

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
 Data File : BG015956.D
 Acq On : 27 Jan 2015 21:59
 Operator : TP/IZ
 Sample : G1130-02MS
 Misc : W
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DRILLCUTTINGSMS

Manual Integrations
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 1/28/2015 5:44:39 PM

Quant Time: Jan 28 02:55:11 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 28 01:36:36 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	71587	20.00	ng	0.00
21) Naphthalene-d8	10.47	136	290151	20.00	ng	0.00
38) Acenaphthene-d10	14.33	164	249327	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	742179	20.00	ng	0.00
75) Chrysene-d12	21.27	240	1082299	20.00	ng	0.00
86) Perylene-d12	23.52	264	1040530	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	585334	121.76	ng	0.00
7) Phenol-d6	6.87	99	891011	115.02	ng	0.00
23) Nitrobenzene-d5	8.84	82	773720	76.87	ng	0.00
41) 2,4,6-Tribromophenol	15.83	330	723924	158.60	ng	0.00
44) 2-Fluorobiphenyl	12.95	172	1545606	97.26	ng	0.00
78) Terphenyl-d14	19.71	244	3395459	91.94	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.20	88	81049	32.74	ng	# 94
3) Pyridine	3.59	79	215775	25.85	ng	93
4) n-Nitrosodimethylamine	3.51	42	113880	35.32	ng	96
6) Aniline	7.02	93	118999	10.67	ng	# 85
8) 2-Chlorophenol	7.26	128	193282	41.90	ng	83
9) Benzaldehyde	6.84	77	24780	3.51	ng	92
10) Phenol	6.90	94	330323	37.41	ng	96
11) bis(2-Chloroethyl)ether	7.12	93	247201	36.23	ng	93
12) 1,3-Dichlorobenzene	7.58	146	217823	39.90	ng	95
13) 1,4-Dichlorobenzene	7.72	146	218181	38.71	ng	92
14) 1,2-Dichlorobenzene	8.03	146	206398	37.37	ng	91
15) Benzyl Alcohol	7.93	79	313655	37.01	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.22	45	179704	32.59	ng	94
17) 2-Methylphenol	8.13	107	220913	40.38	ng	93
18) Hexachloroethane	8.75	117	106343	36.70	ng	92
19) n-Nitroso-di-n-propylamine	8.49	70	273682	35.41	ng	94
20) 3+4-Methylphenols	8.46	107	302928	42.25	ng	96
22) Acetophenone	8.50	105	390402	40.15	ng	# 98
24) Nitrobenzene	8.89	77	409917	38.72	ng	97
25) Isophorone	9.40	82	712933	40.06	ng	100
26) 2-Nitrophenol	9.59	139	108954	41.56	ng	86
27) 2,4-Dimethylphenol	9.66	122	217195	43.29	ng	94
28) bis(2-Chloroethoxy)methane	9.89	93	354251	41.12	ng	98
29) 2,4-Dichlorophenol	10.13	162	244511	46.67	ng	95
30) 1,2,4-Trichlorobenzene	10.34	180	266433	41.94	ng	89
31) Naphthalene	10.52	128	624264	42.04	ng	97
32) Benzoic acid	9.82	122	97587m	53.98	ng	
34) Hexachlorobutadiene	10.80	225	275450	44.33	ng	96
35) Caprolactam	11.41	113	101131m	39.28	ng	
36) 4-Chloro-3-methylphenol	11.78	107	325469	42.24	ng	# 80
37) 2-Methylnaphthalene	12.14	142	496558	42.10	ng	86
39) 1,2,4,5-Tetrachlorobenzene	12.51	216	436700	45.93	ng	99
40) Hexachlorocyclopentadiene	12.49	237	593092	82.78	ng	91
42) 2,4,6-Trichlorophenol	12.76	196	282968	50.81	ng	95

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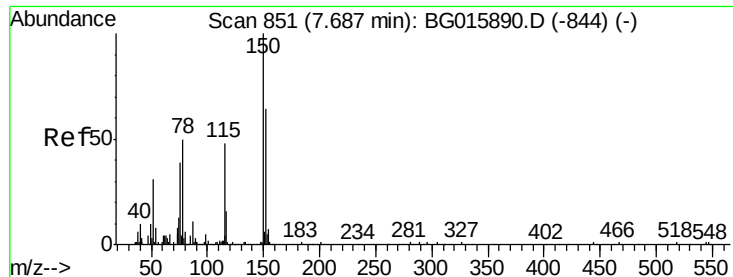
Manual Integrations
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 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	12.84	196	316380	50.25	ng	92
45) 1,1'-Biphenyl	13.16	154	716185	45.51	ng	95
46) 2-Chloronaphthalene	13.20	162	626489	47.15	ng #	89
47) 2-Nitroaniline	13.41	65	291296	42.96	ng	95
48) Acenaphthylene	14.05	152	954083	47.28	ng #	95
49) Dimethylphthalate	13.80	163	844221	47.06	ng	98
50) 2,6-Dinitrotoluene	13.92	165	193591	47.80	ng	97
51) Acenaphthene	14.40	154	583031	45.99	ng	92
52) 3-Nitroaniline	14.24	138	47962	12.59	ng	99
53) 2,4-Dinitrophenol	14.46	184	244512	79.06	ng #	87
54) Dibenzofuran	14.73	168	984939	47.08	ng	94
55) 4-Nitrophenol	14.57	139	238201	90.85	ng	91
56) 2,4-Dinitrotoluene	14.71	165	295002	49.78	ng #	88
57) Fluorene	15.38	166	898183	47.60	ng	94
58) 2,3,4,6-Tetrachlorophenol	14.97	232	350200	50.23	ng	96
59) Diethylphthalate	15.16	149	875692	47.80	ng	99
60) 4-Chlorophenyl-phenylether	15.38	204	604582	48.17	ng	98
61) 4-Nitroaniline	15.41	138	178438	44.15	ng #	67
62) Azobenzene	15.67	77	1233792	41.60	ng	96
64) 4,6-Dinitro-2-methylphenol	15.47	198	223503	41.73	ng	92
65) n-Nitrosodiphenylamine	15.60	169	864154	40.81	ng	91
66) 4-Bromophenyl-phenylether	16.27	248	470661	43.43	ng	99
67) Hexachlorobenzene	16.39	284	524224	44.74	ng #	88
68) Atrazine	16.55	200	330201	32.40	ng	99
69) Pentachlorophenol	16.74	266	539365	81.93	ng	96
70) Phenanthrene	17.12	178	1552922	41.71	ng	97
71) Anthracene	17.21	178	1560592	42.71	ng	98
72) Carbazole	17.49	167	1336328	41.49	ng	95
73) Di-n-butylphthalate	18.05	149	1572258	42.41	ng	97
74) Fluoranthene	19.14	202	2092188	42.08	ng	98
76) Benzidine	19.35	184	47901m	3.71	ng	
77) Pyrene	19.51	202	2206983	42.91	ng	99
79) Butylbenzylphthalate	20.41	149	773088	41.00	ng	93
80) Benzo(a)anthracene	21.25	228	2453120	44.70	ng	98
81) 3,3'-Dichlorobenzidine	21.19	252	335217	13.86	ng	94
82) Chrysene	21.31	228	2292991	43.76	ng	98
83) Bis(2-ethylhexyl)phthalate	21.18	149	1079559	42.58	ng	97
84) Di-n-octyl phthalate	22.06	149	1706362	43.50	ng	97
85) Indeno(1,2,3-cd)pyrene	25.83	276	2892647	45.58	ng	99
87) Benzo(b)fluoranthene	22.84	252	2560706	43.11	ng #	97
88) Benzo(k)fluoranthene	22.89	252	2559851	44.52	ng	99
89) Benzo(a)pyrene	23.43	252	2508549	43.90	ng #	99
90) Dibenzo(a,h)anthracene	25.83	278	2360160	43.51	ng	100
91) Benzo(g,h,i)perylene	26.52	276	2361223	44.61	ng #	97

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



#1

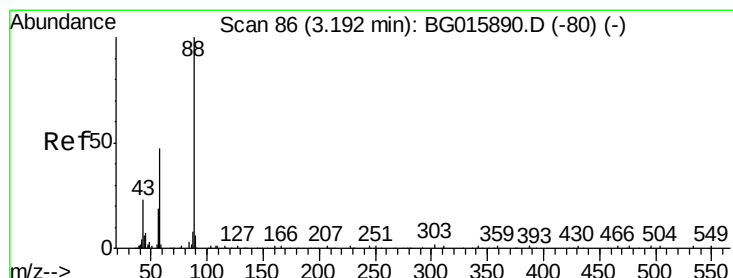
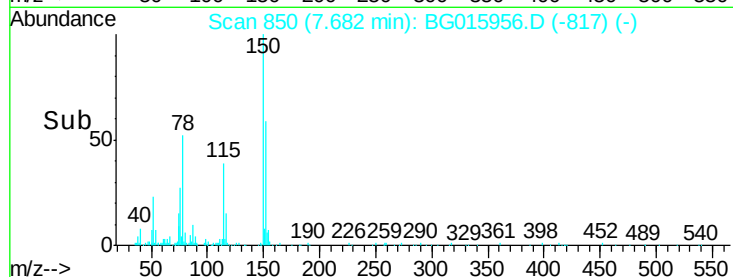
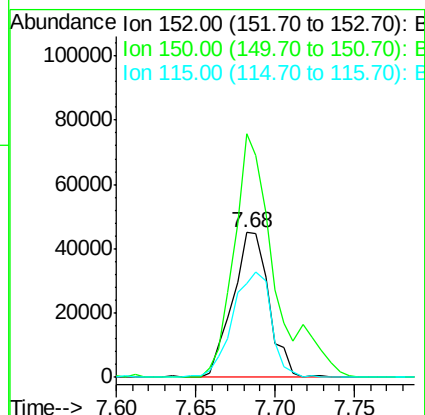
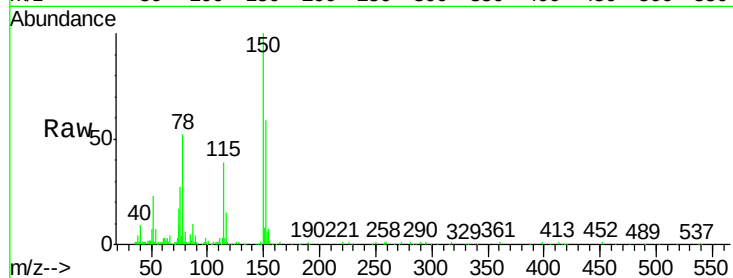
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.68 min Scan# 850
Delta R.T. -0.01 min
Lab File: BG015956.D
Acq: 27 Jan 2015 21:59

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
152	100		
150	168.3	124.5	186.7
115	65.2	60.4	90.6

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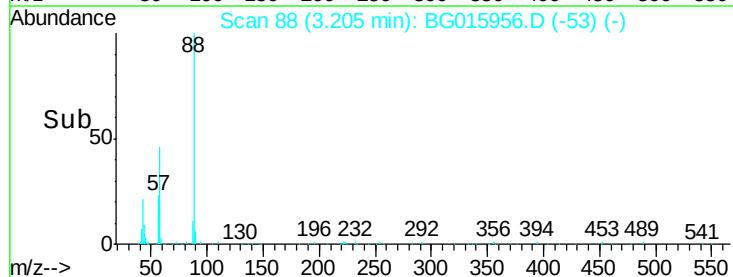
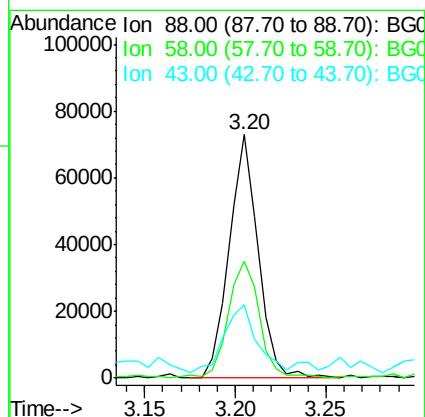
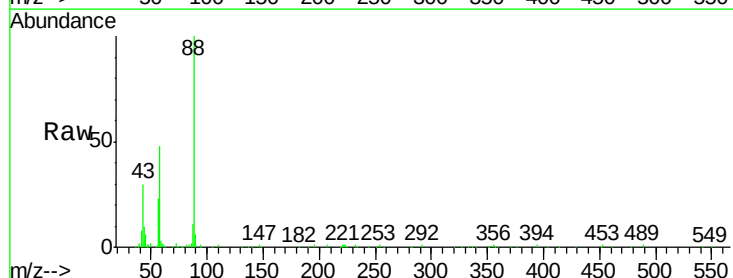
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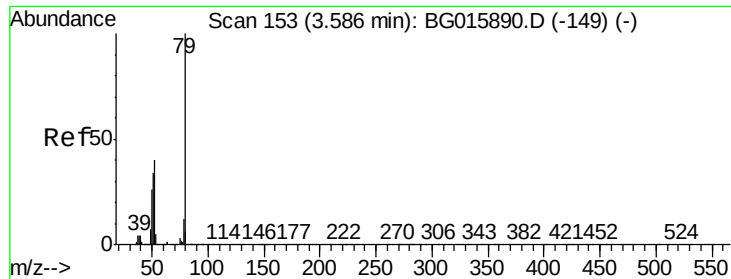


#2

1,4-Dioxane
Concen: 32.74 ng
RT: 3.20 min Scan# 88
Delta R.T. 0.01 min
Lab File: BG015956.D
Acq: 27 Jan 2015 21:59

Tgt Ion	Ratio	Lower	Upper
88	100		
58	52.1	40.4	60.6
43	31.3	19.2	28.8





#3

Pyridine

Concen: 25.85 ng

RT: 3.59 min Scan# 154

Delta R.T. 0.01 min

Lab File: BG015956.D

Acq: 27 Jan 2015 21:59

Instrument :

BNA_G

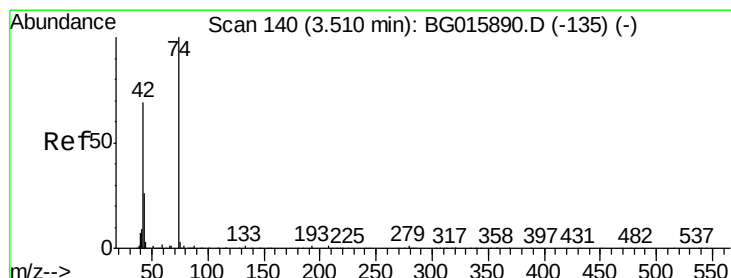
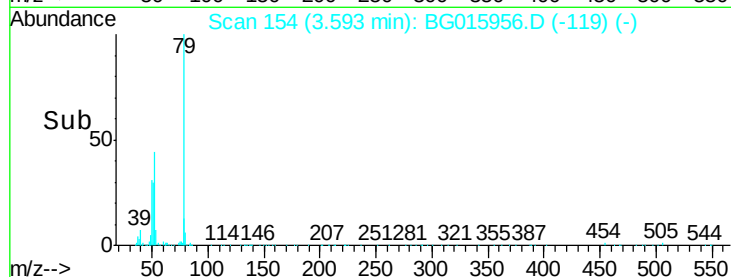
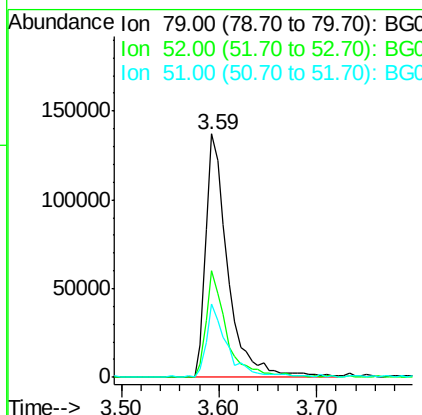
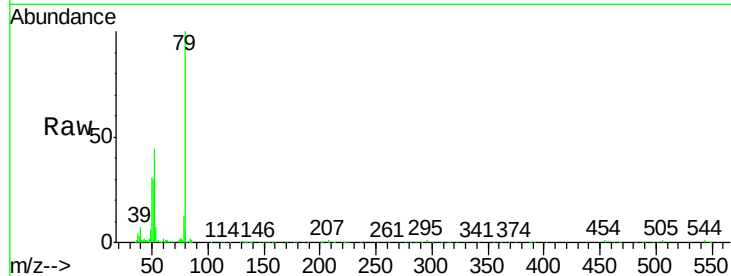
ClientSampleId :

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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
79	100		215775		
52	44.0		31.8	47.6	
51	30.0		27.3	40.9	

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#4

n-Nitrosodimethylamine

Concen: 35.32 ng

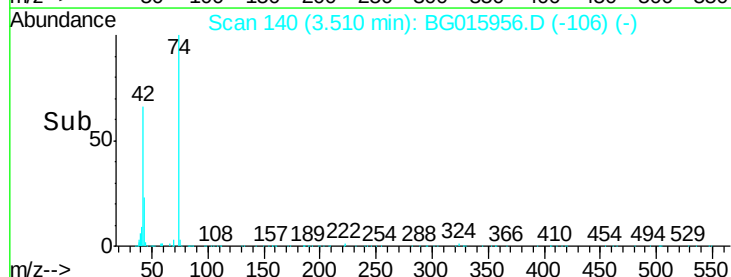
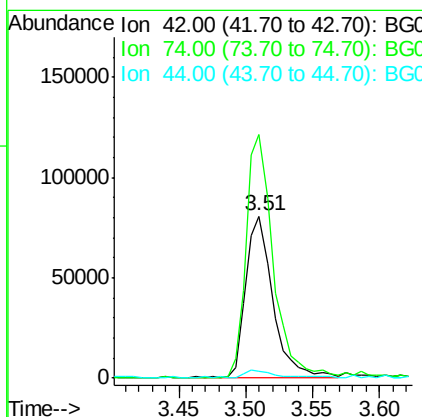
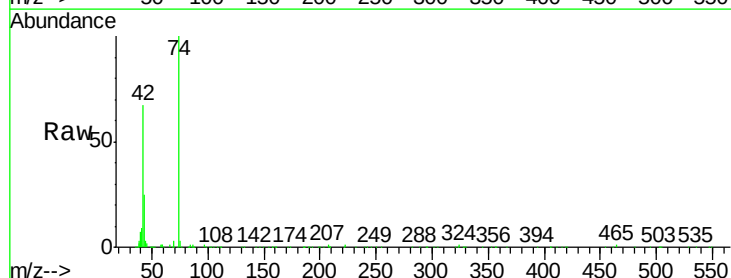
RT: 3.51 min Scan# 140

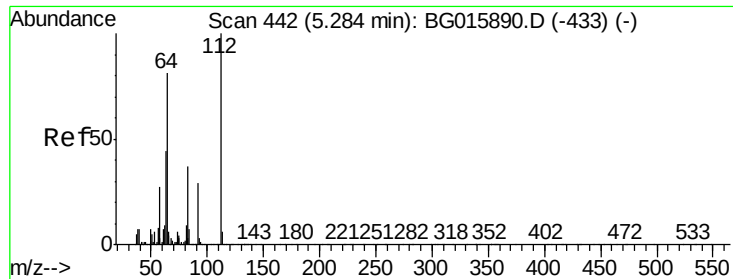
Delta R.T. 0.00 min

Lab File: BG015956.D

Acq: 27 Jan 2015 21:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		113880		
74	150.2		116.0	174.0	
44	4.5		3.8	5.8	





#5

2-Fluorophenol

Concen: 121.76 ng

RT: 5.28 min Scan# 442

Delta R.T. 0.01 min

Lab File: BG015956.D

Acq: 27 Jan 2015 21:59

Instrument :

BNA_G

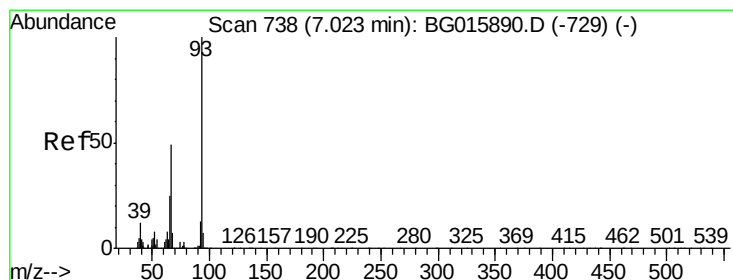
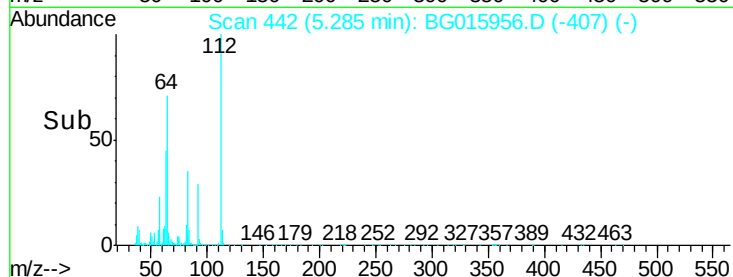
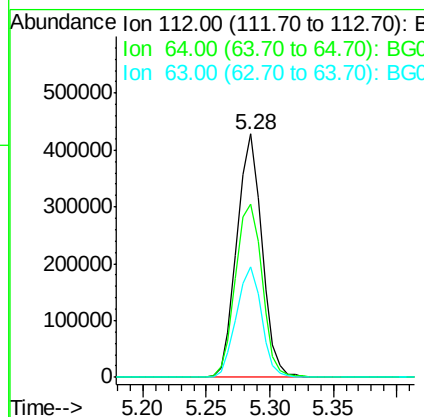
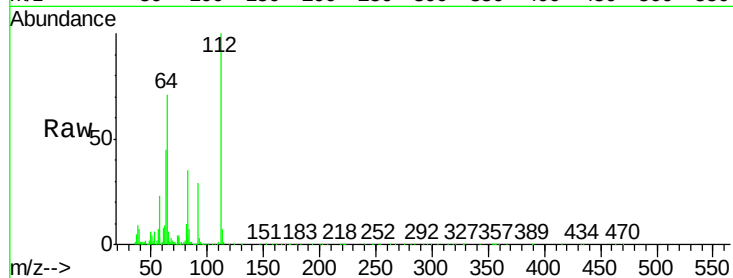
ClientSampleId :

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Tgt Ion:	112	Resp:	585334
Ion Ratio	Lower	Upper	
112	100		
64	71.4	64.4	96.6
63	45.3	35.1	52.7

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#6

Aniline

Concen: 10.67 ng

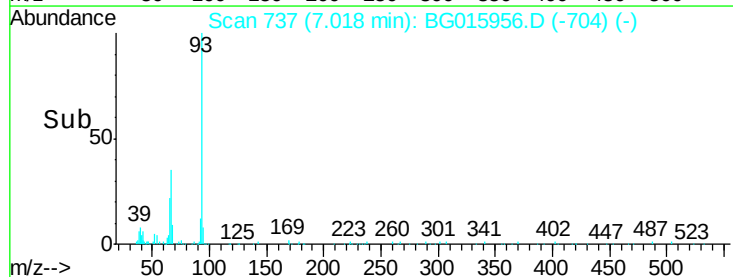
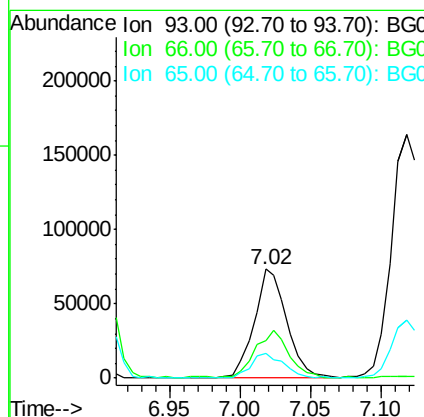
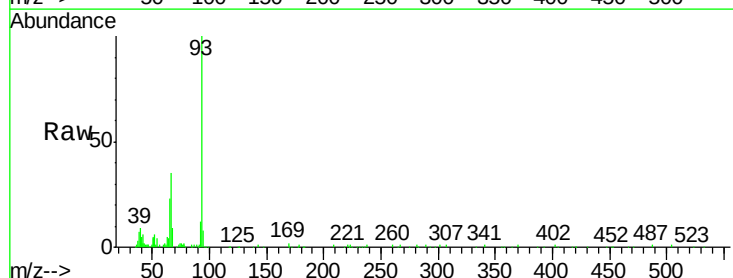
RT: 7.02 min Scan# 737

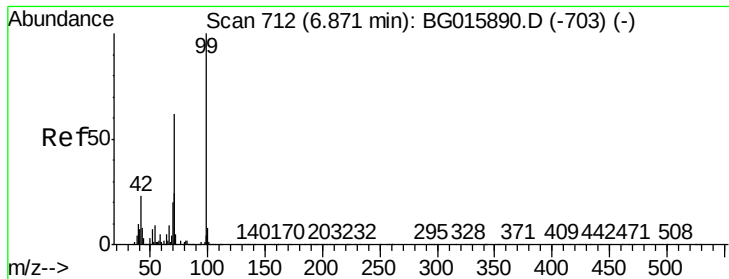
Delta R.T. -0.01 min

Lab File: BG015956.D

Acq: 27 Jan 2015 21:59

Tgt Ion:	93	Resp:	118999
Ion Ratio	Lower	Upper	
93	100		
66	35.0	39.0	58.6#
65	22.8	19.8	29.6





#7

Phenol-d6

Concen: 115.02 ng

RT: 6.87 min Scan# 712

Delta R.T. 0.00 min

Lab File: BG015956.D

Acq: 27 Jan 2015 21:59

Instrument :

BNA_G

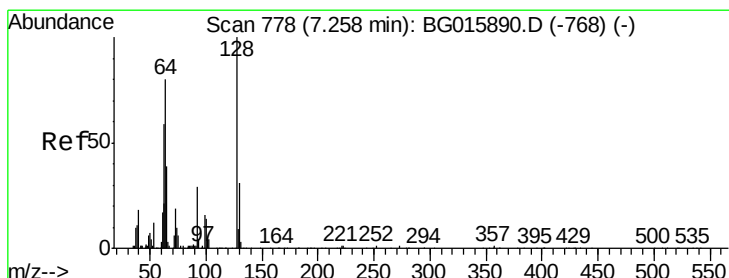
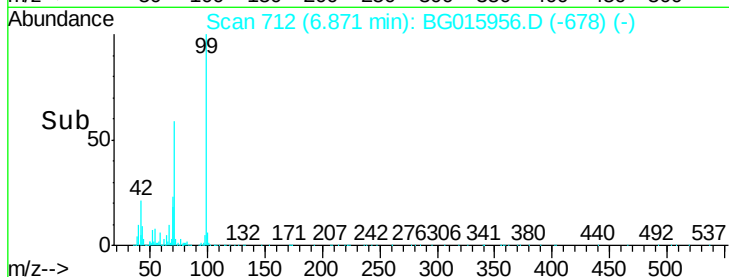
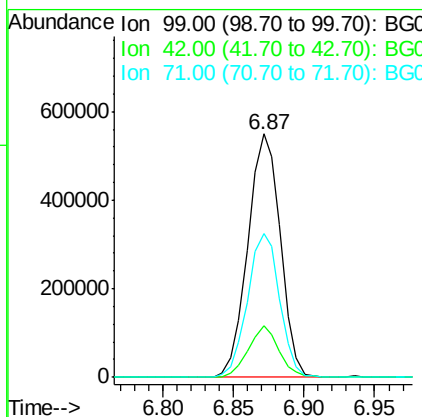
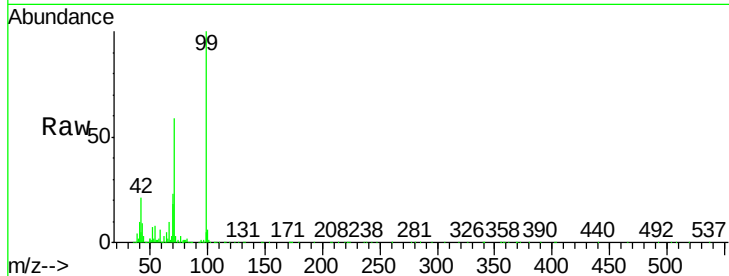
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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
99	100		891011		
42	21.4	18.1	27.1		
71	59.3	49.8	74.8		

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#8

2-Chlorophenol

Concen: 41.90 ng

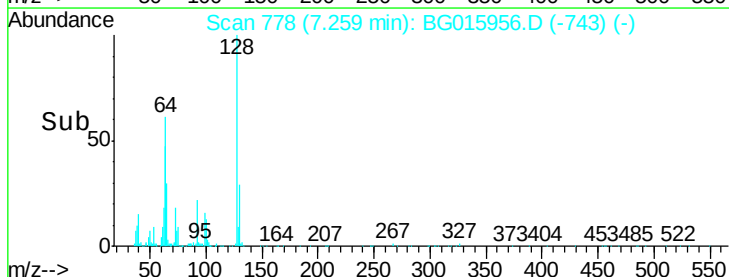
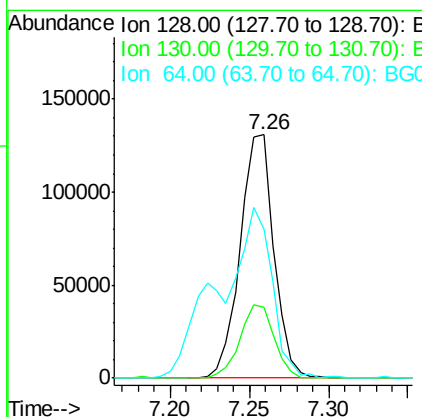
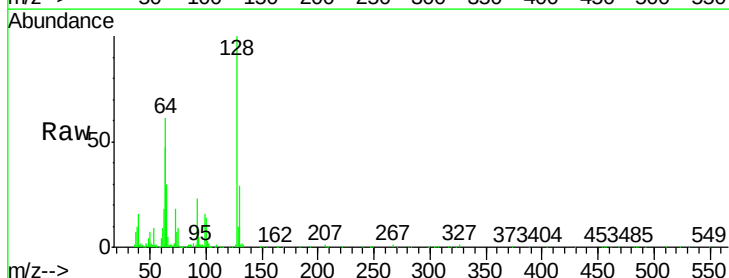
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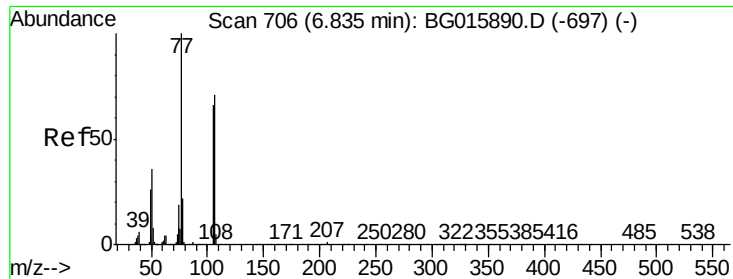
Delta R.T. 0.01 min

Lab File: BG015956.D

Acq: 27 Jan 2015 21:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		193282		
130	28.9	11.0	51.0		
64	60.9	60.7	100.7		





#9

Benzaldehyde

Concen: 3.51 ng

RT: 6.84 min Scan# 706

Delta R.T. 0.01 min

Lab File: BG015956.D

Acq: 27 Jan 2015 21:59

Instrument :

BNA_G

ClientSampleId :

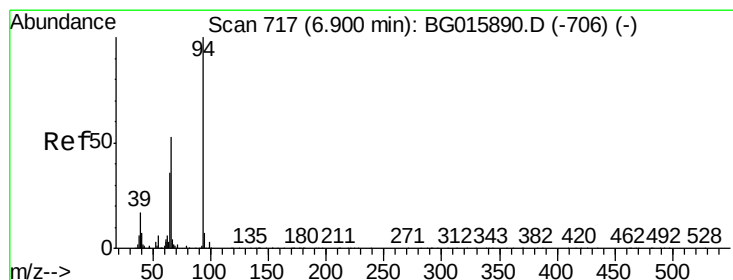
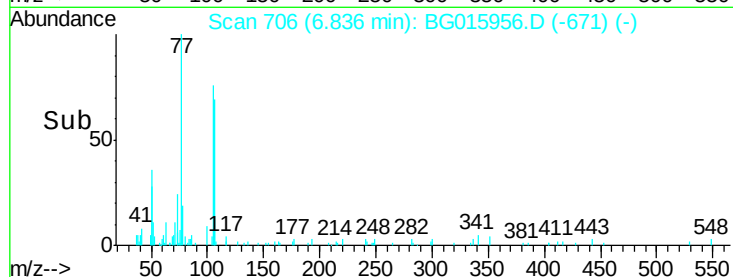
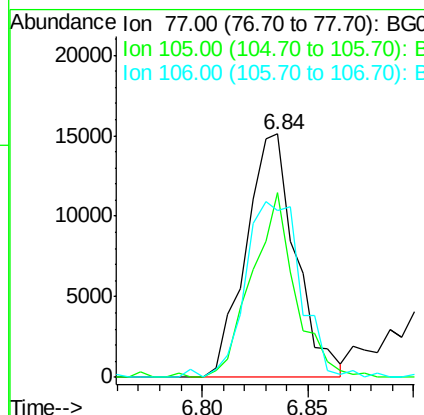
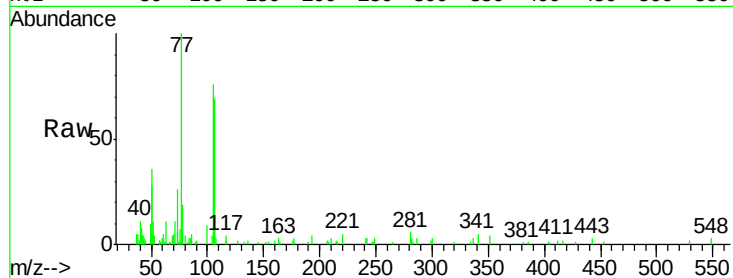
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Tgt Ion:	77	Resp:	24780
Ion	Ratio	Lower	Upper
77	100		
105	75.9	46.0	86.0
106	68.7	51.1	91.1



