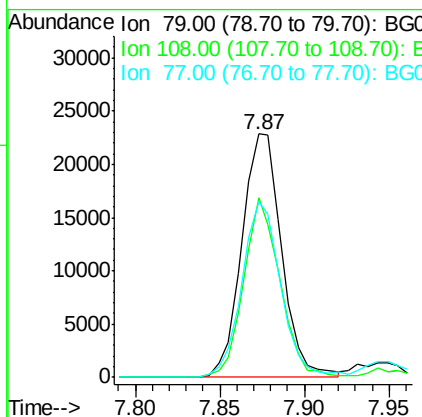
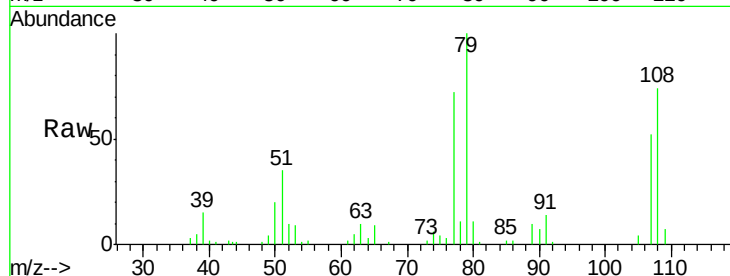
ClientSampleId :

PENRD8.1(4)MSD

Tgt Ion:	79	Resp:	37518
Ion Ratio	Lower	Upper	
79	100		
108	73.5	53.7	80.5
77	72.1	53.0	79.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 29.42 ng

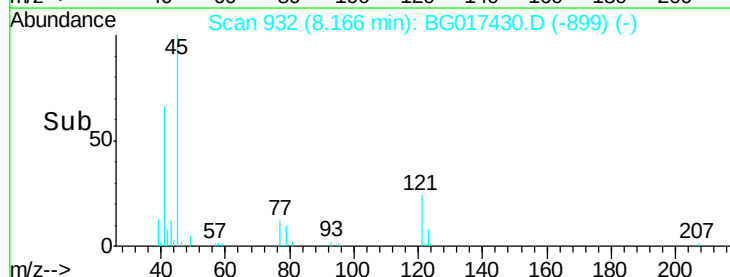
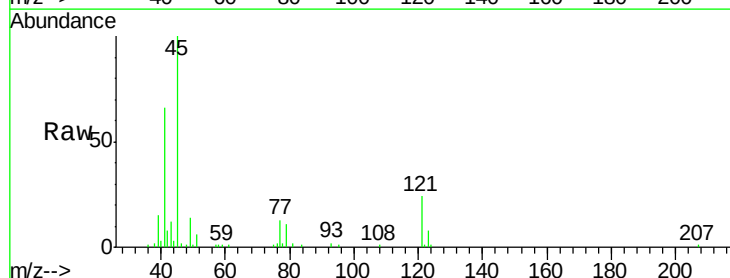
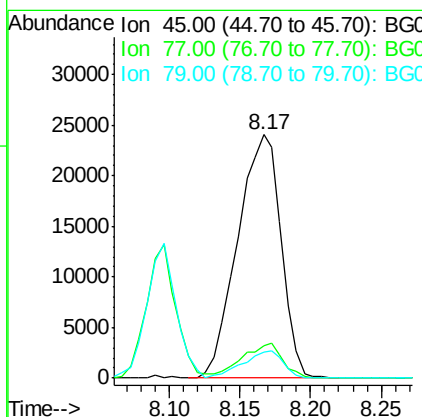
RT: 8.17 min Scan# 932

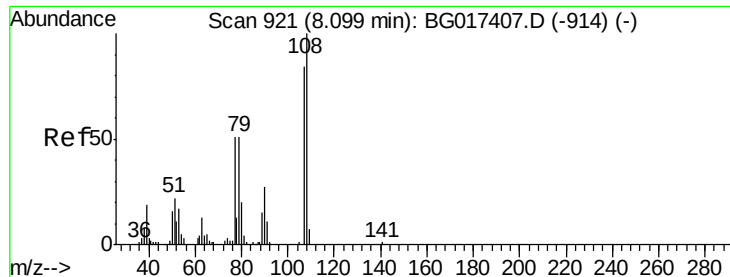
Delta R.T. -0.00 min

Lab File: BG017430.D

Acq: 4 Jun 2015 6:17

Tgt Ion:	45	Resp:	51703
Ion Ratio	Lower	Upper	
45	100		
77	13.4	0.0	33.9
79	10.6	0.0	29.0





#17

2-Methylphenol

Concen: 32.00 ng

RT: 8.10 min Scan# 920

Delta R.T. 0.00 min

Lab File: BG017430.D

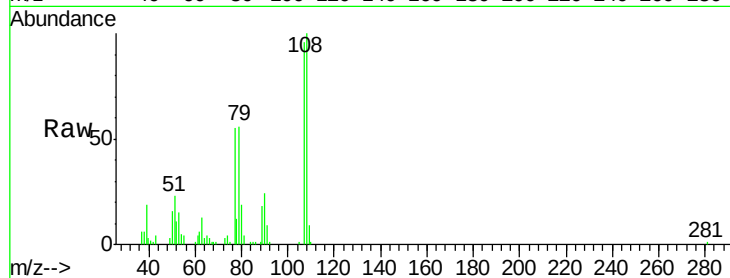
Acq: 4 Jun 2015 6:17

Instrument :

BNA_G

ClientSampleId :

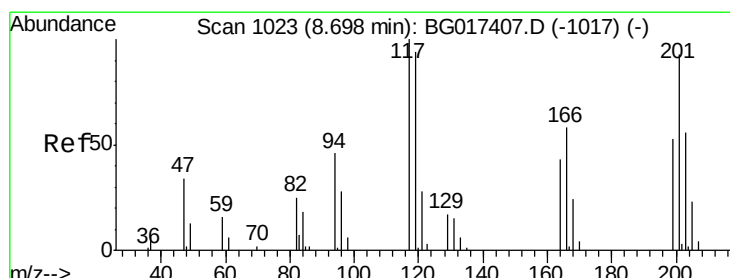
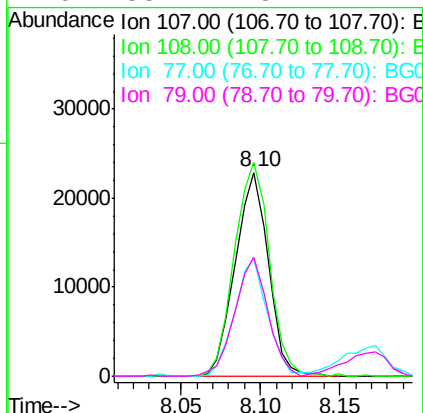
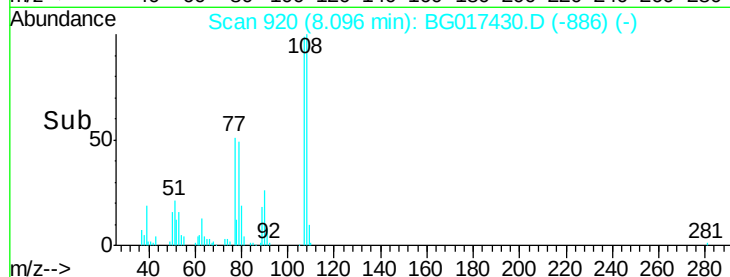
PENRD8.1(4)MSD



Tgt Ion	Ratio	Resp	Lower	Upper
107	100	33227		
108	104.6	95.4	143.0	
77	57.6	48.8	73.2	
79	58.2	48.2	72.4	

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#18

Hexachloroethane

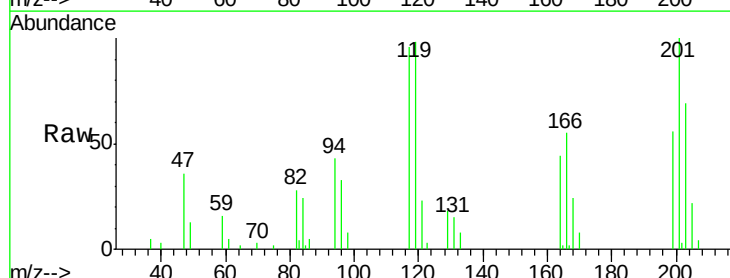
Concen: 28.70 ng

RT: 8.70 min Scan# 1023

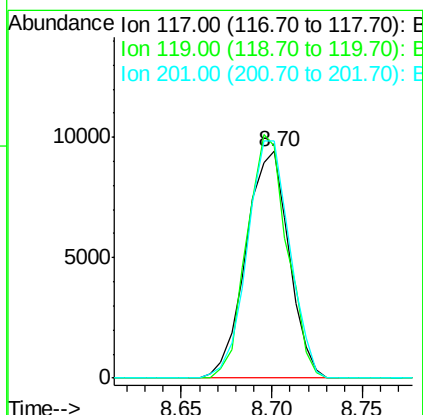
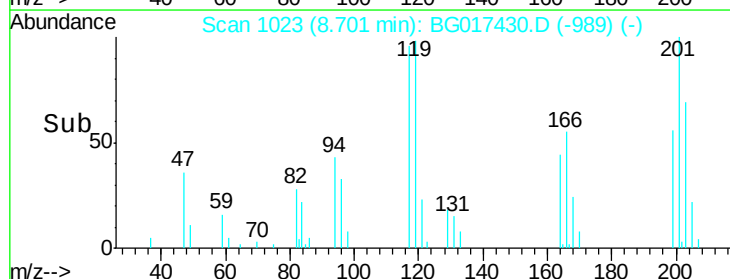
Delta R.T. 0.00 min

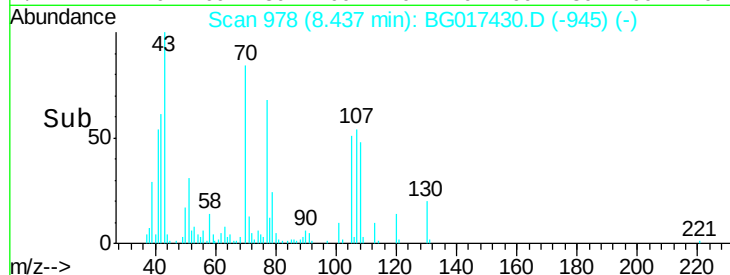
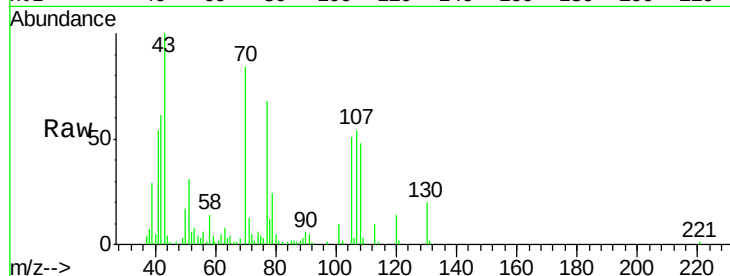
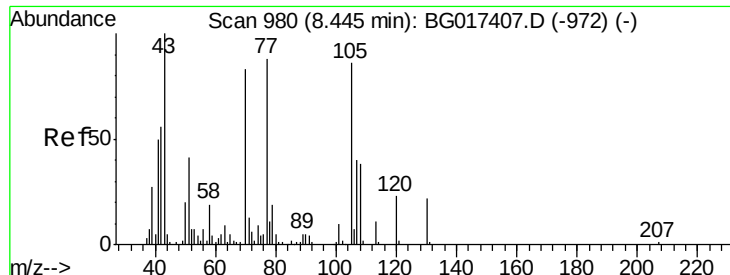
Lab File: BG017430.D

Acq: 4 Jun 2015 6:17



Tgt Ion	Ratio	Resp	Lower	Upper
117	100	15514		
119	102.2	75.0	112.4	
201	104.5	74.2	111.2	





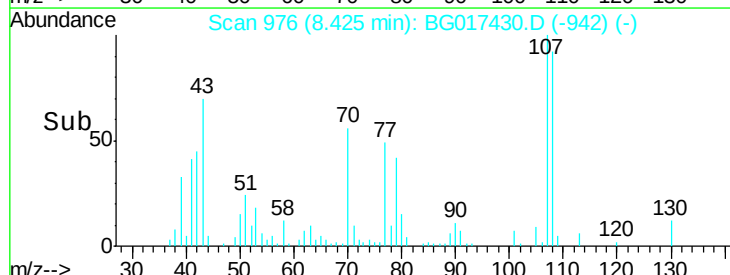
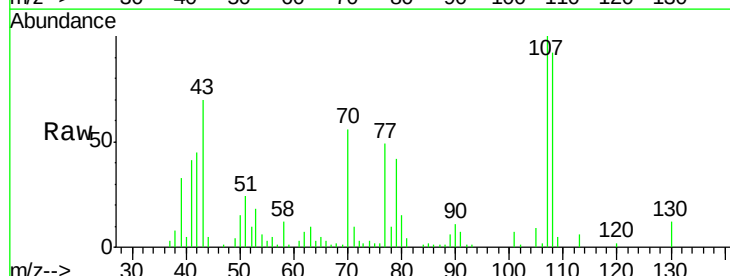
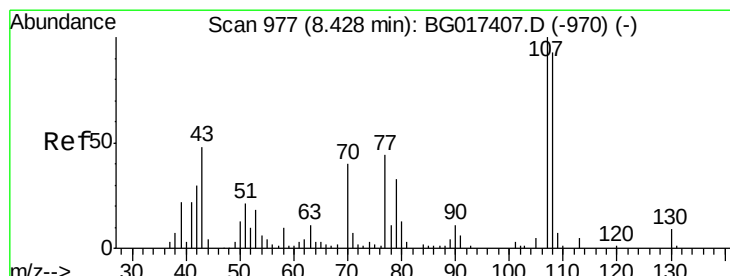
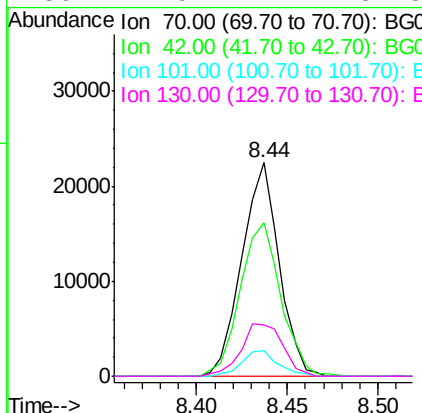
#19
n-Nitroso-di-n-propylamine
Concen: 28.42 ng
RT: 8.44 min Scan# 978
Delta R.T. -0.00 min
Lab File: BG017430.D
Acq: 4 Jun 2015 6:17

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

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	32041		
42	72.1	53.8	80.8	
101	11.9	9.5	14.3	
130	24.0	21.2	31.8	

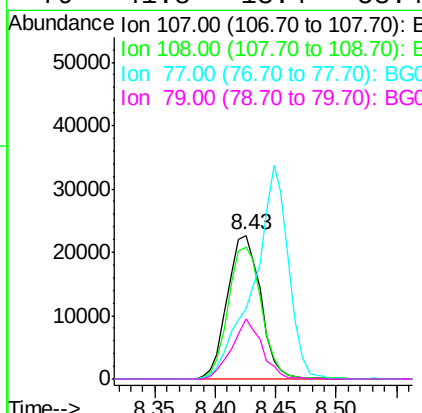
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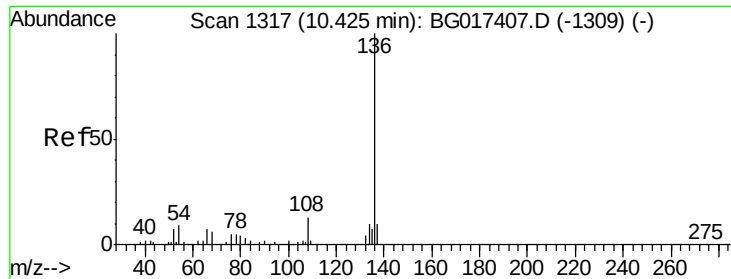
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#20
3+4-Methylphenols
Concen: 30.52 ng
RT: 8.43 min Scan# 976
Delta R.T. 0.00 min
Lab File: BG017430.D
Acq: 4 Jun 2015 6:17

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	43855		
108	91.5	73.0	113.0	
77	49.1	23.9	63.9	
79	41.8	13.4	53.4	





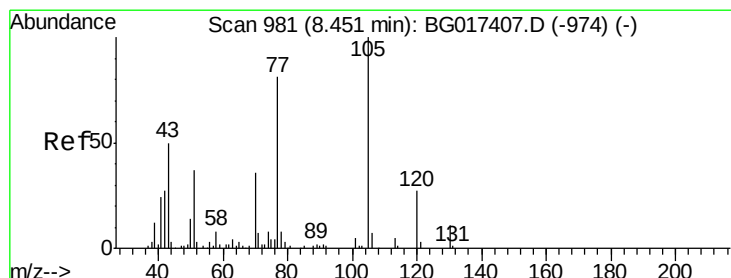
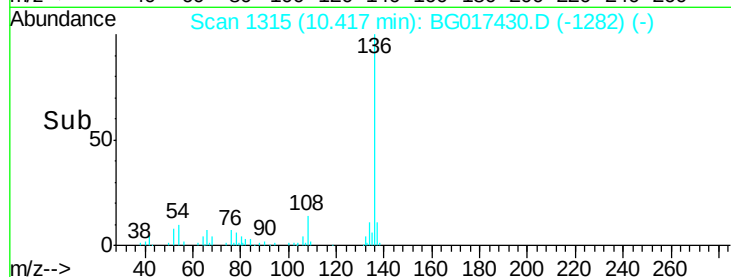
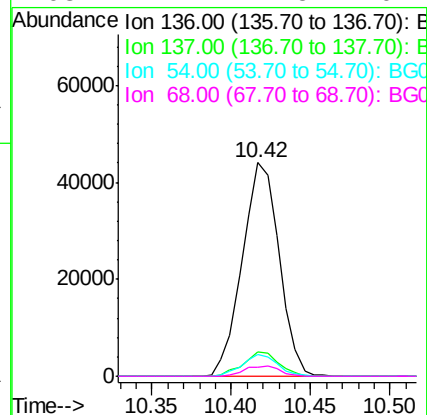
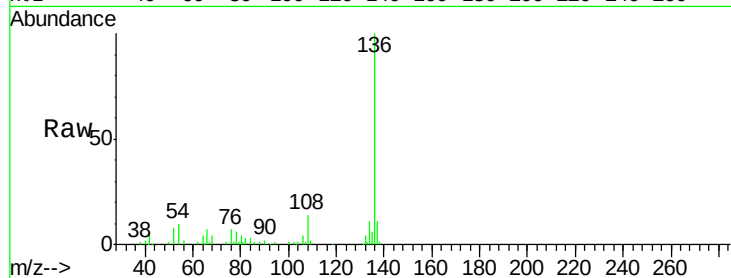
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.42 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG017430.D
Acq: 4 Jun 2015 6:17

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

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	71142		
137	11.4	7.9	11.9	
54	10.4	7.2	10.8	
68	4.1	4.5	6.7#	

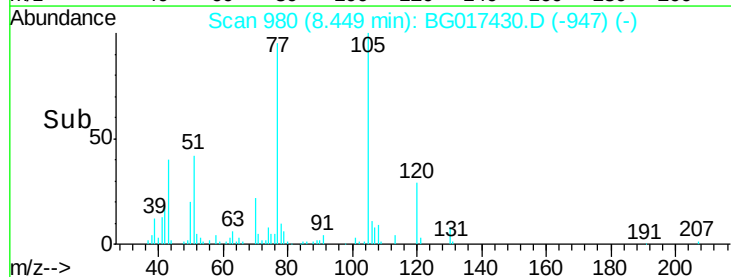
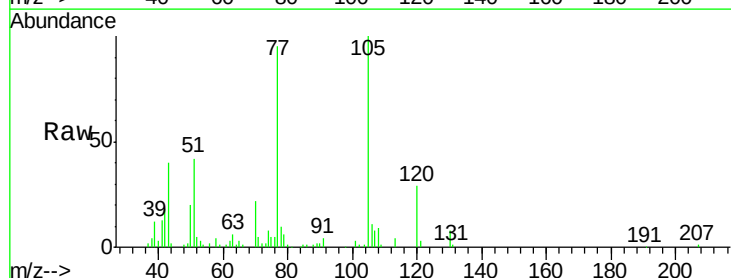
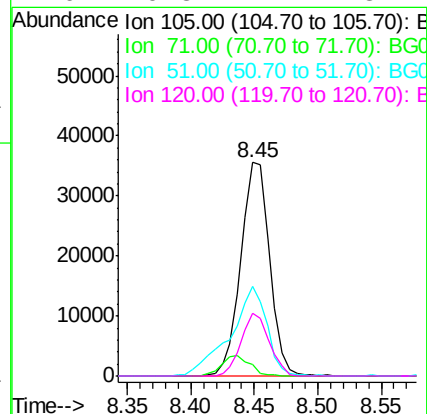
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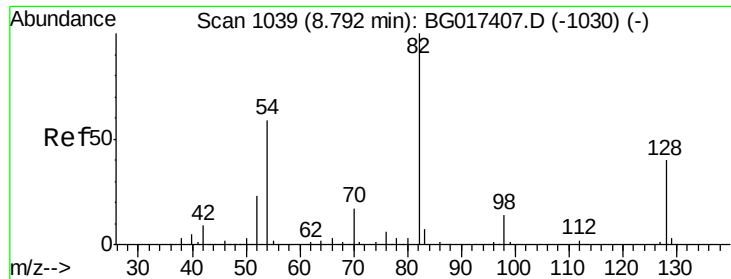
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#22
Acetophenone
Concen: 32.16 ng
RT: 8.45 min Scan# 980
Delta R.T. -0.00 min
Lab File: BG017430.D
Acq: 4 Jun 2015 6:17

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	56085		
71	5.2	5.3	7.9#	
51	42.0	32.4	48.6	
120	29.3	21.4	32.2	





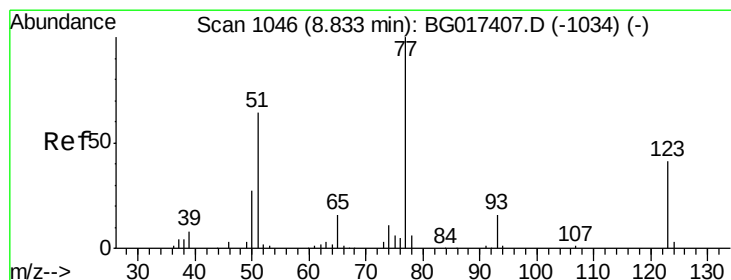
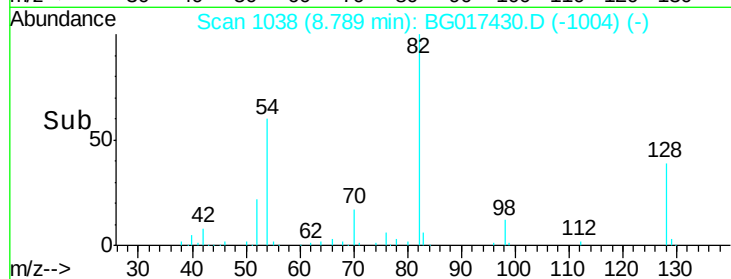
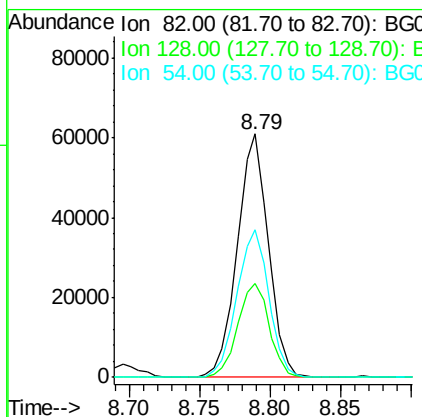
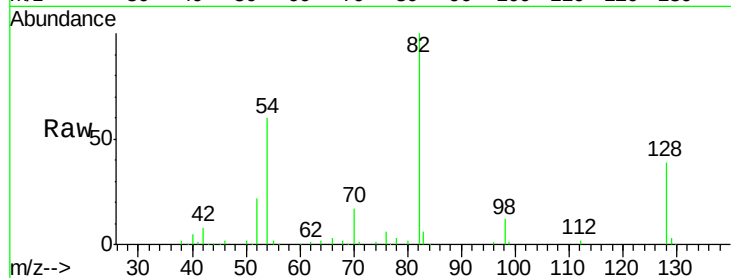
#23
 Nitrobenzene-d5
 Concen: 65.60 ng
 RT: 8.79 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: BG017430.D
 Acq: 4 Jun 2015 6:17

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

Tgt Ion:	82	Resp:	93488
Ion Ratio	Lower	Upper	
82	100		
128	38.6	32.2	48.4
54	60.4	47.4	71.2

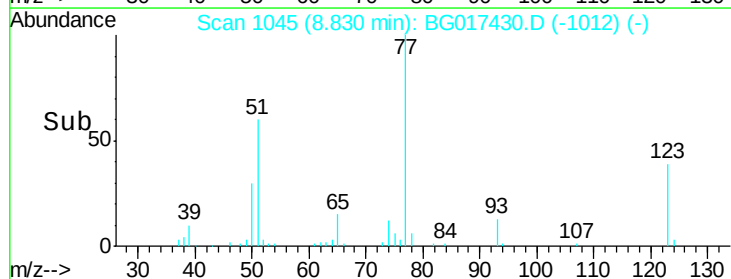
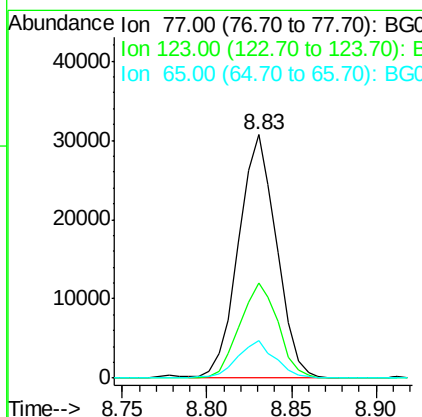
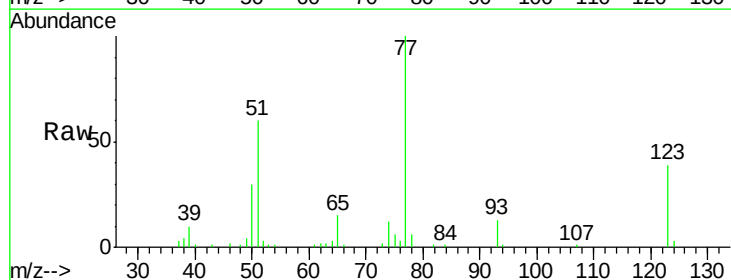
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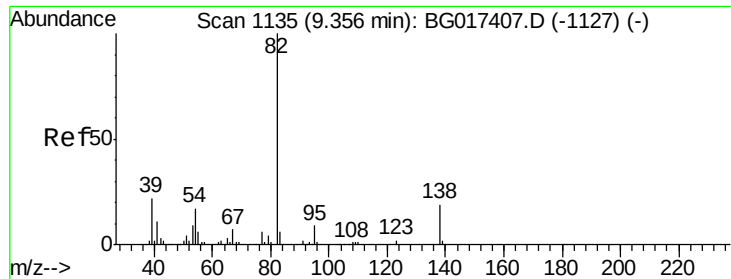
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#24
 Nitrobenzene
 Concen: 32.39 ng
 RT: 8.83 min Scan# 1045
 Delta R.T. -0.00 min
 Lab File: BG017430.D
 Acq: 4 Jun 2015 6:17

