

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120417\
 Data File : BG031350.D
 Acq On : 4 Dec 2017 17:23
 Operator : SJ/JU
 Sample : PB104670BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB104670BS

Manual Integrations
 APPROVED

Sohil
 12/5/2017 3:26:43 PM

Quant Time: Dec 05 04:38:12 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	67568	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	282284	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	185791	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	476469	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	543500	20.00	ng	-0.02
86) Perylene-d12	25.06	264	552500	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.69	112	559352	141.95	ng	-0.02
7) Phenol-d6	7.30	99	720227	135.67	ng	0.00
23) Nitrobenzene-d5	9.30	82	416544	87.44	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	351291	116.88	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	1198157	92.66	ng	-0.03
78) Terphenyl-d14	20.08	244	2138276	86.87	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	58759	36.75	ng	# 82
3) Pyridine	3.94	79	167847	36.16	ng	84
4) n-Nitrosodimethylamine	3.86	42	83946	38.16	ng	# 88
6) Aniline	7.45	93	218693	31.30	ng	93
8) 2-Chlorophenol	7.69	128	216299	49.74	ng	87
9) Benzaldehyde	7.27	77	78666m	21.18	ng	
10) Phenol	7.32	94	270648	49.09	ng	91
11) bis(2-Chloroethyl)ether	7.54	93	189982	43.16	ng	91
12) 1,3-Dichlorobenzene	8.02	146	223318	43.77	ng	96
13) 1,4-Dichlorobenzene	8.16	146	230012	44.49	ng	92
14) 1,2-Dichlorobenzene	8.48	146	219546	44.24	ng	98
15) Benzyl Alcohol	8.37	79	180454	42.38	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.65	45	274720	56.50	ng	91
17) 2-Methylphenol	8.58	107	186002	48.45	ng	96
18) Hexachloroethane	9.21	117	77983	43.34	ng	93
19) n-Nitroso-di-n-propylamine	8.93	70	151920	37.64	ng	# 95
20) 3+4-Methylphenols	8.91	107	253675	46.47	ng	94
22) Acetophenone	8.95	105	293423	41.75	ng	# 92
24) Nitrobenzene	9.34	77	223767	45.98	ng	# 88
25) Isophorone	9.86	82	426281	45.88	ng	# 91
26) 2-Nitrophenol	10.05	139	124646	49.14	ng	# 87
27) 2,4-Dimethylphenol	10.11	122	210050	55.78	ng	93
28) bis(2-Chloroethoxy)methane	10.33	93	272564	46.58	ng	96
29) 2,4-Dichlorophenol	10.60	162	244861	54.15	ng	93
30) 1,2,4-Trichlorobenzene	10.80	180	258265	47.84	ng	98
31) Naphthalene	10.99	128	639191	46.06	ng	99
32) Benzoic acid	10.28	122	101206	34.12	ng	# 82
33) 4-Chloroaniline	11.11	127	128269	21.12	ng	94
34) Hexachlorobutadiene	11.27	225	166406	44.45	ng	95
35) Caprolactam	11.88	113	81905m	44.34	ng	
36) 4-Chloro-3-methylphenol	12.23	107	238971	48.56	ng	86
37) 2-Methylnaphthalene	12.59	142	512701	47.86	ng	93
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	313365	42.50	ng	95
40) Hexachlorocyclopentadiene	12.93	237	287821	102.13	ng	92

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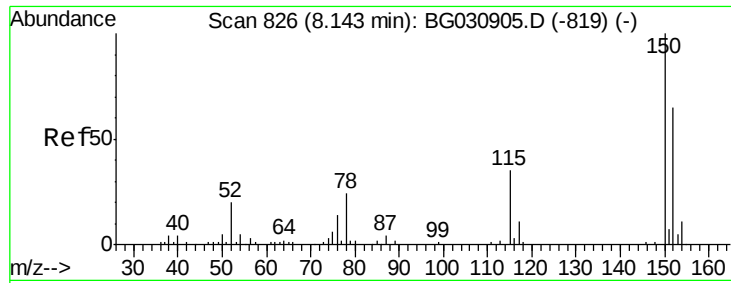
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Quant Time: Dec 05 04:38:12 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.19	196	215134	51.03	nq	99
43) 2,4,5-Trichlorophenol	13.28	196	226803	49.17	nq	# 90
45) 1,1'-Biphenyl	13.58	154	670227	43.50	nq	97
46) 2-Chloronaphthalene	13.63	162	552183	49.68	nq	95
47) 2-Nitroaniline	13.84	65	152395	46.25	nq	# 78
48) Acenaphthylene	14.48	152	838610	46.09	nq	99
49) Dimethylphthalate	14.20	163	743141	46.26	nq	99
50) 2,6-Dinitrotoluene	14.33	165	169535	51.20	nq	# 73
51) Acenaphthene	14.82	154	525907	46.28	nq	98
52) 3-Nitroaniline	14.66	138	111651	31.76	nq	# 77
53) 2,4-Dinitrophenol	14.88	184	144256	79.25	nq	# 45
54) Dibenzofuran	15.14	168	868096	47.97	nq	100
55) 4-Nitrophenol	14.99	139	235521	94.04	nq	# 76
56) 2,4-Dinitrotoluene	15.12	165	247693	51.75	nq	# 71
57) Fluorene	15.80	166	700352	47.66	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.38	232	229480	52.20	nq	# 89
59) Diethylphthalate	15.55	149	728059	44.62	nq	97
60) 4-Chlorophenyl-phenylether	15.78	204	418359	47.14	nq	91
61) 4-Nitroaniline	15.83	138	178521	47.95	nq	85
62) Azobenzene	16.07	77	580340	46.63	nq	91
64) 4,6-Dinitro-2-methylphenol	15.89	198	128584	40.60	nq	79
65) n-Nitrosodiphenylamine	16.00	169	655649	45.41	nq	99
66) 4-Bromophenyl-phenylether	16.67	248	279361	46.29	nq	96
67) Hexachlorobenzene	16.80	284	282153	44.00	nq	94
68) Atrazine	16.94	200	278256	46.71	nq	98
69) Pentachlorophenol	17.15	266	280058	79.01	nq	99
70) Phenanthrene	17.54	178	1197992	48.29	nq	99
71) Anthracene	17.62	178	1236625	49.75	nq	99
72) Carbazole	17.89	167	1143683	49.10	nq	99
73) Di-n-butylphthalate	18.43	149	1296823	45.35	nq	98
74) Fluoranthene	19.53	202	1577442	50.22	nq	97
76) Benzidine	19.71	184	669191	38.33	nq	96
77) Pyrene	19.90	202	1601738	49.66	nq	95
79) Butylbenzylphthalate	20.76	149	640175	49.78	nq	85
80) Benzo(a)anthracene	21.74	228	1641451	48.62	nq	97
81) 3,3'-Dichlorobenzidine	21.65	252	425213	31.20	nq	96
82) Chrysene	21.81	228	1535419	49.17	nq	96
83) Bis(2-ethylhexyl)phthalate	21.62	149	880675	47.44	nq	99
84) Di-n-octyl phthalate	22.84	149	1488656	49.27	nq	# 93
85) Indeno(1,2,3-cd)pyrene	28.85	276	1851099	48.76	nq	99
87) Benzo(b)fluoranthene	24.01	252	1654455	49.50	nq	98
88) Benzo(k)fluoranthene	24.08	252	1591645	48.05	nq	97
89) Benzo(a)pyrene	24.90	252	1603050	50.49	nq	99
90) Dibenzo(a,h)anthracene	28.91	278	1539899	47.45	nq	100
91) Benzo(g,h,i)perylene	30.03	276	1509805	47.94	nq	99

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



#1

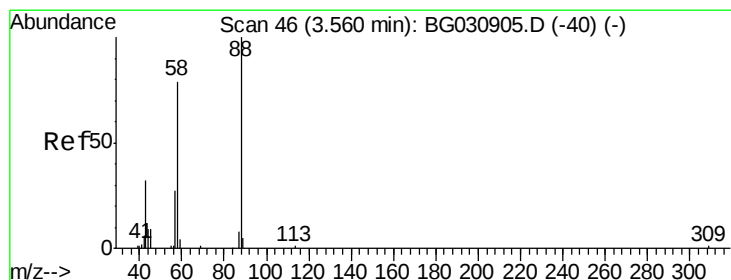
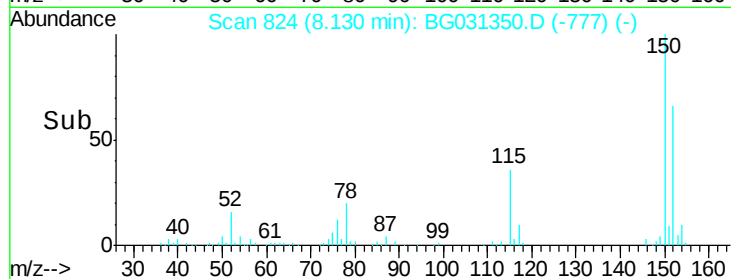
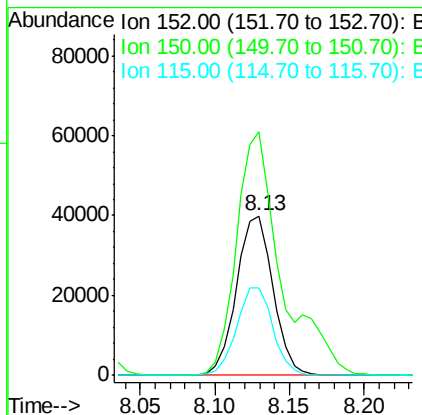
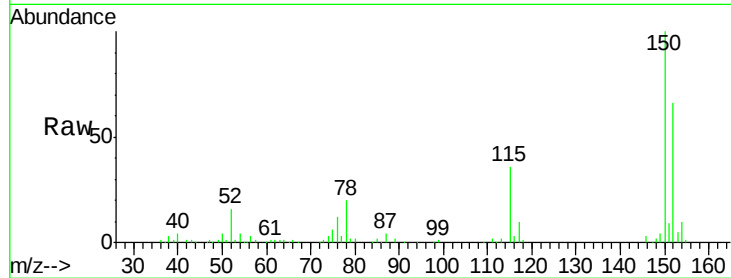
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.13 min Scan# 824
Delta R.T. -0.02 min
Lab File: BG031350.D
Acq: 4 Dec 2017 17:23

Instrument :
BNA_G
ClientSampleId :
PB104670BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.5	126.6	189.8
115	54.7	53.0	79.4

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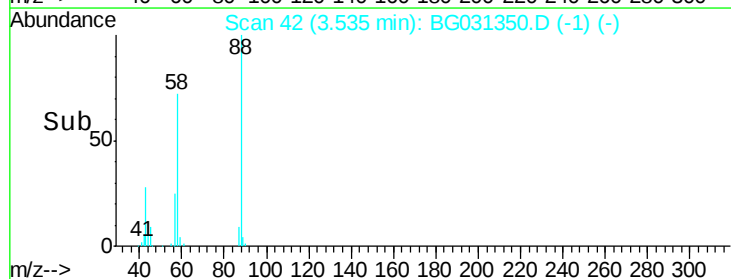
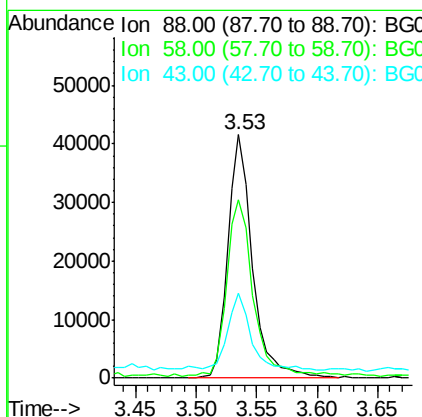
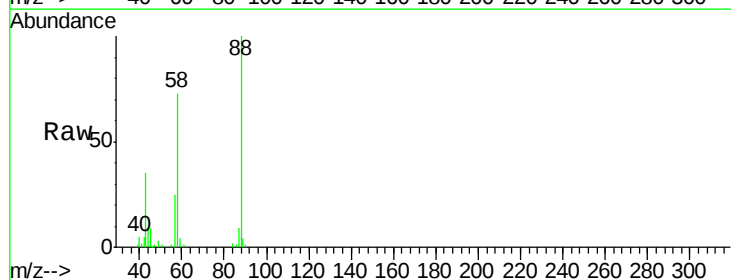
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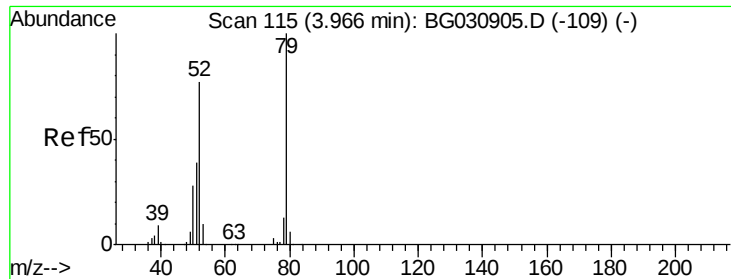