#10

Phenol

Concen: 37.41 ng

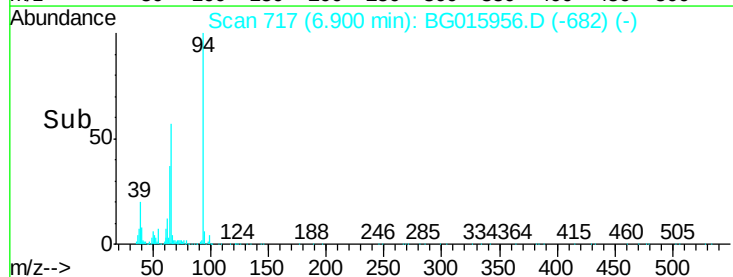
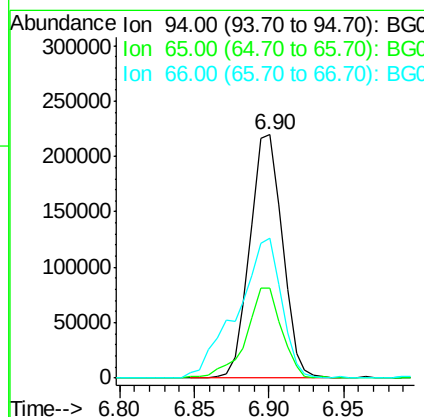
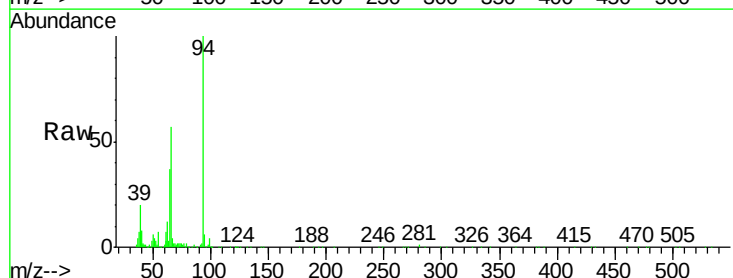
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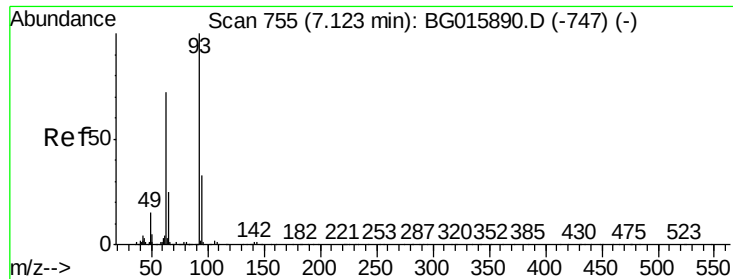
Delta R.T. 0.01 min

Lab File: BG015956.D

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Tgt Ion:	94	Resp:	330323
Ion	Ratio	Lower	Upper
94	100		
65	37.1	16.5	56.5
66	57.5	33.3	73.3





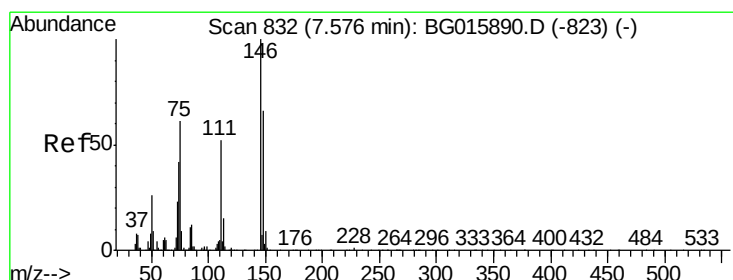
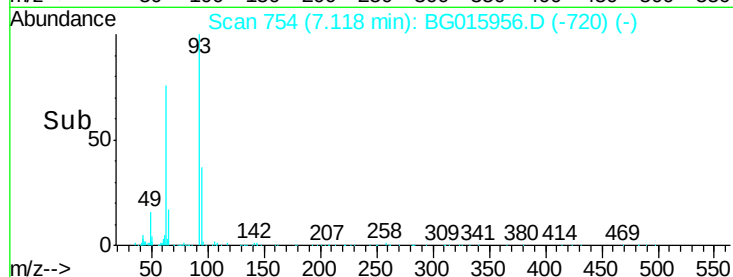
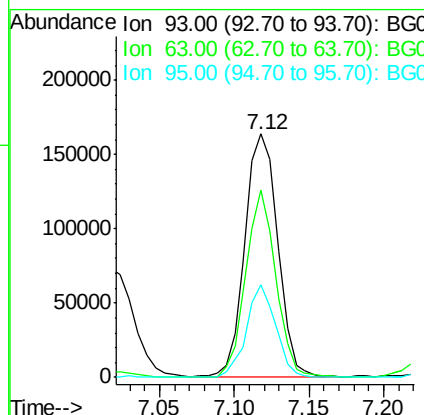
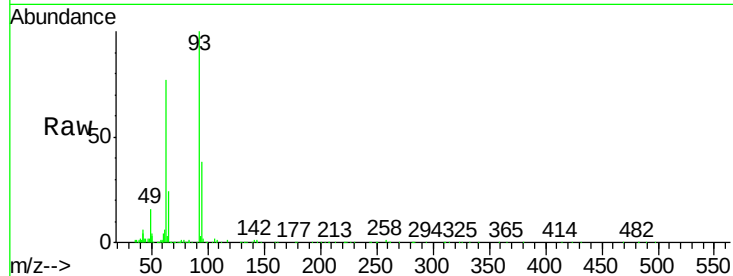
#11
bis(2-Chloroethyl)ether
Concen: 36.23 ng
RT: 7.12 min Scan# 754
Delta R.T. 0.00 min
Lab File: BG015956.D
Acq: 27 Jan 2015 21:59

Instrument :
BNA_G
ClientSampleId :
DRILLCUTTINGSMS

Tgt Ion:	93	Resp:	247201
Ion Ratio	Lower	Upper	
93	100		
63	77.1	51.7	91.7
95	38.0	12.7	52.7

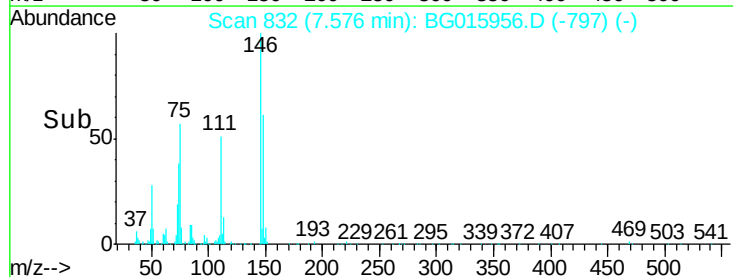
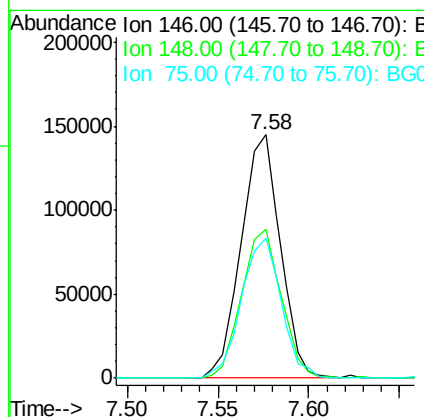
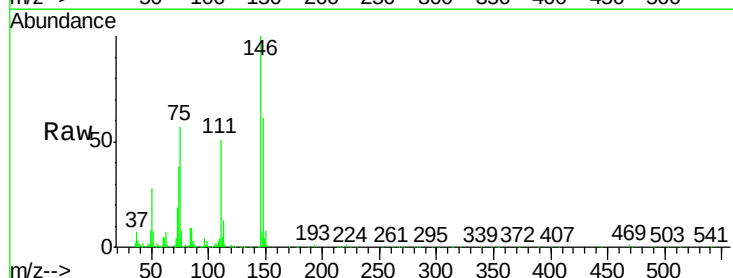
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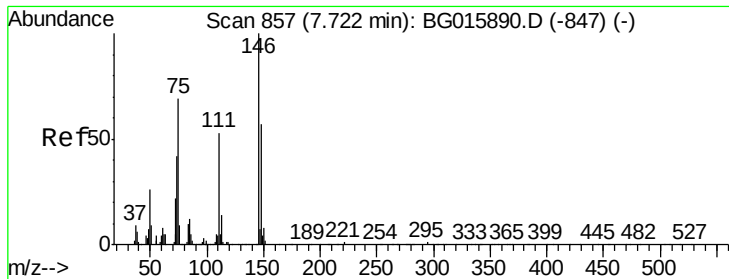
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#12
1,3-Dichlorobenzene
Concen: 39.90 ng
RT: 7.58 min Scan# 832
Delta R.T. 0.01 min
Lab File: BG015956.D
Acq: 27 Jan 2015 21:59

Tgt Ion:	146	Resp:	217823
Ion Ratio	Lower	Upper	
146	100		
148	61.3	53.0	79.4
75	57.4	48.6	72.8





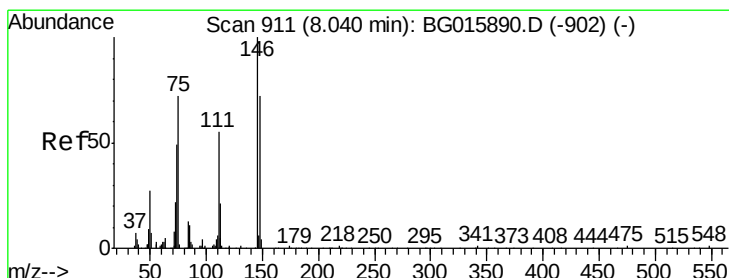
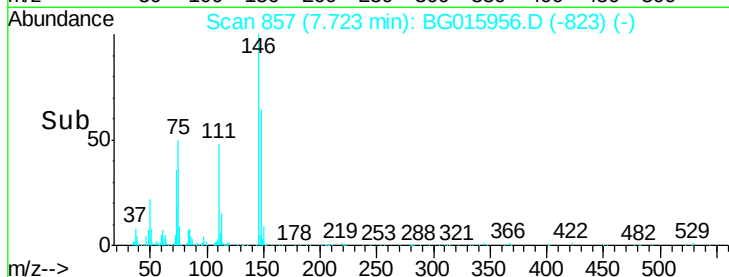
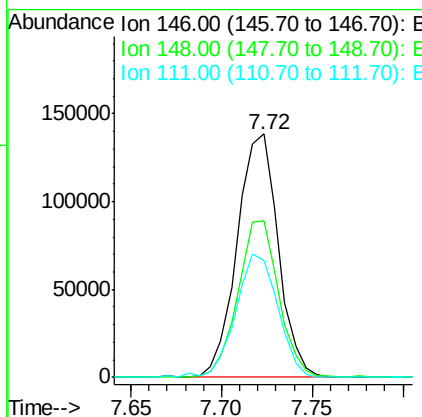
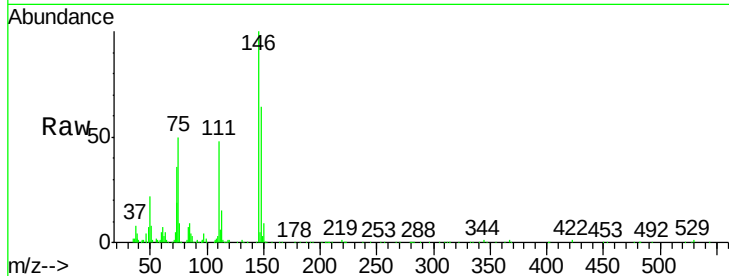
#13
 1,4-Dichlorobenzene
 Concen: 38.71 ng
 RT: 7.72 min Scan# 857
 Delta R.T. 0.00 min
 Lab File: BG015956.D
 Acq: 27 Jan 2015 21:59

Instrument :
 BNA_G
 ClientSampleId :
 DRILLCUTTINGSMS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	45.7	68.5
111	47.9	42.1	63.1

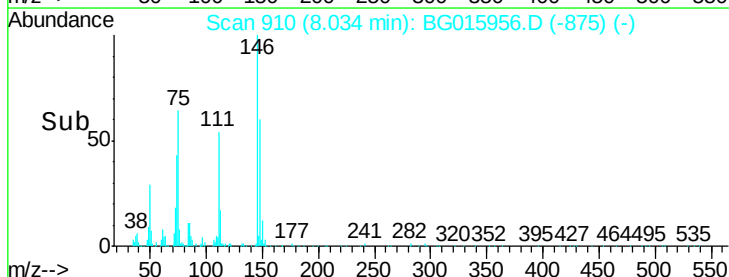
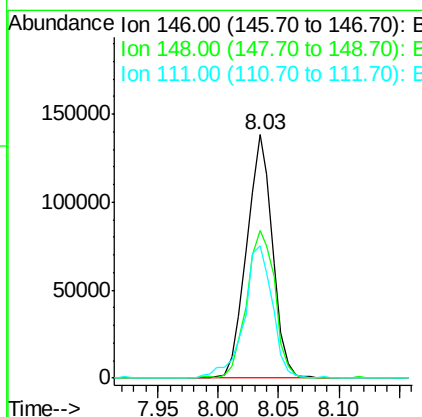
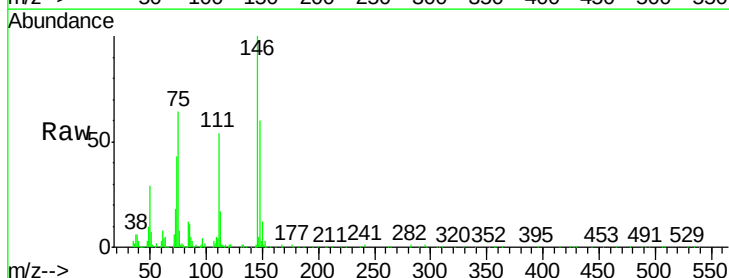
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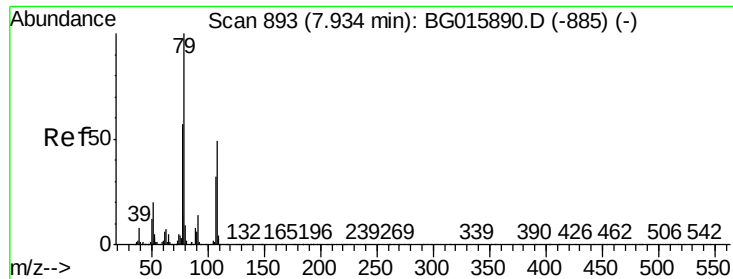
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#14
 1,2-Dichlorobenzene
 Concen: 37.37 ng
 RT: 8.03 min Scan# 910
 Delta R.T. 0.01 min
 Lab File: BG015956.D
 Acq: 27 Jan 2015 21:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.4	57.7	86.5
111	54.3	44.6	66.8





#15

Benzyl Alcohol

Concen: 37.01 ng

RT: 7.93 min Scan# 892

Delta R.T. 0.00 min

Lab File: BG015956.D

Acq: 27 Jan 2015 21:59

Instrument :

BNA_G

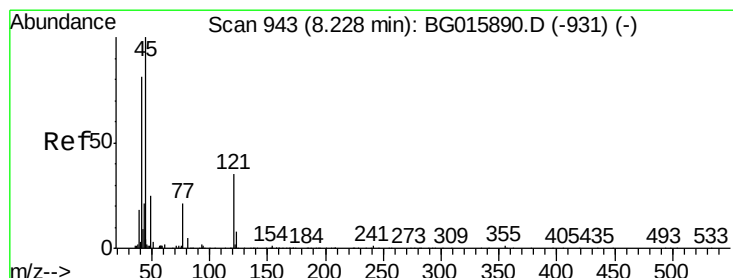
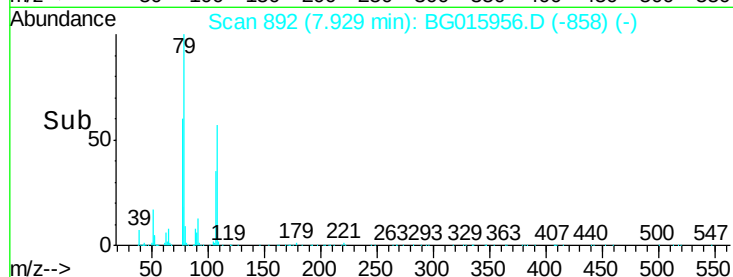
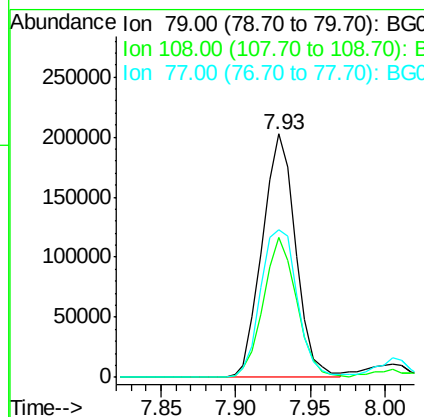
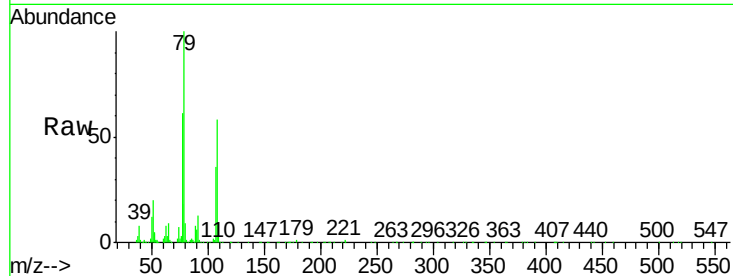
ClientSampleId :

DRILLCUTTINGSMS

Tgt Ion:	79	Resp:	313655
Ion Ratio	Lower	Upper	
79	100		
108	57.7	38.9	58.3
77	60.6	46.1	69.1

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.59 ng

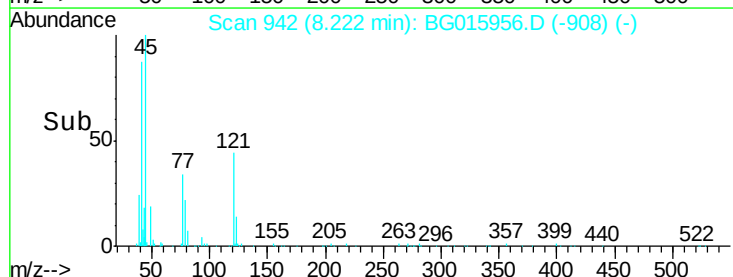
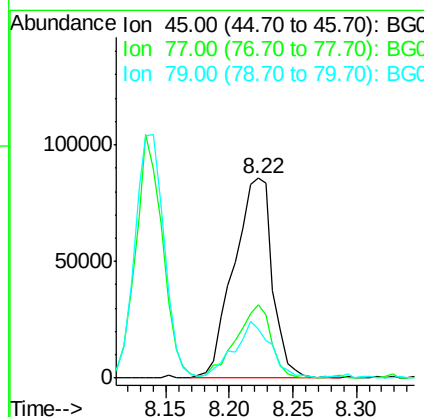
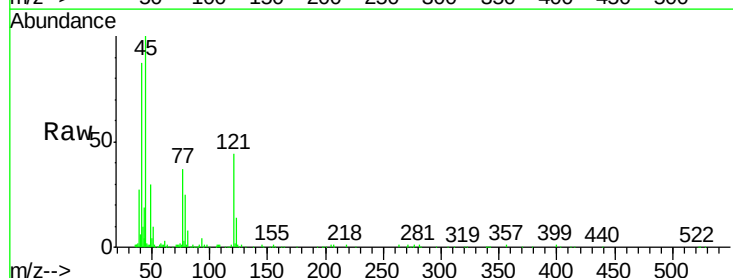
RT: 8.22 min Scan# 942

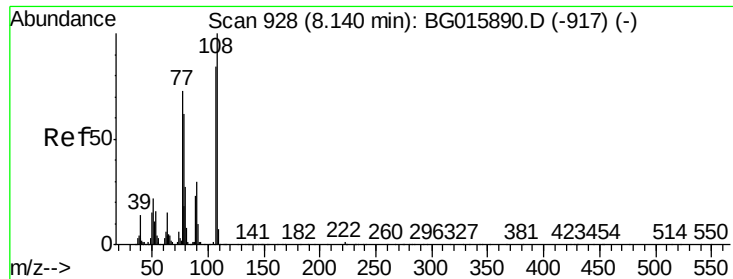
Delta R.T. 0.00 min

Lab File: BG015956.D

Acq: 27 Jan 2015 21:59

Tgt Ion:	45	Resp:	179704
Ion Ratio	Lower	Upper	
45	100		
77	36.9	16.0	56.0
79	24.8	0.0	38.7





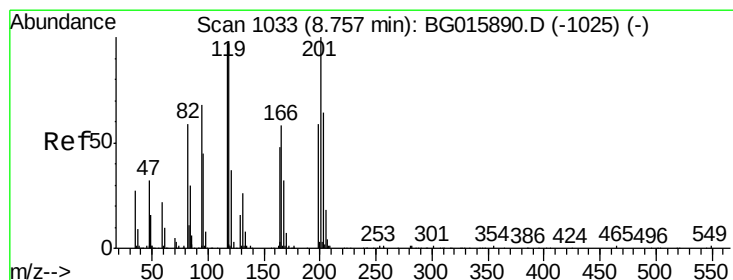
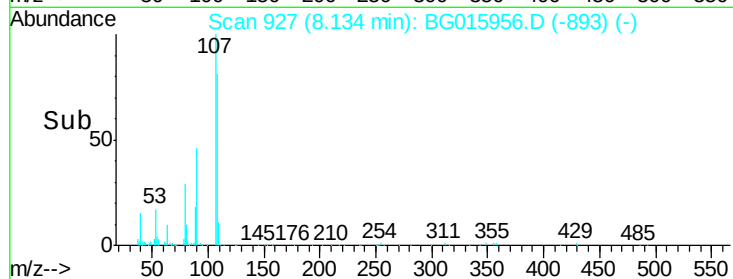
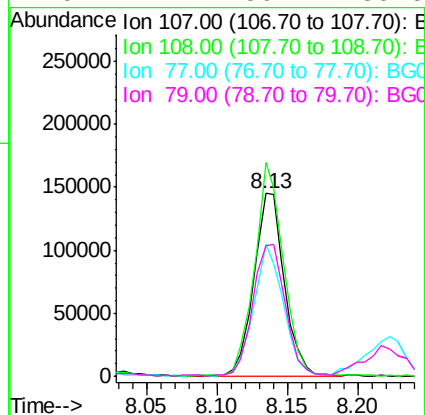
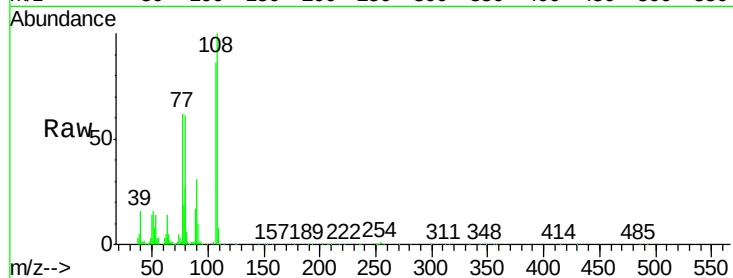
#17
2-Methylphenol
Concen: 40.38 ng
RT: 8.13 min Scan# 927
Delta R.T. 0.00 min
Lab File: BG015956.D
Acq: 27 Jan 2015 21:59

Instrument :
BNA_G
ClientSampleId :
DRILLCUTTINGSMS

Tgt	Ion	Resp	Lower	Upper
107	100			
108	116.9	95.1	142.7	
77	71.9	69.2	103.8	
79	71.7	59.7	89.5	

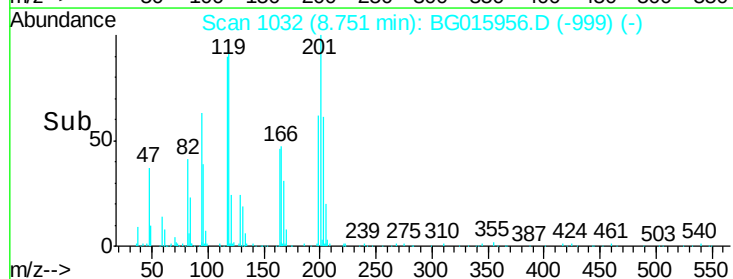
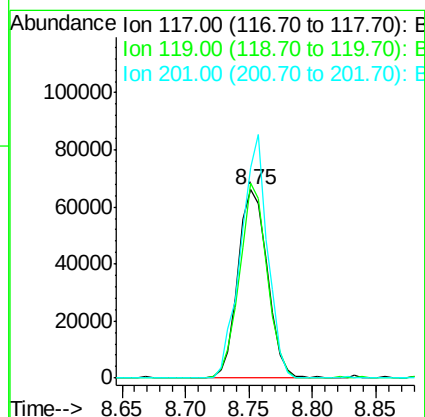
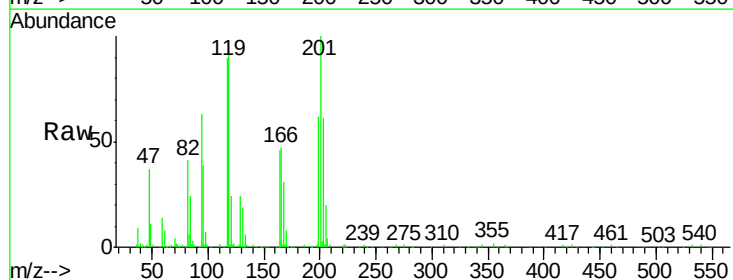
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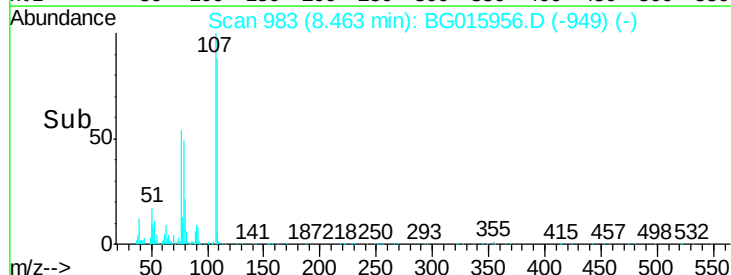
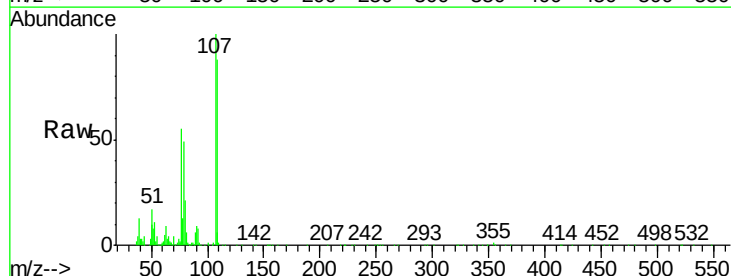
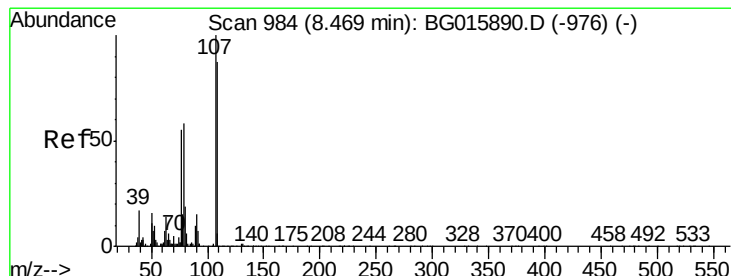
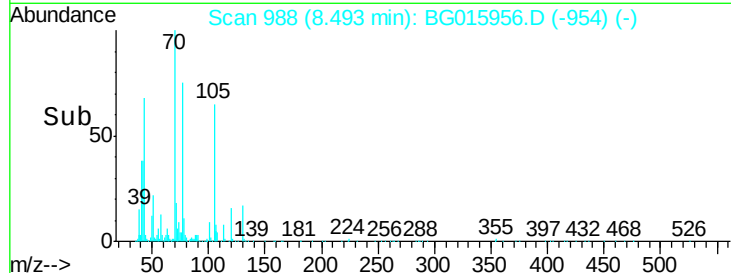
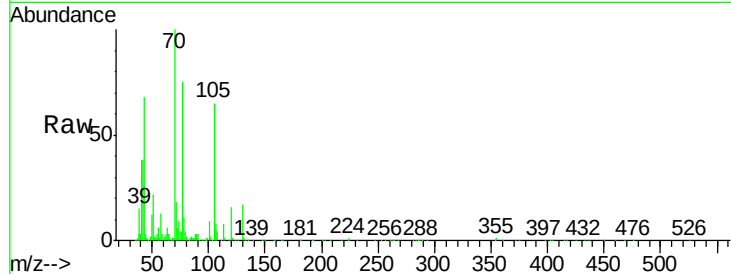
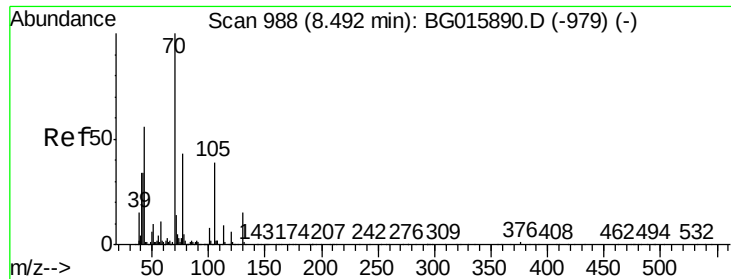
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#18
Hexachloroethane
Concen: 36.70 ng
RT: 8.75 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BG015956.D
Acq: 27 Jan 2015 21:59

Tgt	Ion	Resp	Lower	Upper
117	100			
119	105.3	80.2	120.2	
201	115.2	82.6	124.0	





#19

n-Nitroso-di-n-propylamine

Concen: 35.41 ng

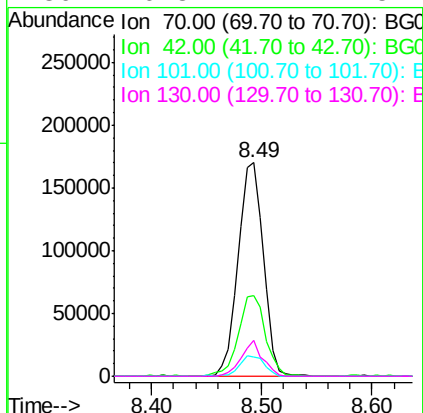
RT: 8.49 min Scan# 988

Delta R.T. 0.00 min

Lab File: BG015956.D

Acq: 27 Jan 2015 21:59

Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	37.6	26.8	40.2	
101	9.1	6.3	9.5	
130	16.8	12.2	18.4	



Instrument :
BNA_G
ClientSampleId :
DRILLCUTTINGSMS

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#20

3+4-Methylphenols

Concen: 42.25 ng

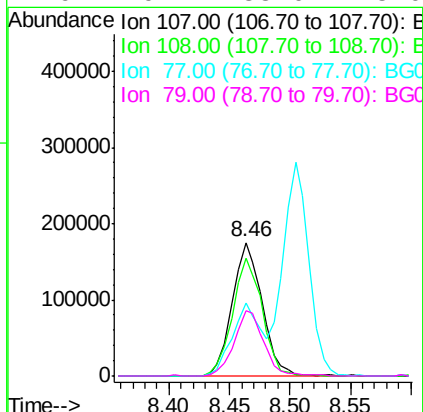
RT: 8.46 min Scan# 983

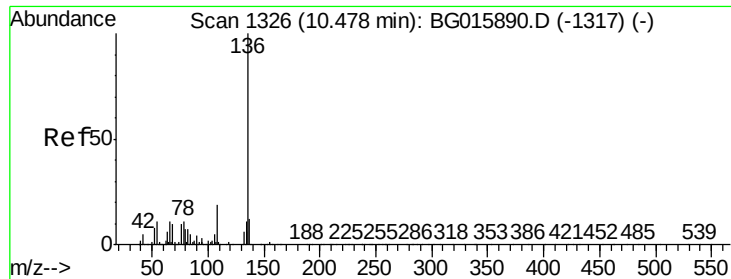
Delta R.T. 0.00 min

Lab File: BG015956.D

Acq: 27 Jan 2015 21:59

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.9	66.9	106.9	
77	54.6	34.8	74.8	
79	49.1	38.0	78.0	