Tgt Ion:	77	Resp:	47924
Ion Ratio	Lower	Upper	
77	100		
123	39.0	32.6	49.0
65	15.2	12.8	19.2





#25

Isophorone

Concen: 28.88 ng

RT: 9.35 min Scan# 1133

Delta R.T. -0.00 min

Lab File: BG017430.D

Acq: 4 Jun 2015 6:17

Instrument :

BNA_G

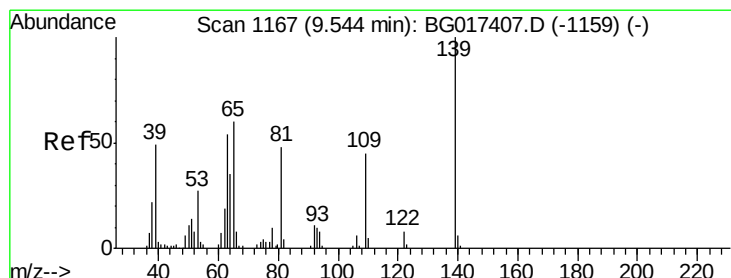
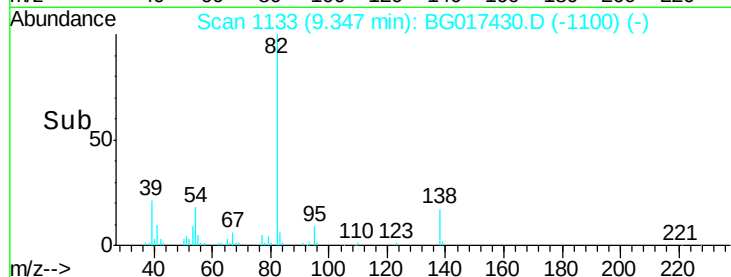
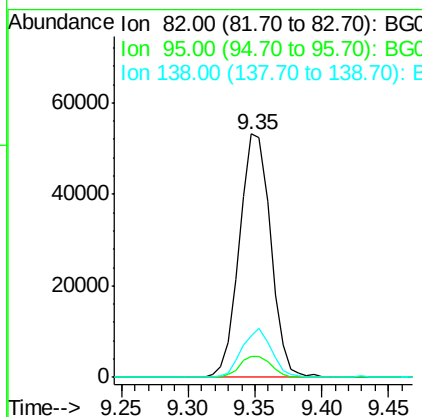
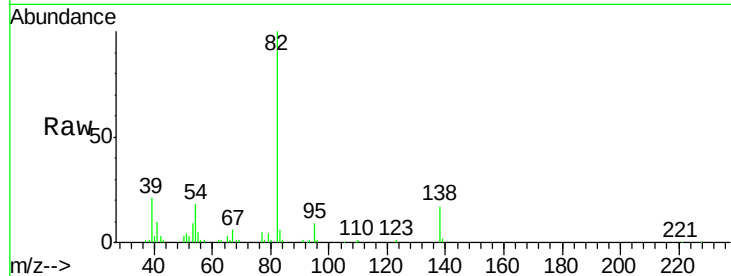
ClientSampleId :

PENRD8.1(4)MSD

Tgt Ion:	82	Resp:	86075
Ion Ratio		Lower	Upper
82	100		
95	8.6	7.1	10.7
138	17.0	15.5	23.3

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#26

2-Nitrophenol

Concen: 31.14 ng

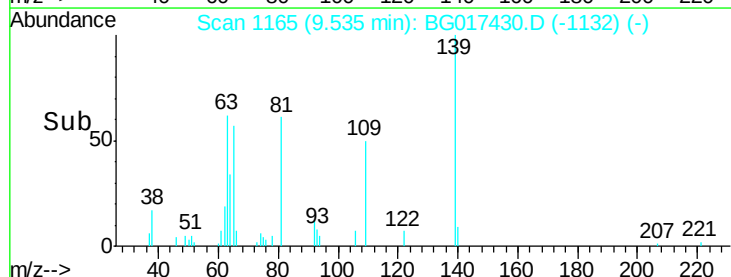
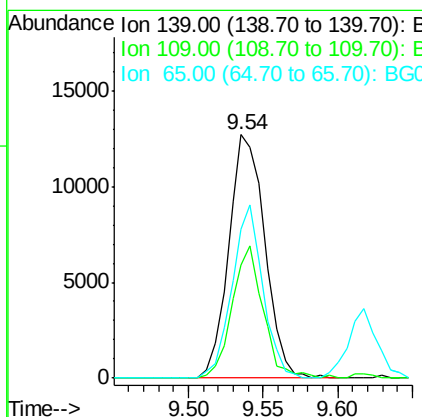
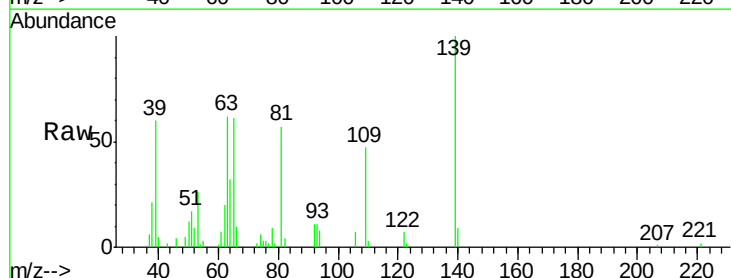
RT: 9.54 min Scan# 1165

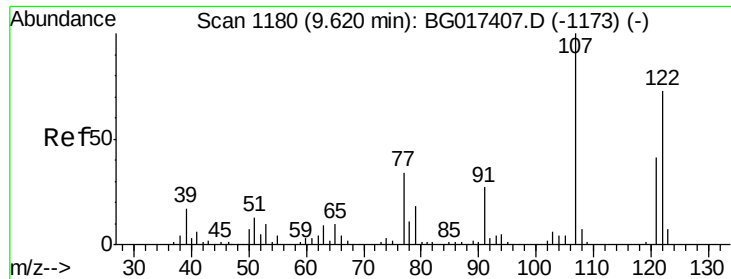
Delta R.T. -0.00 min

Lab File: BG017430.D

Acq: 4 Jun 2015 6:17

Tgt Ion:	139	Resp:	21366
Ion Ratio		Lower	Upper
139	100		
109	46.7	35.7	53.5
65	61.4	48.3	72.5





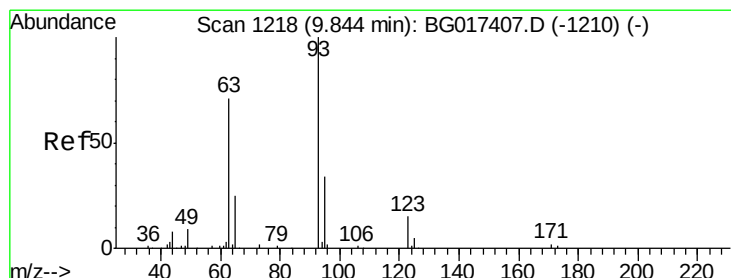
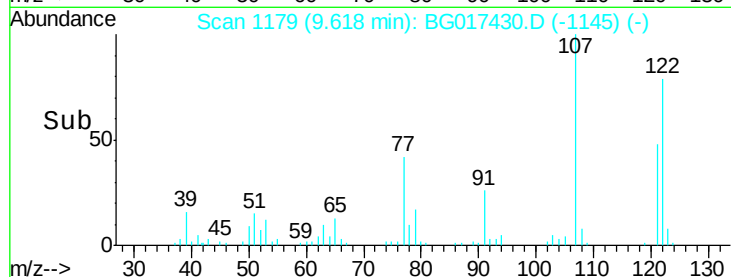
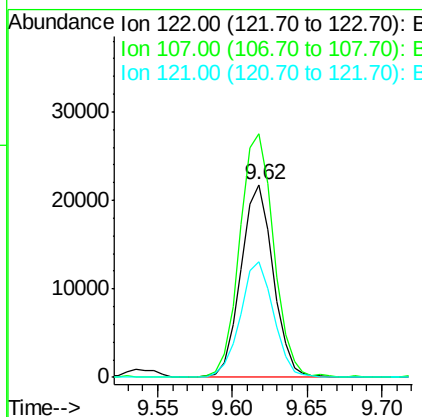
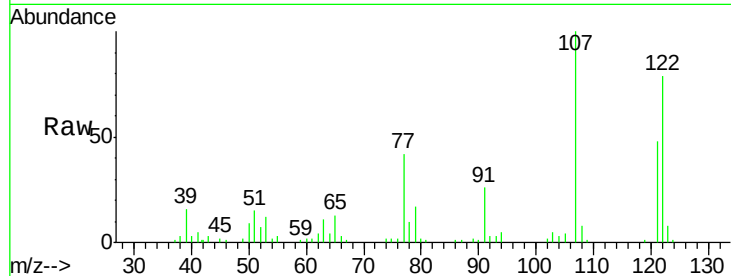
#27
 2,4-Dimethylphenol
 Concen: 29.25 ng
 RT: 9.62 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: BG017430.D
 Acq: 4 Jun 2015 6:17

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

Tgt Ion	Ratio	Lower	Upper
122	100		
107	126.4	109.2	163.8
121	60.2	44.3	66.5

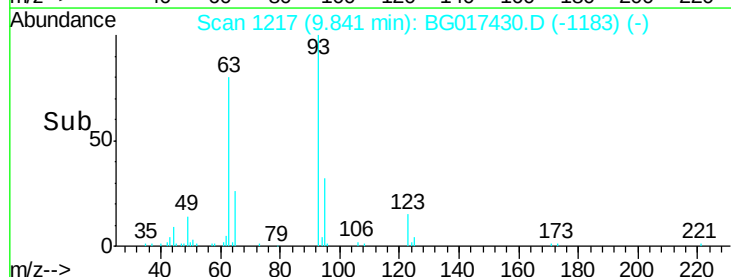
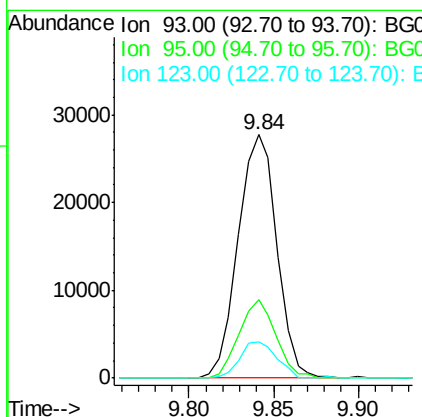
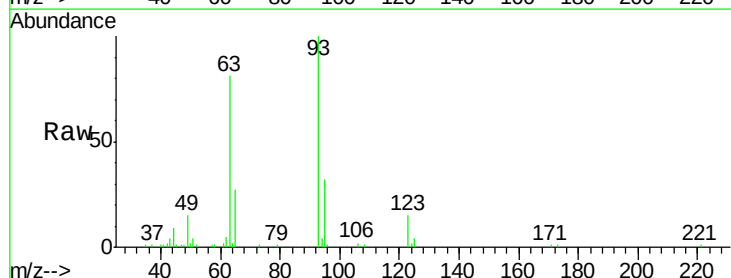
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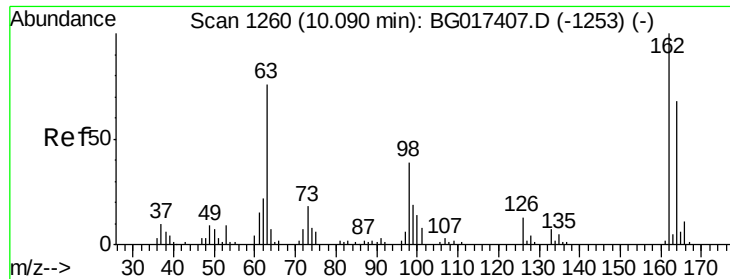
apatel
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#28
 bis(2-Chloroethoxy)methane
 Concen: 32.42 ng
 RT: 9.84 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: BG017430.D
 Acq: 4 Jun 2015 6:17

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	27.0	40.6
123	15.1	12.5	18.7





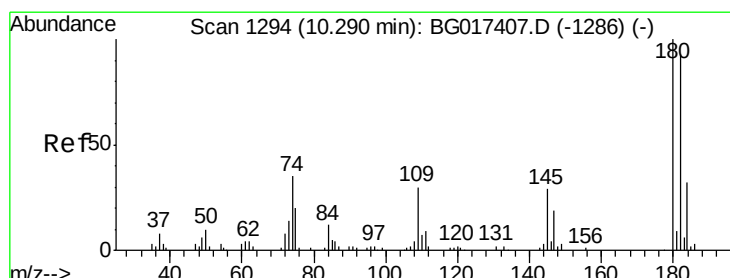
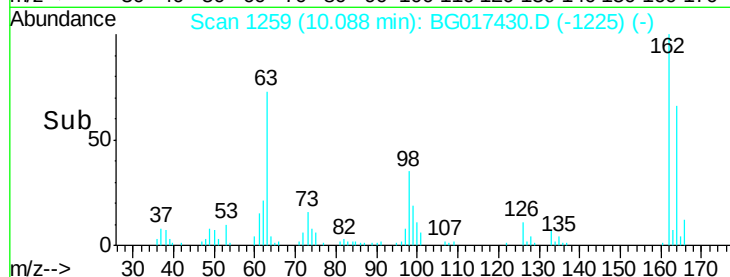
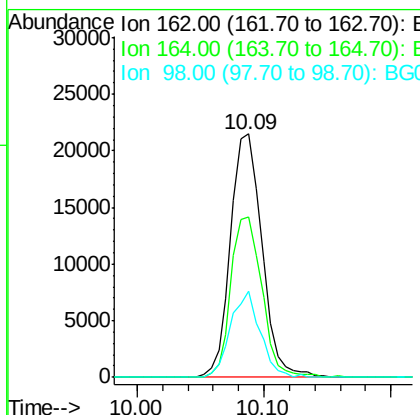
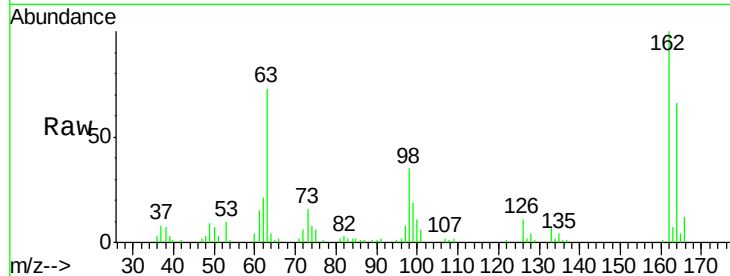
#29
2,4-Dichlorophenol
Concen: 34.01 ng
RT: 10.09 min Scan# 1259
Delta R.T. 0.00 min
Lab File: BG017430.D
Acq: 4 Jun 2015 6:17

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

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	65.9	48.0	88.0
98	35.4	18.9	58.9

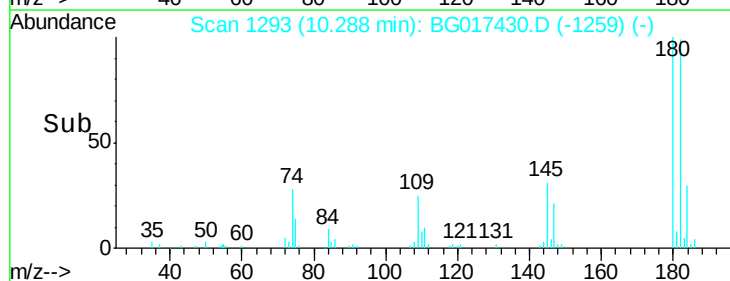
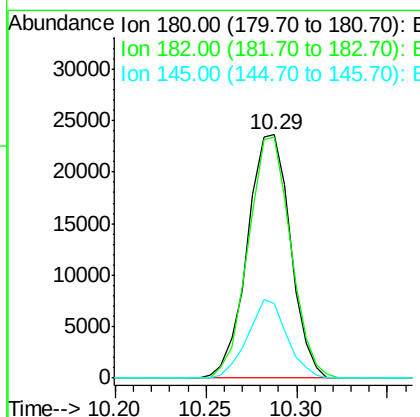
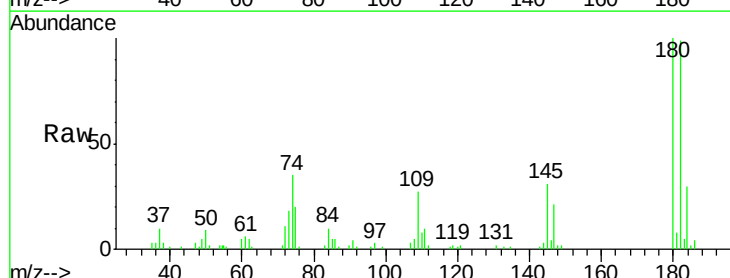
Manual Integrations
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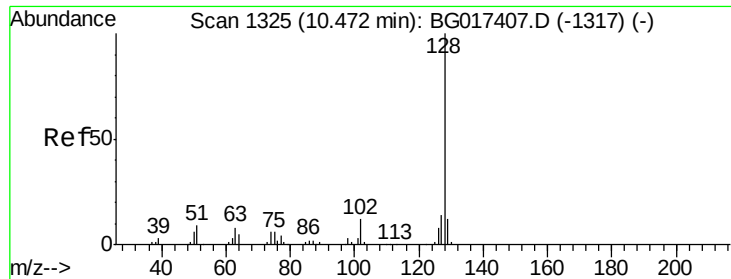
apatel
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#30
1,2,4-Trichlorobenzene
Concen: 30.42 ng
RT: 10.29 min Scan# 1293
Delta R.T. 0.00 min
Lab File: BG017430.D
Acq: 4 Jun 2015 6:17

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	99.3	74.5	111.7
145	30.8	23.5	35.3





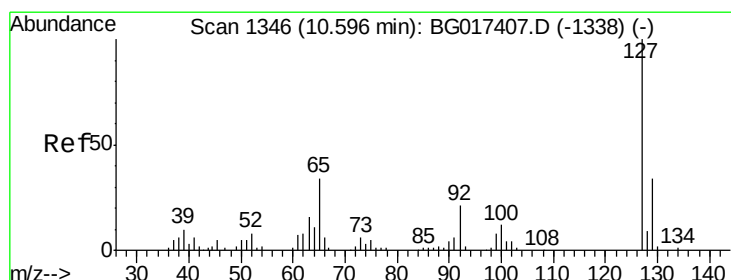
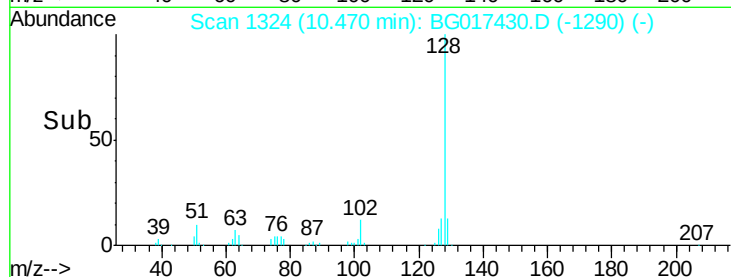
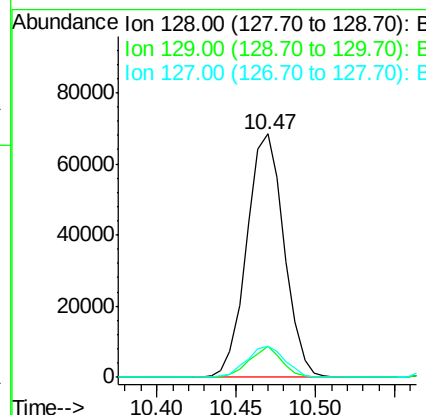
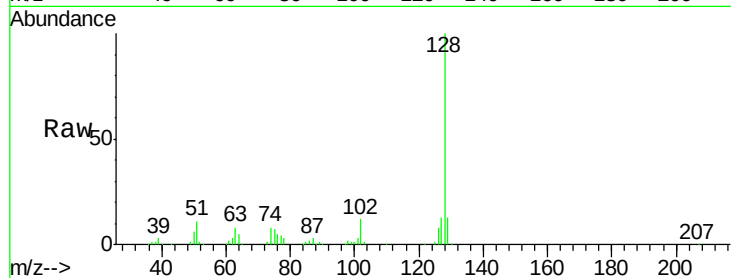
#31
Naphthalene
Concen: 30.04 ng
RT: 10.47 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BG017430.D
Acq: 4 Jun 2015 6:17

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

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	111644		
129	12.7	9.2	13.8	
127	13.0	10.9	16.3	

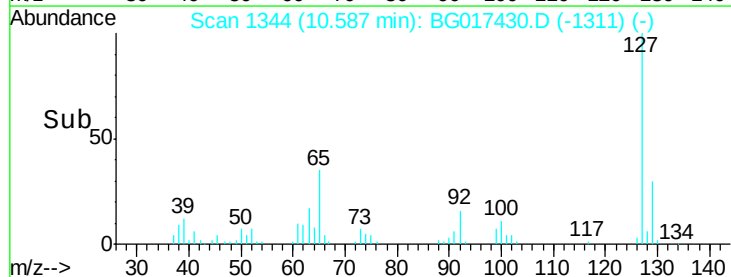
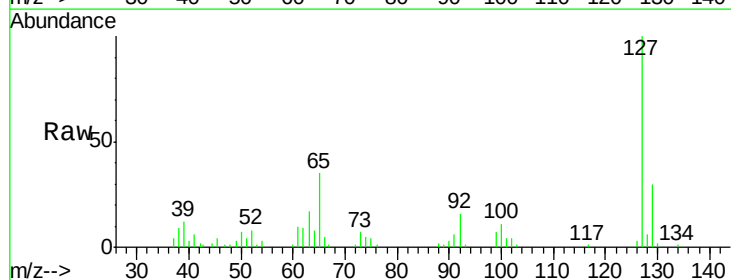
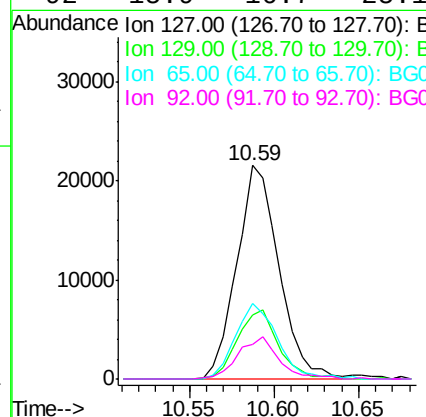
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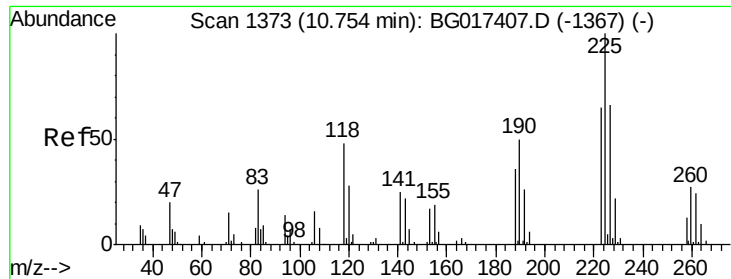
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#33
4-Chloroaniline
Concen: 22.62 ng
RT: 10.59 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BG017430.D
Acq: 4 Jun 2015 6:17

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	37302		
129	29.8	27.1	40.7	
65	35.3	27.6	41.4	
92	15.9	16.7	25.1	#





#34

Hexachlorobutadiene

Concen: 30.30 ng

RT: 10.75 min Scan# 1372

Delta R.T. -0.00 min

Lab File: BG017430.D

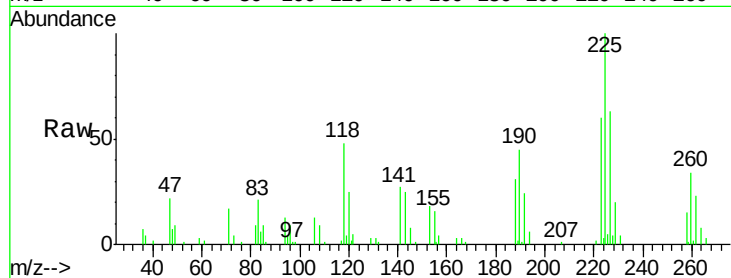
Acq: 4 Jun 2015 6:17

Instrument :

BNA_G

ClientSampleId :

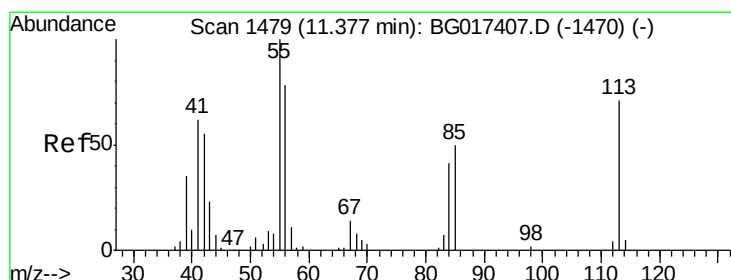
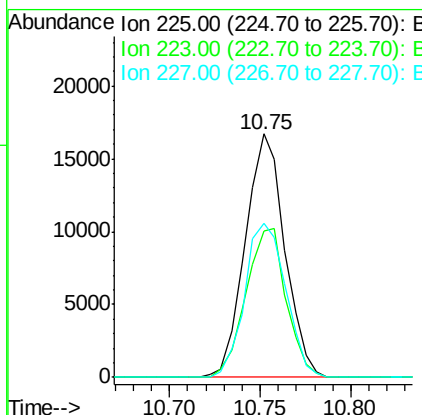
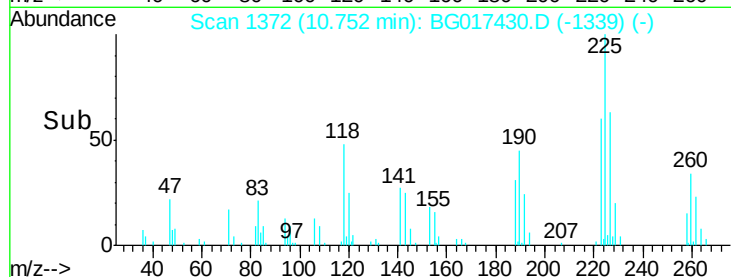
PENRD8.1(4)MSD



Tgt Ion:	225	Resp:	25213
Ion Ratio	Lower	Upper	
225	100		
223	59.9	52.2	78.2
227	66.7	52.6	78.8

