

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120417\
 Data File : BG031357.D
 Acq On : 4 Dec 2017 21:46
 Operator : SJ/JU
 Sample : I6308-02MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SA-06-120117MSD

Manual Integrations
 APPROVED

Sohil
 12/5/2017 3:26:48 PM

Quant Time: Dec 05 05:38:17 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	62850	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	276389	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	189240	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	487864	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	542956	20.00	ng	-0.02
86) Perylene-d12	25.06	264	541129	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.69	112	632259	172.50	ng	-0.02
7) Phenol-d6	7.30	99	773494	156.65	ng	0.00
23) Nitrobenzene-d5	9.30	82	524130	112.37	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	448448	146.49	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	1459967	110.85	ng	-0.02
78) Terphenyl-d14	20.08	244	2586135	105.17	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.55	88	55627	37.40	ng	# 81
3) Pyridine	3.96	79	145124	33.61	ng	85
4) n-Nitrosodimethylamine	3.86	42	79459	38.83	ng	# 89
6) Aniline	7.45	93	81035	12.47	ng	96
8) 2-Chlorophenol	7.70	128	204547	50.57	ng	89
9) Benzaldehyde	7.26	77	59360	17.18	ng	84
10) Phenol	7.33	94	227395	44.34	ng	88
11) bis(2-Chloroethyl)ether	7.54	93	188633	46.07	ng	90
12) 1,3-Dichlorobenzene	8.02	146	214235	45.14	ng	95
13) 1,4-Dichlorobenzene	8.16	146	219940	45.74	ng	95
14) 1,2-Dichlorobenzene	8.48	146	208400	45.15	ng	98
15) Benzyl Alcohol	8.37	79	168453	42.53	ng	88
16) 2,2'-oxybis(1-Chloropropan	8.65	45	268321	59.33	ng	90
17) 2-Methylphenol	8.58	107	170959	47.88	ng	97
18) Hexachloroethane	9.21	117	76247	45.56	ng	94
19) n-Nitroso-di-n-propylamine	8.93	70	150009	39.95	ng	# 94
20) 3+4-Methylphenols	8.91	107	232403	45.77	ng	97
22) Acetophenone	8.95	105	294206	42.75	ng	# 92
24) Nitrobenzene	9.34	77	227940	47.84	ng	# 89
25) Isophorone	9.86	82	425906	46.82	ng	# 91
26) 2-Nitrophenol	10.06	139	122992	49.52	ng	# 86
27) 2,4-Dimethylphenol	10.11	122	205571	55.76	ng	92
28) bis(2-Chloroethoxy)methane	10.34	93	272051	47.48	ng	99
29) 2,4-Dichlorophenol	10.60	162	235715	53.24	ng	91
30) 1,2,4-Trichlorobenzene	10.80	180	253885	48.03	ng	96
31) Naphthalene	11.00	128	649441	47.80	ng	99
32) Benzoic acid	10.27	122	70540	25.92	ng	86
34) Hexachlorobutadiene	11.27	225	160482	43.78	ng	96
35) Caprolactam	11.89	113	60325m	33.35	ng	
36) 4-Chloro-3-methylphenol	12.23	107	236330	49.04	ng	# 83
37) 2-Methylnaphthalene	12.59	142	510148	48.64	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	307488	40.94	ng	97
40) Hexachlorocyclopentadiene	12.93	237	283087	98.99	ng	93
42) 2,4,6-Trichlorophenol	13.20	196	214802	50.03	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.29	196	227946	48.52	nq	# 94
45) 1,1'-Biphenyl	13.59	154	663164	42.26	nq	98
46) 2-Chloronaphthalene	13.63	162	553130	48.85	nq	95
47) 2-Nitroaniline	13.84	65	152058	45.31	nq	# 74
48) Acenaphthylene	14.47	152	843723	45.53	nq	98
49) Dimethylphthalate	14.20	163	748691	45.76	nq	99
50) 2,6-Dinitrotoluene	14.33	165	175349	51.99	nq	# 70
51) Acenaphthene	14.81	154	529511	45.75	nq	99
52) 3-Nitroaniline	14.66	138	22939	6.41	nq	# 80
53) 2,4-Dinitrophenol	14.88	184	195079	103.30	nq	# 47
54) Dibenzofuran	15.15	168	881255	47.81	nq	100
55) 4-Nitrophenol	14.99	139	225875	88.55	nq	# 73
56) 2,4-Dinitrotoluene	15.12	165	250504	51.38	nq	# 72
57) Fluorene	15.80	166	702080	46.91	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.38	232	227201	50.74	nq	# 90
59) Diethylphthalate	15.55	149	757126	45.55	nq	97
60) 4-Chlorophenyl-phenylether	15.78	204	421889	46.68	nq	92
61) 4-Nitroaniline	15.83	138	155848	41.10	nq	84
62) Azobenzene	16.07	77	587734	46.37	nq	92
64) 4,6-Dinitro-2-methylphenol	15.88	198	144703	44.62	nq	77
65) n-Nitrosodiphenylamine	16.00	169	653733	44.22	nq	99
66) 4-Bromophenyl-phenylether	16.67	248	283032	45.81	nq	99
67) Hexachlorobenzene	16.80	284	291519	44.40	nq	95
68) Atrazine	16.94	200	234301	38.41	nq	98
69) Pentachlorophenol	17.15	266	304444	83.89	nq	98
70) Phenanthrene	17.53	178	1222883	48.14	nq	98
71) Anthracene	17.62	178	1253671	49.26	nq	97
72) Carbazole	17.89	167	1147291	48.11	nq	99
73) Di-n-butylphthalate	18.43	149	1321757	45.14	nq	99
74) Fluoranthene	19.53	202	1599806	49.74	nq	97
77) Pyrene	19.90	202	1633049	50.69	nq	95
79) Butylbenzylphthalate	20.75	149	638079	49.67	nq	# 84
80) Benzo(a)anthracene	21.74	228	1631412	48.37	nq	97
81) 3,3'-Dichlorobenzidine	21.65	252	131647	9.67	nq	98
82) Chrysene	21.81	228	1530472	49.06	nq	96
83) Bis(2-ethylhexyl)phthalate	21.62	149	884014	47.67	nq	98
84) Di-n-octyl phthalate	22.84	149	1477532	48.95	nq	# 93
85) Indeno(1,2,3-cd)pyrene	28.85	276	1791554	47.24	nq	99
87) Benzo(b)fluoranthene	24.01	252	1655343	50.57	nq	98
88) Benzo(k)fluoranthene	24.08	252	1557764	48.01	nq	98
89) Benzo(a)pyrene	24.90	252	1573558	50.60	nq	99
90) Dibenzo(a,h)anthracene	28.90	278	1521379	47.87	nq	98
91) Benzo(g,h,i)perylene	30.03	276	1388681	45.02	nq	97

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

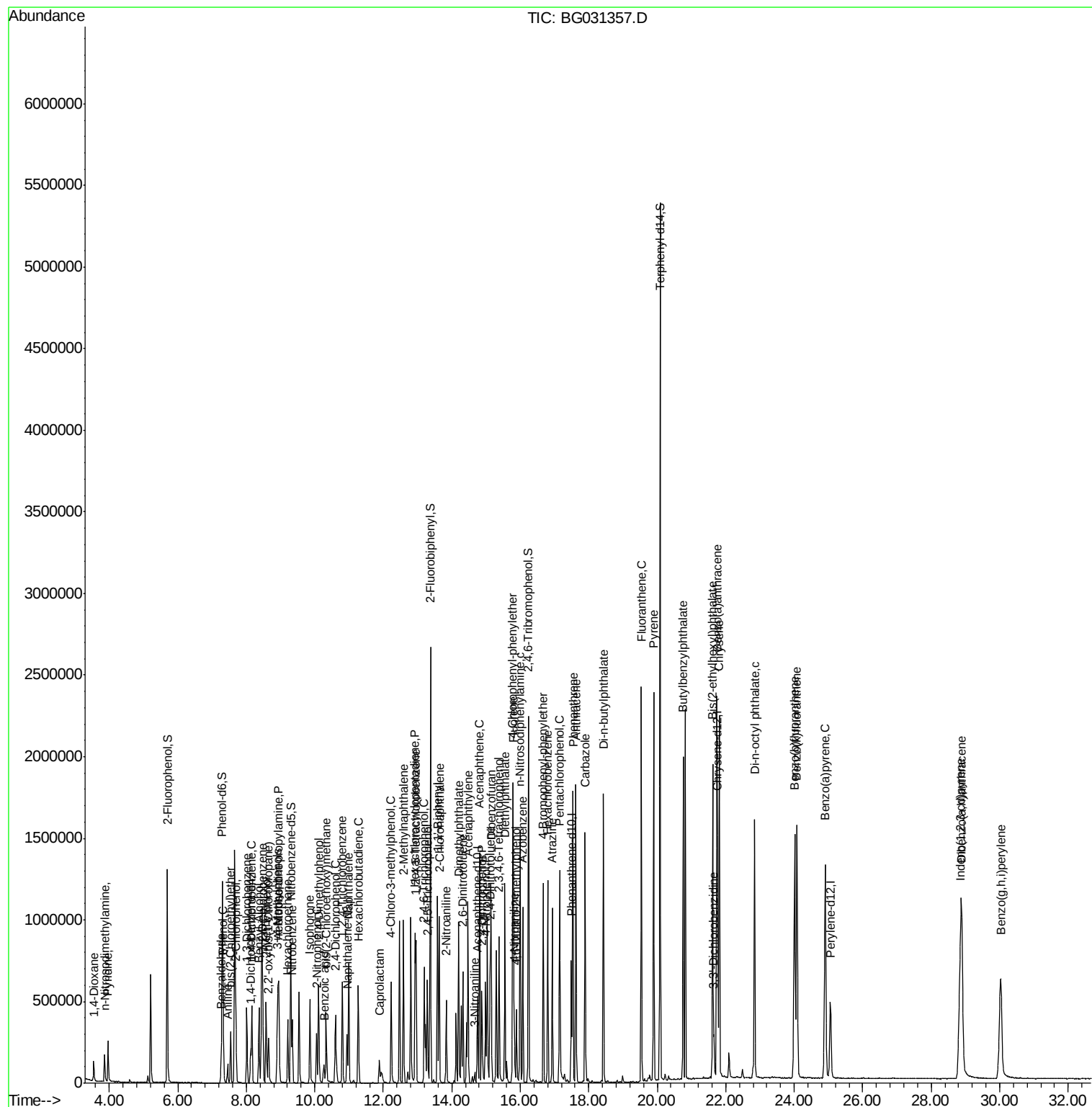
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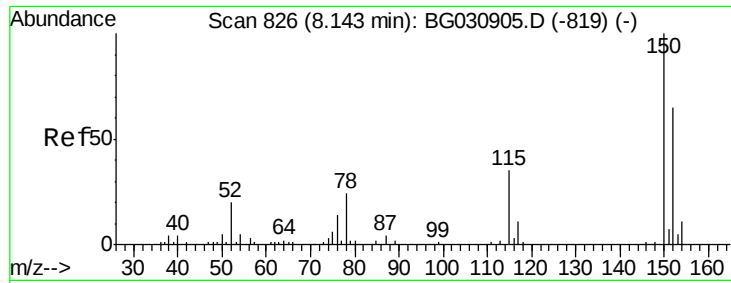
Instrument :
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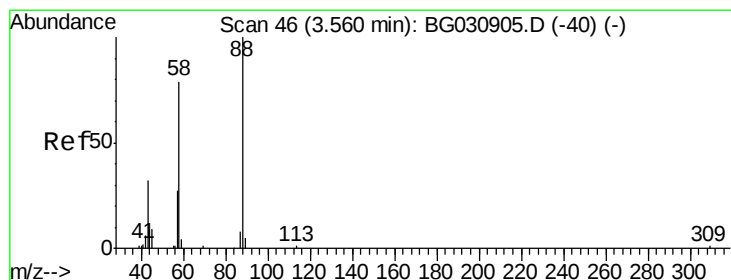
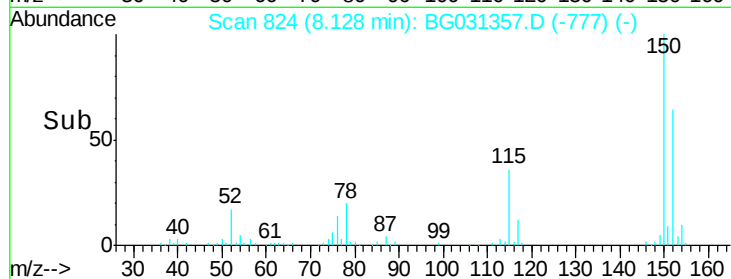
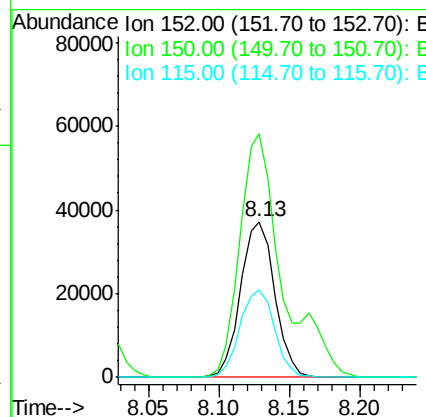
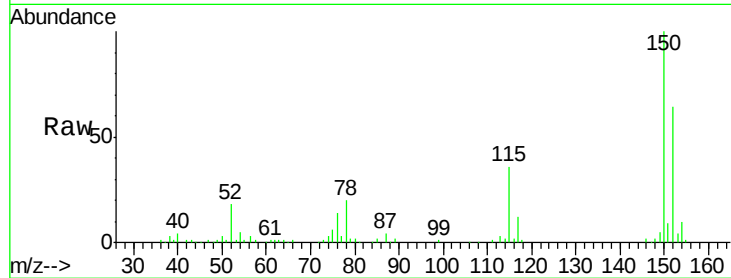
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 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.13 min Scan# 824
 Delta R.T. -0.02 min
 Lab File: BG031357.D
 Acq: 4 Dec 2017 21:46

Instrument :
 BNA_G
 ClientSampleId :
 SA-06-120117MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	126.6	189.8
115	56.2	53.0	79.4

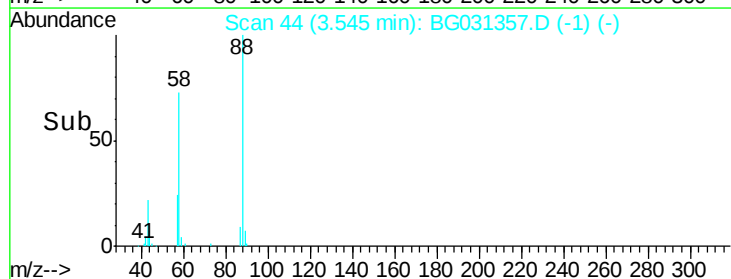
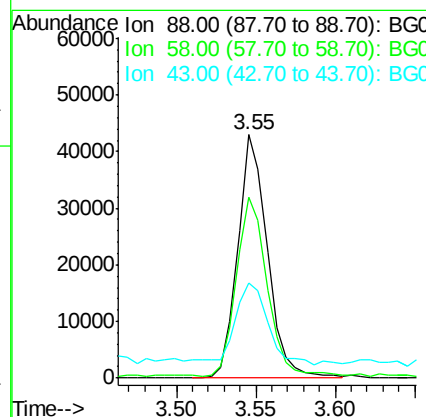
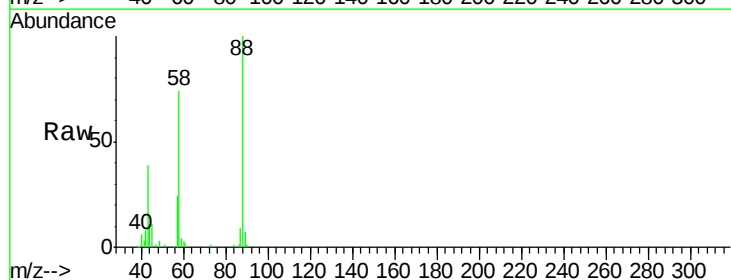
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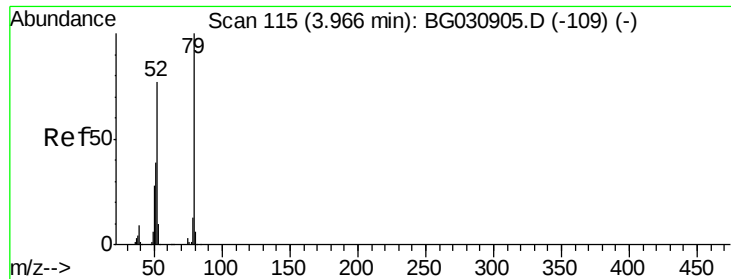
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#2
 1,4-Dioxane
 Concen: 37.40 ng
 RT: 3.55 min Scan# 44
 Delta R.T. -0.02 min
 Lab File: BG031357.D
 Acq: 4 Dec 2017 21:46

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.8	79.6	119.4#
43	37.4	27.4	41.0





#3

Pvridine

Concen: 33.61 ng

RT: 3.96 min Scan# 114

Delta R.T. -0.02 min

Lab File: BG031357.D

Acq: 4 Dec 2017 21:46

Instrument :

BNA_G

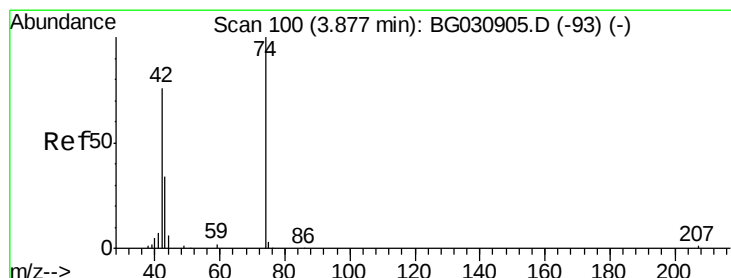
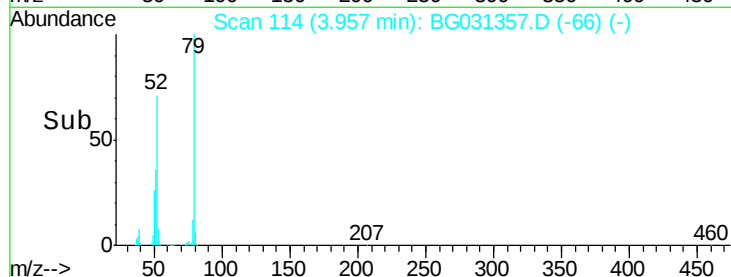
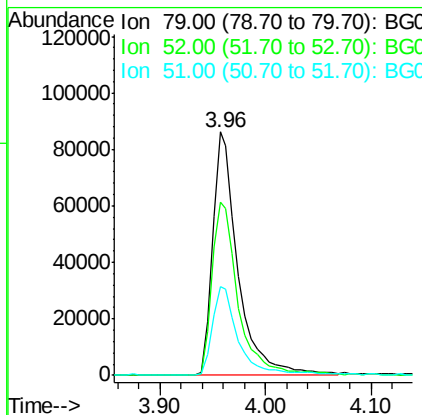
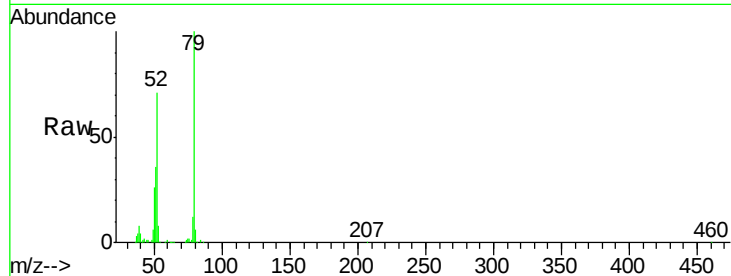
ClientSampleId :

SA-06-120117MSD

Tot Ion:	79	Resp:	145124
Ion Ratio	Lower	Upper	
79	100		
52	71.0	69.9	104.9
51	36.3	34.0	51.0

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#4

n-Nitrosodimethylamine

Concen: 38.83 ng

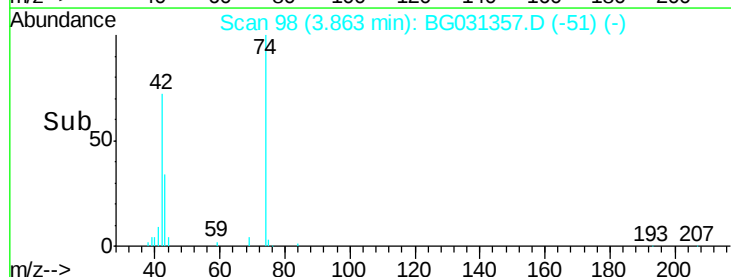
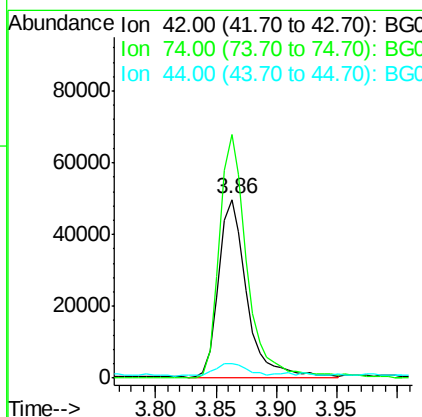
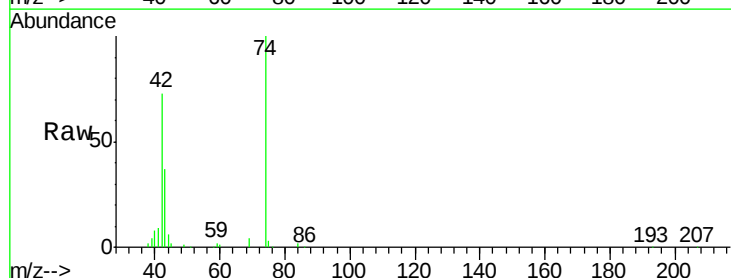
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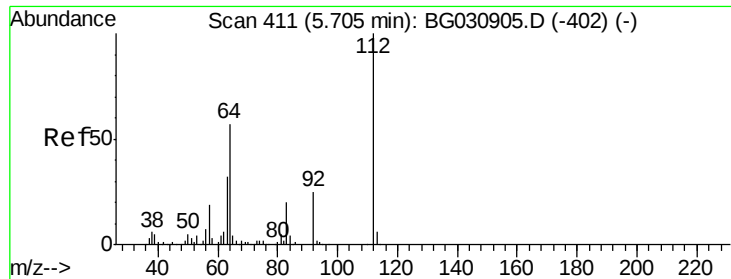
Delta R.T. -0.02 min

Lab File: BG031357.D

Acq: 4 Dec 2017 21:46

Tgt Ion:	42	Resp:	79459
Ion Ratio	Lower	Upper	
42	100		
74	136.3	102.5	153.7
44	8.1	18.9	28.3#





#5

2-Fluorophenol

Concen: 172.50 ng

RT: 5.69 min Scan# 409

Delta R.T. -0.02 min

Lab File: BG031357.D

Acq: 4 Dec 2017 21:46

Instrument :

BNA_G

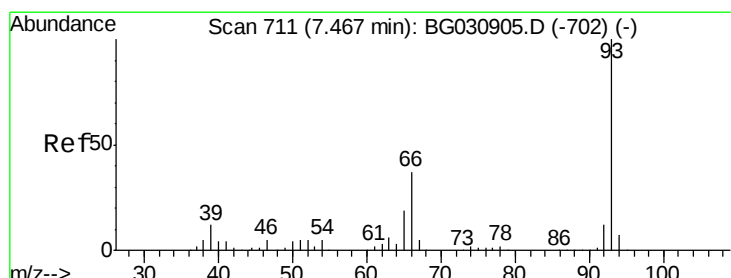
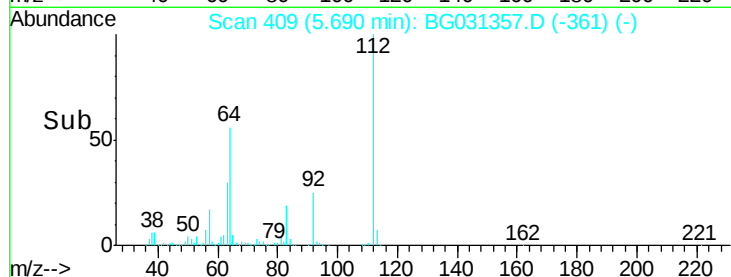
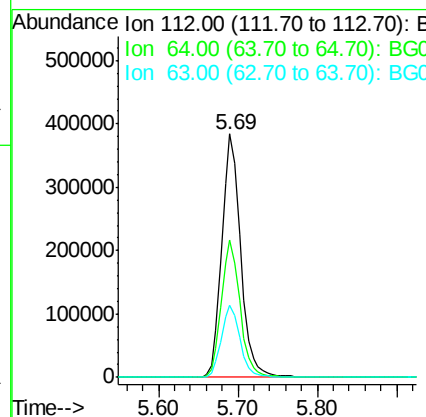
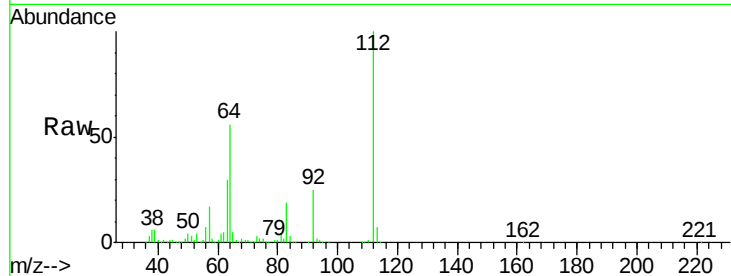
ClientSampleId :

SA-06-120117MSD

Tot Ion:	112	Resp:	632259
Ion Ratio	Lower	Upper	
112	100		
64	56.3	56.3	84.5#
63	29.6	30.1	45.1#

Manual Integrations
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#6

Aniline

Concen: 12.47 ng

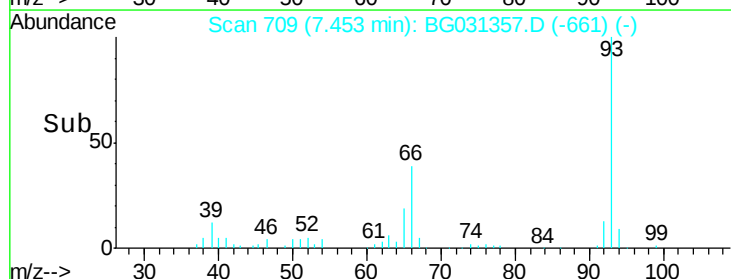
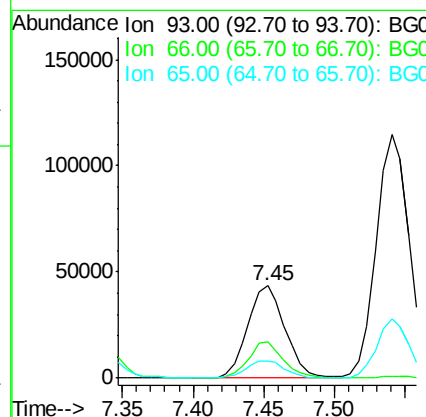
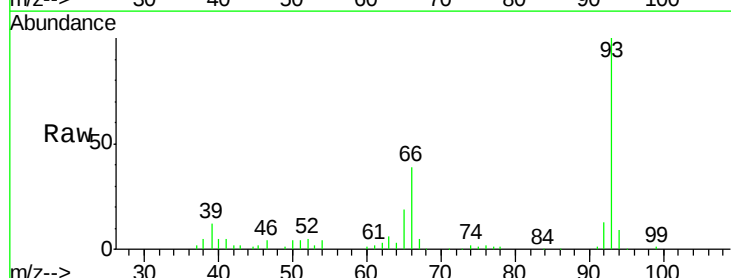
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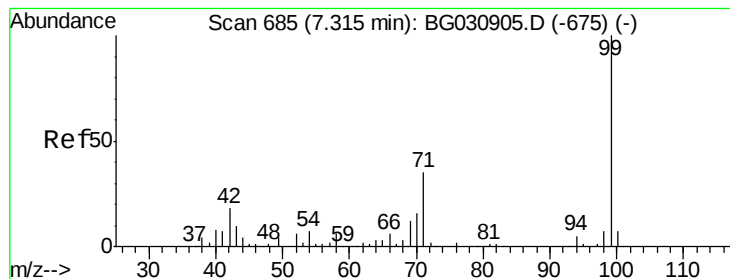
Delta R.T. -0.02 min

Lab File: BG031357.D

Acq: 4 Dec 2017 21:46

Tgt Ion:	93	Resp:	81035
Ion Ratio	Lower	Upper	
93	100		
66	38.9	33.7	50.5
65	19.1	16.1	24.1





#7

Phenol-d6

Concen: 156.65 ng

RT: 7.30 min Scan# 683

Delta R.T. -0.01 min

Lab File: BG031357.D

Acq: 4 Dec 2017 21:46

Instrument :

BNA_G

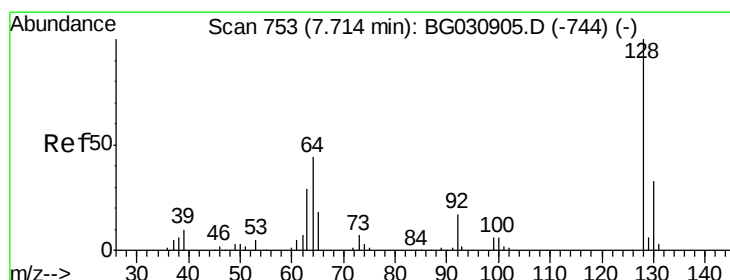
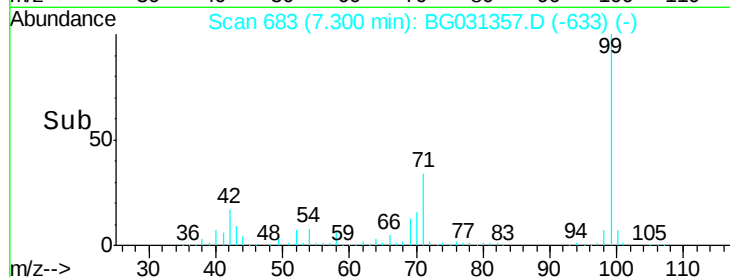
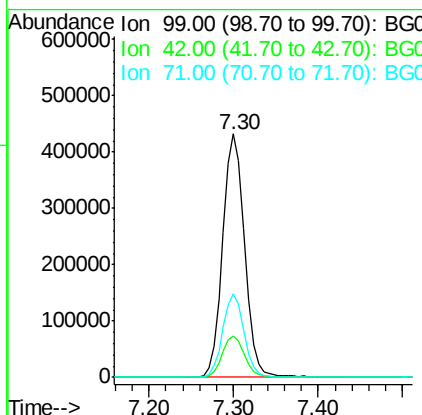
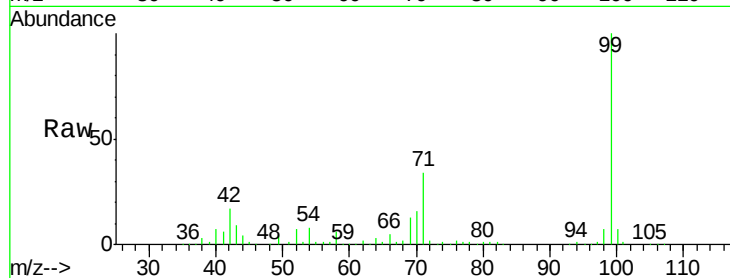
ClientSampleId :

SA-06-120117MSD

Tot Ion:	99	Resp:	773494
Ion Ratio	Lower	Upper	
99	100		
42	17.0	14.1	21.1
71	34.3	26.1	39.1

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#8

2-Chlorophenol

Concen: 50.57 ng

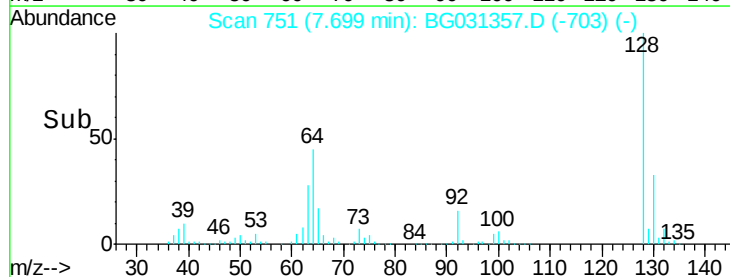
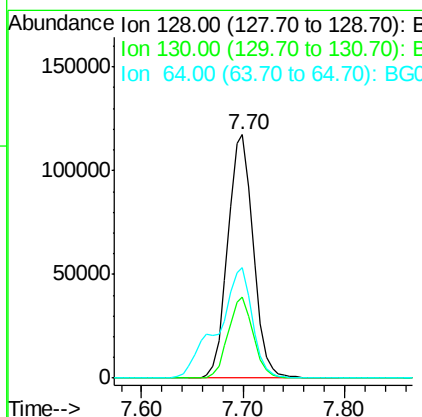
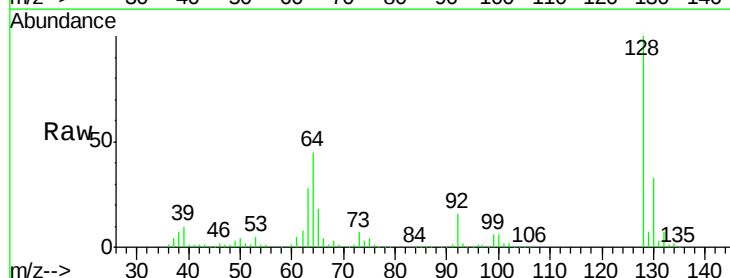
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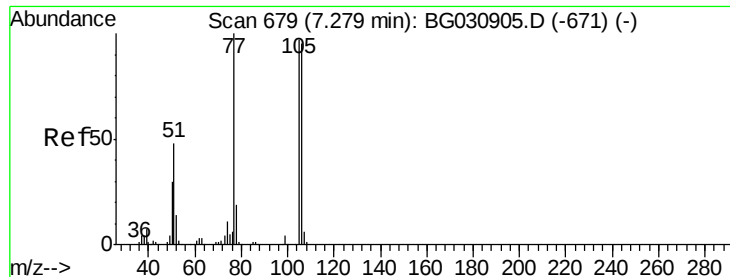
Delta R.T. -0.02 min