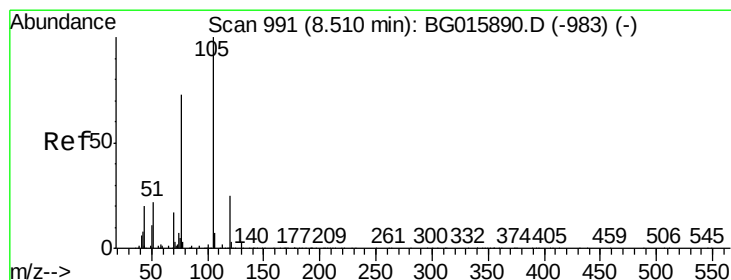
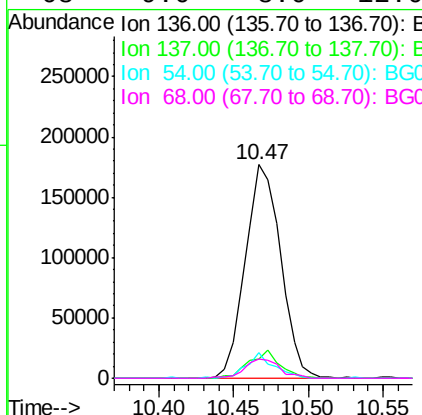
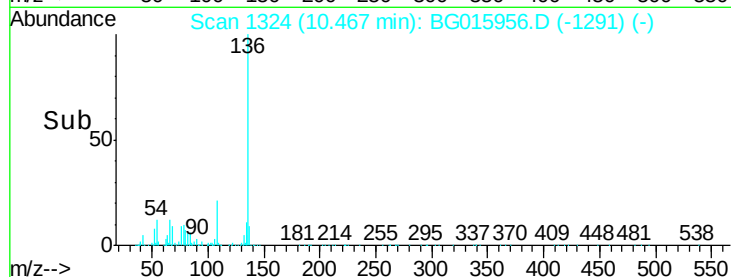
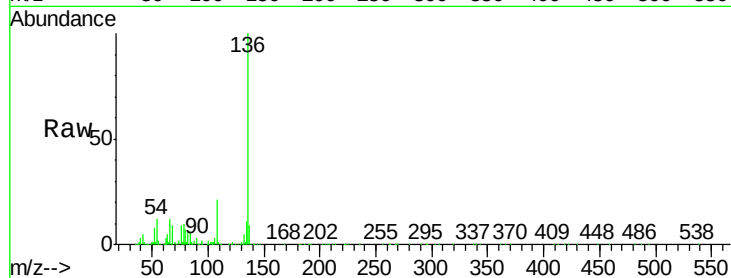
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.47 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG015956.D
Acq: 27 Jan 2015 21:59

Instrument :
BNA_G
ClientSampleId :
DRILLCUTTINGSMS

Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	8.9	9.7	14.5#
54	12.2	8.5	12.7
68	9.0	8.0	12.0

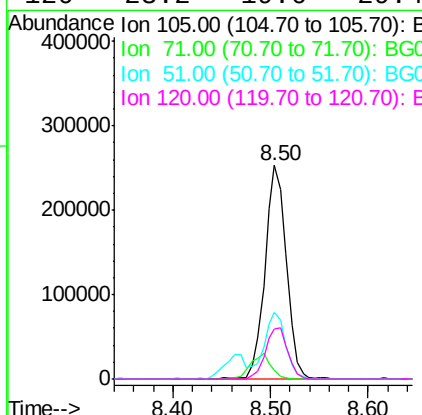
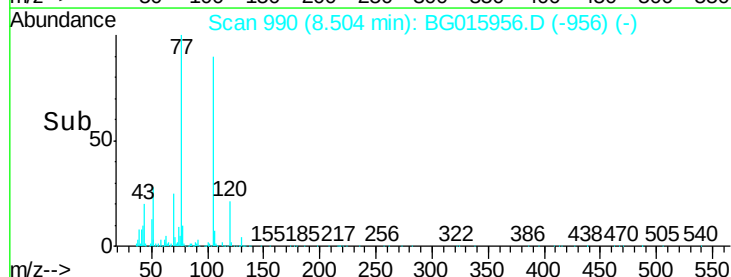
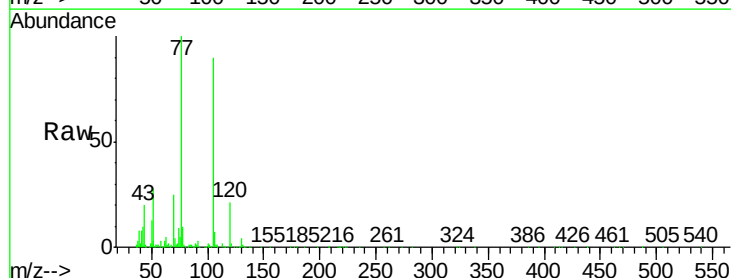
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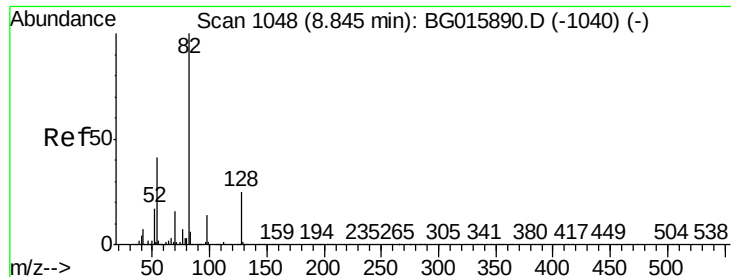
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#22
Acetophenone
Concen: 40.15 ng
RT: 8.50 min Scan# 990
Delta R.T. 0.00 min
Lab File: BG015956.D
Acq: 27 Jan 2015 21:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
71	4.1	2.4	3.6#
51	31.2	24.6	36.8
120	23.2	19.6	29.4





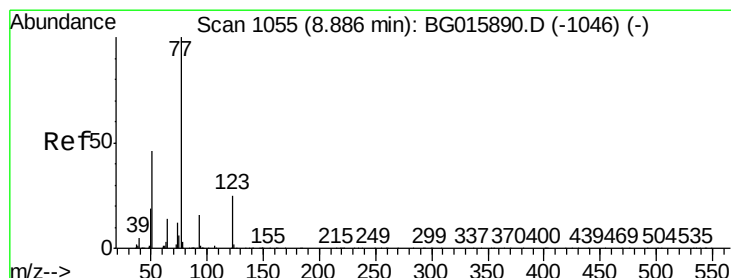
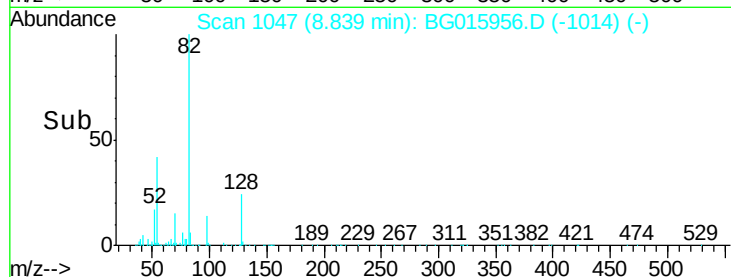
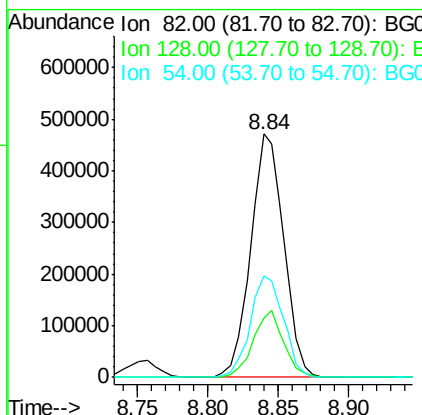
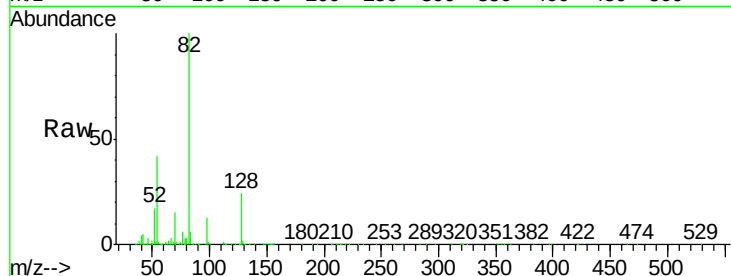
#23
 Nitrobenzene-d5
 Concen: 76.87 ng
 RT: 8.84 min Scan# 1047
 Delta R.T. -0.01 min
 Lab File: BG015956.D
 Acq: 27 Jan 2015 21:59

Instrument :
 BNA_G
 ClientSampleId :
 DRILLCUTTINGSMS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	24.4	19.8	29.8
54	41.5	33.0	49.4

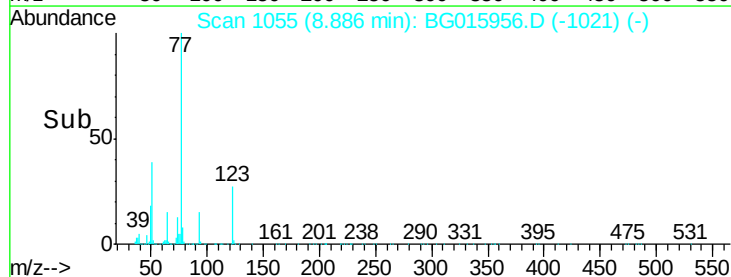
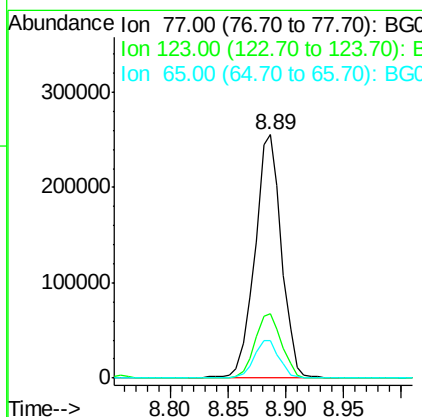
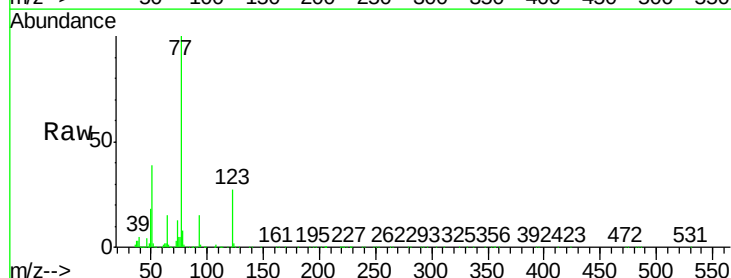
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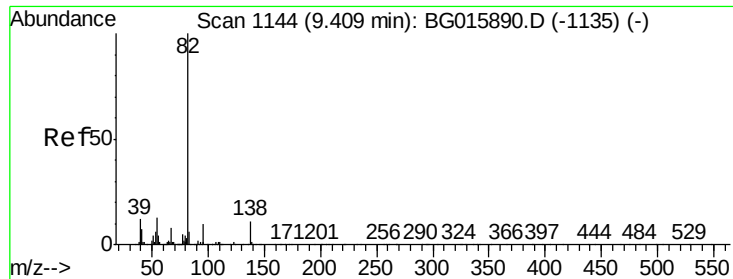
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#24
 Nitrobenzene
 Concen: 38.72 ng
 RT: 8.89 min Scan# 1055
 Delta R.T. 0.00 min
 Lab File: BG015956.D
 Acq: 27 Jan 2015 21:59

Tgt Ion	Ratio	Lower	Upper
77	100		
123	26.6	20.0	30.0
65	15.2	11.0	16.4





#25

Isophorone

Concen: 40.06 ng

RT: 9.40 min Scan# 1143

Delta R.T. 0.00 min

Lab File: BG015956.D

Acq: 27 Jan 2015 21:59

Instrument :

BNA_G

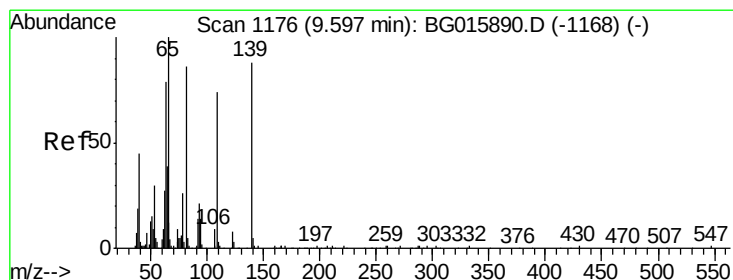
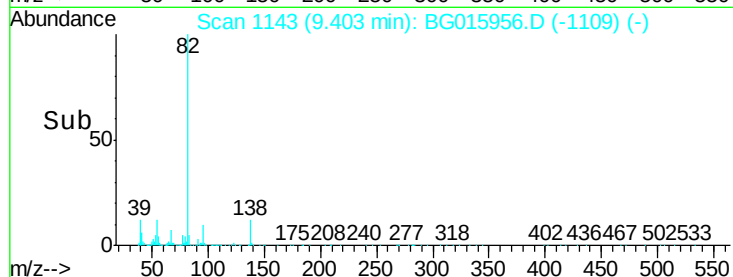
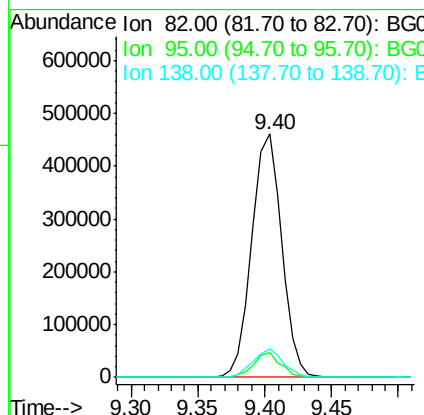
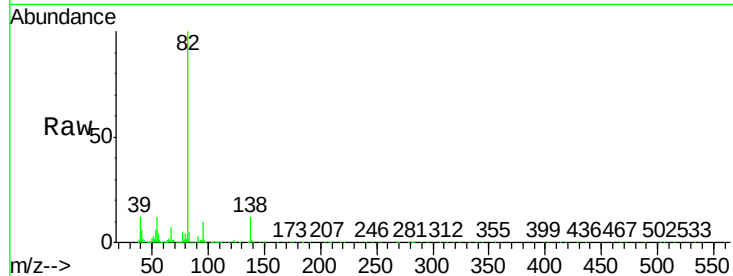
ClientSampleId :

DRILLCUTTINGSMS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	712933		
95	10.0	8.1	12.1	
138	11.6	9.1	13.7	

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#26

2-Nitrophenol

Concen: 41.56 ng

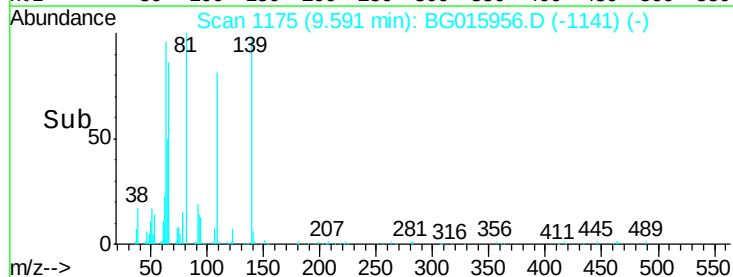
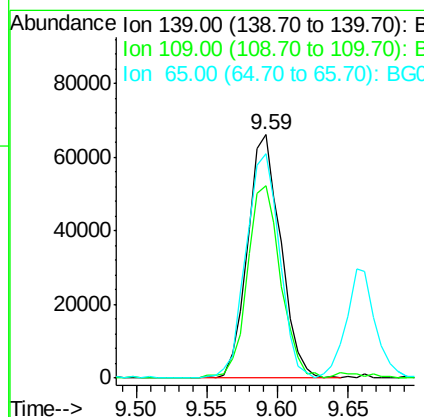
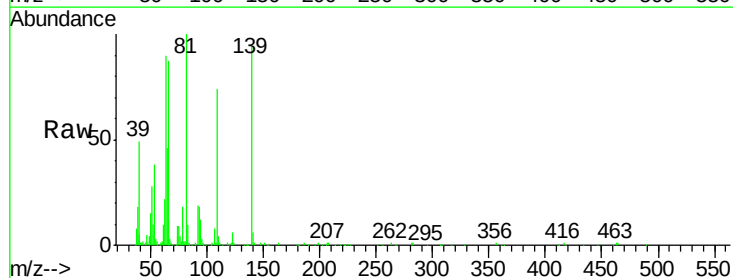
RT: 9.59 min Scan# 1175

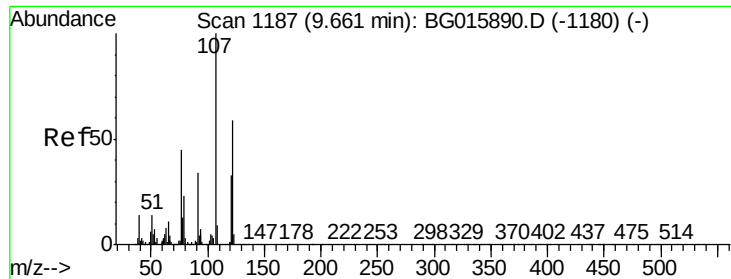
Delta R.T. 0.00 min

Lab File: BG015956.D

Acq: 27 Jan 2015 21:59

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	108954		
109	78.8	67.2	100.8	
65	92.4	91.3	136.9	





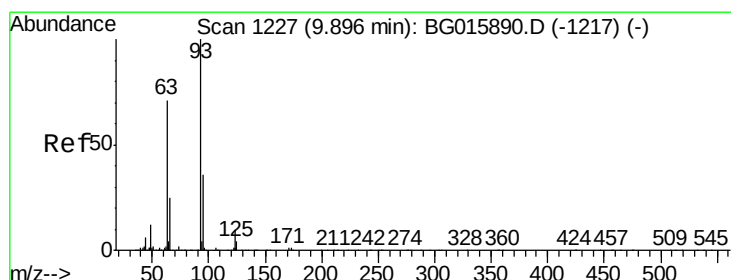
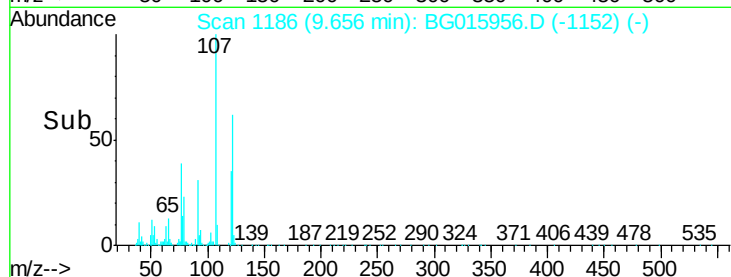
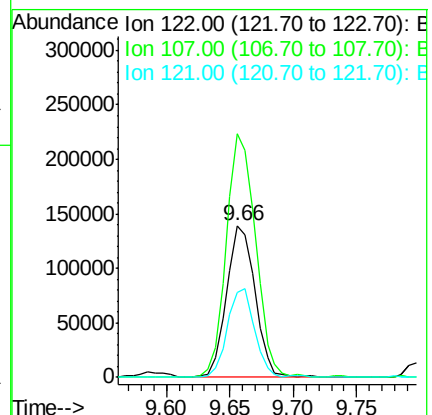
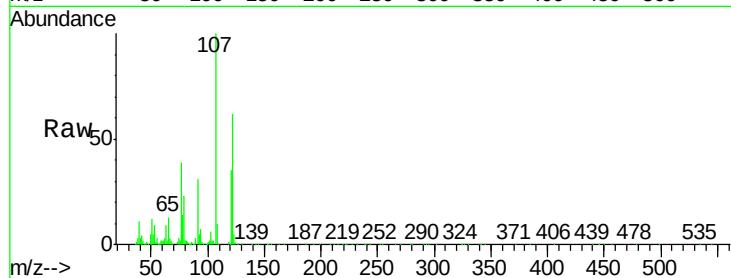
#27
2,4-Dimethylphenol
Concen: 43.29 ng
RT: 9.66 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BG015956.D
Acq: 27 Jan 2015 21:59

Instrument :
BNA_G
ClientSampleId :
DRILLCUTTINGSMS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	217195		
107	160.4	136.8	205.2	
121	55.8	44.9	67.3	

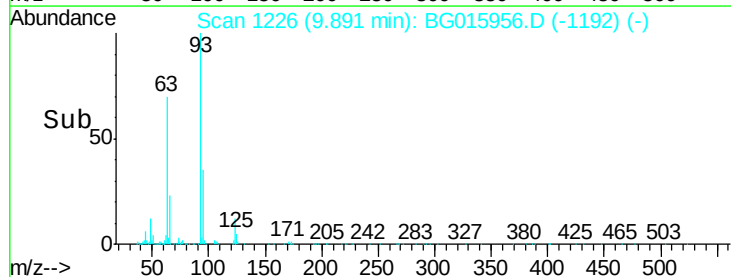
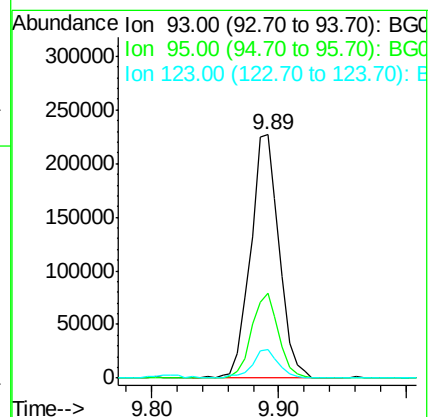
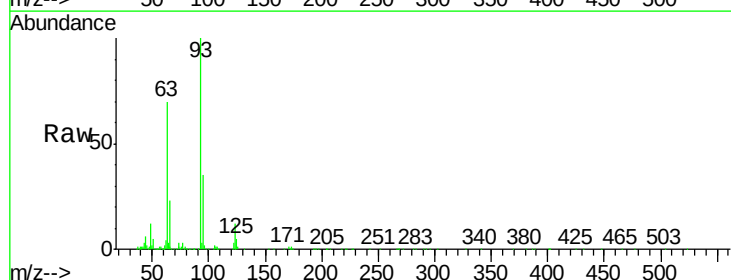
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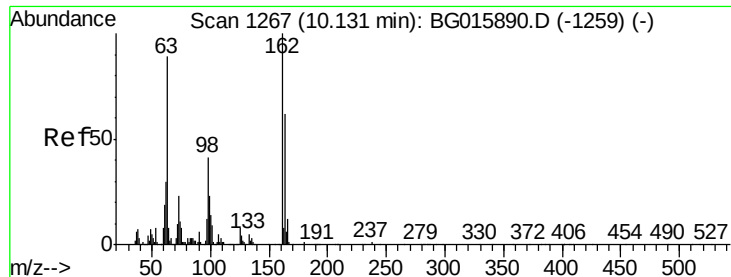
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#28
bis(2-Chloroethoxy)methane
Concen: 41.12 ng
RT: 9.89 min Scan# 1226
Delta R.T. 0.00 min
Lab File: BG015956.D
Acq: 27 Jan 2015 21:59

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	354251		
95	35.1	28.6	42.8	
123	11.9	7.9	11.9	





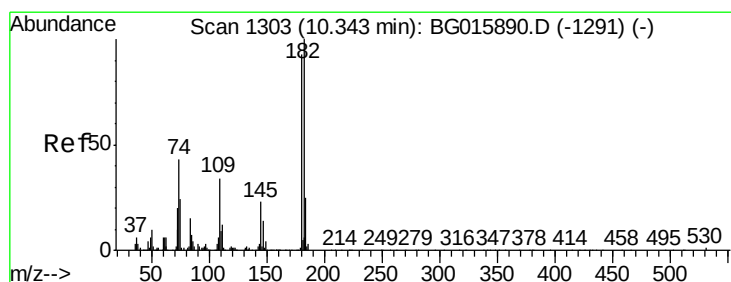
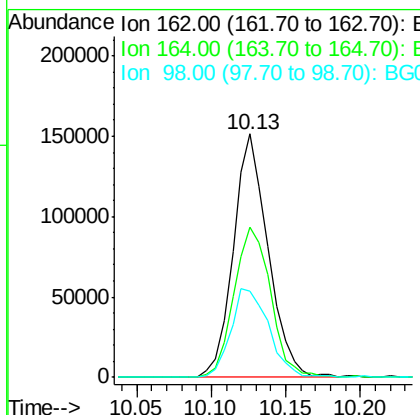
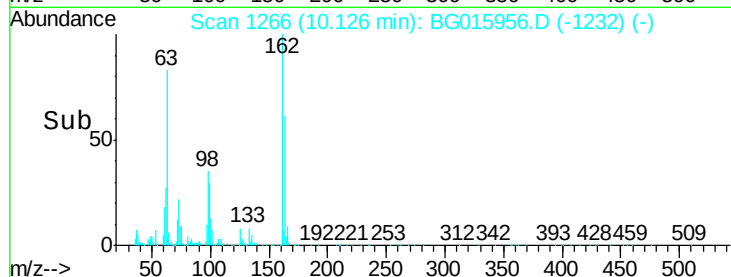
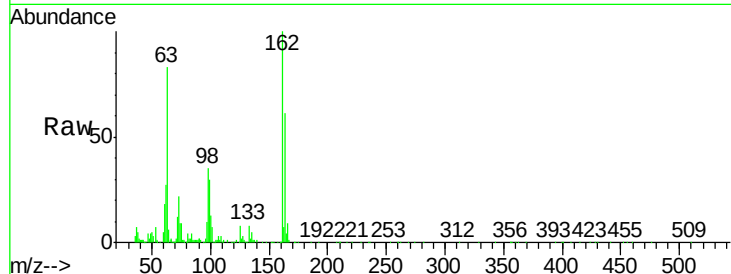
#29
 2,4-Dichlorophenol
 Concen: 46.67 ng
 RT: 10.13 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: BG015956.D
 Acq: 27 Jan 2015 21:59

Instrument :
 BNA_G
 ClientSampleId :
 DRILLCUTTINGSMS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	244511		
164	61.5	42.5	82.5	
98	35.2	21.1	61.1	

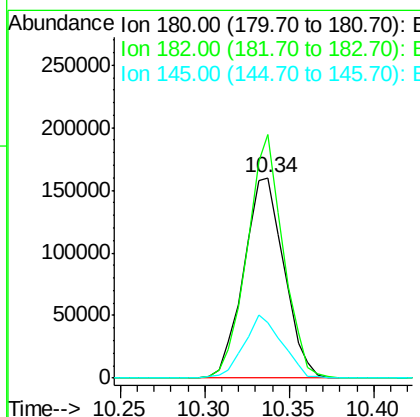
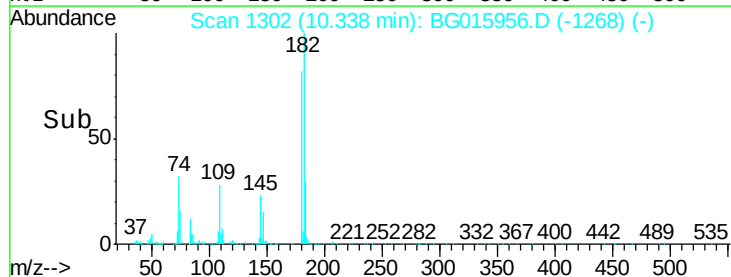
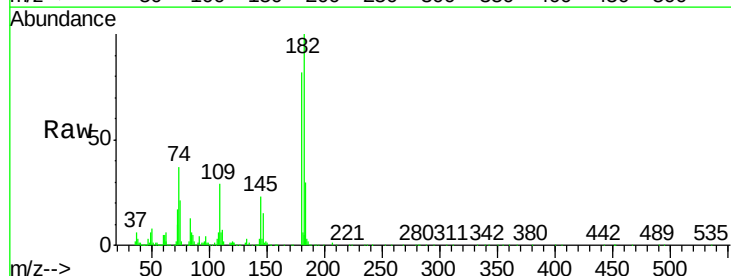
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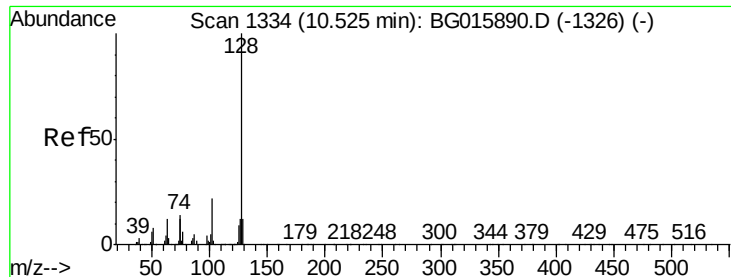
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#30
 1,2,4-Trichlorobenzene
 Concen: 41.94 ng
 RT: 10.34 min Scan# 1302
 Delta R.T. 0.00 min
 Lab File: BG015956.D
 Acq: 27 Jan 2015 21:59

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	266433		
182	121.3	86.4	129.6	
145	27.9	20.1	30.1	





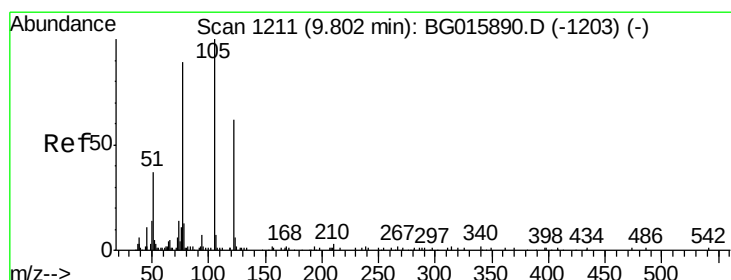
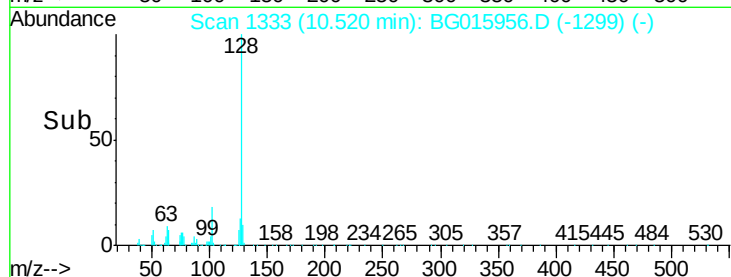
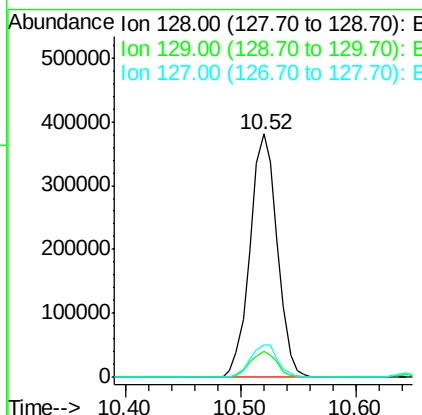
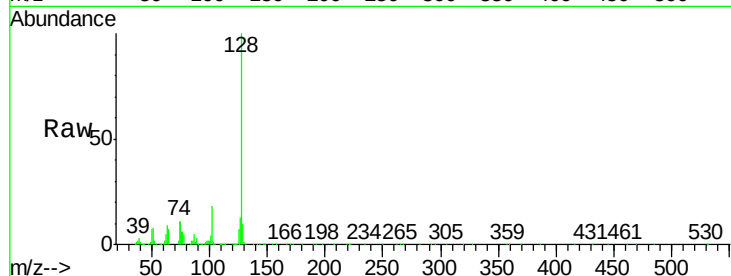
#31
Naphthalene
Concen: 42.04 ng
RT: 10.52 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BG015956.D
Acq: 27 Jan 2015 21:59

Instrument :
BNA_G
ClientSampleId :
DRILLCUTTINGSMS

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.5	9.7	14.5
127	13.3	9.8	14.6

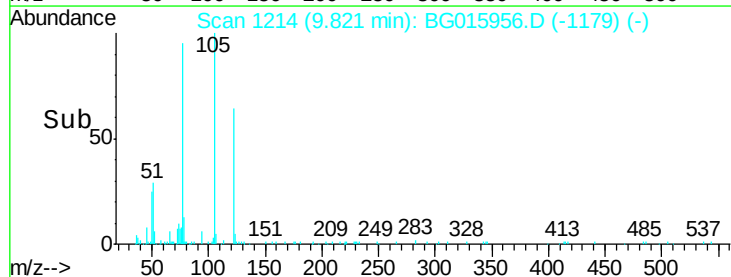
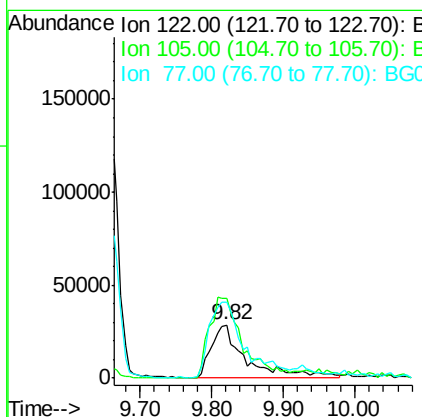
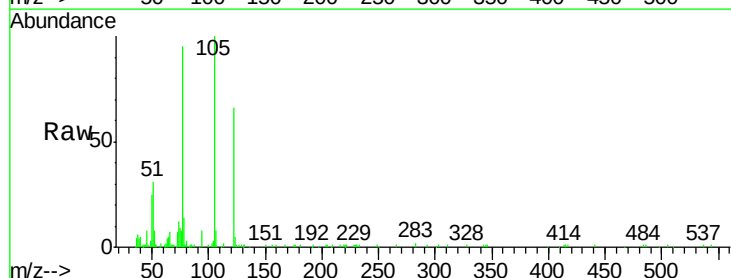
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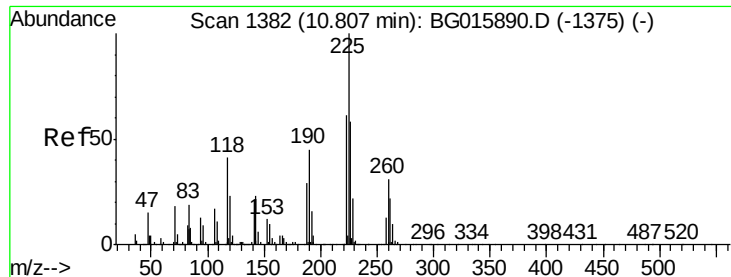
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#32
Benzoic acid
Concen: 53.98 ng m
RT: 9.82 min Scan# 1214
Delta R.T. 0.01 min
Lab File: BG015956.D
Acq: 27 Jan 2015 21:59