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#35

Caprolactam

Concen: 18.81 ng m

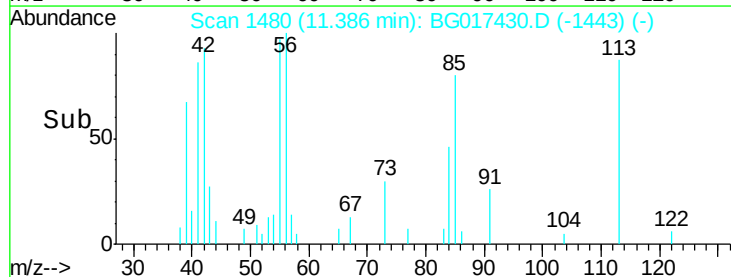
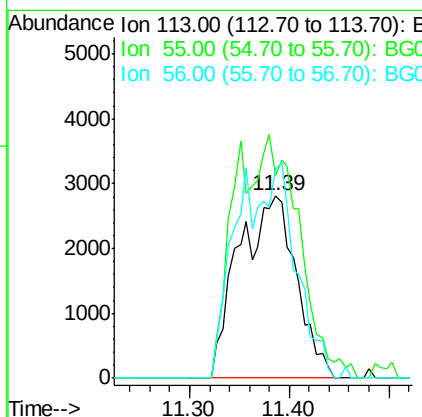
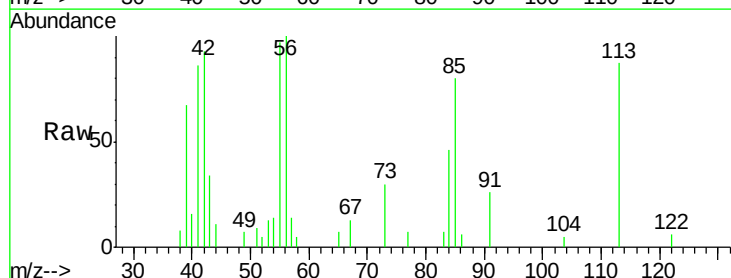
RT: 11.39 min Scan# 1480

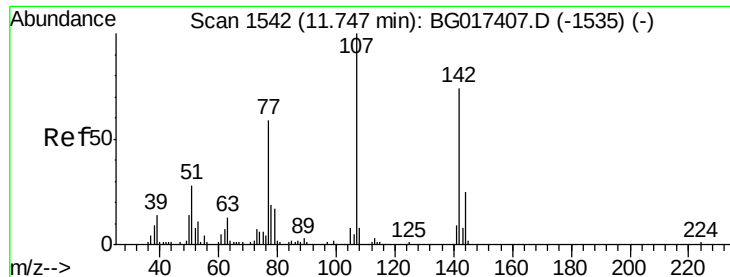
Delta R.T. 0.02 min

Lab File: BG017430.D

Acq: 4 Jun 2015 6:17

Tgt Ion:	113	Resp:	11255
Ion Ratio	Lower	Upper	
113	100		
55	111.6	121.6	161.6#
56	114.9	89.8	129.8





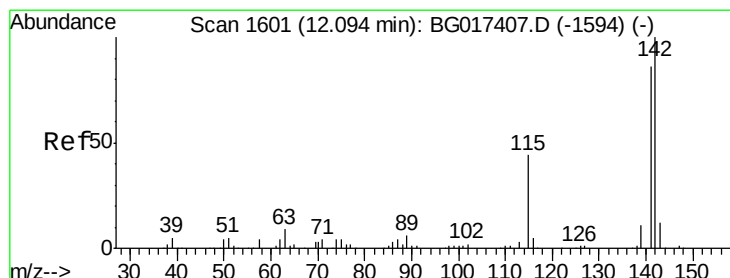
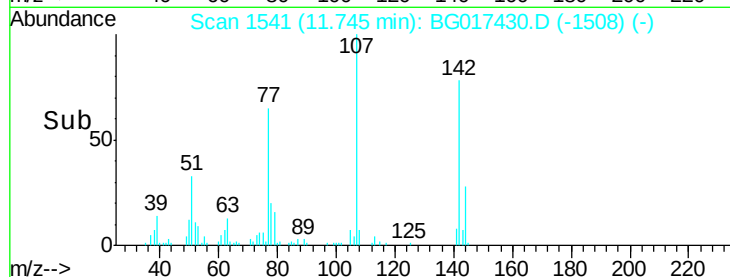
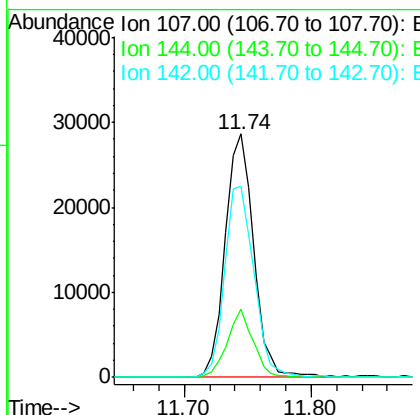
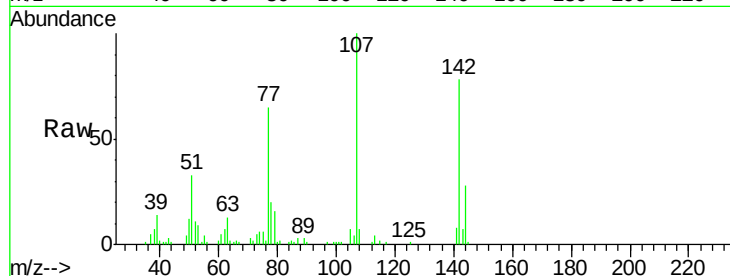
#36
 4-Chloro-3-methylphenol
 Concen: 31.40 ng
 RT: 11.74 min Scan# 1541
 Delta R.T. -0.00 min
 Lab File: BG017430.D
 Acq: 4 Jun 2015 6:17

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

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	44425		
144	27.9	19.8	19.8	29.8
142	78.4	59.0	59.0	88.4

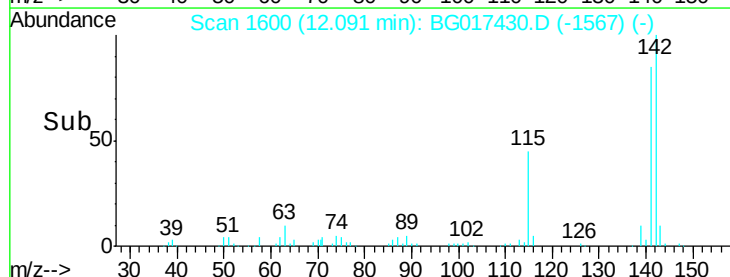
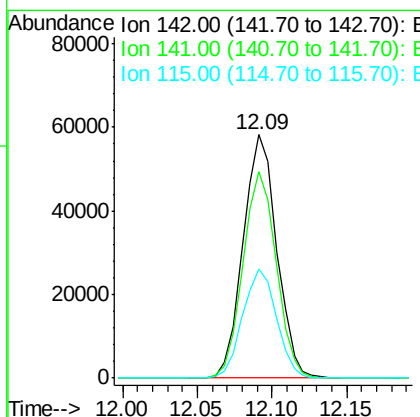
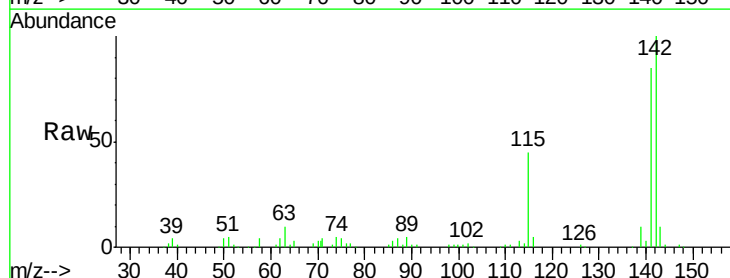
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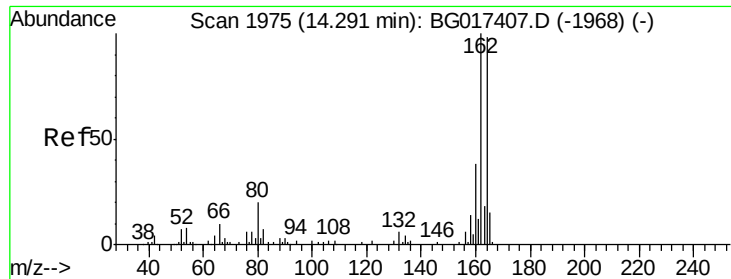
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#37
 2-Methylnaphthalene
 Concen: 31.68 ng
 RT: 12.09 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: BG017430.D
 Acq: 4 Jun 2015 6:17

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	90508		
141	84.9	68.6	68.6	102.8
115	44.7	35.3	35.3	52.9





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.29 min Scan# 1974

Delta R.T. -0.00 min

Lab File: BG017430.D

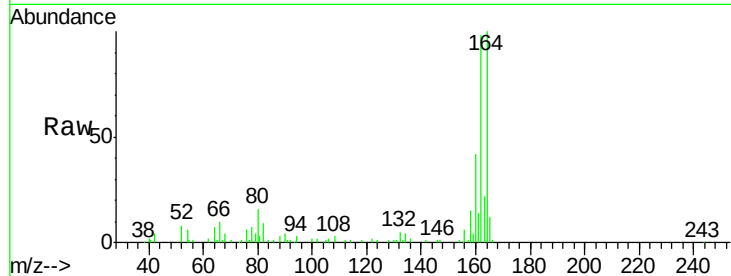
Acq: 4 Jun 2015 6:17

Instrument :

BNA_G

ClientSampleId :

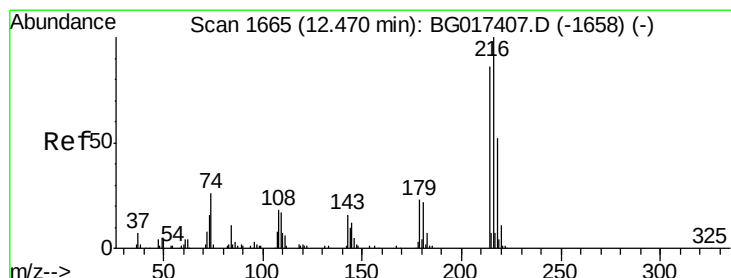
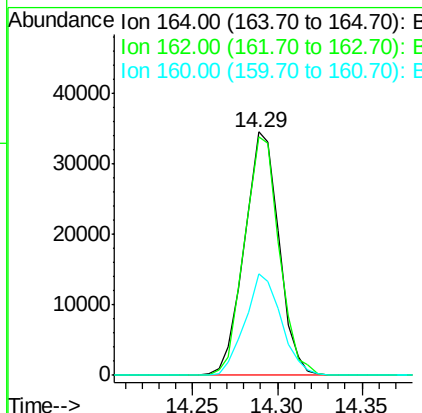
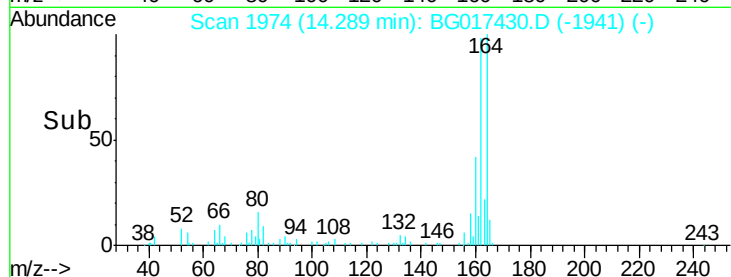
PENRD8.1(4)MSD



Tgt Ion:	164	Resp:	49204
Ion Ratio	Lower	Upper	
164	100		
162	97.9	81.8	122.6
160	41.9	31.0	46.4

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#39

1,2,4,5-Tetrachlorobenzene

Concen: 30.44 ng

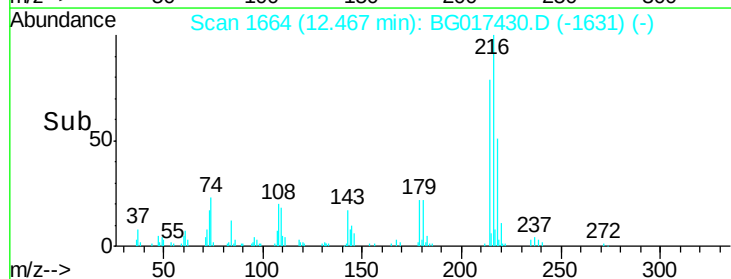
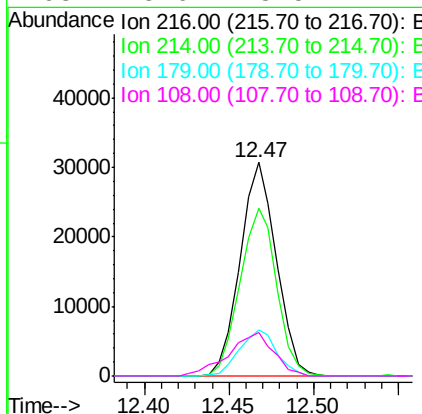
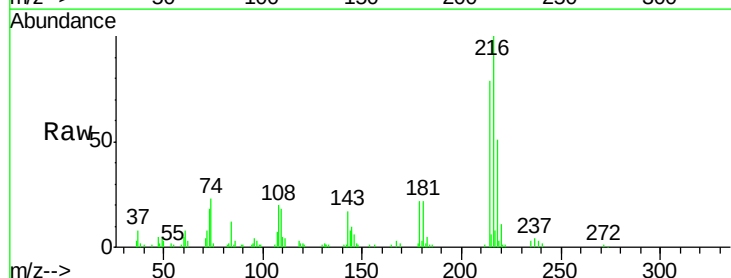
RT: 12.47 min Scan# 1664

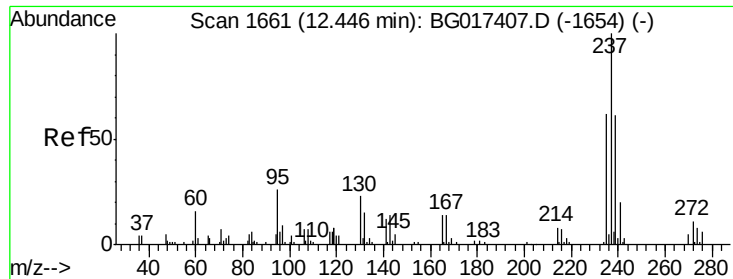
Delta R.T. -0.00 min

Lab File: BG017430.D

Acq: 4 Jun 2015 6:17

Tgt Ion:	216	Resp:	45570
Ion Ratio	Lower	Upper	
216	100		
214	79.6	66.5	99.7
179	22.2	17.3	25.9
108	25.6	18.5	27.7





#40

Hexachlorocyclopentadiene

Concen: 52.90 ng

RT: 12.44 min Scan# 1660

Delta R.T. -0.00 min

Lab File: BG017430.D

Acq: 4 Jun 2015 6:17

Instrument :

BNA_G

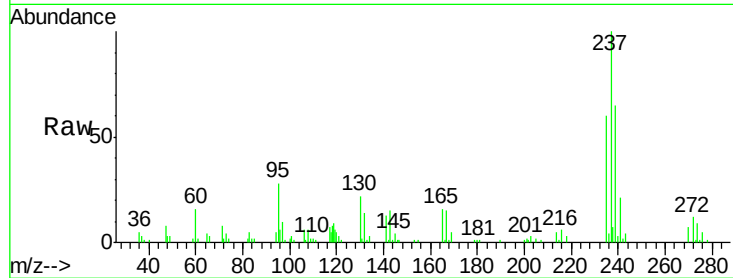
ClientSampleId :

PENRD8.1(4)MSD

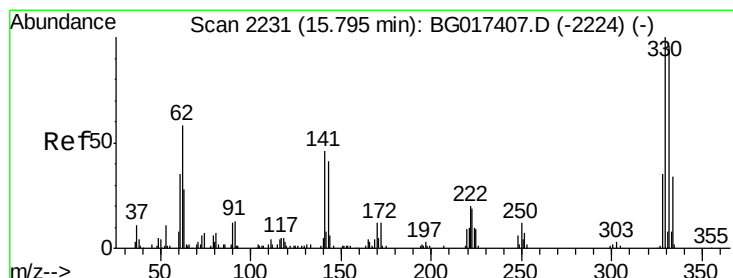
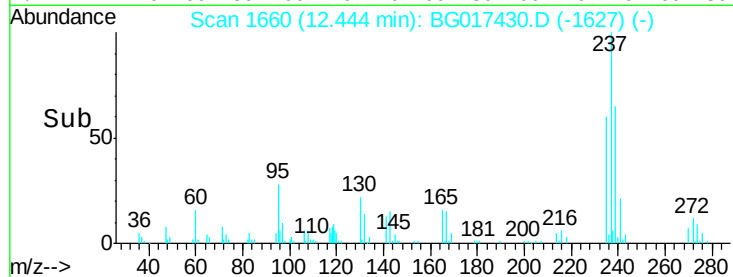
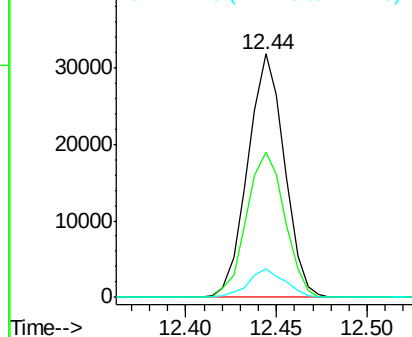
Tgt Ion:	237	Resp:	44514
Ion Ratio	Lower	Upper	
237	100		
235	59.5	42.3	82.3
272	11.7	0.0	31.2

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#41

2,4,6-Tribromophenol

Concen: 94.90 ng

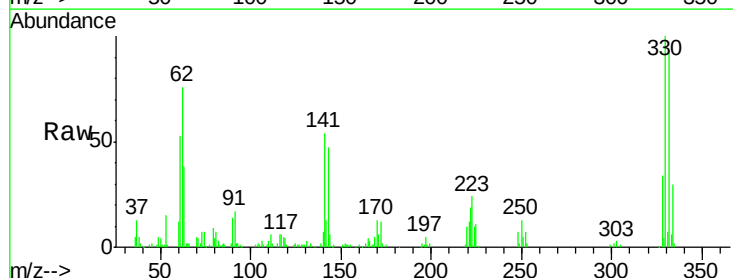
RT: 15.79 min Scan# 2229

Delta R.T. -0.00 min

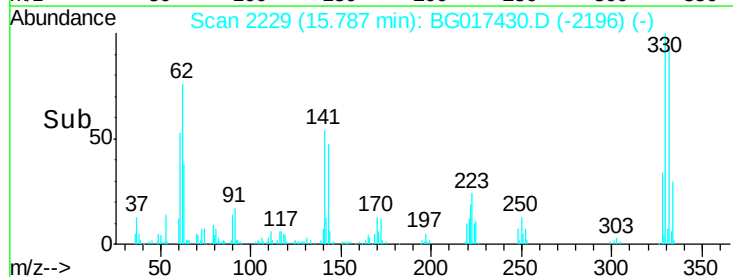
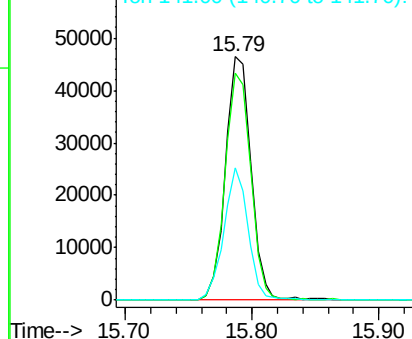
Lab File: BG017430.D

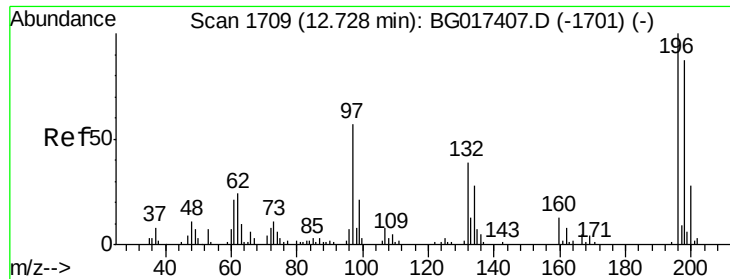
Acq: 4 Jun 2015 6:17

Tgt Ion:	330	Resp:	64854
Ion Ratio	Lower	Upper	
330	100		
332	94.0	75.9	113.9
141	51.5	40.2	60.4



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





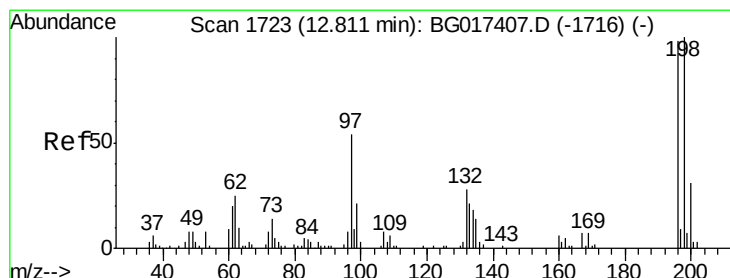
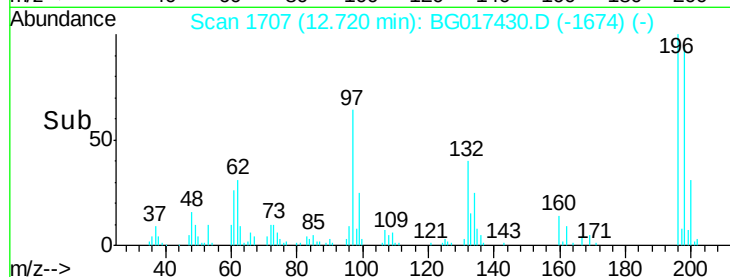
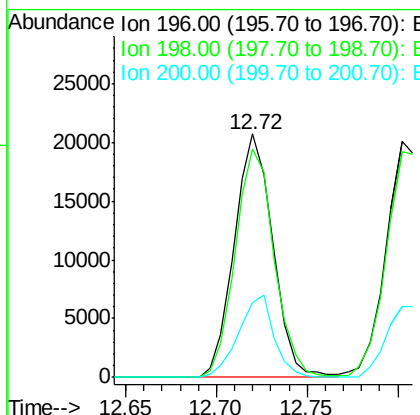
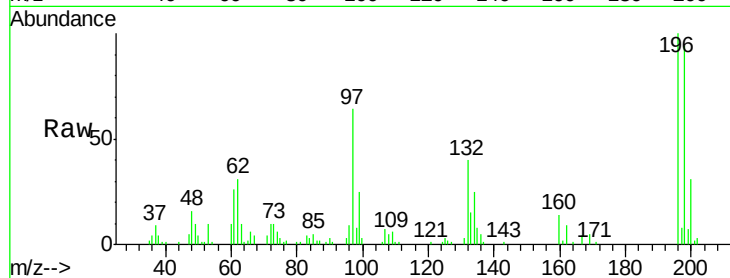
#42
2,4,6-Trichlorophenol
Concen: 28.65 ng
RT: 12.72 min Scan# 1707
Delta R.T. -0.00 min
Lab File: BG017430.D
Acq: 4 Jun 2015 6:17

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

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	30720		
198	93.5	69.9	104.9	
200	30.7	22.7	34.1	

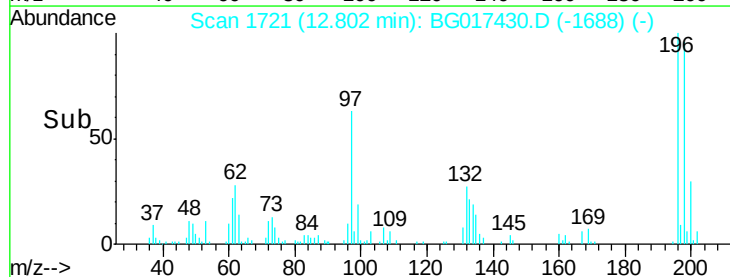
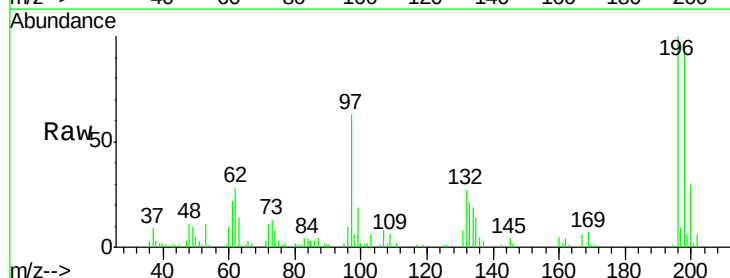
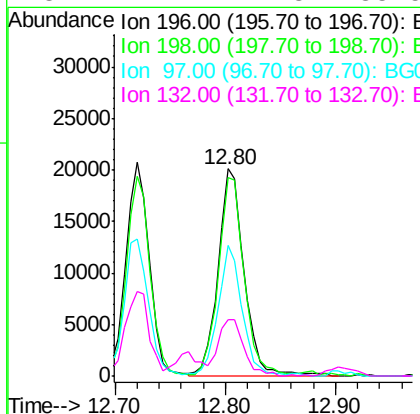
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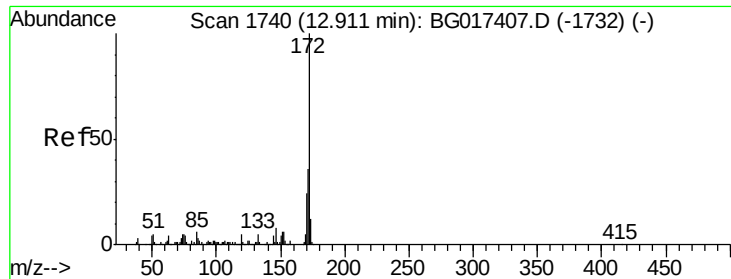
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#43
2,4,5-Trichlorophenol
Concen: 28.24 ng
RT: 12.80 min Scan# 1721
Delta R.T. -0.00 min
Lab File: BG017430.D
Acq: 4 Jun 2015 6:17

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	33167		
198	95.5	80.6	121.0	
97	63.3	43.2	64.8	
132	27.1	22.3	33.5	





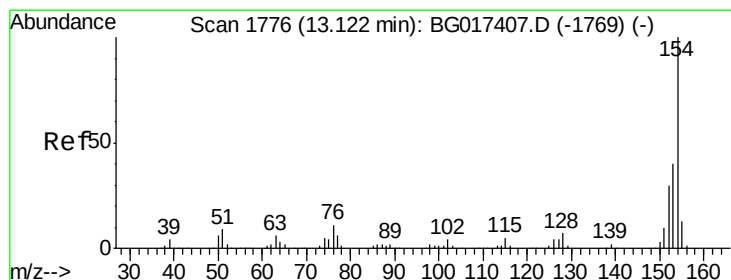
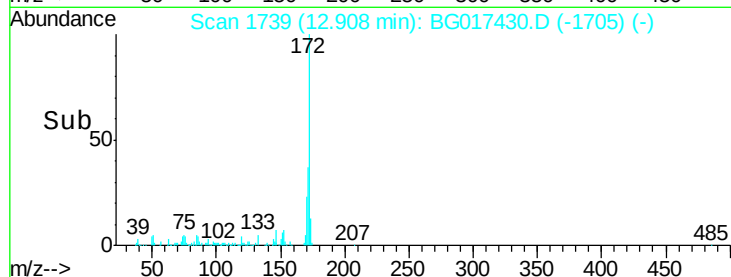
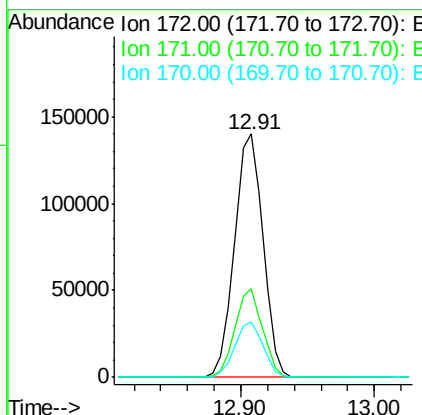
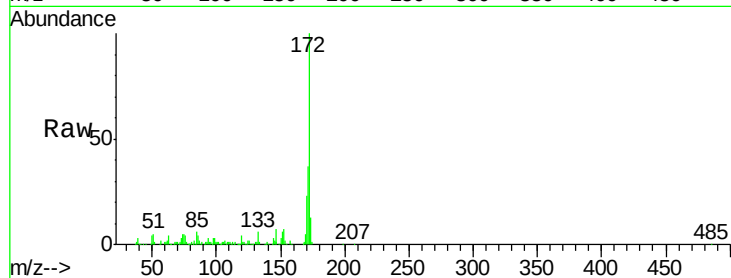
#44
2-Fluorobiphenyl
Concen: 63.56 ng
RT: 12.91 min Scan# 1739
Delta R.T. 0.00 min
Lab File: BG017430.D
Acq: 4 Jun 2015 6:17