#2

1,4-Dioxane
Concen: 36.75 ng
RT: 3.53 min Scan# 42
Delta R.T. -0.04 min
Lab File: BG031350.D
Acq: 4 Dec 2017 17:23

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.4	79.6	119.4#
43	29.8	27.4	41.0





#3

Pvridine

Concen: 36.16 ng

RT: 3.94 min Scan# 111

Delta R.T. -0.04 min

Lab File: BG031350.D

Acq: 4 Dec 2017 17:23

Instrument :

BNA_G

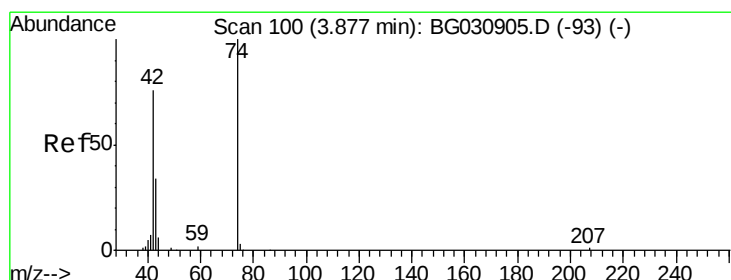
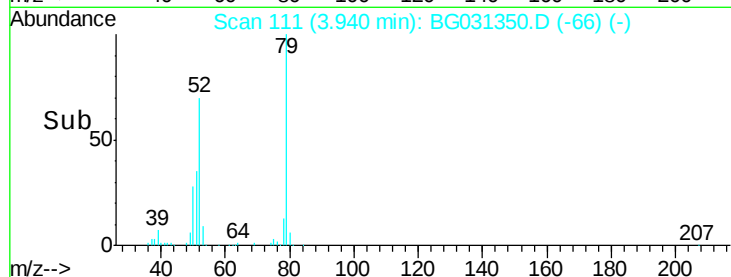
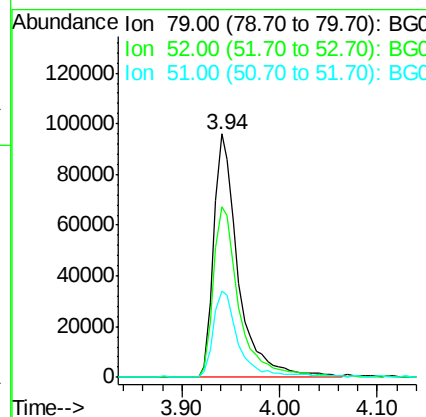
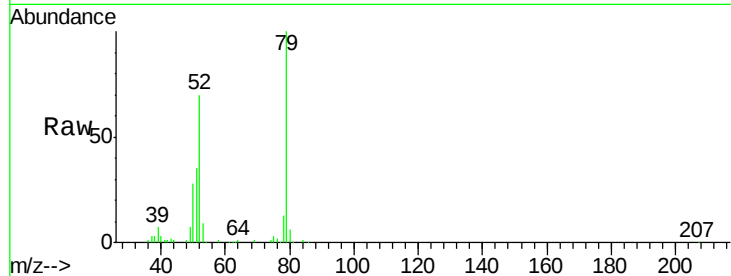
ClientSampleId :

PB104670BS

Tot Ion:	79	Resp:	167847
Ion Ratio	Lower	Upper	
79	100		
52	70.1	69.9	104.9
51	35.5	34.0	51.0

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#4

n-Nitrosodimethylamine

Concen: 38.16 ng

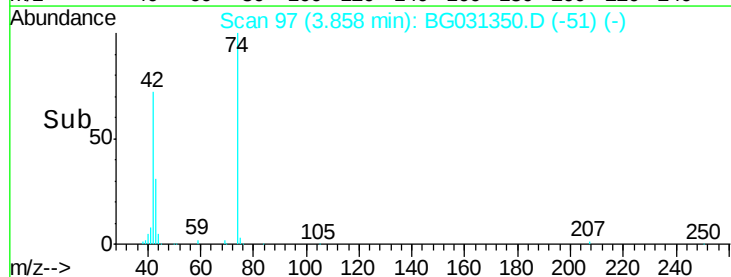
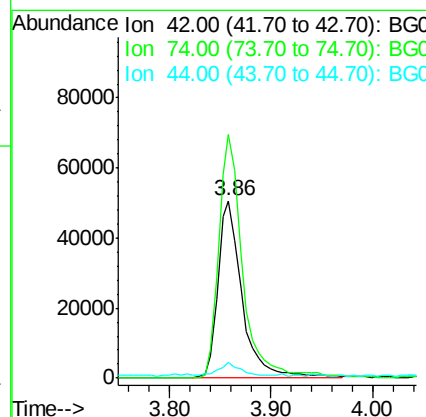
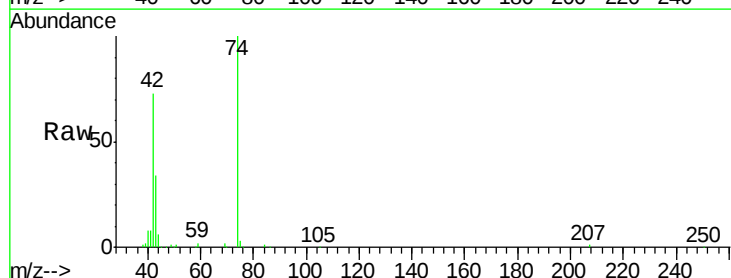
RT: 3.86 min Scan# 97

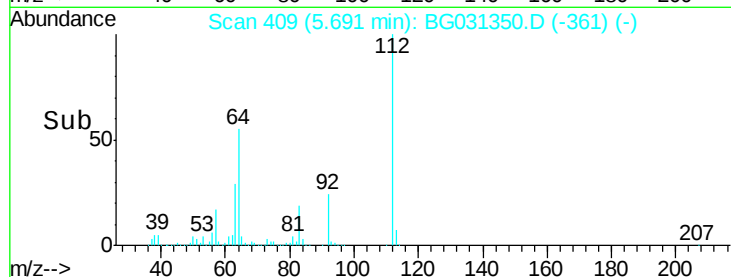
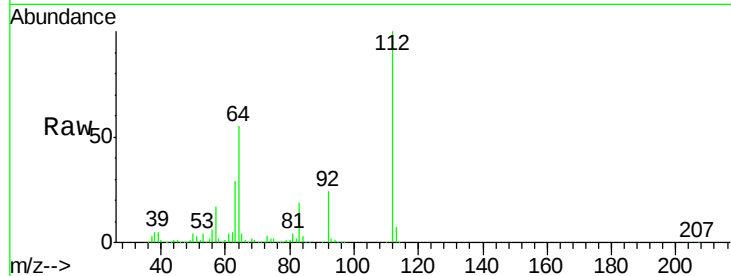
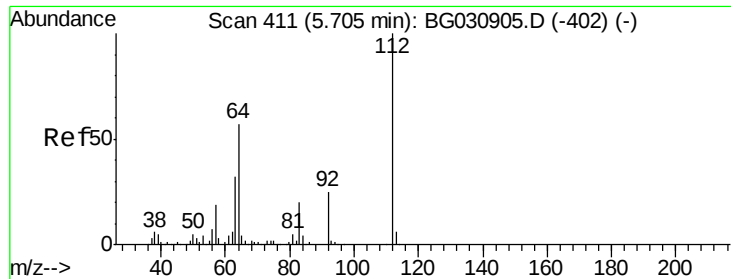
Delta R.T. -0.03 min

Lab File: BG031350.D

Acq: 4 Dec 2017 17:23

Tgt Ion:	42	Resp:	83946
Ion Ratio	Lower	Upper	
42	100		
74	137.5	102.5	153.7
44	8.7	18.9	28.3#





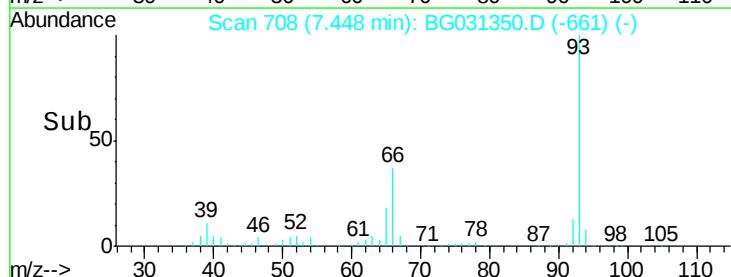
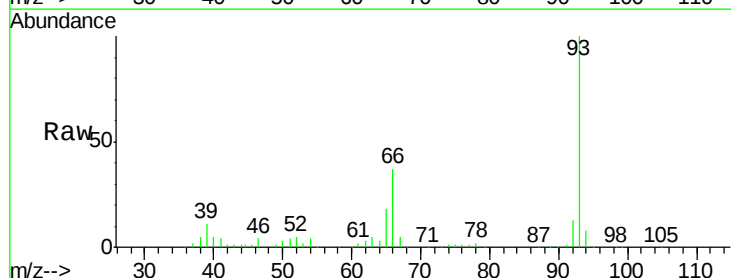
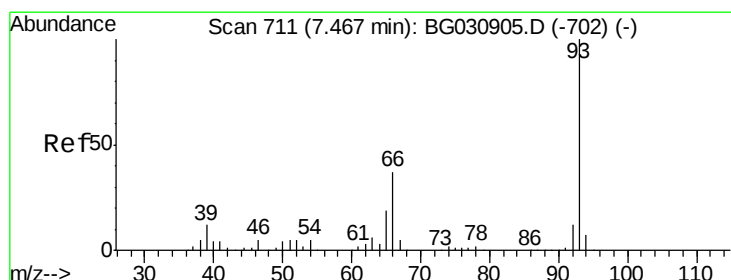
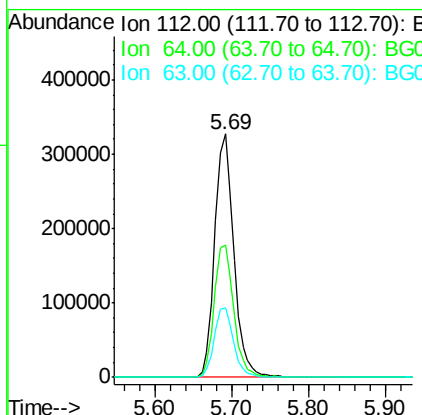
#5
2-Fluorophenol
Concen: 141.95 ng
RT: 5.69 min Scan# 409
Delta R.T. -0.02 min
Lab File: BG031350.D
Acq: 4 Dec 2017 17:23

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	54.5	56.3	84.5#
63	28.6	30.1	45.1#

Instrument :
BNA_G
ClientSampleId :
PB104670BS

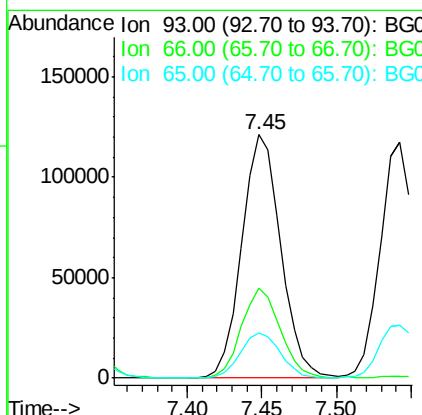
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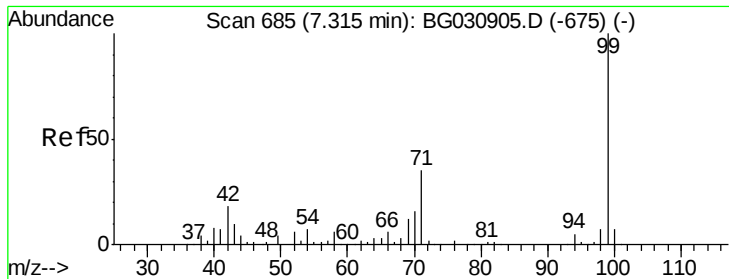
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#6
Aniline
Concen: 31.30 ng
RT: 7.45 min Scan# 708
Delta R.T. -0.02 min
Lab File: BG031350.D
Acq: 4 Dec 2017 17:23

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	36.9	33.7	50.5
65	18.4	16.1	24.1