Tgt Ion	Ratio	Lower	Upper
122	100		
105	151.0	140.2	180.2
77	144.0	126.4	166.4





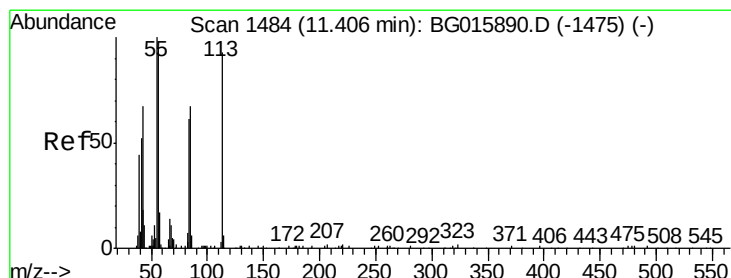
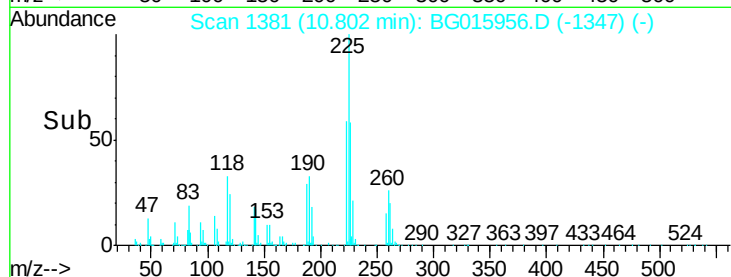
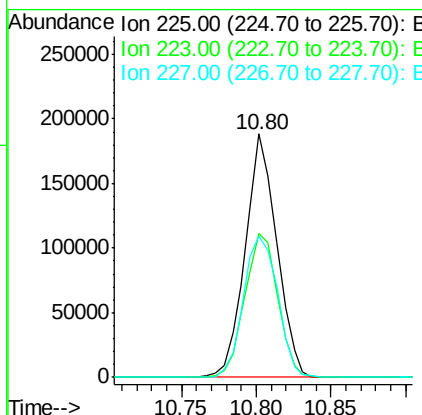
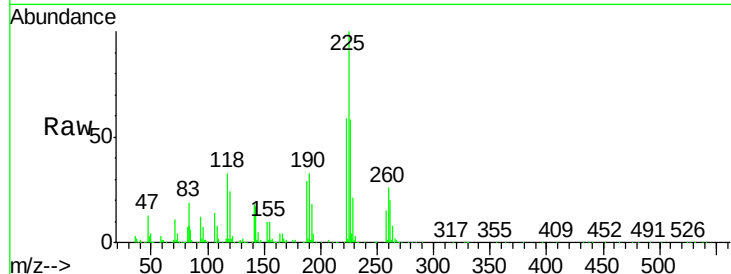
#34
Hexachlorobutadiene
Concen: 44.33 ng
RT: 10.80 min Scan# 1381
Delta R.T. 0.00 min
Lab File: BG015956.D
Acq: 27 Jan 2015 21:59

Instrument :
BNA_G
ClientSampleId :
DRILLCUTTINGSMS

Tgt Ion	Ratio	Lower	Upper
225	100		
223	57.0	49.9	74.9
227	56.2	45.3	67.9

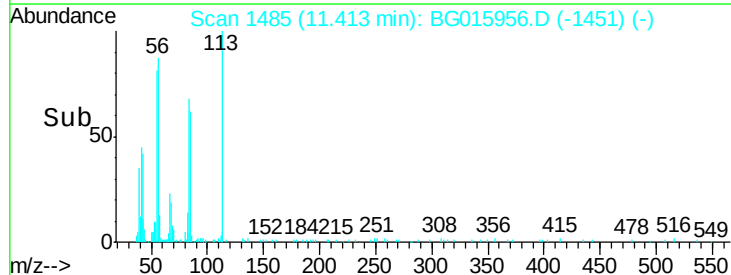
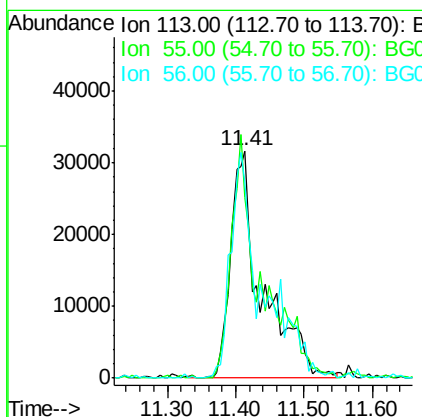
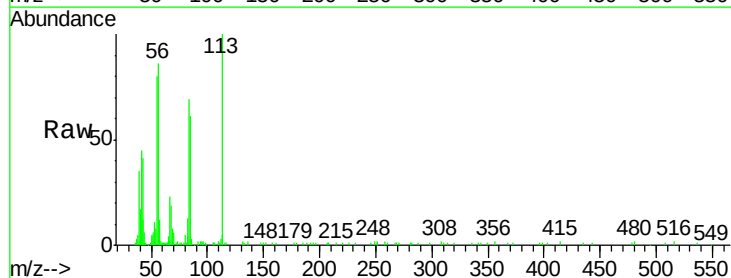
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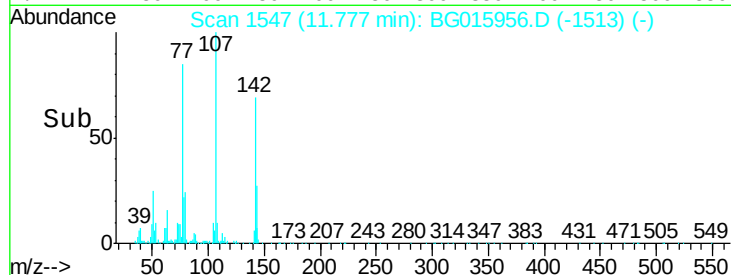
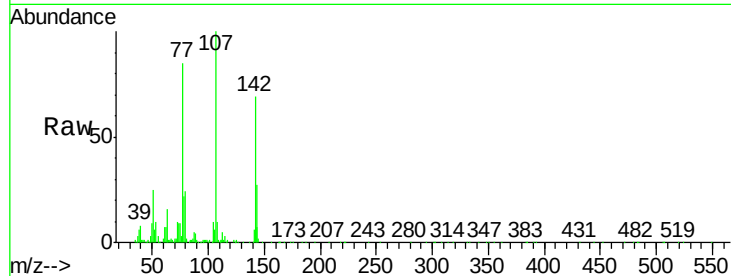
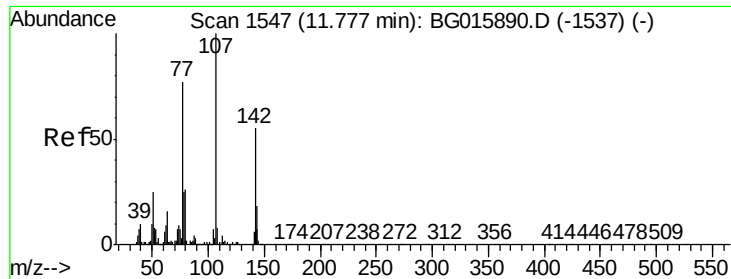
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#35
Caprolactam
Concen: 39.28 ng m
RT: 11.41 min Scan# 1485
Delta R.T. 0.00 min
Lab File: BG015956.D
Acq: 27 Jan 2015 21:59

Tgt Ion	Ratio	Lower	Upper
113	100		
55	79.6	89.2	129.2#
56	86.2	82.4	122.4





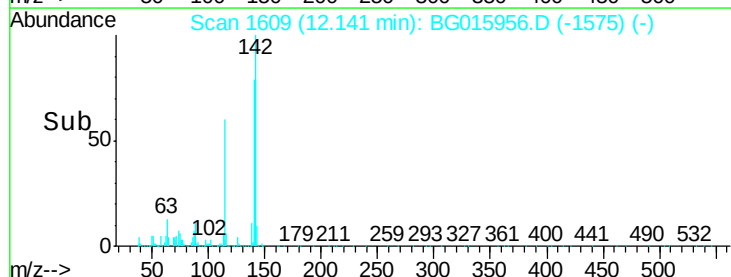
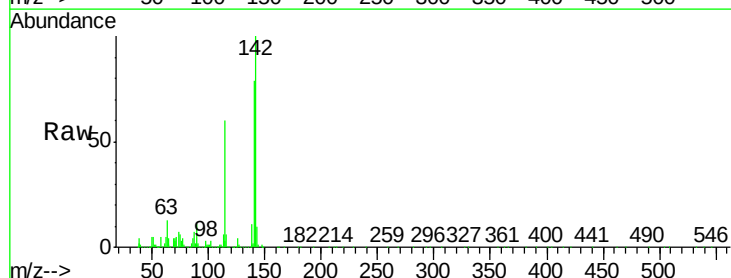
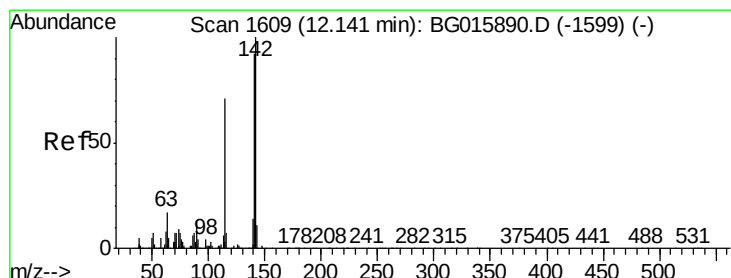
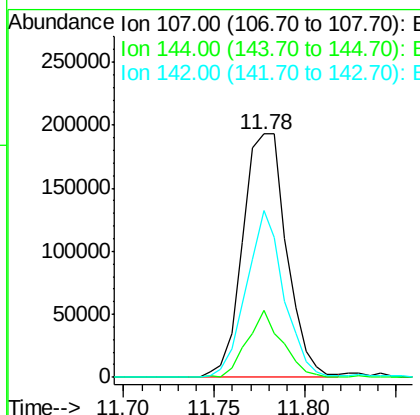
#36
4-Chloro-3-methylphenol
Concen: 42.24 ng
RT: 11.78 min Scan# 1547
Delta R.T. 0.00 min
Lab File: BG015956.D
Acq: 27 Jan 2015 21:59

Instrument :
BNA_G
ClientSampleId :
DRILLCUTTINGSMS

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.3	14.6	22.0#
142	68.6	43.8	65.6#

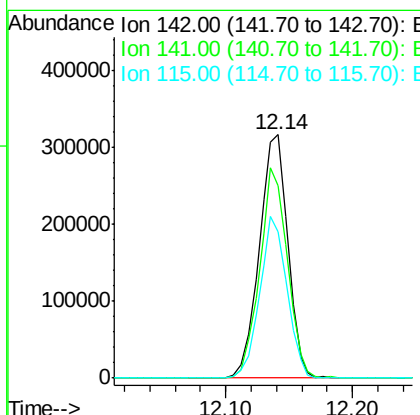
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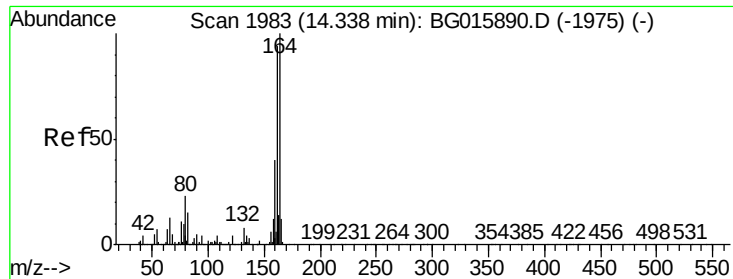
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#37
2-Methylnaphthalene
Concen: 42.10 ng
RT: 12.14 min Scan# 1609
Delta R.T. 0.00 min
Lab File: BG015956.D
Acq: 27 Jan 2015 21:59

Tgt Ion	Ratio	Lower	Upper
142	100		
141	78.8	73.8	110.8
115	60.2	56.6	84.8





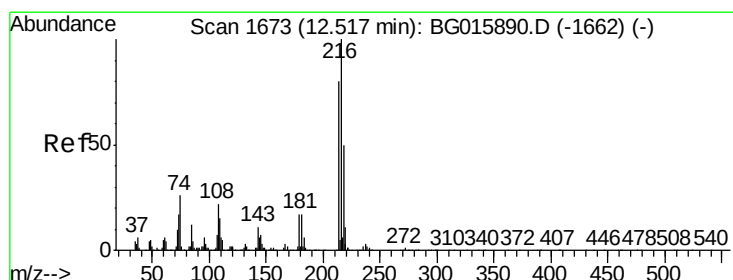
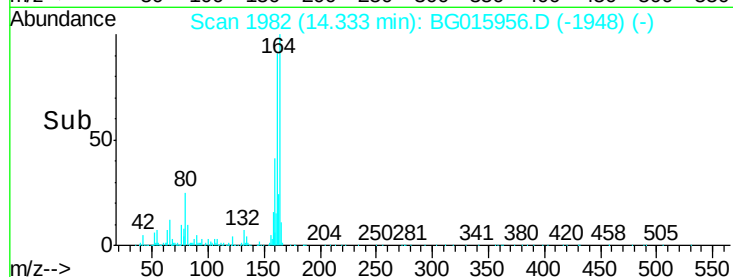
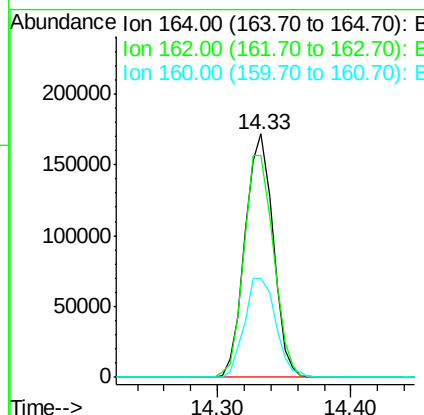
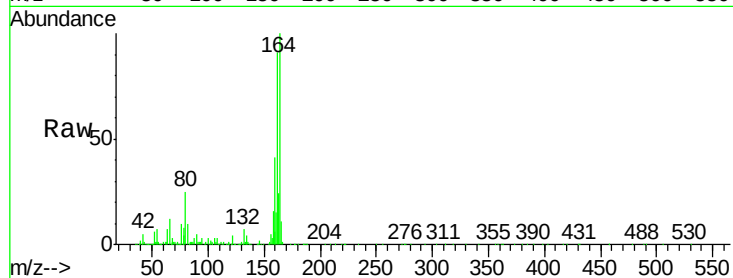
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.33 min Scan# 1982
Delta R.T. 0.00 min
Lab File: BG015956.D
Acq: 27 Jan 2015 21:59

Instrument :
BNA_G
ClientSampleId :
DRILLCUTTINGSMS

Tgt Ion	Ratio	Lower	Upper
164	100		
162	91.1	75.1	112.7
160	40.9	32.3	48.5

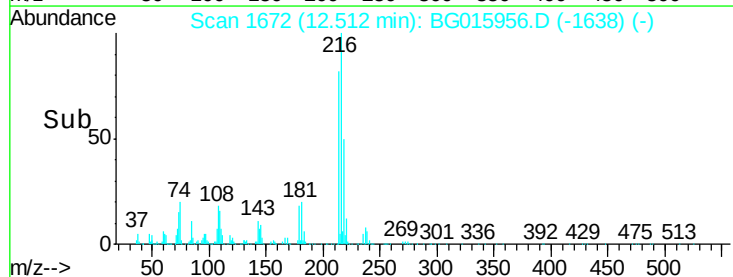
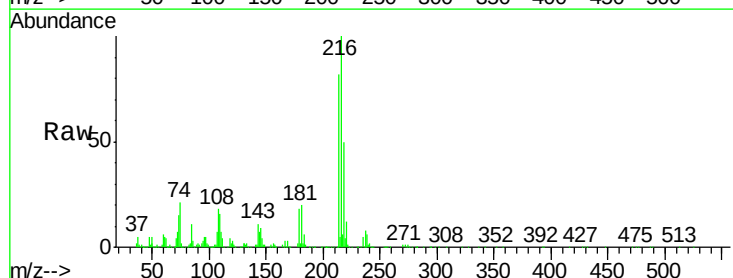
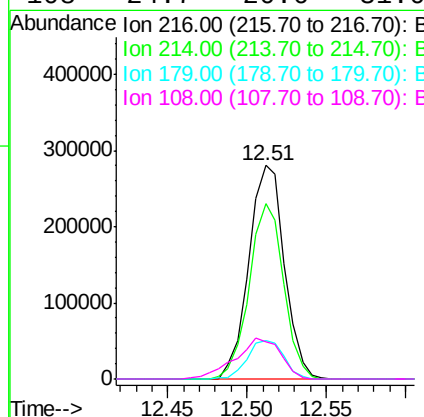
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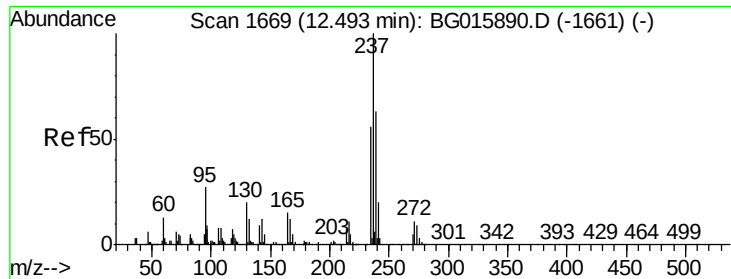
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#39
1,2,4,5-Tetrachlorobenzene
Concen: 45.93 ng
RT: 12.51 min Scan# 1672
Delta R.T. 0.00 min
Lab File: BG015956.D
Acq: 27 Jan 2015 21:59

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.6	64.1	96.1
179	18.5	14.5	21.7
108	24.7	20.6	31.0





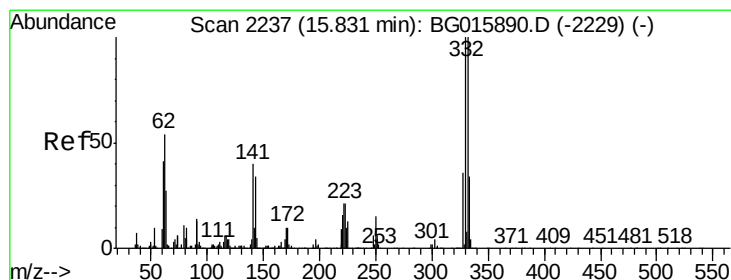
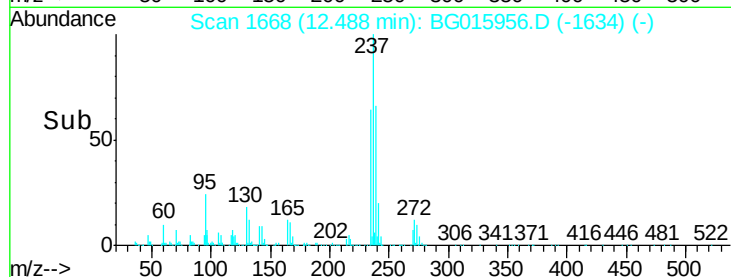
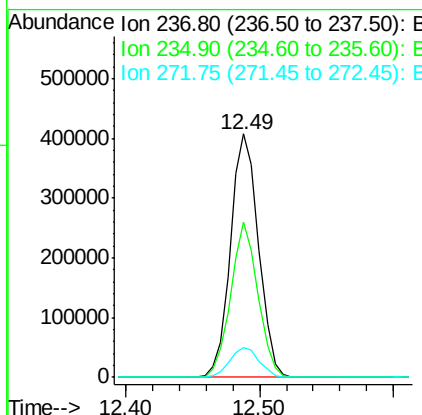
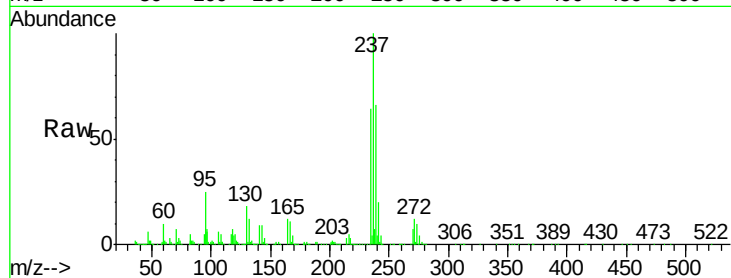
#40
Hexachlorocyclopentadiene
Concen: 82.78 ng
RT: 12.49 min Scan# 1668
Delta R.T. 0.00 min
Lab File: BG015956.D
Acq: 27 Jan 2015 21:59

Instrument :
BNA_G
ClientSampleId :
DRILLCUTTINGSMS

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	593092		
235	64.0	36.2	76.2	
272	12.4	0.0	31.4	

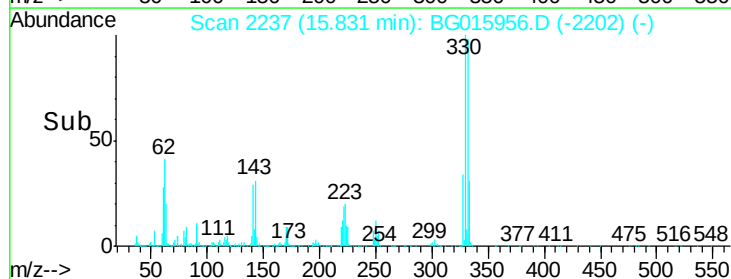
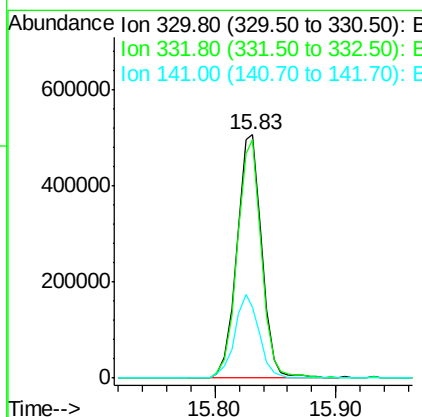
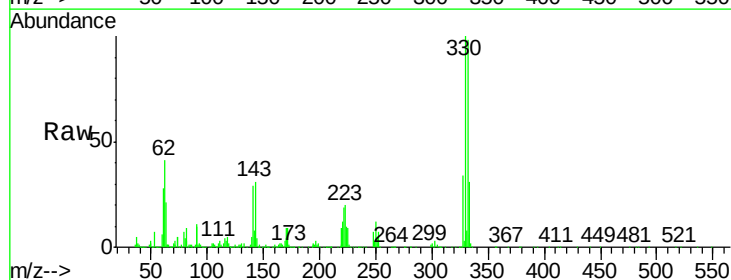
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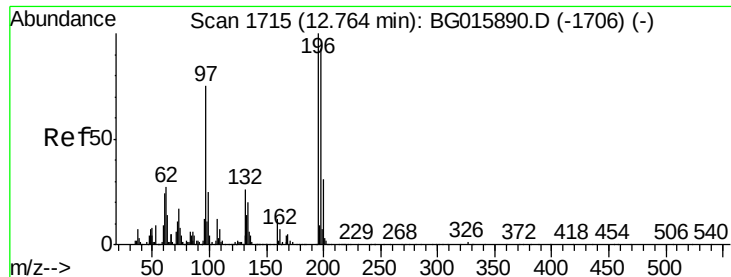
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#41
2,4,6-Tribromophenol
Concen: 158.60 ng
RT: 15.83 min Scan# 2237
Delta R.T. 0.01 min
Lab File: BG015956.D
Acq: 27 Jan 2015 21:59

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	723924		
332	95.8	75.4	113.0	
141	34.0	33.0	49.6	





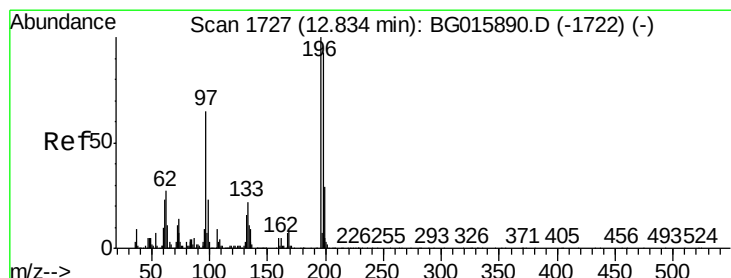
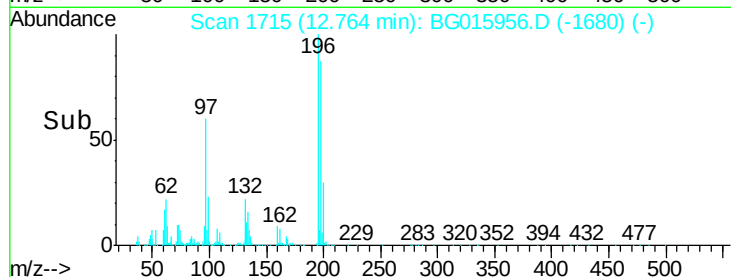
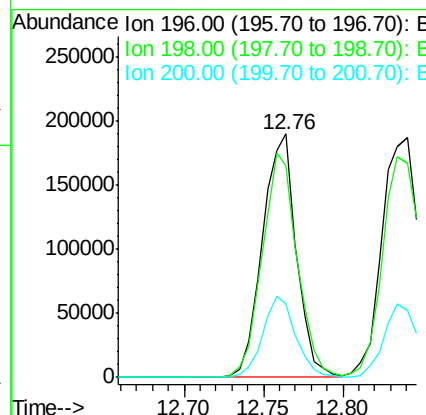
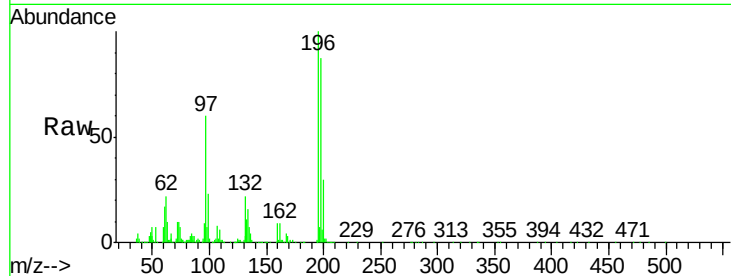
#42
 2,4,6-Trichlorophenol
 Concen: 50.81 ng
 RT: 12.76 min Scan# 1715
 Delta R.T. 0.01 min
 Lab File: BG015956.D
 Acq: 27 Jan 2015 21:59

Instrument :
 BNA_G
 ClientSampleId :
 DRILLCUTTINGSMS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	282968		
198	87.0	74.1	111.1	
200	30.2	24.6	37.0	

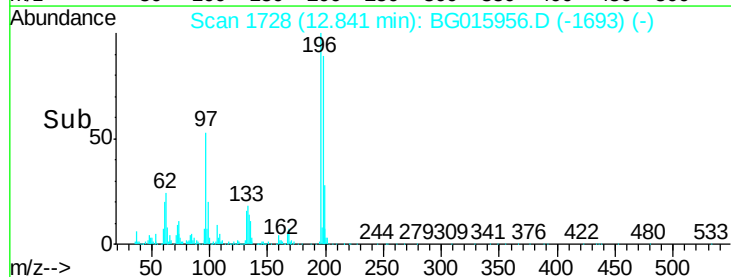
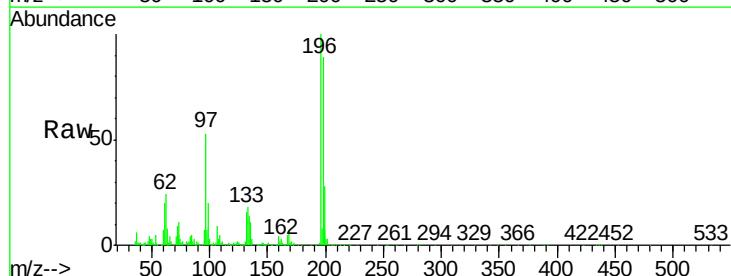
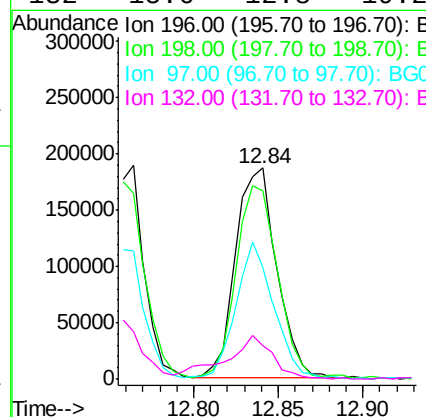
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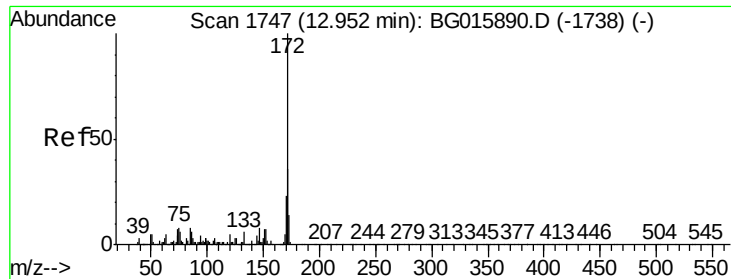
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#43
 2,4,5-Trichlorophenol
 Concen: 50.25 ng
 RT: 12.84 min Scan# 1728
 Delta R.T. 0.01 min
 Lab File: BG015956.D
 Acq: 27 Jan 2015 21:59

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	316380		
198	89.4	74.7	112.1	
97	52.8	52.5	78.7	
132	15.6	12.8	19.2	





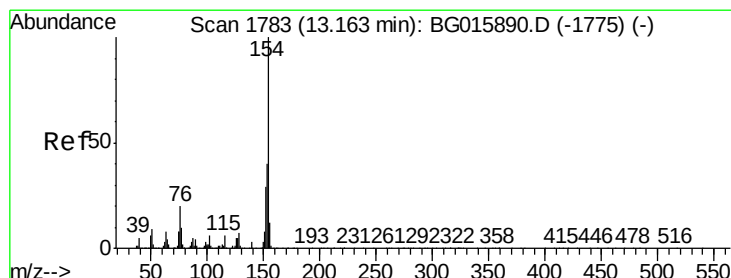
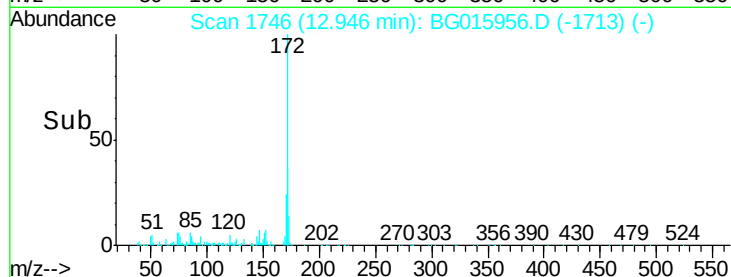
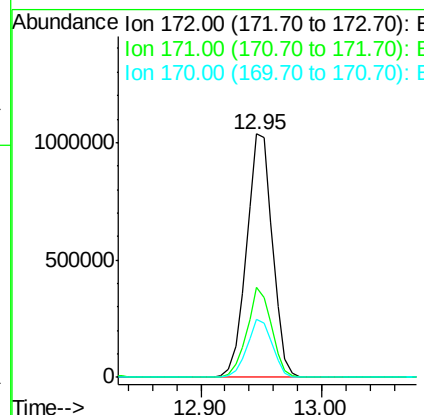
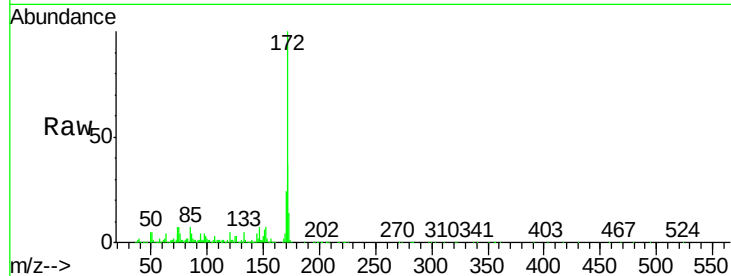
#44
2-Fluorobiphenyl
Concen: 97.26 ng
RT: 12.95 min Scan# 1746
Delta R.T. -0.01 min
Lab File: BG015956.D
Acq: 27 Jan 2015 21:59