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

Tgt Ion	Ratio	Resp Lower	Resp Upper
172	100		
171	36.6	29.0	43.6
170	22.8	18.9	28.3

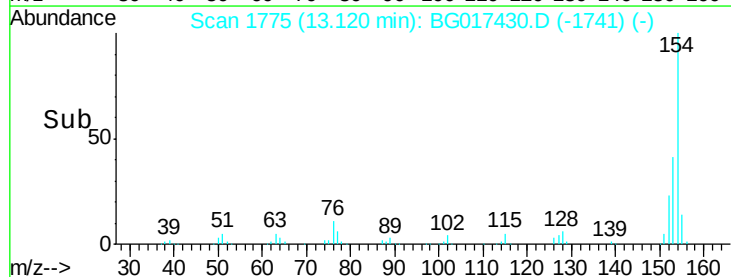
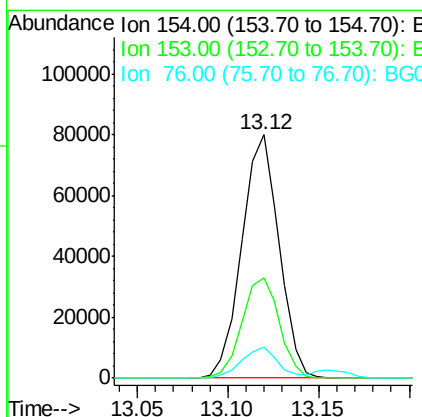
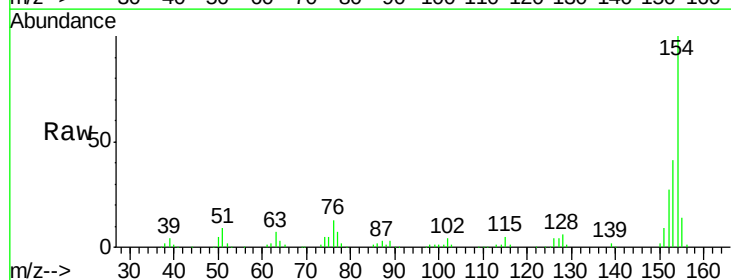
Manual Integrations
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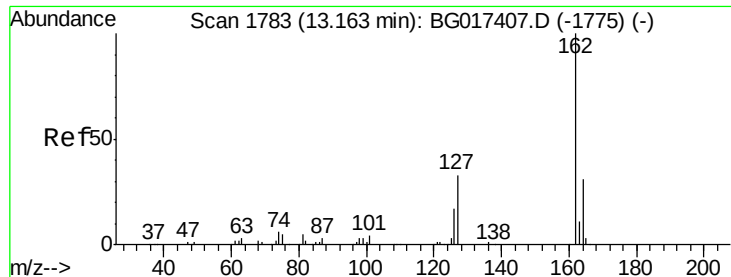
apatel
6/5/2015 8:12:44 AM



#45
1,1'-Biphenyl
Concen: 31.58 ng
RT: 13.12 min Scan# 1775
Delta R.T. 0.00 min
Lab File: BG017430.D
Acq: 4 Jun 2015 6:17

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	41.4	20.1	60.1
76	12.8	0.0	31.5





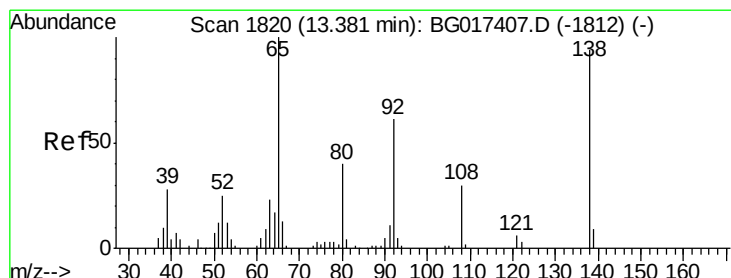
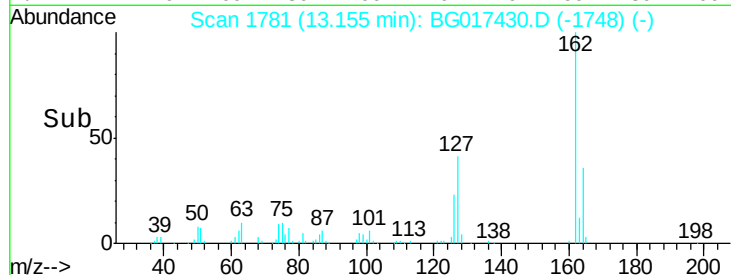
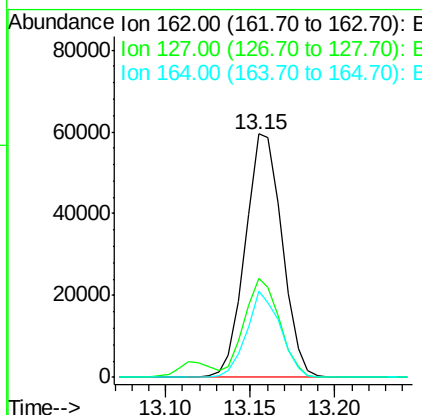
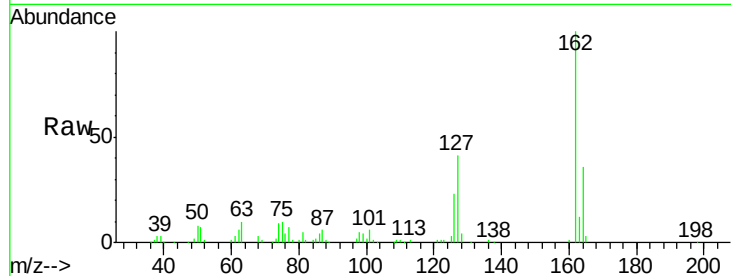
#46
2-Chloronaphthalene
Concen: 29.96 ng
RT: 13.15 min Scan# 1781
Delta R.T. -0.00 min
Lab File: BG017430.D
Acq: 4 Jun 2015 6:17

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

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
127	40.8	29.4	44.2
164	35.6	24.9	37.3

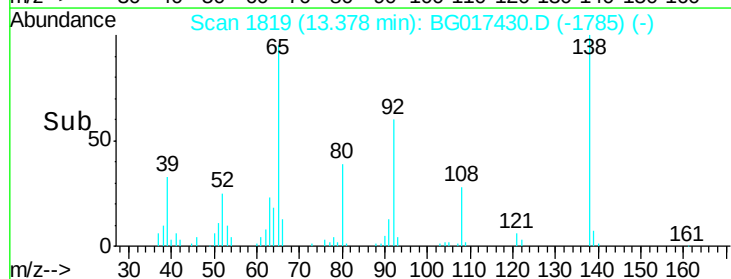
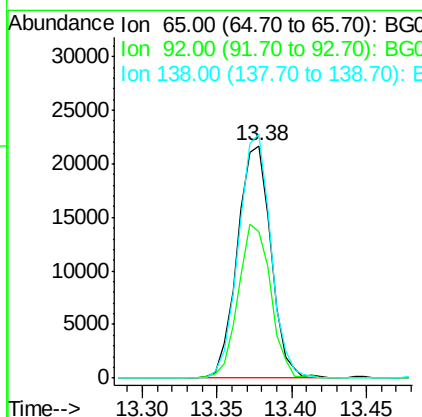
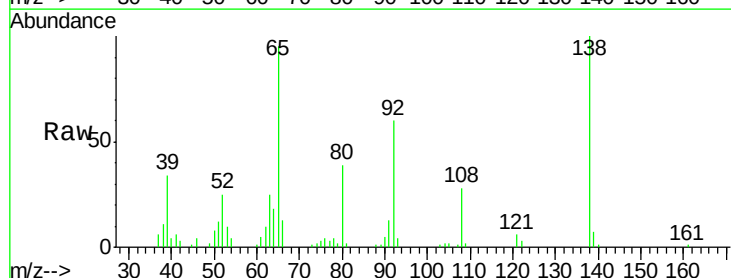
Manual Integrations
APPROVED

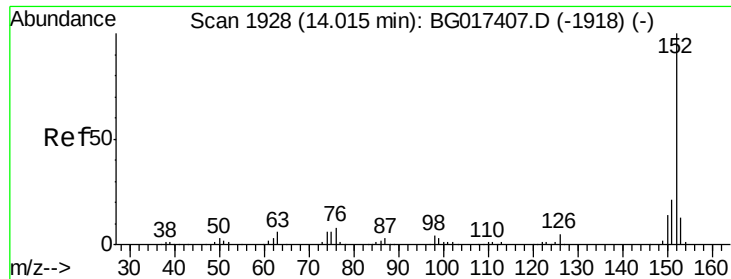
apatel
6/5/2015 8:12:44 AM



#47
2-Nitroaniline
Concen: 30.42 ng
RT: 13.38 min Scan# 1819
Delta R.T. 0.00 min
Lab File: BG017430.D
Acq: 4 Jun 2015 6:17

Tgt Ion	Ratio	Resp Lower	Resp Upper
65	100		
92	62.7	49.1	73.7
138	104.8	75.4	113.0





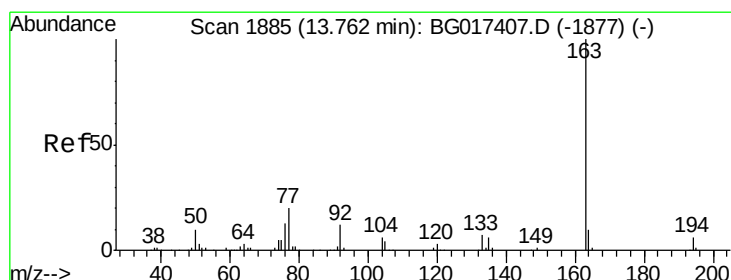
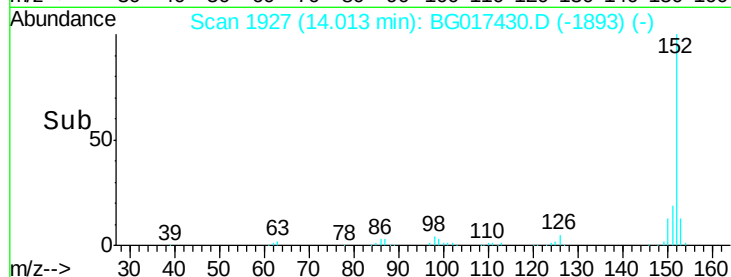
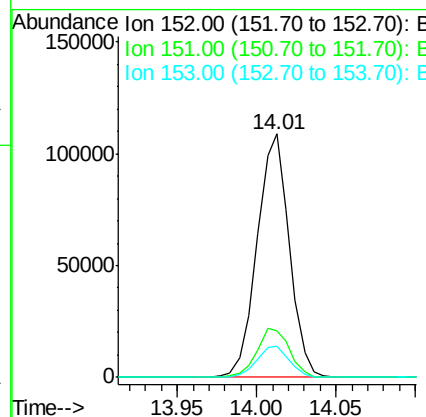
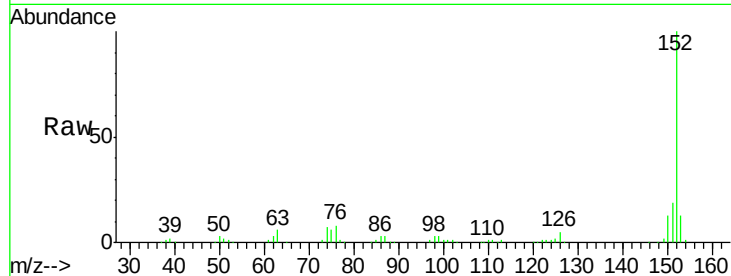
#48
Acenaphthylene
Concen: 29.00 ng
RT: 14.01 min Scan# 1927
Delta R.T. 0.00 min
Lab File: BG017430.D
Acq: 4 Jun 2015 6:17

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

Tgt Ion	Ratio	Resp Lower	Resp Upper
152	100		
151	19.0	16.5	24.7
153	12.9	10.7	16.1

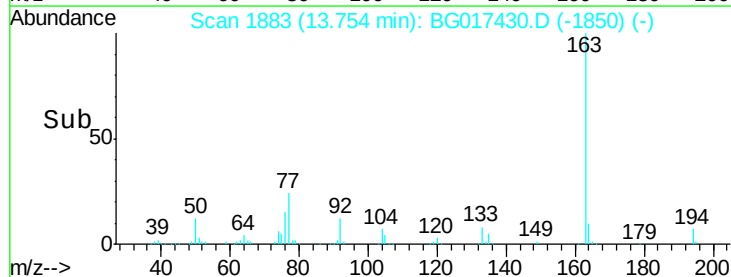
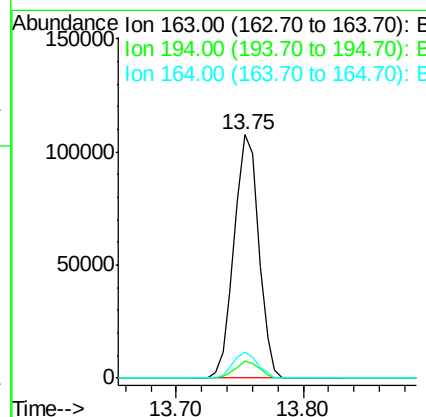
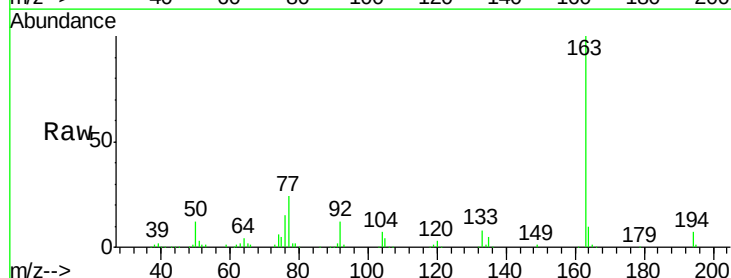
Manual Integrations
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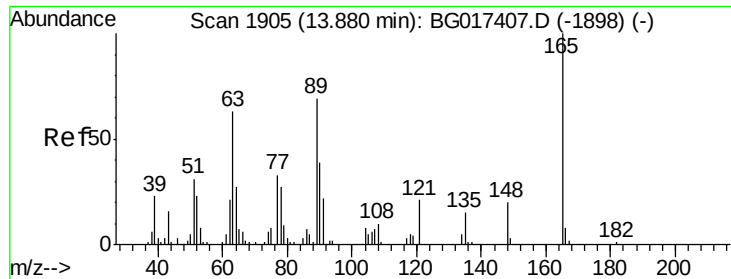
apatel
6/5/2015 8:12:44 AM



#49
Dimethylphthalate
Concen: 33.71 ng
RT: 13.75 min Scan# 1883
Delta R.T. -0.00 min
Lab File: BG017430.D
Acq: 4 Jun 2015 6:17

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	7.0	4.9	7.3
164	10.5	8.2	12.2





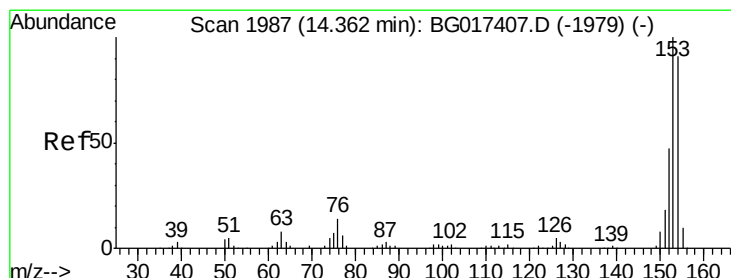
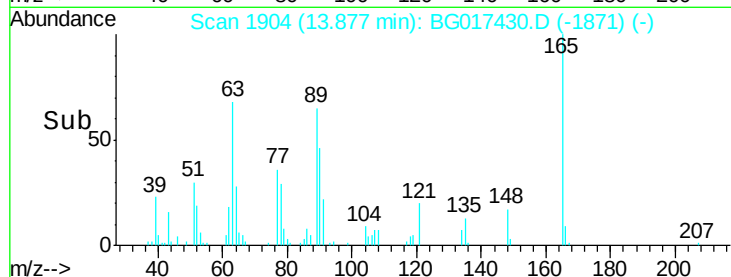
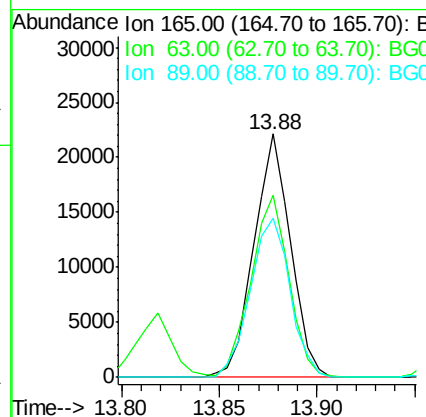
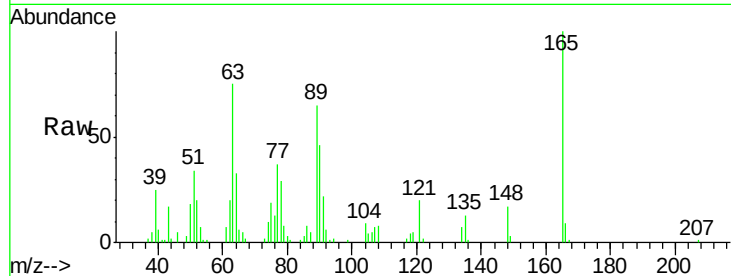
#50
2,6-Dinitrotoluene
Concen: 29.85 ng
RT: 13.88 min Scan# 1904
Delta R.T. -0.00 min
Lab File: BG017430.D
Acq: 4 Jun 2015 6:17

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

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	28727		
63	74.9	53.7	80.5	
89	65.1	55.4	83.2	

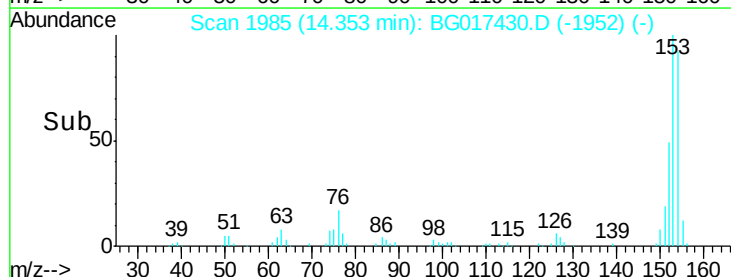
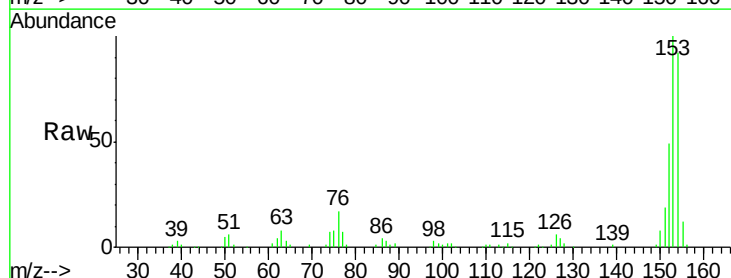
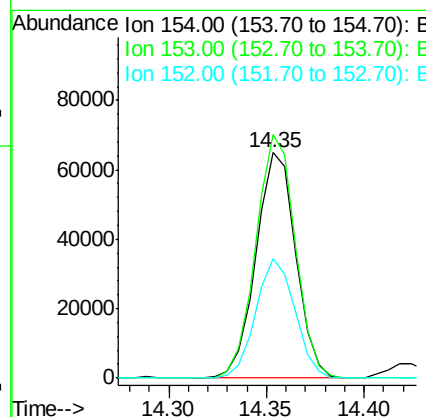
Manual Integrations
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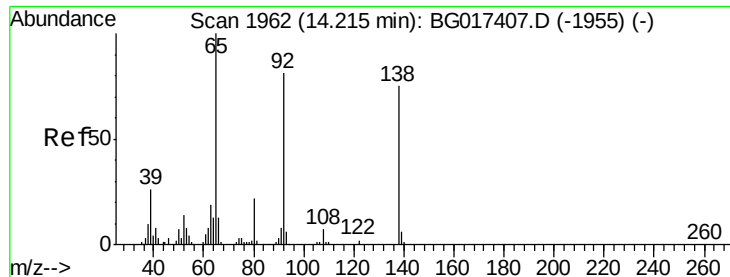
apatel
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#51
Acenaphthene
Concen: 29.23 ng
RT: 14.35 min Scan# 1985
Delta R.T. -0.00 min
Lab File: BG017430.D
Acq: 4 Jun 2015 6:17

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	91279		
153	108.1	87.7	131.5	
152	52.9	40.8	61.2	





#52

3-Nitroaniline

Concen: 25.11 ng

RT: 14.21 min Scan# 1960

Delta R.T. -0.00 min

Lab File: BG017430.D

Acq: 4 Jun 2015 6:17

Instrument :

BNA_G

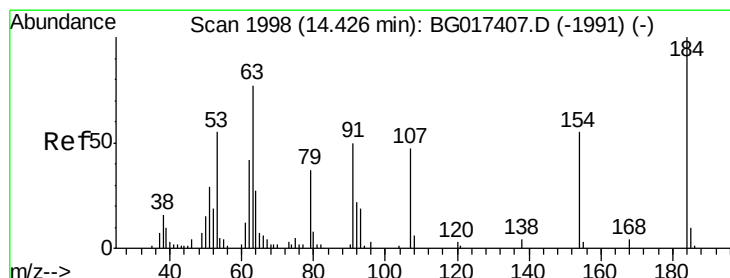
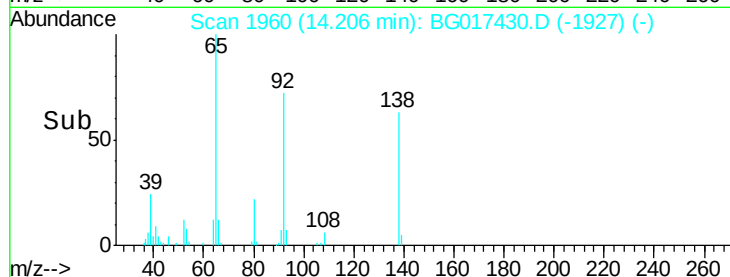
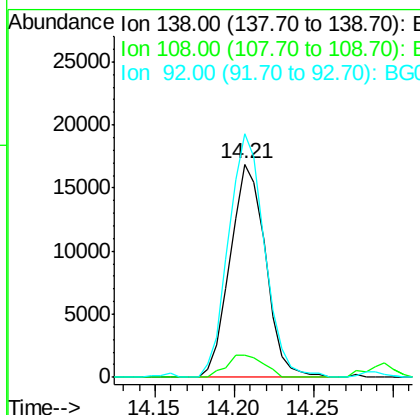
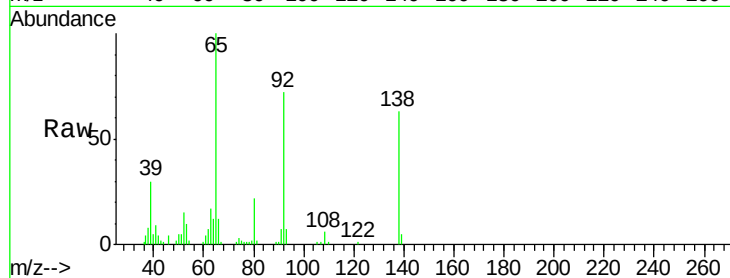
ClientSampleId :

PENRD8.1(4)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	26167		
108	10.3	7.5	11.3	
92	114.1	87.0	130.4	

Manual Integrations
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#53

2,4-Dinitrophenol

Concen: 21.49 ng

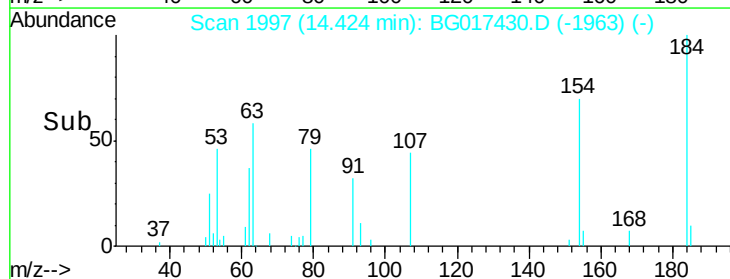
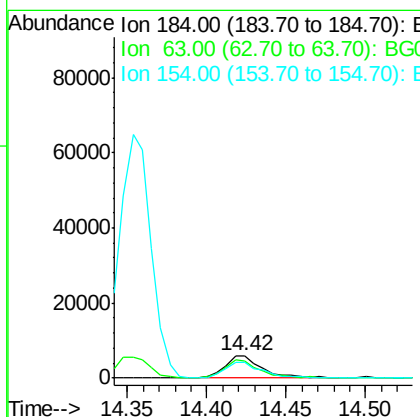
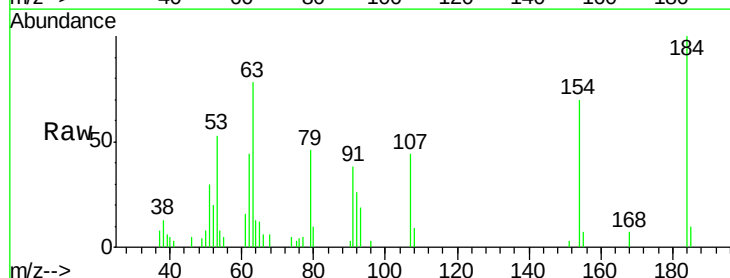
RT: 14.42 min Scan# 1997