Lab File: BG031357.D

Acq: 4 Dec 2017 21:46

Tgt Ion:	128	Resp:	204547
Ion Ratio	Lower	Upper	
128	100		
130	33.3	14.0	54.0
64	45.2	37.7	77.7





#9

Benzaldehyde

Concen: 17.18 ng

RT: 7.26 min Scan# 677

Delta R.T. -0.02 min

Lab File: BG031357.D

Acq: 4 Dec 2017 21:46

Instrument :

BNA_G

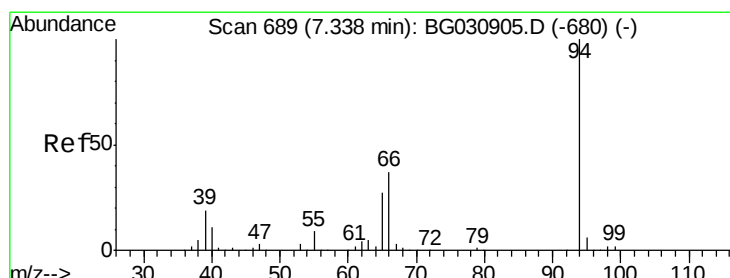
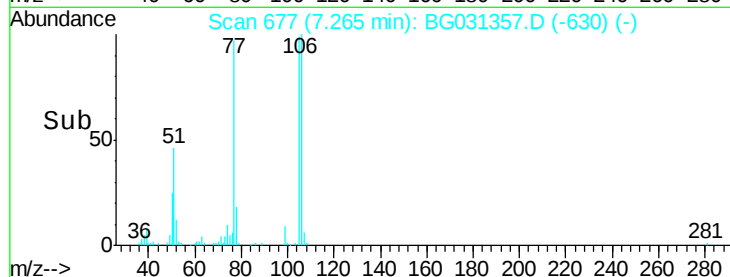
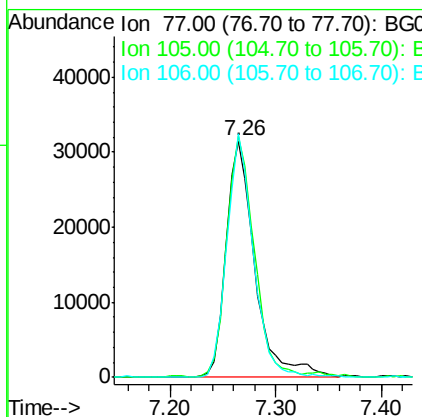
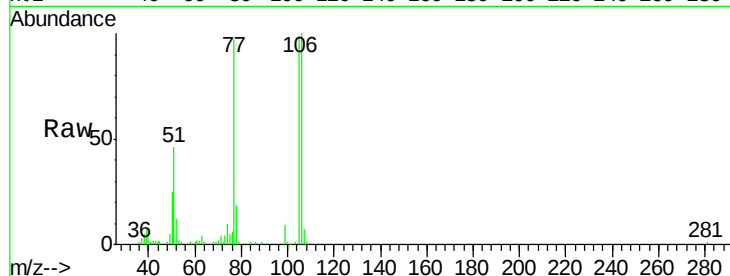
ClientSampleId :

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Tot Ion:	77	Resp:	59360
Ion	Ratio	Lower	Upper
77	100		
105	101.8	71.3	111.3
106	102.9	64.2	104.2

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#10

Phenol

Concen: 44.34 ng

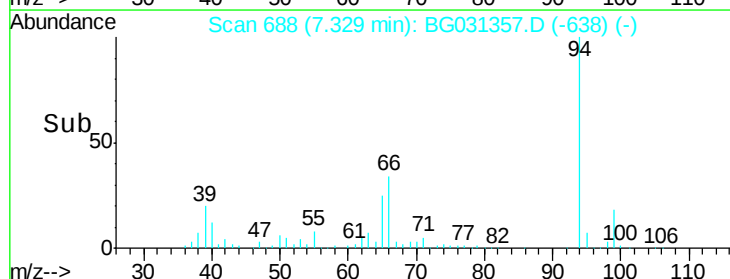
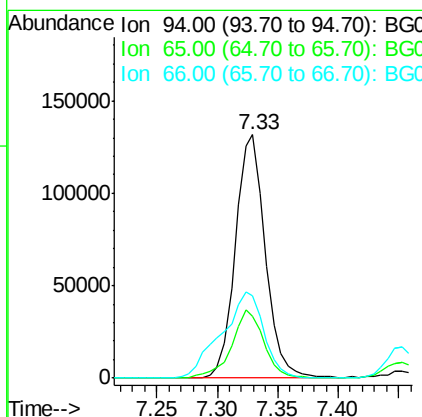
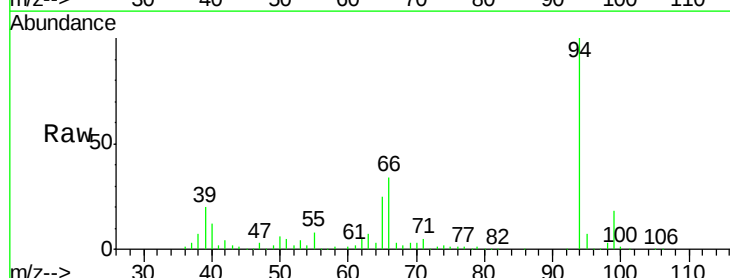
RT: 7.33 min Scan# 688

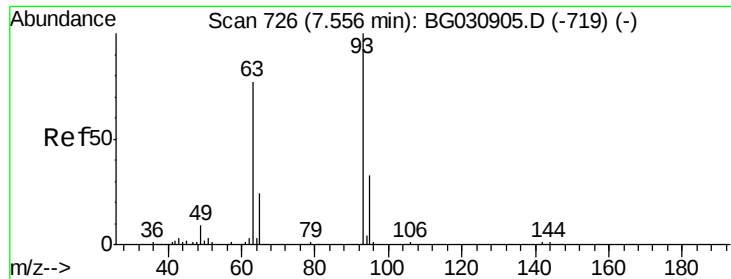
Delta R.T. -0.01 min

Lab File: BG031357.D

Acq: 4 Dec 2017 21:46

Tgt Ion:	94	Resp:	227395
Ion	Ratio	Lower	Upper
94	100		
65	25.3	11.9	51.9
66	34.0	22.2	62.2





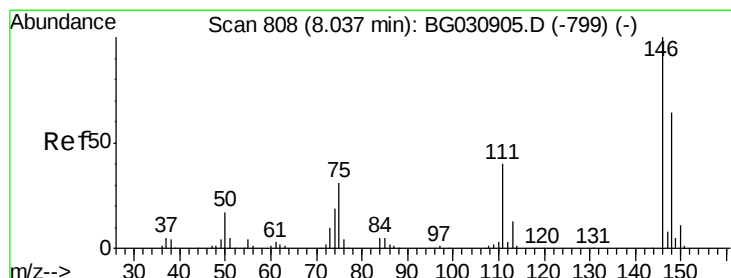
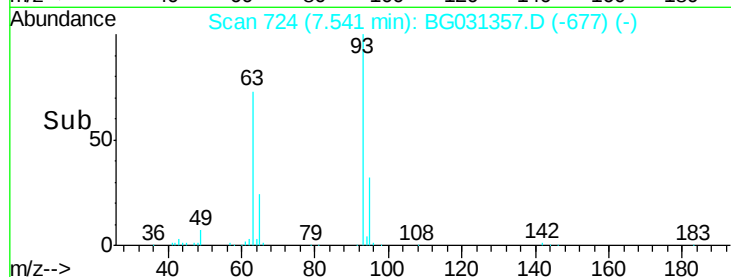
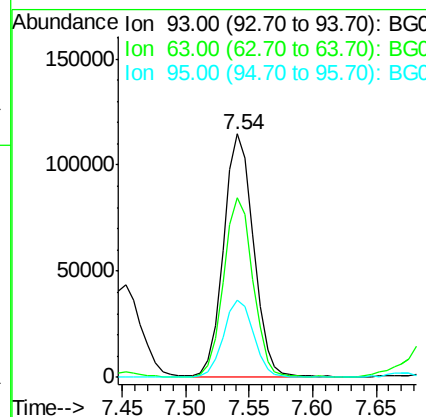
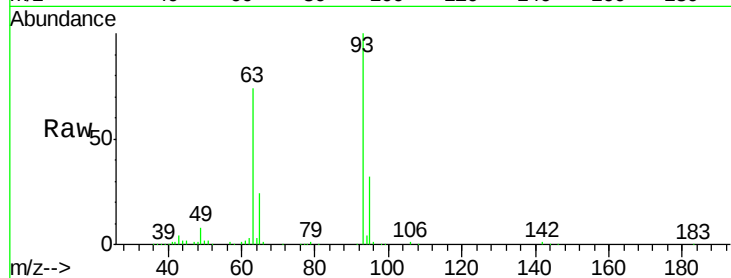
#11
bis(2-Chloroethyl)ether
Concen: 46.07 ng
RT: 7.54 min Scan# 724
Delta R.T. -0.02 min
Lab File: BG031357.D
Acq: 4 Dec 2017 21:46

Instrument :
BNA_G
ClientSampleId :
SA-06-120117MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	74.0	67.1	107.1
95	31.6	11.5	51.5

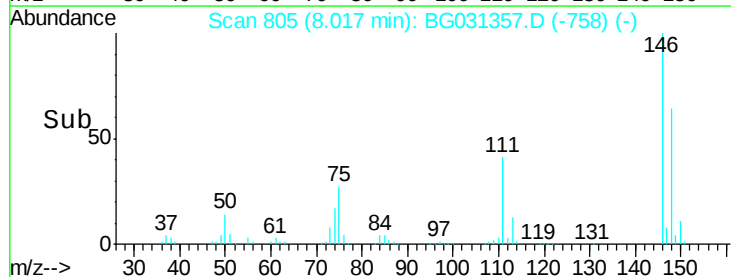
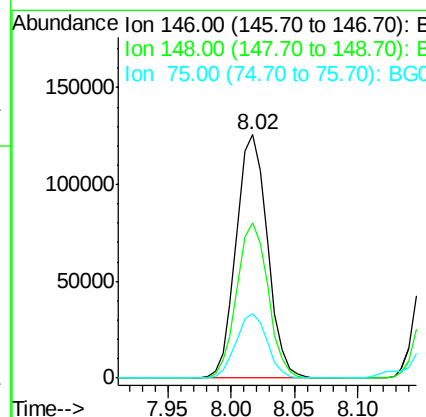
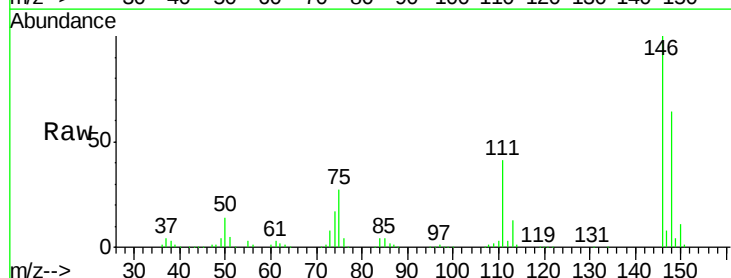
Manual Integrations
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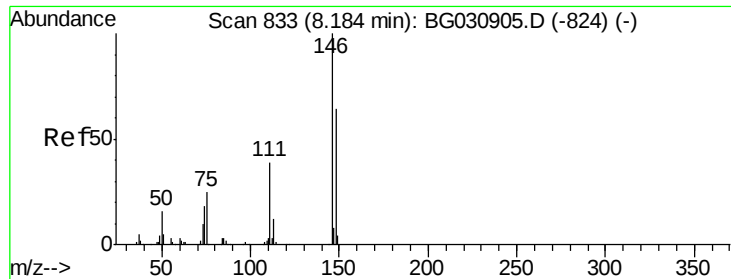
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#12
1,3-Dichlorobenzene
Concen: 45.14 ng
RT: 8.02 min Scan# 805
Delta R.T. -0.02 min
Lab File: BG031357.D
Acq: 4 Dec 2017 21:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.4	77.2
75	26.7	26.6	39.8





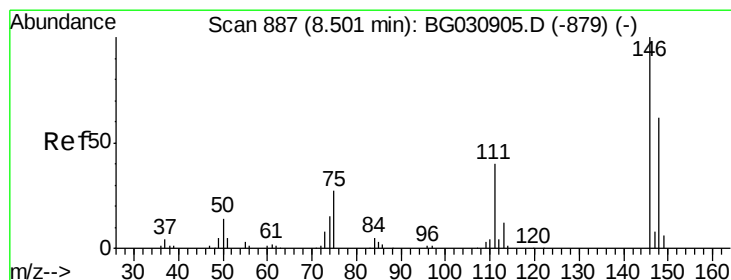
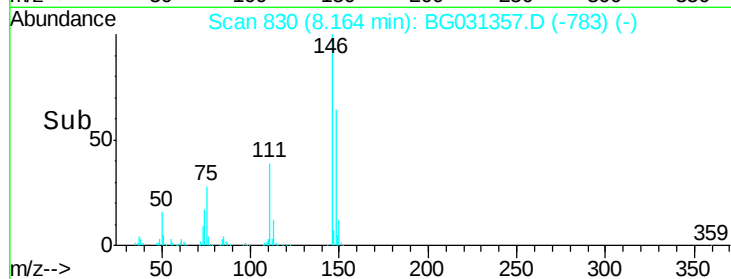
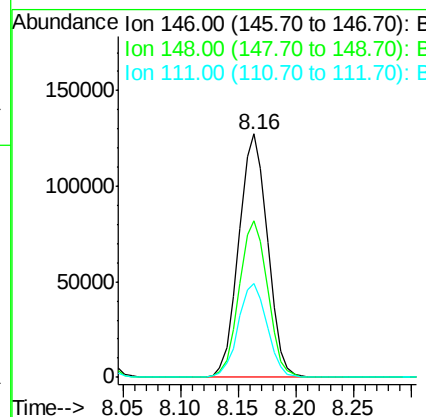
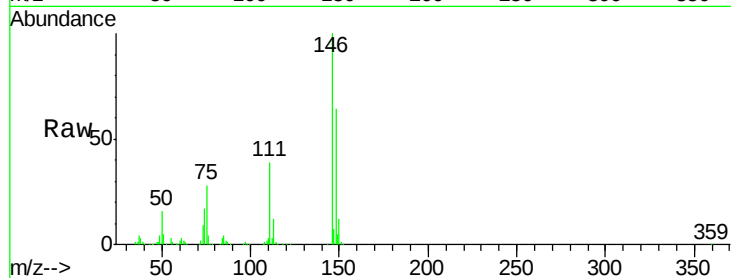
#13
1,4-Dichlorobenzene
Concen: 45.74 ng
RT: 8.16 min Scan# 830
Delta R.T. -0.02 min
Lab File: BG031357.D
Acq: 4 Dec 2017 21:46

Instrument :
BNA_G
ClientSampleId :
SA-06-120117MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	53.7	80.5
111	38.8	35.2	52.8

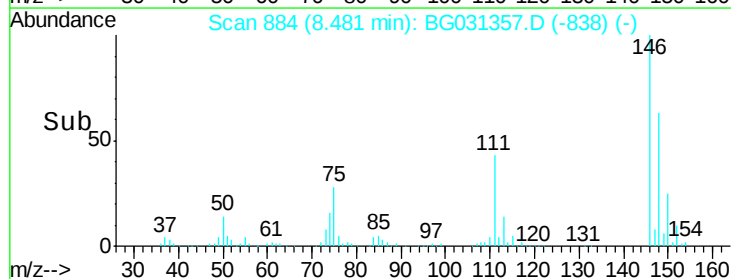
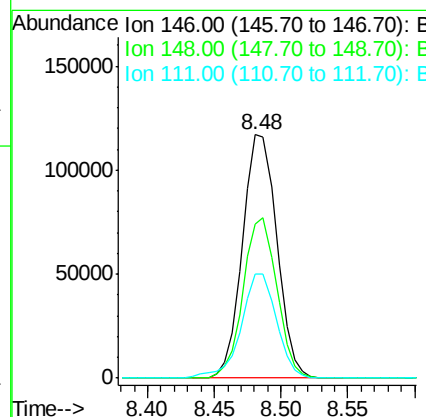
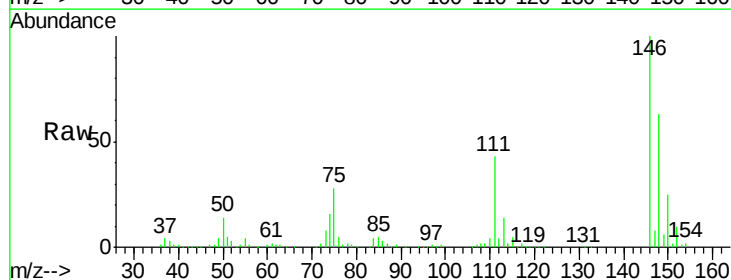
Manual Integrations
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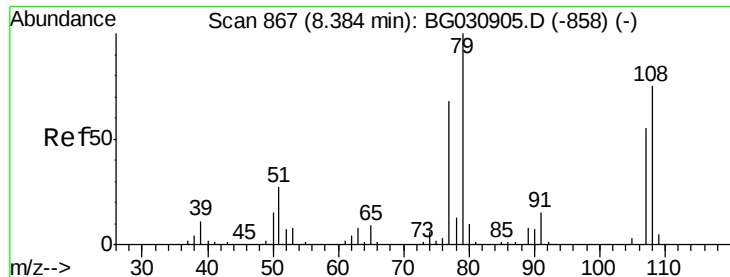
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#14
1,2-Dichlorobenzene
Concen: 45.15 ng
RT: 8.48 min Scan# 884
Delta R.T. -0.03 min
Lab File: BG031357.D
Acq: 4 Dec 2017 21:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	49.3	73.9
111	42.7	34.3	51.5





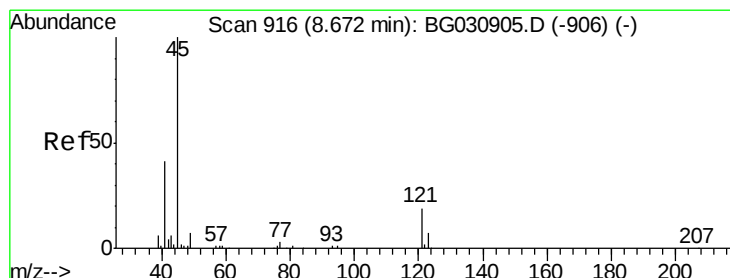
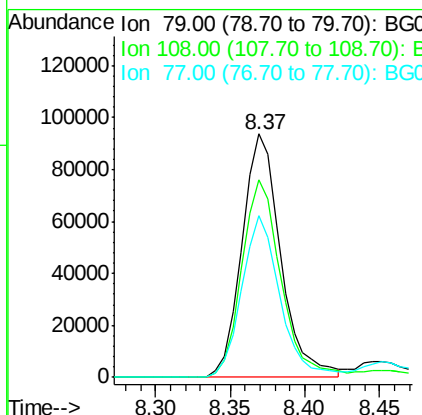
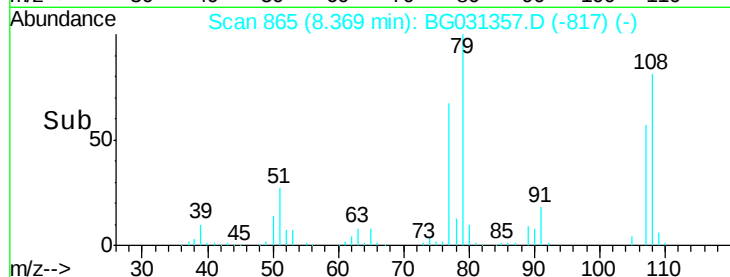
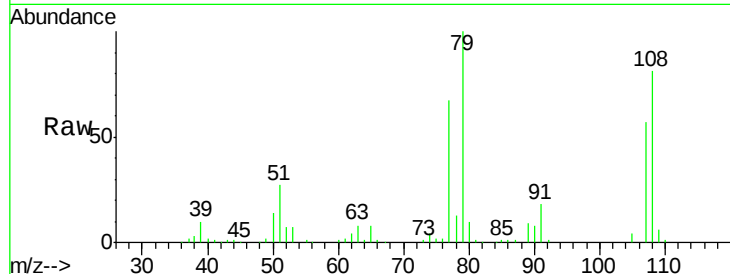
#15
Benzyl Alcohol
Concen: 42.53 ng
RT: 8.37 min Scan# 865
Delta R.T. -0.02 min
Lab File: BG031357.D
Acq: 4 Dec 2017 21:46

Instrument :
BNA_G
ClientSampleId :
SA-06-120117MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	81.3	57.2	85.8
77	66.5	46.1	69.1

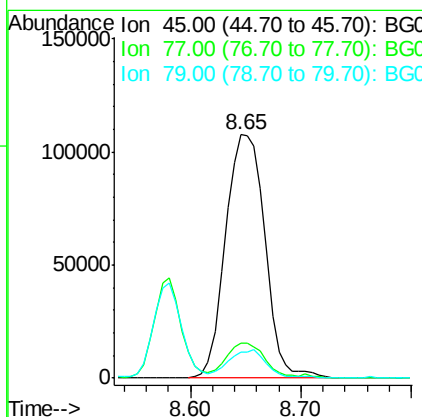
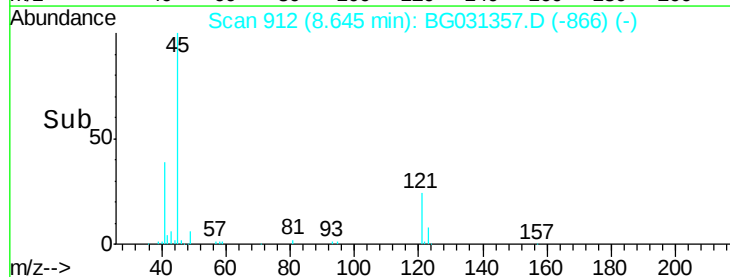
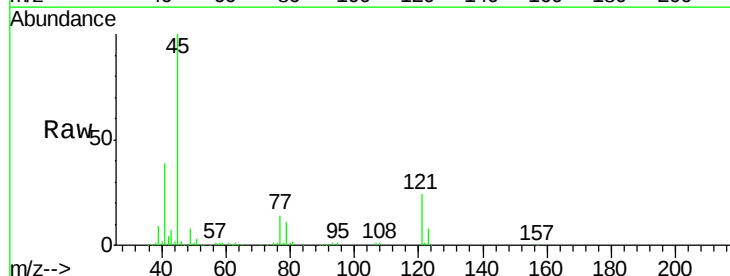
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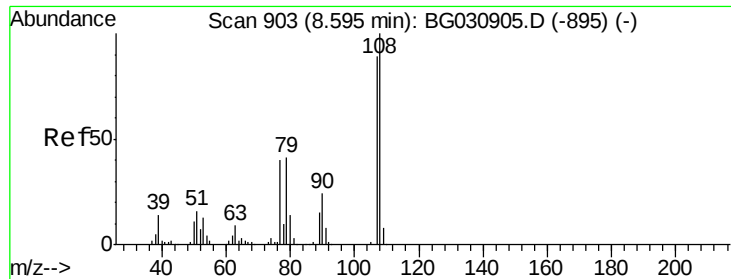
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#16
2,2'-oxybis(1-chloropropane)
Concen: 59.33 ng
RT: 8.65 min Scan# 912
Delta R.T. -0.03 min
Lab File: BG031357.D
Acq: 4 Dec 2017 21:46

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.3	0.0	30.2
79	10.8	0.0	27.9





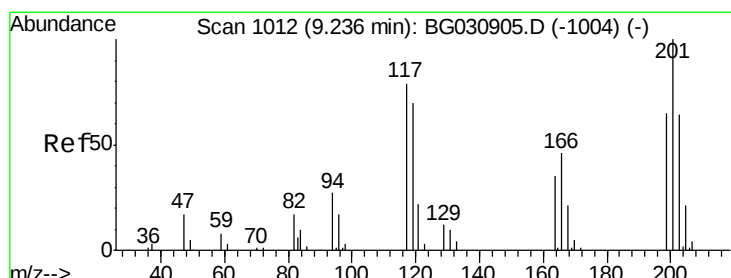
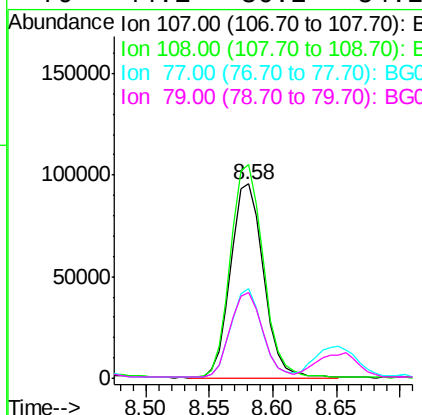
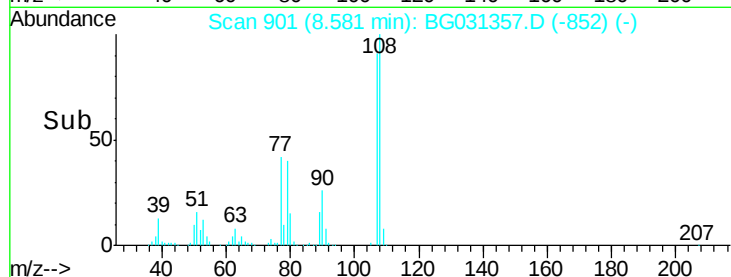
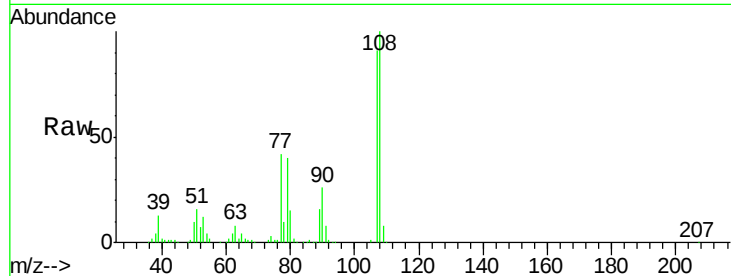
#17
2-Methylphenol
Concen: 47.88 ng
RT: 8.58 min Scan# 901
Delta R.T. -0.01 min
Lab File: BG031357.D
Acq: 4 Dec 2017 21:46

Instrument :
BNA_G
ClientSampleId :
SA-06-120117MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.0	83.9	125.9	
77	46.1	37.2	55.8	
79	44.1	36.2	54.2	

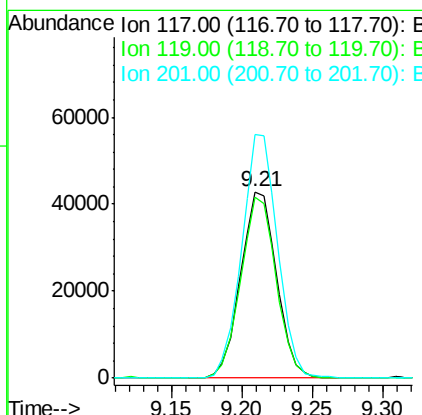
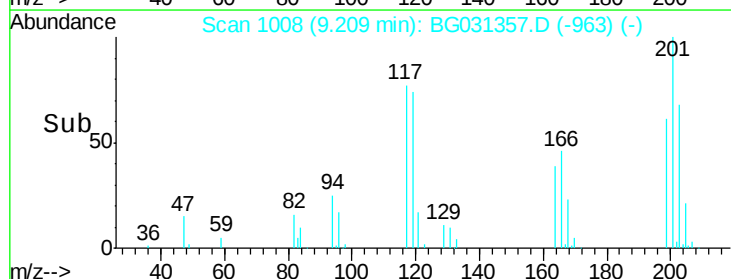
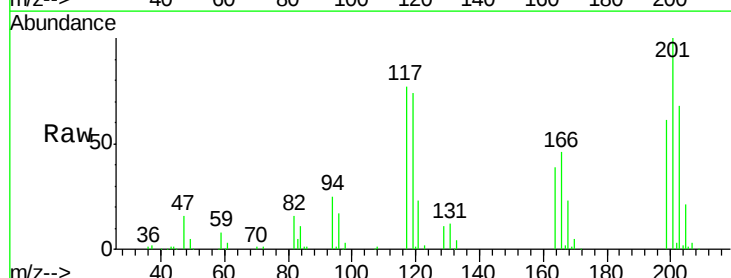
Manual Integrations
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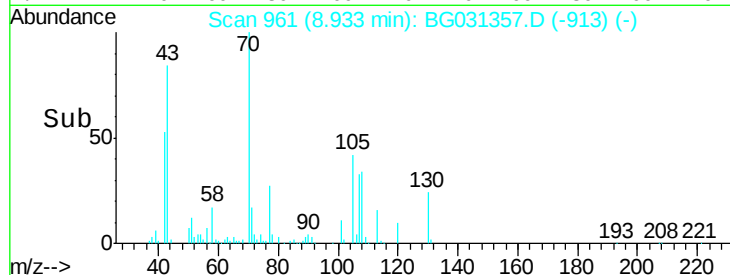
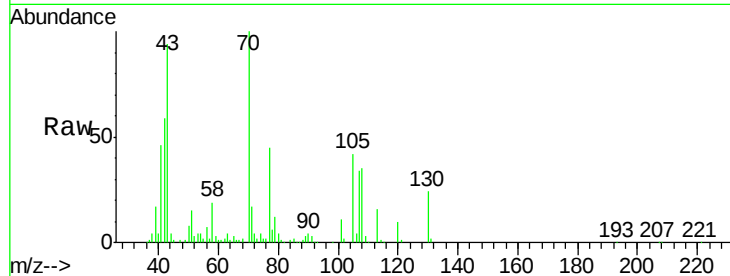
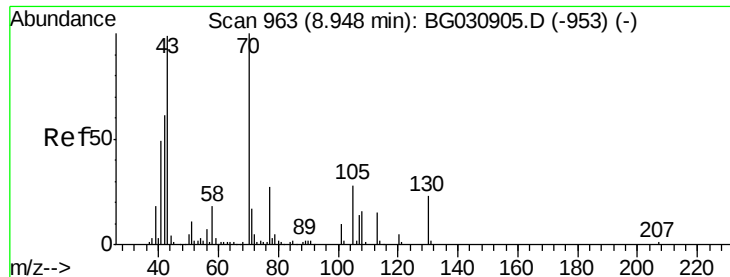
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#18
Hexachloroethane
Concen: 45.56 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.04 min
Lab File: BG031357.D
Acq: 4 Dec 2017 21:46

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.2	76.7	115.1	
201	130.7	95.7	143.5	





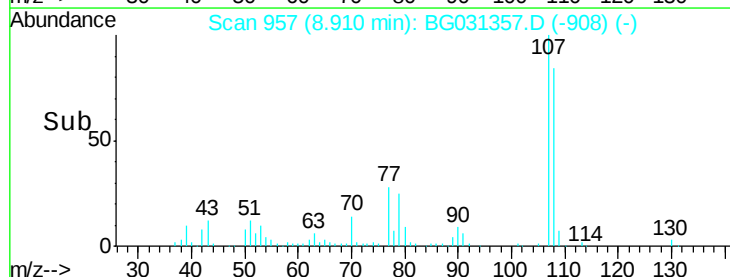
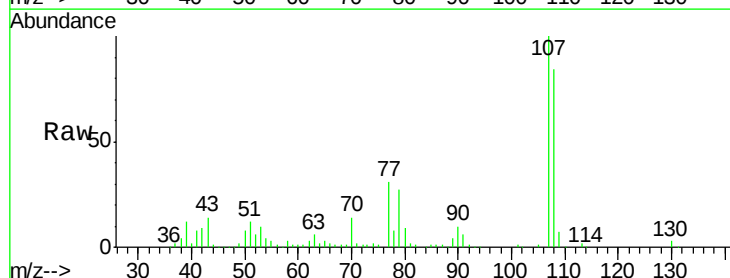
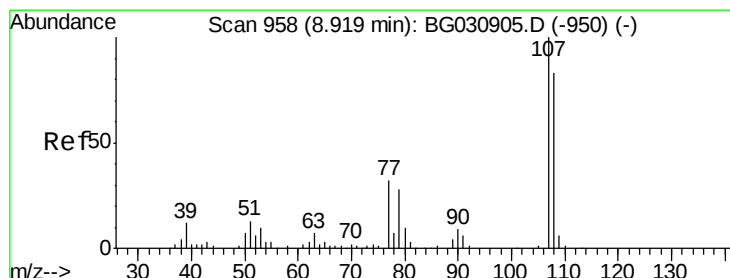
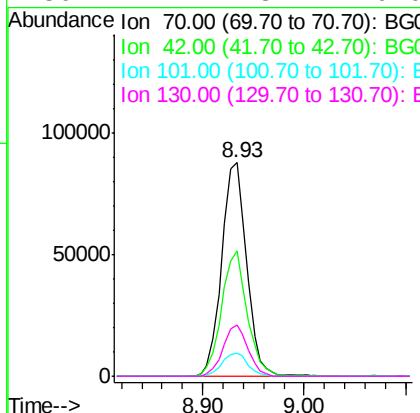
#19
n-Nitroso-di-n-propylamine
Concen: 39.95 ng
RT: 8.93 min Scan# 961
Delta R.T. -0.02 min
Lab File: BG031357.D
Acq: 4 Dec 2017 21:46