Instrument :
BNA_G
ClientSampleId :
DRILLCUTTINGSMS

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.2	43.8
170	24.1	18.6	27.8

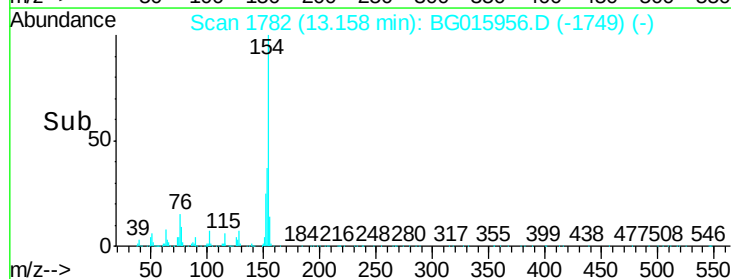
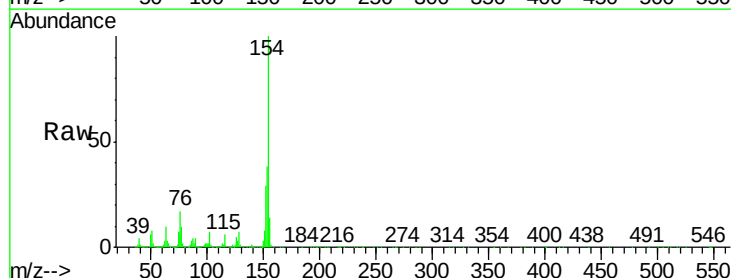
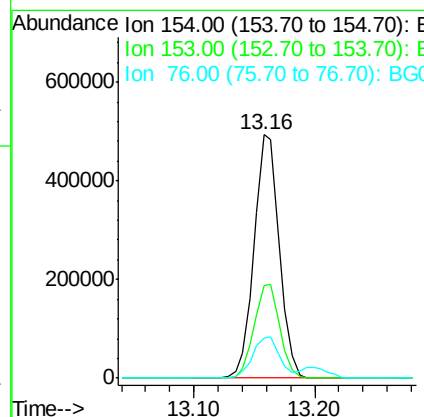
Manual Integrations
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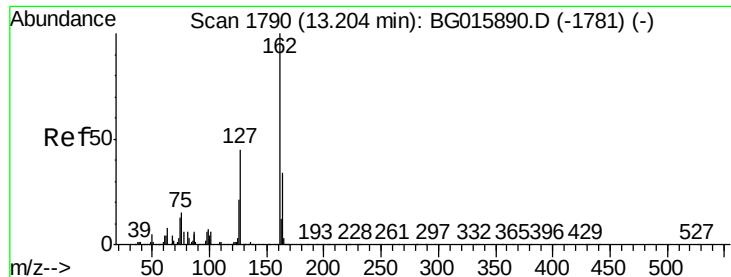
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#45
1,1'-Biphenyl
Concen: 45.51 ng
RT: 13.16 min Scan# 1782
Delta R.T. -0.01 min
Lab File: BG015956.D
Acq: 27 Jan 2015 21:59

Tgt Ion	Ratio	Lower	Upper
154	100		
153	38.0	20.4	60.4
76	16.6	0.2	40.2





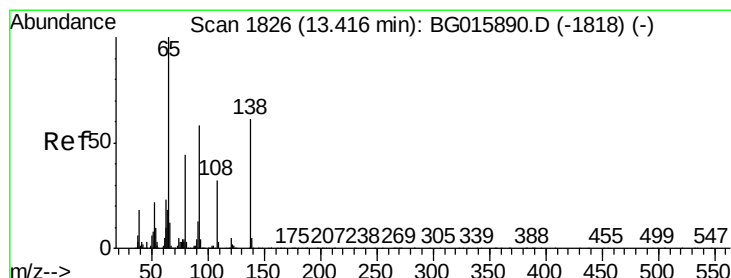
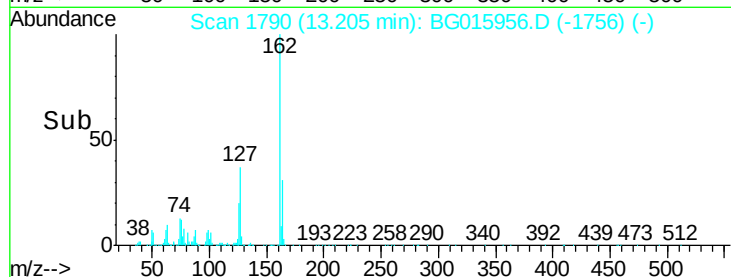
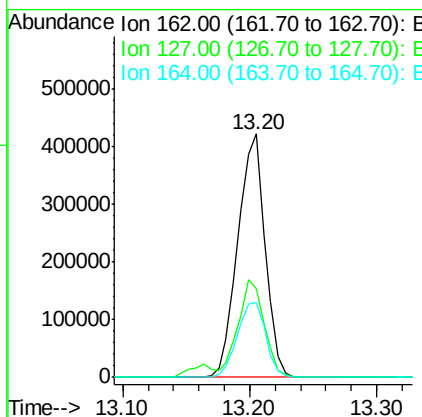
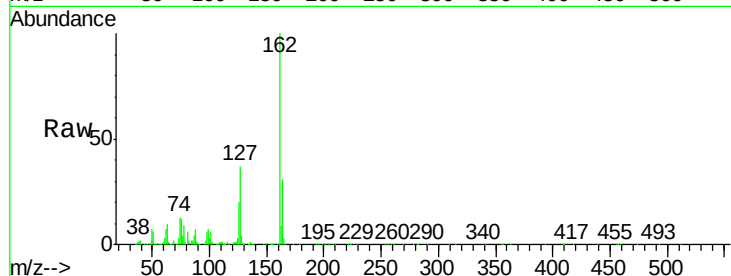
#46
2-Chloronaphthalene
Concen: 47.15 ng
RT: 13.20 min Scan# 1790
Delta R.T. 0.00 min
Lab File: BG015956.D
Acq: 27 Jan 2015 21:59

Instrument :
BNA_G
ClientSampleId :
DRILLCUTTINGSMS

Tgt Ion	Ratio	Lower	Upper
162	100		
127	36.6	37.1	55.7#
164	30.8	27.0	40.4

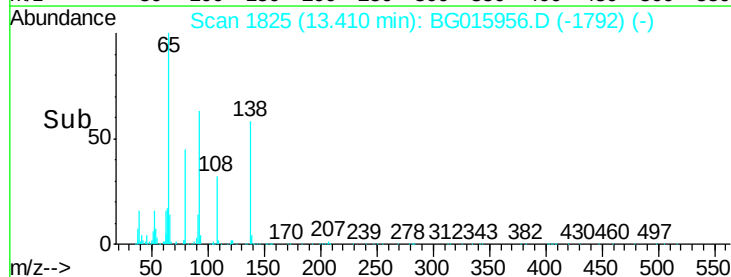
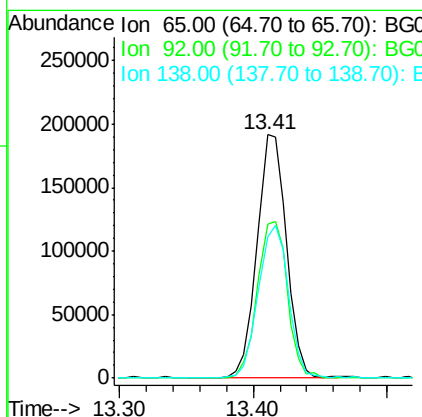
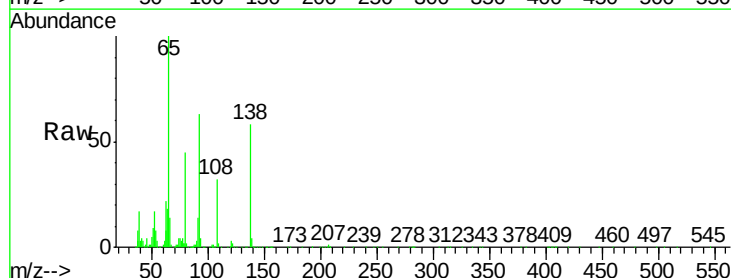
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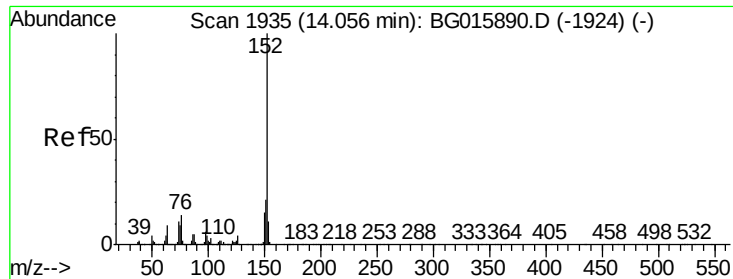
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#47
2-Nitroaniline
Concen: 42.96 ng
RT: 13.41 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BG015956.D
Acq: 27 Jan 2015 21:59

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.2	46.6	70.0
138	58.2	49.0	73.6





#48

Acenaphthylene

Concen: 47.28 ng

RT: 14.05 min Scan# 1934

Delta R.T. 0.00 min

Lab File: BG015956.D

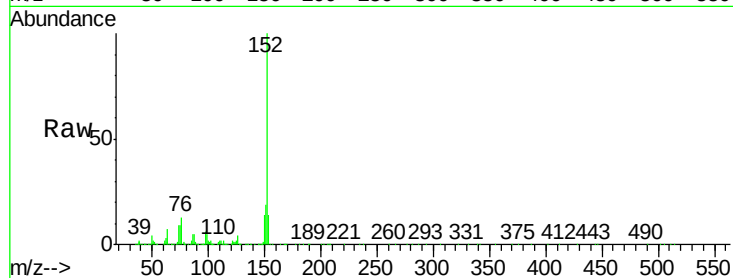
Acq: 27 Jan 2015 21:59

Instrument :

BNA_G

ClientSampleId :

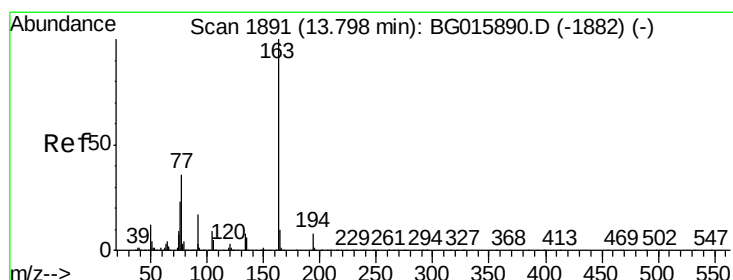
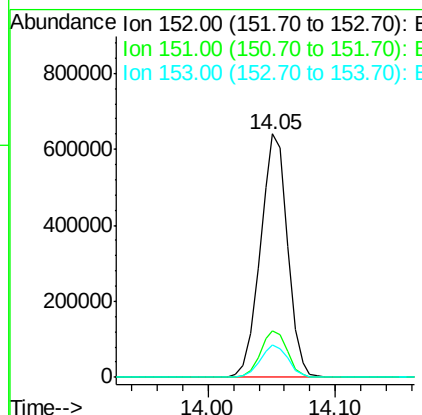
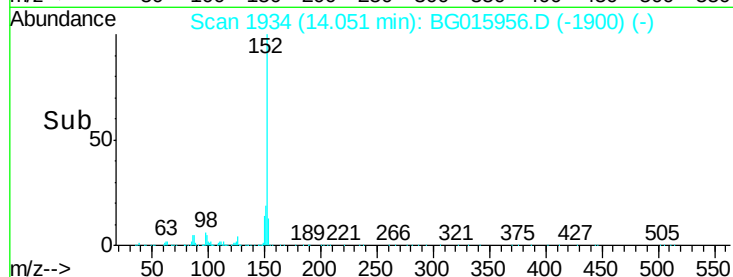
DRILLCUTTINGSMS



Tgt Ion	Ratio	Lower	Upper
152	100		
151	18.8	16.6	24.8
153	13.5	8.9	13.3#

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#49

Dimethylphthalate

Concen: 47.06 ng

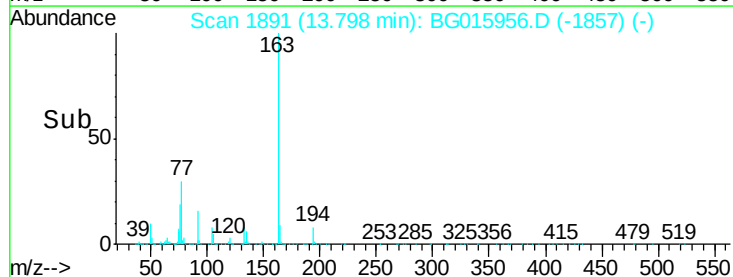
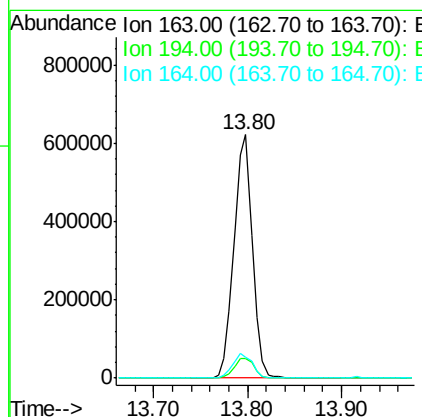
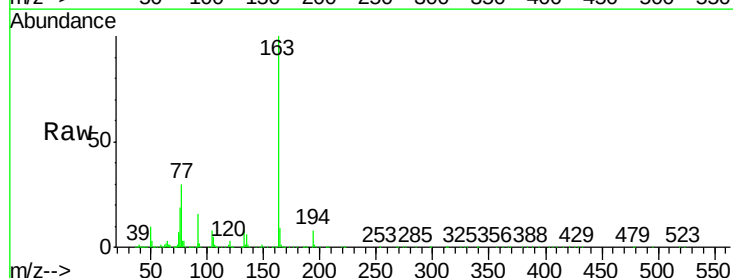
RT: 13.80 min Scan# 1891

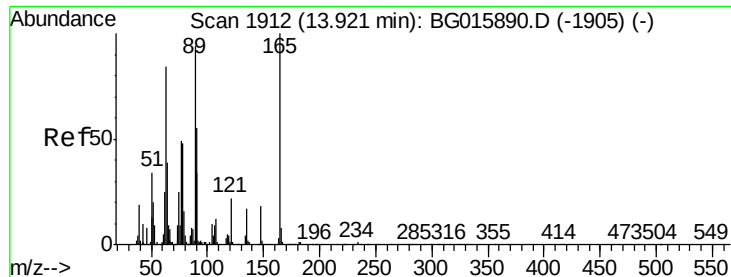
Delta R.T. 0.00 min

Lab File: BG015956.D

Acq: 27 Jan 2015 21:59

Tgt Ion	Ratio	Lower	Upper
163	100		
194	8.2	6.2	9.4
164	8.8	8.0	12.0





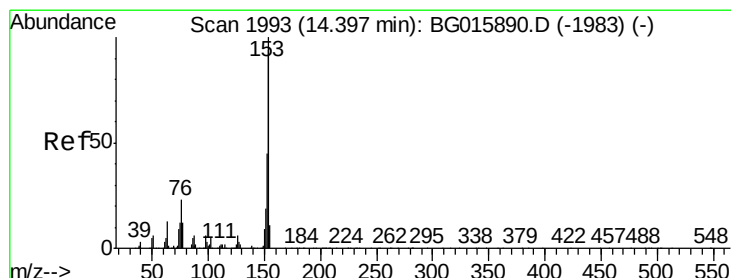
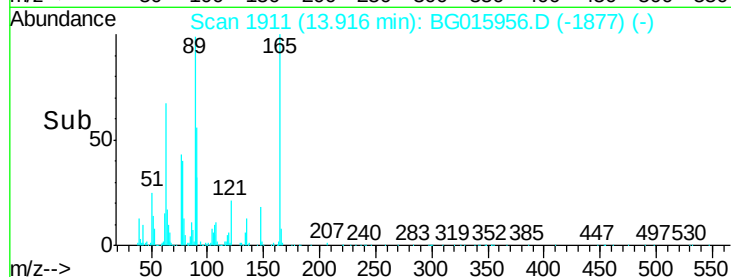
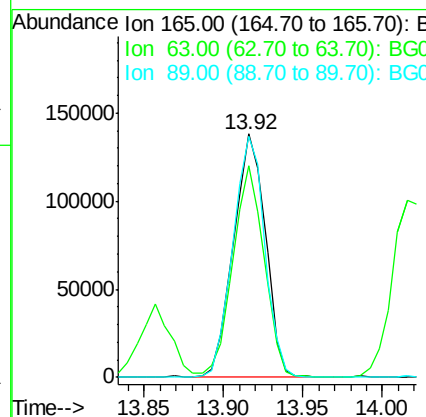
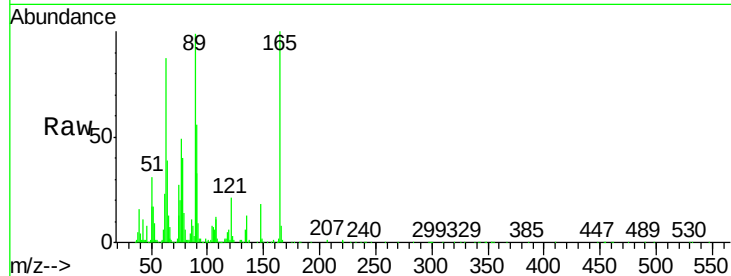
#50
2,6-Dinitrotoluene
Concen: 47.80 ng
RT: 13.92 min Scan# 1911
Delta R.T. 0.00 min
Lab File: BG015956.D
Acq: 27 Jan 2015 21:59

Instrument :
BNA_G
ClientSampleId :
DRILLCUTTINGSMS

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	86.7	68.3	102.5
89	99.0	75.4	113.2

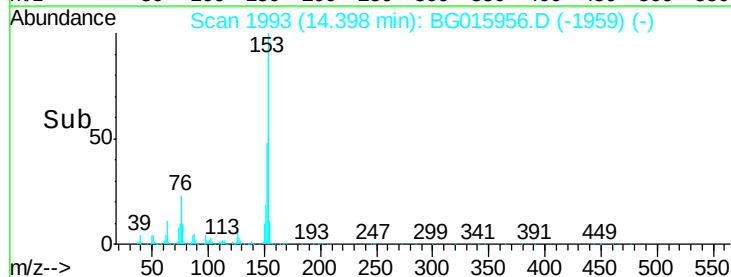
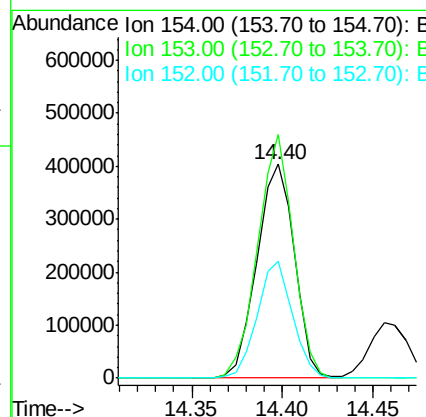
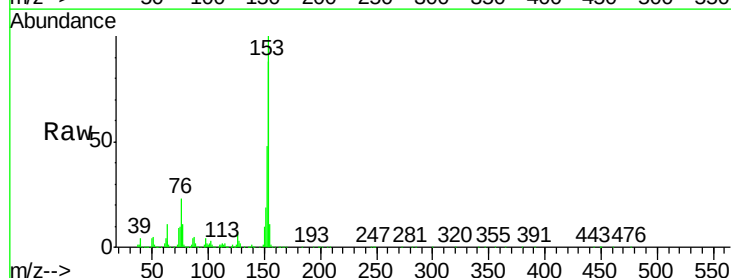
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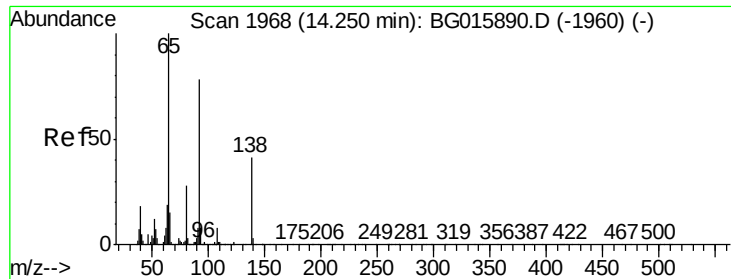
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#51
Acenaphthene
Concen: 45.99 ng
RT: 14.40 min Scan# 1993
Delta R.T. 0.00 min
Lab File: BG015956.D
Acq: 27 Jan 2015 21:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	113.7	85.1	127.7
152	54.9	38.3	57.5





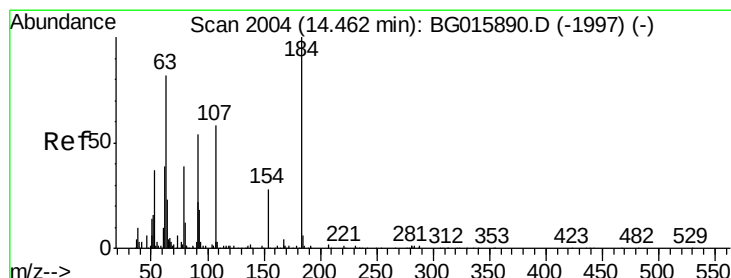
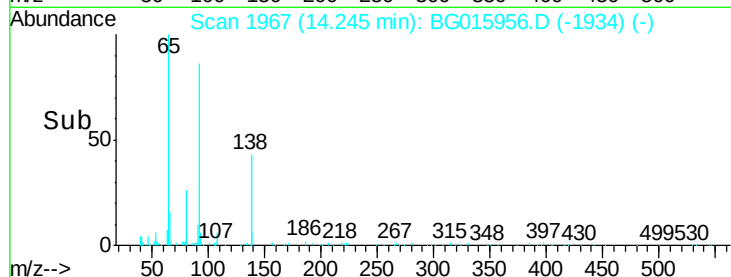
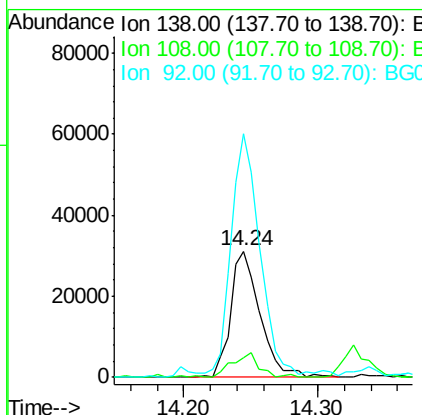
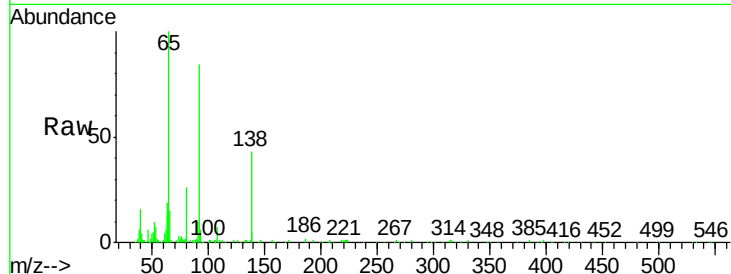
#52
3-Nitroaniline
Concen: 12.59 ng
RT: 14.24 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BG015956.D
Acq: 27 Jan 2015 21:59

Instrument :
BNA_G
ClientSampleId :
DRILLCUTTINGSMS

Tgt Ion	Ratio	Lower	Upper
138	100		
108	16.0	15.9	23.9
92	192.5	154.0	231.0

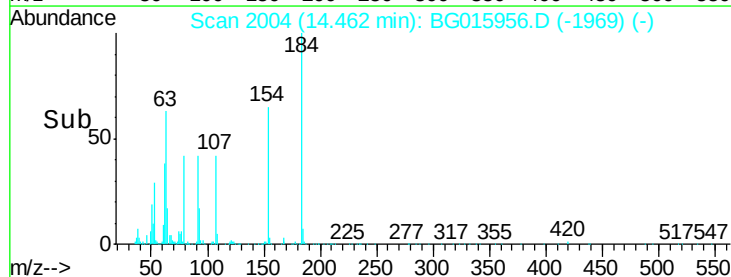
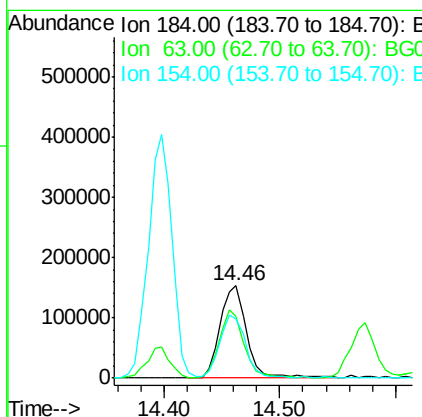
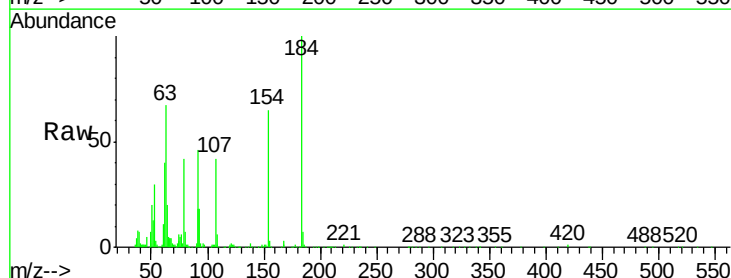
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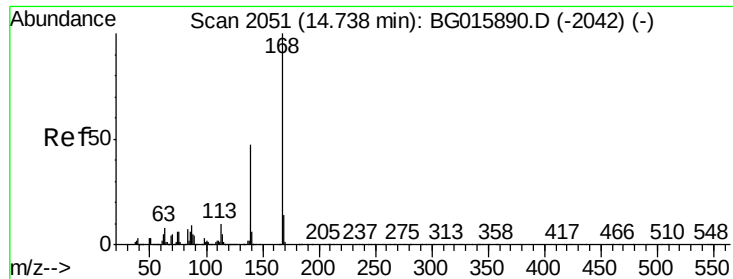
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#53
2,4-Dinitrophenol
Concen: 79.06 ng
RT: 14.46 min Scan# 2004
Delta R.T. 0.01 min
Lab File: BG015956.D
Acq: 27 Jan 2015 21:59

Tgt Ion	Ratio	Lower	Upper
184	100		
63	67.3	68.6	103.0#
154	65.0	54.9	82.3





#54

Dibenzofuran

Concen: 47.08 ng

RT: 14.73 min Scan# 2050

Delta R.T. 0.00 min

Lab File: BG015956.D

Acq: 27 Jan 2015 21:59

Instrument :

BNA_G

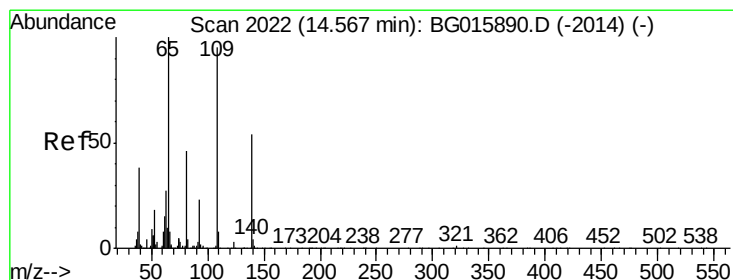
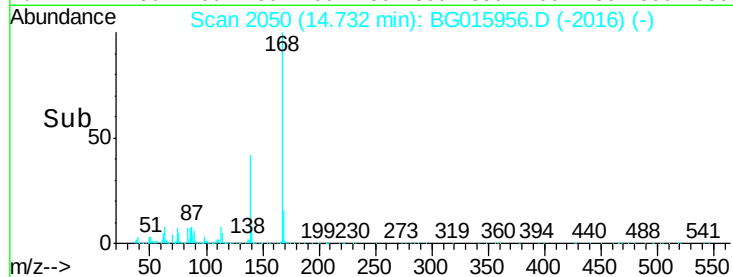
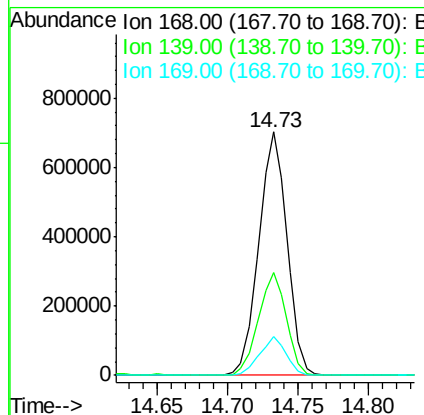
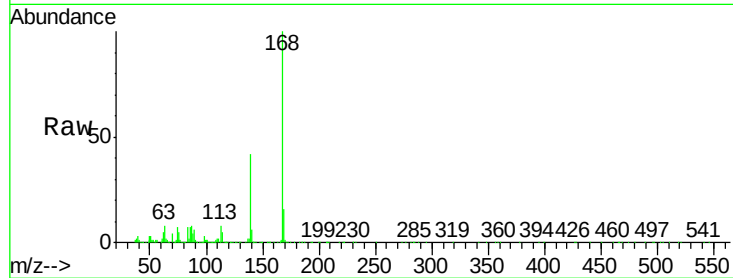
ClientSampleId :

DRILLCUTTINGSMS

Tgt Ion:	168	Resp:	984939
Ion Ratio	Lower	Upper	
168	100		
139	42.5	37.8	56.8
169	15.9	11.5	17.3

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#55

4-Nitrophenol

Concen: 90.85 ng

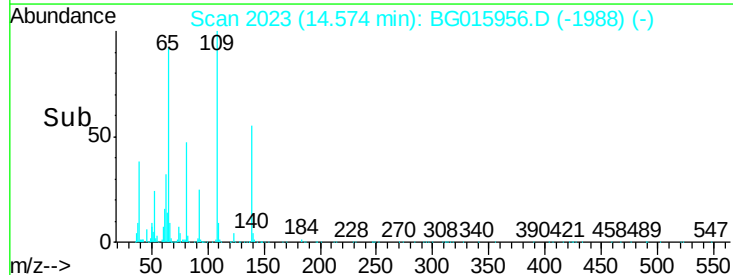
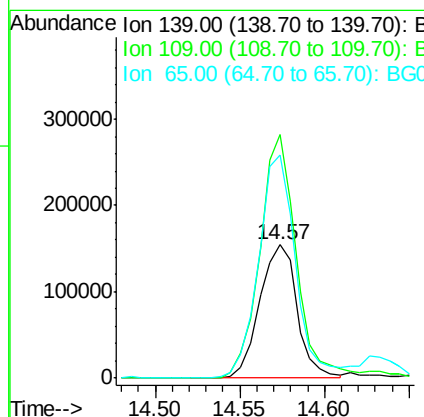
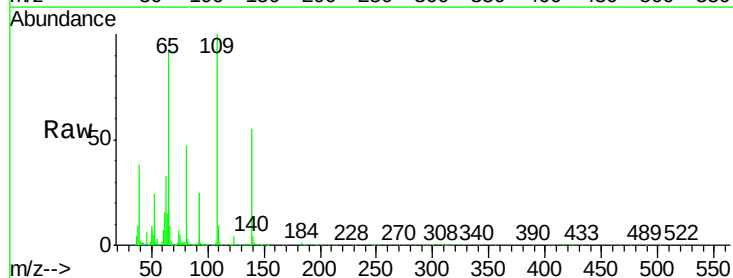
RT: 14.57 min Scan# 2023

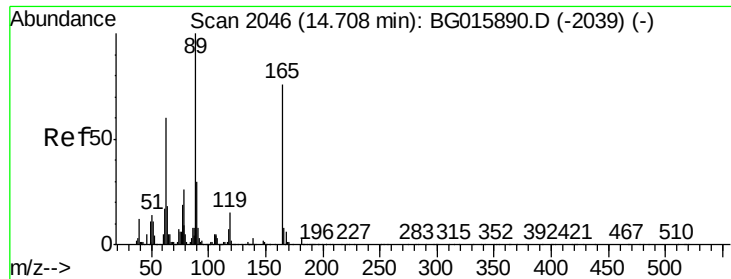
Delta R.T. 0.01 min

Lab File: BG015956.D

Acq: 27 Jan 2015 21:59

Tgt Ion:	139	Resp:	238201
Ion Ratio	Lower	Upper	
139	100		
109	182.7	156.3	196.3
65	167.9	166.3	206.3





#56

2,4-Dinitrotoluene

Concen: 49.78 ng

RT: 14.71 min Scan# 2046

Delta R.T. 0.00 min

Lab File: BG015956.D

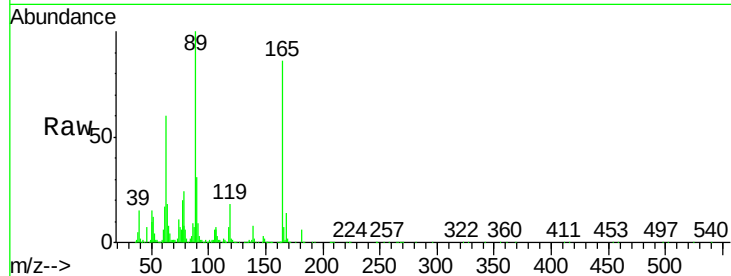
Acq: 27 Jan 2015 21:59

Instrument :

BNA_G

ClientSampleId :

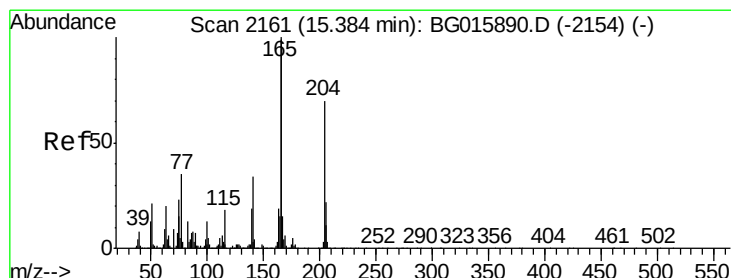
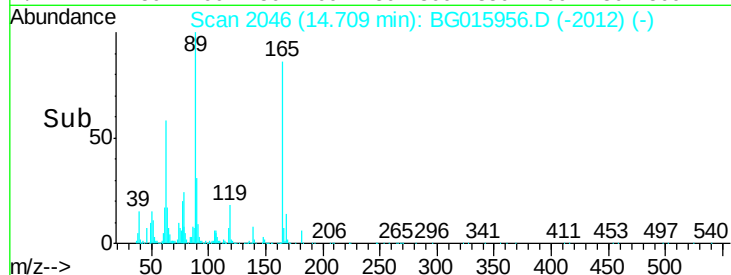
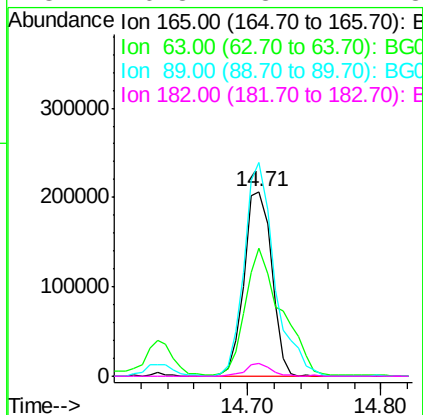
DRILLCUTTINGSMS