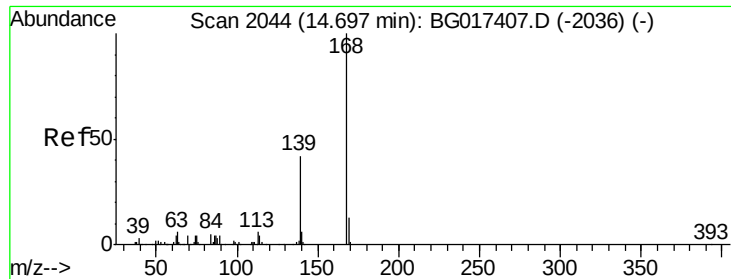
Delta R.T. 0.00 min

Lab File: BG017430.D

Acq: 4 Jun 2015 6:17

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	9578		
63	77.6	61.5	92.3	
154	70.1	53.8	80.8	





#54

Dibenzofuran

Concen: 30.50 ng

RT: 14.69 min Scan# 2043

Delta R.T. 0.00 min

Lab File: BG017430.D

Acq: 4 Jun 2015 6:17

Instrument :

BNA_G

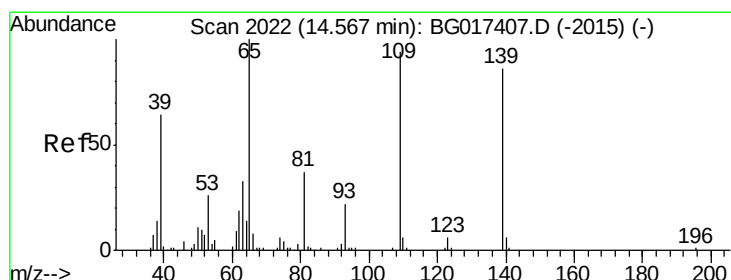
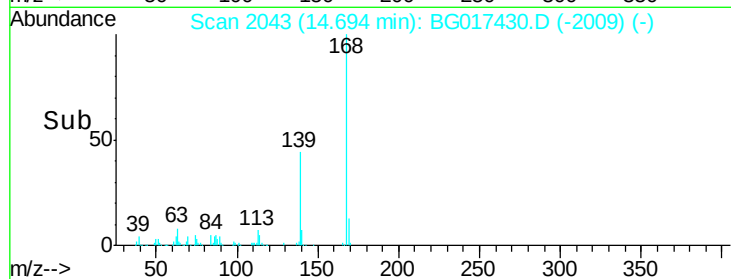
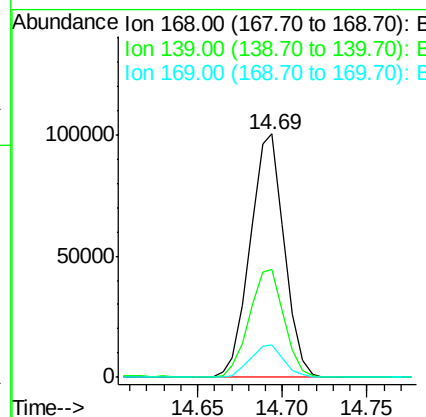
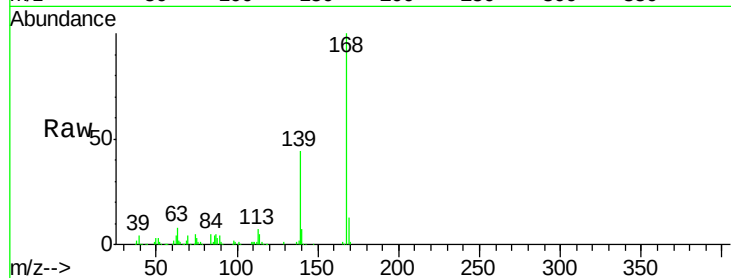
ClientSampleId :

PENRD8.1(4)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	140497		
139	44.3	33.2	49.8	
169	13.1	10.6	16.0	

Manual Integrations
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6/5/2015 8:12:44 AM



#55

4-Nitrophenol

Concen: 57.02 ng

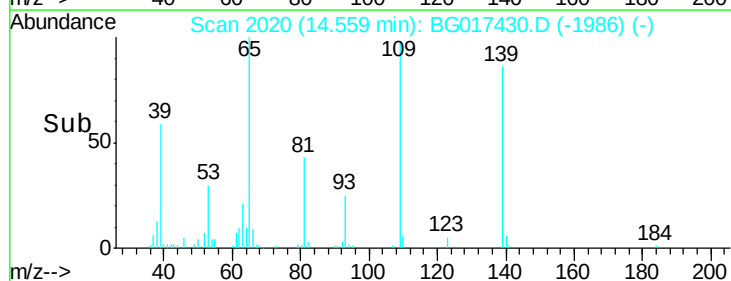
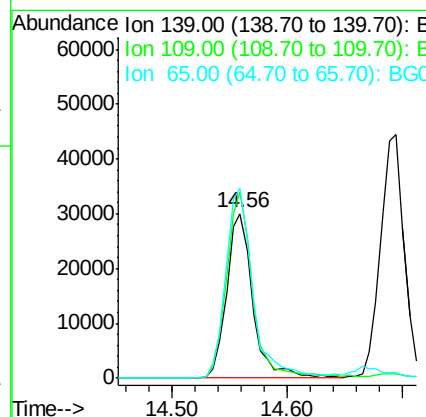
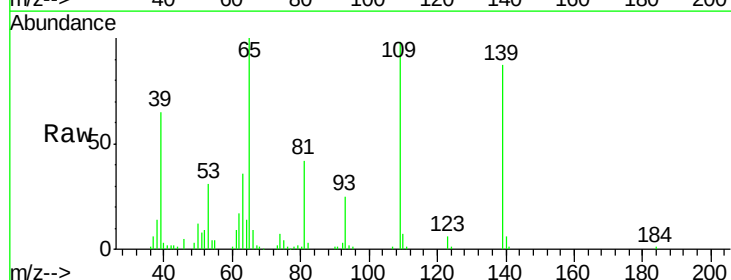
RT: 14.56 min Scan# 2020

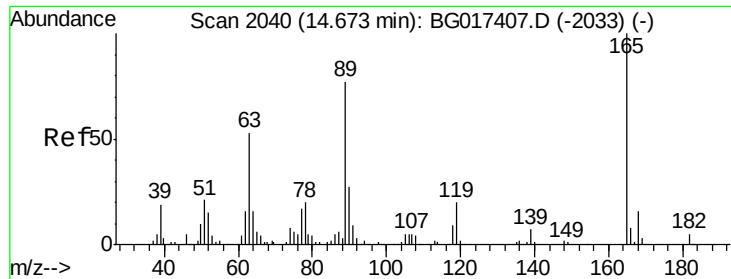
Delta R.T. 0.00 min

Lab File: BG017430.D

Acq: 4 Jun 2015 6:17

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	47221		
109	112.9	89.5	129.5	
65	115.1	95.9	135.9	





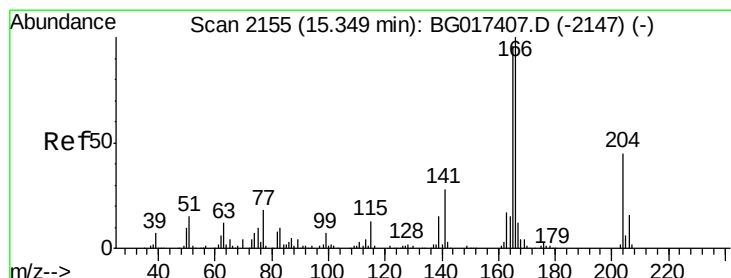
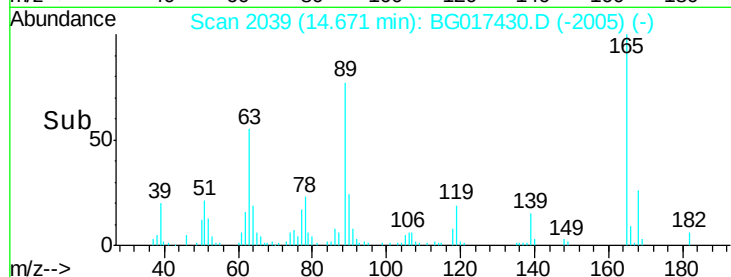
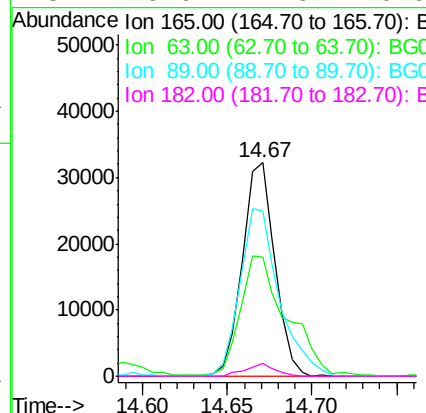
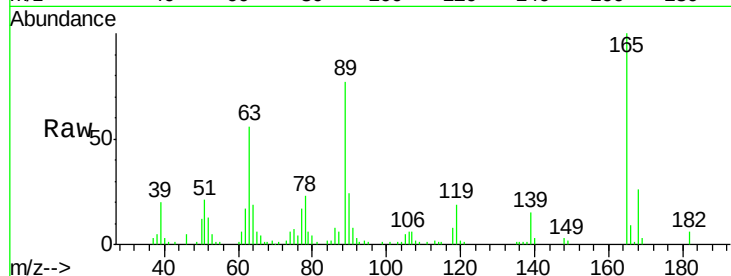
#56
2,4-Dinitrotoluene
Concen: 31.42 ng
RT: 14.67 min Scan# 2039
Delta R.T. 0.00 min
Lab File: BG017430.D
Acq: 4 Jun 2015 6:17

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

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
165	100		43067		
63	55.5	42.9	64.3		
89	77.2	61.5	92.3		
182	5.9	4.3	6.5		

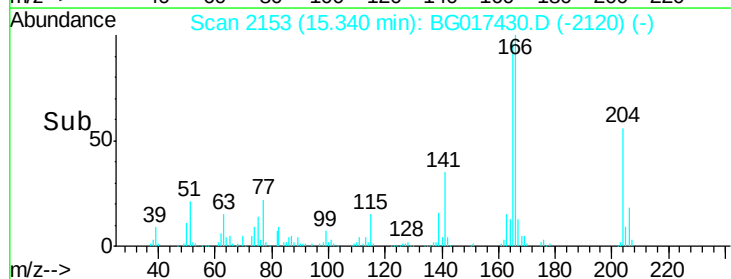
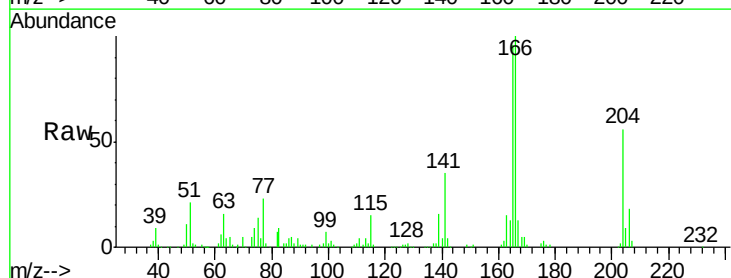
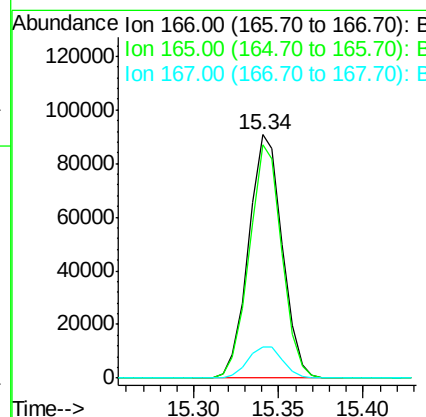
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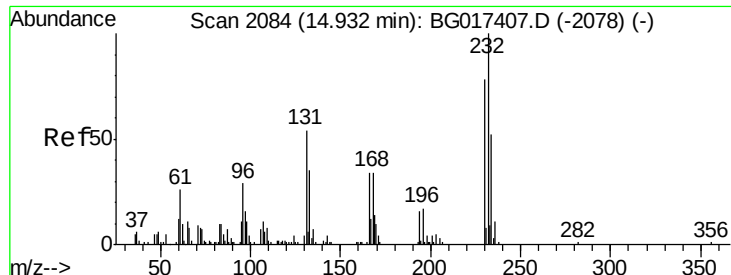
apatel
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#57
Fluorene
Concen: 30.06 ng
RT: 15.34 min Scan# 2153
Delta R.T. -0.00 min
Lab File: BG017430.D
Acq: 4 Jun 2015 6:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		125571		
165	96.0	76.8	115.2		
167	12.9	9.9	14.9		





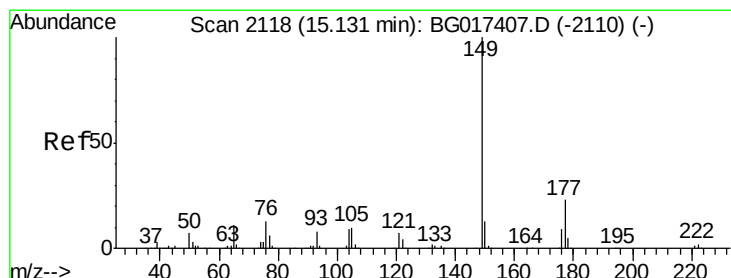
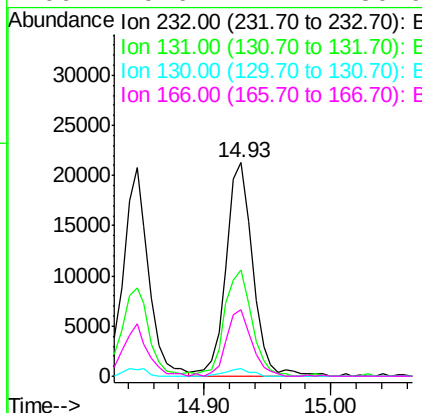
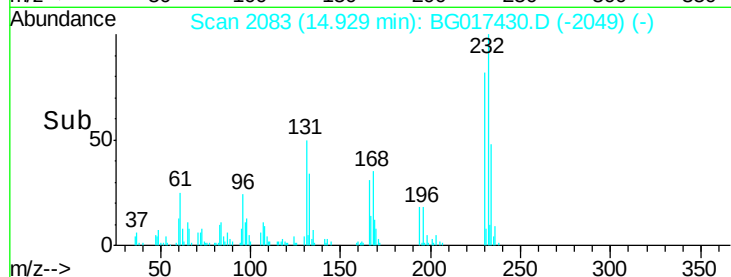
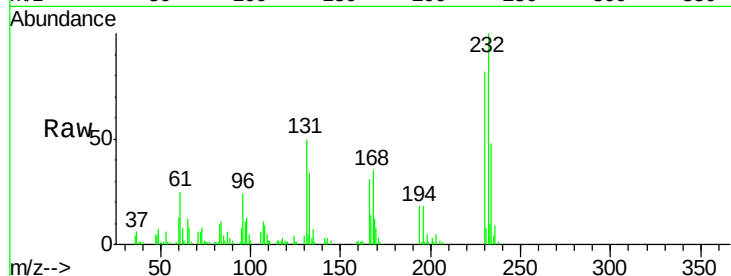
#58
2,3,4,6-Tetrachlorophenol
Concen: 28.96 ng
RT: 14.93 min Scan# 2083
Delta R.T. 0.00 min
Lab File: BG017430.D
Acq: 4 Jun 2015 6:17

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

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	31021		
131	51.4	40.1	60.1	
130	3.6	2.6	4.0	
166	29.6	24.4	36.6	

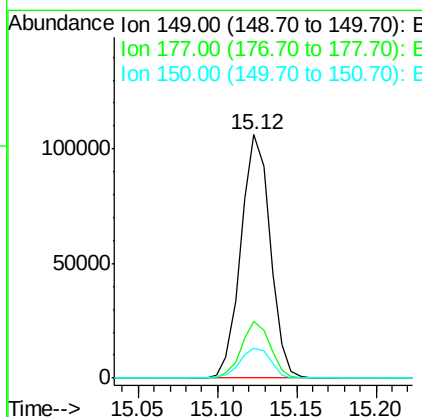
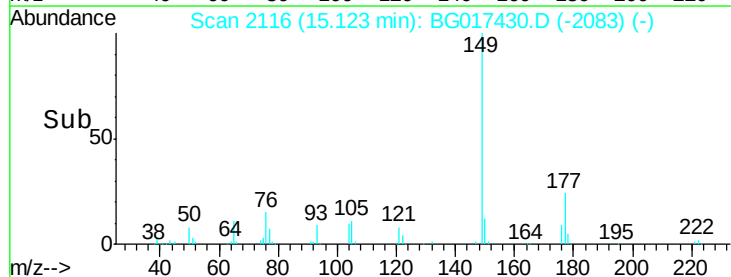
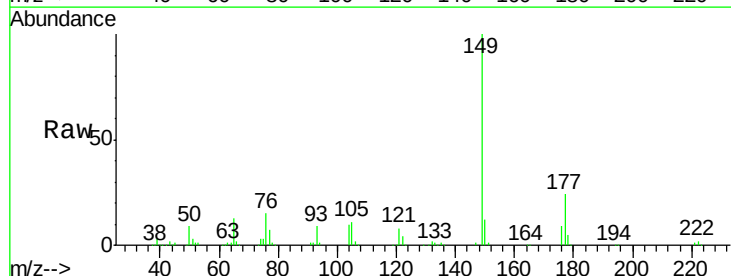
Manual Integrations
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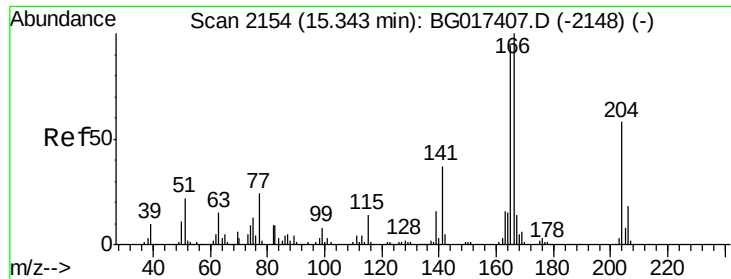
apatel
6/5/2015 8:12:44 AM



#59
Diethylphthalate
Concen: 29.24 ng
RT: 15.12 min Scan# 2116
Delta R.T. -0.00 min
Lab File: BG017430.D
Acq: 4 Jun 2015 6:17

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	135930		
177	23.5	18.3	27.5	
150	12.0	10.6	16.0	





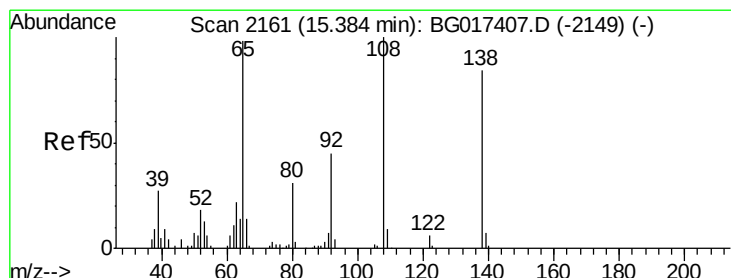
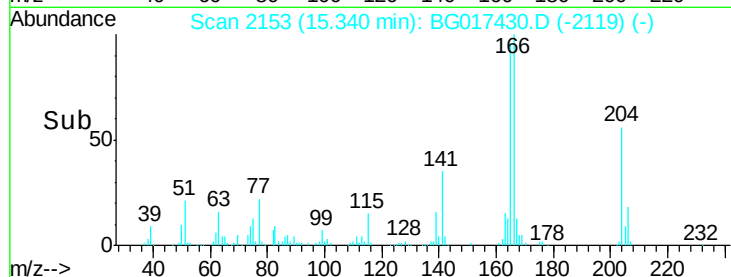
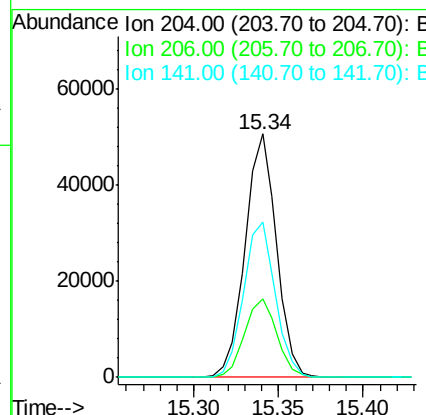
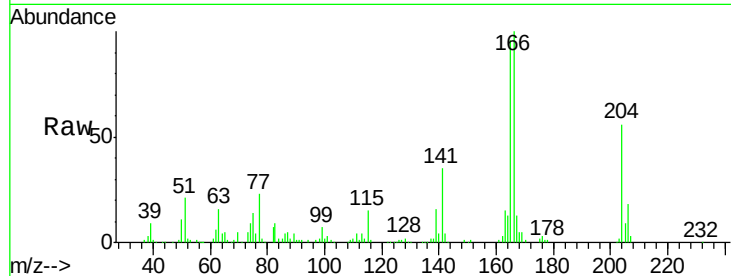
#60
4-Chlorophenyl-phenylether
Concen: 30.85 ng
RT: 15.34 min Scan# 2153
Delta R.T. 0.00 min
Lab File: BG017430.D
Acq: 4 Jun 2015 6:17

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

Tgt Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	32.4	25.0	37.4
141	63.6	50.9	76.3

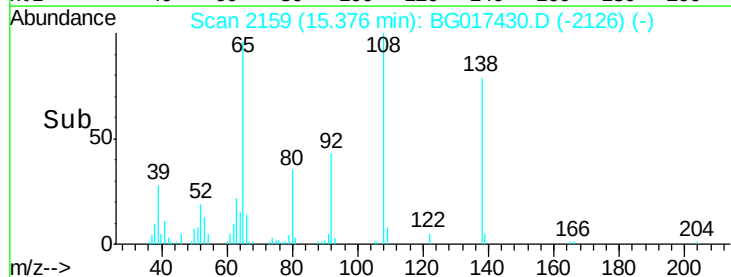
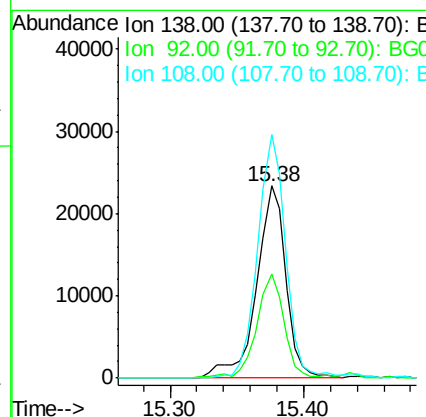
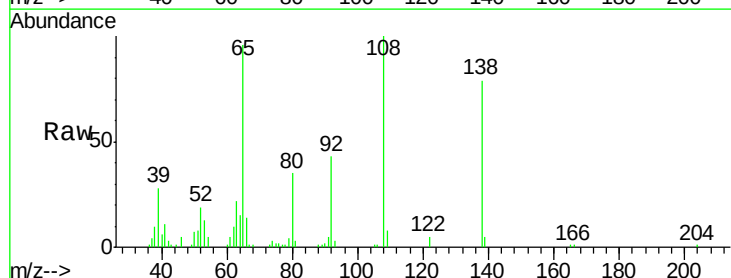
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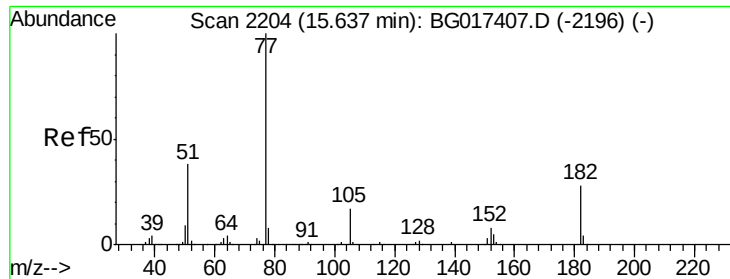
apatel
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#61
4-Nitroaniline
Concen: 30.66 ng
RT: 15.38 min Scan# 2159
Delta R.T. -0.00 min
Lab File: BG017430.D
Acq: 4 Jun 2015 6:17

Tgt Ion	Ratio	Resp Lower	Resp Upper
138	100		
92	54.4	33.7	73.7
108	127.0	98.7	138.7





#62

Azobenzene

Concen: 31.16 ng

RT: 15.63 min Scan# 2203

Delta R.T. 0.00 min

Lab File: BG017430.D

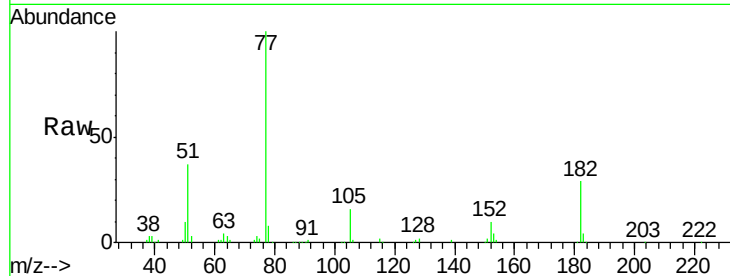
Acq: 4 Jun 2015 6:17

Instrument :

BNA_G

ClientSampleId :

PENRD8.1(4)MSD



Tgt Ion: 77 Resp: 137664

Ion Ratio Lower Upper

77 100

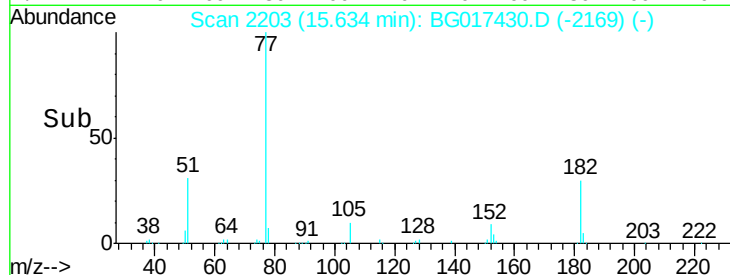
182 29.0 8.0 48.0

105 15.7 0.0 36.9

51 37.4 18.1 58.1

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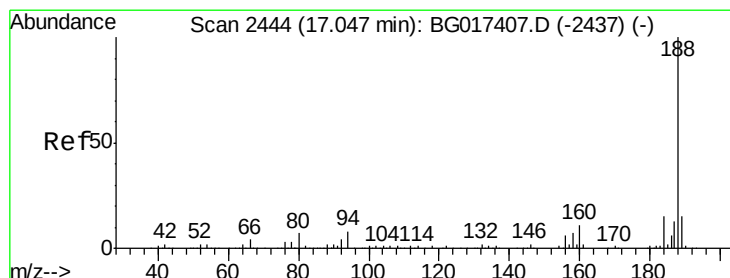
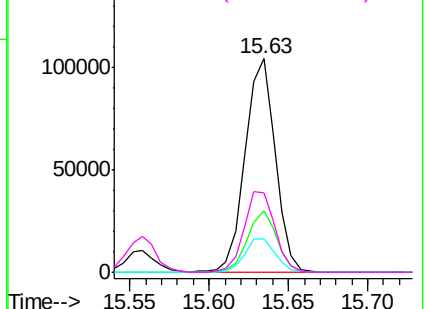