#7

Phenol-d6

Concen: 135.67 ng

RT: 7.30 min Scan# 683

Delta R.T. -0.01 min

Lab File: BG031350.D

Acq: 4 Dec 2017 17:23

Instrument :

BNA_G

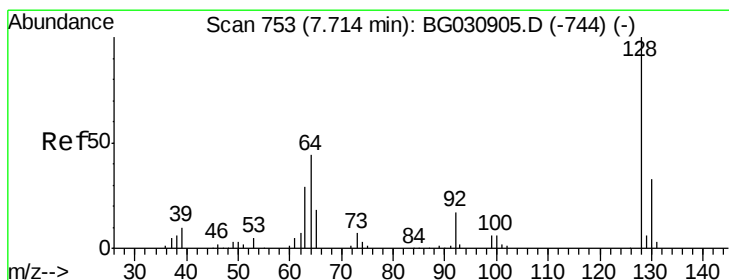
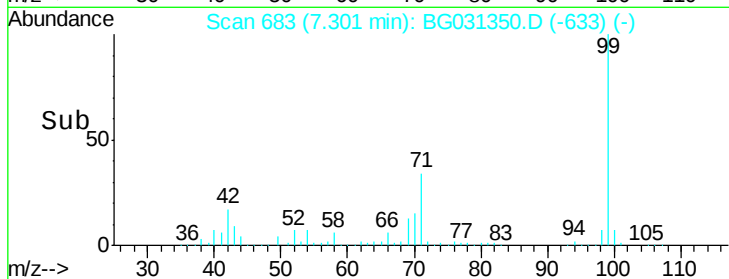
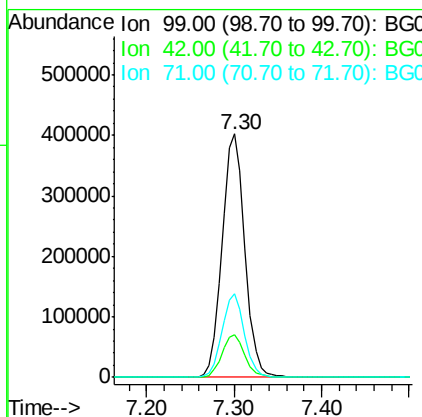
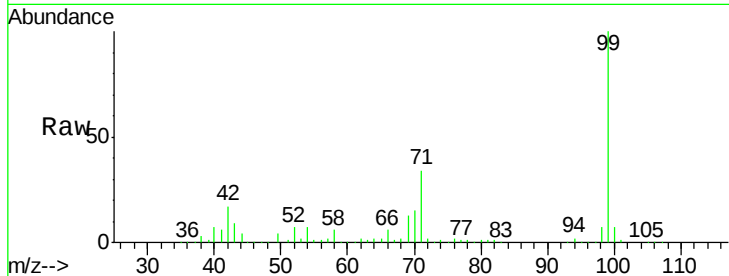
ClientSampleId :

PB104670BS

Tot Ion:	99	Resp:	720227
Ion Ratio	Lower	Upper	
99	100		
42	17.3	14.1	21.1
71	34.4	26.1	39.1

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#8

2-Chlorophenol

Concen: 49.74 ng

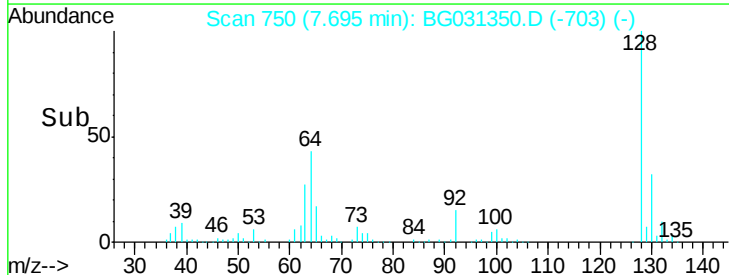
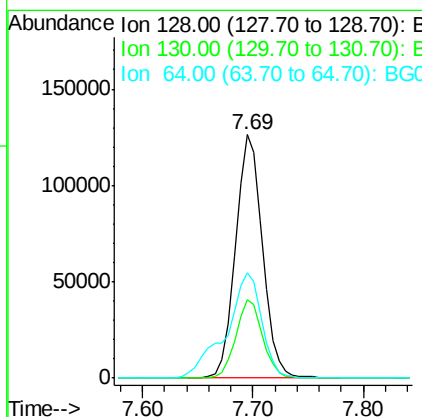
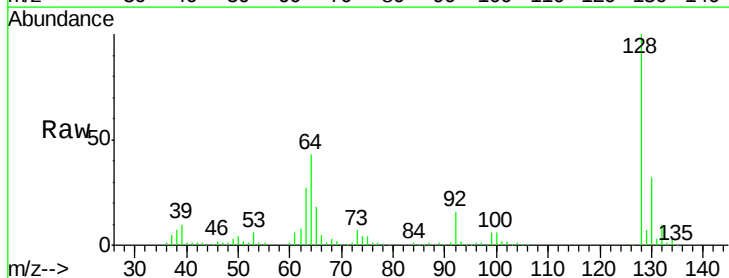
RT: 7.69 min Scan# 750

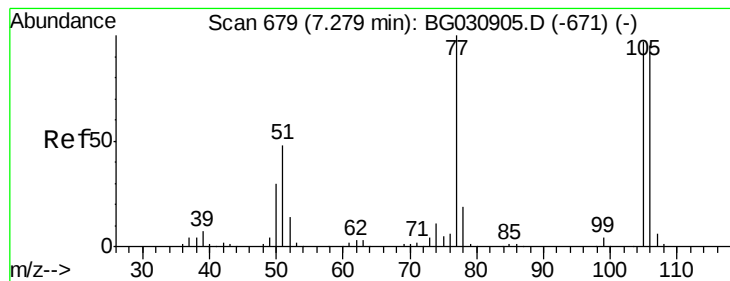
Delta R.T. -0.02 min

Lab File: BG031350.D

Acq: 4 Dec 2017 17:23

Tgt Ion:	128	Resp:	216299
Ion Ratio	Lower	Upper	
128	100		
130	32.3	14.0	54.0
64	43.3	37.7	77.7





#9

Benzaldehyde

Concen: 21.18 ng/mL

RT: 7.27 min Scan# 677

Delta R.T. -0.02 min

Lab File: BG031350.D

Acq: 4 Dec 2017 17:23

Instrument :

BNA_G

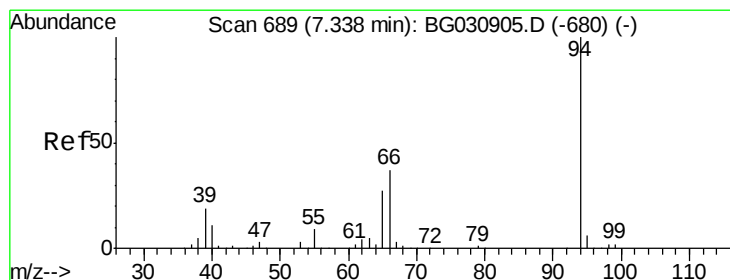
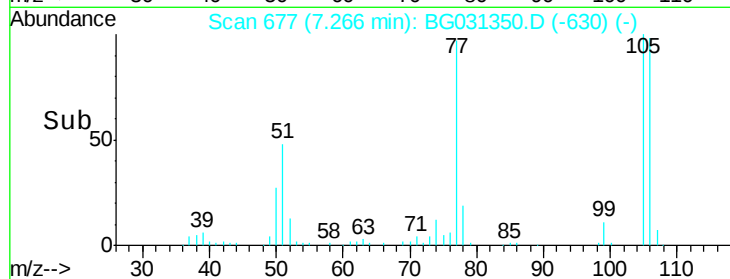
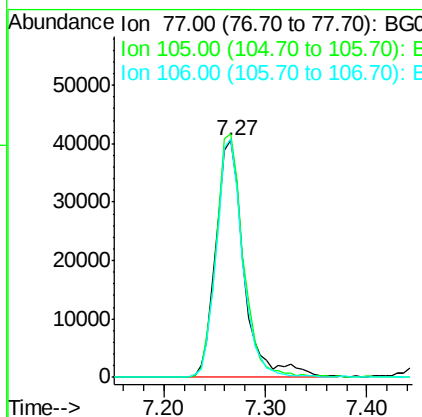
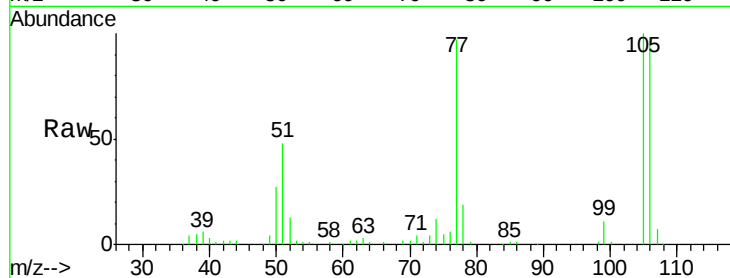
ClientSampleID :

PB104670BS

Tot Ion:	77	Resp:	78666
Ion	Ratio	Lower	Upper
77	100		
105	102.7	71.3	111.3
106	100.6	64.2	104.2

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#10

Phenol

Concen: 49.09 ng/mL

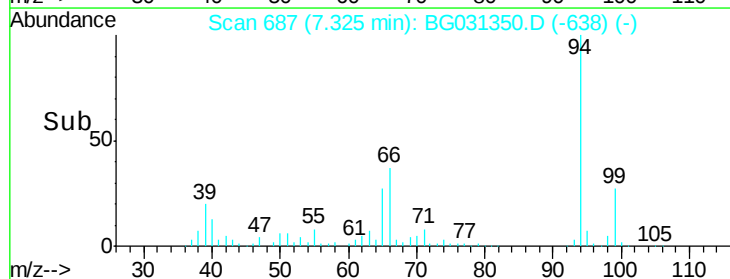
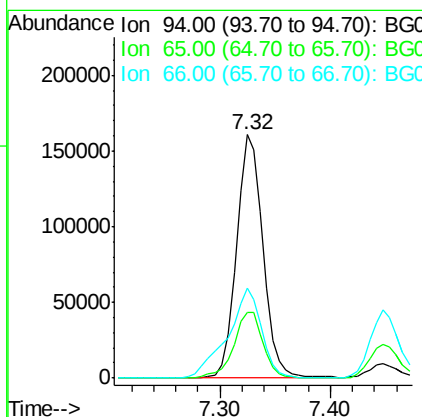
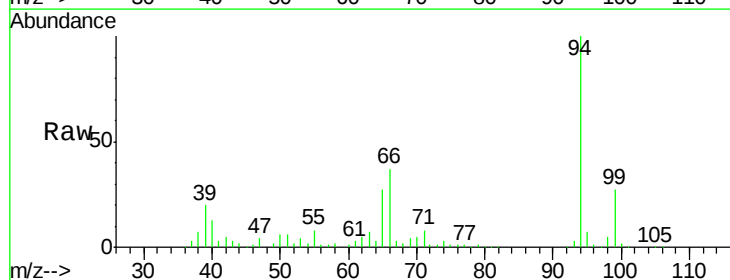
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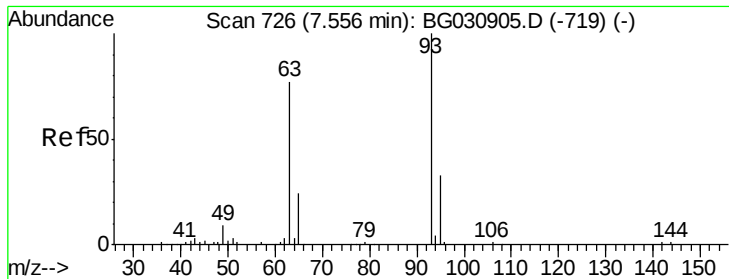
Delta R.T. -0.01 min

Lab File: BG031350.D

Acq: 4 Dec 2017 17:23

Tgt Ion:	94	Resp:	270648
Ion	Ratio	Lower	Upper
94	100		
65	26.9	11.9	51.9
66	36.9	22.2	62.2





#11

bis(2-Chloroethyl)ether

Concen: 43.16 ng

RT: 7.54 min Scan# 724

Delta R.T. -0.02 min

Lab File: BG031350.D

Acq: 4 Dec 2017 17:23

Instrument :