Tgt Ion	Ratio	Resp	Lower	Upper
165	100	295002		
63	69.1	62.6	93.8	
89	115.9	104.6	157.0	
182	6.8	3.2	4.8	

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#57

Fluorene

Concen: 47.60 ng

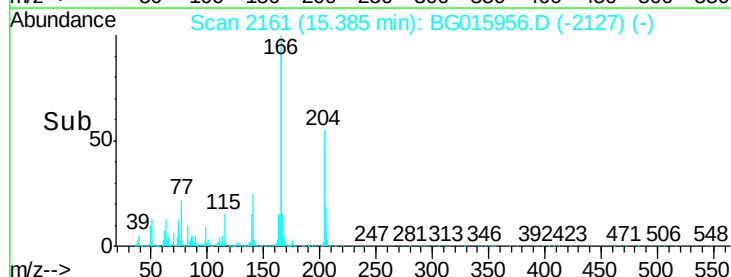
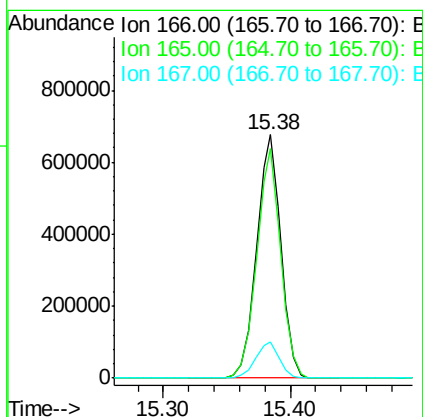
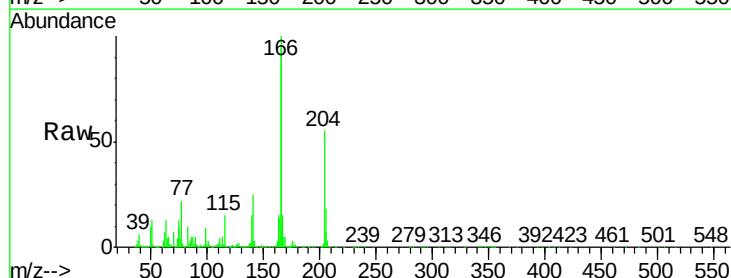
RT: 15.38 min Scan# 2161

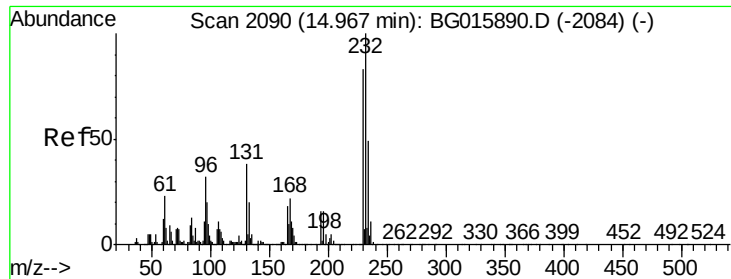
Delta R.T. 0.00 min

Lab File: BG015956.D

Acq: 27 Jan 2015 21:59

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	898183		
165	94.3	80.6	120.8	
167	15.0	12.5	18.7	





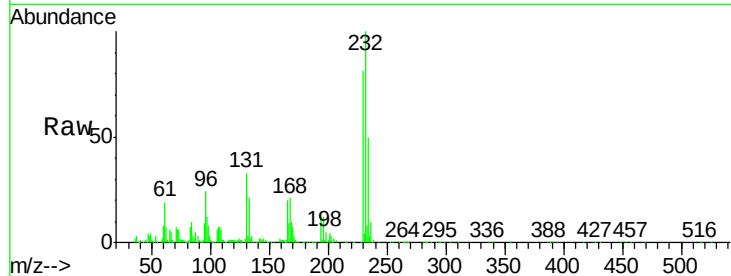
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 50.23 ng
 RT: 14.97 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: BG015956.D
 Acq: 27 Jan 2015 21:59

Instrument :
 BNA_G
 ClientSampleId :
 DRILLCUTTINGSMS

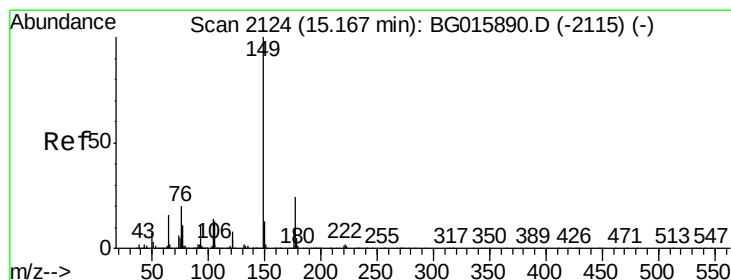
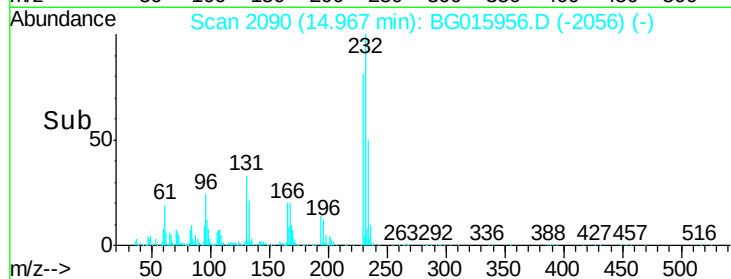
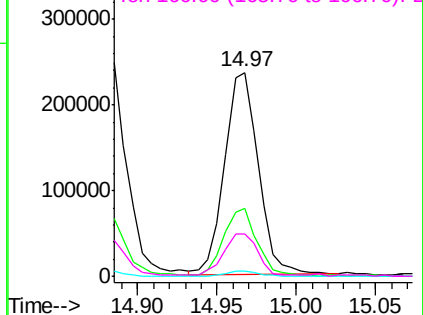
Tgt Ion	Ratio	Resp	Lower	Upper
232	100	350200		
131	32.9	29.1	43.7	
130	2.5	1.7	2.5	
166	20.4	16.5	24.7	

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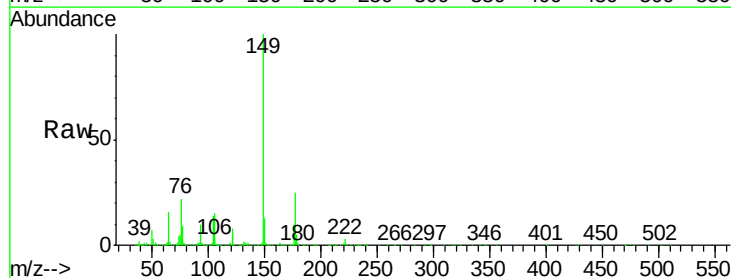


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

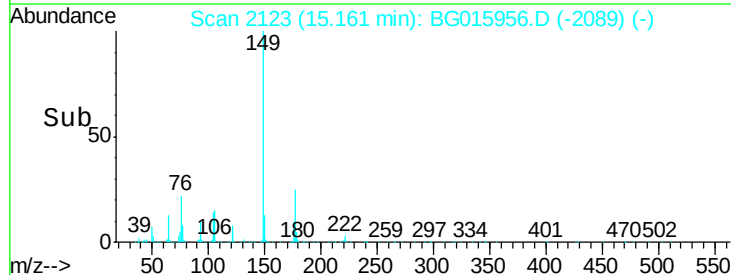
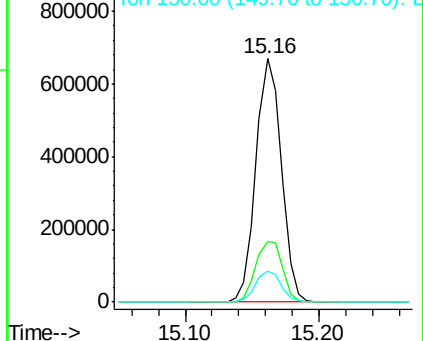


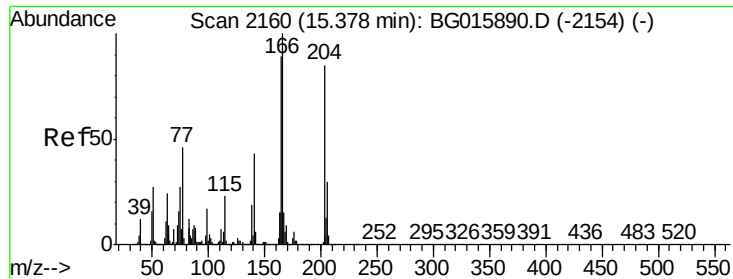
#59
 Diethylphthalate
 Concen: 47.80 ng
 RT: 15.16 min Scan# 2123
 Delta R.T. 0.00 min
 Lab File: BG015956.D
 Acq: 27 Jan 2015 21:59

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	875692		
177	24.9	19.4	29.0	
150	12.9	10.2	15.4	



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





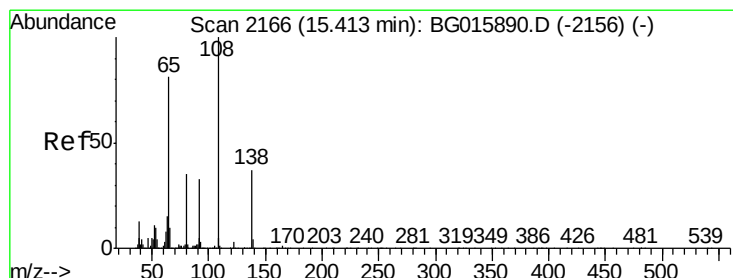
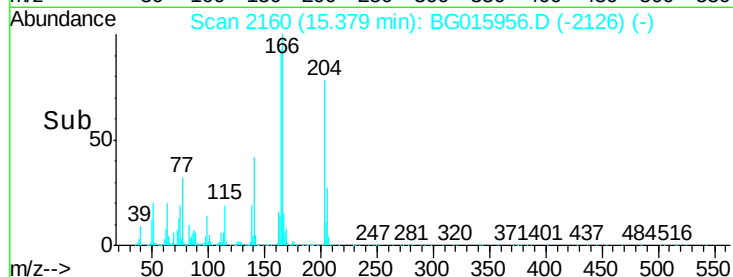
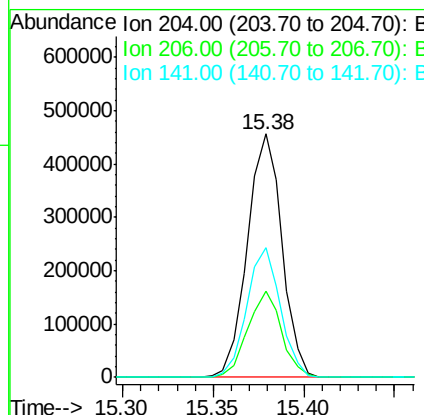
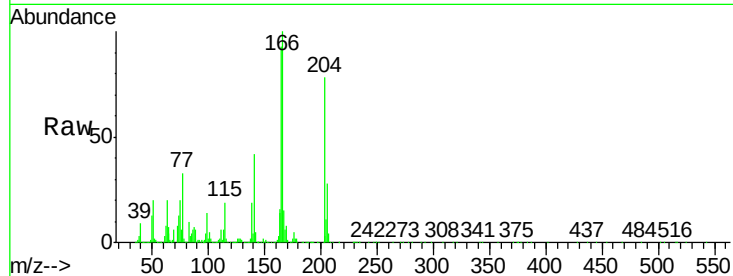
#60
4-Chlorophenyl-phenylether
Concen: 48.17 ng
RT: 15.38 min Scan# 2160
Delta R.T. 0.00 min
Lab File: BG015956.D
Acq: 27 Jan 2015 21:59

Instrument :
BNA_G
ClientSampleId :
DRILLCUTTINGSMS

Tgt Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	35.3	28.4	42.6
141	53.4	41.0	61.6

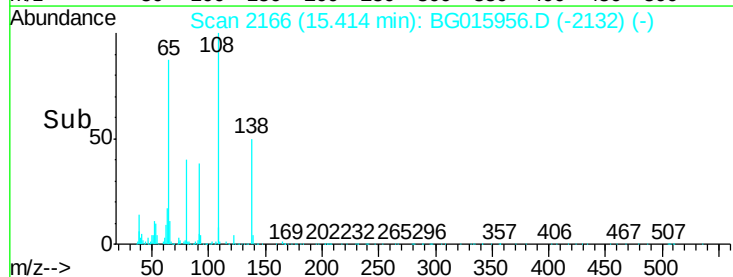
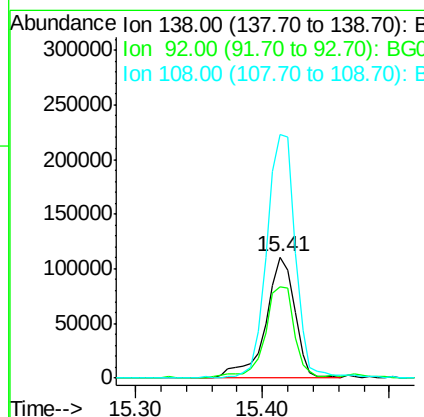
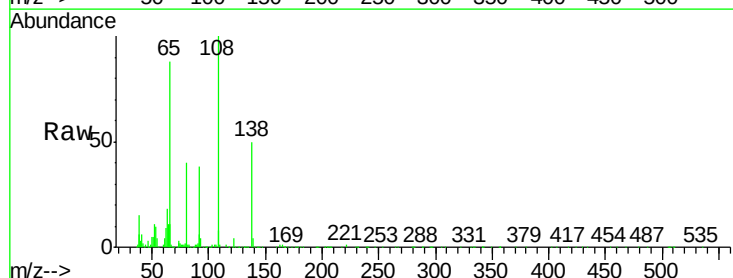
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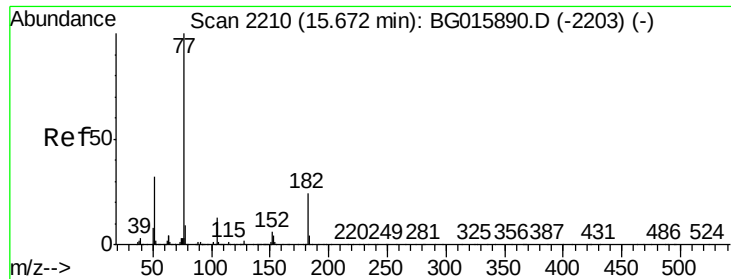
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#61
4-Nitroaniline
Concen: 44.15 ng
RT: 15.41 min Scan# 2166
Delta R.T. 0.00 min
Lab File: BG015956.D
Acq: 27 Jan 2015 21:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
138	100		
92	75.7	70.7	110.7
108	201.0	251.1	291.1





#62

Azobenzene

Concen: 41.60 ng

RT: 15.67 min Scan# 2210

Delta R.T. 0.00 min

Lab File: BG015956.D

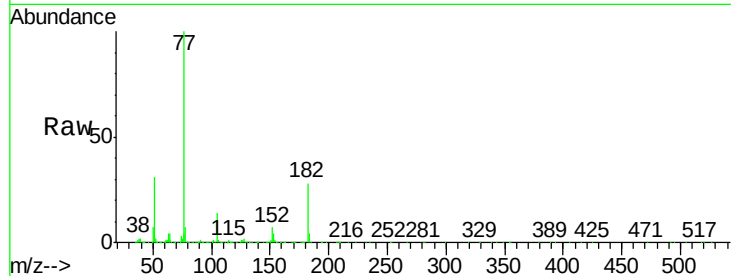
Acq: 27 Jan 2015 21:59

Instrument :

BNA_G

ClientSampleId :

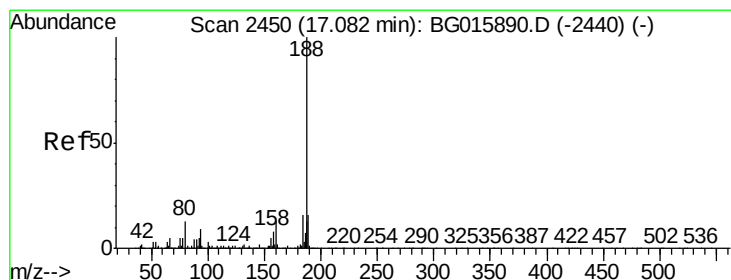
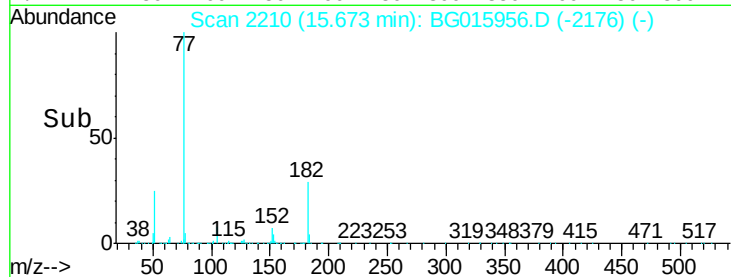
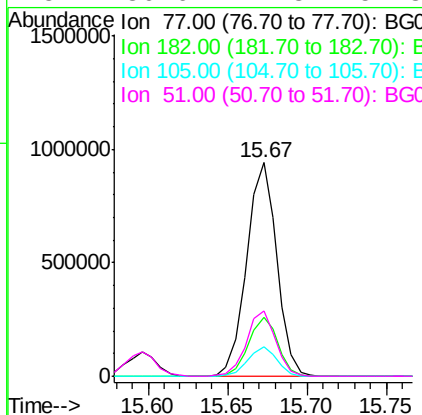
DRILLCUTTINGSMS



Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.7	3.6	43.6
105	13.6	0.0	32.9
51	30.6	11.8	51.8

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#63

Phenanthrene-d10

Concen: 20.00 ng

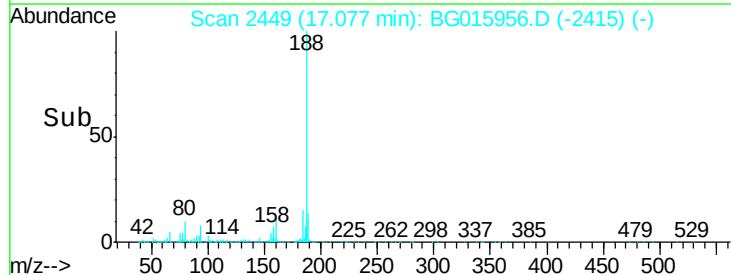
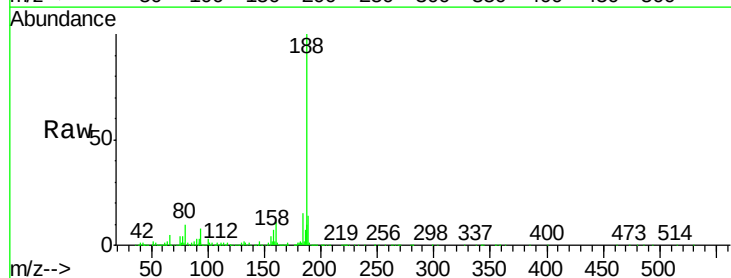
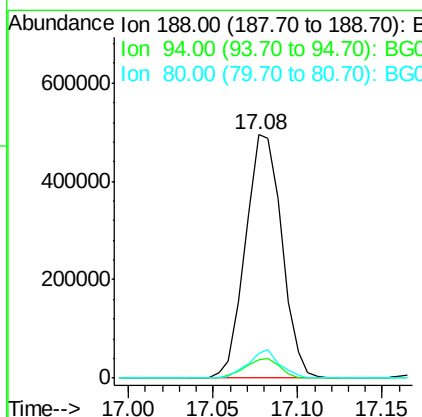
RT: 17.08 min Scan# 2449

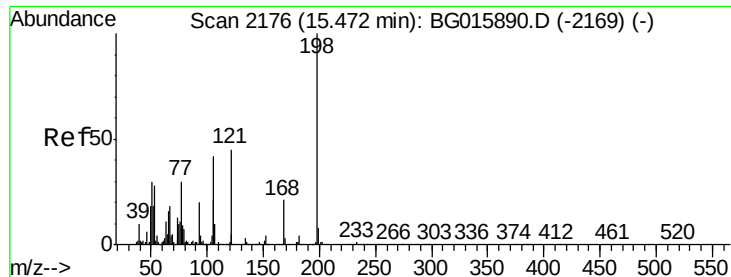
Delta R.T. 0.00 min

Lab File: BG015956.D

Acq: 27 Jan 2015 21:59

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.6	7.8	11.8#
80	10.1	10.6	16.0#





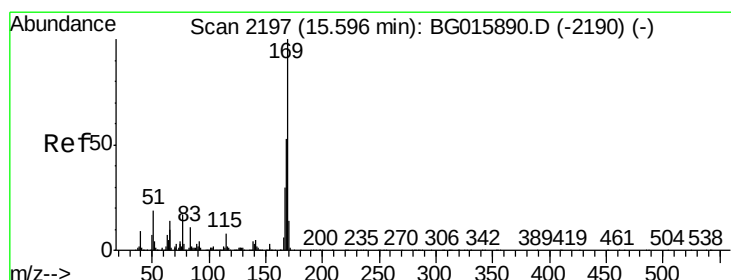
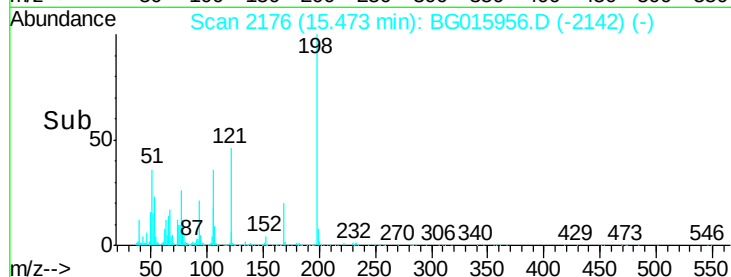
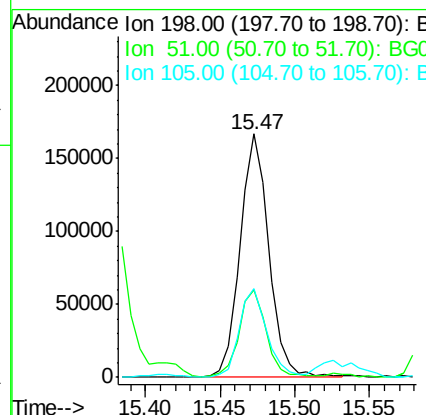
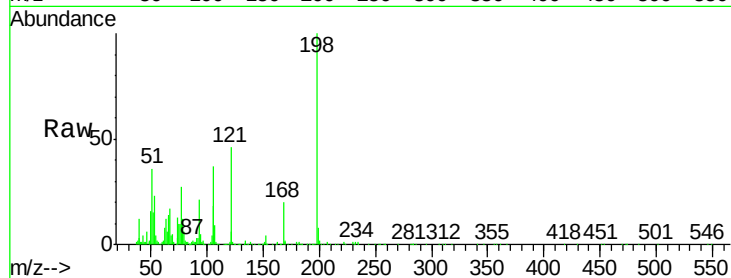
#64
4,6-Dinitro-2-methylphenol
Concen: 41.73 ng
RT: 15.47 min Scan# 2176
Delta R.T. 0.00 min
Lab File: BG015956.D
Acq: 27 Jan 2015 21:59

Instrument :
BNA_G
ClientSampleId :
DRILLCUTTINGSMS

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	223503		
51	35.8	12.3	52.3	
105	36.5	22.3	62.3	

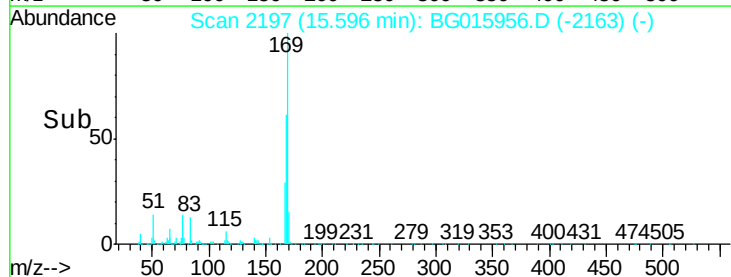
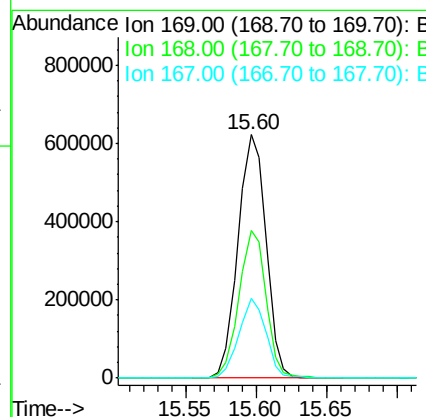
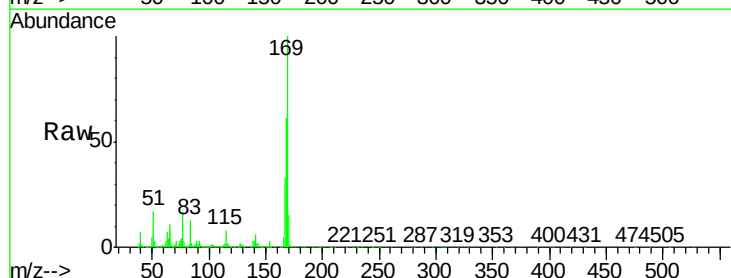
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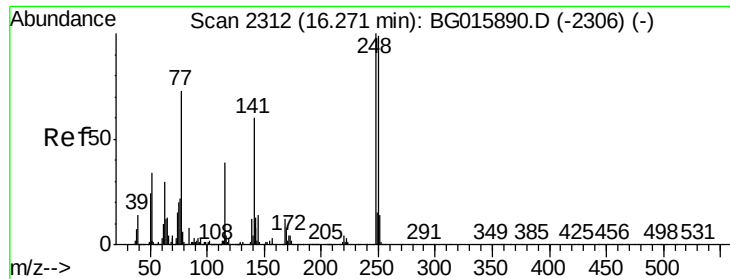
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#65
n-Nitrosodiphenylamine
Concen: 40.81 ng
RT: 15.60 min Scan# 2197
Delta R.T. 0.00 min
Lab File: BG015956.D
Acq: 27 Jan 2015 21:59

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	864154		
168	60.7	42.3	63.5	
167	32.9	24.2	36.2	





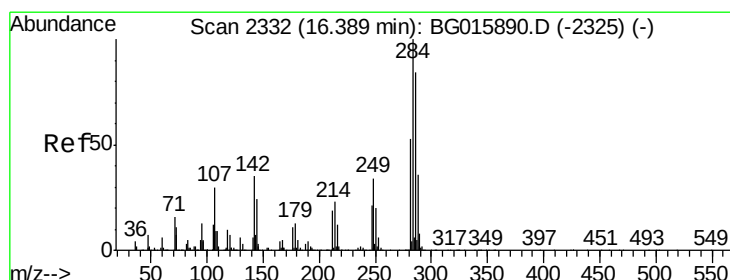
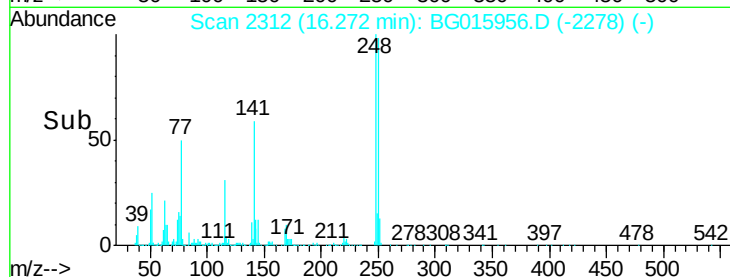
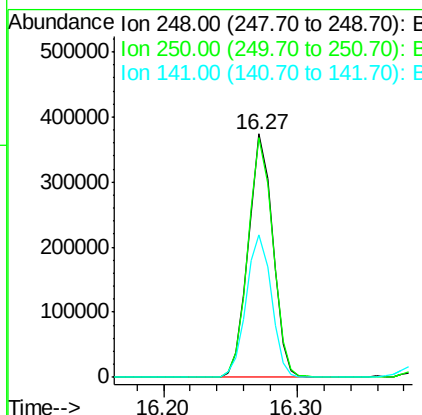
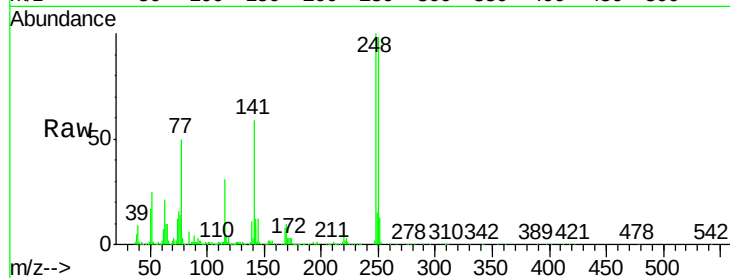
#66
4-Bromophenyl-phenylether
Concen: 43.43 ng
RT: 16.27 min Scan# 2312
Delta R.T. 0.00 min
Lab File: BG015956.D
Acq: 27 Jan 2015 21:59

Instrument :
BNA_G
ClientSampleId :
DRILLCUTTINGSMS

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.3	79.3	118.9
141	58.6	47.8	71.6

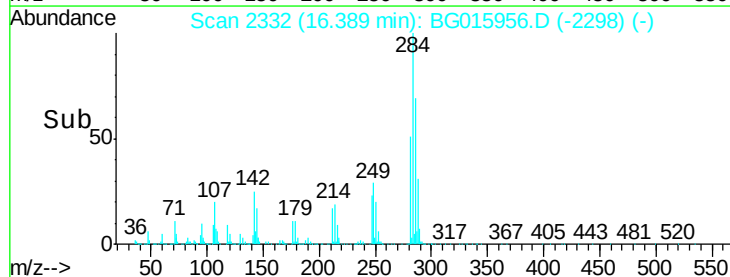
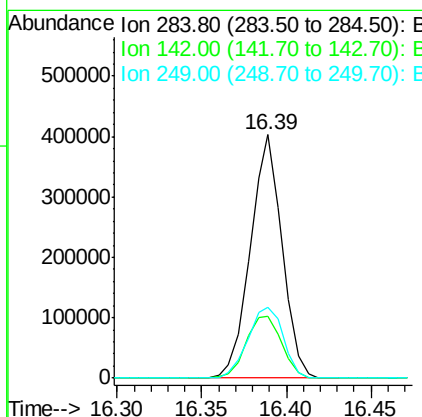
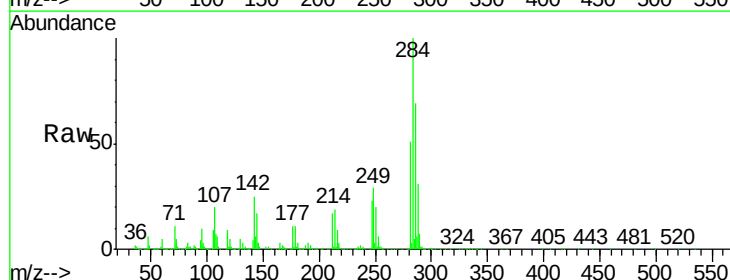
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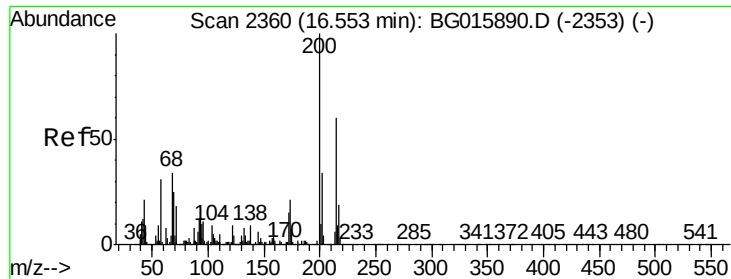
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#67
Hexachlorobenzene
Concen: 44.74 ng
RT: 16.39 min Scan# 2332
Delta R.T. 0.00 min
Lab File: BG015956.D
Acq: 27 Jan 2015 21:59

Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.5	27.8	41.6#
249	32.1	29.3	43.9