Instrument :
BNA_G
ClientSampleId :
SA-06-120117MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	58.8	49.1	73.7	
101	11.0	8.5	12.7	
130	24.1	13.4	20.0	

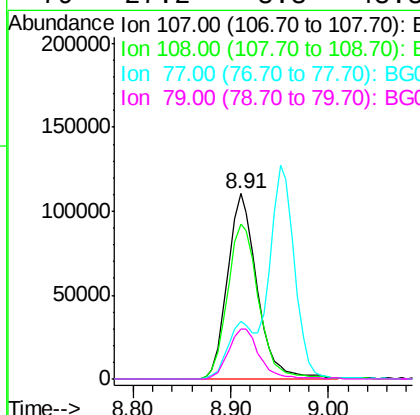
Manual Integrations
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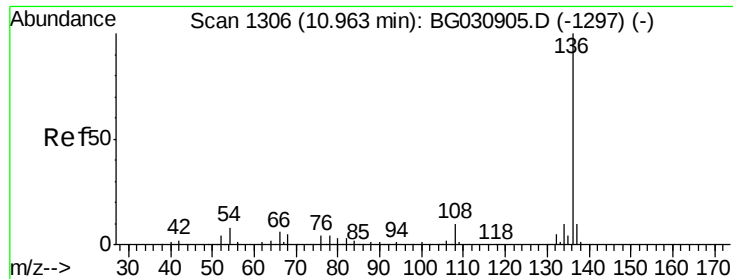
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#20
3+4-Methylphenols
Concen: 45.77 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.01 min
Lab File: BG031357.D
Acq: 4 Dec 2017 21:46

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	83.6	61.6	101.6	
77	30.9	13.9	53.9	
79	27.2	8.8	48.8	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.94 min Scan# 1303

Delta R.T. -0.02 min

Lab File: BG031357.D

Acq: 4 Dec 2017 21:46

Instrument :

BNA_G

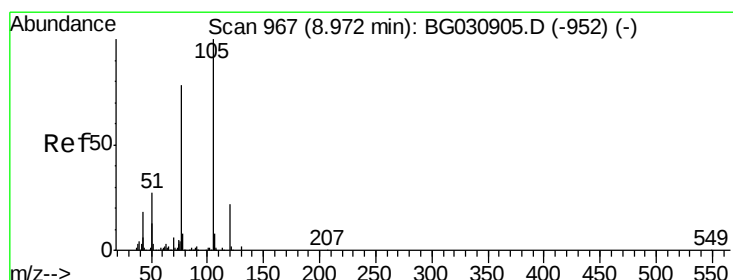
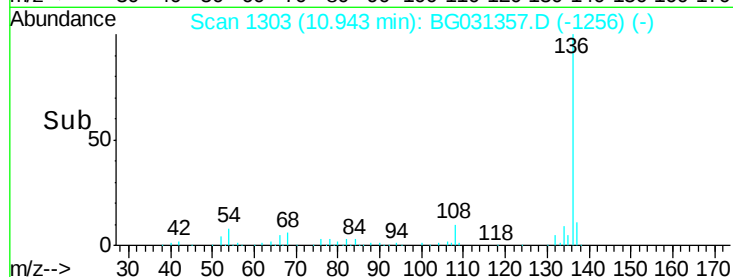
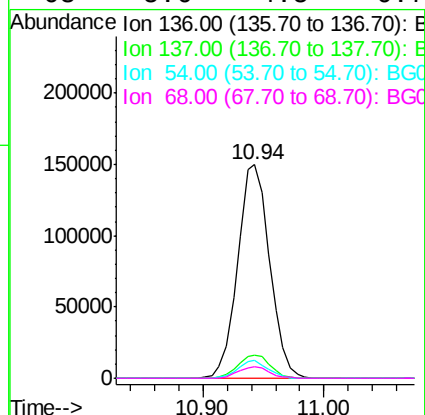
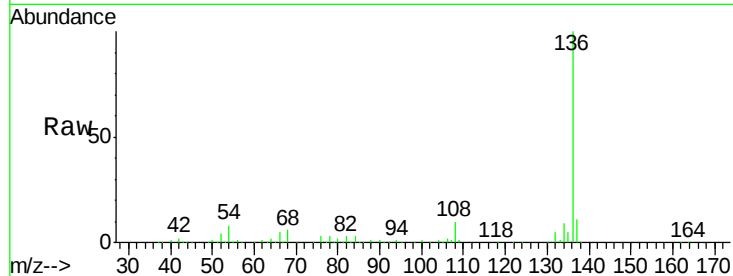
ClientSampleId :

SA-06-120117MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	276389		
137	11.0	9.2	13.8	
54	8.3	10.3	15.5	
68	5.6	4.5	6.7	

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#22

Acetophenone

Concen: 42.75 ng

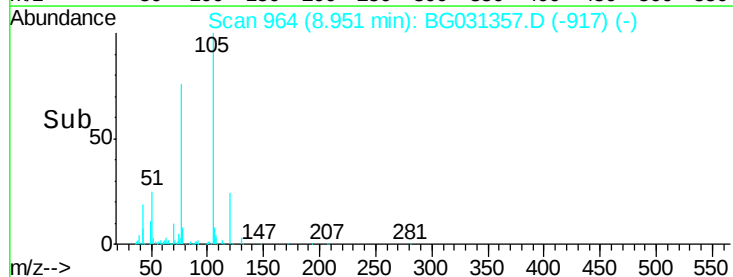
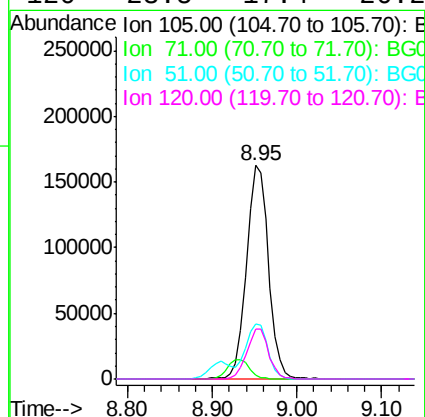
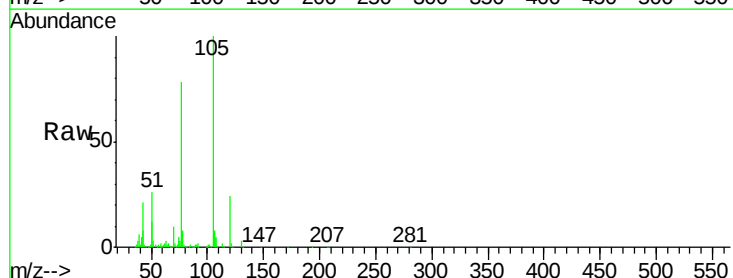
RT: 8.95 min Scan# 964

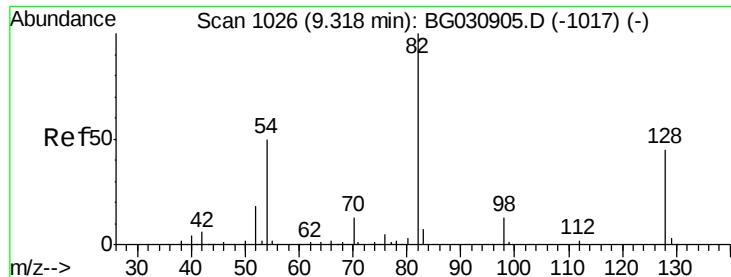
Delta R.T. -0.02 min

Lab File: BG031357.D

Acq: 4 Dec 2017 21:46

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	294206		
71	1.6	3.0	4.4	
51	26.0	26.1	39.1	
120	23.5	17.4	26.2	





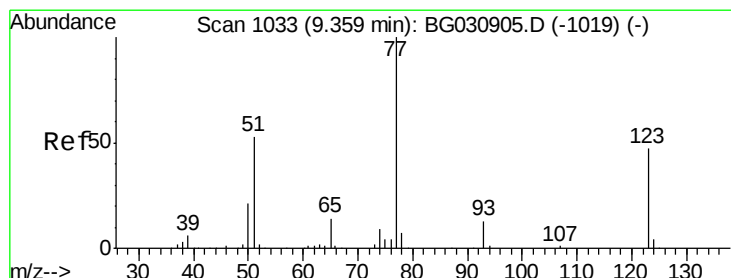
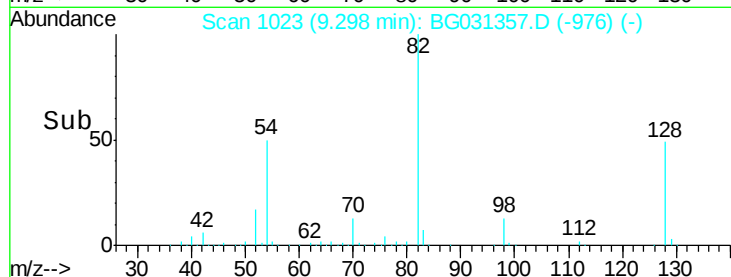
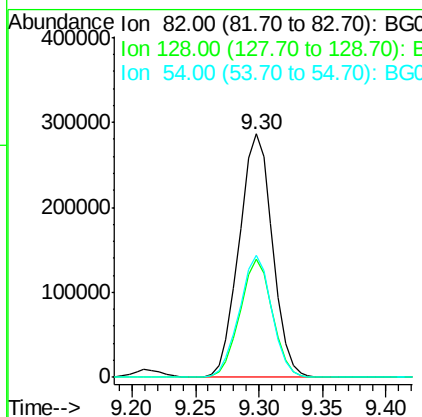
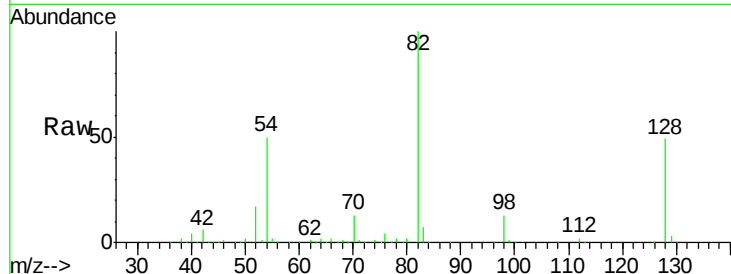
#23
 Nitrobenzene-d5
 Concen: 112.37 ng
 RT: 9.30 min Scan# 1023
 Delta R.T. -0.02 min
 Lab File: BG031357.D
 Acq: 4 Dec 2017 21:46

Instrument :
 BNA_G
 ClientSampleId :
 SA-06-120117MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	48.7	29.7	44.5#	
54	50.1	43.1	64.7	

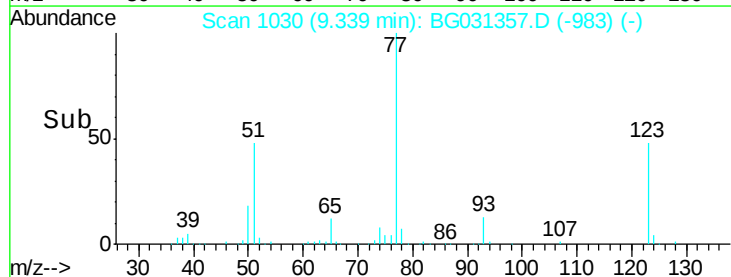
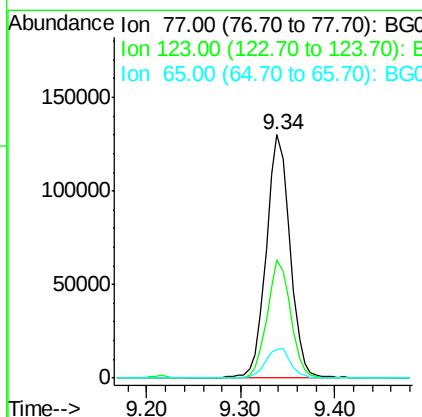
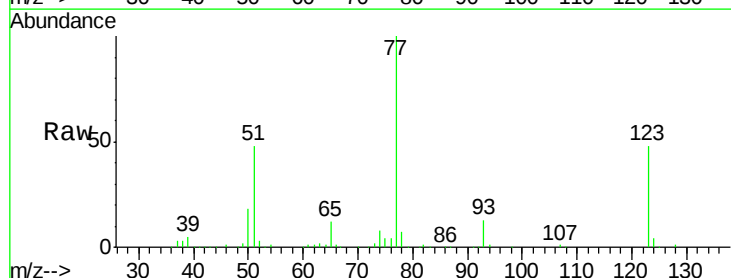
Manual Integrations
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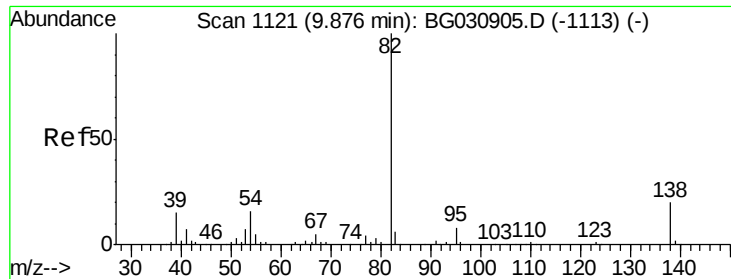
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#24
 Nitrobenzene
 Concen: 47.84 ng
 RT: 9.34 min Scan# 1030
 Delta R.T. -0.02 min
 Lab File: BG031357.D
 Acq: 4 Dec 2017 21:46

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	48.4	33.0	49.6	
65	11.8	13.0	19.6#	





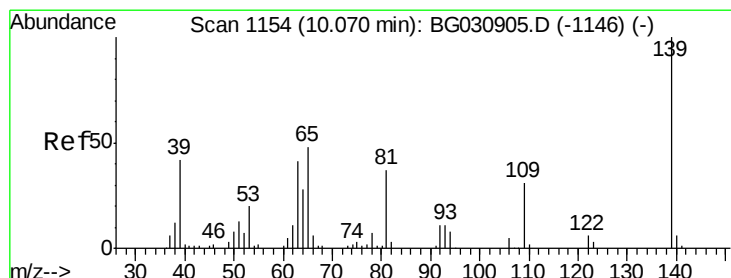
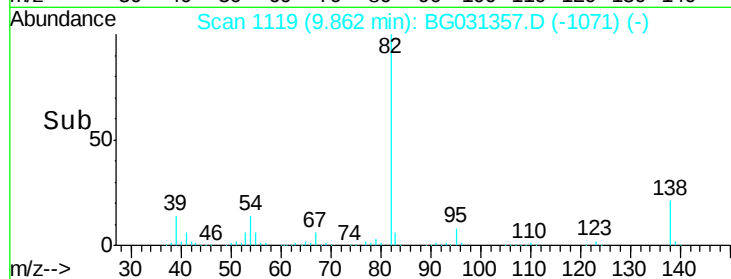
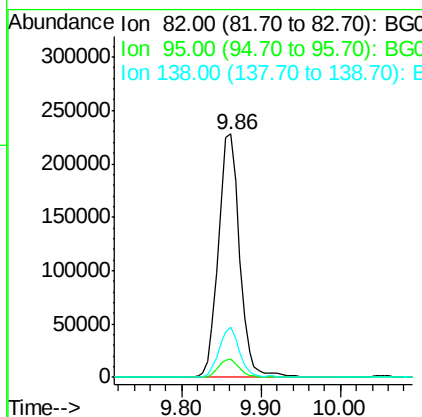
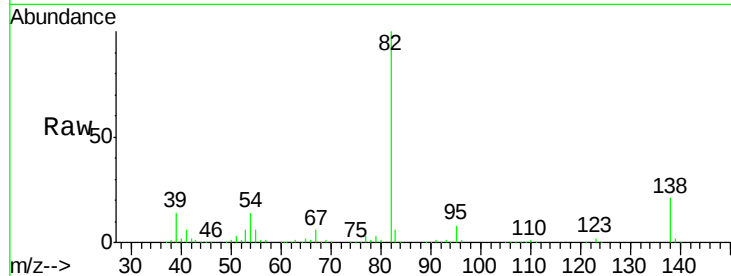
#25
Isophorone
Concen: 46.82 ng
RT: 9.86 min Scan# 1119
Delta R.T. -0.02 min
Lab File: BG031357.D
Acq: 4 Dec 2017 21:46

Instrument :
BNA_G
ClientSampleId :
SA-06-120117MSD

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.6	6.2	9.2
138	20.8	12.1	18.1

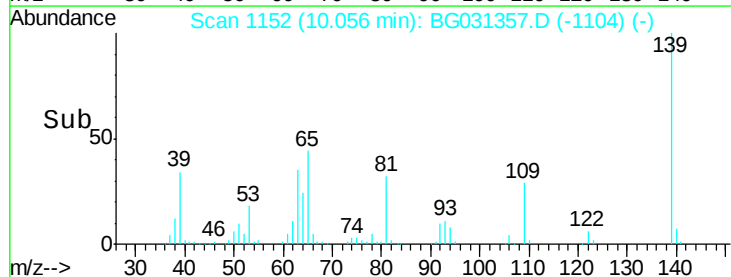
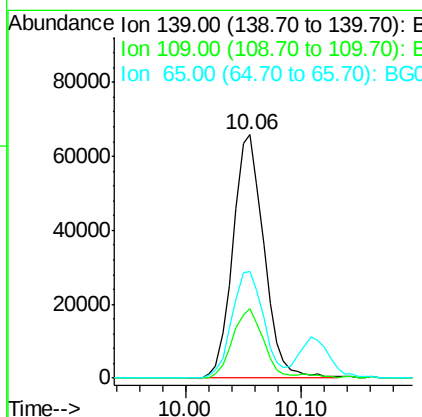
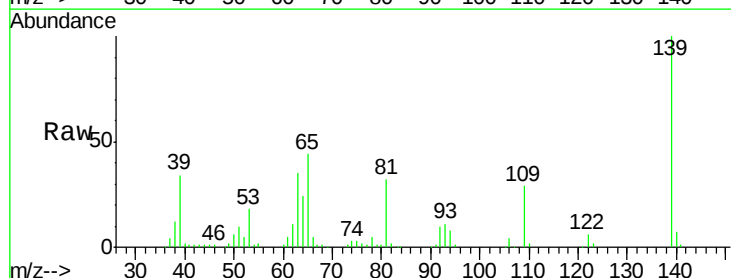
Manual Integrations
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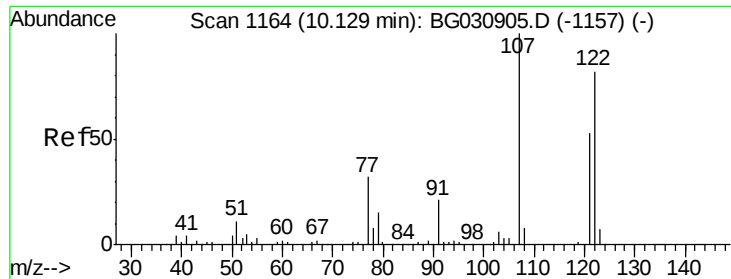
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#26
2-Nitrophenol
Concen: 49.52 ng
RT: 10.06 min Scan# 1152
Delta R.T. -0.02 min
Lab File: BG031357.D
Acq: 4 Dec 2017 21:46

Tgt Ion	Ratio	Lower	Upper
139	100		
109	28.5	24.2	36.2
65	44.0	47.4	71.0





#27

2,4-Dimethylphenol

Concen: 55.76 ng

RT: 10.11 min Scan# 1161

Delta R.T. -0.02 min

Lab File: BG031357.D

Acq: 4 Dec 2017 21:46

Instrument :

BNA_G

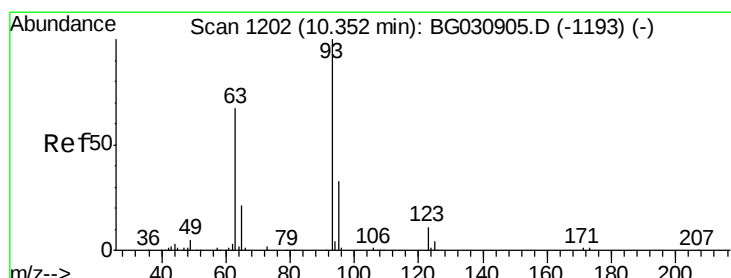
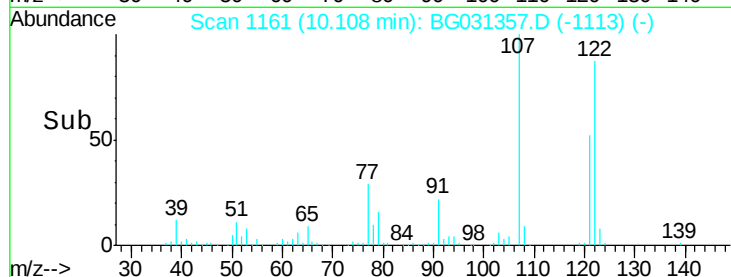
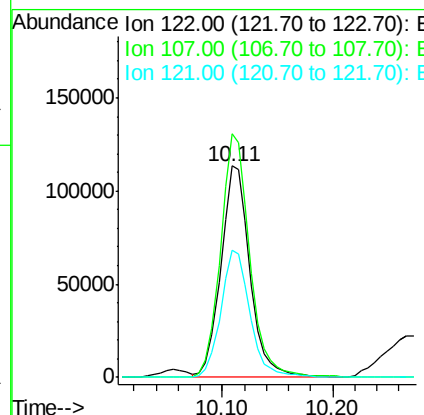
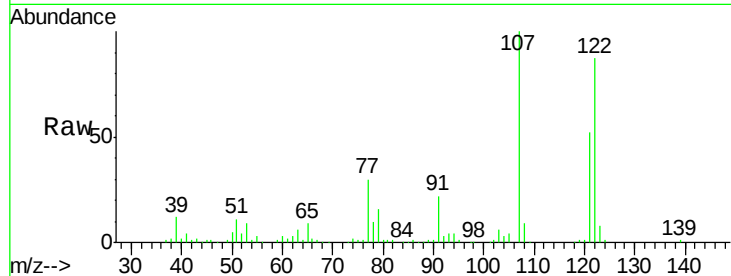
ClientSampleId :

SA-06-120117MSD

Tot Ion:	122	Resp:	205571
Ion Ratio	Lower	Upper	
122	100		
107	115.2	100.2	150.2
121	60.3	44.4	66.6

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#28

bis(2-Chloroethoxy)methane

Concen: 47.48 ng

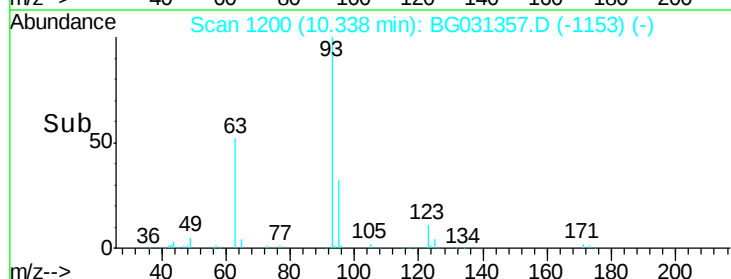
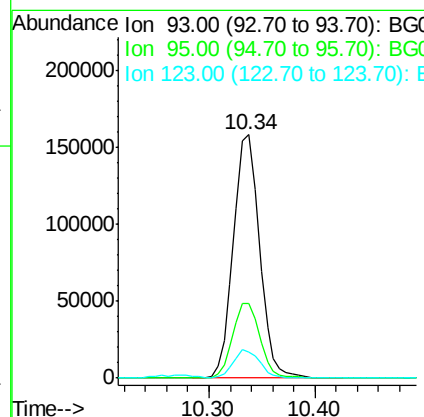
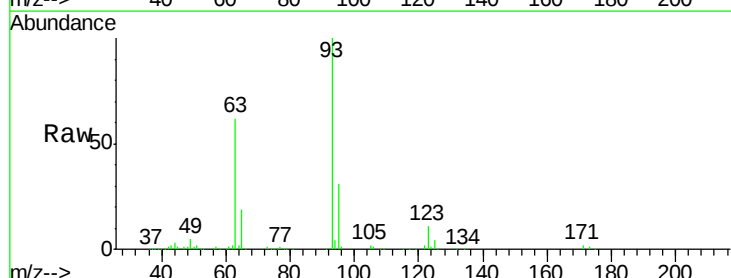
RT: 10.34 min Scan# 1200

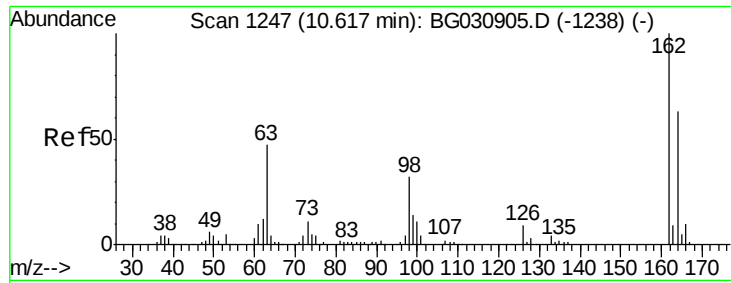
Delta R.T. -0.02 min

Lab File: BG031357.D

Acq: 4 Dec 2017 21:46

Tgt Ion:	93	Resp:	272051
Ion Ratio	Lower	Upper	
93	100		
95	30.8	24.3	36.5
123	10.9	8.4	12.6





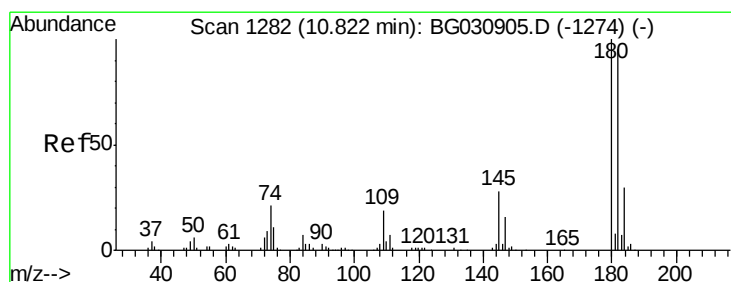
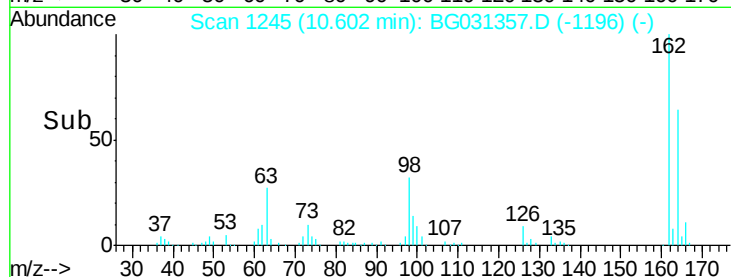
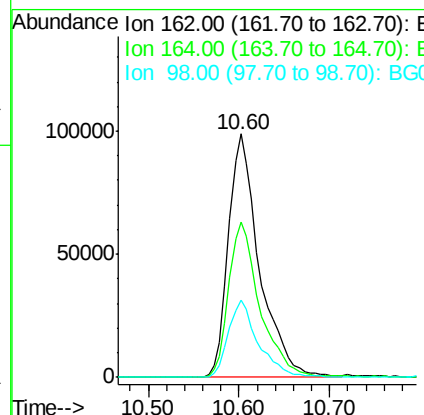
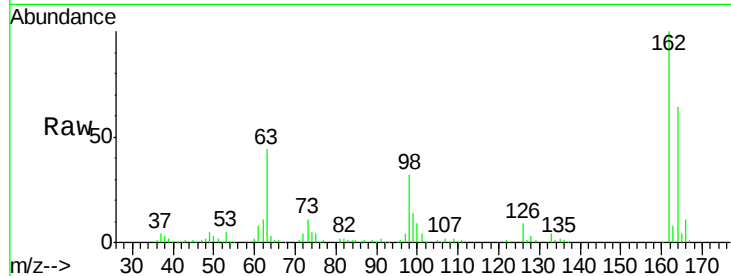
#29
 2,4-Dichlorophenol
 Concen: 53.24 ng
 RT: 10.60 min Scan# 1245
 Delta R.T. -0.01 min
 Lab File: BG031357.D
 Acq: 4 Dec 2017 21:46

Instrument :
 BNA_G
 ClientSampleId :
 SA-06-120117MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		235715		
164	63.7		48.0	88.0	
98	31.7		21.1	61.1	

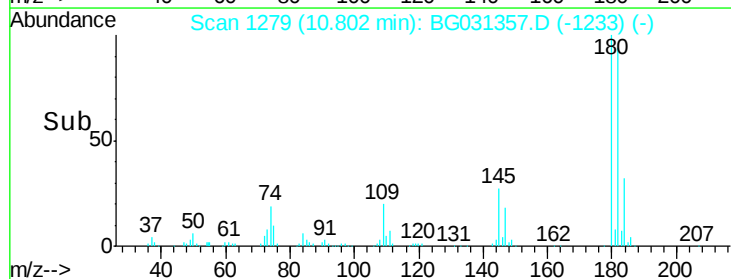
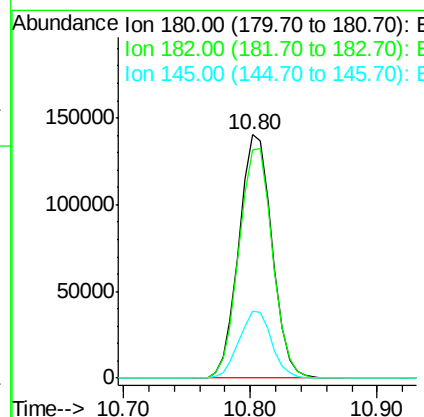
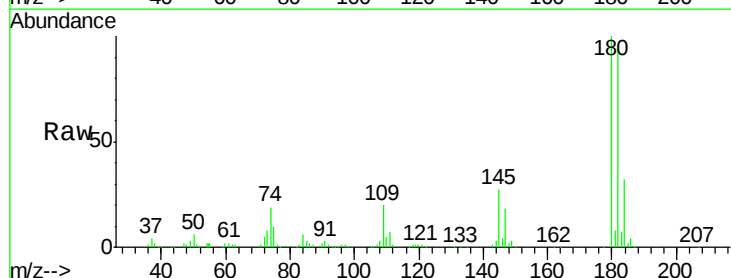
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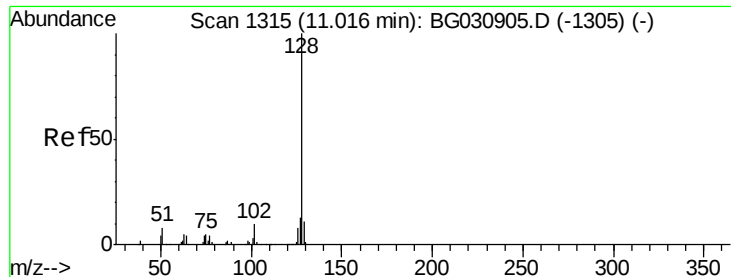
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#30
 1,2,4-Trichlorobenzene
 Concen: 48.03 ng
 RT: 10.80 min Scan# 1279
 Delta R.T. -0.03 min
 Lab File: BG031357.D
 Acq: 4 Dec 2017 21:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		253885		
182	93.5		77.5	116.3	
145	27.3		23.4	35.2	