Abundance Ion 77.00 (76.70 to 77.70): BGC

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# 2442

Delta R.T. -0.00 min

Lab File: BG017430.D

Acq: 4 Jun 2015 6:17

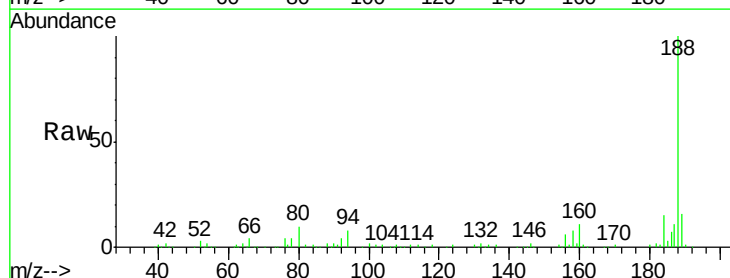
Tgt Ion: 188 Resp: 120222

Ion Ratio Lower Upper

188 100

94 7.7 6.3 9.5

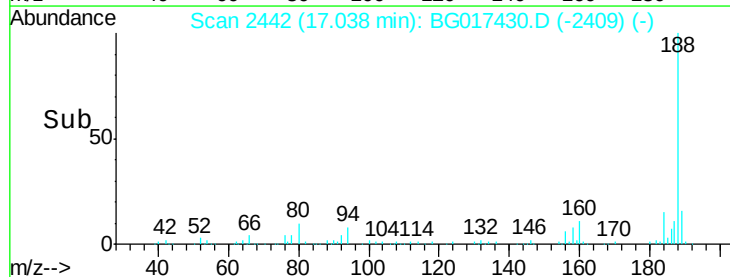
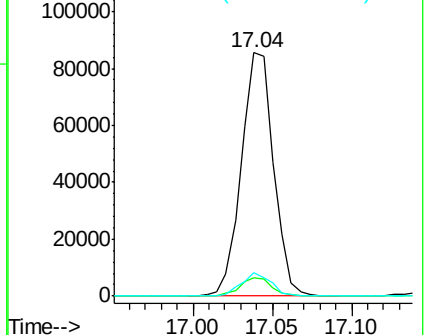
80 9.7 5.2 7.8

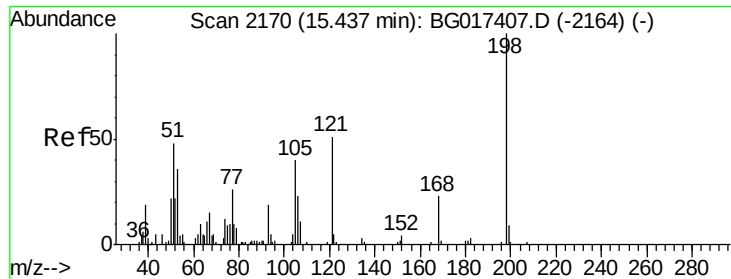


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





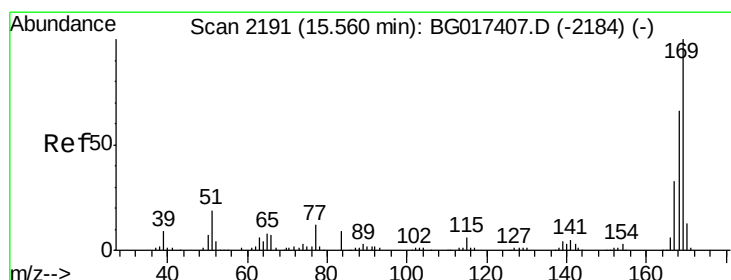
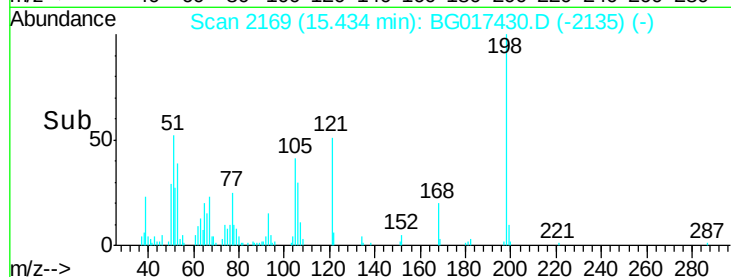
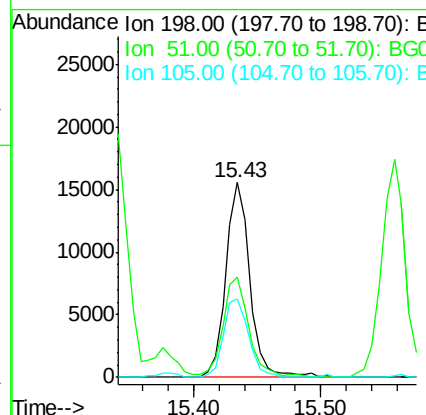
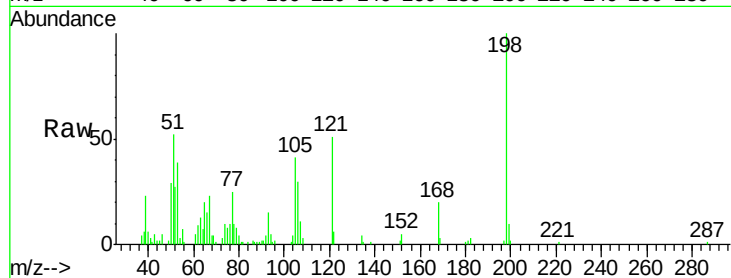
#64
 4,6-Dinitro-2-methylphenol
 Concen: 22.95 ng
 RT: 15.43 min Scan# 2169
 Delta R.T. 0.00 min
 Lab File: BG017430.D
 Acq: 4 Jun 2015 6:17

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

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	20456		
51	51.5	30.3	70.3	
105	40.5	20.8	60.8	

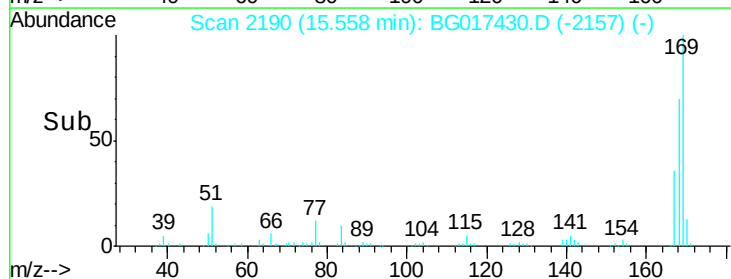
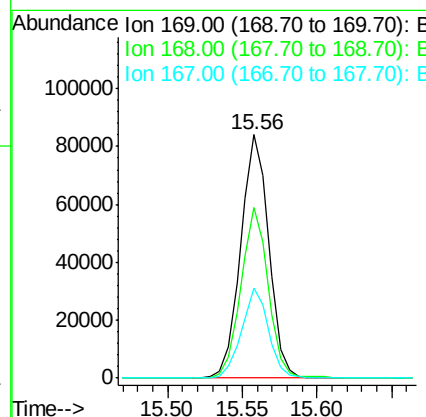
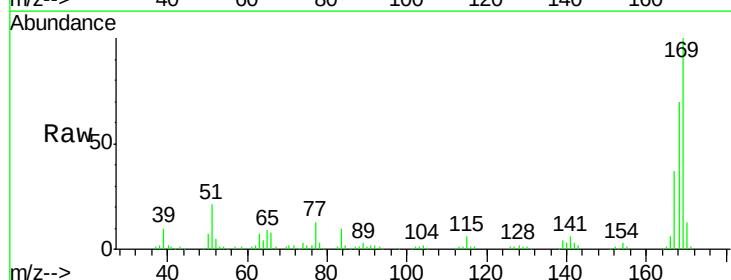
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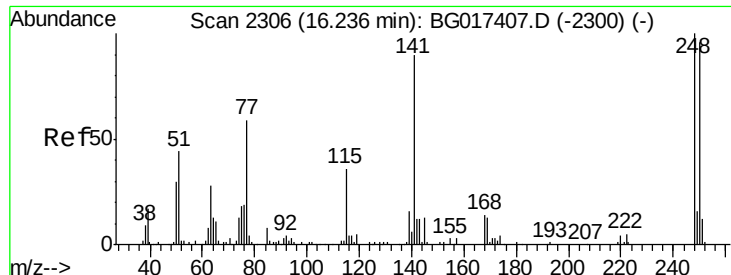
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#65
 n-Nitrosodiphenylamine
 Concen: 30.66 ng
 RT: 15.56 min Scan# 2190
 Delta R.T. -0.00 min
 Lab File: BG017430.D
 Acq: 4 Jun 2015 6:17

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	109928		
168	70.0	52.4	78.6	
167	36.8	26.3	39.5	





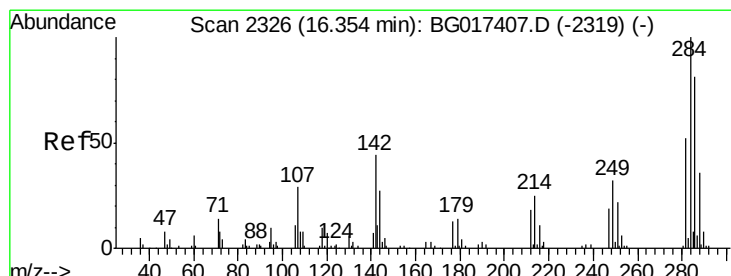
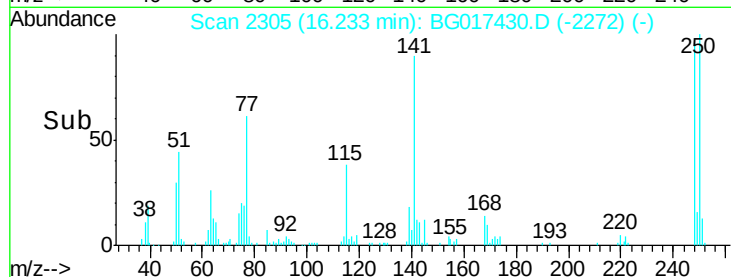
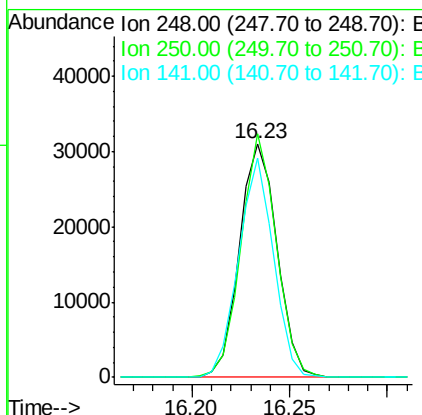
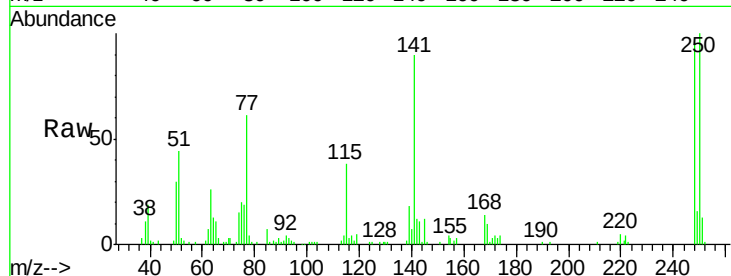
#66
 4-Bromophenyl-phenylether
 Concen: 30.92 ng
 RT: 16.23 min Scan# 2305
 Delta R.T. -0.00 min
 Lab File: BG017430.D
 Acq: 4 Jun 2015 6:17

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

Tgt Ion	Ratio	Lower	Upper
248	100		
250	104.1	76.9	115.3
141	93.9	71.8	107.6

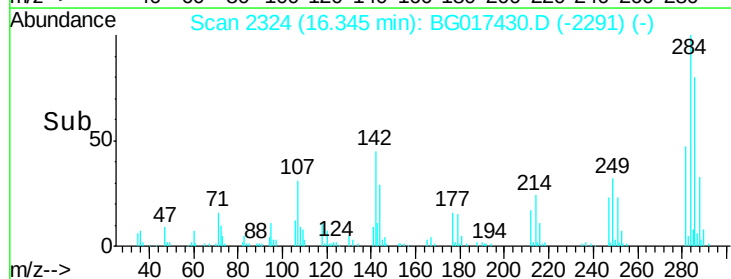
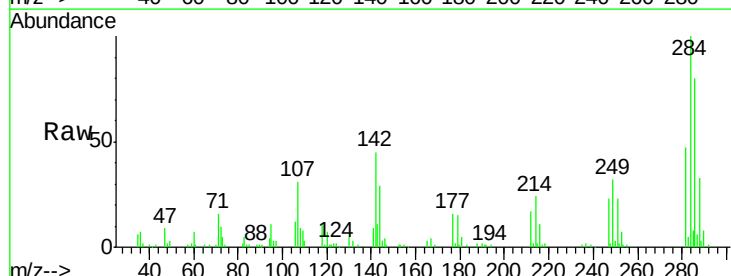
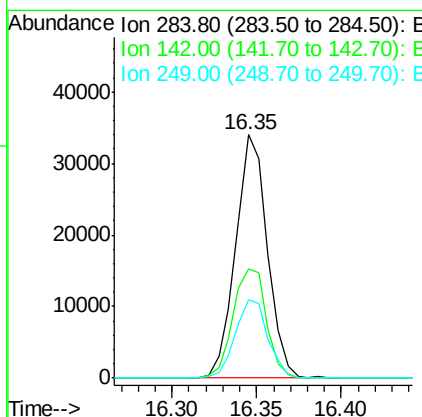
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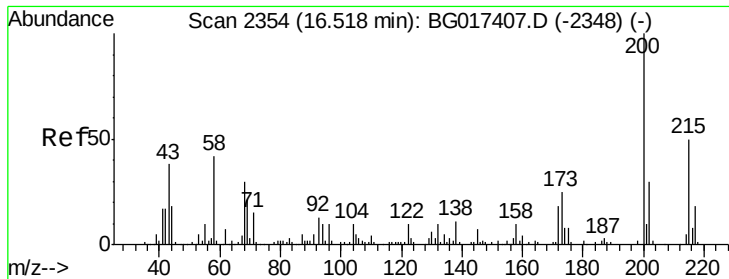
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#67
 Hexachlorobenzene
 Concen: 30.91 ng
 RT: 16.35 min Scan# 2324
 Delta R.T. -0.00 min
 Lab File: BG017430.D
 Acq: 4 Jun 2015 6:17

Tgt Ion	Ratio	Lower	Upper
284	100		
142	44.8	35.2	52.8
249	32.4	25.9	38.9





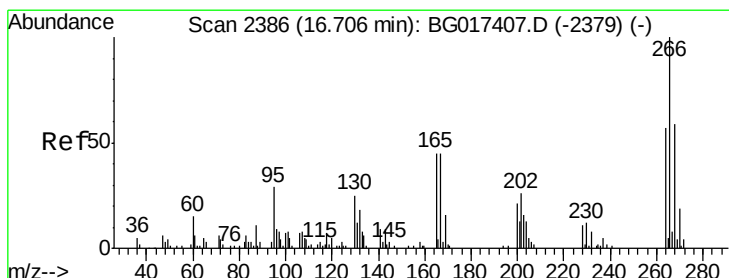
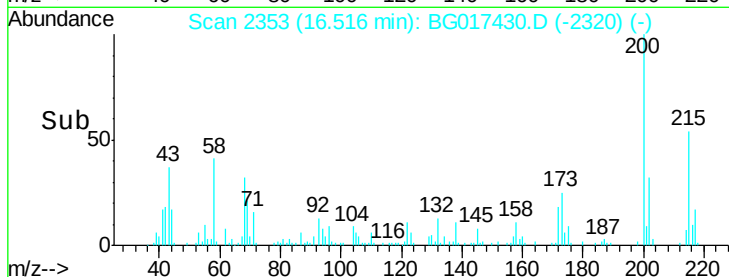
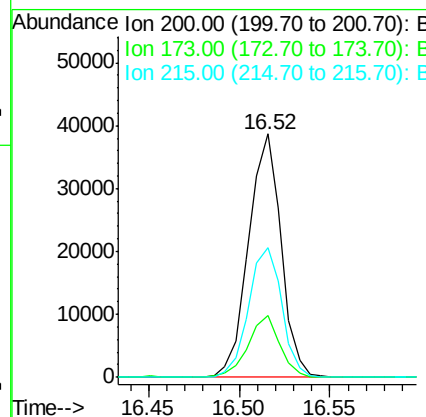
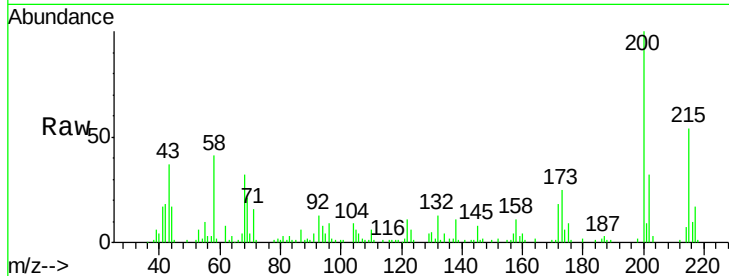
#68
 Atrazine
 Concen: 30.49 ng
 RT: 16.52 min Scan# 2353
 Delta R.T. -0.00 min
 Lab File: BG017430.D
 Acq: 4 Jun 2015 6:17

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

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	25.4	4.9	44.9
215	53.5	30.1	70.1

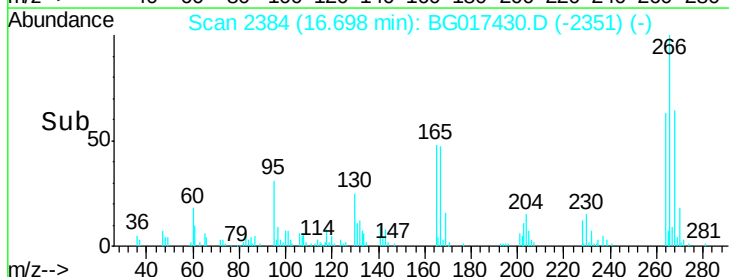
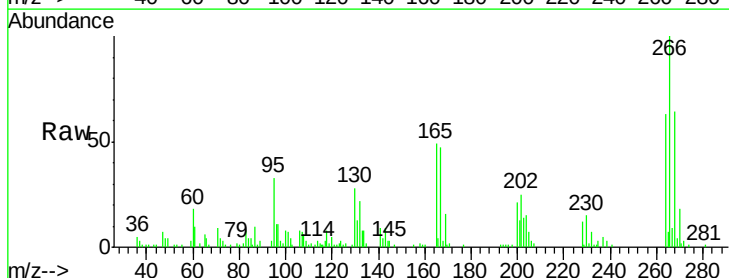
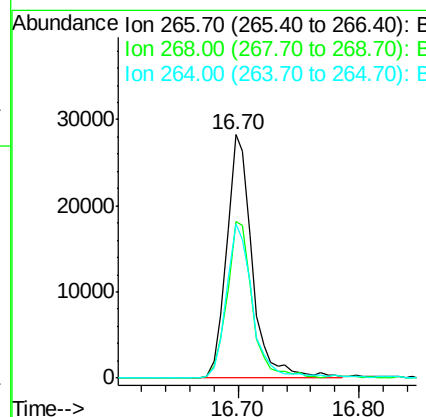
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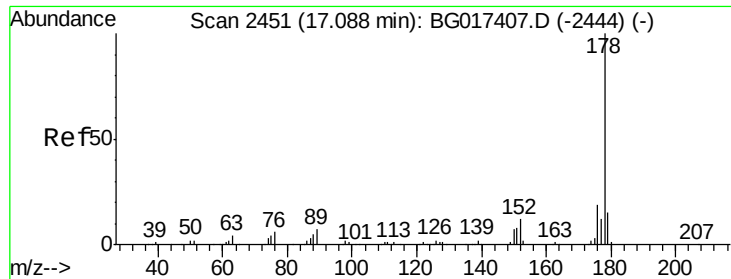
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#69
 Pentachlorophenol
 Concen: 49.55 ng
 RT: 16.70 min Scan# 2384
 Delta R.T. -0.00 min
 Lab File: BG017430.D
 Acq: 4 Jun 2015 6:17

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	64.1	47.0	70.6
264	63.2	45.7	68.5





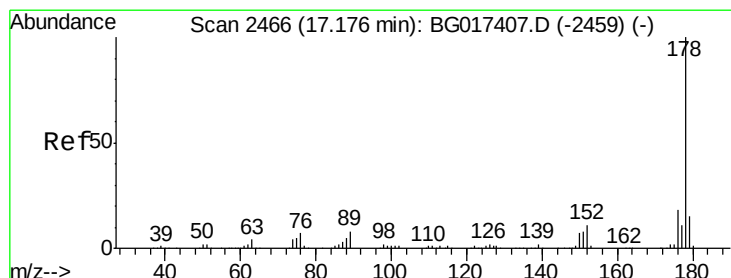
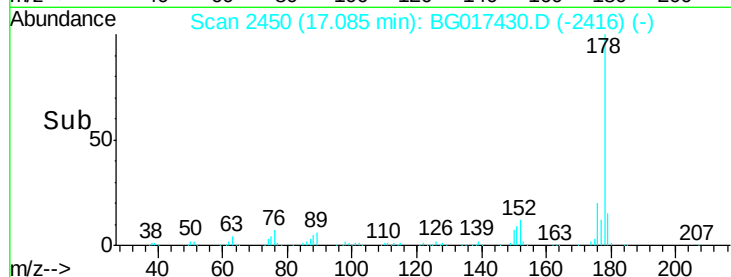
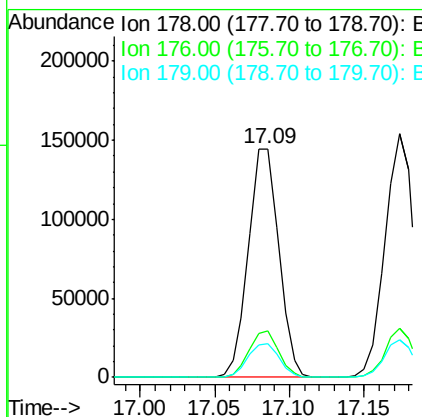
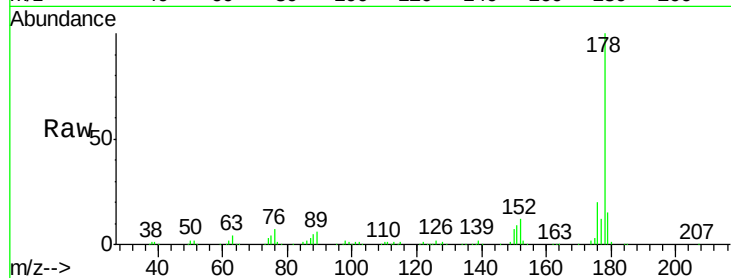
#70
Phenanthrene
Concen: 30.50 ng
RT: 17.09 min Scan# 2450
Delta R.T. 0.00 min
Lab File: BG017430.D
Acq: 4 Jun 2015 6:17

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

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.6	23.4
179	14.5	12.2	18.2

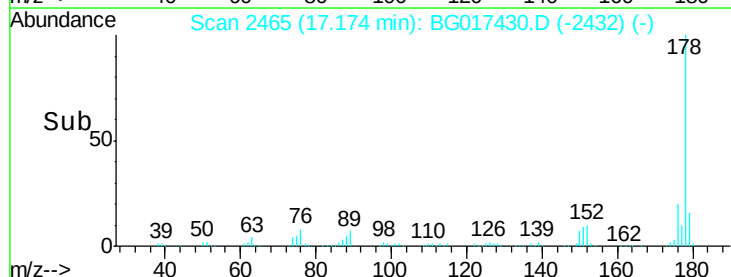
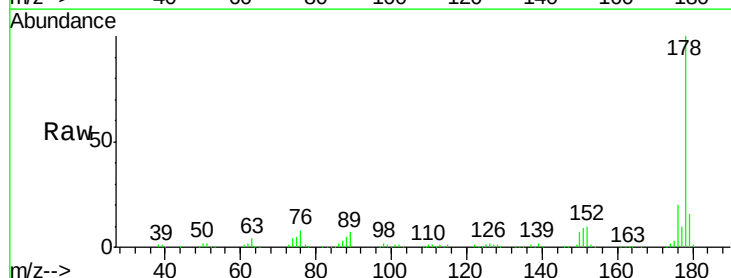
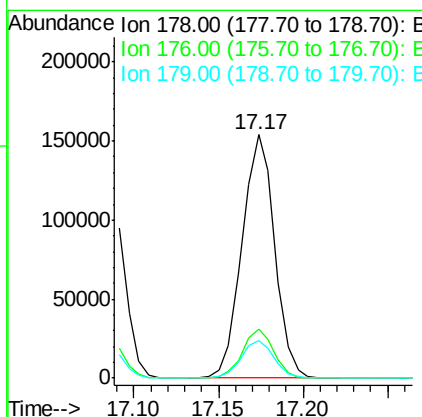
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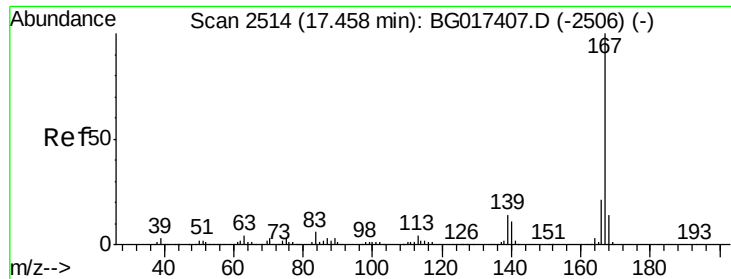
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#71
Anthracene
Concen: 30.84 ng
RT: 17.17 min Scan# 2465
Delta R.T. -0.00 min
Lab File: BG017430.D
Acq: 4 Jun 2015 6:17

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	14.2	21.2
179	15.6	12.2	18.4





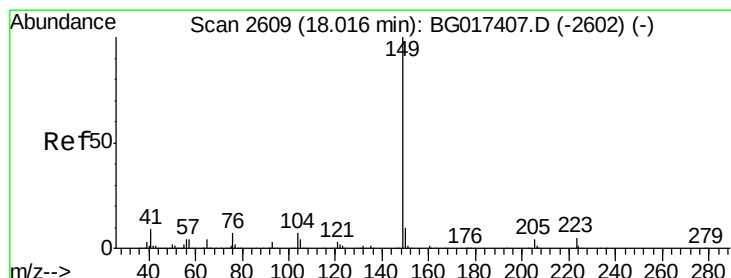
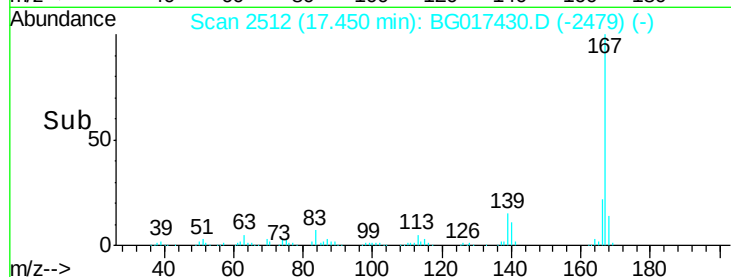
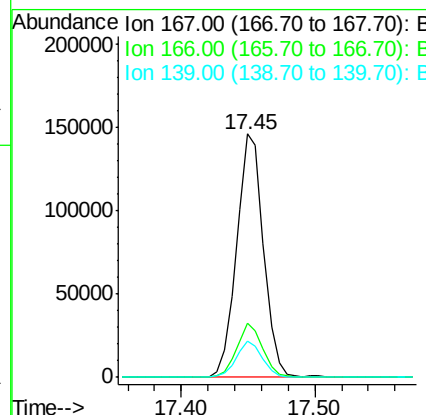
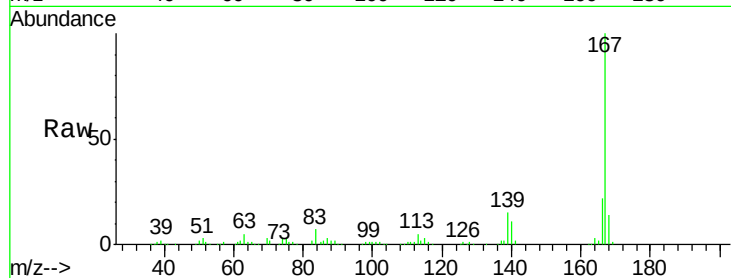
#72
 Carbazole
 Concen: 30.98 ng
 RT: 17.45 min Scan# 2512
 Delta R.T. -0.00 min
 Lab File: BG017430.D
 Acq: 4 Jun 2015 6:17