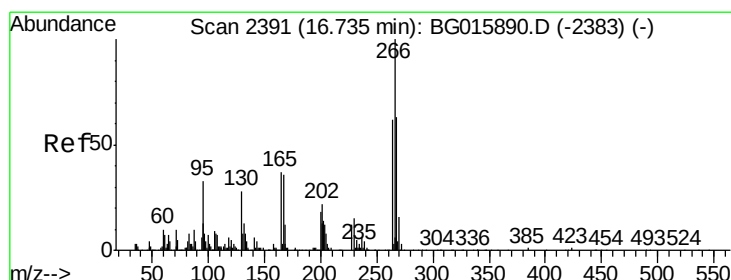
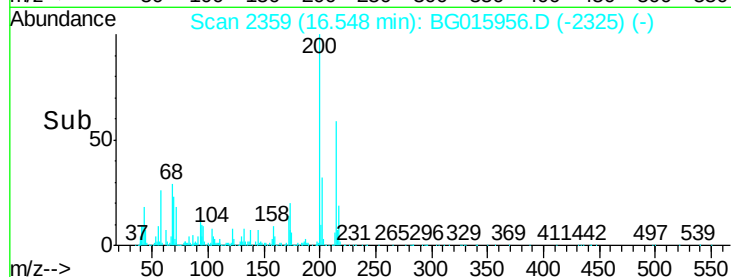
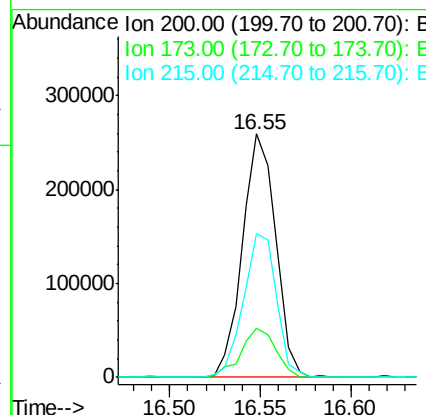
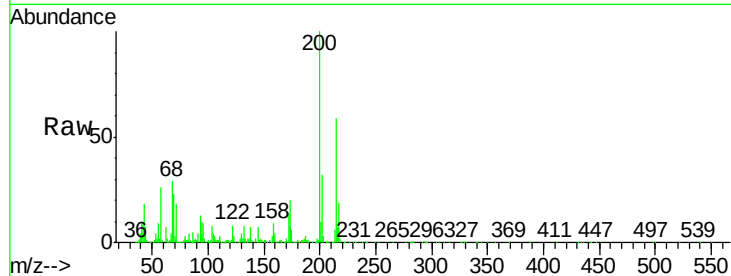
#68
Atrazine
Concen: 32.40 ng
RT: 16.55 min Scan# 2359
Delta R.T. 0.00 min
Lab File: BG015956.D
Acq: 27 Jan 2015 21:59

Instrument :
BNA_G
ClientSampleId :
DRILLCUTTINGSMS

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	20.2	0.8	40.8
215	58.9	40.0	80.0

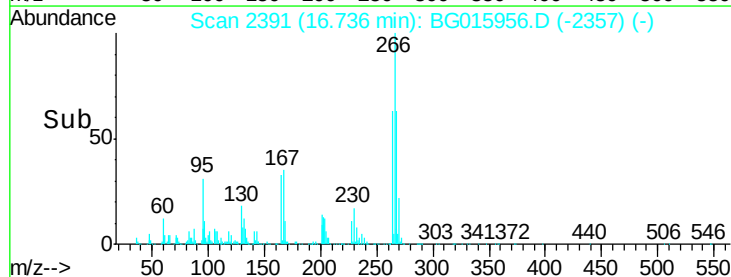
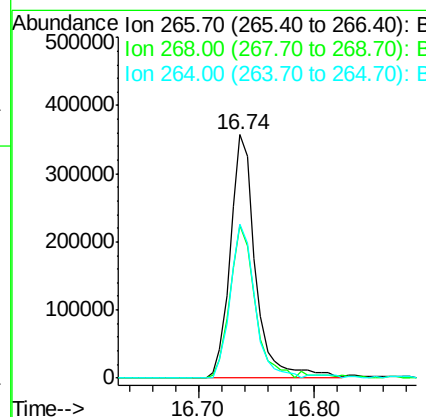
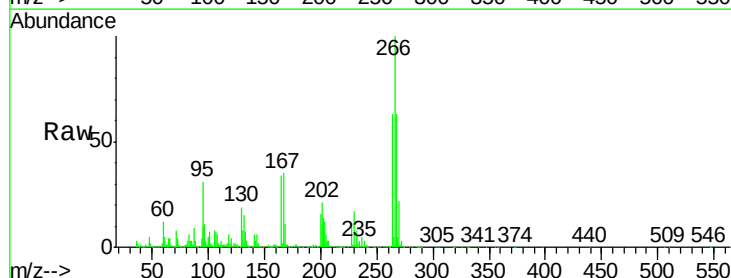
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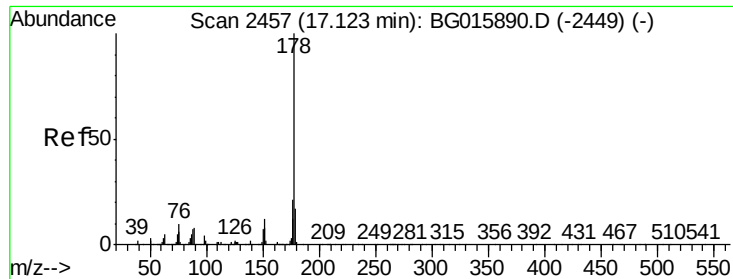
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#69
Pentachlorophenol
Concen: 81.93 ng
RT: 16.74 min Scan# 2391
Delta R.T. 0.00 min
Lab File: BG015956.D
Acq: 27 Jan 2015 21:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	62.5	53.5	80.3
264	63.4	51.9	77.9





#70

Phenanthrene

Concen: 41.71 ng

RT: 17.12 min Scan# 2457

Delta R.T. 0.00 min

Lab File: BG015956.D

Acq: 27 Jan 2015 21:59

Instrument :

BNA_G

ClientSampleId :

DRILLCUTTINGSMS

Tgt Ion:178 Resp: 1552922

Ion Ratio Lower Upper

178 100

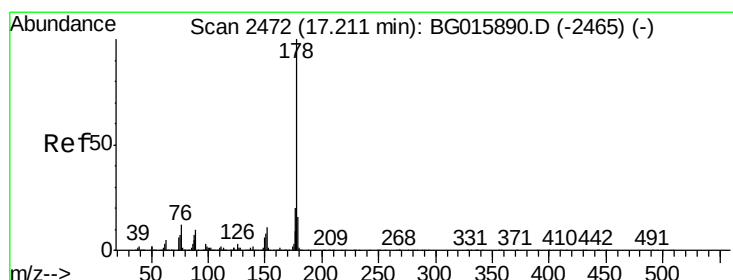
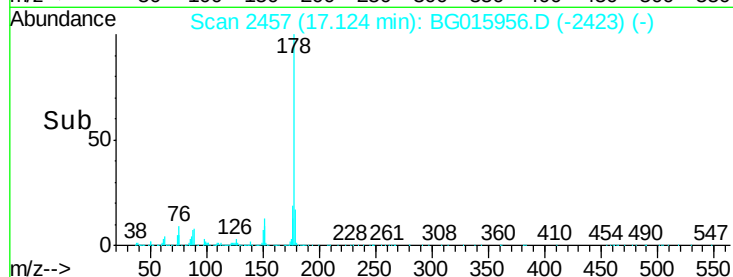
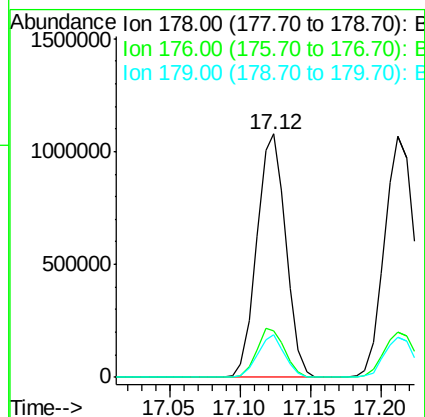
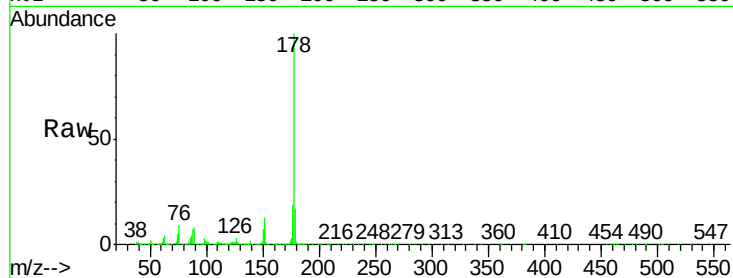
176 19.0 16.9 25.3

179 17.4 13.3 19.9

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#71

Anthracene

Concen: 42.71 ng

RT: 17.21 min Scan# 2472

Delta R.T. 0.00 min

Lab File: BG015956.D

Acq: 27 Jan 2015 21:59

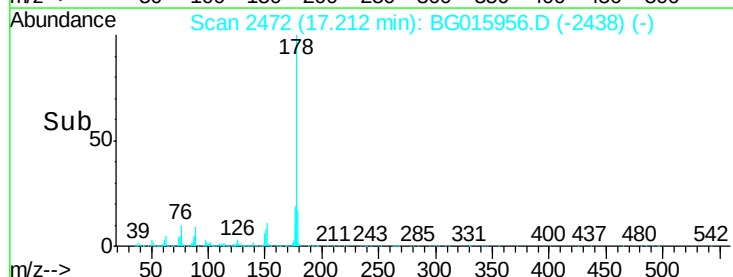
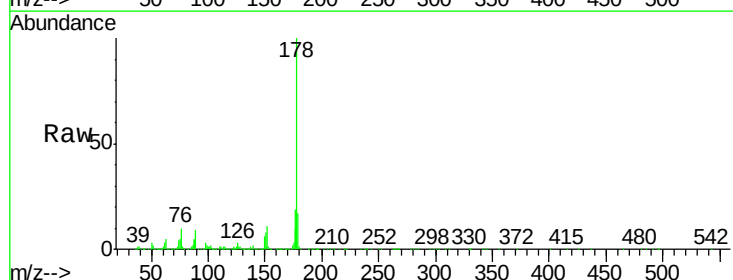
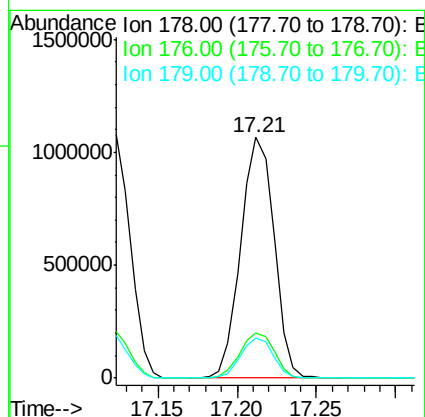
Tgt Ion:178 Resp: 1560592

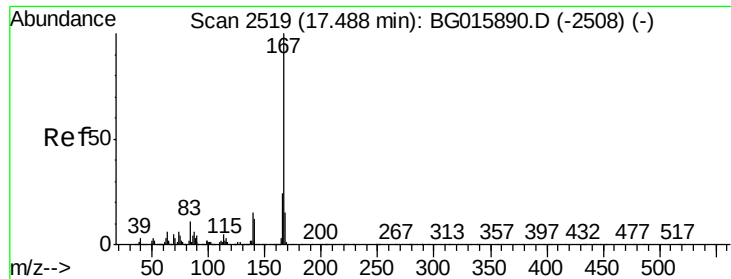
Ion Ratio Lower Upper

178 100

176 18.9 15.7 23.5

179 16.8 12.7 19.1





#72

Carbazole

Concen: 41.49 ng

RT: 17.49 min Scan# 2519

Delta R.T. 0.00 min

Lab File: BG015956.D

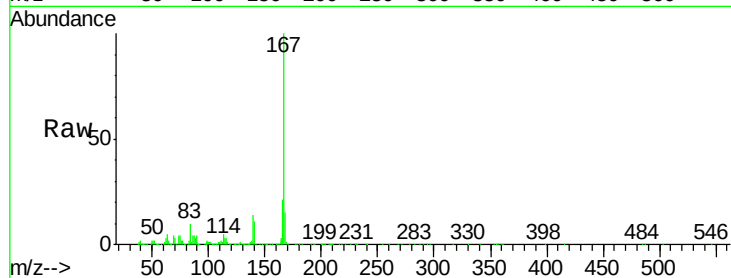
Acq: 27 Jan 2015 21:59

Instrument :

BNA_G

ClientSampleId :

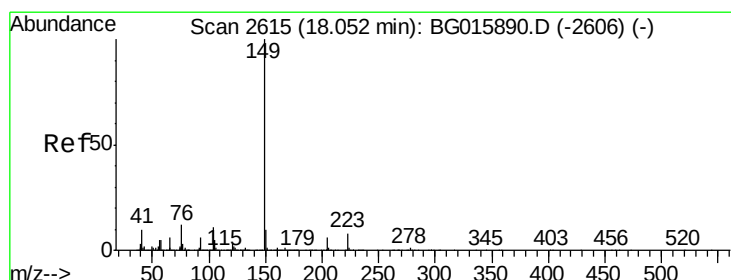
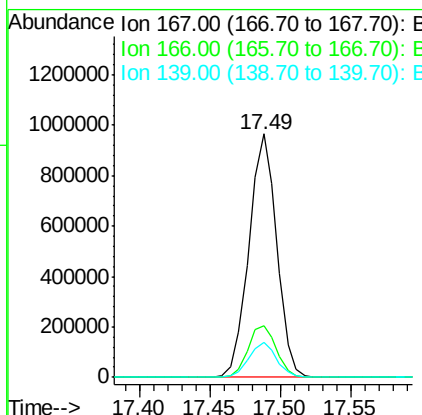
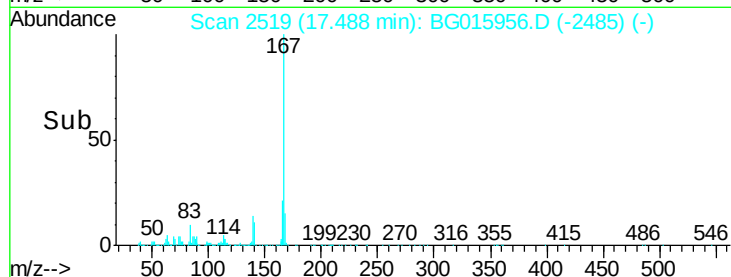
DRILLCUTTINGSMS



Tgt Ion:	167	Resp:	1336328
Ion	Ratio	Lower	Upper
167	100		
166	21.2	19.4	29.2
139	14.1	12.2	18.2

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#73

Di-n-butylphthalate

Concen: 42.41 ng

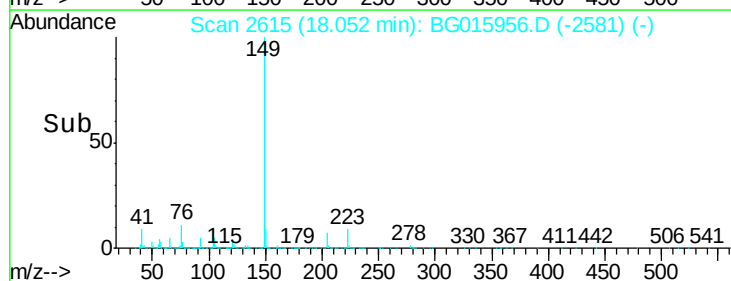
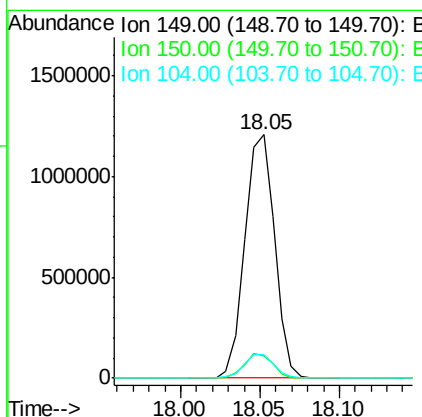
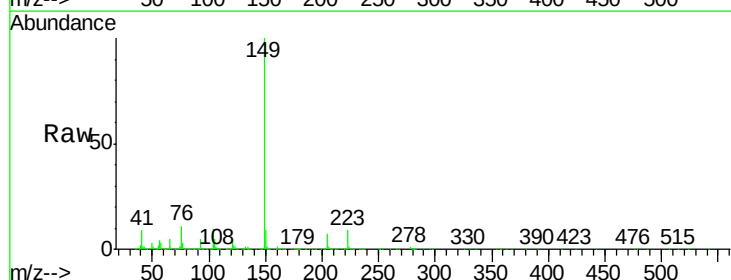
RT: 18.05 min Scan# 2615

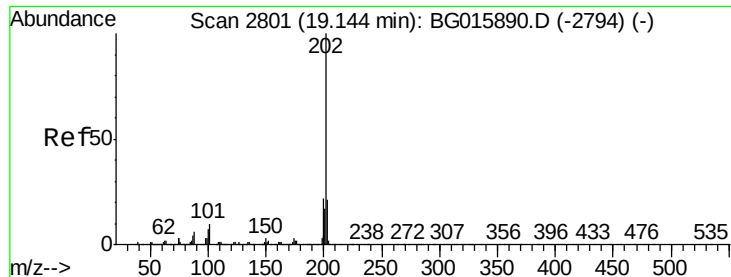
Delta R.T. 0.00 min

Lab File: BG015956.D

Acq: 27 Jan 2015 21:59

Tgt Ion:	149	Resp:	1572258
Ion	Ratio	Lower	Upper
149	100		
150	9.4	8.2	12.4
104	9.6	8.9	13.3





#74

Fluoranthene

Concen: 42.08 ng

RT: 19.14 min Scan# 2801

Delta R.T. 0.00 min

Lab File: BG015956.D

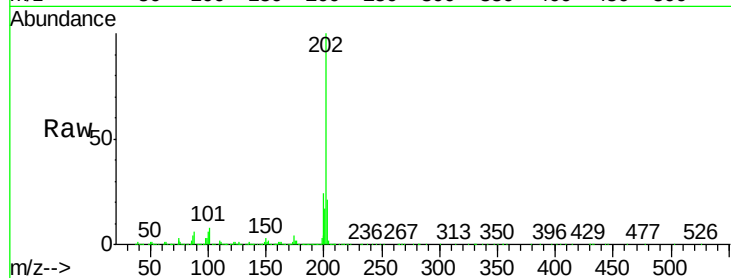
Acq: 27 Jan 2015 21:59

Instrument :

BNA_G

ClientSampleId :

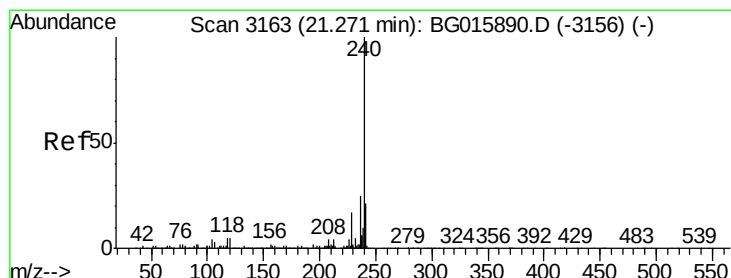
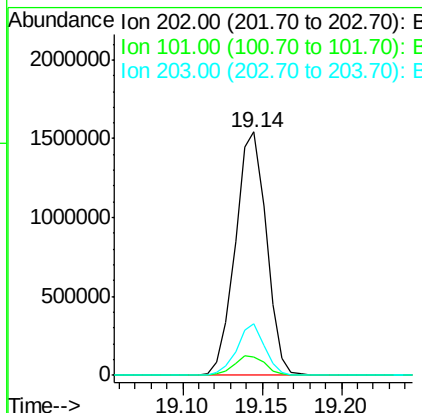
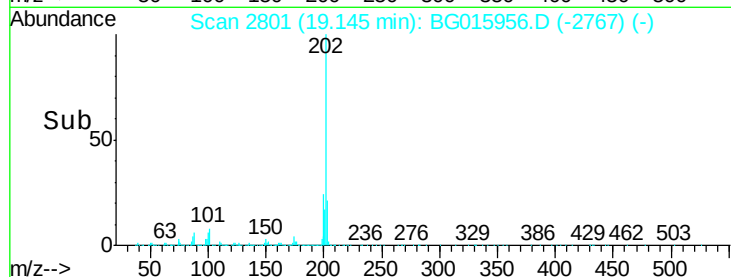
DRILLCUTTINGSMS



Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.7	0.0	29.5
203	21.0	0.9	40.9

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#75

Chrysene-d12

Concen: 20.00 ng

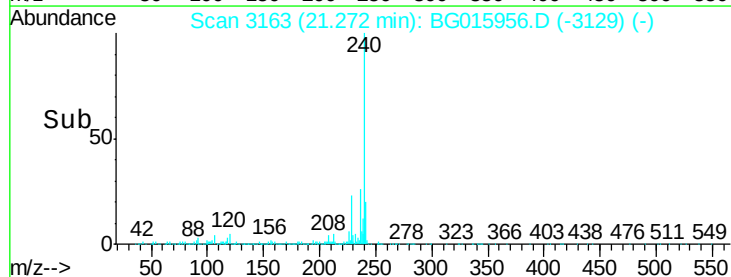
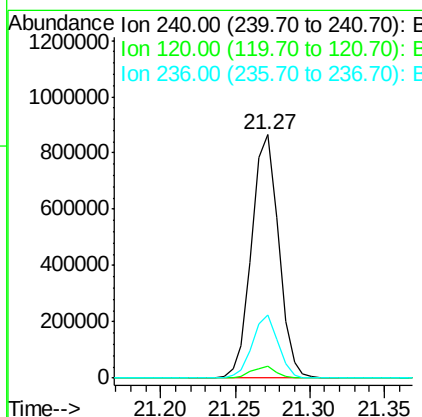
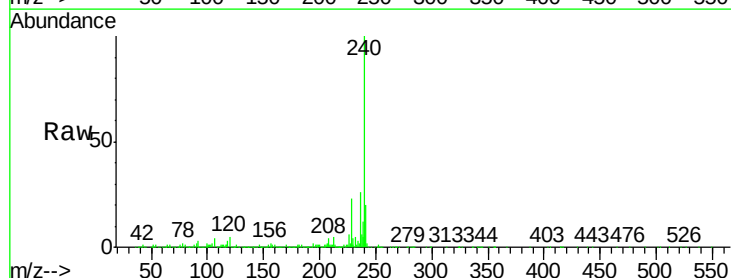
RT: 21.27 min Scan# 3163

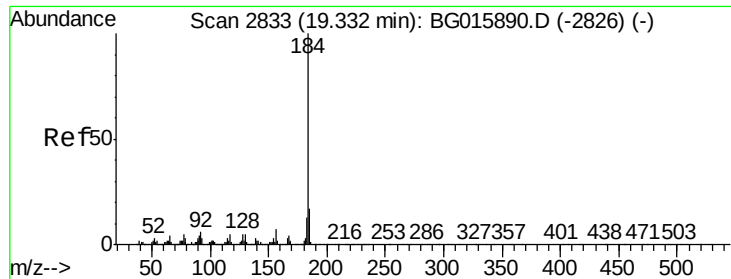
Delta R.T. 0.00 min

Lab File: BG015956.D

Acq: 27 Jan 2015 21:59

Tgt Ion	Ratio	Lower	Upper
240	100		
120	4.7	3.9	5.9
236	26.1	20.0	30.0





#76

Benzidine

Concen: 3.71 ng m

RT: 19.35 min Scan# 2836

Delta R.T. 0.02 min

Lab File: BG015956.D

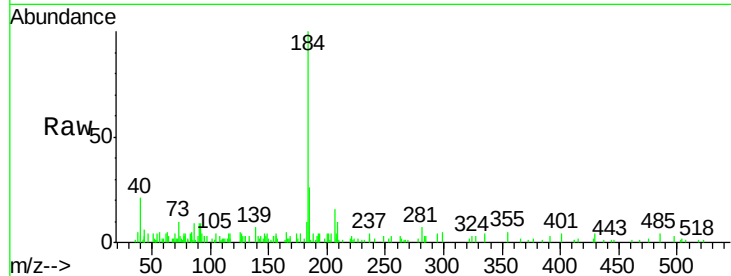
Acq: 27 Jan 2015 21:59

Instrument :

BNA_G

ClientSampleId :

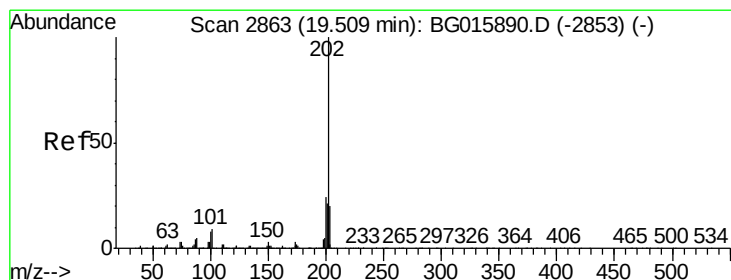
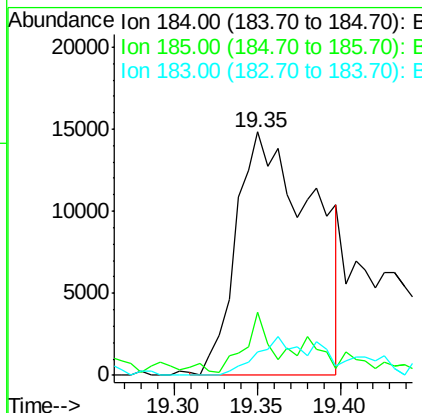
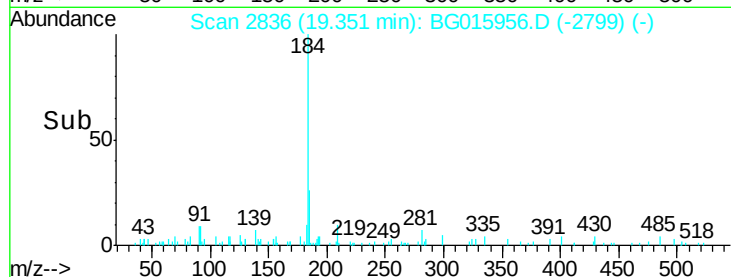
DRILLCUTTINGSMS



Tgt Ion	Ratio	Lower	Upper
184	100		
185	25.8	13.3	19.9#
183	9.6	10.1	15.1#

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#77

Pyrene

Concen: 42.91 ng

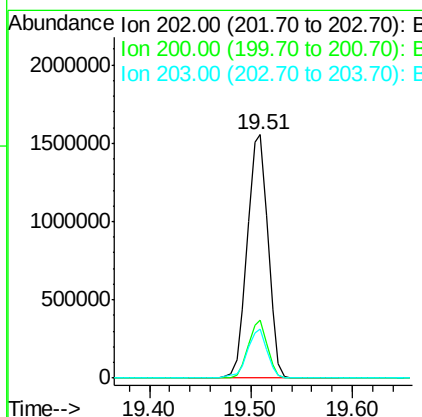
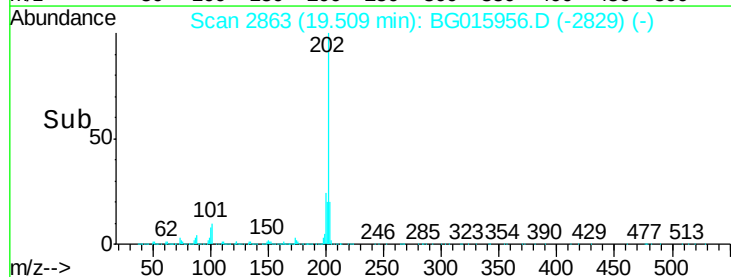
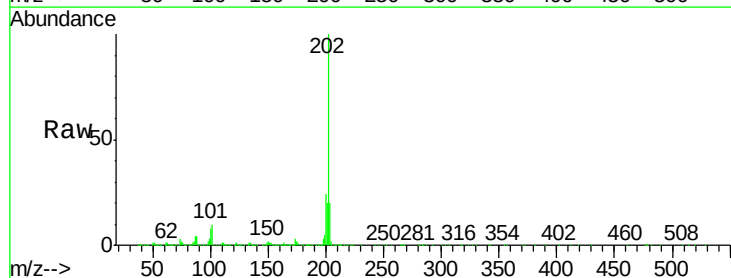
RT: 19.51 min Scan# 2863

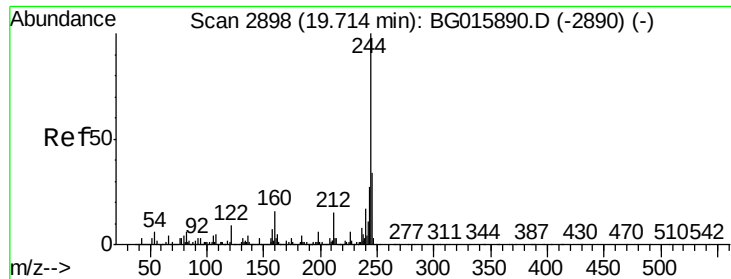
Delta R.T. 0.00 min

Lab File: BG015956.D

Acq: 27 Jan 2015 21:59

Tgt Ion	Ratio	Lower	Upper
202	100		
200	23.7	19.3	28.9
203	20.4	15.9	23.9





#78

Terphenyl-d14

Concen: 91.94 ng

RT: 19.71 min Scan# 2898

Delta R.T. 0.00 min

Lab File: BG015956.D

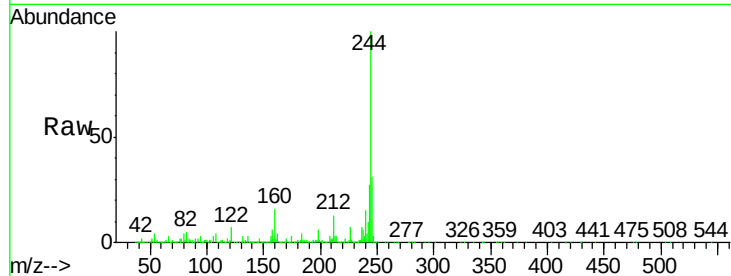
Acq: 27 Jan 2015 21:59

Instrument :

BNA_G

ClientSampleId :

DRILLCUTTINGSMS



Tgt Ion:244 Resp: 3395459

Ion Ratio Lower Upper

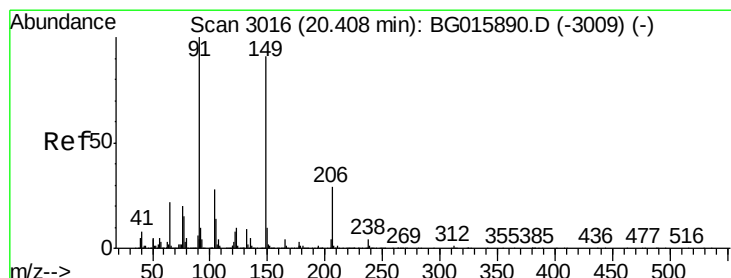
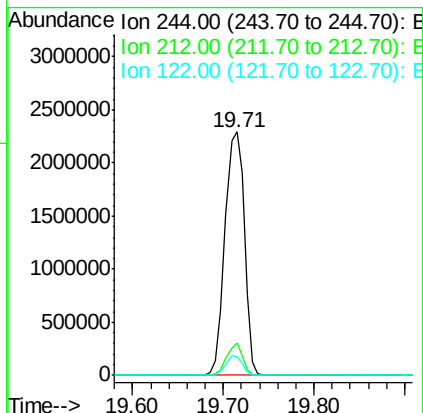
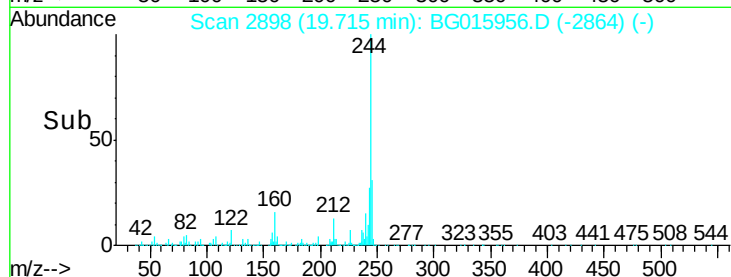
244 100

212 13.3 11.6 17.4

122 7.4 7.0 10.4

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#79

Butylbenzylphthalate

Concen: 41.00 ng

RT: 20.41 min Scan# 3016

Delta R.T. 0.00 min

Lab File: BG015956.D

Acq: 27 Jan 2015 21:59

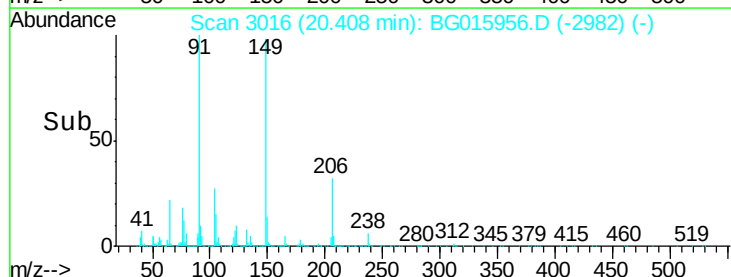
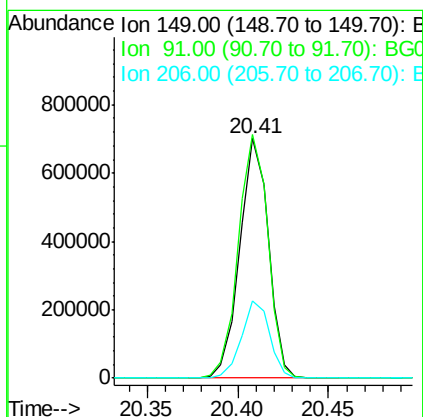
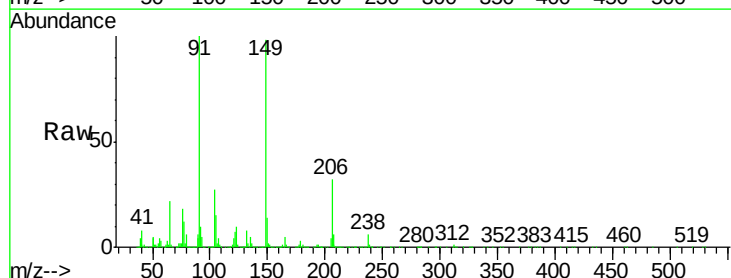
Tgt Ion:149 Resp: 773088