BNA_G

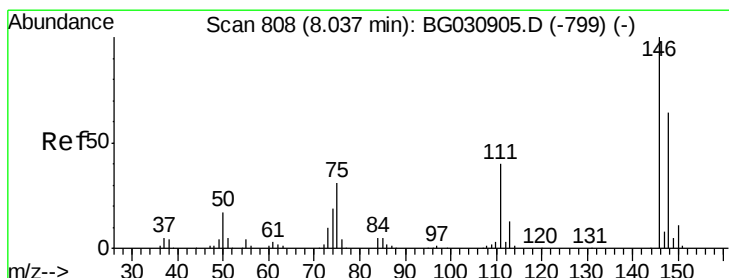
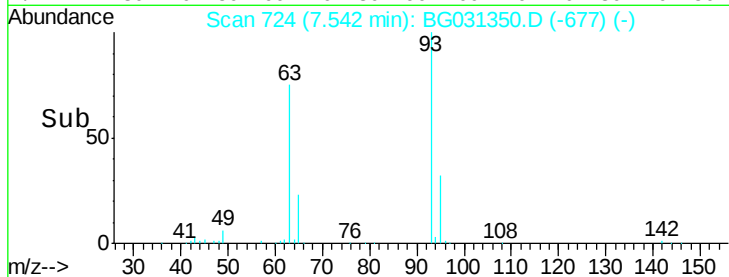
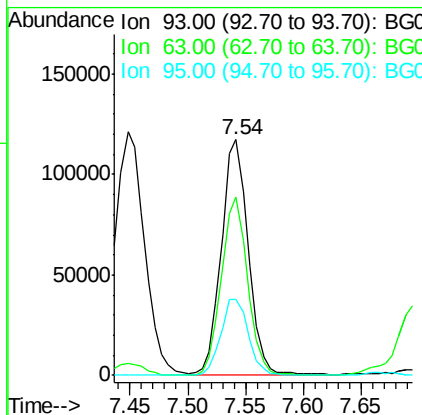
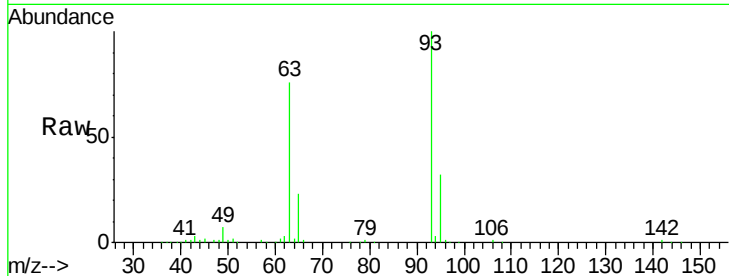
ClientSampleId :

PB104670BS

Tot Ion:	93	Resp:	189982
Ion	Ratio	Lower	Upper
93	100		
63	75.7	67.1	107.1
95	32.4	11.5	51.5

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#12

1,3-Dichlorobenzene

Concen: 43.77 ng

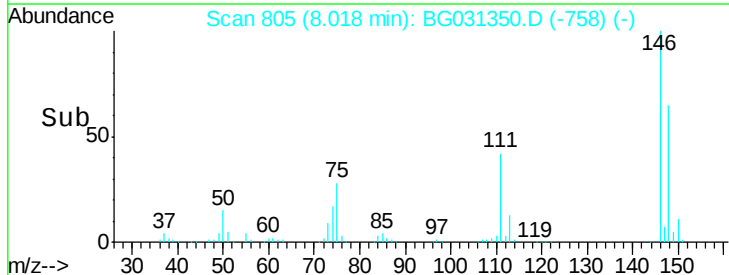
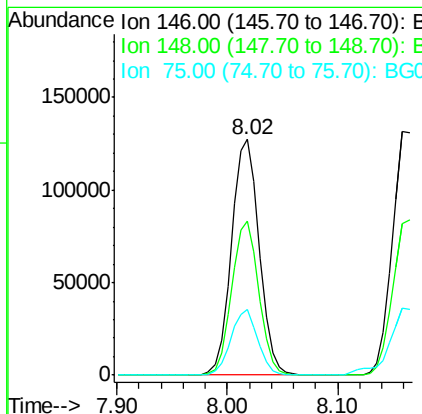
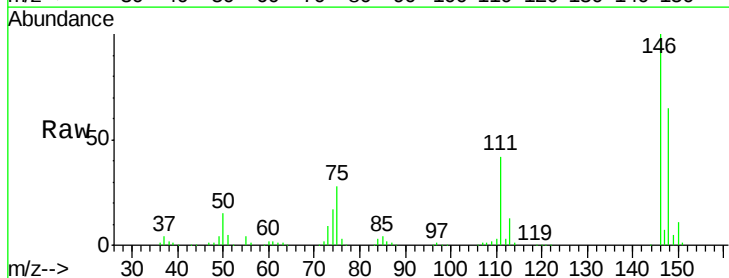
RT: 8.02 min Scan# 805

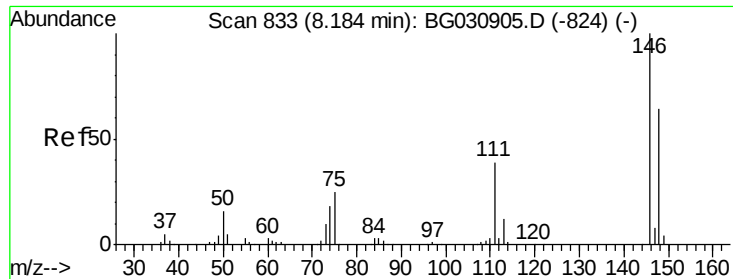
Delta R.T. -0.02 min

Lab File: BG031350.D

Acq: 4 Dec 2017 17:23

Tgt Ion:	146	Resp:	223318
Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.4	77.2
75	28.0	26.6	39.8





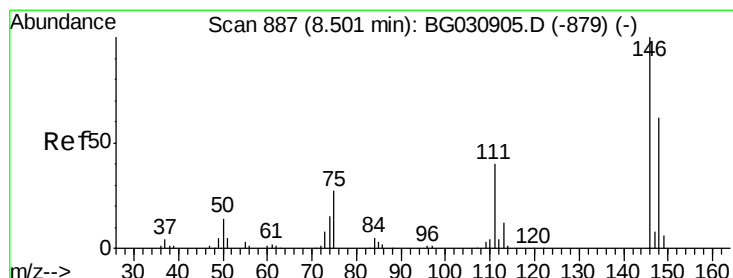
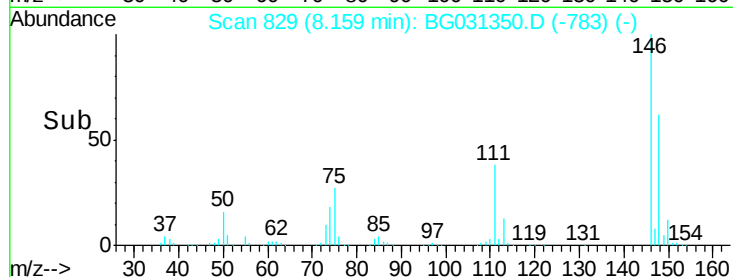
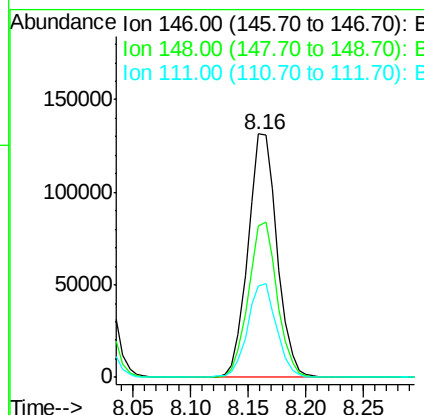
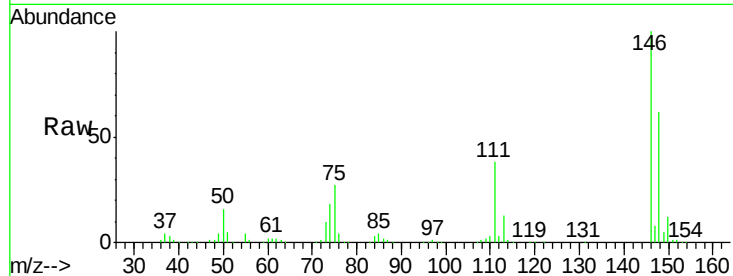
#13
 1,4-Dichlorobenzene
 Concen: 44.49 ng
 RT: 8.16 min Scan# 829
 Delta R.T. -0.03 min
 Lab File: BG031350.D
 Acq: 4 Dec 2017 17:23

Instrument :
 BNA_G
 ClientSampleId :
 PB104670BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.3	53.7	80.5
111	37.6	35.2	52.8

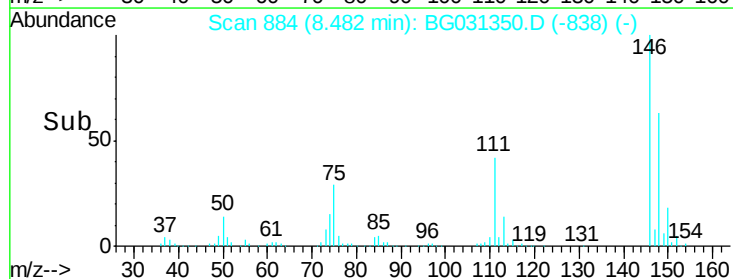
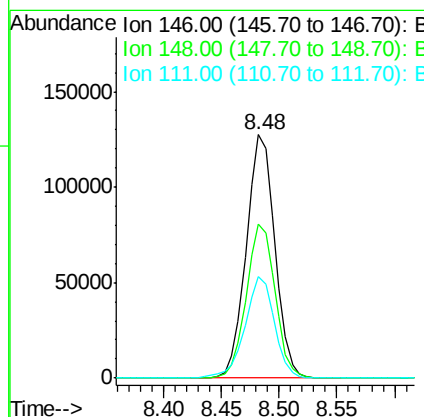
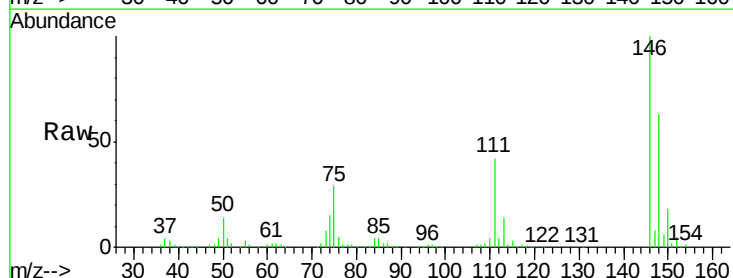
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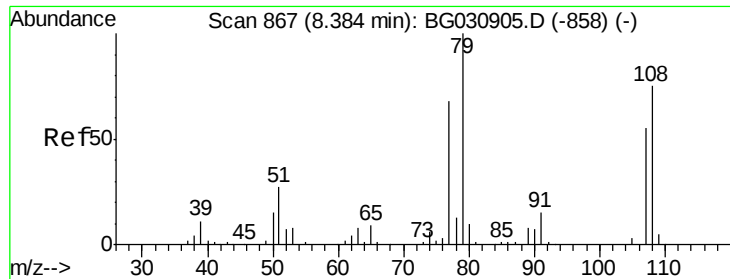
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#14
 1,2-Dichlorobenzene
 Concen: 44.24 ng
 RT: 8.48 min Scan# 884
 Delta R.T. -0.03 min
 Lab File: BG031350.D
 Acq: 4 Dec 2017 17:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	49.3	73.9
111	41.6	34.3	51.5





#15

Benzyl Alcohol

Concen: 42.38 ng

RT: 8.37 min Scan# 865

Delta R.T. -0.02 min

Lab File: BG031350.D

Acq: 4 Dec 2017 17:23

Instrument :