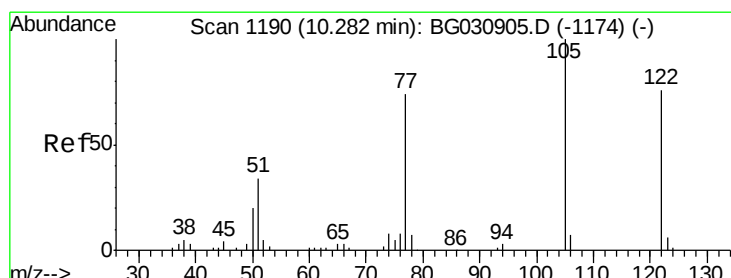
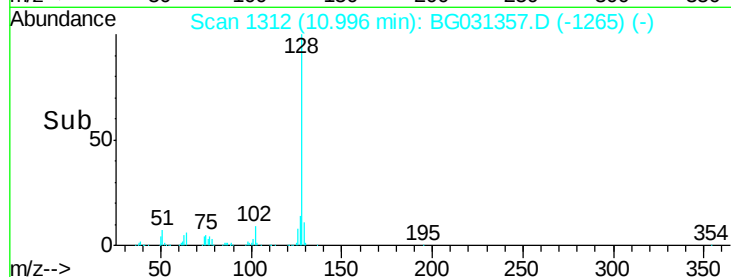
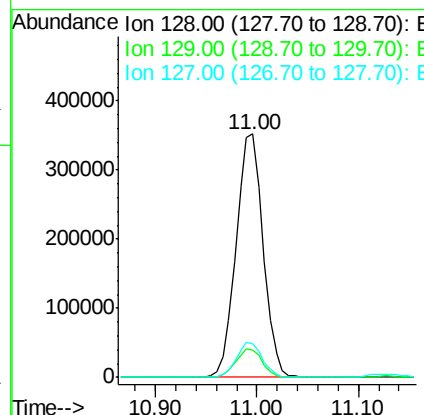
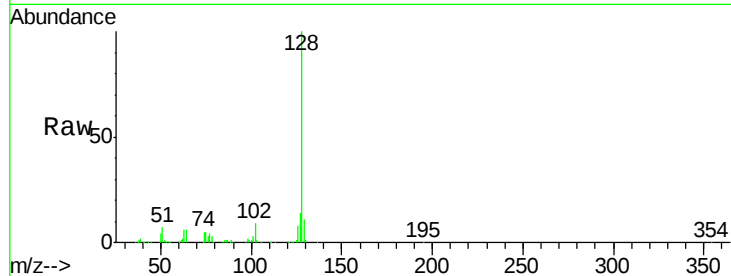
#31
Naphthalene
Concen: 47.80 ng
RT: 11.00 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BG031357.D
Acq: 4 Dec 2017 21:46

Instrument :
BNA_G
ClientSampleId :
SA-06-120117MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	12.8
127	13.9	11.6	17.4

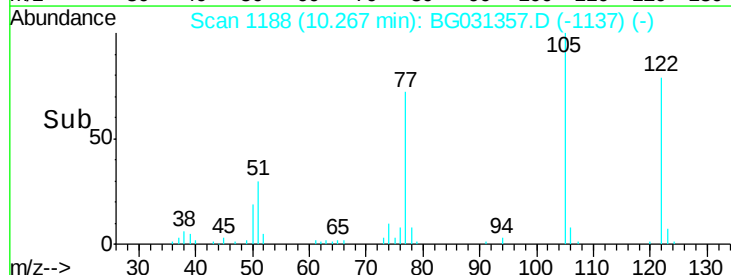
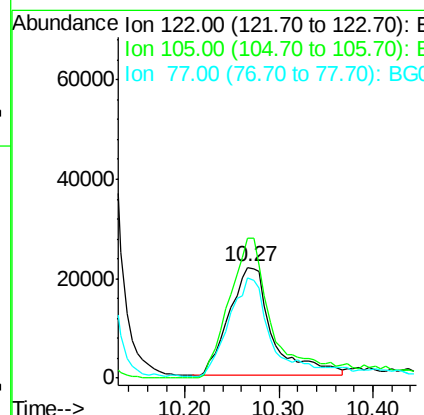
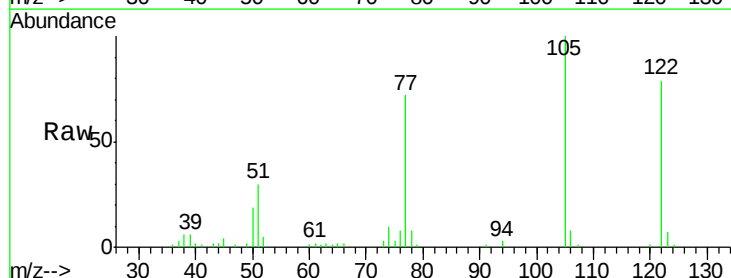
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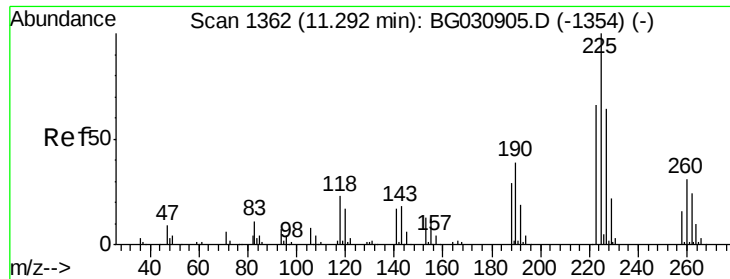
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#32
Benzoic acid
Concen: 25.92 ng
RT: 10.27 min Scan# 1188
Delta R.T. -0.00 min
Lab File: BG031357.D
Acq: 4 Dec 2017 21:46

Tgt Ion	Ratio	Lower	Upper
122	100		
105	126.1	123.5	163.5
77	91.0	85.7	125.7





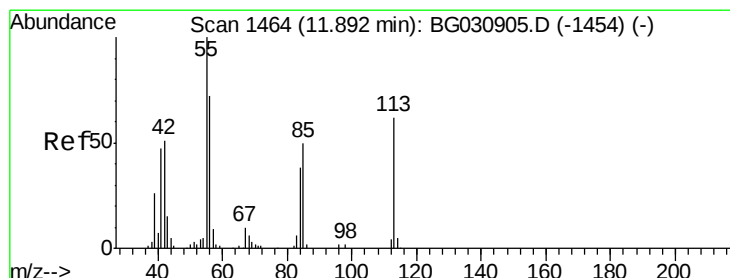
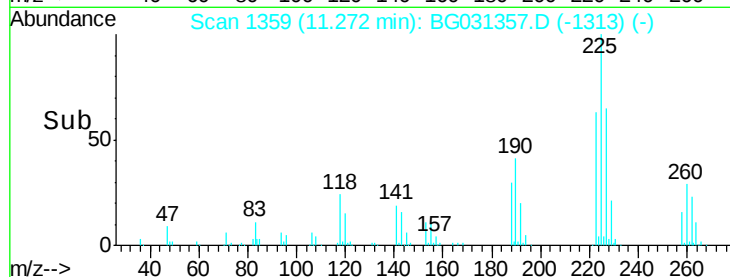
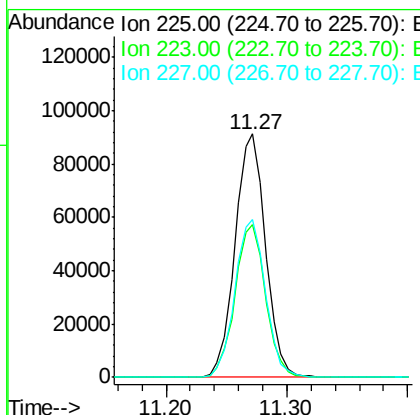
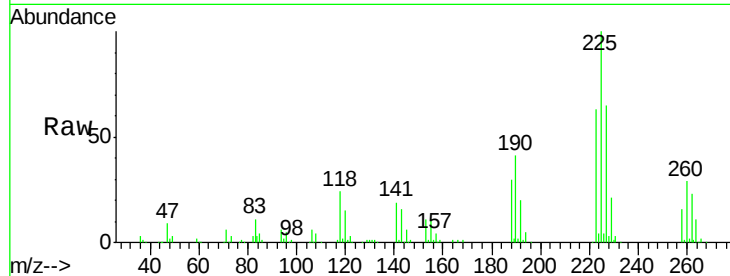
#34
Hexachlorobutadiene
Concen: 43.78 ng
RT: 11.27 min Scan# 1359
Delta R.T. -0.03 min
Lab File: BG031357.D
Acq: 4 Dec 2017 21:46

Instrument :
BNA_G
ClientSampleId :
SA-06-120117MSD

Tot Ion	Ratio	Lower	Upper
225	100		
223	62.8	49.7	74.5
227	65.0	48.1	72.1

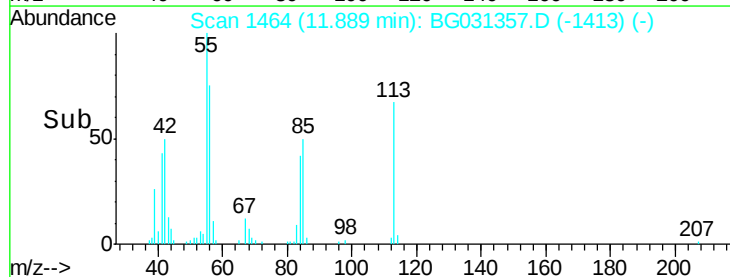
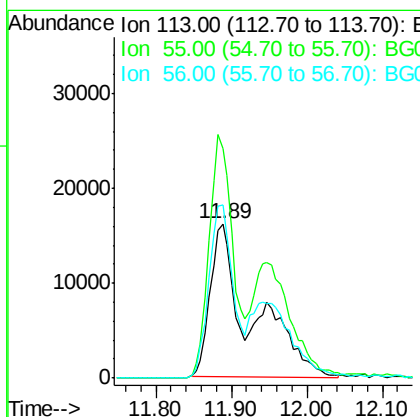
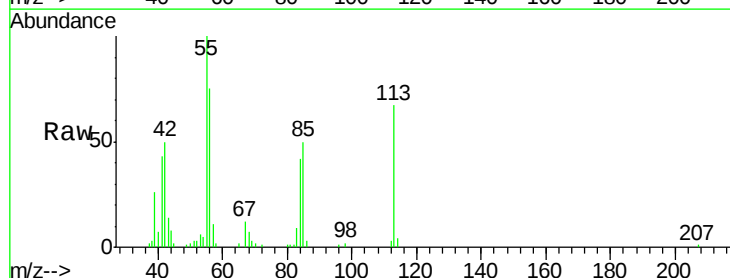
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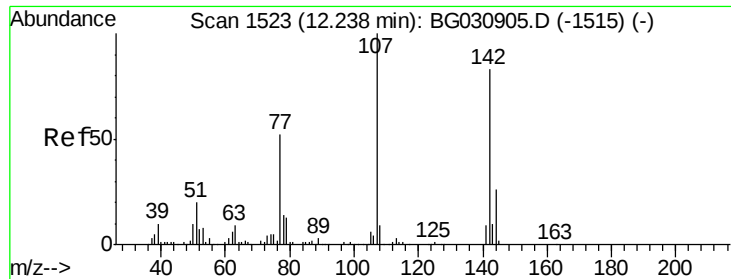
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#35
Caprolactam
Concen: 33.35 ng m
RT: 11.89 min Scan# 1464
Delta R.T. -0.00 min
Lab File: BG031357.D
Acq: 4 Dec 2017 21:46

Tgt Ion	Ratio	Lower	Upper
113	100		
55	149.0	186.9	226.9#
56	112.0	130.9	170.9#





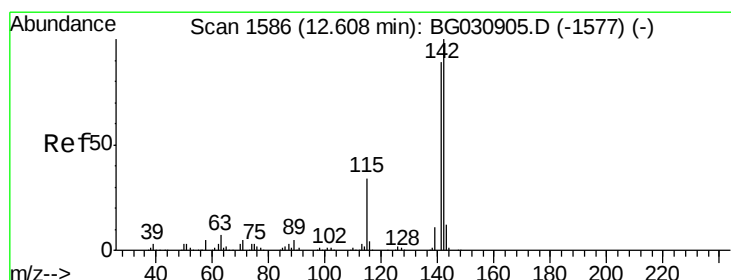
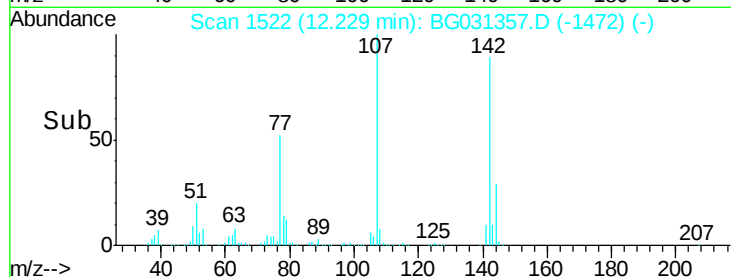
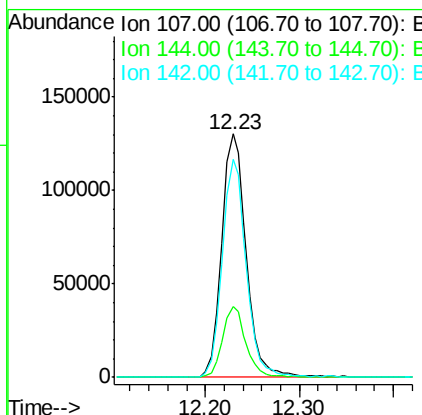
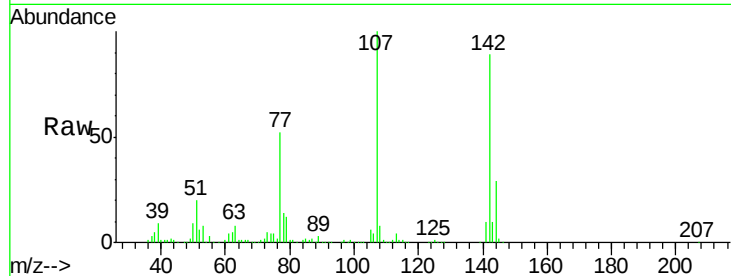
#36
4-Chloro-3-methylphenol
Concen: 49.04 ng
RT: 12.23 min Scan# 1522
Delta R.T. -0.01 min
Lab File: BG031357.D
Acq: 4 Dec 2017 21:46

Instrument :
BNA_G
ClientSampleId :
SA-06-120117MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	236330		
144	29.0	18.2	27.4#	
142	89.3	59.0	88.4#	

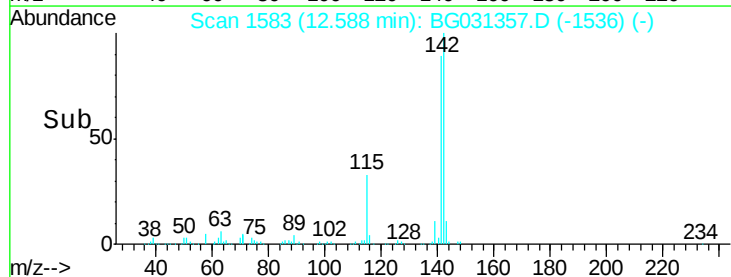
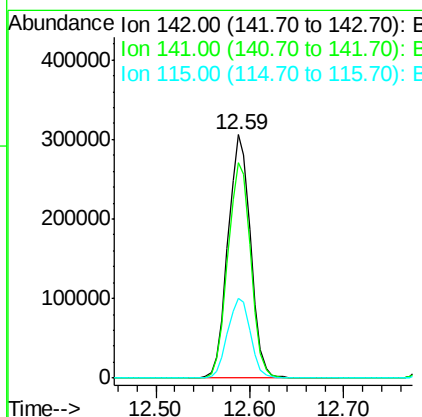
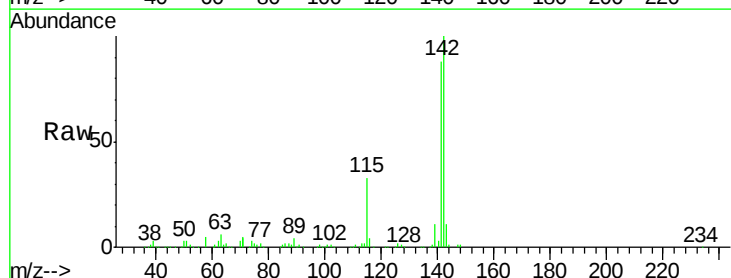
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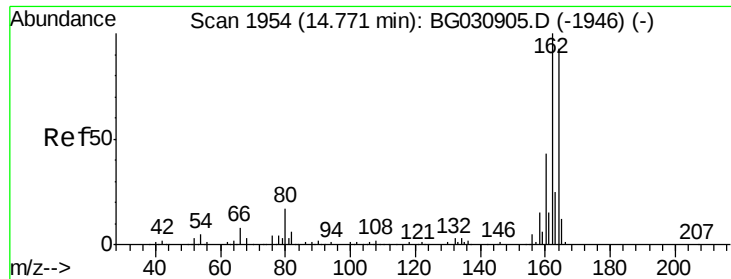
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#37
2-Methylnaphthalene
Concen: 48.64 ng
RT: 12.59 min Scan# 1583
Delta R.T. -0.02 min
Lab File: BG031357.D
Acq: 4 Dec 2017 21:46

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	510148		
141	88.4	67.1	100.7	
115	32.8	30.7	46.1	





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.75 min Scan# 1951

Delta R.T. -0.02 min

Lab File: BG031357.D

Acq: 4 Dec 2017 21:46

Instrument :

BNA_G

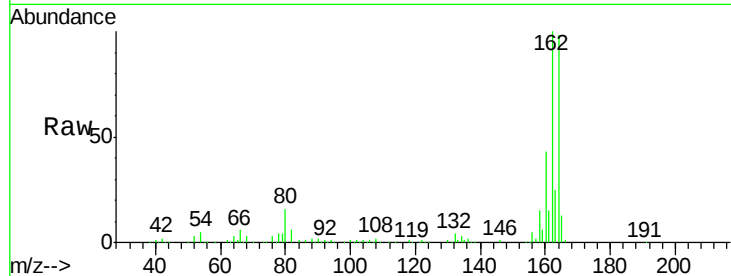
ClientSampleId :

SA-06-120117MSD

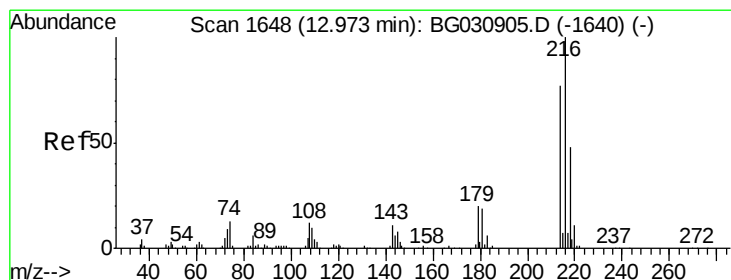
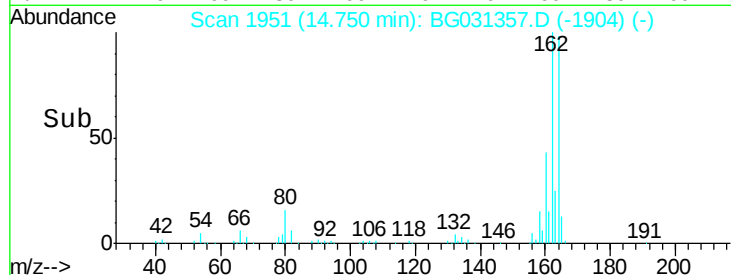
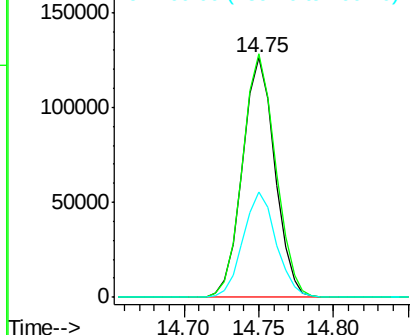
Tot Ion:	164	Resp:	189240
Ion Ratio	Lower	Upper	
164	100		
162	101.7	78.8	118.2
160	43.9	35.4	53.0

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Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.94 ng

RT: 12.96 min Scan# 1646

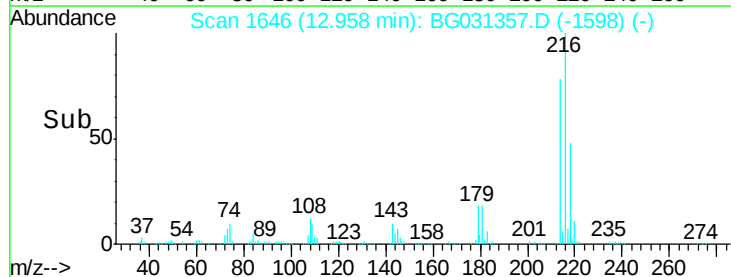
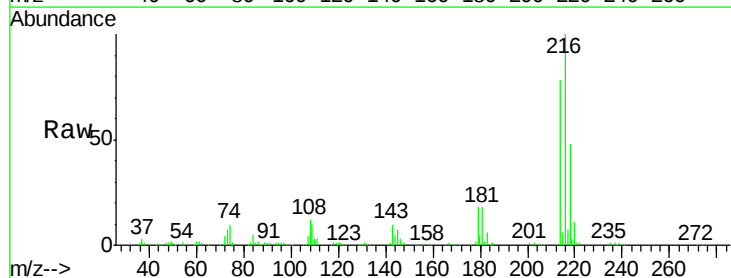
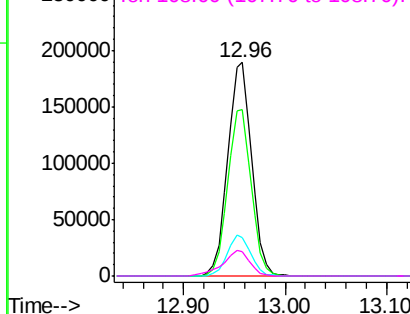
Delta R.T. -0.02 min

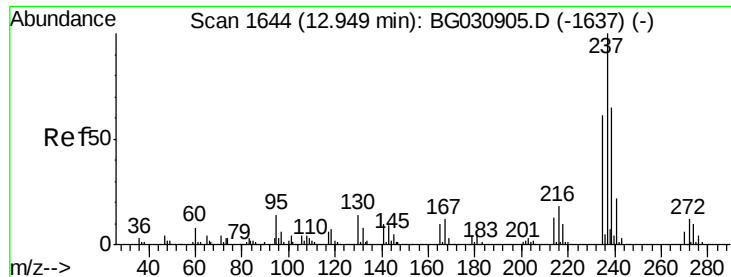
Lab File: BG031357.D

Acq: 4 Dec 2017 21:46

Tgt Ion:	216	Resp:	307488
Ion Ratio	Lower	Upper	
216	100		
214	77.0	63.0	94.4
179	18.7	17.0	25.6
108	13.8	12.8	19.2

Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





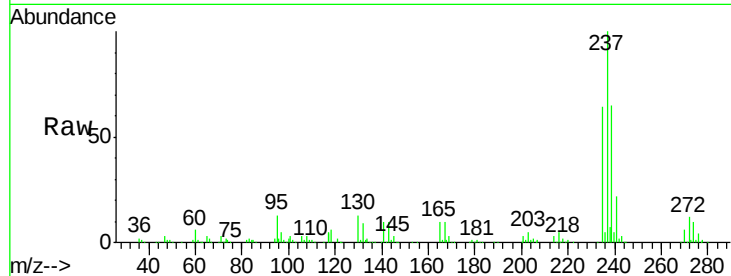
#40
Hexachlorocyclopentadiene
Concen: 98.99 ng
RT: 12.93 min Scan# 1641
Delta R.T. -0.02 min
Lab File: BG031357.D
Acq: 4 Dec 2017 21:46

Instrument :
BNA_G
ClientSampleId :
SA-06-120117MSD

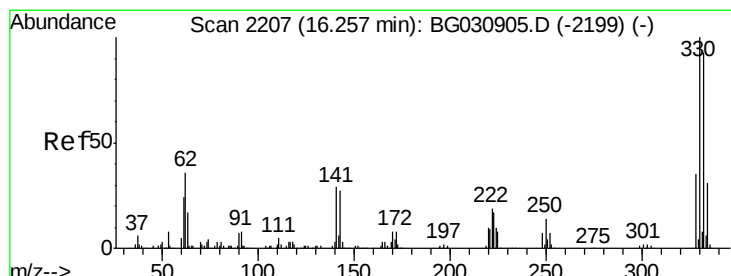
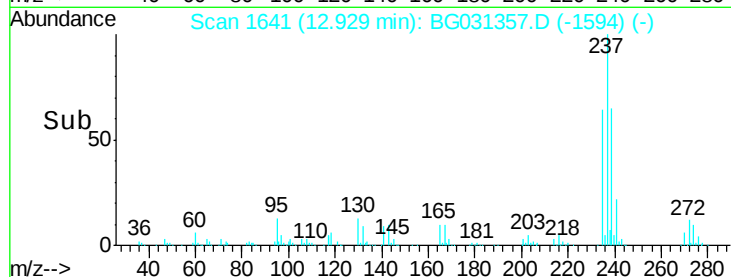
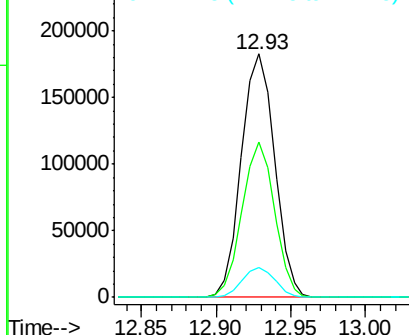
Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	63.8	50.4	90.4
272	12.2	0.0	31.8

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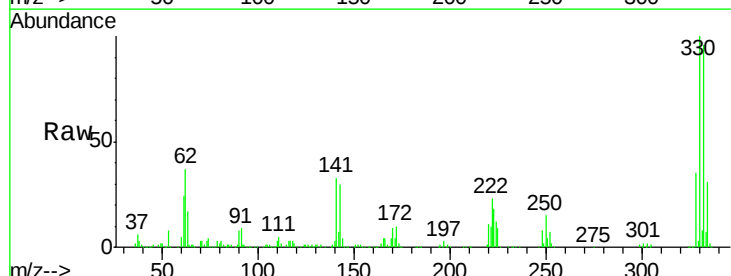


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

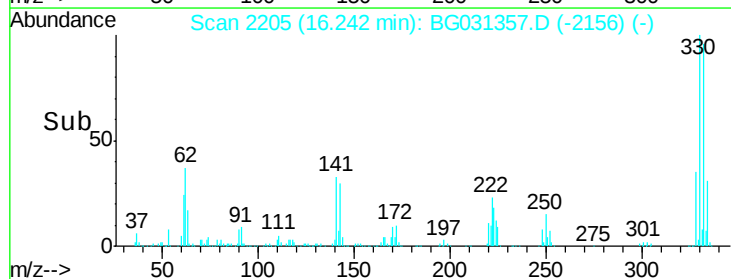
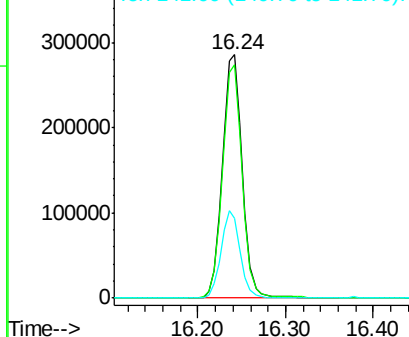


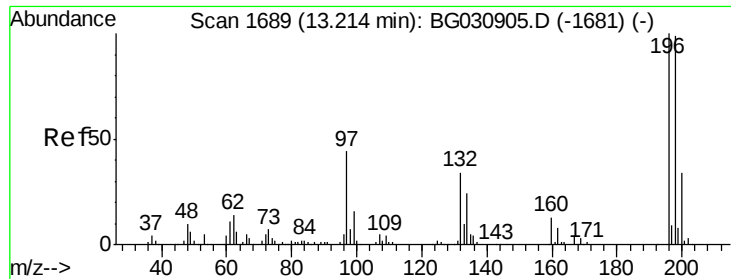
#41
2,4,6-Tribromophenol
Concen: 146.49 ng
RT: 16.24 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BG031357.D
Acq: 4 Dec 2017 21:46

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	95.2	77.0	115.6
141	34.7	25.2	37.8



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





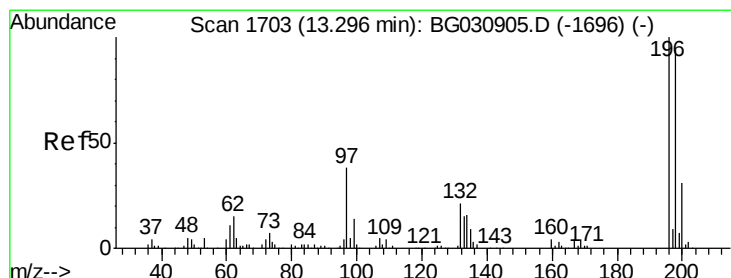
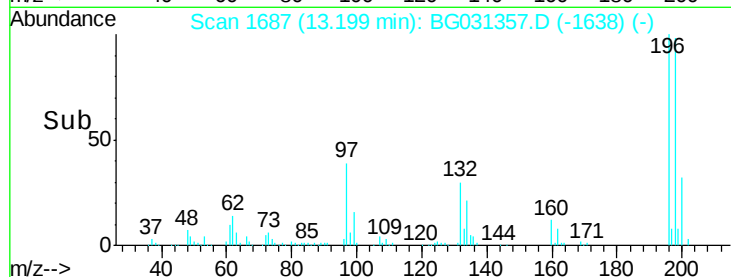
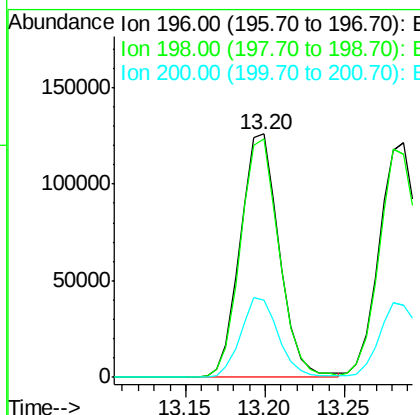
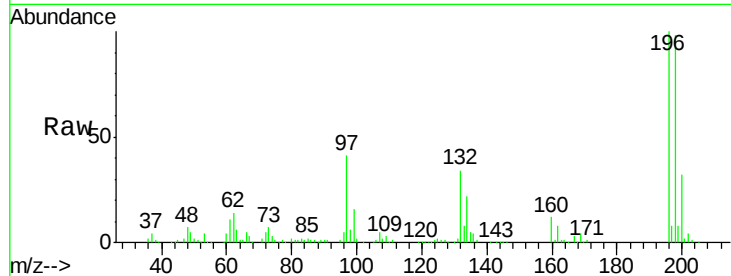
#42
2,4,6-Trichlorophenol
Concen: 50.03 ng
RT: 13.20 min Scan# 1687
Delta R.T. -0.01 min
Lab File: BG031357.D
Acq: 4 Dec 2017 21:46

Instrument :
BNA_G
ClientSampleId :
SA-06-120117MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	214802		
198	97.7	78.2	117.2	
200	31.8	24.6	36.8	

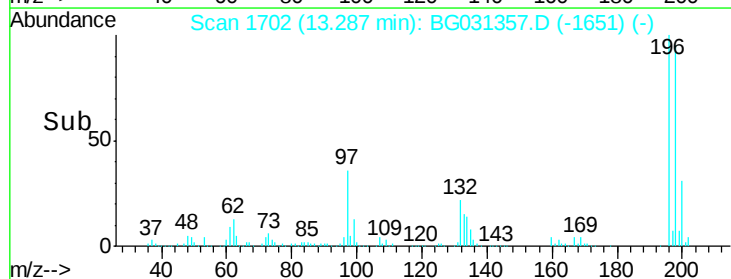
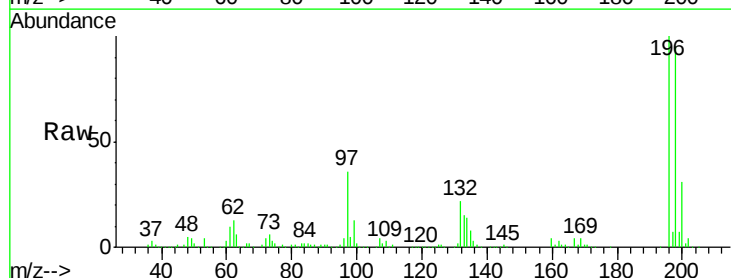
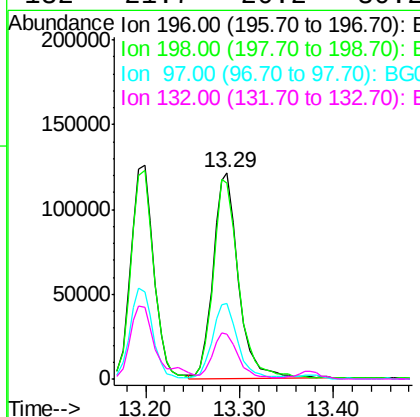
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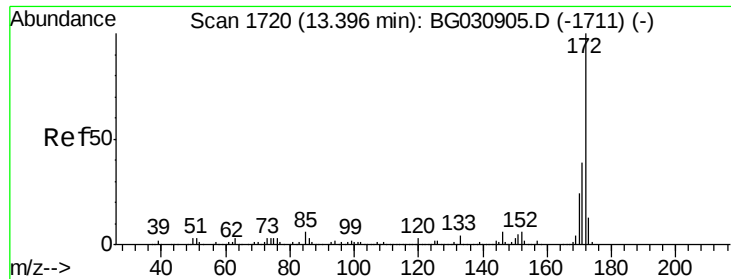
Sohil
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#43
2,4,5-Trichlorophenol
Concen: 48.52 ng
RT: 13.29 min Scan# 1702
Delta R.T. -0.00 min
Lab File: BG031357.D
Acq: 4 Dec 2017 21:46

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	227946		
198	95.0	76.2	114.4	
97	36.4	38.7	58.1	
132	21.7	20.2	30.2	