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

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	204840		
166	22.1	17.0	25.4	
139	15.1	11.3	16.9	

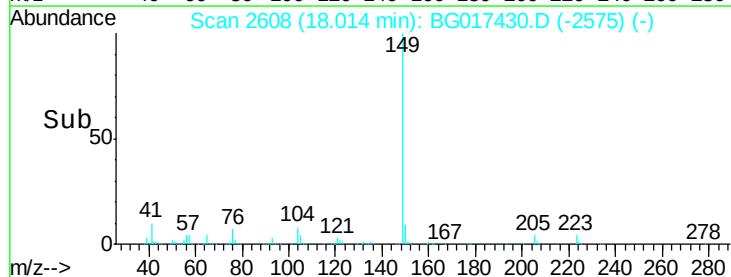
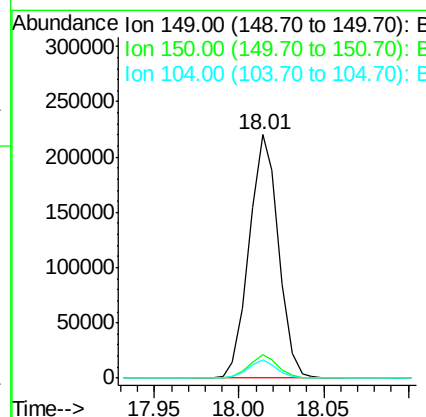
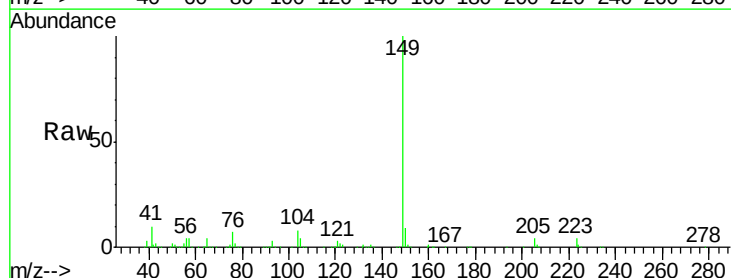
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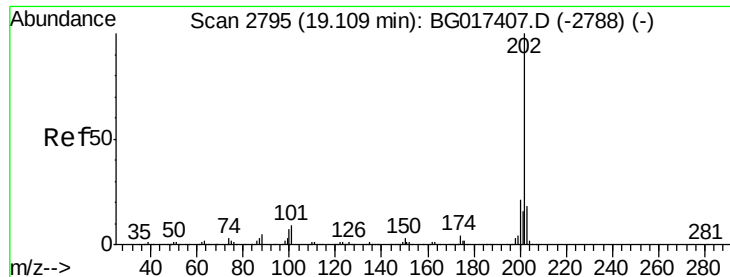
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#73
 Di-n-butylphthalate
 Concen: 31.45 ng
 RT: 18.01 min Scan# 2608
 Delta R.T. -0.00 min
 Lab File: BG017430.D
 Acq: 4 Jun 2015 6:17

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	266260		
150	9.4	7.6	11.4	
104	7.6	5.4	8.2	





#74

Fluoranthene

Concen: 31.72 ng

RT: 19.11 min Scan# 2794

Delta R.T. -0.00 min

Lab File: BG017430.D

Acq: 4 Jun 2015 6:17

Instrument :

BNA_G

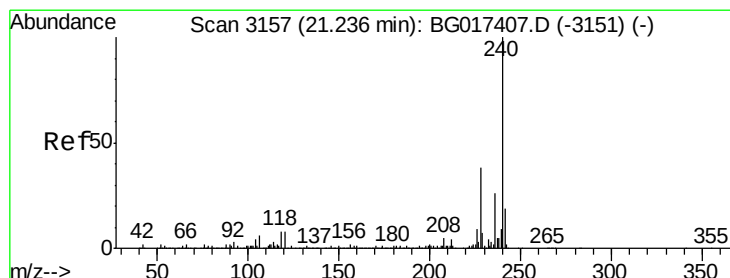
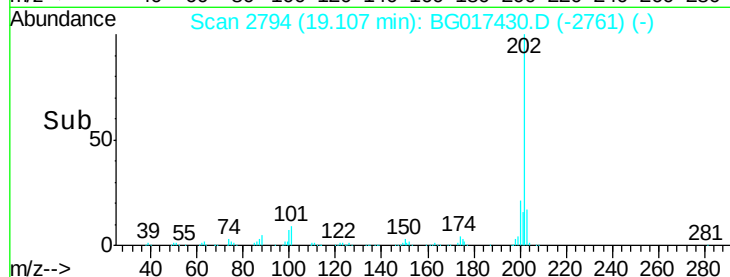
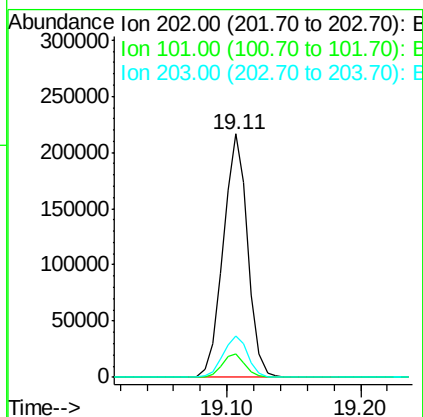
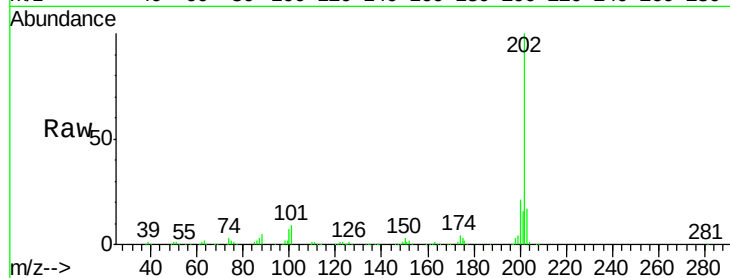
ClientSampleId :

PENRD8.1(4)MSD

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		278073		
101	9.4	0.0	28.8		
203	17.1	0.0	37.6		

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#75

Chrysene-d12

Concen: 20.00 ng

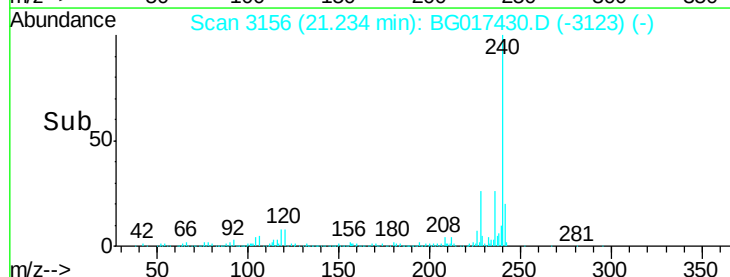
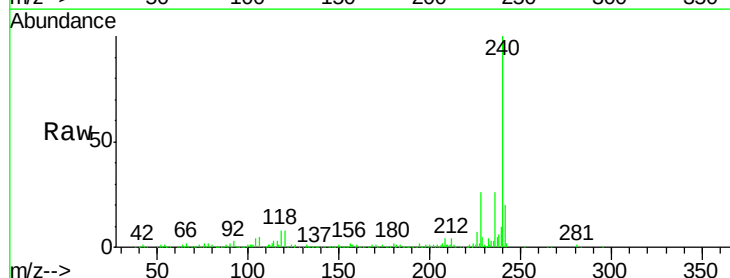
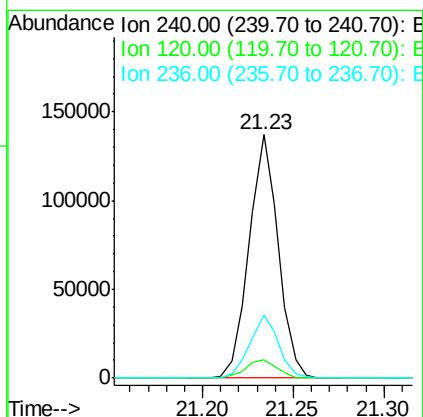
RT: 21.23 min Scan# 3156

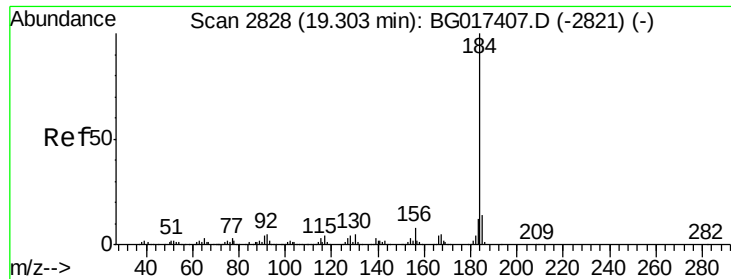
Delta R.T. -0.00 min

Lab File: BG017430.D

Acq: 4 Jun 2015 6:17

Tgt	Ion	Ratio	Resp	Lower	Upper
240	100		152955		
120	7.7	6.5	9.7		
236	25.9	20.8	31.2		





#76

Benzidine

Concen: 15.43 ng

RT: 19.30 min Scan# 2827

Delta R.T. 0.00 min

Lab File: BG017430.D

Acq: 4 Jun 2015 6:17

Instrument :

BNA_G

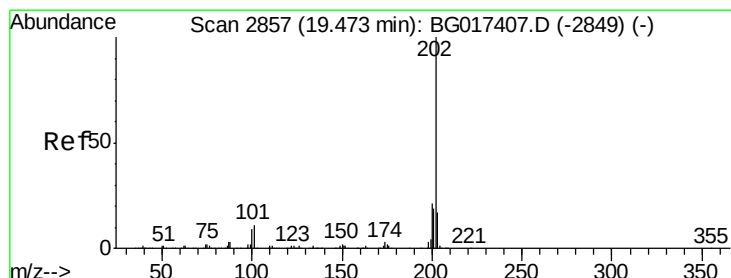
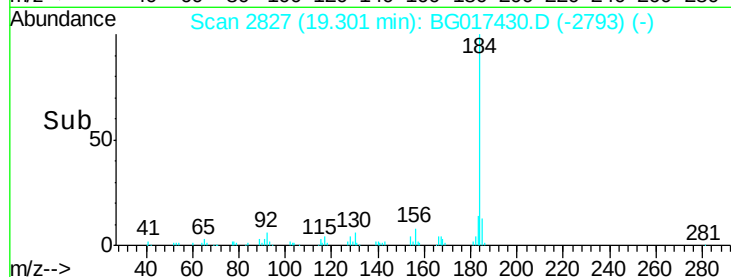
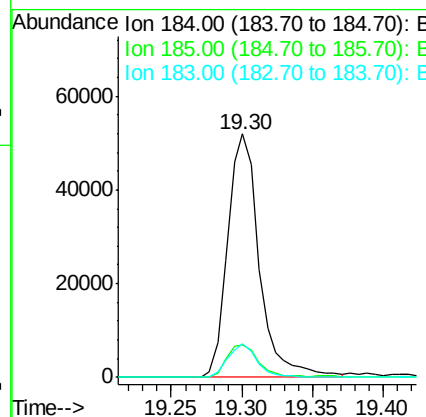
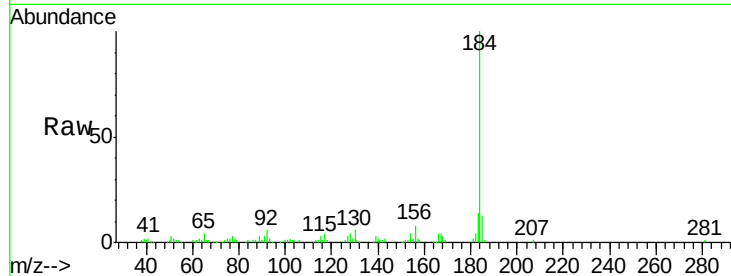
ClientSampleId :

PENRD8.1(4)MSD

Tgt Ion:	184	Resp:	81093
Ion Ratio	Lower	Upper	
184	100		
185	13.3	11.0	16.6
183	13.8	9.8	14.8

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#77

Pyrene

Concen: 30.31 ng

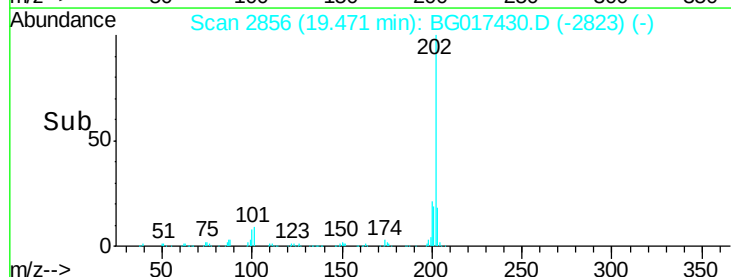
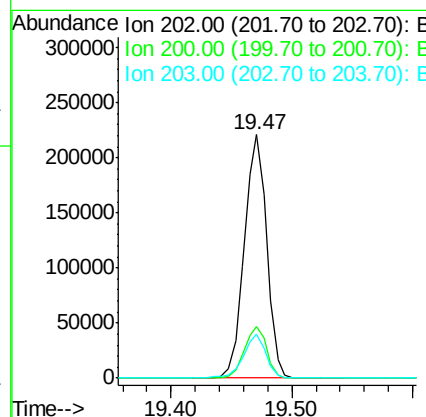
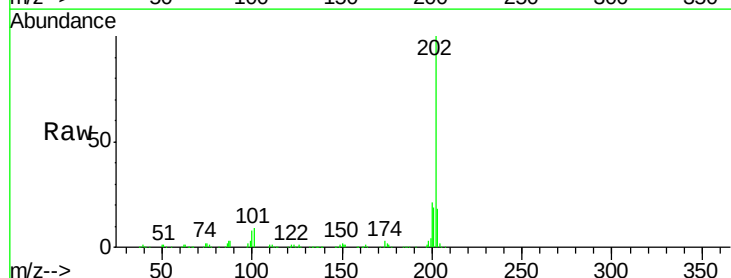
RT: 19.47 min Scan# 2856

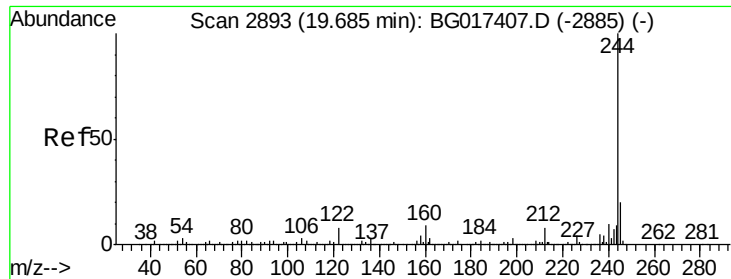
Delta R.T. -0.00 min

Lab File: BG017430.D

Acq: 4 Jun 2015 6:17

Tgt Ion:	202	Resp:	285612
Ion Ratio	Lower	Upper	
202	100		
200	21.0	17.0	25.4
203	18.2	13.9	20.9





#78

Terphenyl-d14

Concen: 59.54 ng

RT: 19.68 min Scan# 2891

Delta R.T. -0.00 min

Lab File: BG017430.D

Acq: 4 Jun 2015 6:17

Instrument :

BNA_G

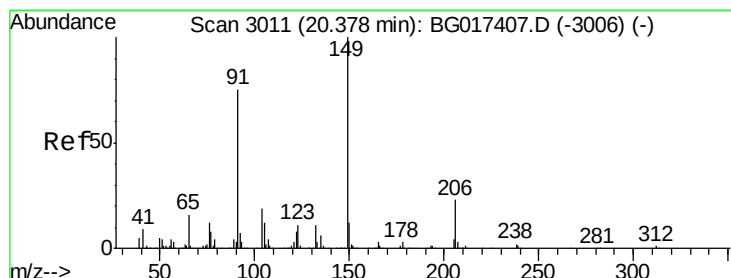
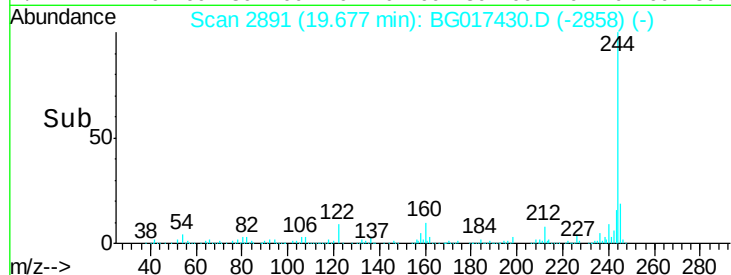
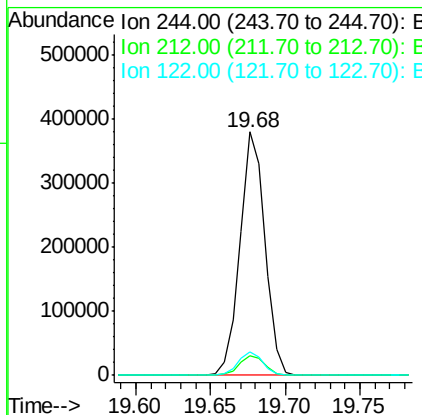
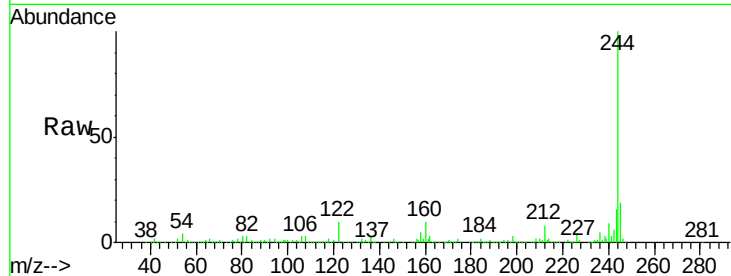
ClientSampleId :

PENRD8.1(4)MSD

Tgt Ion:	244	Resp:	440633
Ion Ratio		Lower	Upper
244	100		
212	8.1	6.4	9.6
122	9.7	6.6	10.0

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#79

Butylbenzylphthalate

Concen: 30.89 ng

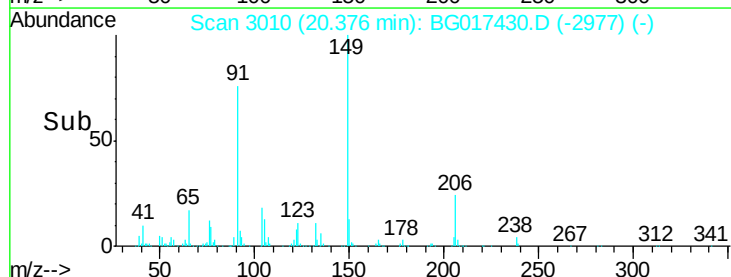
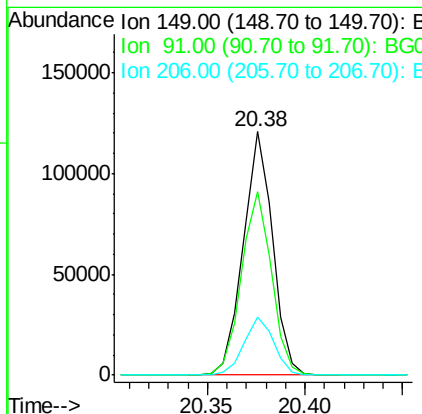
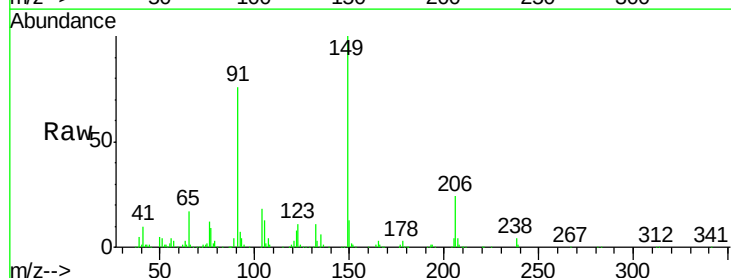
RT: 20.38 min Scan# 3010

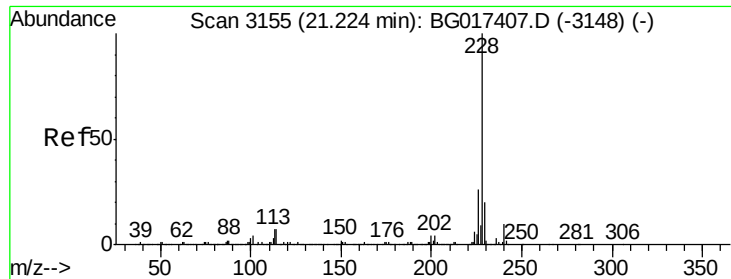
Delta R.T. -0.00 min

Lab File: BG017430.D

Acq: 4 Jun 2015 6:17

Tgt Ion:	149	Resp:	125946
Ion Ratio		Lower	Upper
149	100		
91	75.5	59.8	89.6
206	23.9	18.2	27.2





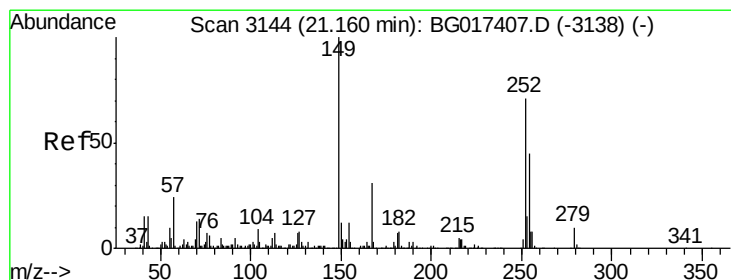
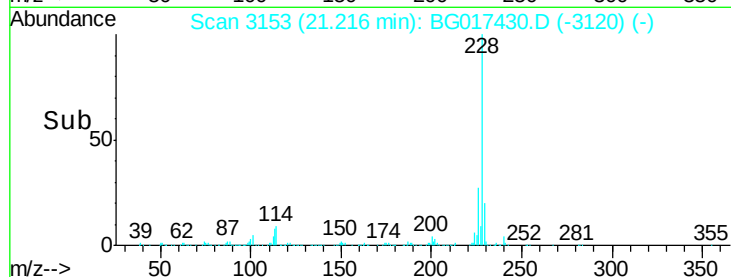
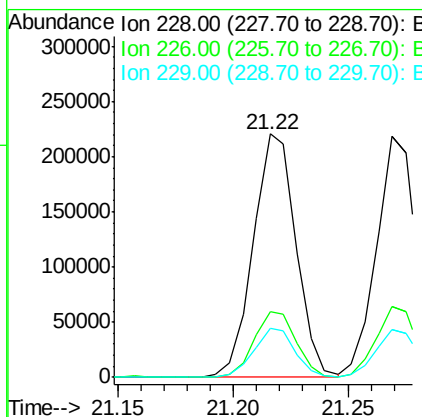
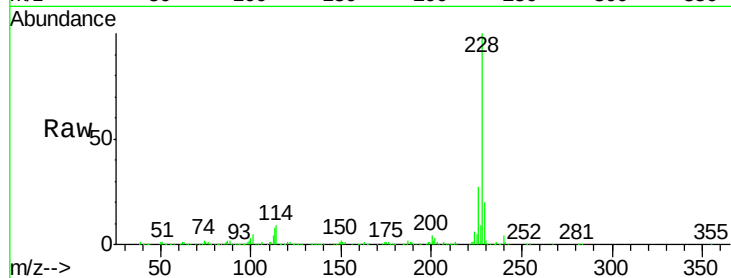
#80
Benzo(a)anthracene
Concen: 30.21 ng
RT: 21.22 min Scan# 3153
Delta R.T. -0.00 min
Lab File: BG017430.D
Acq: 4 Jun 2015 6:17

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

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	26.8	21.0	31.6
229	20.4	15.7	23.5

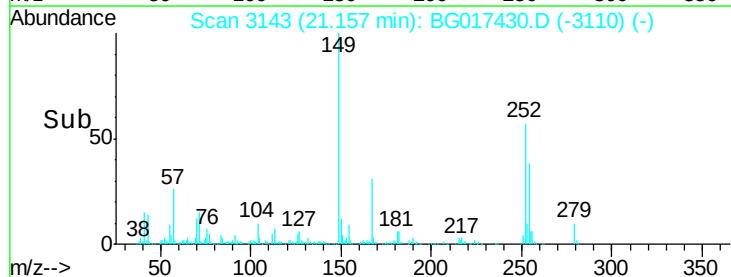
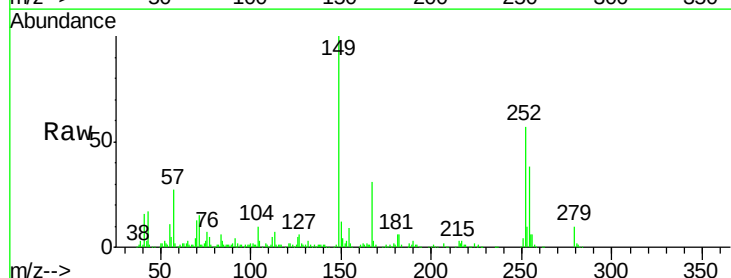
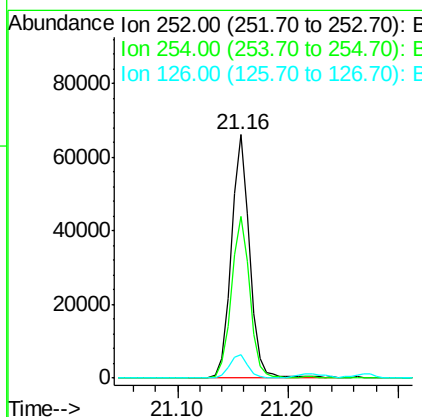
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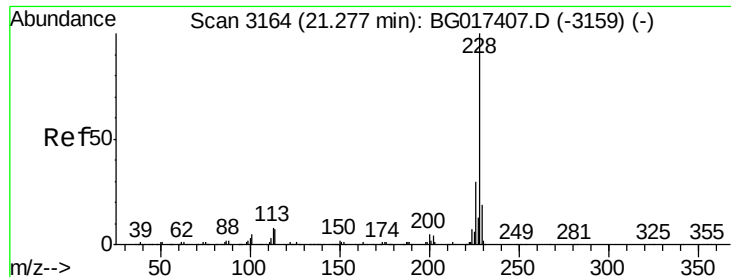
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#81
3,3'-Dichlorobenzidine
Concen: 21.84 ng
RT: 21.16 min Scan# 3143
Delta R.T. -0.00 min
Lab File: BG017430.D
Acq: 4 Jun 2015 6:17