BNA_G

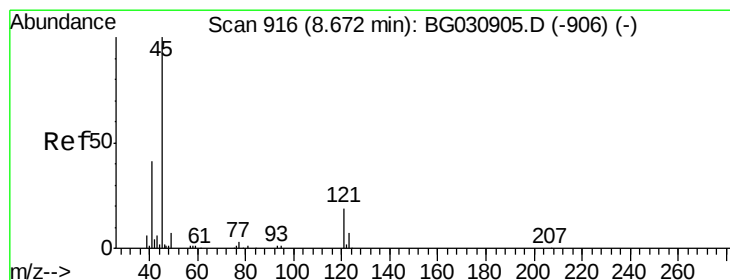
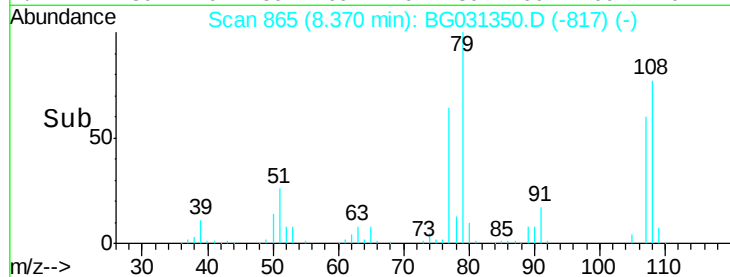
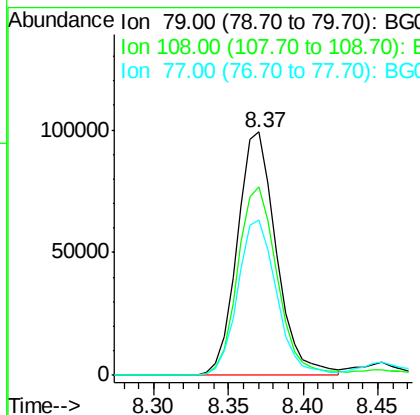
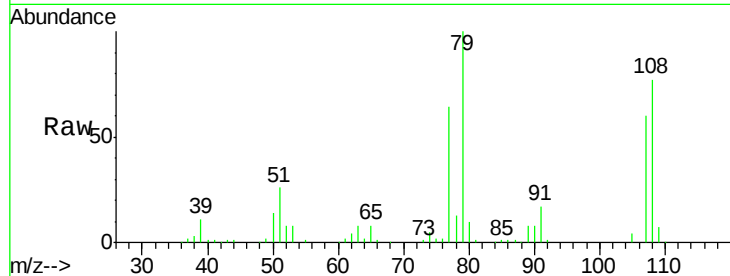
ClientSampleId :

PB104670BS

Tot Ion:	79	Resp:	180454
Ion Ratio	Lower	Upper	
79	100		
108	77.3	57.2	85.8
77	63.8	46.1	69.1

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#16

2,2'-oxybis(1-chloropropane)

Concen: 56.50 ng

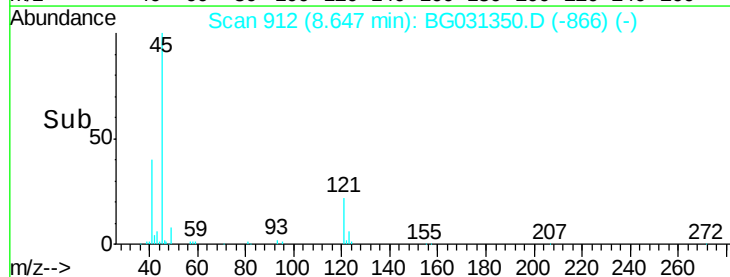
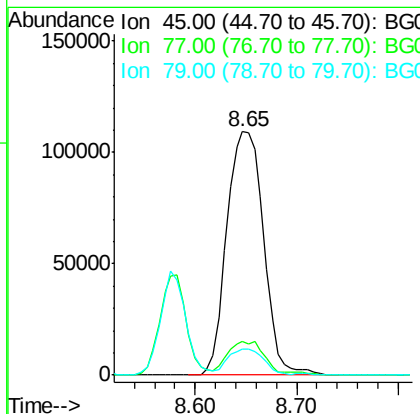
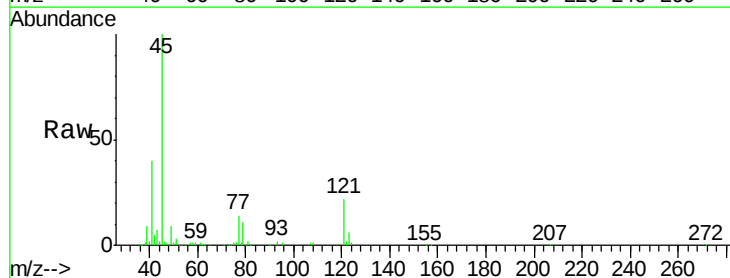
RT: 8.65 min Scan# 912

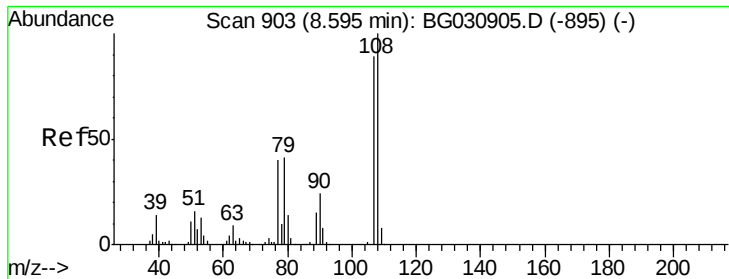
Delta R.T. -0.03 min

Lab File: BG031350.D

Acq: 4 Dec 2017 17:23

Tgt Ion:	45	Resp:	274720
Ion Ratio	Lower	Upper	
45	100		
77	13.9	0.0	30.2
79	10.6	0.0	27.9





#17

2-Methylphenol

Concen: 48.45 ng

RT: 8.58 min Scan# 900

Delta R.T. -0.02 min

Lab File: BG031350.D

Acq: 4 Dec 2017 17:23

Instrument :

BNA_G

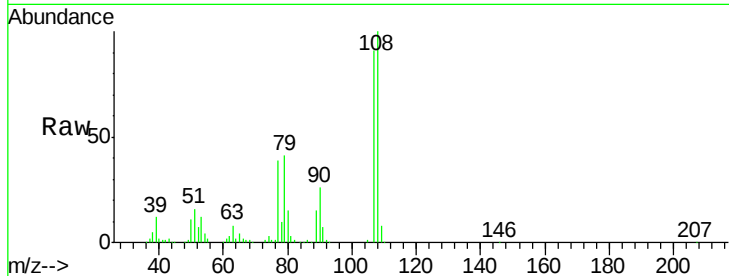
ClientSampleId :

PB104670BS

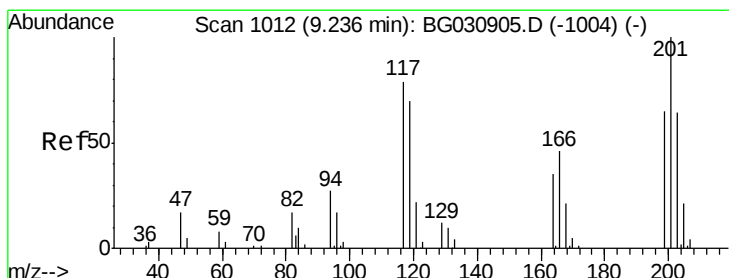
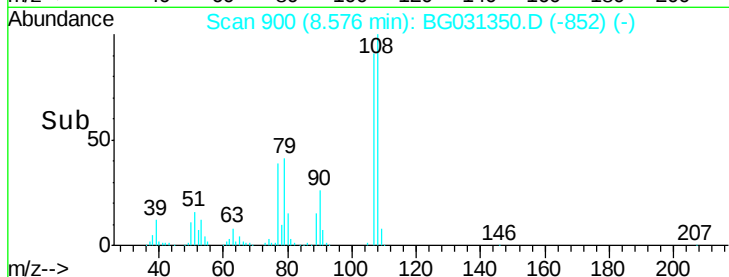
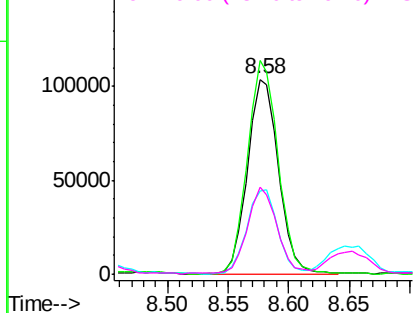
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.5	83.9	125.9	
77	42.7	37.2	55.8	
79	44.8	36.2	54.2	

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Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 43.34 ng

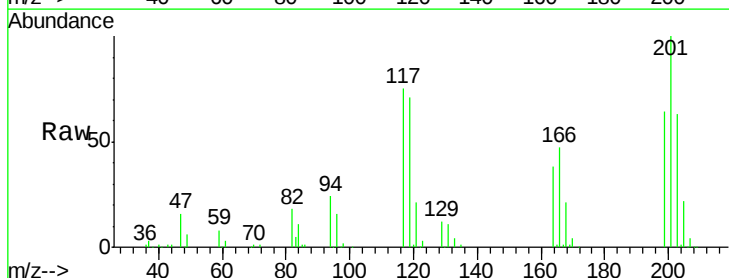
RT: 9.21 min Scan# 1008

Delta R.T. -0.04 min

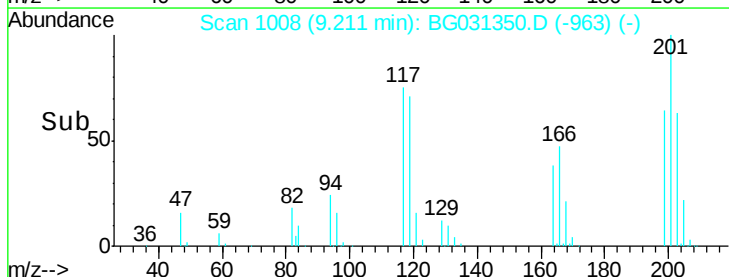
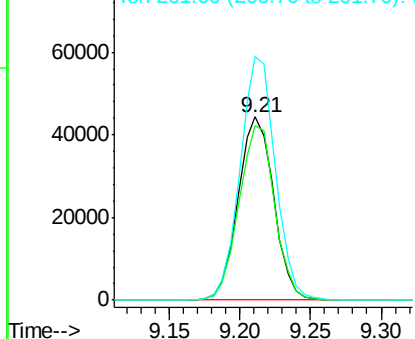
Lab File: BG031350.D

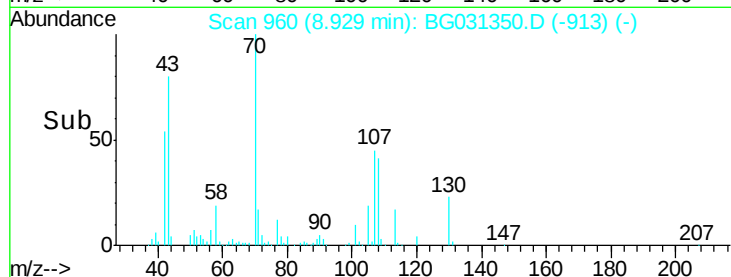
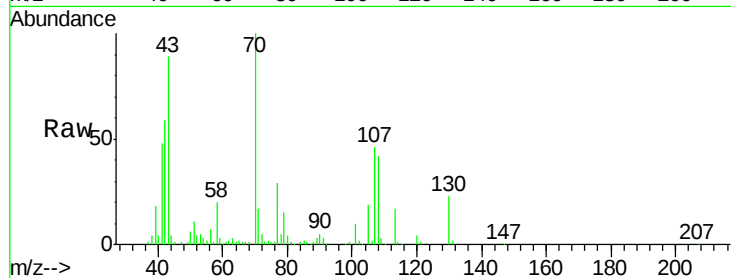
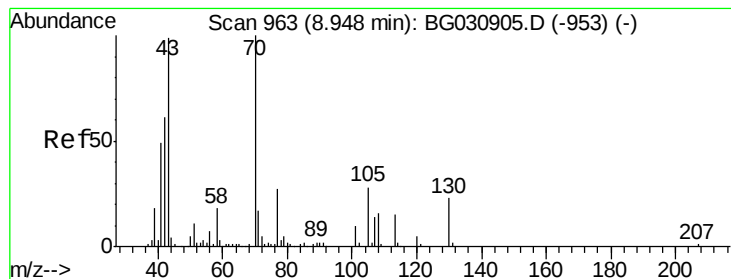
Acq: 4 Dec 2017 17:23

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.1	76.7	115.1	
201	133.1	95.7	143.5	



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 37.64 ng

RT: 8.93 min Scan# 960

Delta R.T. -0.02 min

Lab File: BG031350.D

Acq: 4 Dec 2017 17:23

Instrument :