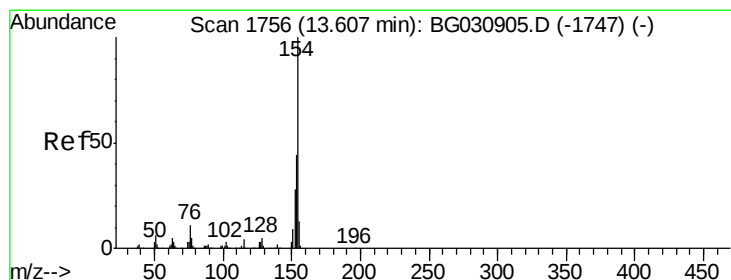
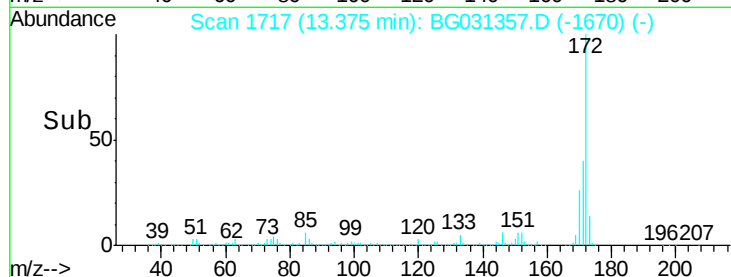
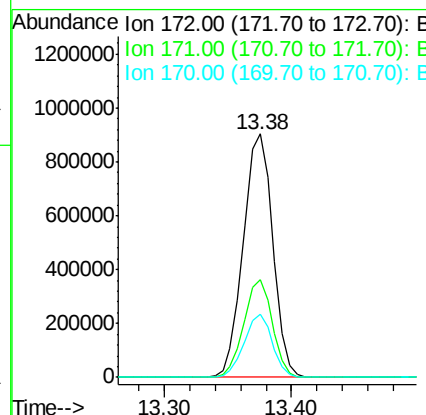
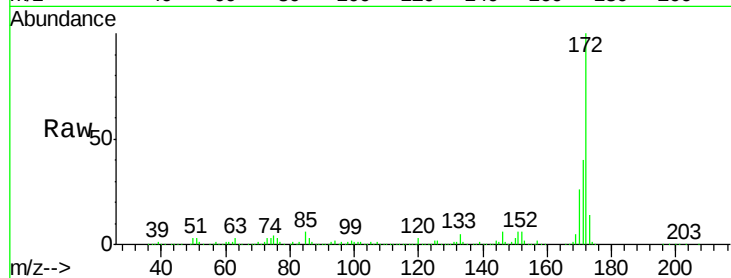
#44
2-Fluorobiphenyl
Concen: 110.85 ng
RT: 13.38 min Scan# 1717
Delta R.T. -0.02 min
Lab File: BG031357.D
Acq: 4 Dec 2017 21:46

Instrument :
BNA_G
ClientSampleId :
SA-06-120117MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	40.1	30.0	45.0
170	25.7	19.5	29.3

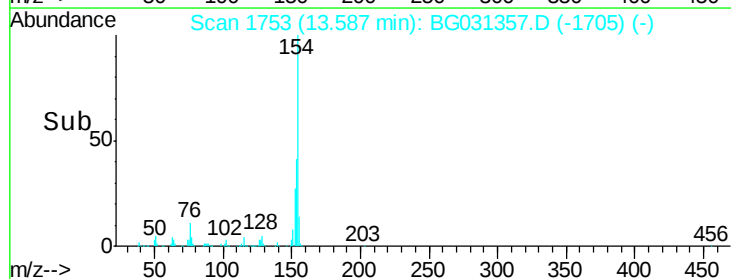
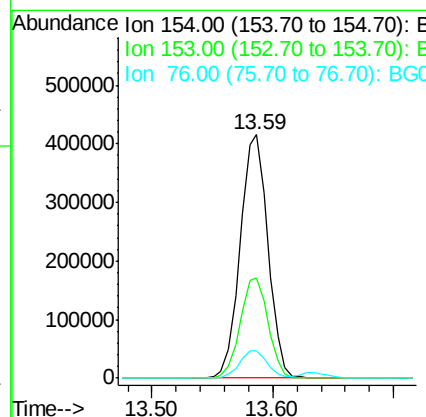
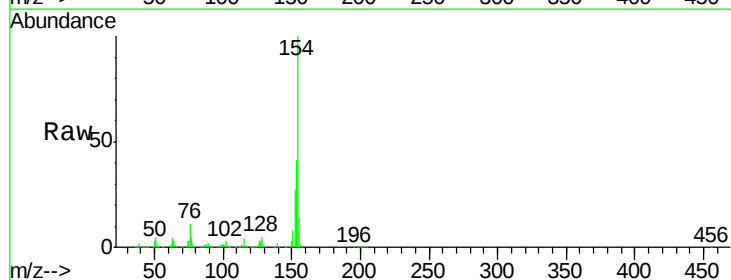
Manual Integrations
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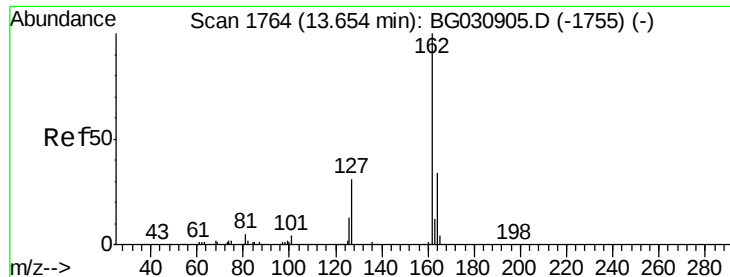
Sohil
12/5/2017 3:26:48 PM



#45
1,1'-Biphenyl
Concen: 42.26 ng
RT: 13.59 min Scan# 1753
Delta R.T. -0.02 min
Lab File: BG031357.D
Acq: 4 Dec 2017 21:46

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.4	19.8	59.8
76	11.2	0.0	31.9





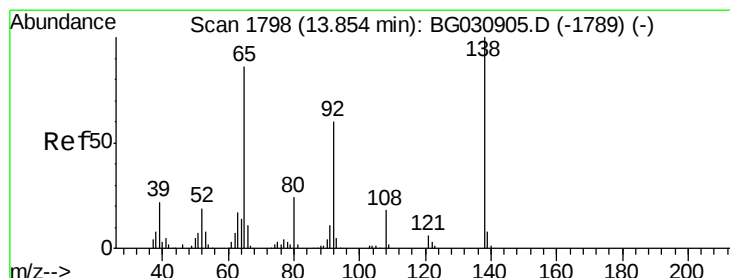
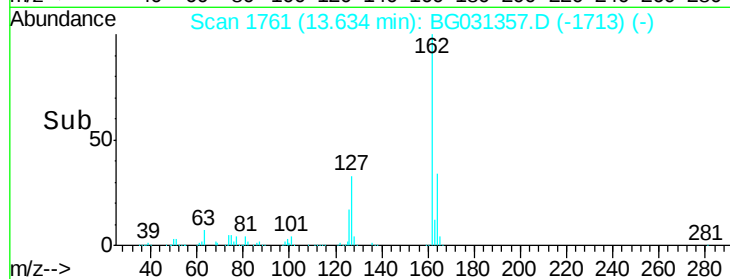
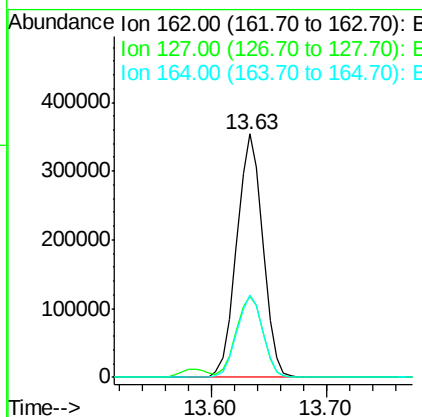
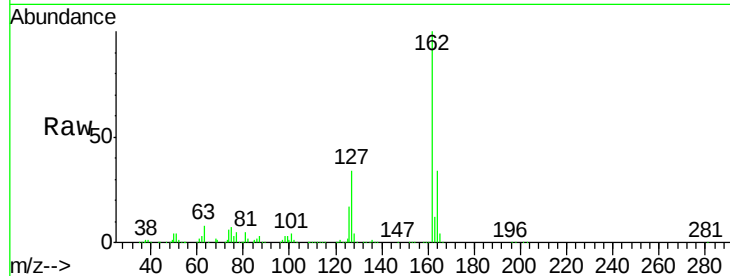
#46
2-Chloronaphthalene
Concen: 48.85 ng
RT: 13.63 min Scan# 1761
Delta R.T. -0.02 min
Lab File: BG031357.D
Acq: 4 Dec 2017 21:46

Instrument :
BNA_G
ClientSampleId :
SA-06-120117MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	33.5	30.7	46.1
164	33.6	26.0	39.0

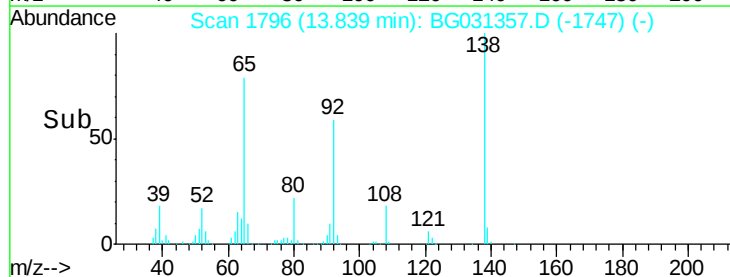
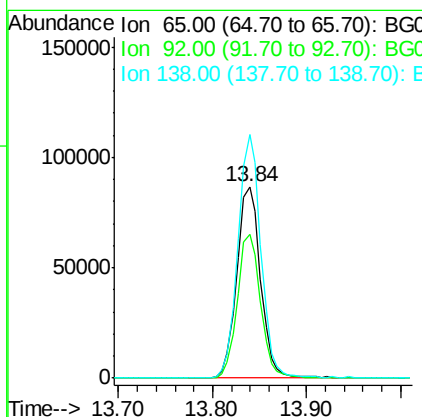
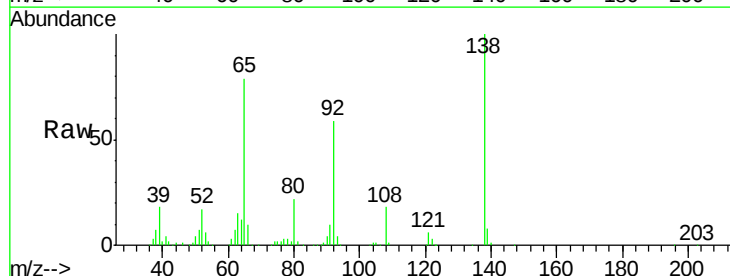
Manual Integrations
APPROVED

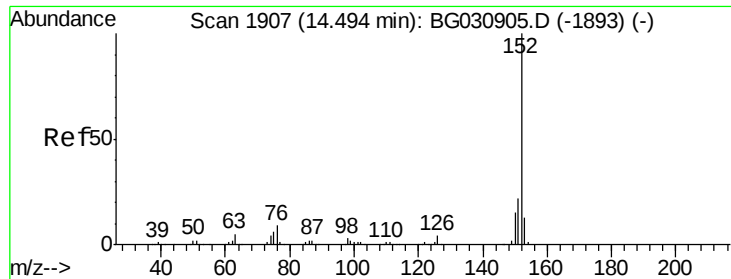
Sohil
12/5/2017 3:26:48 PM



#47
2-Nitroaniline
Concen: 45.31 ng
RT: 13.84 min Scan# 1796
Delta R.T. -0.01 min
Lab File: BG031357.D
Acq: 4 Dec 2017 21:46

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.4	54.6	82.0
138	127.3	72.9	109.3





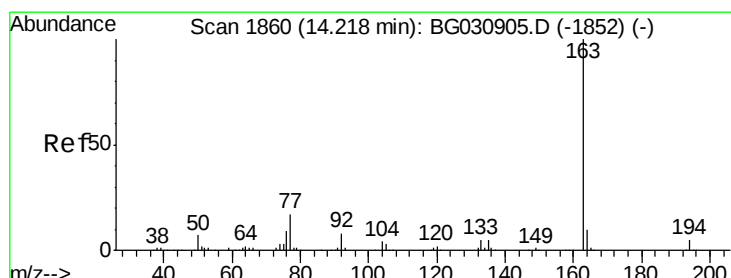
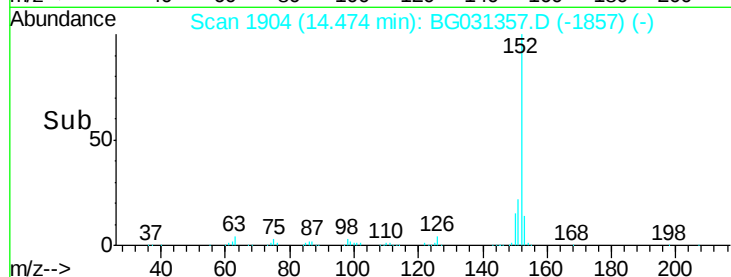
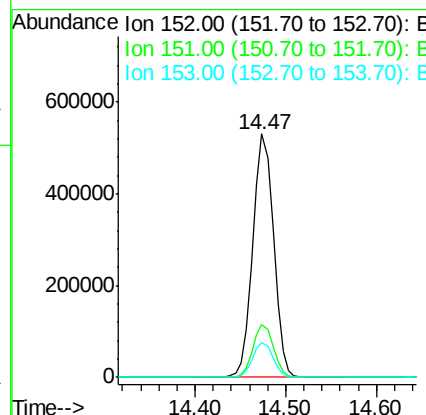
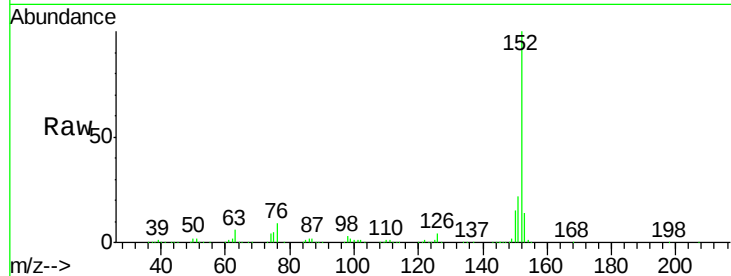
#48
Acenaphthylene
Concen: 45.53 ng
RT: 14.47 min Scan# 1904
Delta R.T. -0.02 min
Lab File: BG031357.D
Acq: 4 Dec 2017 21:46

Instrument :
BNA_G
ClientSampleId :
SA-06-120117MSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.7	17.2	25.8
153	14.4	10.2	15.4

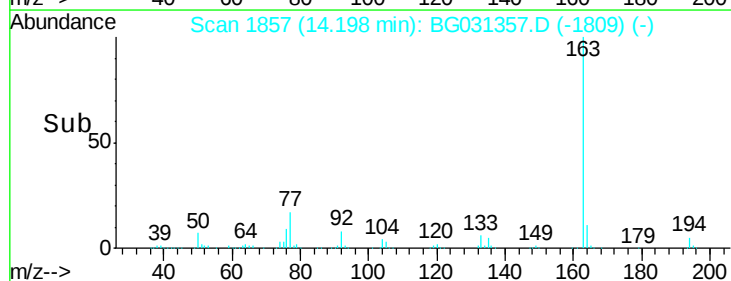
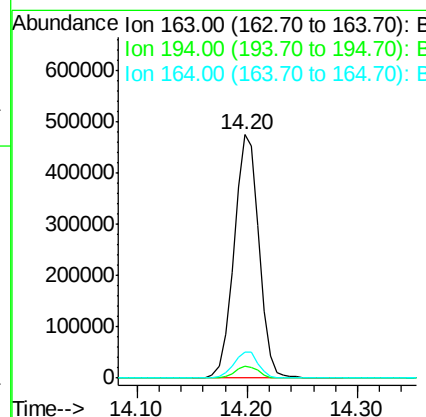
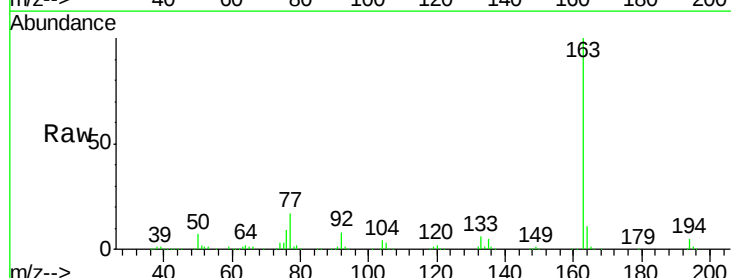
Manual Integrations
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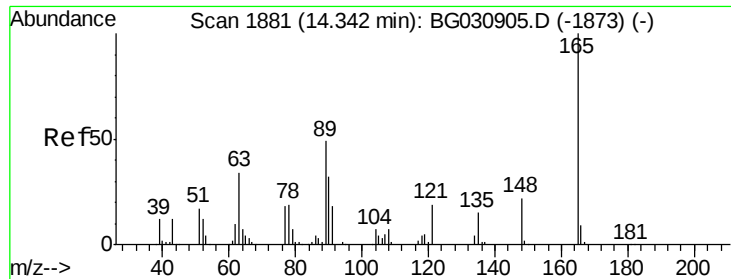
Sohil
12/5/2017 3:26:48 PM



#49
Dimethylphthalate
Concen: 45.76 ng
RT: 14.20 min Scan# 1857
Delta R.T. -0.02 min
Lab File: BG031357.D
Acq: 4 Dec 2017 21:46

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.4	5.2
164	10.8	8.2	12.4





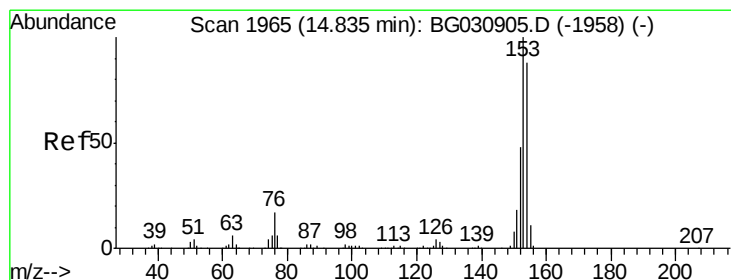
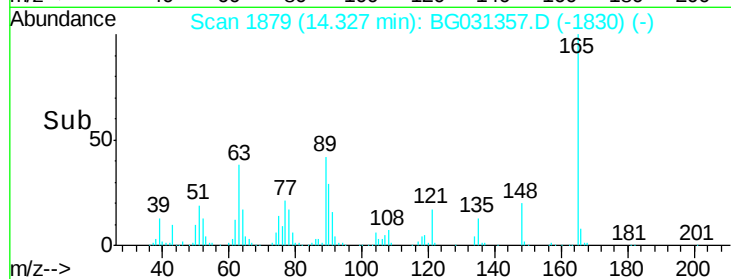
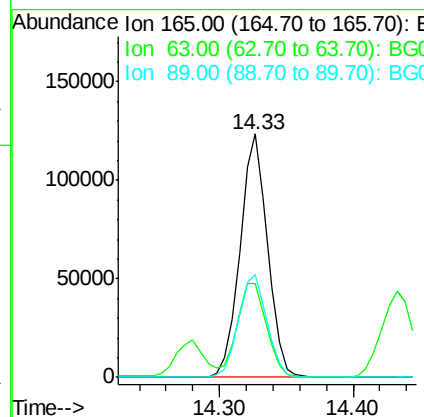
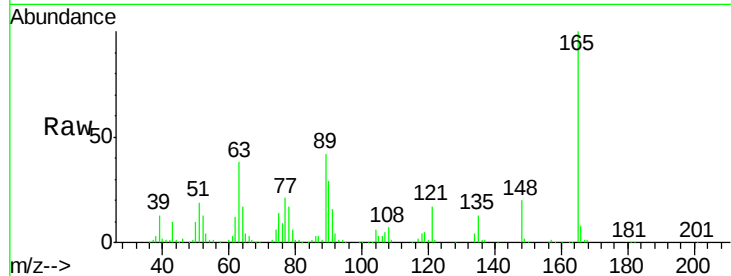
#50
 2,6-Dinitrotoluene
 Concen: 51.99 ng
 RT: 14.33 min Scan# 1879
 Delta R.T. -0.01 min
 Lab File: BG031357.D
 Acq: 4 Dec 2017 21:46

Instrument :
 BNA_G
 ClientSampleId :
 SA-06-120117MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	175349		
63	38.3	52.7	79.1#	
89	42.3	49.2	73.8#	

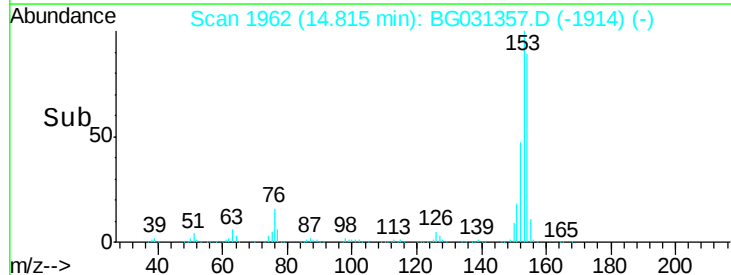
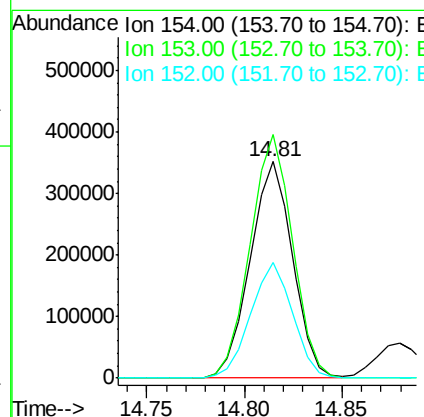
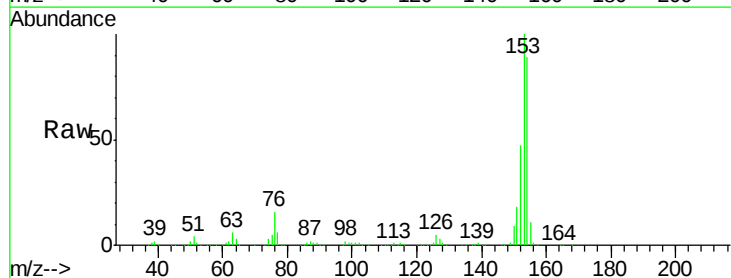
Manual Integrations
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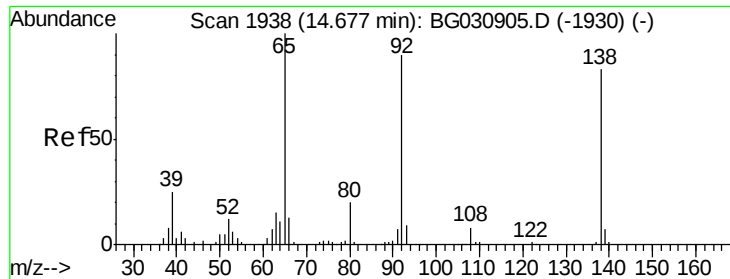
Sohil
 12/5/2017 3:26:48 PM



#51
 Acenaphthene
 Concen: 45.75 ng
 RT: 14.81 min Scan# 1962
 Delta R.T. -0.02 min
 Lab File: BG031357.D
 Acq: 4 Dec 2017 21:46

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	529511		
153	112.5	90.4	135.6	
152	53.2	41.6	62.4	





#52

3-Nitroaniline

Concen: 6.41 ng

RT: 14.66 min Scan# 1936

Delta R.T. -0.01 min

Lab File: BG031357.D

Acq: 4 Dec 2017 21:46

Instrument :

BNA_G

ClientSampleId :

SA-06-120117MSD

Tot Ion:138 Resp: 22939

Ion Ratio Lower Upper

138 100

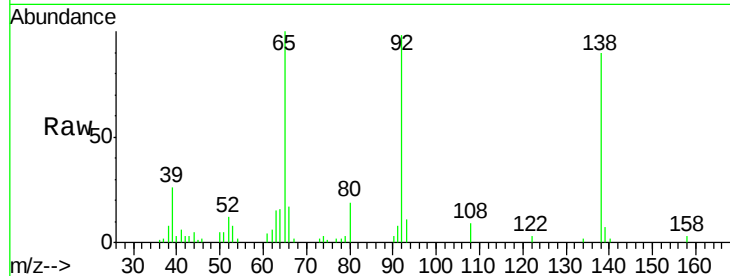
108 9.7 17.5 26.3#

92 109.3 105.8 158.8

Manual Integrations
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Sohil

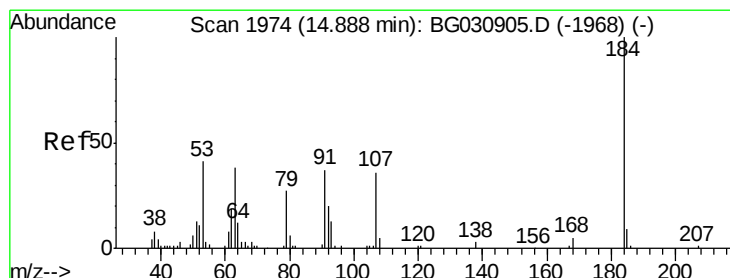
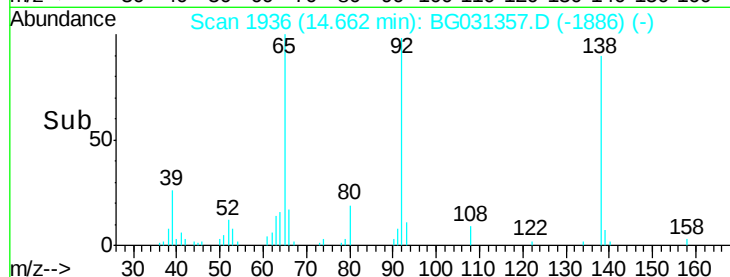
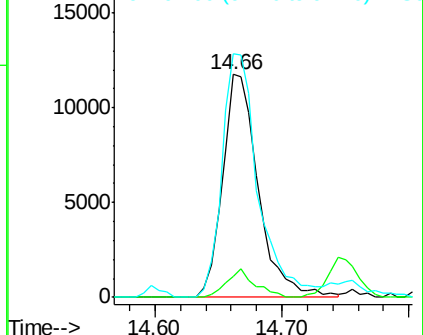
12/5/2017 3:26:48 PM



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#53

2,4-Dinitrophenol

Concen: 103.30 ng

RT: 14.88 min Scan# 1973

Delta R.T. -0.00 min

Lab File: BG031357.D

Acq: 4 Dec 2017 21:46

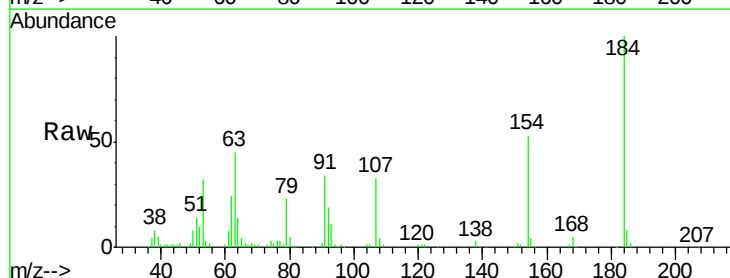
Tgt Ion:184 Resp: 195079

Ion Ratio Lower Upper

184 100

63 45.5 59.8 89.8#

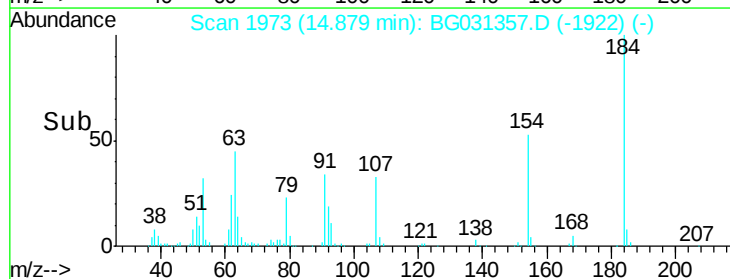
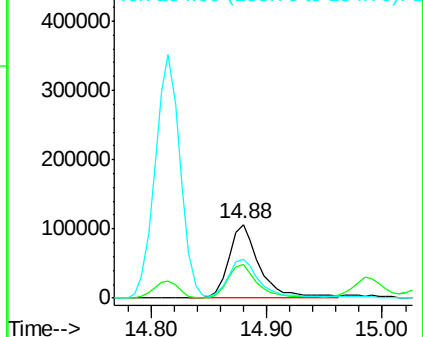
154 53.1 101.8 152.8#

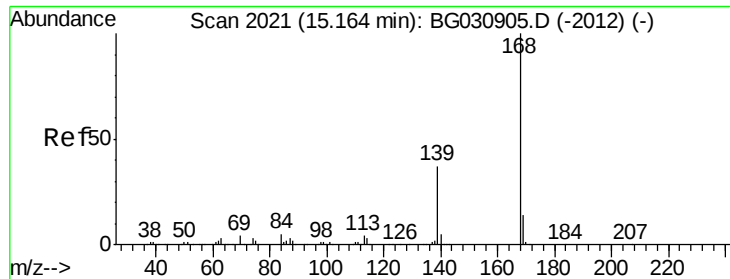


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





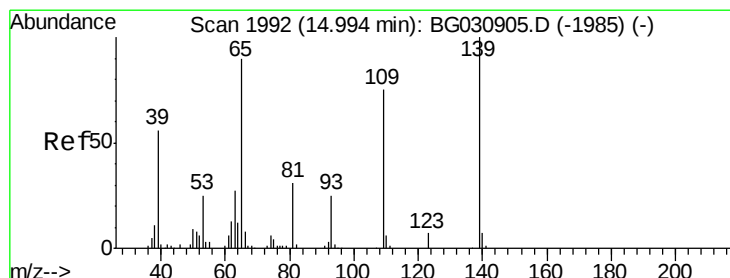
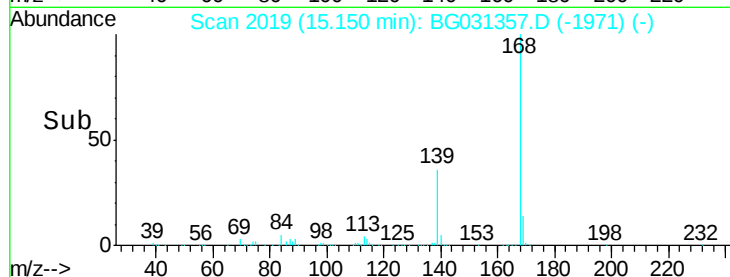
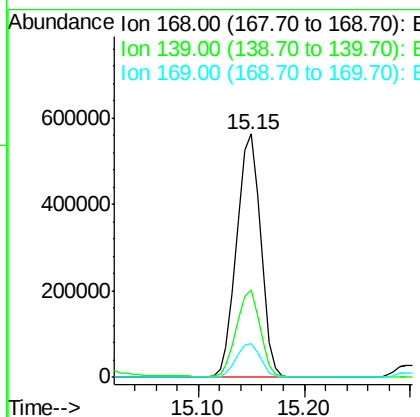
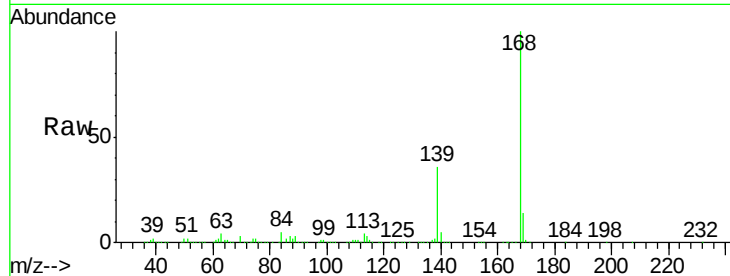
#54
Dibenzofuran
Concen: 47.81 ng
RT: 15.15 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BG031357.D
Acq: 4 Dec 2017 21:46

Instrument :
BNA_G
ClientSampleId :
SA-06-120117MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	35.9	28.6	43.0
169	13.8	11.2	16.8

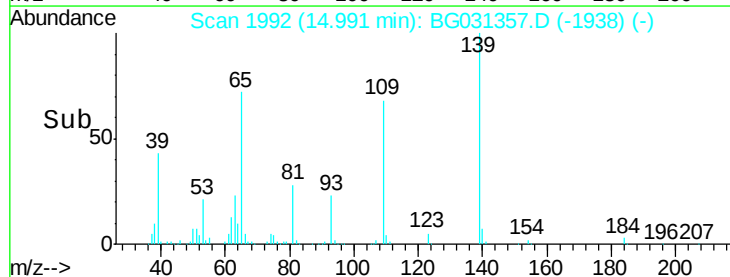
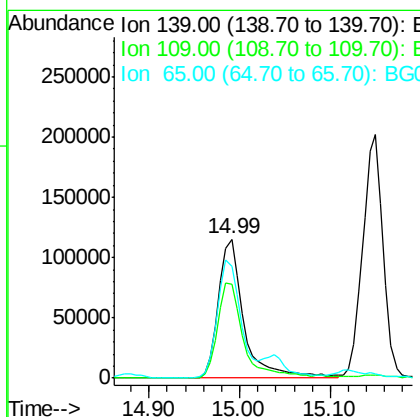
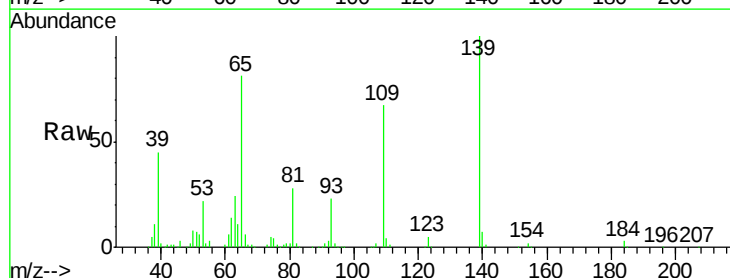
Manual Integrations
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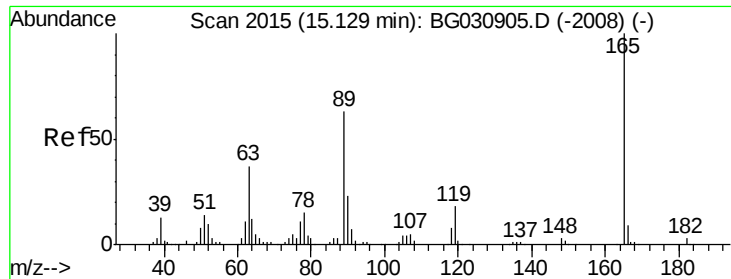
Sohil
12/5/2017 3:26:48 PM