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	66.4	51.1	76.7
126	9.4	8.2	12.2





#82

Chrysene

Concen: 30.66 ng

RT: 21.27 min Scan# 3162

Delta R.T. -0.00 min

Lab File: BG017430.D

Acq: 4 Jun 2015 6:17

Instrument :

BNA_G

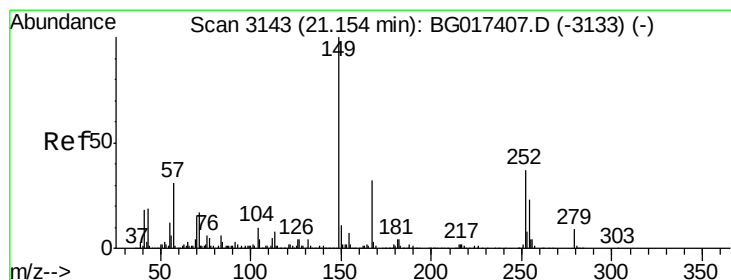
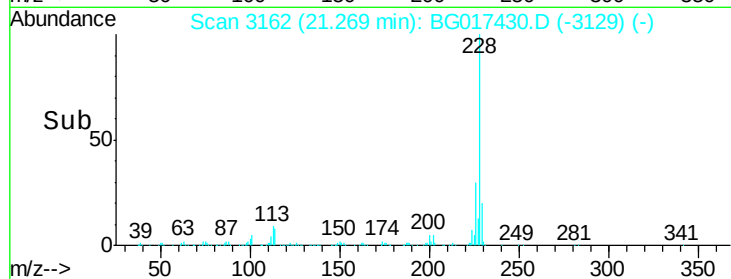
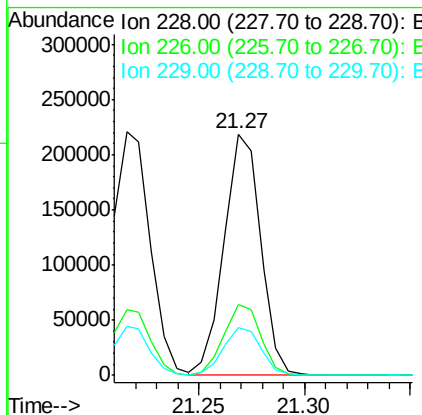
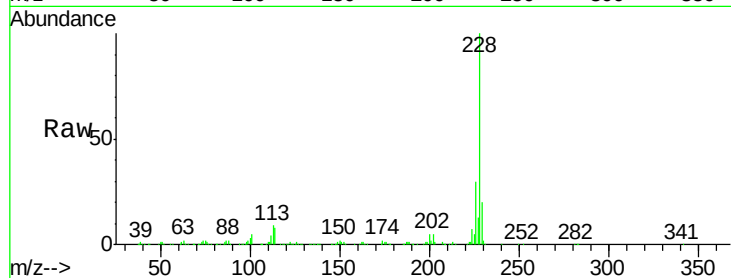
ClientSampleId :

PENRD8.1(4)MSD

Tgt Ion:	228	Resp:	261153
Ion Ratio	Lower	Upper	
228	100		
226	29.5	23.7	35.5
229	19.8	15.2	22.8

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#83

Bis(2-ethylhexyl)phthalate

Concen: 31.17 ng

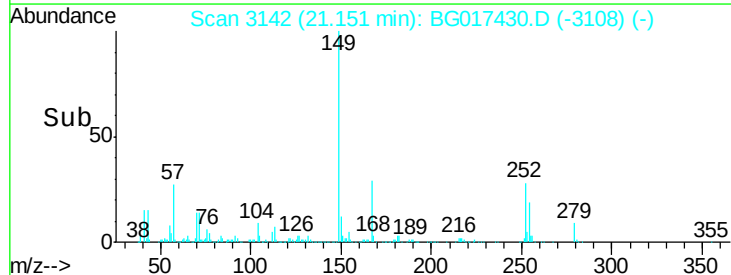
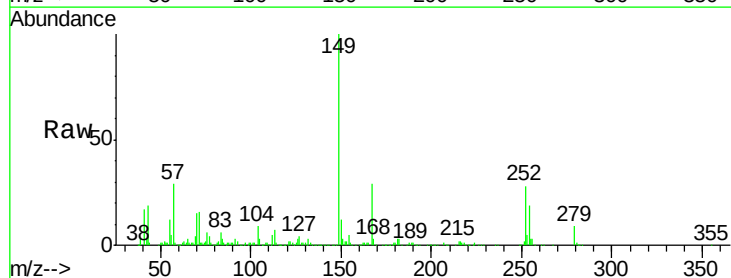
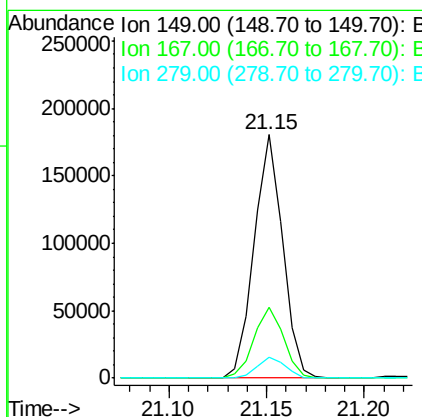
RT: 21.15 min Scan# 3142

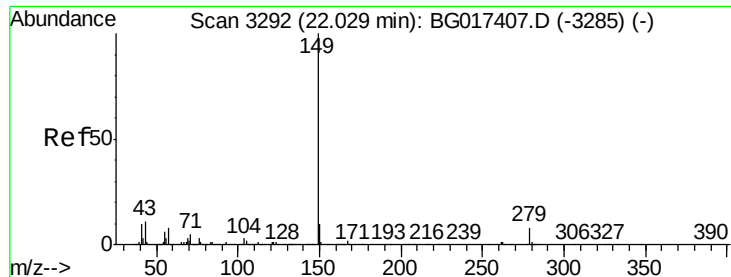
Delta R.T. 0.00 min

Lab File: BG017430.D

Acq: 4 Jun 2015 6:17

Tgt Ion:	149	Resp:	183289
Ion Ratio	Lower	Upper	
149	100		
167	29.1	25.4	38.2
279	8.8	7.1	10.7





#84

Di-n-octyl phthalate

Concen: 31.31 ng

RT: 22.02 min Scan# 3290

Delta R.T. -0.00 min

Lab File: BG017430.D

Acq: 4 Jun 2015 6:17

Instrument :

BNA_G

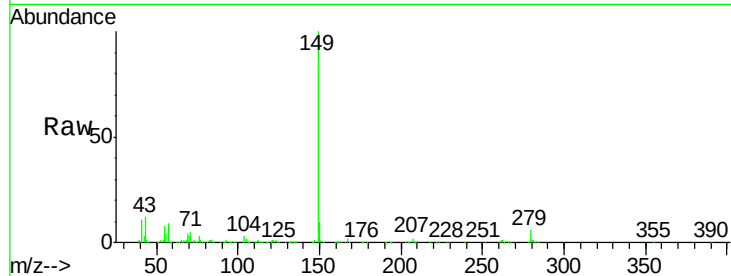
ClientSampleId :

PENRD8.1(4)MSD

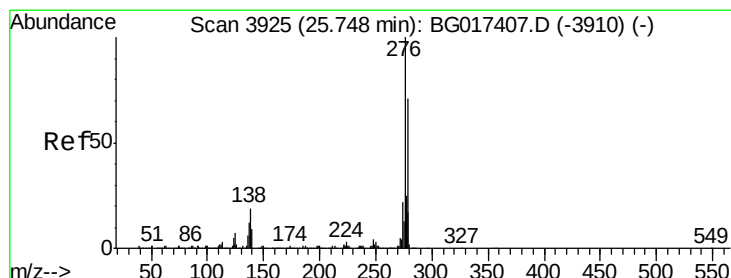
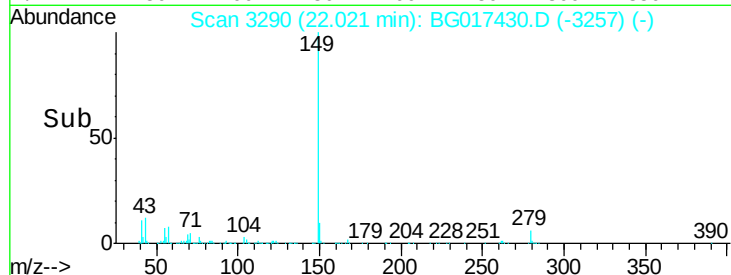
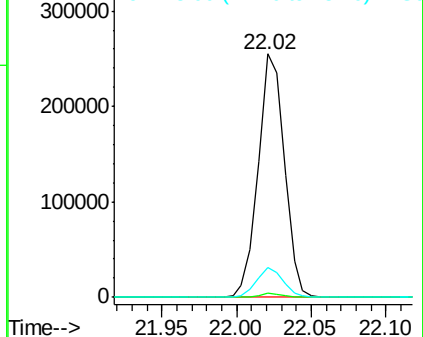
Tgt Ion:	149	Resp:	308697
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.4	2.2
43	12.3	9.8	14.6

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC



#85

Indeno(1,2,3-cd)pyrene

Concen: 29.73 ng

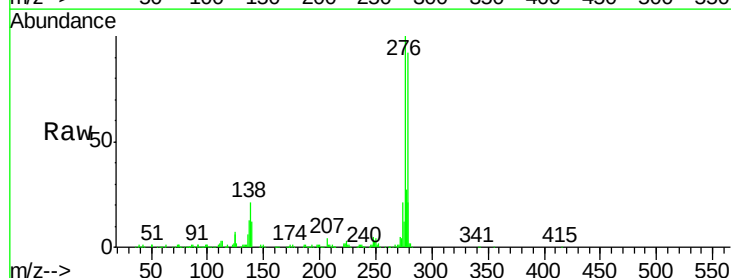
RT: 25.75 min Scan# 3924

Delta R.T. -0.01 min

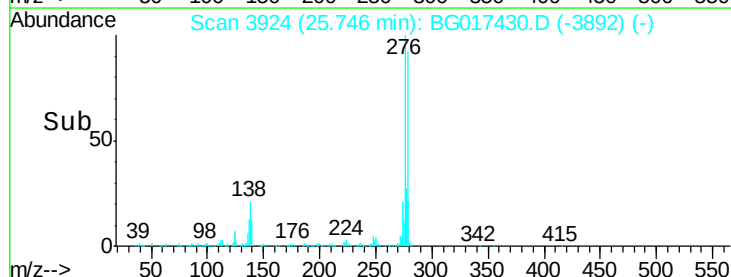
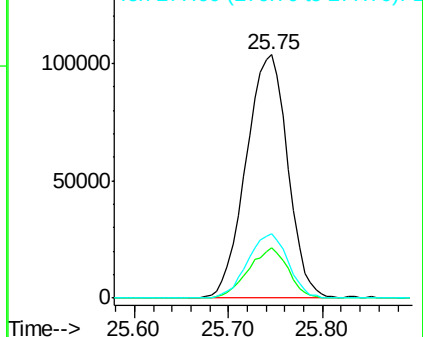
Lab File: BG017430.D

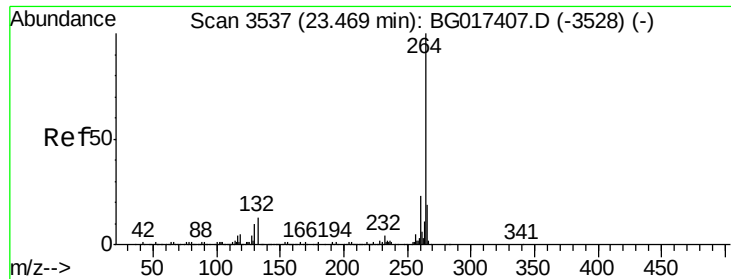
Acq: 4 Jun 2015 6:17

Tgt Ion:	276	Resp:	317990
Ion Ratio	Lower	Upper	
276	100		
138	19.9	15.4	23.0
277	25.7	20.5	30.7



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





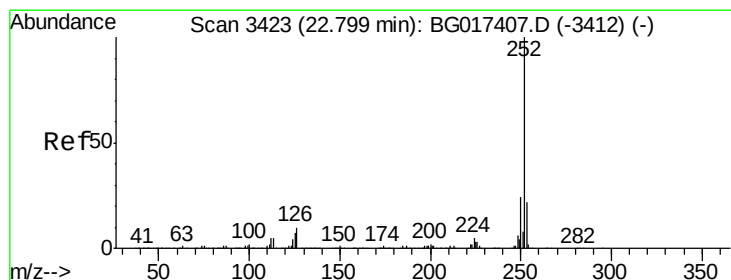
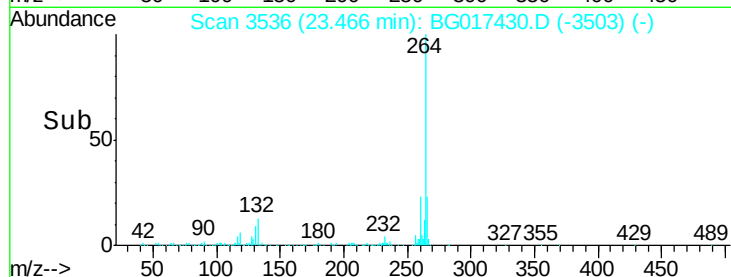
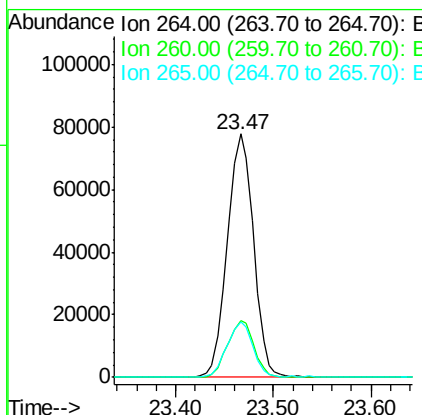
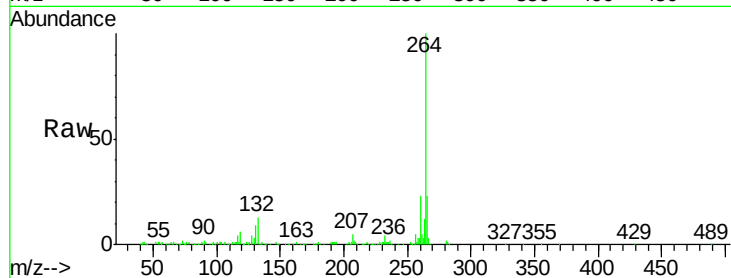
#86
Perylene-d12
Concen: 20.00 ng
RT: 23.47 min Scan# 3536
Delta R.T. -0.00 min
Lab File: BG017430.D
Acq: 4 Jun 2015 6:17

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

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	23.1	18.2	27.4
265	22.9	15.8	23.6

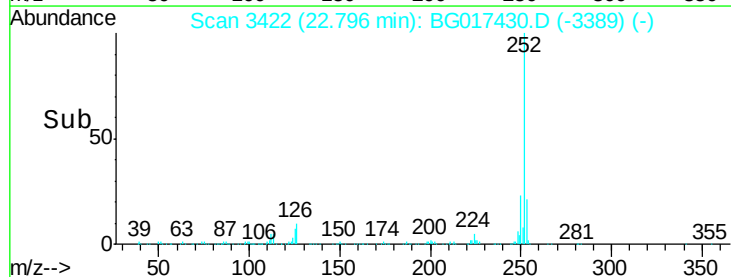
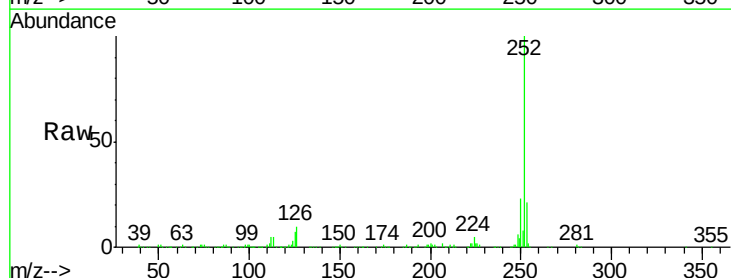
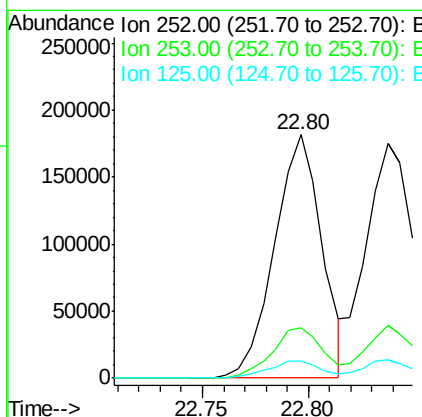
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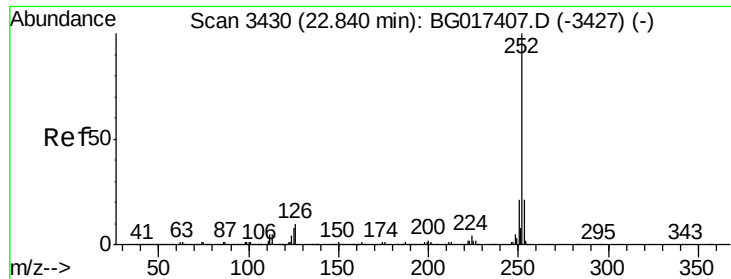
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#87
Benzo(b)fluoranthene
Concen: 30.79 ng
RT: 22.80 min Scan# 3422
Delta R.T. -0.00 min
Lab File: BG017430.D
Acq: 4 Jun 2015 6:17

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	20.9	17.4	26.2
125	7.0	5.8	8.8





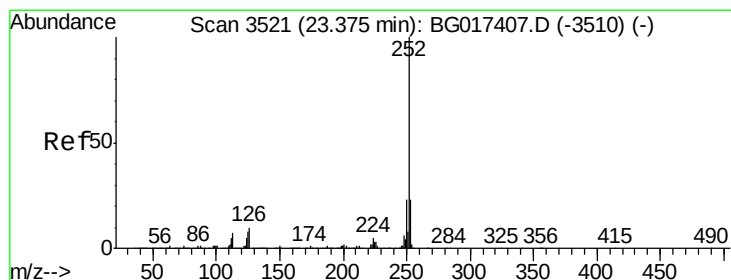
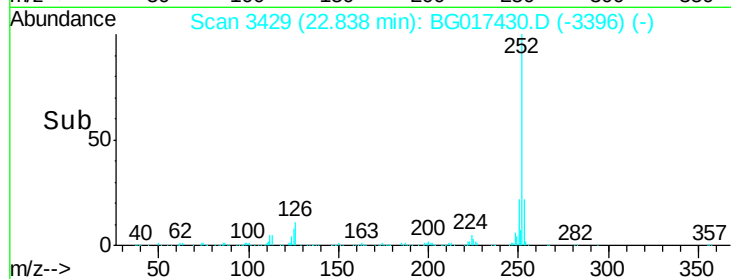
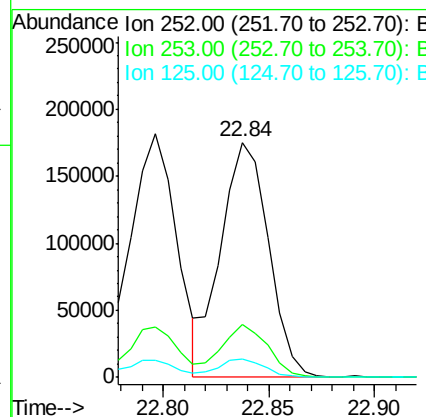
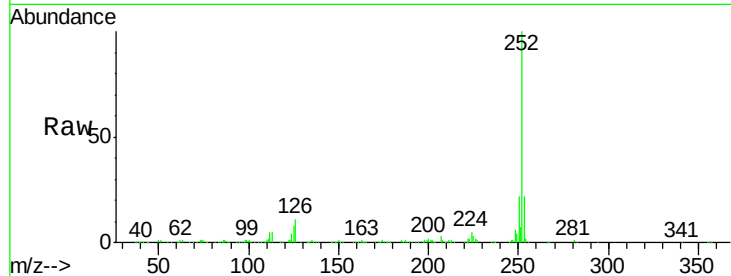
#88
Benzo(k)fluoranthene
Concen: 31.04 ng
RT: 22.84 min Scan# 3429
Delta R.T. -0.00 min
Lab File: BG017430.D
Acq: 4 Jun 2015 6:17

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

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	22.4	17.7	26.5
125	7.8	6.5	9.7

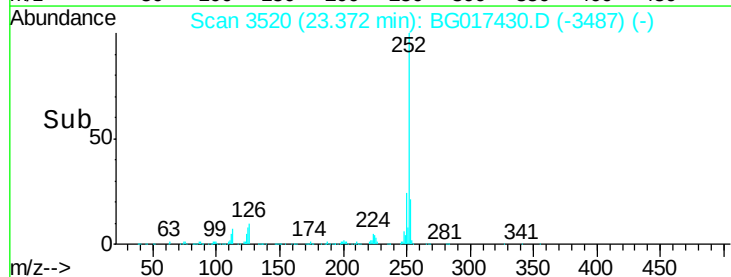
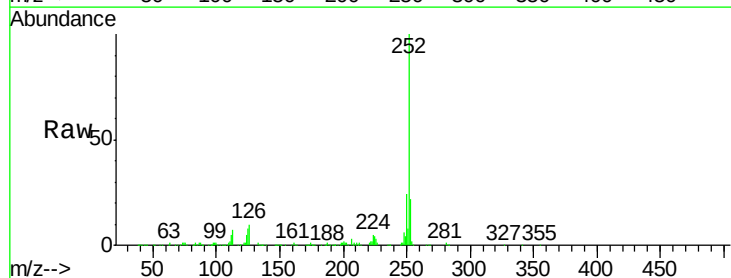
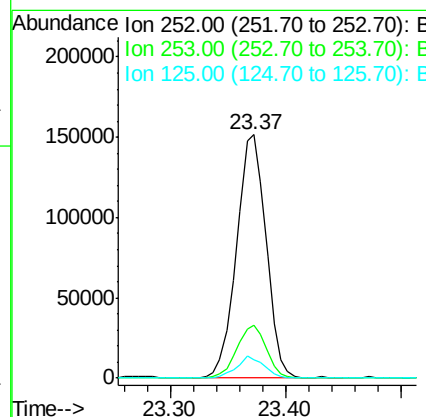
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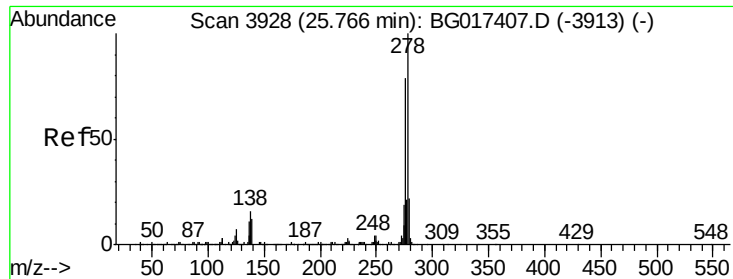
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#89
Benzo(a)pyrene
Concen: 31.88 ng
RT: 23.37 min Scan# 3520
Delta R.T. -0.00 min
Lab File: BG017430.D
Acq: 4 Jun 2015 6:17

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	21.6	18.1	27.1
125	7.8	6.5	9.7





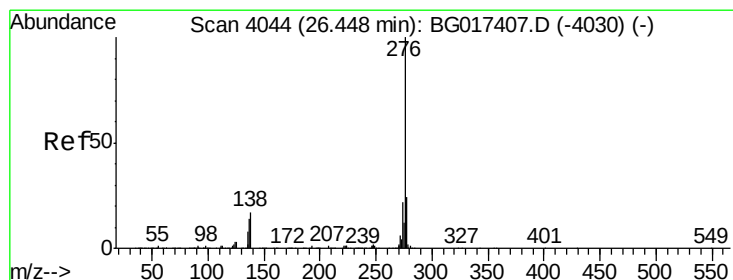
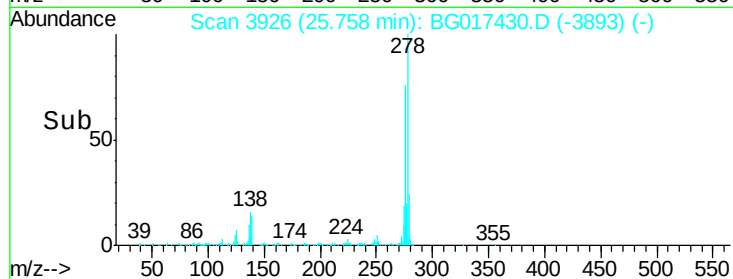
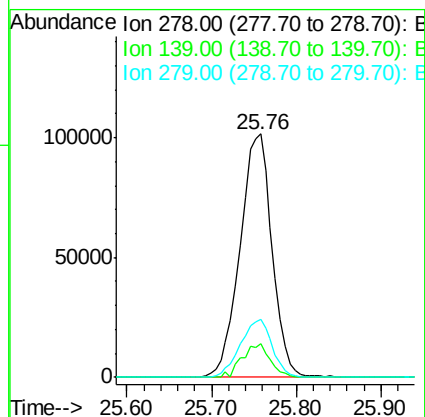
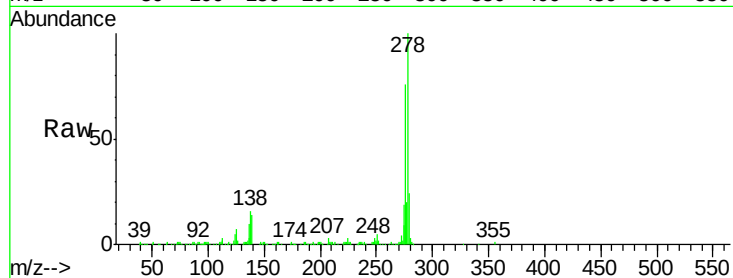
#90
Dibenzo(a,h)anthracene
Concen: 30.52 ng
RT: 25.76 min Scan# 3926
Delta R.T. -0.00 min
Lab File: BG017430.D
Acq: 4 Jun 2015 6:17

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

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	13.9	9.4	14.0
279	23.7	17.8	26.8

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#91
Benzo(g,h,i)perylene
Concen: 30.64 ng
RT: 26.44 min Scan# 4042
Delta R.T. -0.01 min
Lab File: BG017430.D
Acq: 4 Jun 2015 6:17

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	22.6	19.2	28.8
138	16.0	13.5	20.3