BNA_G

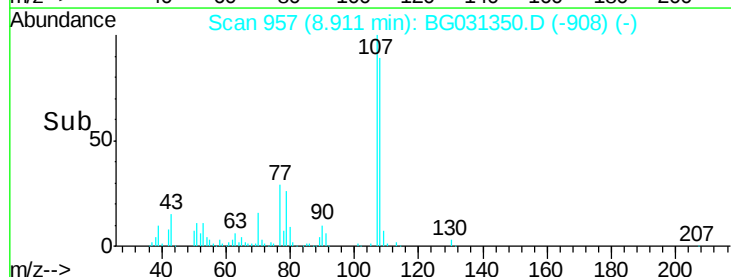
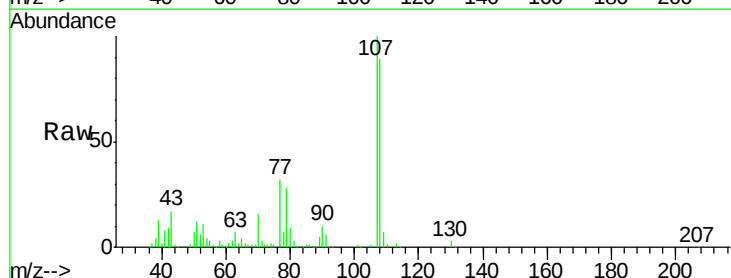
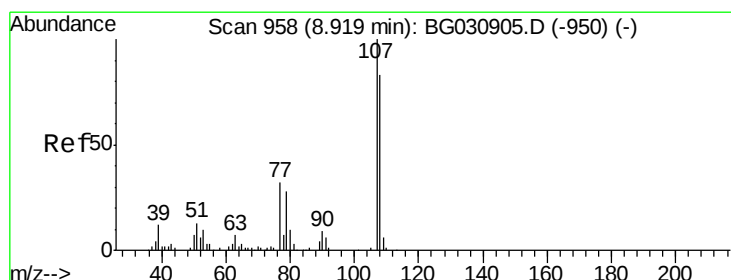
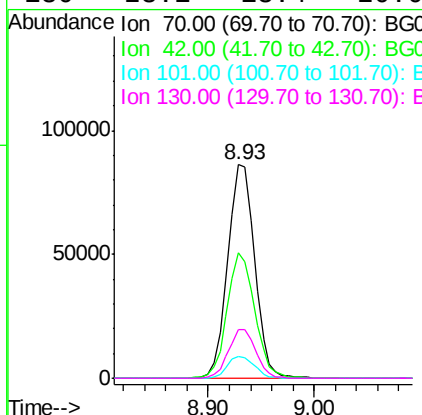
ClientSampleId :

PB104670BS

Tot Ion:	70	Resp:	151920
Ion Ratio	Lower	Upper	
70	100		
42	58.7	49.1	73.7
101	10.0	8.5	12.7
130	23.1	13.4	20.0#

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#20

3+4-Methylphenols

Concen: 46.47 ng

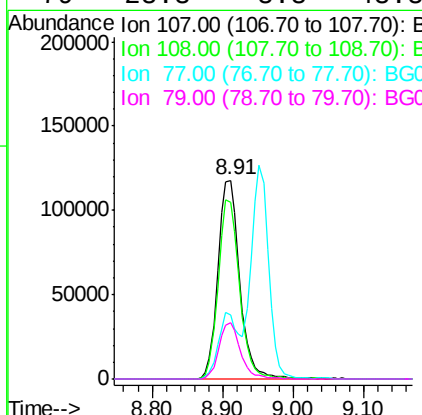
RT: 8.91 min Scan# 957

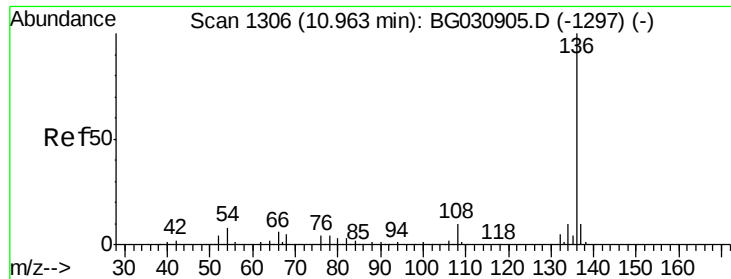
Delta R.T. -0.01 min

Lab File: BG031350.D

Acq: 4 Dec 2017 17:23

Tgt Ion:	107	Resp:	253675
Ion Ratio	Lower	Upper	
107	100		
108	88.9	61.6	101.6
77	32.1	13.9	53.9
79	28.3	8.8	48.8





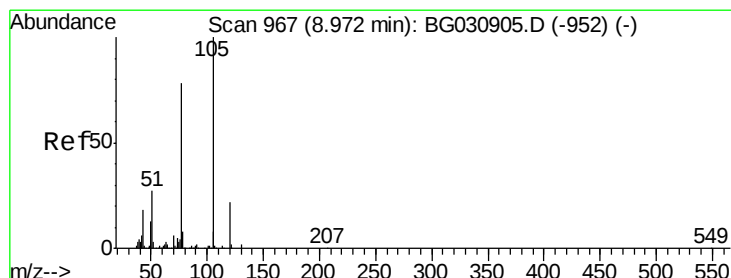
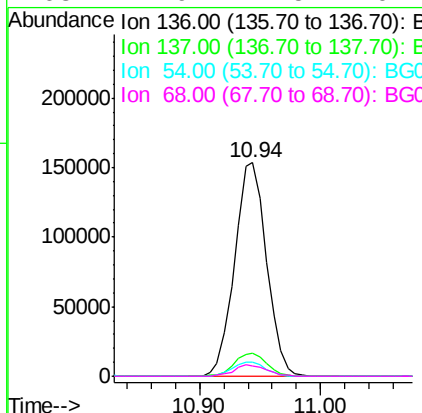
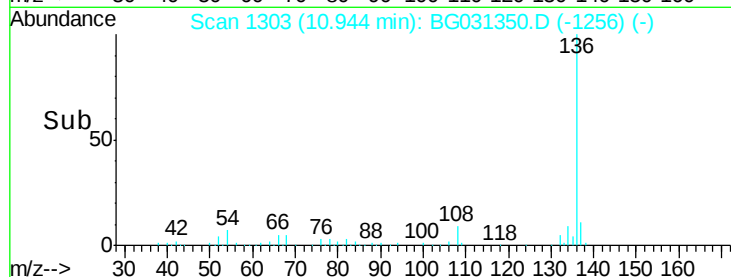
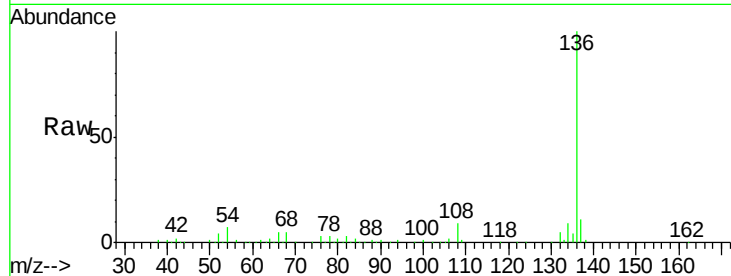
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.94 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BG031350.D
Acq: 4 Dec 2017 17:23

Instrument :
BNA_G
ClientSampleId :
PB104670BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	282284		
137	10.6		9.2	13.8
54	6.8		10.3	15.5#
68	4.9		4.5	6.7

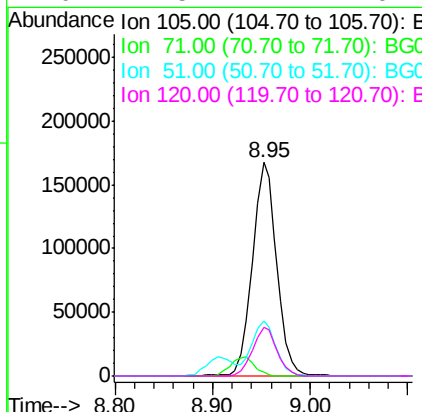
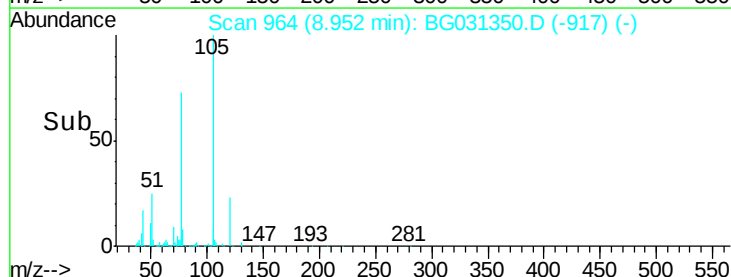
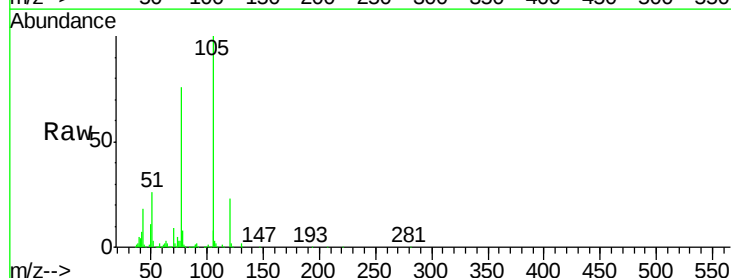
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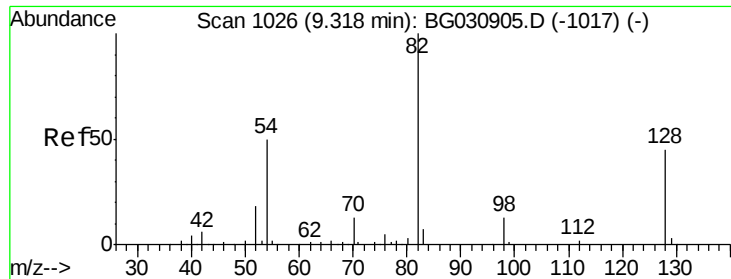
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#22
Acetophenone
Concen: 41.75 ng
RT: 8.95 min Scan# 964
Delta R.T. -0.02 min
Lab File: BG031350.D
Acq: 4 Dec 2017 17:23

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	293423		
71	1.7		3.0	4.4#
51	25.9		26.1	39.1#
120	22.5		17.4	26.2





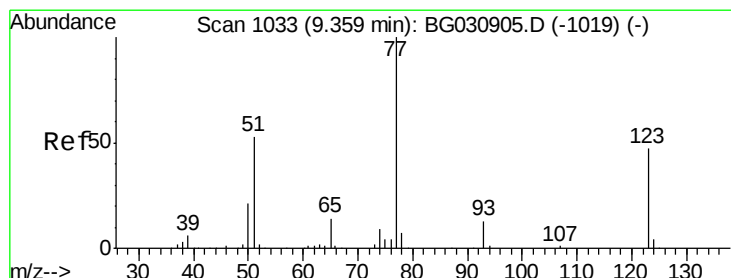
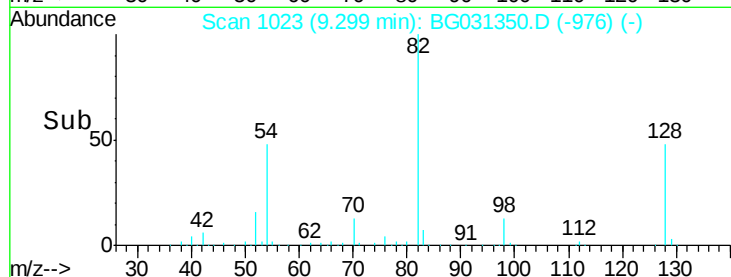
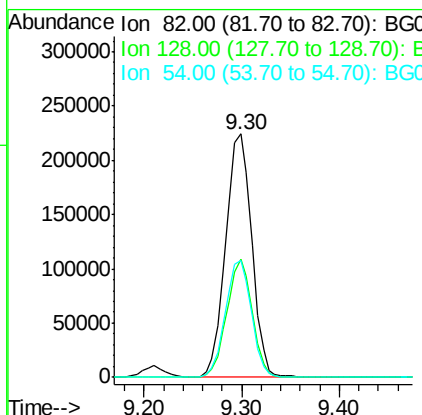
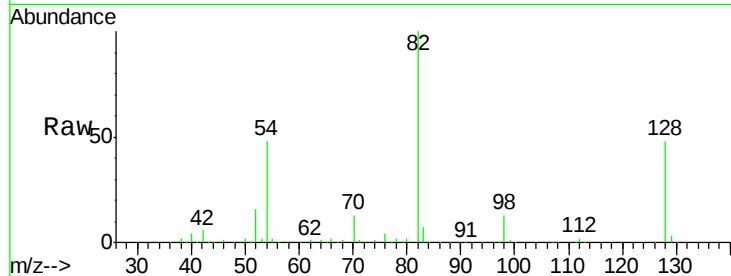
#23
Nitrobenzene-d5
Concen: 87.44 ng
RT: 9.30 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BG031350.D
Acq: 4 Dec 2017 17:23

Instrument :
BNA_G
ClientSampleId :
PB104670BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	48.5	29.7	44.5#	
54	48.2	43.1	64.7	