#55
4-Nitrophenol
Concen: 88.55 ng
RT: 14.99 min Scan# 1992
Delta R.T. 0.02 min
Lab File: BG031357.D
Acq: 4 Dec 2017 21:46

Tgt Ion	Ratio	Lower	Upper
139	100		
109	67.0	62.2	102.2
65	80.7	97.2	137.2#





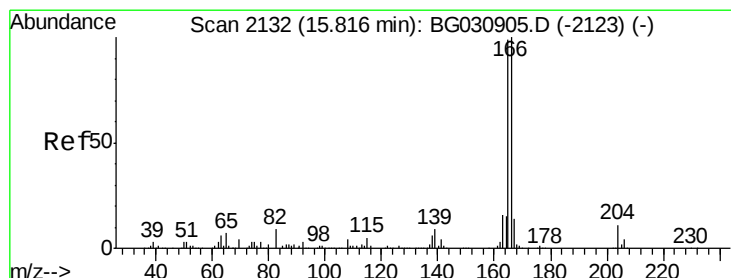
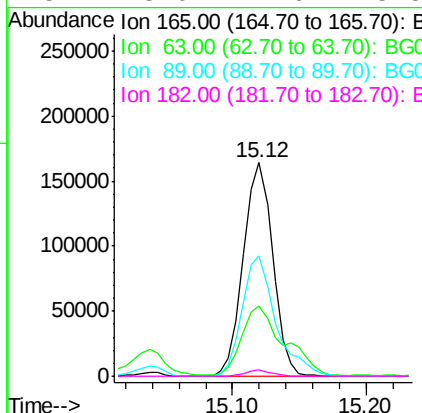
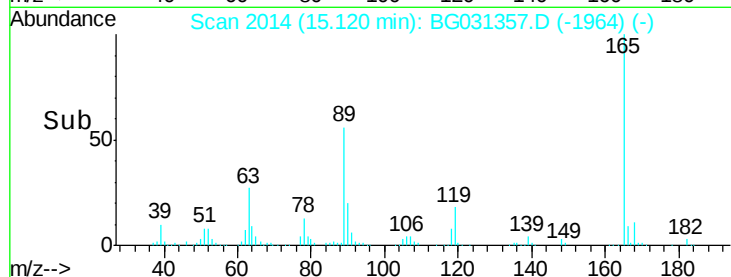
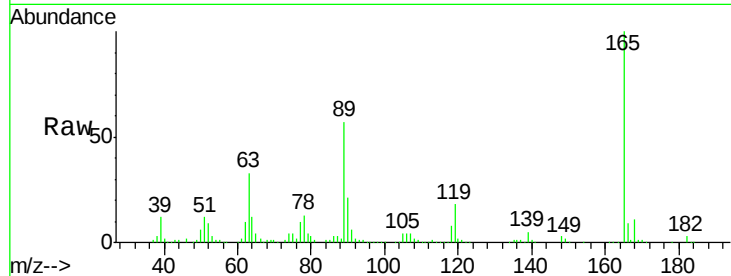
#56
 2,4-Dinitrotoluene
 Concen: 51.38 ng
 RT: 15.12 min Scan# 2014
 Delta R.T. -0.01 min
 Lab File: BG031357.D
 Acq: 4 Dec 2017 21:46

Instrument :
 BNA_G
 ClientSampleId :
 SA-06-120117MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	250504		
63	33.1	42.0	63.0#	
89	56.5	66.9	100.3#	
182	3.0	2.6	3.8	

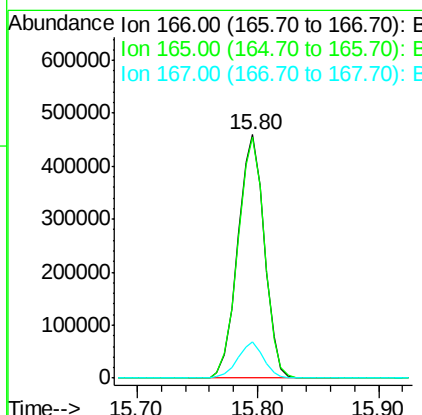
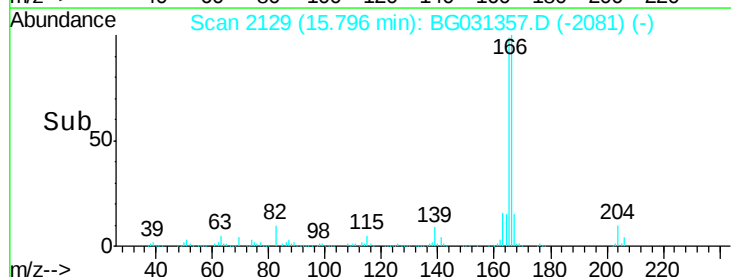
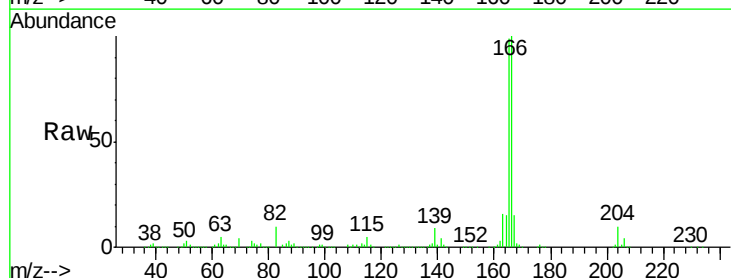
Manual Integrations
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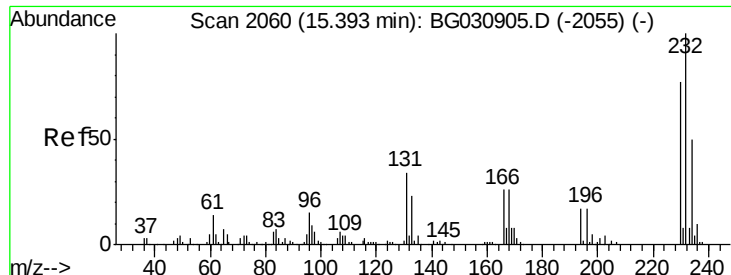
Sohil
 12/5/2017 3:26:48 PM



#57
 Fluorene
 Concen: 46.91 ng
 RT: 15.80 min Scan# 2129
 Delta R.T. -0.02 min
 Lab File: BG031357.D
 Acq: 4 Dec 2017 21:46

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	702080		
165	99.2	80.6	121.0	
167	14.7	10.4	15.6	





#58

2,3,4,6-Tetrachlorophenol

Concen: 50.74 ng

RT: 15.38 min Scan# 2058

Delta R.T. -0.01 min

Lab File: BG031357.D

Acq: 4 Dec 2017 21:46

Instrument :

BNA_G

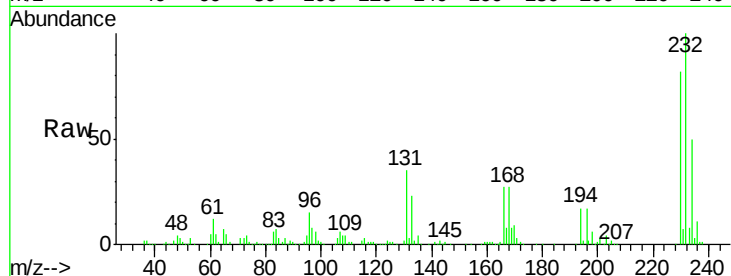
ClientSampleId :

SA-06-120117MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	227201		
131	34.1	33.5	50.3	
130	2.1	2.2	3.2	
166	26.9	24.8	37.2	

Manual Integrations
APPROVED

Sohil
12/5/2017 3:26:48 PM

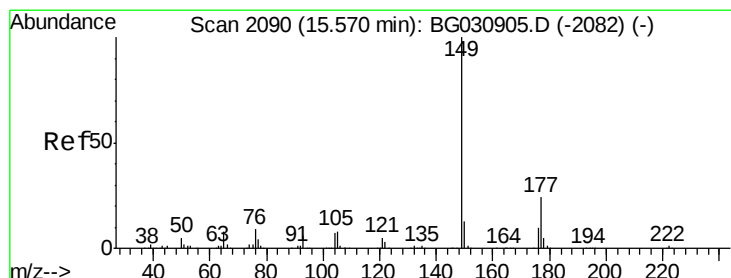
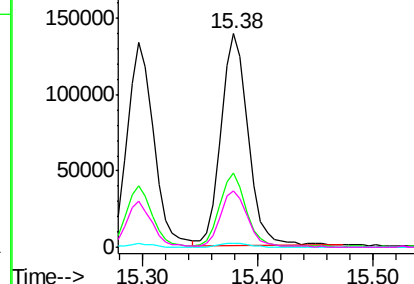
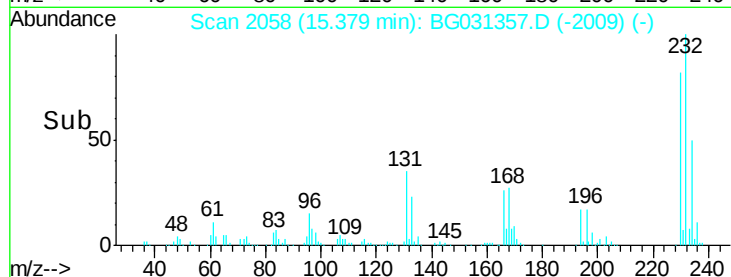


Abundance Ion 232.00 (231.70 to 232.70): E

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: 45.55 ng

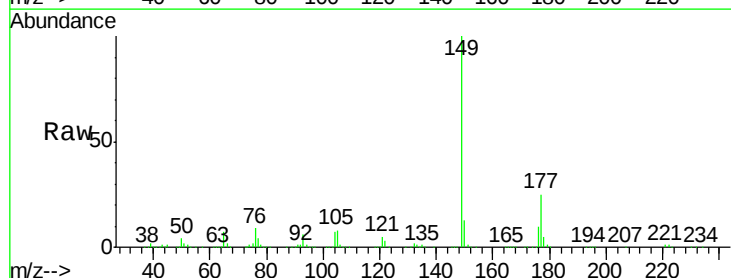
RT: 15.55 min Scan# 2088

Delta R.T. -0.02 min

Lab File: BG031357.D

Acq: 4 Dec 2017 21:46

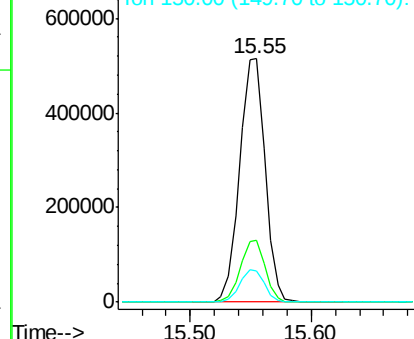
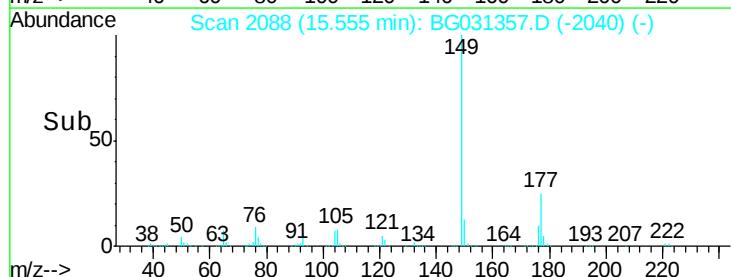
Tgt Ion	Ratio	Resp	Lower	Upper
149	100	757126		
177	25.3	18.5	27.7	
150	13.0	10.2	15.2	

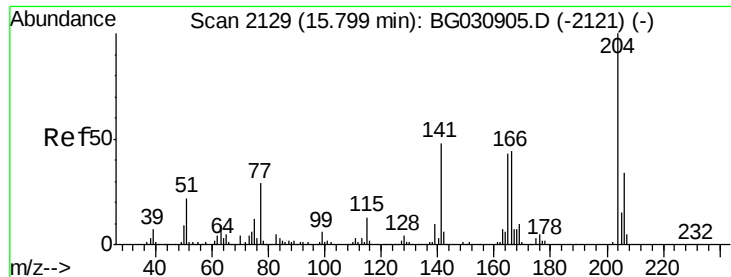


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





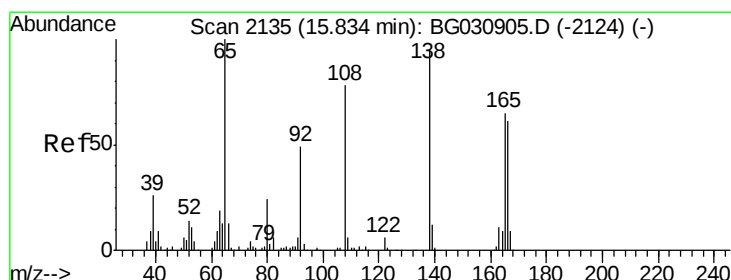
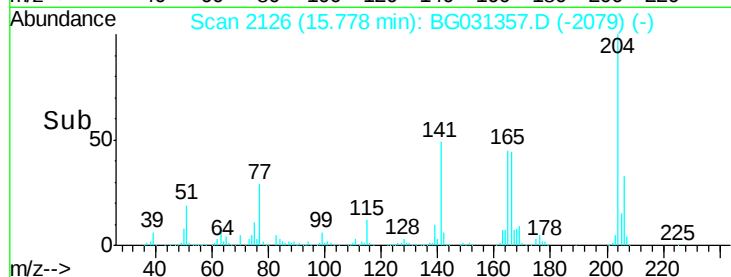
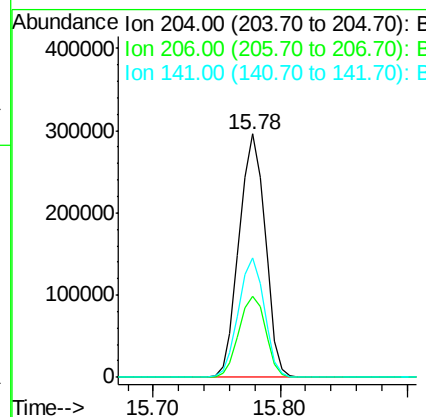
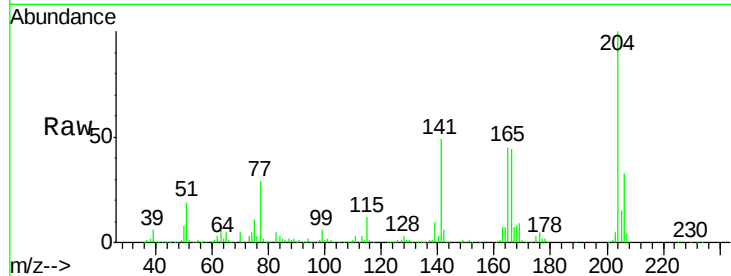
#60
4-Chlorophenyl-phenylether
Concen: 46.68 ng
RT: 15.78 min Scan# 2126
Delta R.T. -0.02 min
Lab File: BG031357.D
Acq: 4 Dec 2017 21:46

Instrument :
BNA_G
ClientSampleId :
SA-06-120117MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.2	39.2
141	49.0	45.8	68.6

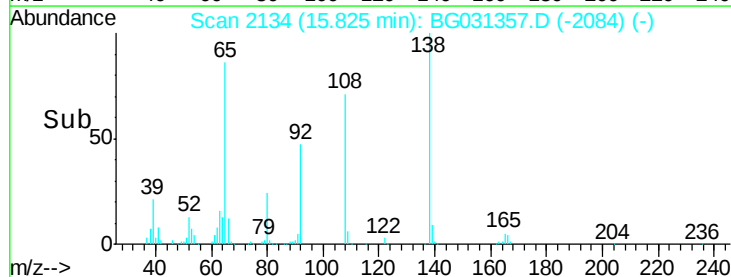
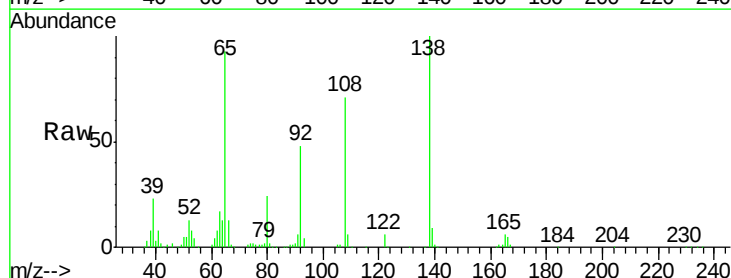
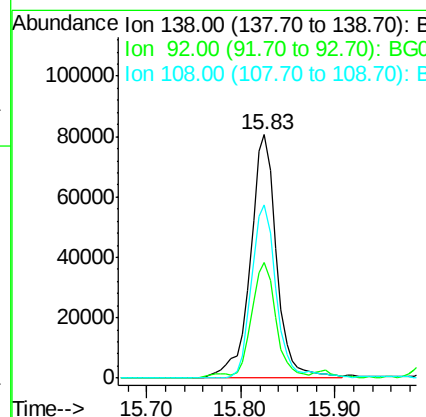
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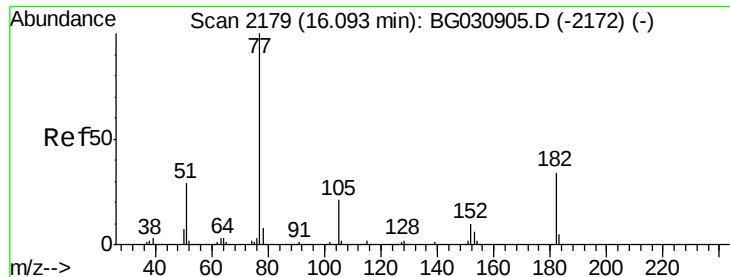
Sohil
12/5/2017 3:26:48 PM



#61
4-Nitroaniline
Concen: 41.10 ng
RT: 15.83 min Scan# 2134
Delta R.T. -0.01 min
Lab File: BG031357.D
Acq: 4 Dec 2017 21:46

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.5	40.1	80.1
108	71.1	65.4	105.4





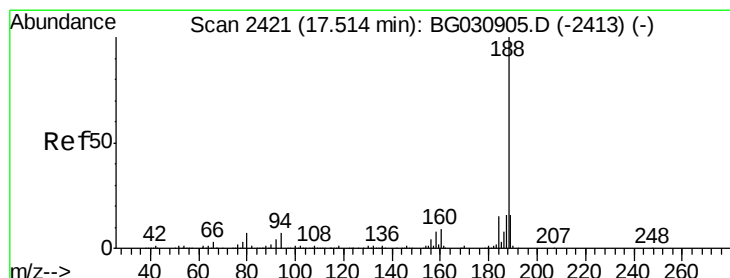
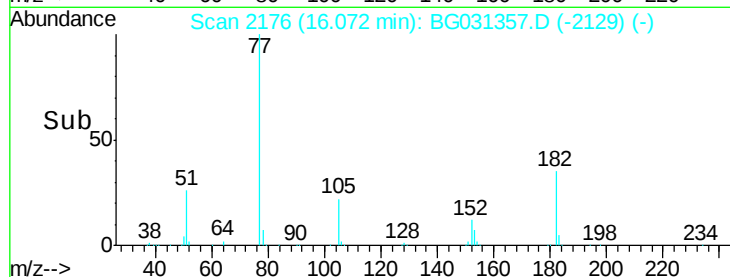
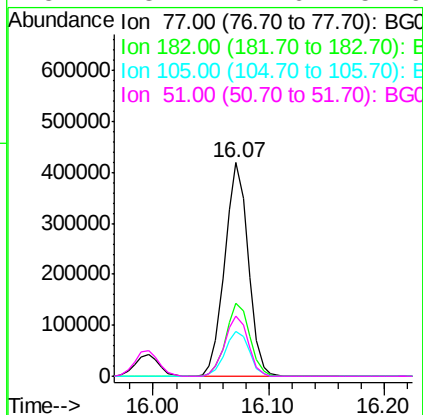
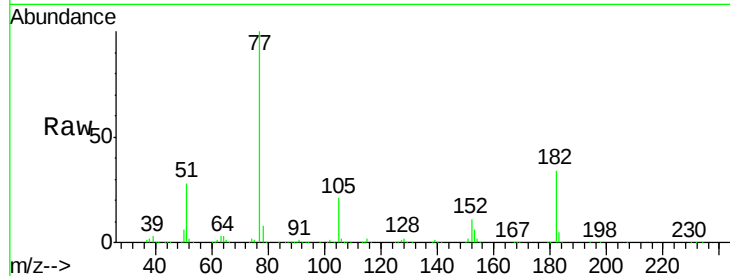
#62
Azobenzene
Concen: 46.37 ng
RT: 16.07 min Scan# 2176
Delta R.T. -0.02 min
Lab File: BG031357.D
Acq: 4 Dec 2017 21:46

Instrument :
BNA_G
ClientSampleId :
SA-06-120117MSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	34.4	7.4	47.4	
105	21.3	0.3	40.3	
51	28.2	11.6	51.6	

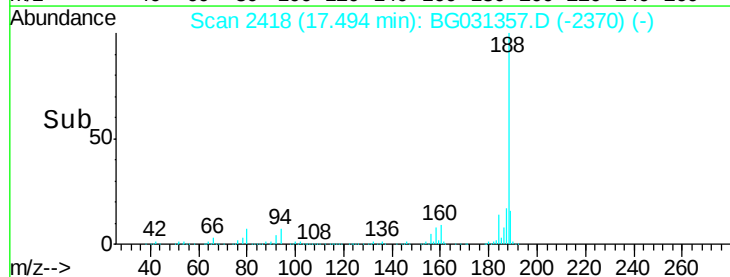
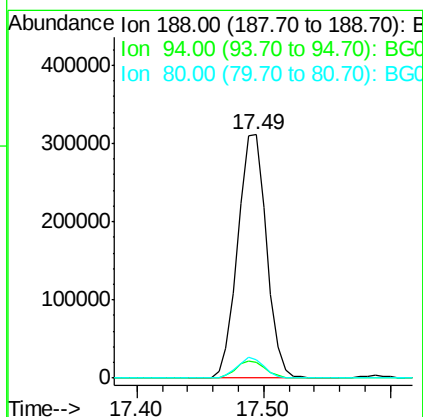
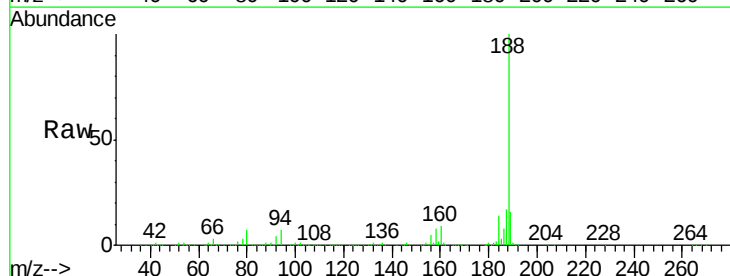
Manual Integrations
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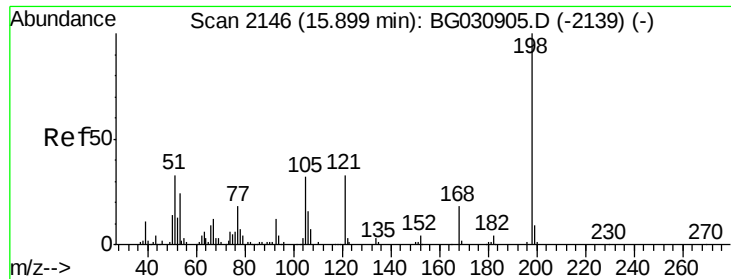
Sohil
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2418
Delta R.T. -0.02 min
Lab File: BG031357.D
Acq: 4 Dec 2017 21:46

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	6.7	6.9	10.3#	
80	7.4	7.7	11.5#	





#64

4,6-Dinitro-2-methylphenol

Concen: 44.62 ng

RT: 15.88 min Scan# 2144

Delta R.T. -0.01 min

Lab File: BG031357.D

Acq: 4 Dec 2017 21:46

Instrument :

BNA_G

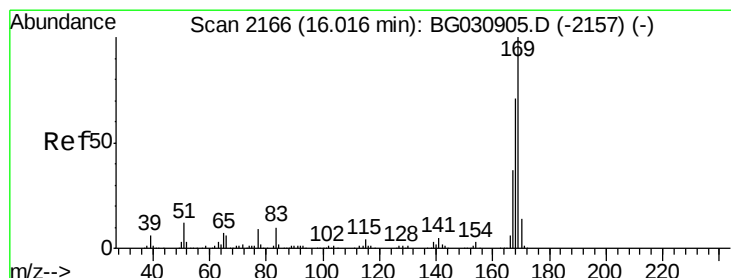
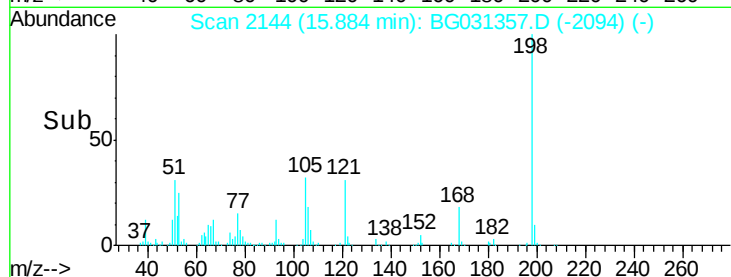
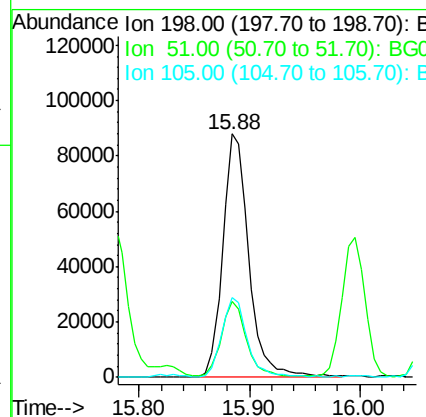
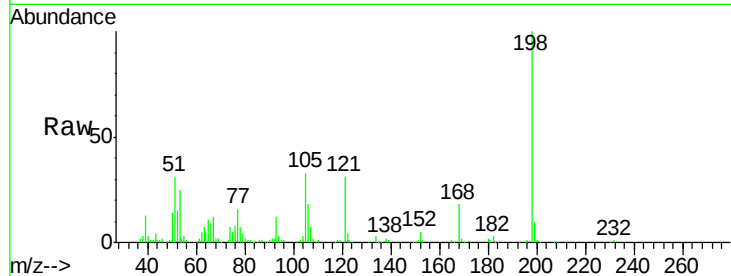
ClientSampleId :

SA-06-120117MSD

Tot Ion:	198	Resp:	144703
Ion Ratio	Lower	Upper	
198	100		
51	31.1	30.6	70.6
105	32.5	23.8	63.8

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#65

n-Nitrosodiphenylamine

Concen: 44.22 ng

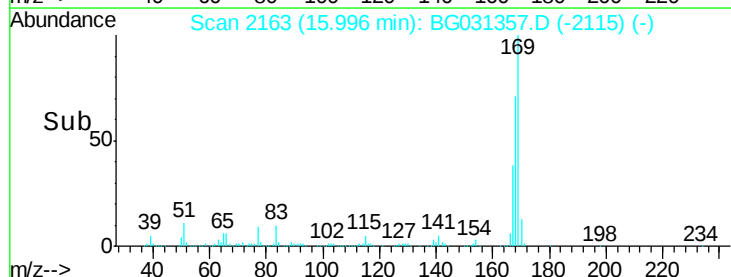
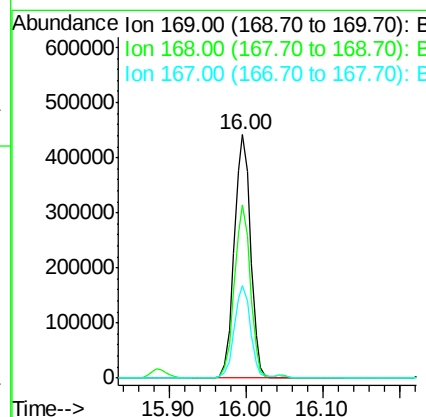
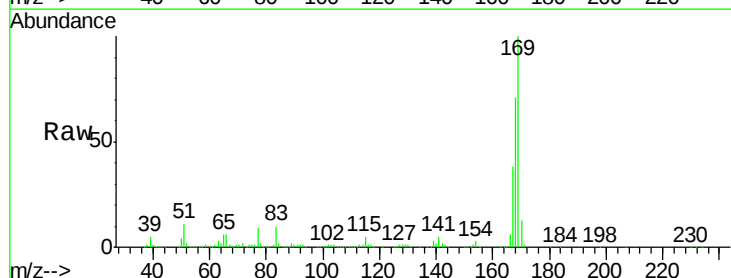
RT: 16.00 min Scan# 2163

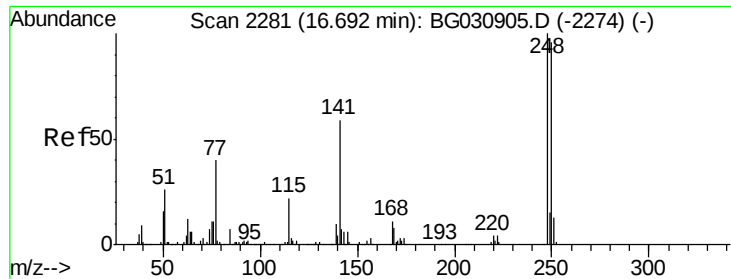
Delta R.T. -0.02 min

Lab File: BG031357.D

Acq: 4 Dec 2017 21:46

Tgt Ion:	169	Resp:	653733
Ion Ratio	Lower	Upper	
169	100		
168	71.1	55.7	83.5
167	37.9	30.1	45.1





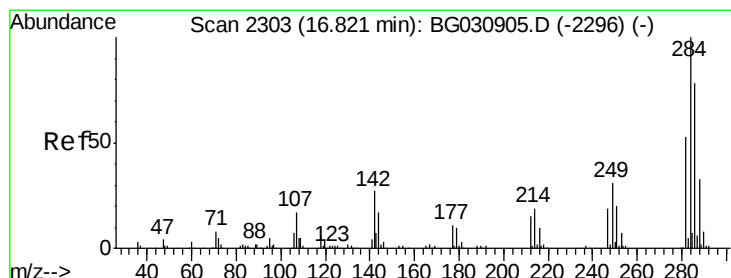
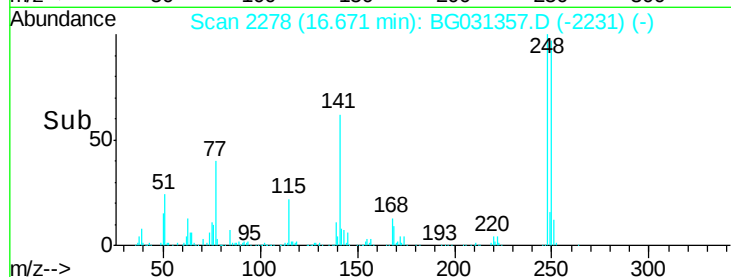
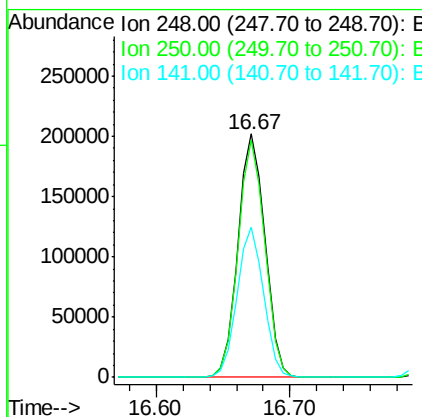
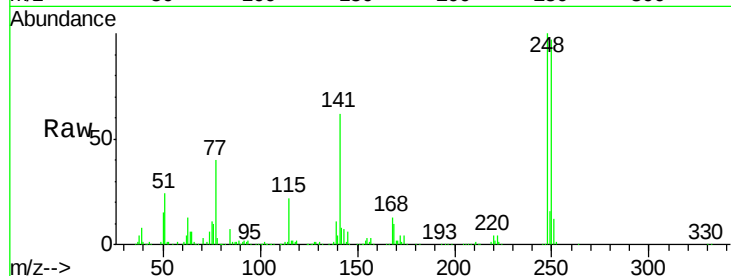
#66
4-Bromophenyl-phenylether
Concen: 45.81 ng
RT: 16.67 min Scan# 2278
Delta R.T. -0.02 min
Lab File: BG031357.D
Acq: 4 Dec 2017 21:46

Instrument :
BNA_G
ClientSampleId :
SA-06-120117MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.3	77.1	115.7
141	61.9	50.8	76.2