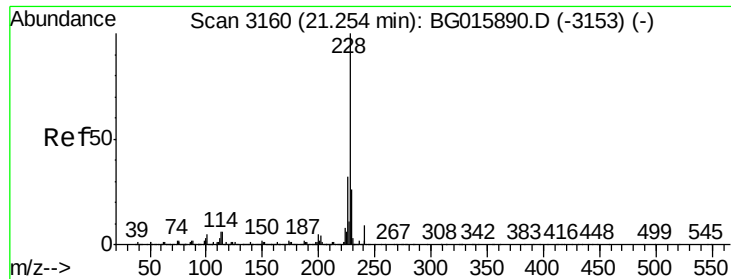
Ion Ratio Lower Upper

149 100

91 101.7 88.4 132.6

206 32.1 25.3 37.9





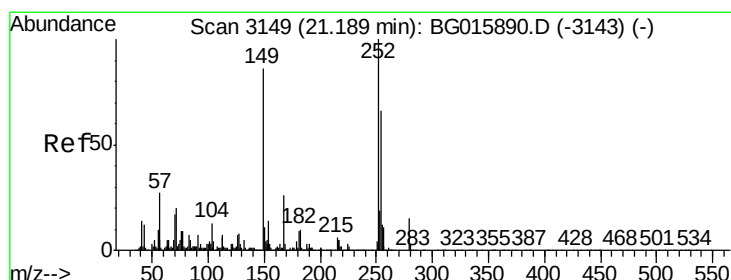
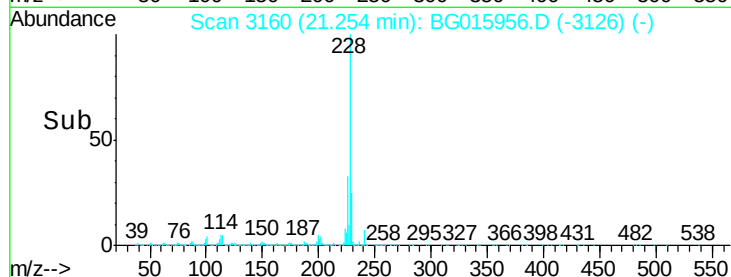
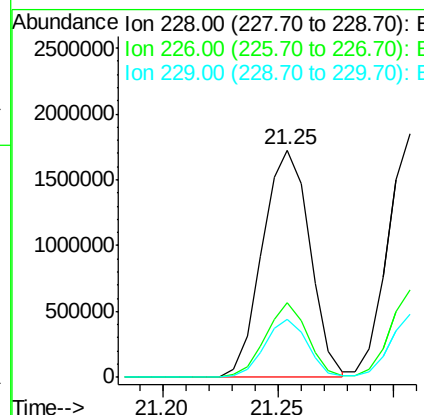
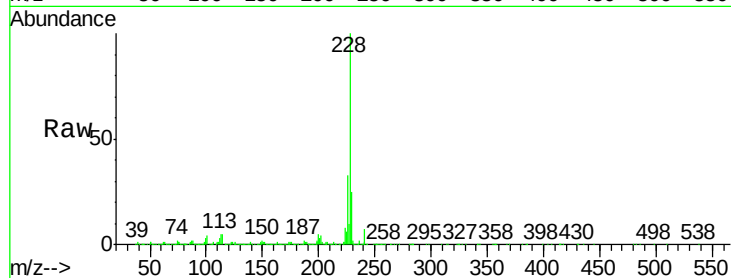
#80
Benzo(a)anthracene
Concen: 44.70 ng
RT: 21.25 min Scan# 3160
Delta R.T. 0.00 min
Lab File: BG015956.D
Acq: 27 Jan 2015 21:59

Instrument :
BNA_G
ClientSampleId :
DRILLCUTTINGSMS

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.8	25.4	38.0
229	25.4	21.2	31.8

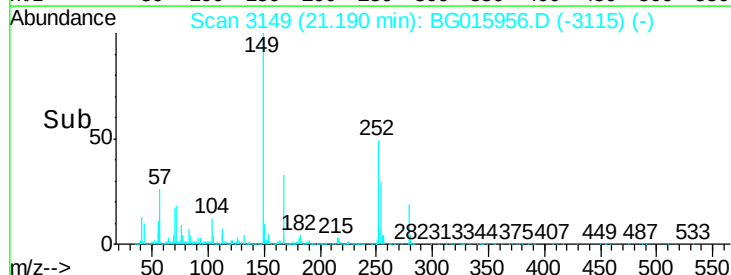
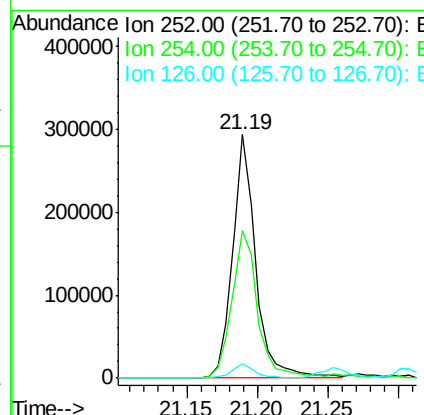
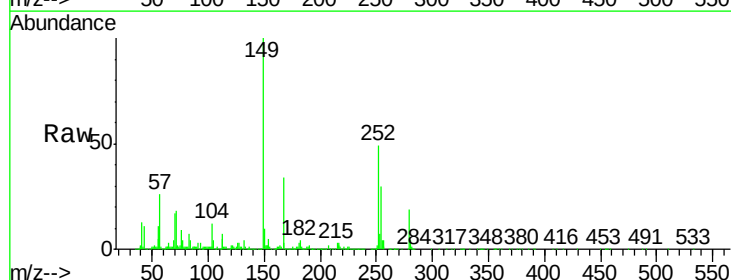
Manual Integrations
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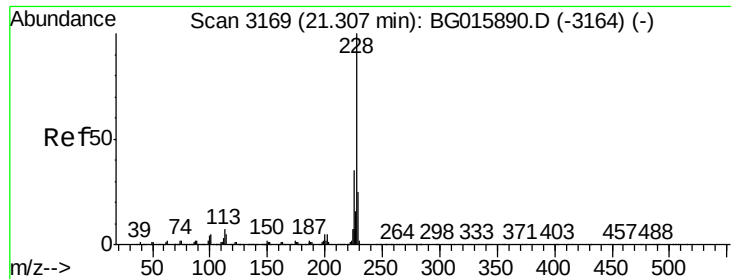
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#81
3,3'-Dichlorobenzidine
Concen: 13.86 ng
RT: 21.19 min Scan# 3149
Delta R.T. 0.00 min
Lab File: BG015956.D
Acq: 27 Jan 2015 21:59

Tgt Ion	Ratio	Lower	Upper
252	100		
254	60.7	52.9	79.3
126	6.0	5.8	8.6





#82

Chrysene

Concen: 43.76 ng

RT: 21.31 min Scan# 3169

Delta R.T. 0.00 min

Lab File: BG015956.D

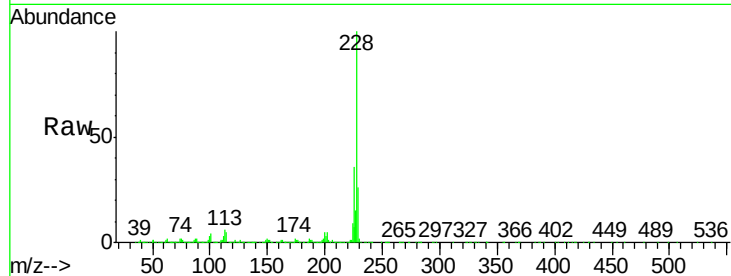
Acq: 27 Jan 2015 21:59

Instrument :

BNA_G

ClientSampleId :

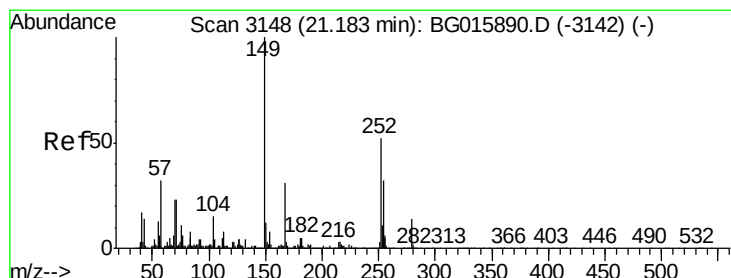
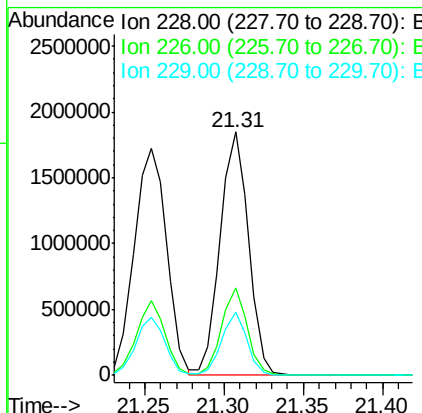
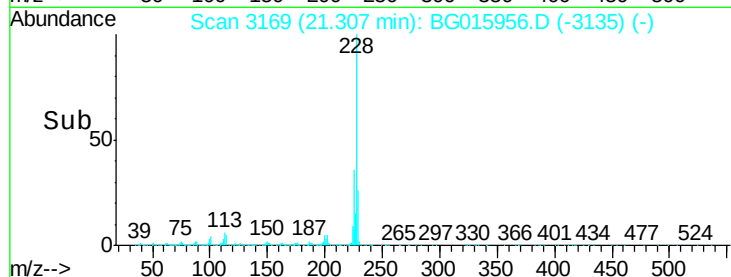
DRILLCUTTINGSMS



Tgt Ion	Ratio	Lower	Upper
228	100		
226	35.8	28.1	42.1
229	25.7	19.8	29.6

Manual Integrations
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#83

Bis(2-ethylhexyl)phthalate

Concen: 42.58 ng

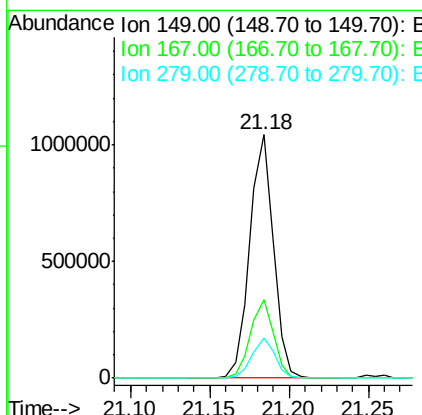
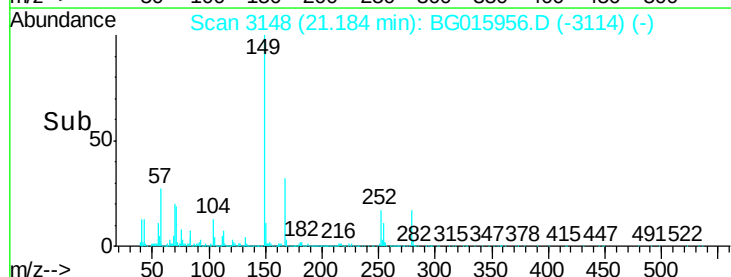
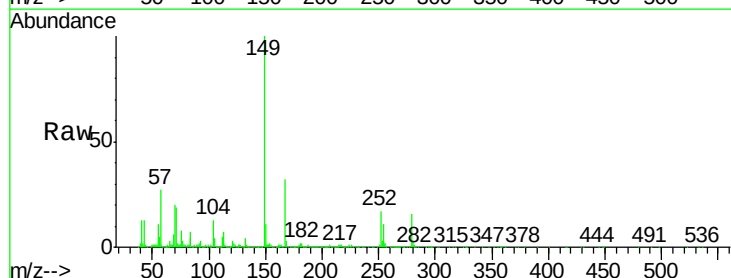
RT: 21.18 min Scan# 3148

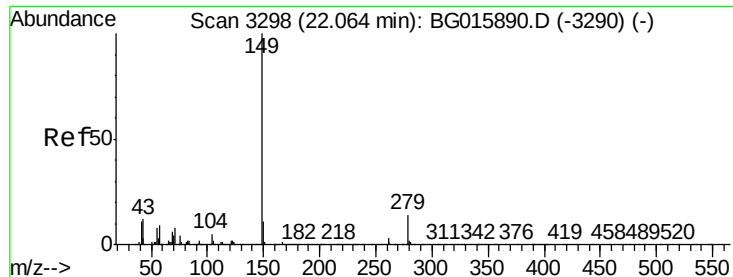
Delta R.T. 0.00 min

Lab File: BG015956.D

Acq: 27 Jan 2015 21:59

Tgt Ion	Ratio	Lower	Upper
149	100		
167	32.4	25.1	37.7
279	16.5	11.2	16.8





#84

Di-n-octyl phthalate

Concen: 43.50 ng

RT: 22.06 min Scan# 3297

Delta R.T. -0.01 min

Lab File: BG015956.D

Acq: 27 Jan 2015 21:59

Instrument :

BNA_G

ClientSampleId :

DRILLCUTTINGSMS

Tgt Ion:149 Resp: 1706362

Ion Ratio Lower Upper

149 100

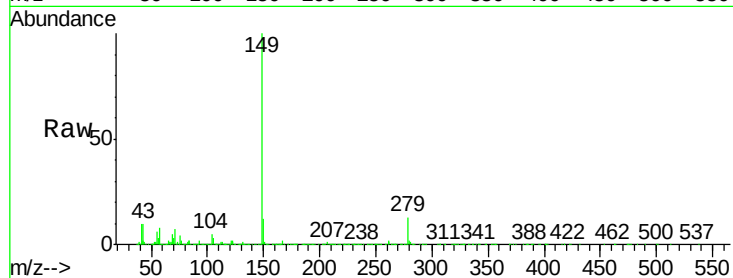
167 2.0 1.4 2.0

43 10.1 9.2 13.8

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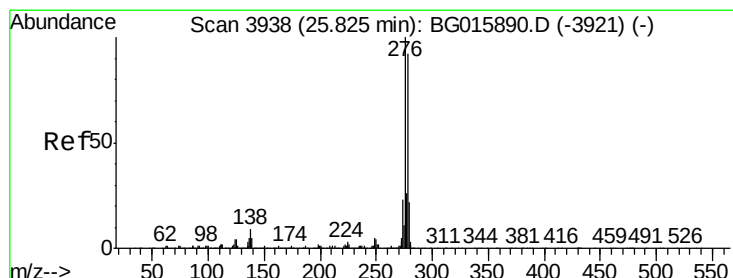
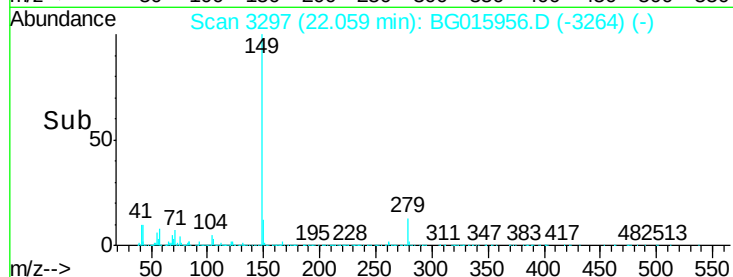
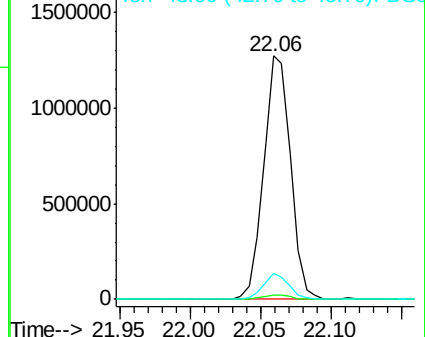
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B



#85

Indeno(1,2,3-cd)pyrene

Concen: 45.58 ng

RT: 25.83 min Scan# 3938

Delta R.T. 0.00 min

Lab File: BG015956.D

Acq: 27 Jan 2015 21:59

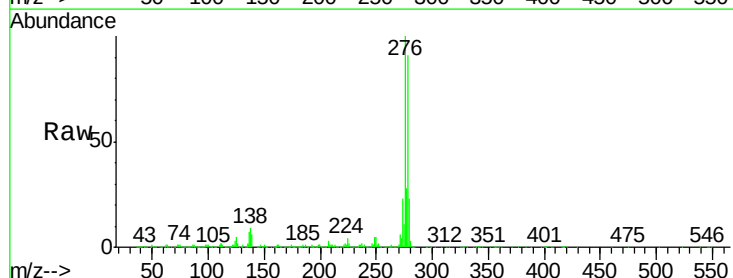
Tgt Ion:276 Resp: 2892647

Ion Ratio Lower Upper

276 100

138 7.6 6.9 10.3

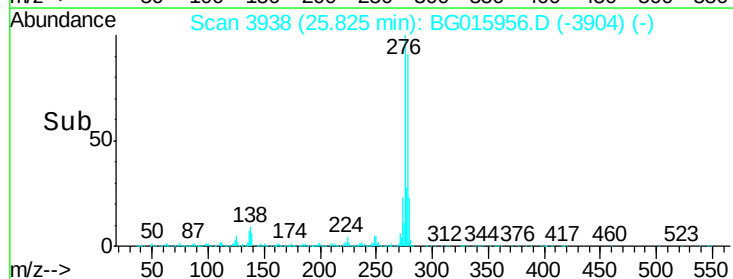
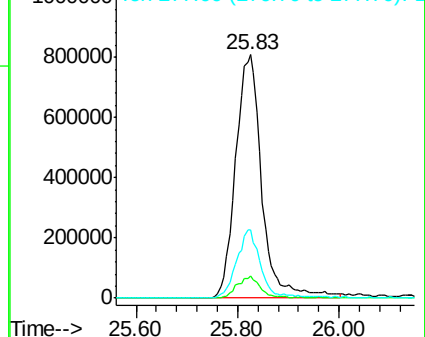
277 25.9 20.7 31.1

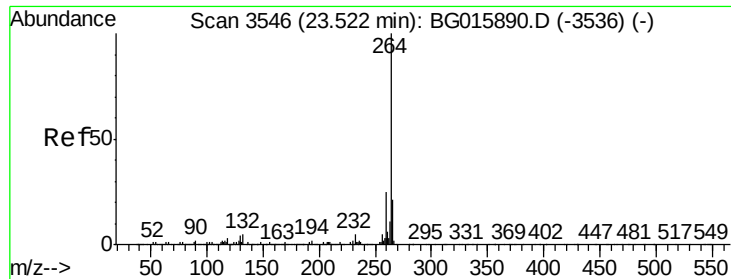


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





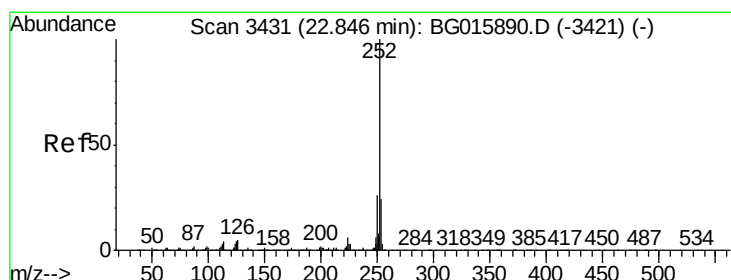
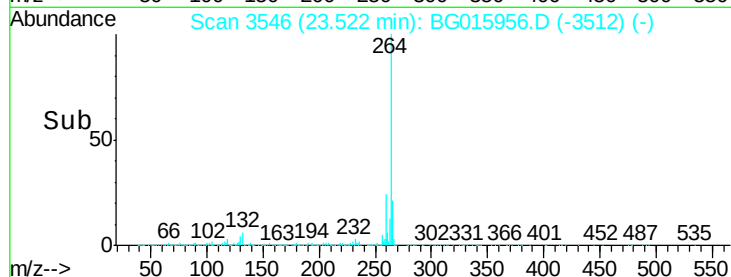
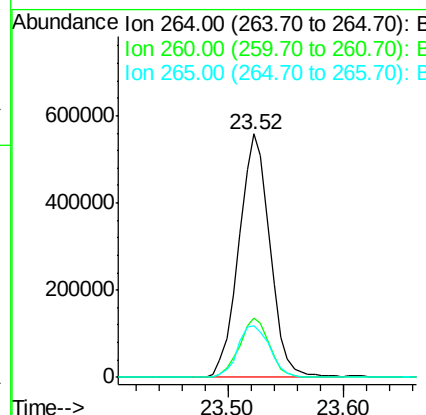
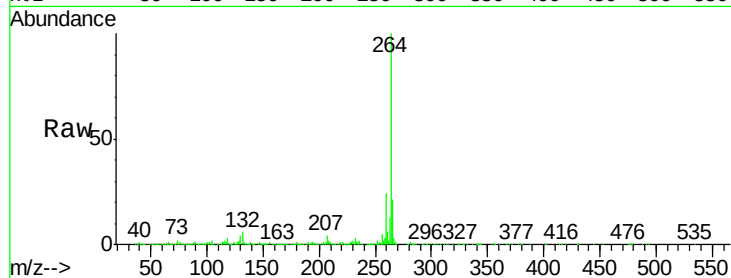
#86
Perylene-d12
Concen: 20.00 ng
RT: 23.52 min Scan# 3546
Delta R.T. 0.00 min
Lab File: BG015956.D
Acq: 27 Jan 2015 21:59

Instrument :
BNA_G
ClientSampleId :
DRILLCUTTINGSMS

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.7	29.5
265	21.5	17.3	25.9

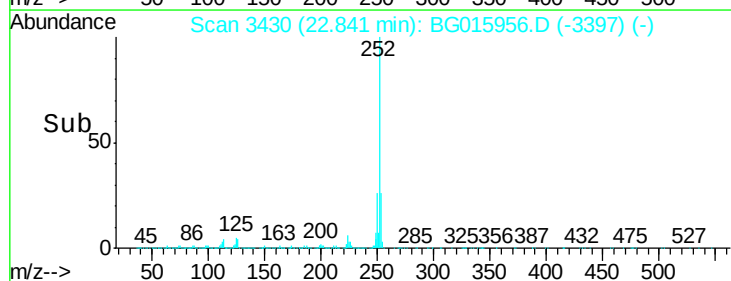
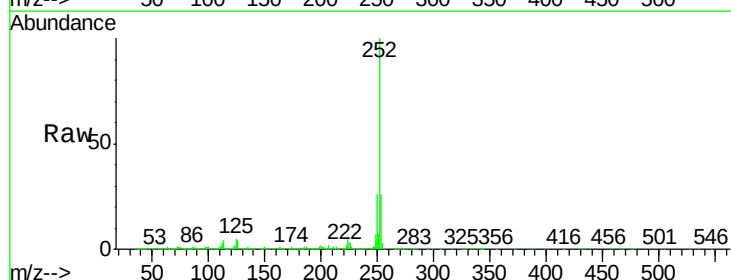
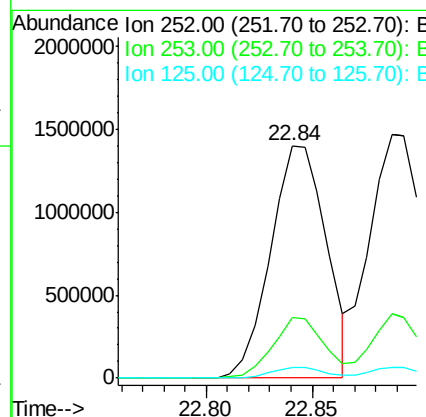
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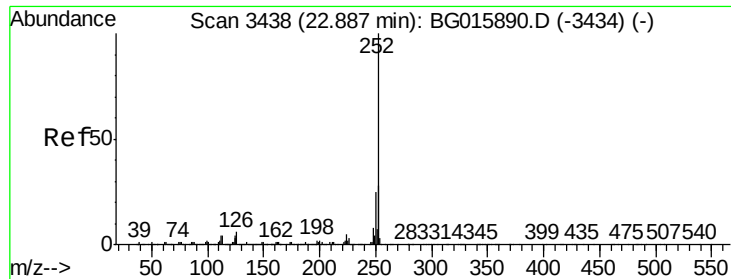
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#87
Benzo(b)fluoranthene
Concen: 43.11 ng
RT: 22.84 min Scan# 3430
Delta R.T. -0.01 min
Lab File: BG015956.D
Acq: 27 Jan 2015 21:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.9	19.4	29.0
125	4.5	2.9	4.3#





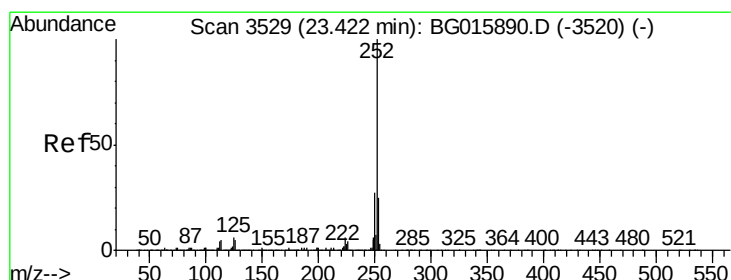
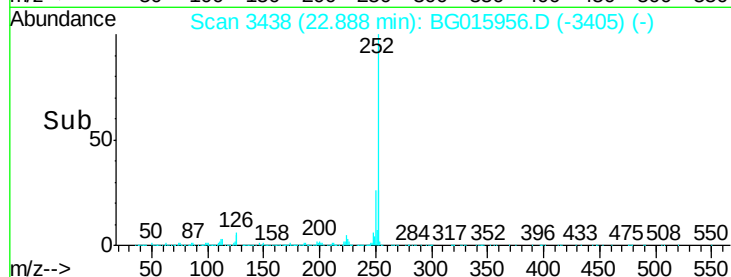
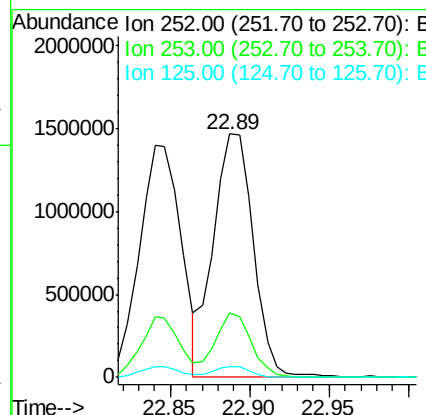
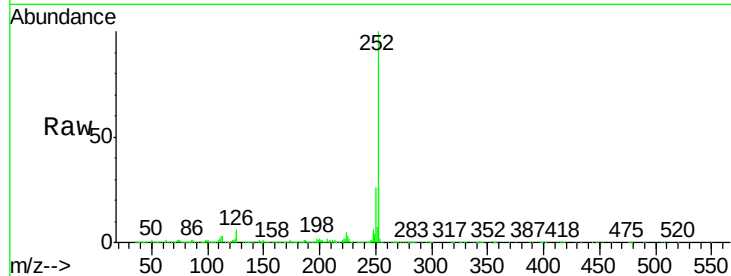
#88
Benzo(k)fluoranthene
Concen: 44.52 ng
RT: 22.89 min Scan# 3438
Delta R.T. -0.01 min
Lab File: BG015956.D
Acq: 27 Jan 2015 21:59

Instrument :
BNA_G
ClientSampleId :
DRILLCUTTINGSMS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.4	21.3	31.9
125	4.6	3.4	5.0

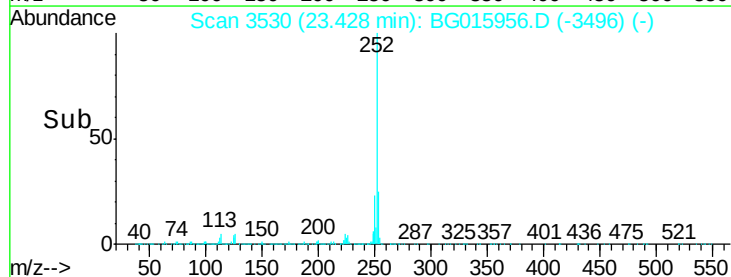
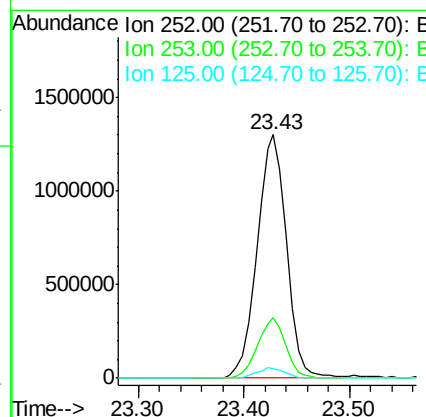
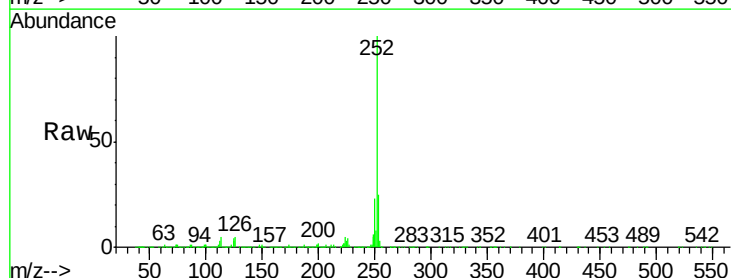
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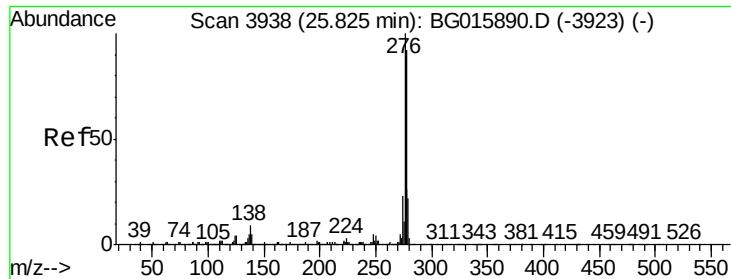
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#89
Benzo(a)pyrene
Concen: 43.90 ng
RT: 23.43 min Scan# 3530
Delta R.T. 0.00 min
Lab File: BG015956.D
Acq: 27 Jan 2015 21:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	19.9	29.9
125	3.8	4.5	6.7#





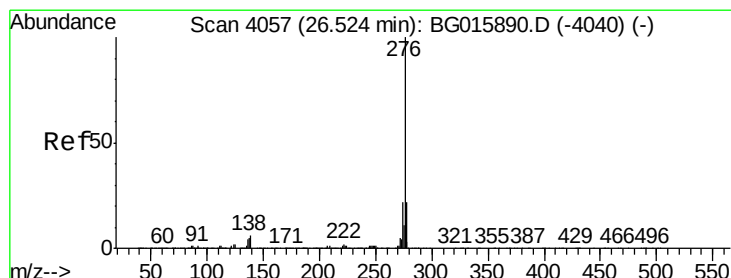
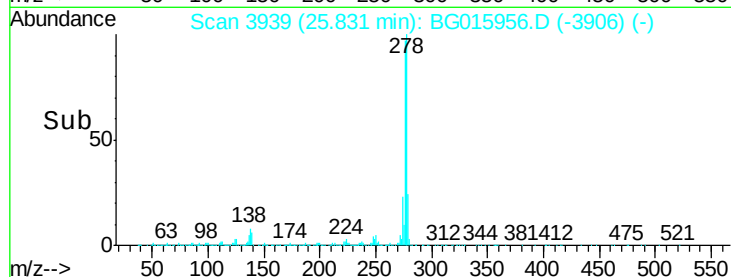
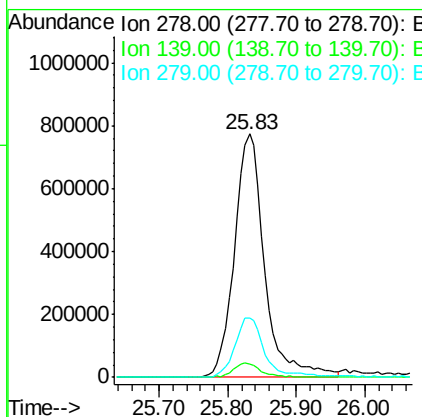
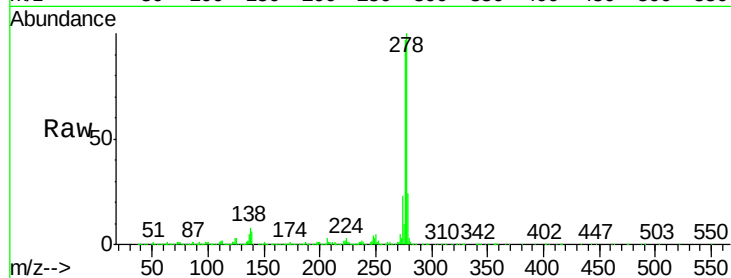
#90
Dibenzo(a,h)anthracene
Concen: 43.51 ng
RT: 25.83 min Scan# 3939
Delta R.T. -0.01 min
Lab File: BG015956.D
Acq: 27 Jan 2015 21:59

Instrument :
BNA_G
ClientSampleId :
DRILLCUTTINGSMS

Tgt Ion:278 Resp: 2360160
Ion Ratio Lower Upper
278 100
139 5.6 4.3 6.5
279 24.4 19.4 29.0

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 44.61 ng
RT: 26.52 min Scan# 4057
Delta R.T. 0.00 min
Lab File: BG015956.D
Acq: 27 Jan 2015 21:59

Tgt Ion:276 Resp: 2361223
Ion Ratio Lower Upper
276 100
277 22.8 17.2 25.8
138 7.8 5.0 7.6#