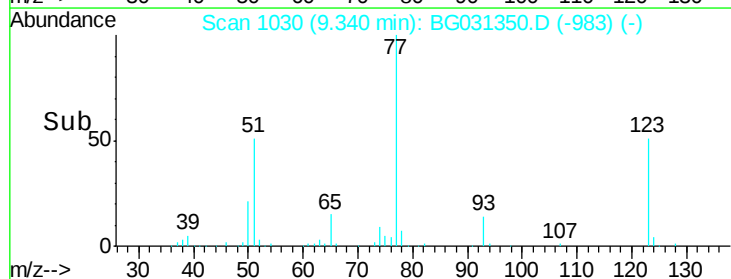
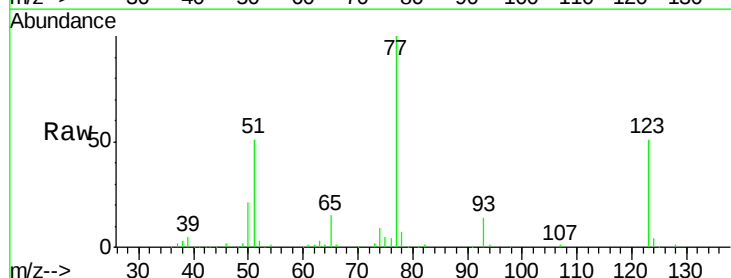
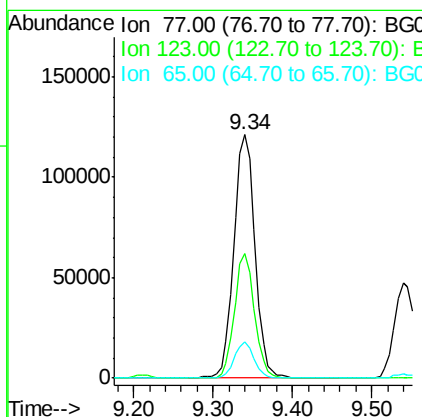
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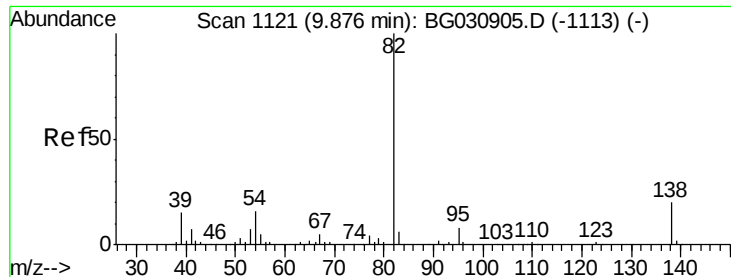
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#24
Nitrobenzene
Concen: 45.98 ng
RT: 9.34 min Scan# 1030
Delta R.T. -0.02 min
Lab File: BG031350.D
Acq: 4 Dec 2017 17:23

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	51.3	33.0	49.6#	
65	15.0	13.0	19.6	





#25

Isophorone

Concen: 45.88 ng

RT: 9.86 min Scan# 1119

Delta R.T. -0.02 min

Lab File: BG031350.D

Acq: 4 Dec 2017 17:23

Instrument :

BNA_G

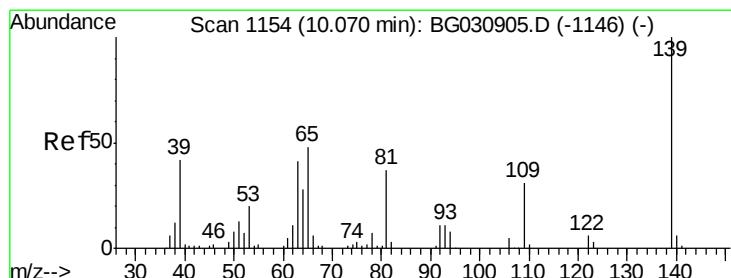
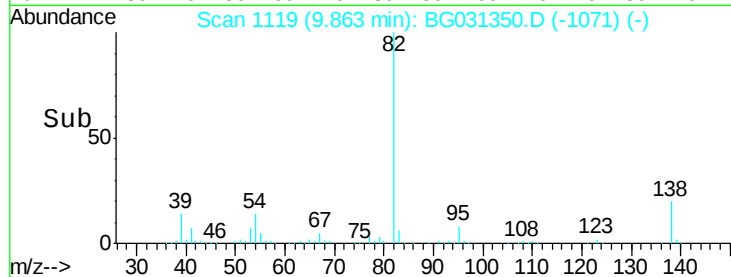
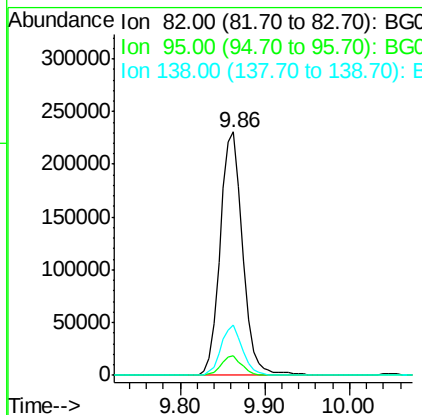
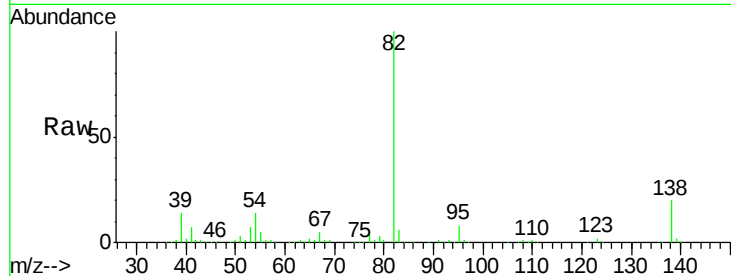
ClientSampleId :

PB104670BS

Tot Ion:	82	Resp:	426281
Ion Ratio		Lower	Upper
82	100		
95	7.8	6.2	9.2
138	20.5	12.1	18.1#

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#26

2-Nitrophenol

Concen: 49.14 ng

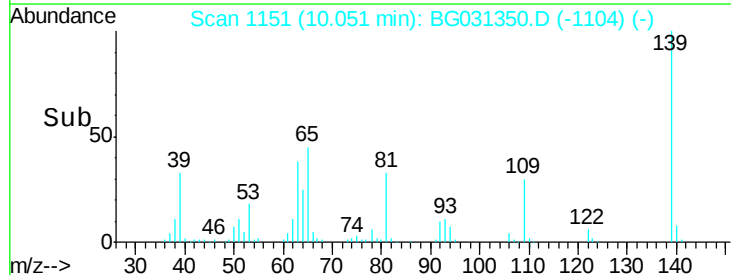
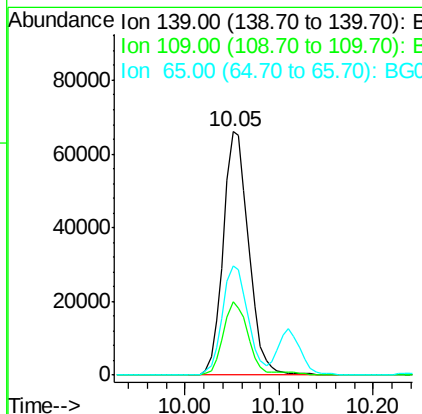
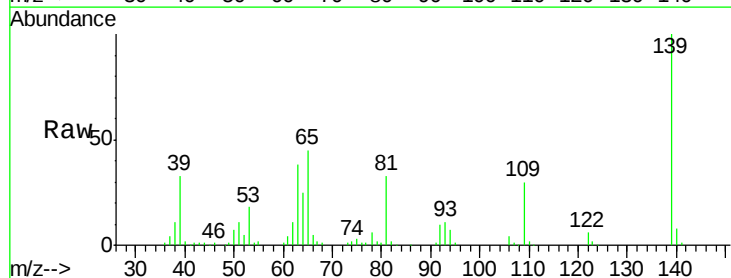
RT: 10.05 min Scan# 1151

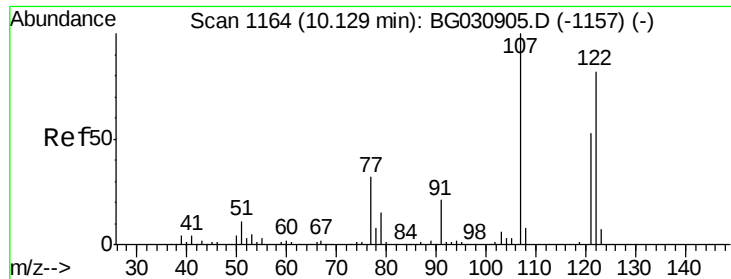
Delta R.T. -0.02 min

Lab File: BG031350.D

Acq: 4 Dec 2017 17:23

Tgt Ion:	139	Resp:	124646
Ion Ratio		Lower	Upper
139	100		
109	30.0	24.2	36.2
65	45.0	47.4	71.0#





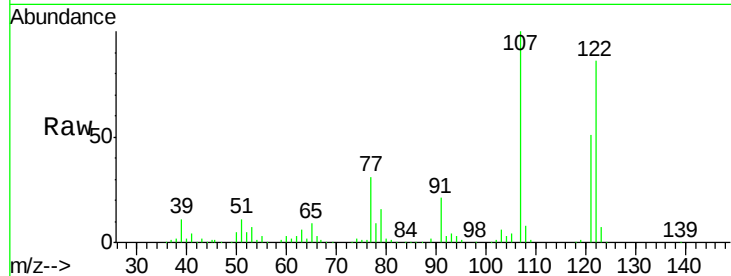
#27
 2,4-Dimethylphenol
 Concen: 55.78 ng
 RT: 10.11 min Scan# 1161
 Delta R.T. -0.02 min
 Lab File: BG031350.D
 Acq: 4 Dec 2017 17:23

Instrument :
 BNA_G
 ClientSampleId :
 PB104670BS

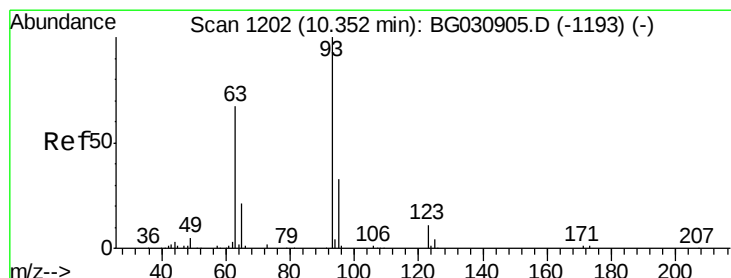
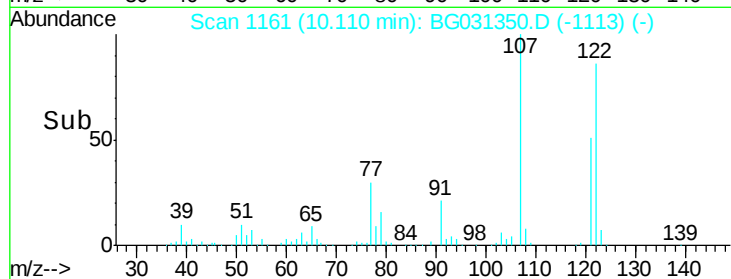
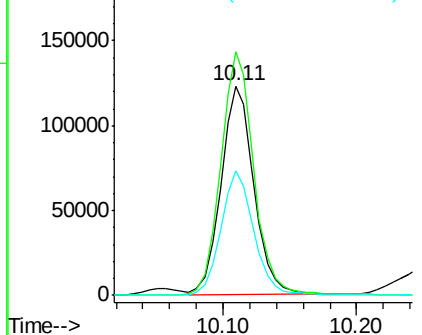
Tot Ion:	122	Resp:	210050
Ion Ratio	Lower	Upper	
122	100		
107	116.4	100.2	150.2
121	59.6	44.4	66.6

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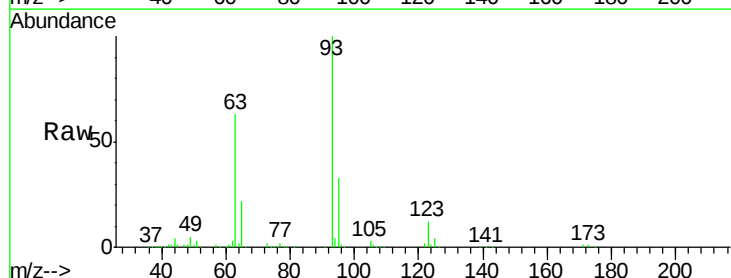