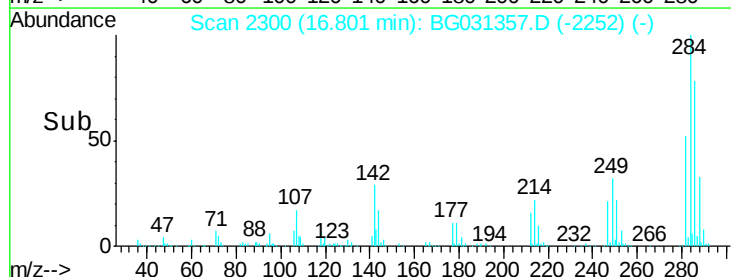
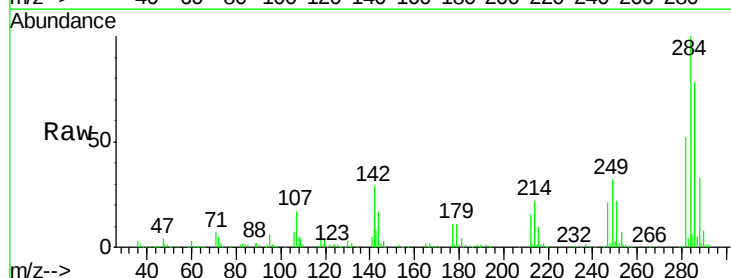
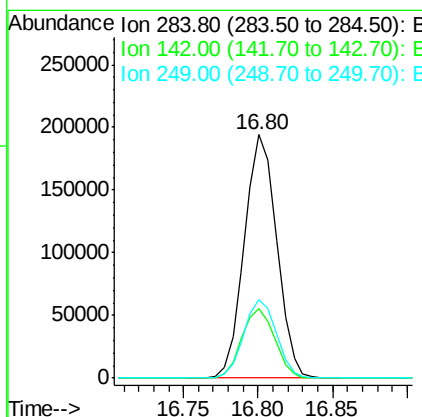
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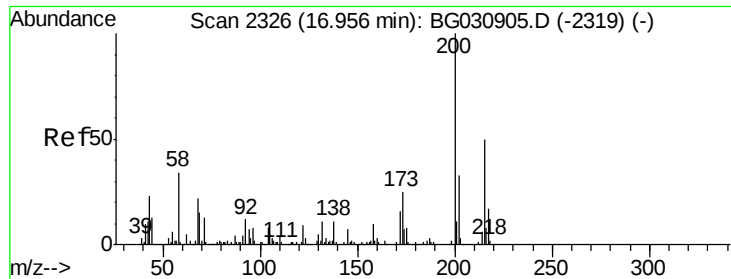
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#67
Hexachlorobenzene
Concen: 44.40 ng
RT: 16.80 min Scan# 2300
Delta R.T. -0.02 min
Lab File: BG031357.D
Acq: 4 Dec 2017 21:46

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.8	26.8	40.2
249	32.1	26.3	39.5





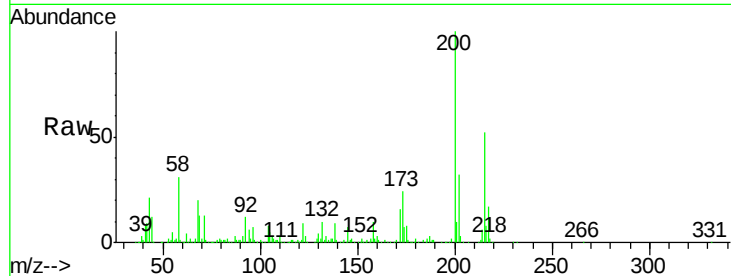
#68
Atrazine
Concen: 38.41 ng
RT: 16.94 min Scan# 2323
Delta R.T. -0.02 min
Lab File: BG031357.D
Acq: 4 Dec 2017 21:46

Instrument :
BNA_G
ClientSampleId :
SA-06-120117MSD

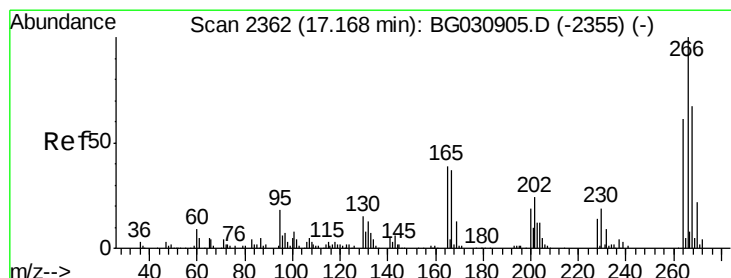
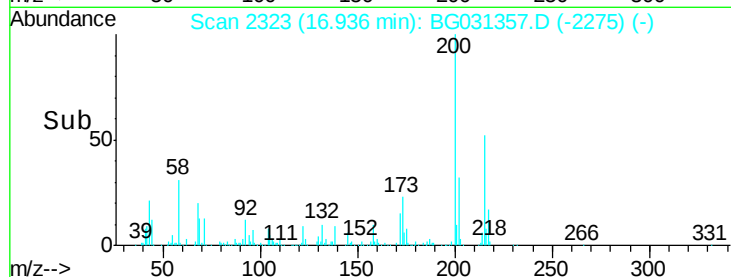
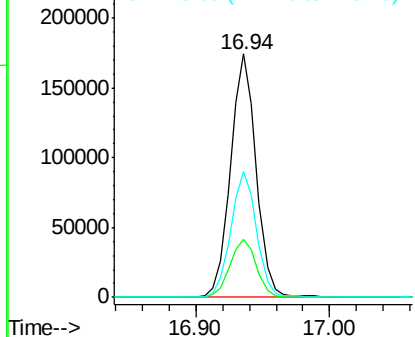
Tot Ion	Ratio	Resp	Lower	Upper
200	100	234301		
173	23.7	5.2	45.2	
215	51.6	30.4	70.4	

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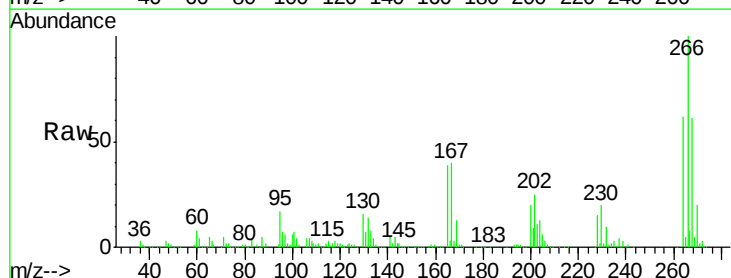


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

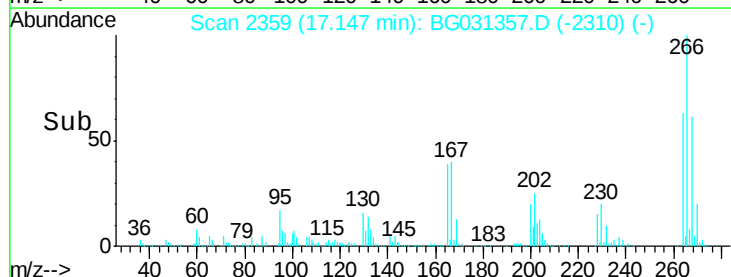
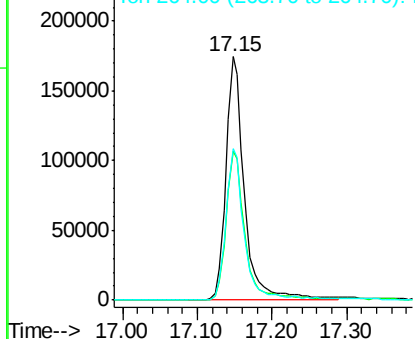


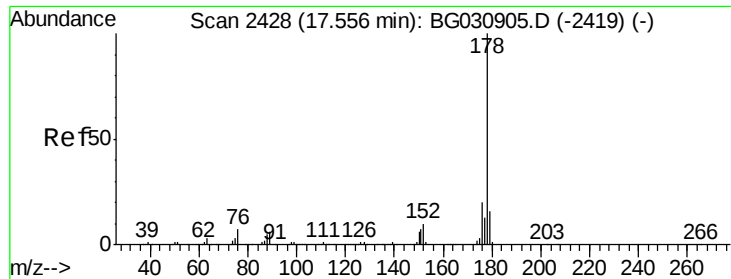
#69
Pentachlorophenol
Concen: 83.89 ng
RT: 17.15 min Scan# 2359
Delta R.T. -0.01 min
Lab File: BG031357.D
Acq: 4 Dec 2017 21:46

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	304444		
268	60.9	51.1	76.7	
264	62.4	49.6	74.4	



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





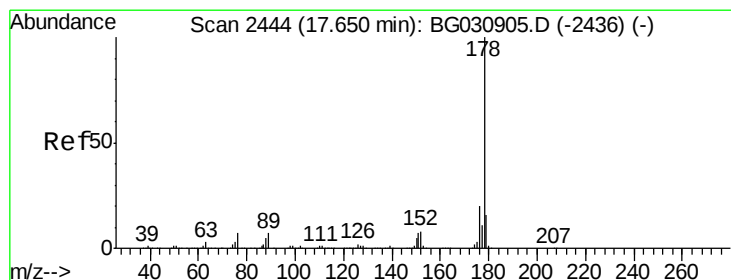
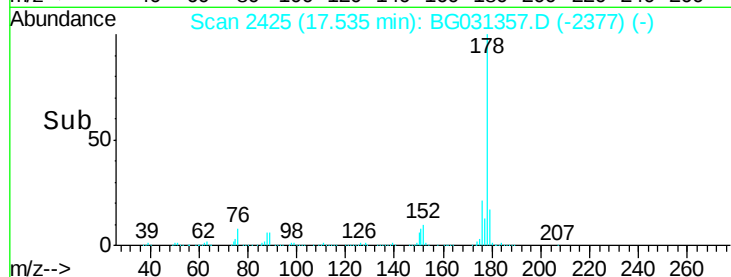
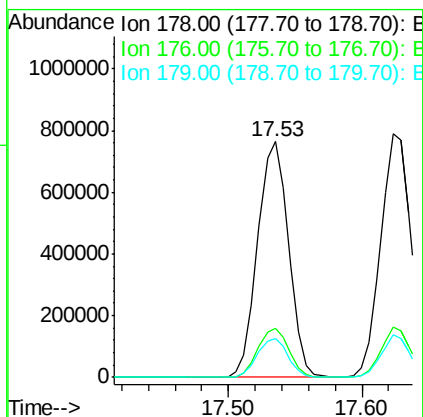
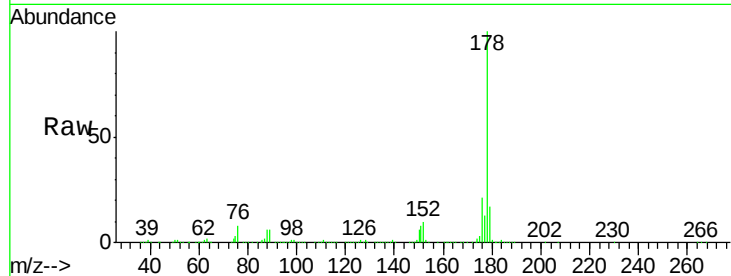
#70
Phenanthrene
Concen: 48.14 ng
RT: 17.53 min Scan# 2425
Delta R.T. -0.02 min
Lab File: BG031357.D
Acq: 4 Dec 2017 21:46

Instrument :
BNA_G
ClientSampleId :
SA-06-120117MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.7	15.7	23.5
179	16.5	12.5	18.7

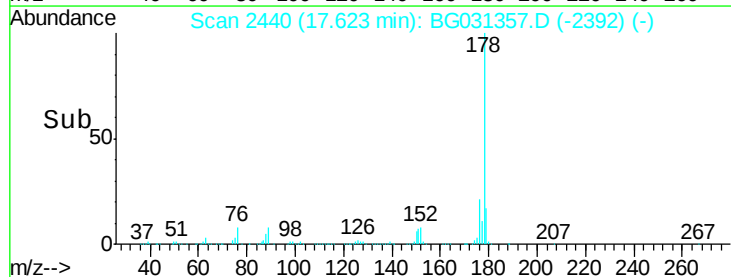
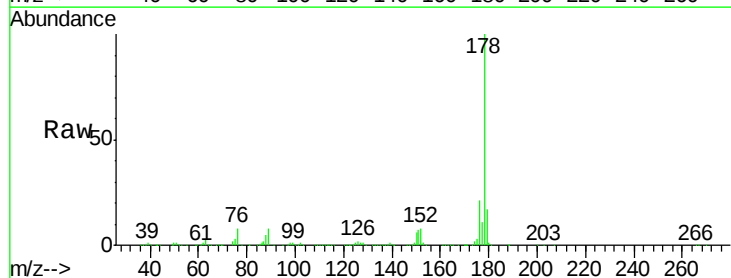
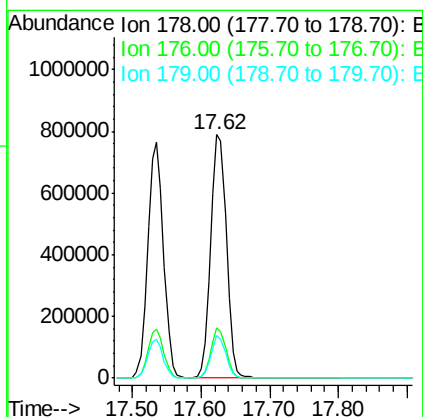
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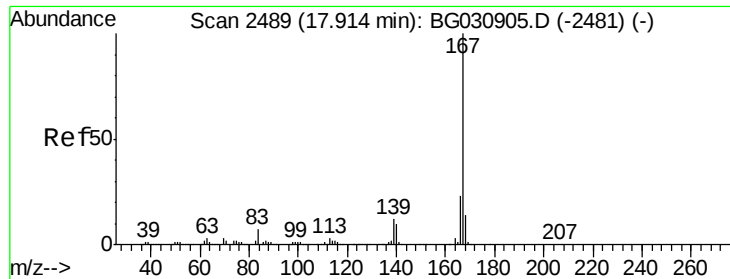
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#71
Anthracene
Concen: 49.26 ng
RT: 17.62 min Scan# 2440
Delta R.T. -0.02 min
Lab File: BG031357.D
Acq: 4 Dec 2017 21:46

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.5	16.0	24.0
179	17.4	12.5	18.7





#72

Carbazole

Concen: 48.11 ng

RT: 17.89 min Scan# 2486

Delta R.T. -0.02 min

Lab File: BG031357.D

Acq: 4 Dec 2017 21:46

Instrument :

BNA_G

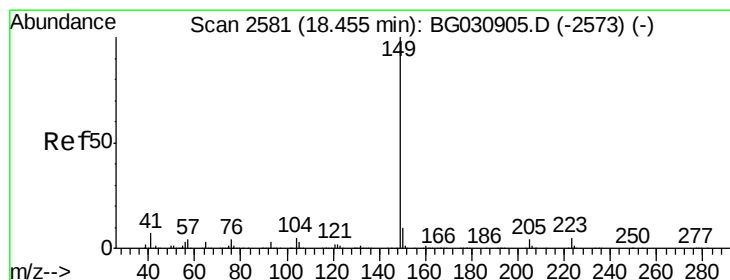
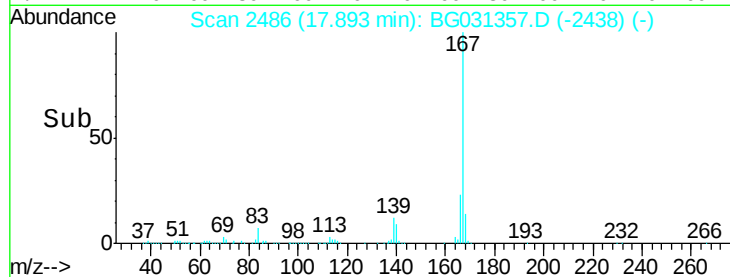
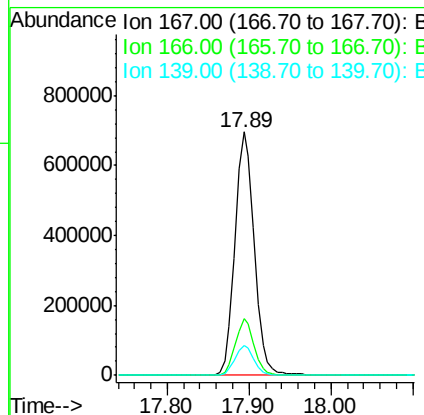
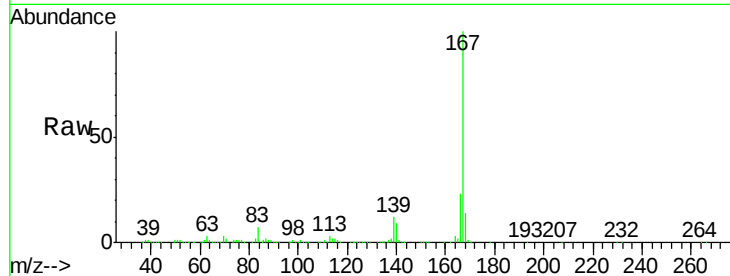
ClientSampleId :

SA-06-120117MSD

Tot Ion:	167	Resp:	1147291
Ion	Ratio	Lower	Upper
167	100		
166	23.3	18.2	27.4
139	12.2	9.4	14.2

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#73

Di-n-butylphthalate

Concen: 45.14 ng

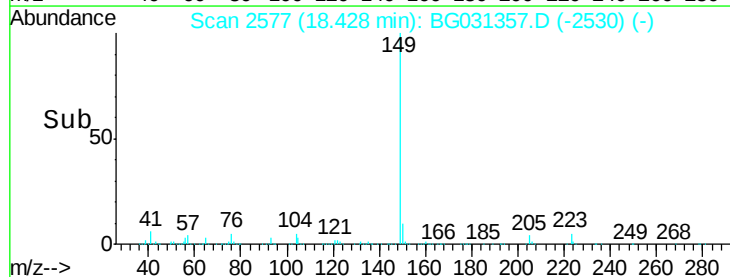
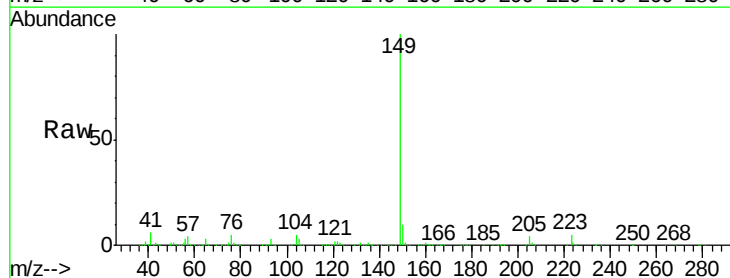
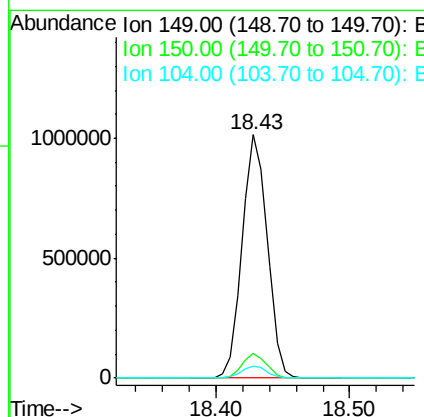
RT: 18.43 min Scan# 2577

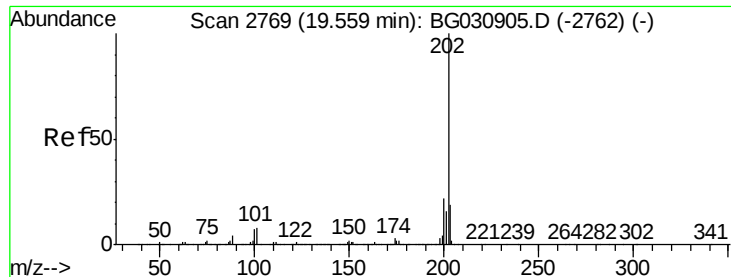
Delta R.T. -0.02 min

Lab File: BG031357.D

Acq: 4 Dec 2017 21:46

Tgt Ion:	149	Resp:	1321757
Ion	Ratio	Lower	Upper
149	100		
150	10.1	7.8	11.6
104	4.9	3.9	5.9





#74

Fluoranthene

Concen: 49.74 ng

RT: 19.53 min Scan# 2765

Delta R.T. -0.02 min

Lab File: BG031357.D

Acq: 4 Dec 2017 21:46

Instrument :

BNA_G

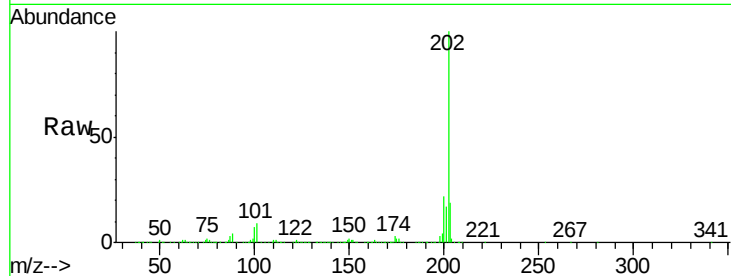
ClientSampleId :

SA-06-120117MSD

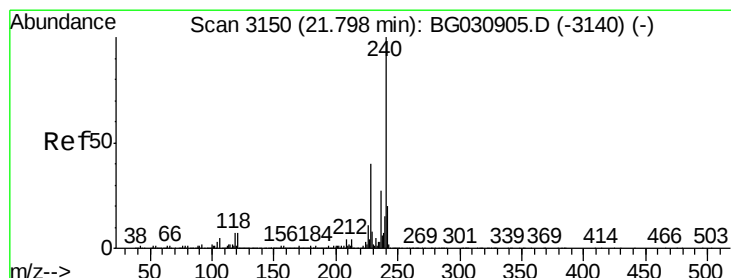
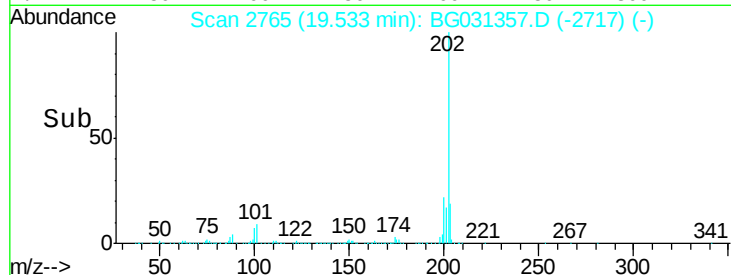
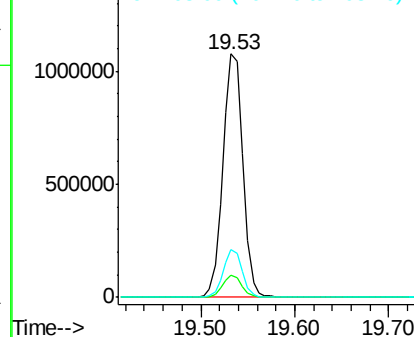
Tot Ion:	202	Resp:	1599806
Ion Ratio	Lower	Upper	
202	100		
101	8.9	0.0	28.9
203	19.5	0.0	37.5

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



#75

Chrysene-d12

Concen: 20.00 ng

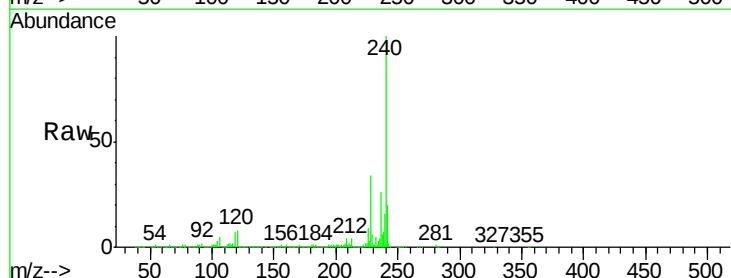
RT: 21.77 min Scan# 3145

Delta R.T. -0.02 min

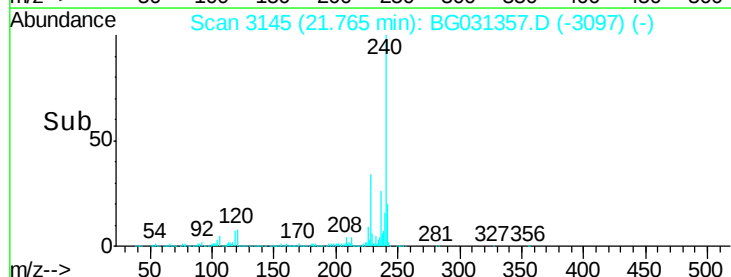
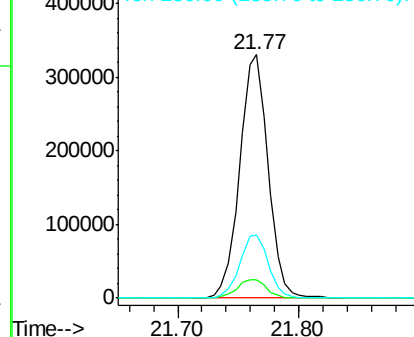
Lab File: BG031357.D

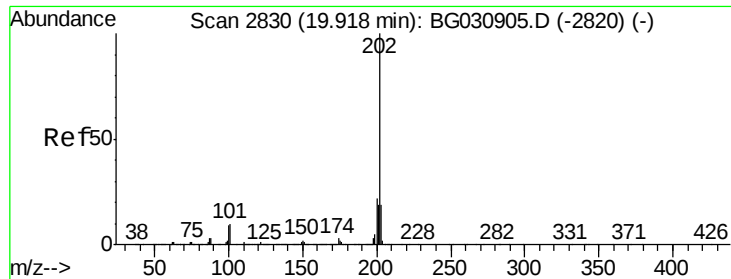
Acq: 4 Dec 2017 21:46

Tgt Ion:	240	Resp:	542956
Ion Ratio	Lower	Upper	
240	100		
120	7.7	6.8	10.2
236	25.9	20.9	31.3



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





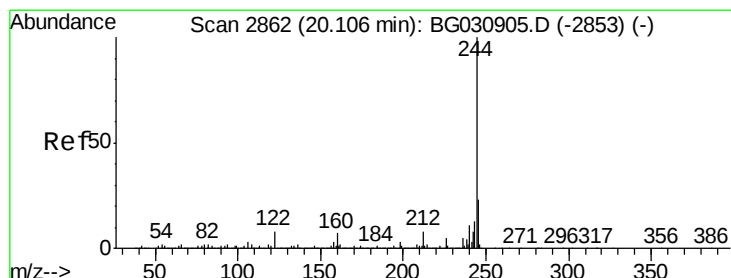
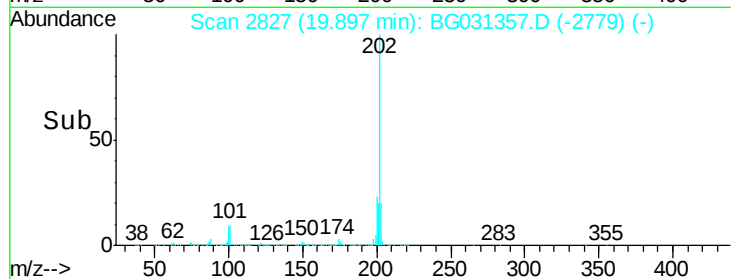
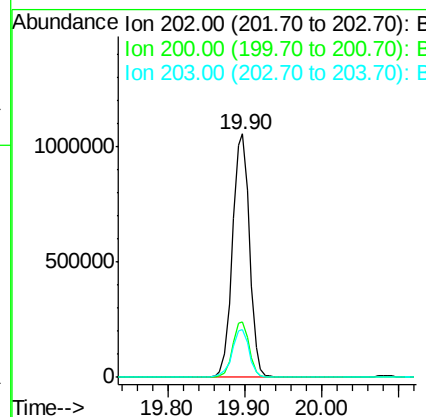
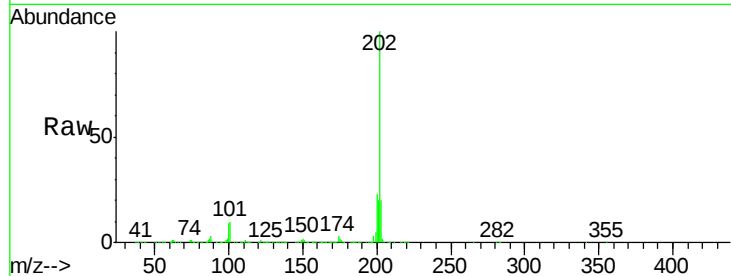
#77
Pvrene
Concen: 50.69 ng
RT: 19.90 min Scan# 2827
Delta R.T. -0.02 min
Lab File: BG031357.D
Acq: 4 Dec 2017 21:46

Instrument :
BNA_G
ClientSampleId :
SA-06-120117MSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.9	16.9	25.3
203	19.7	13.9	20.9

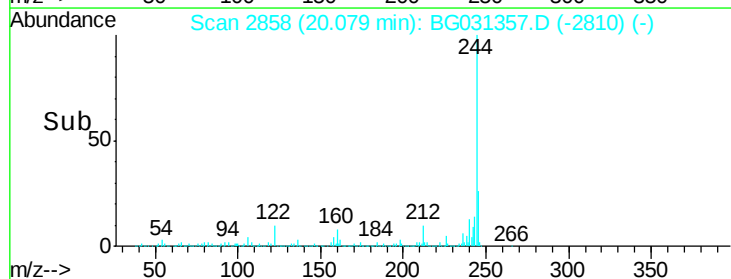
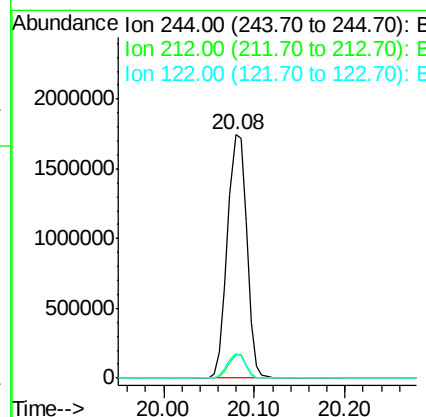
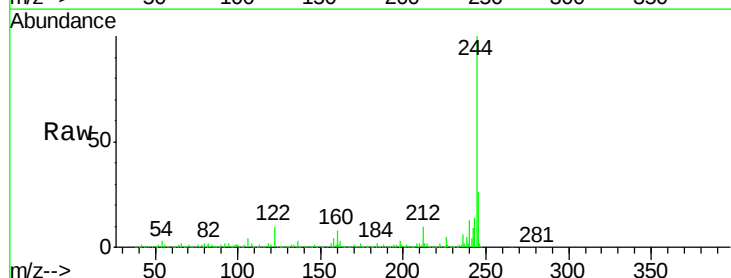
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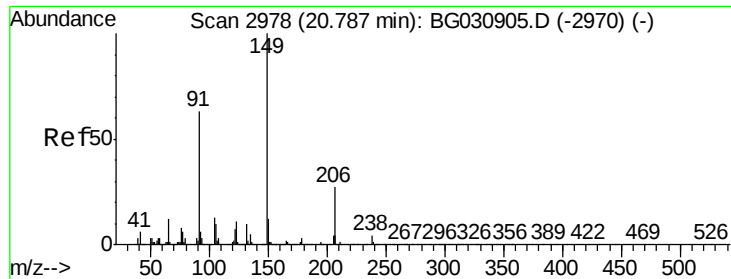
Sohil
12/5/2017 3:26:48 PM



#78
Terphenyl-d14
Concen: 105.17 ng
RT: 20.08 min Scan# 2858
Delta R.T. -0.02 min
Lab File: BG031357.D
Acq: 4 Dec 2017 21:46

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.6	5.8	8.8#
122	10.0	7.0	10.4





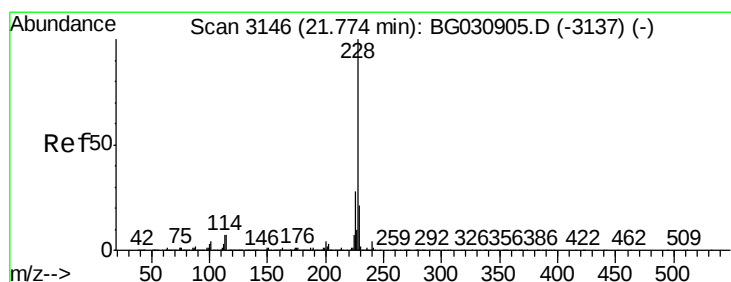
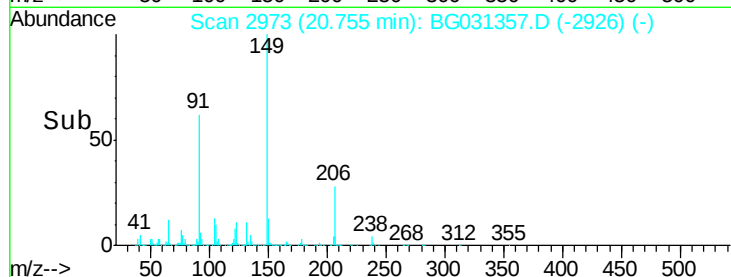
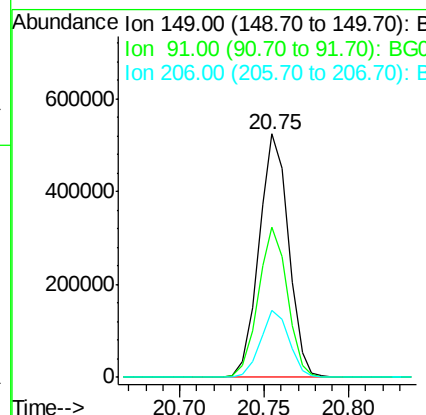
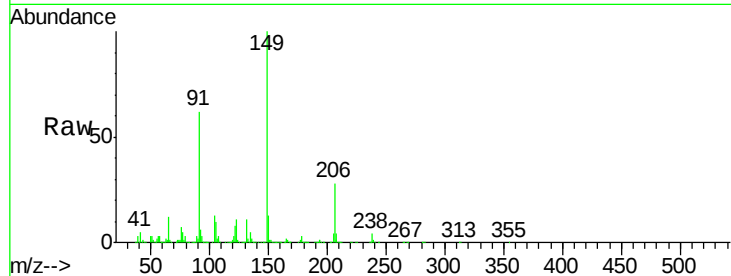
#79
Butylbenzylphthalate
Concen: 49.67 ng
RT: 20.75 min Scan# 2973
Delta R.T. -0.02 min
Lab File: BG031357.D
Acq: 4 Dec 2017 21:46

Instrument :
BNA_G
ClientSampleId :
SA-06-120117MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	61.8	62.2	93.2#
206	27.6	18.6	27.8

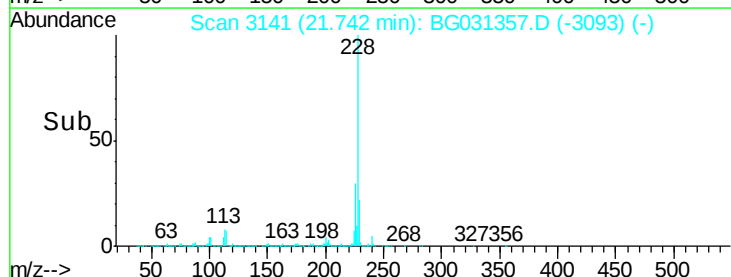
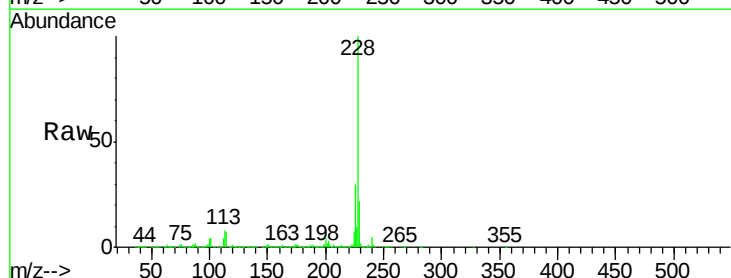
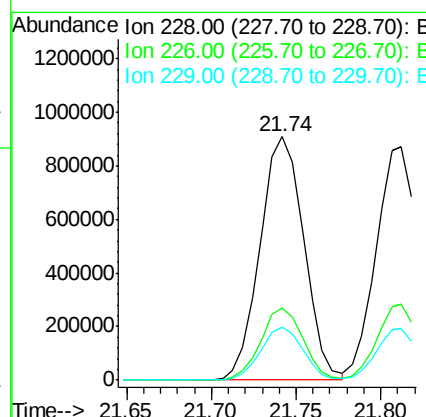
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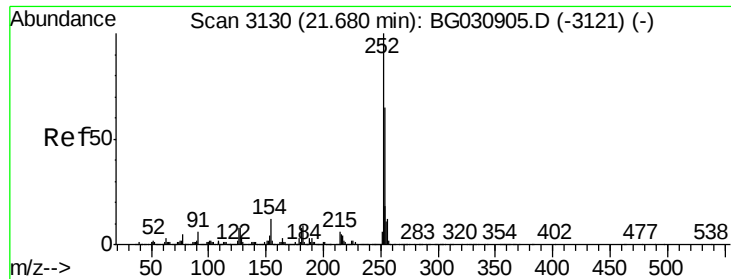
Sohil
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#80
Benzo(a)anthracene
Concen: 48.37 ng
RT: 21.74 min Scan# 3141
Delta R.T. -0.02 min
Lab File: BG031357.D
Acq: 4 Dec 2017 21:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	22.7	34.1
229	21.9	16.2	24.2





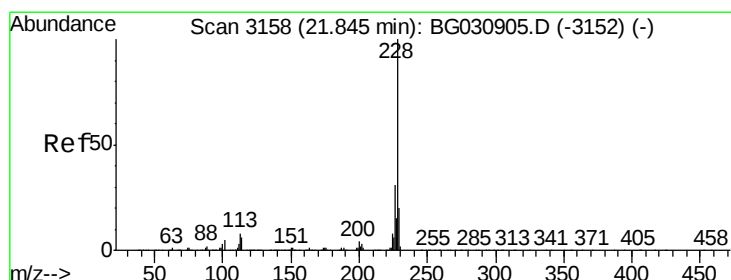
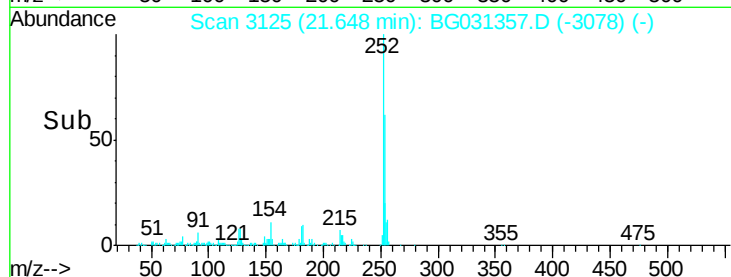
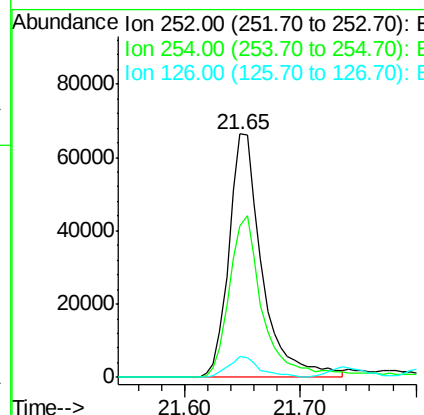
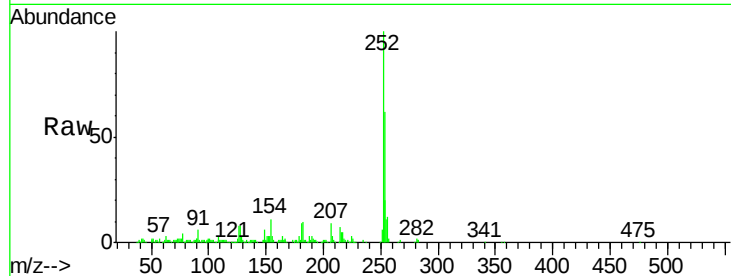
#81
 3,3'-Dichlorobenzidine
 Concen: 9.67 ng
 RT: 21.65 min Scan# 3125
 Delta R.T. -0.02 min
 Lab File: BG031357.D
 Acq: 4 Dec 2017 21:46

Instrument :
 BNA_G
 ClientSampleId :
 SA-06-120117MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.1	50.8	76.2
126	8.4	7.4	11.2

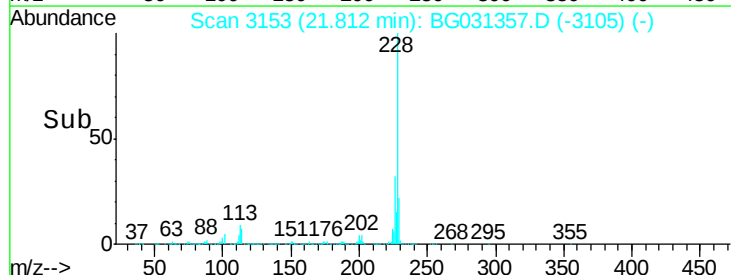
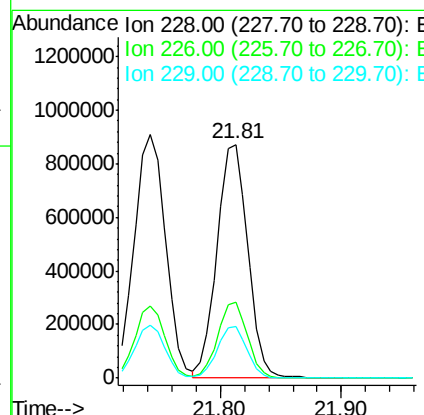
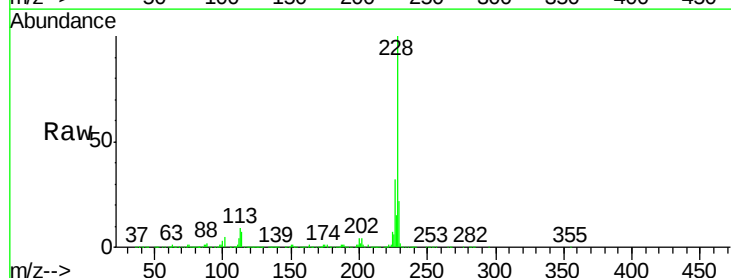
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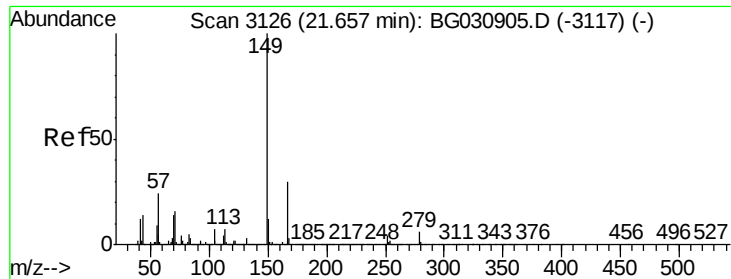
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#82
 Chrysene
 Concen: 49.06 ng
 RT: 21.81 min Scan# 3153
 Delta R.T. -0.02 min
 Lab File: BG031357.D
 Acq: 4 Dec 2017 21:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.3	24.9	37.3
229	21.9	15.0	22.4





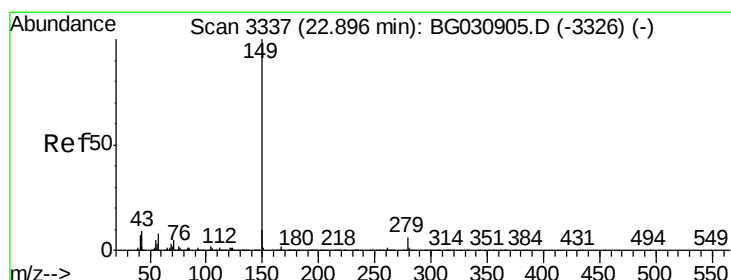
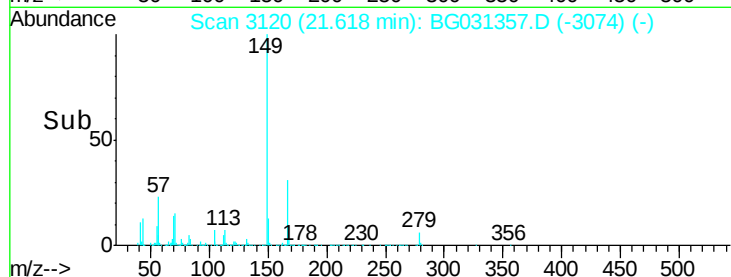
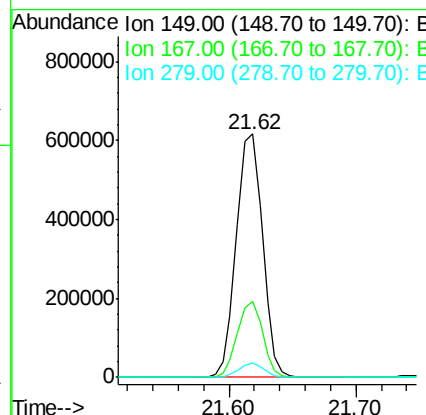
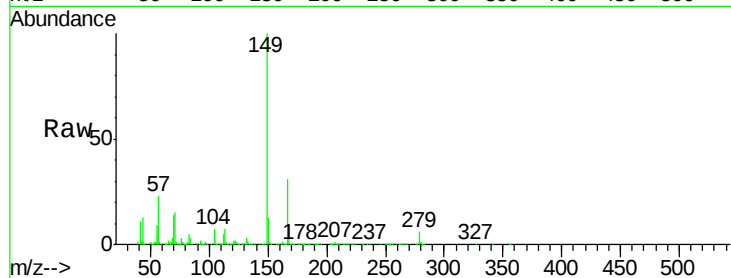
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.67 ng
 RT: 21.62 min Scan# 3120
 Delta R.T. -0.03 min
 Lab File: BG031357.D
 Acq: 4 Dec 2017 21:46

Instrument :
 BNA_G
 ClientSampleId :
 SA-06-120117MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	31.2	24.3	36.5
279	5.7	4.0	6.0

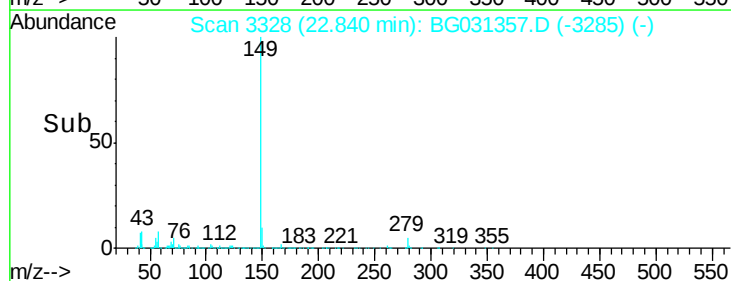
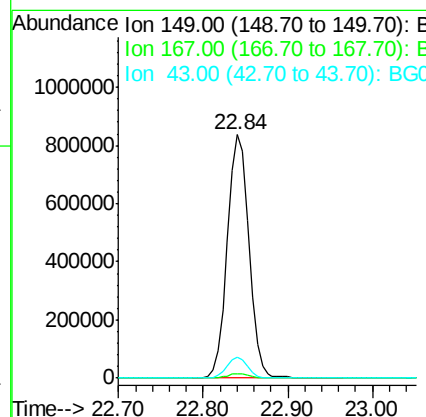
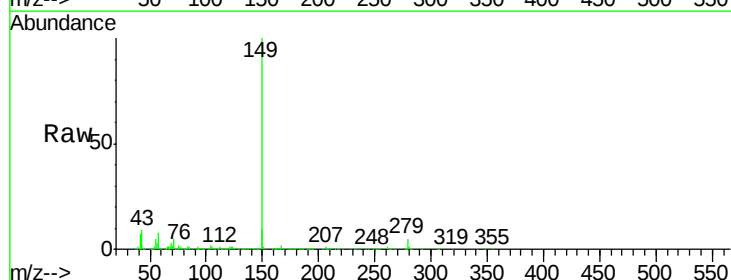
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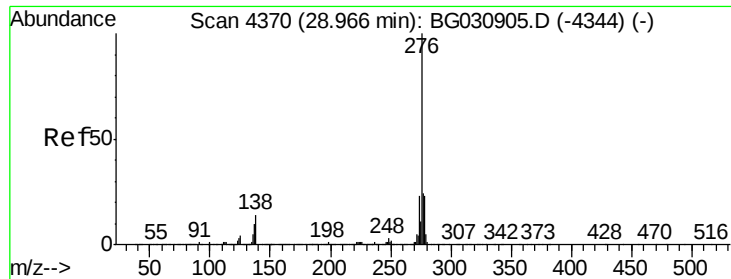
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#84
 Di-n-octyl phthalate
 Concen: 48.95 ng
 RT: 22.84 min Scan# 3328
 Delta R.T. -0.05 min
 Lab File: BG031357.D
 Acq: 4 Dec 2017 21:46

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.4	2.0
43	8.2	8.9	13.3





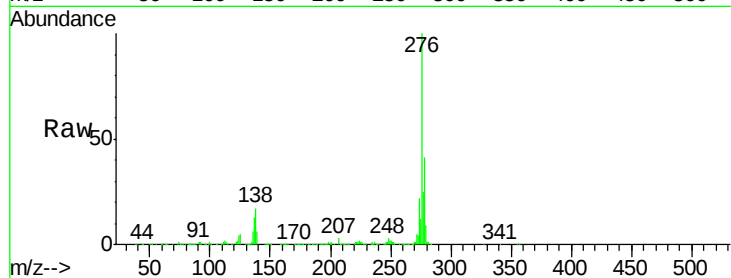
#85
Indeno(1,2,3-cd)pyrene
Concen: 47.24 ng
RT: 28.85 min Scan# 4351
Delta R.T. -0.04 min
Lab File: BG031357.D
Acq: 4 Dec 2017 21:46

Instrument :
BNA_G
ClientSampleId :
SA-06-120117MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.4	16.0	24.0
277	25.7	20.0	30.0

Manual Integrations
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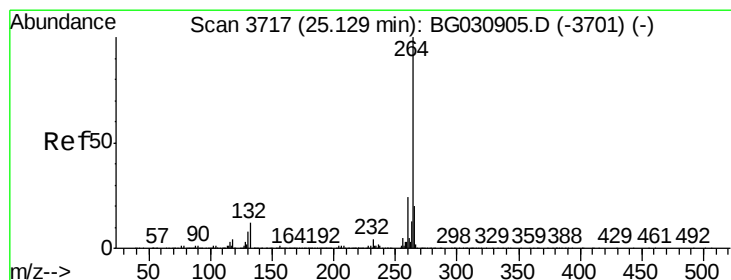
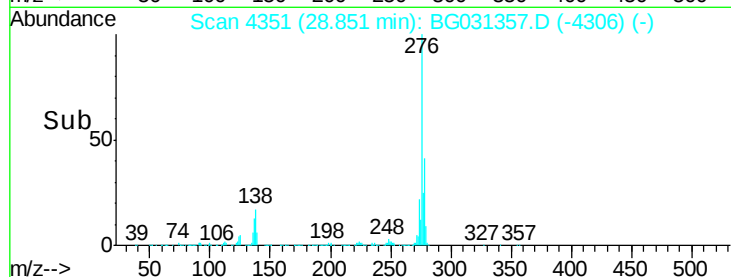
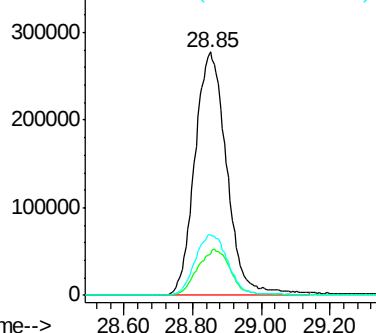


Abundance

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: 25.06 min Scan# 3705
Delta R.T. -0.04 min
Lab File: BG031357.D
Acq: 4 Dec 2017 21:46

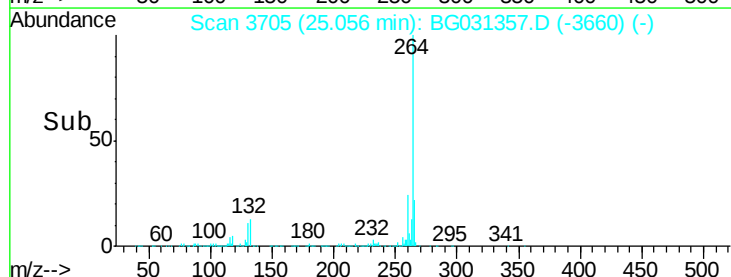
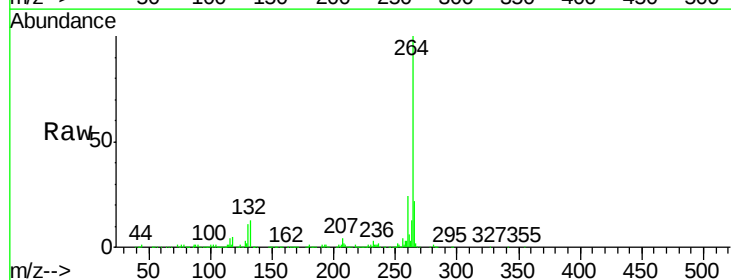
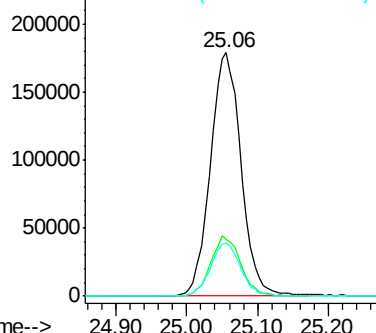
Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.4	26.0
265	21.9	17.7	26.5

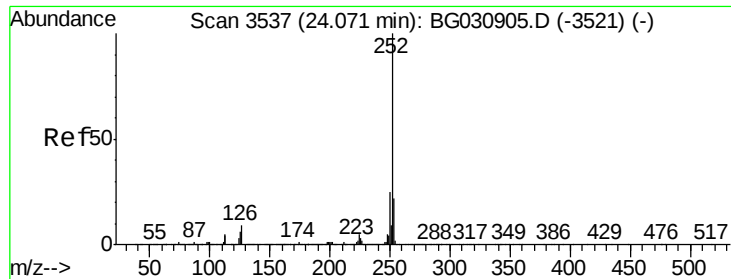
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 50.57 ng

RT: 24.01 min Scan# 3527

Delta R.T. -0.03 min

Lab File: BG031357.D

Acq: 4 Dec 2017 21:46

Instrument :

BNA_G

ClientSampleId :

SA-06-120117MSD

Tot Ion:252 Resp: 1655343

Ion Ratio Lower Upper

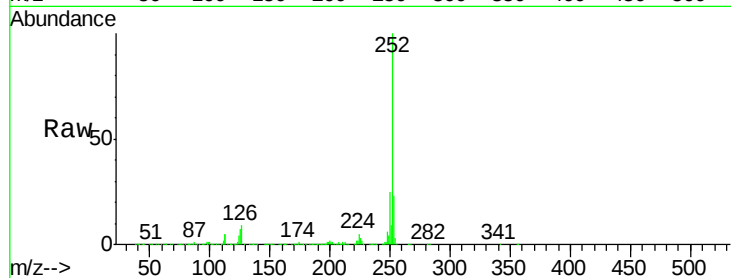
252 100

253 23.4 18.2 27.4

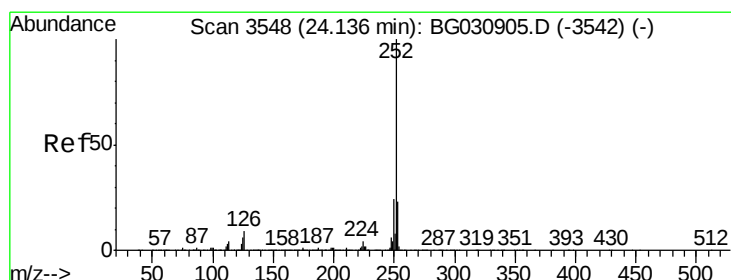
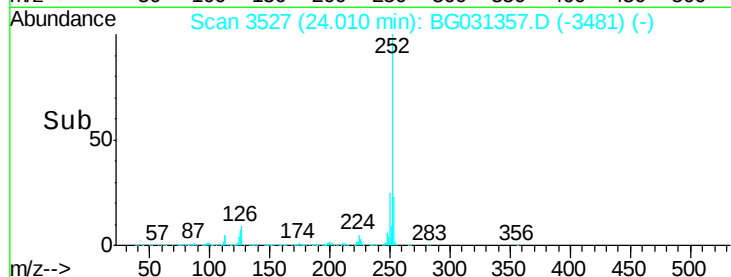
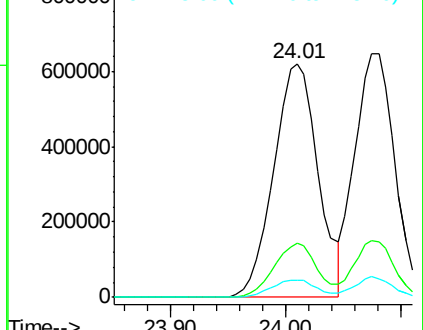
125 7.5 7.2 10.8

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



#88

Benzo(k)fluoranthene

Concen: 48.01 ng

RT: 24.08 min Scan# 3539

Delta R.T. -0.03 min

Lab File: BG031357.D

Acq: 4 Dec 2017 21:46

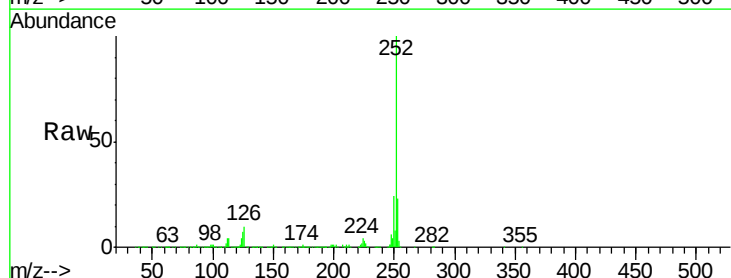
Tgt Ion:252 Resp: 1557764

Ion Ratio Lower Upper

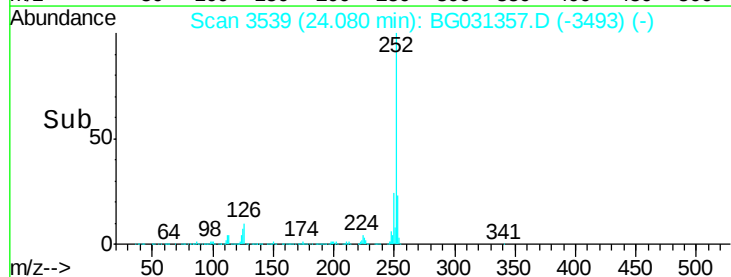
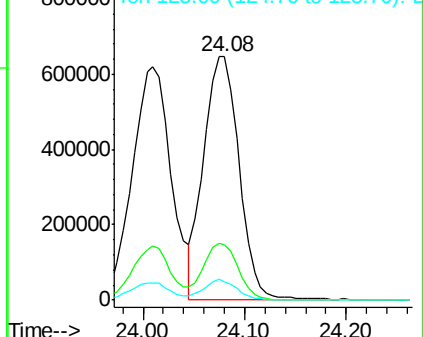
252 100

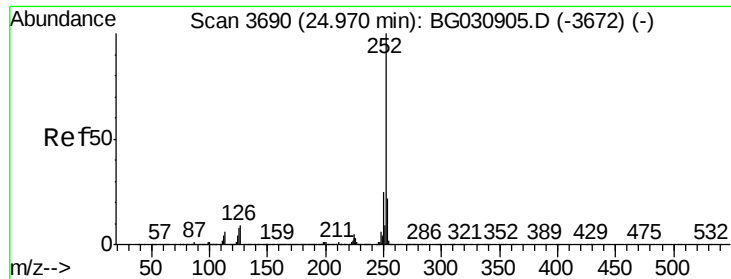
253 22.8 17.4 26.2

125 7.4 6.6 9.8



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





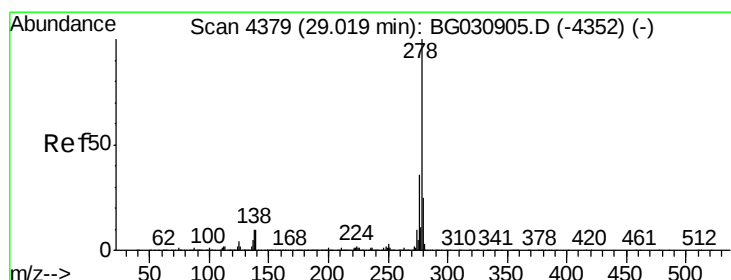
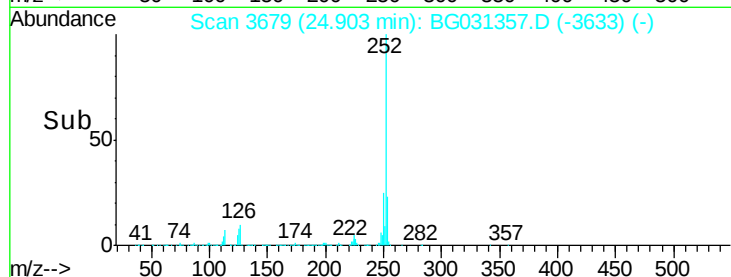
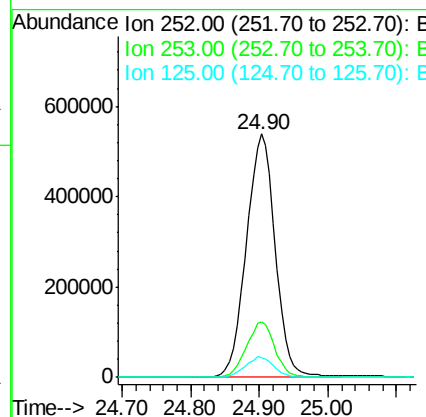
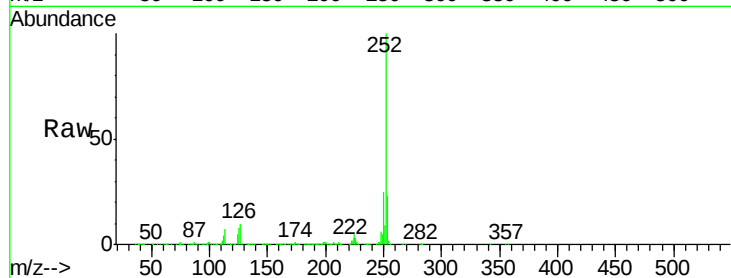
#89
Benzo(a)pyrene
Concen: 50.60 ng
RT: 24.90 min Scan# 3679
Delta R.T. -0.03 min
Lab File: BG031357.D
Acq: 4 Dec 2017 21:46

Instrument :
BNA_G
ClientSampleId :
SA-06-120117MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.3	27.5
125	8.1	7.3	10.9

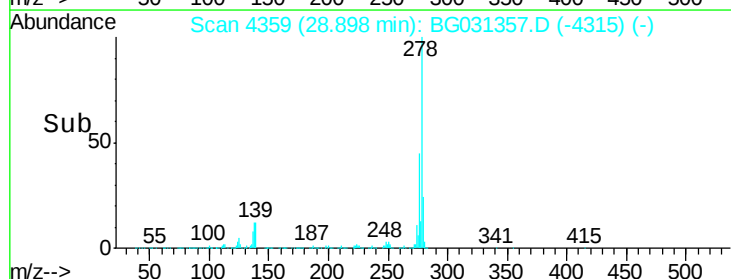
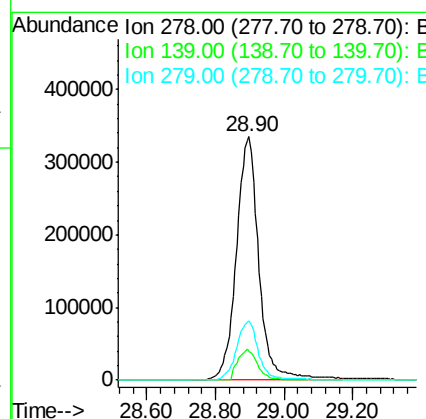
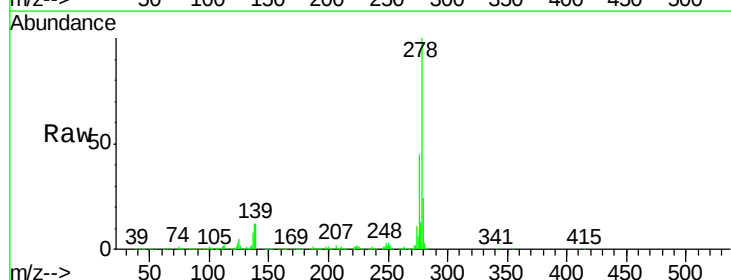
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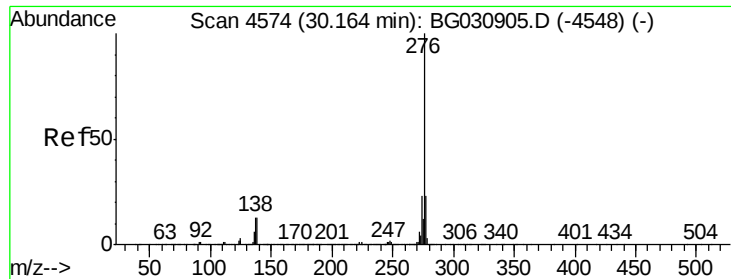
Sohil
12/5/2017 3:26:48 PM



#90
Dibenzo(a,h)anthracene
Concen: 47.87 ng
RT: 28.90 min Scan# 4359
Delta R.T. -0.04 min
Lab File: BG031357.D
Acq: 4 Dec 2017 21:46

Tgt Ion	Ratio	Lower	Upper
278	100		
139	11.6	9.8	14.6
279	24.2	18.4	27.6





#91
 Benzo(a,h,i)perylene
 Concen: 45.02 ng
 RT: 30.03 min Scan# 4552
 Delta R.T. -0.04 min
 Lab File: BG031357.D
 Acq: 4 Dec 2017 21:46

Instrument :
 BNA_G
 ClientSampleId :
 SA-06-120117MSD

Tot Ion:	276	Resp:	1388681
Ion Ratio	Lower	Upper	
276	100		
277	23.7	18.3	27.5
138	15.7	13.9	20.9

Manual Integrations
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 12/5/2017 3:26:48 PM