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

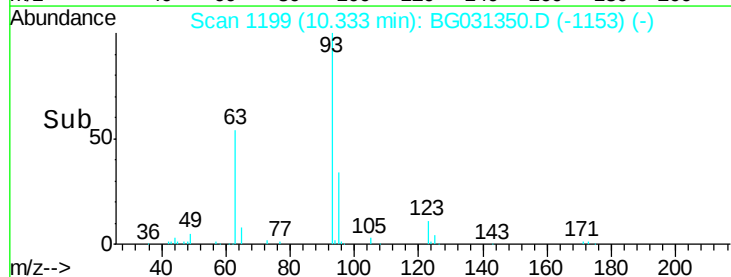
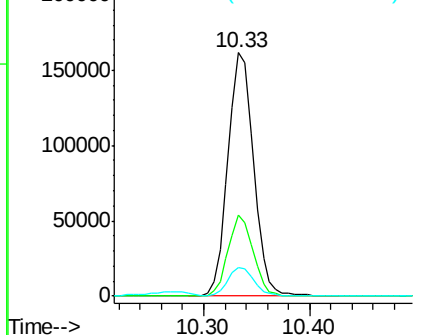


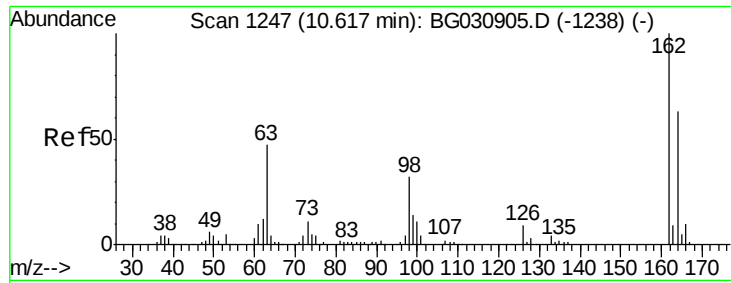
#28
 bis(2-Chloroethoxy)methane
 Concen: 46.58 ng
 RT: 10.33 min Scan# 1199
 Delta R.T. -0.03 min
 Lab File: BG031350.D
 Acq: 4 Dec 2017 17:23

Tgt Ion:	93	Resp:	272564
Ion Ratio	Lower	Upper	
93	100		
95	33.0	24.3	36.5
123	11.5	8.4	12.6



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 54.15 ng

RT: 10.60 min Scan# 1244

Delta R.T. -0.02 min

Lab File: BG031350.D

Acq: 4 Dec 2017 17:23

Instrument :

BNA_G

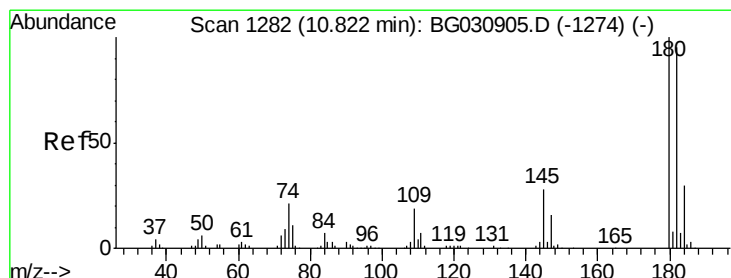
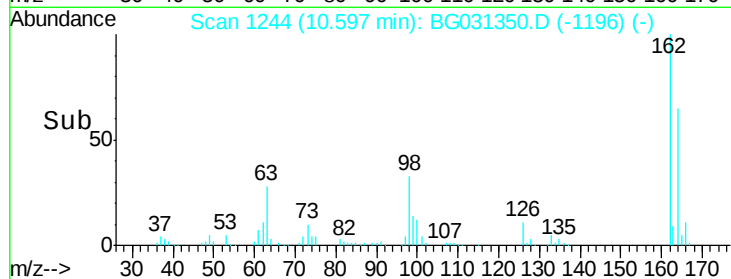
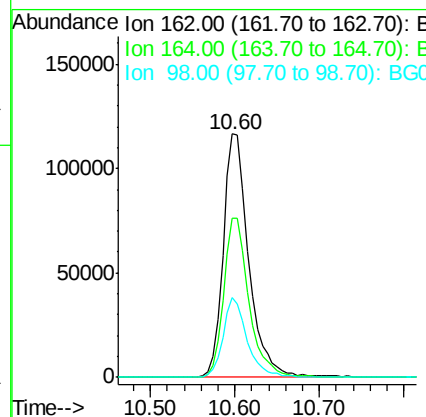
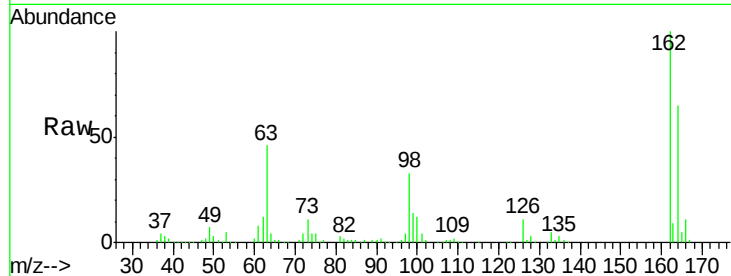
ClientSampleId :

PB104670BS

Tot Ion:	162	Resp:	244861
Ion Ratio	Lower	Upper	
162	100		
164	65.3	48.0	88.0
98	32.6	21.1	61.1

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#30

1,2,4-Trichlorobenzene

Concen: 47.84 ng

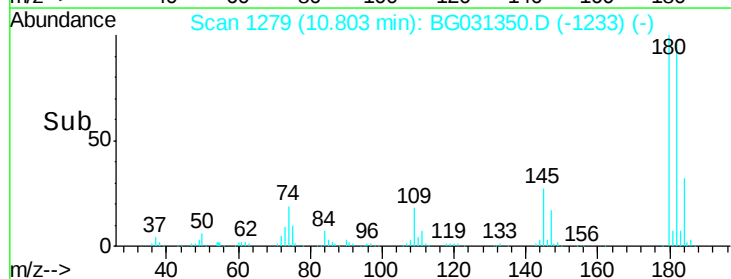
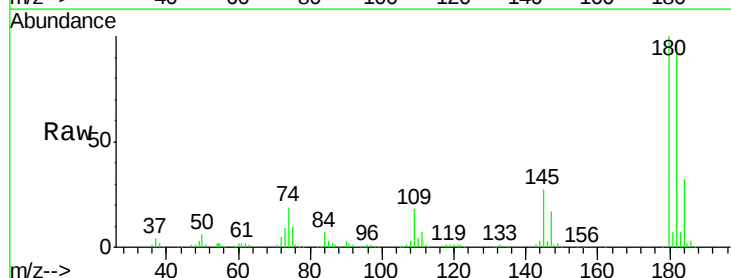
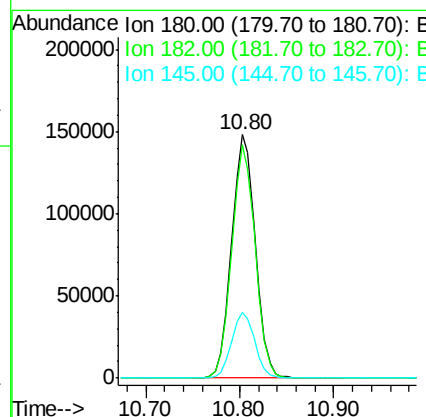
RT: 10.80 min Scan# 1279

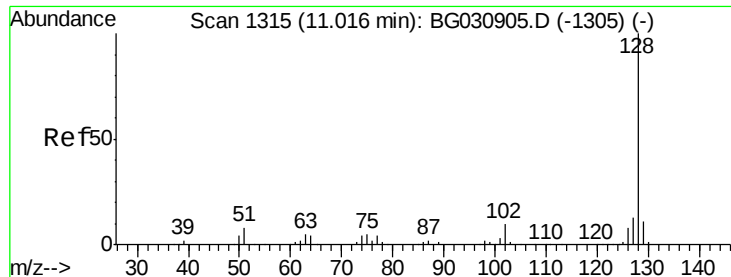
Delta R.T. -0.03 min

Lab File: BG031350.D

Acq: 4 Dec 2017 17:23

Tgt Ion:	180	Resp:	258265
Ion Ratio	Lower	Upper	
180	100		
182	96.0	77.5	116.3
145	26.9	23.4	35.2





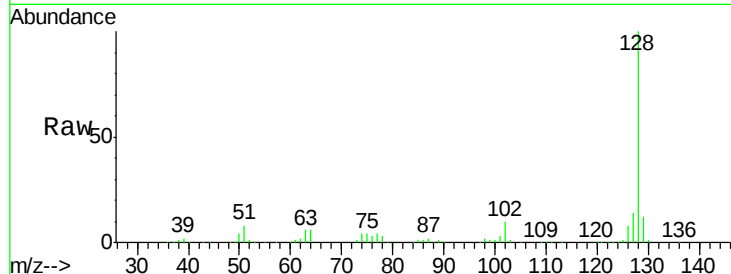
#31
Naphthalene
Concen: 46.06 ng
RT: 10.99 min Scan# 1311
Delta R.T. -0.03 min
Lab File: BG031350.D
Acq: 4 Dec 2017 17:23

Instrument :
BNA_G
ClientSampleId :
PB104670BS

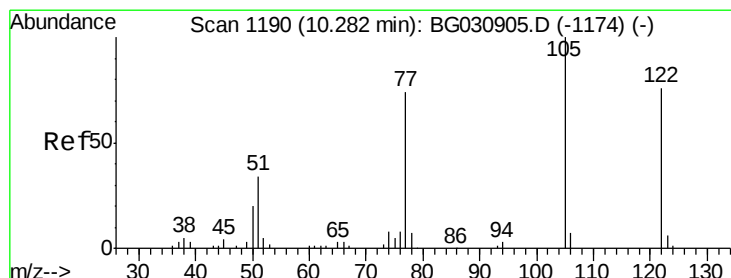
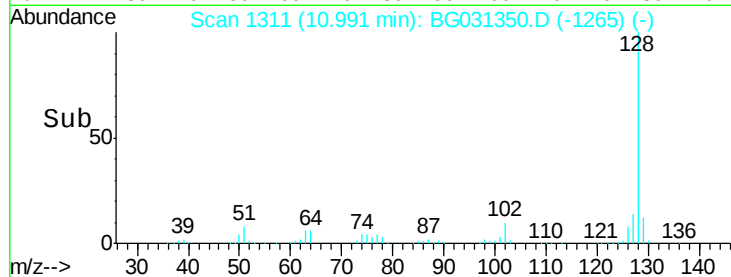
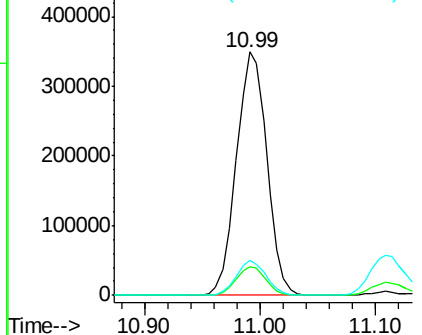
Tot Ion	Ratio	Resp	Lower	Upper
128	100	639191		
129	11.8	8.6	12.8	
127	14.4	11.6	17.4	

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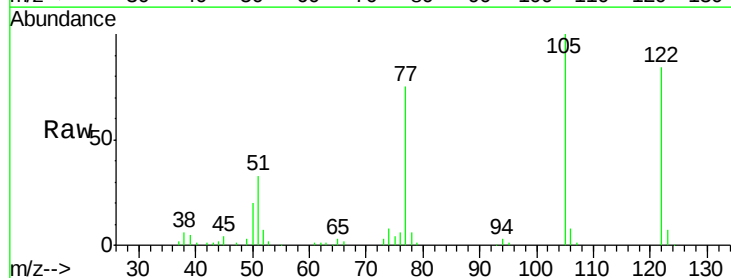


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

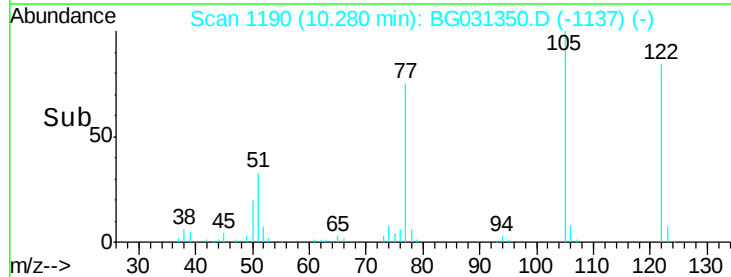
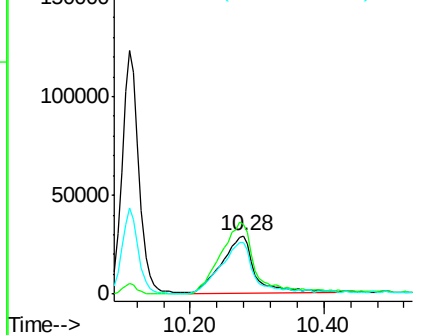


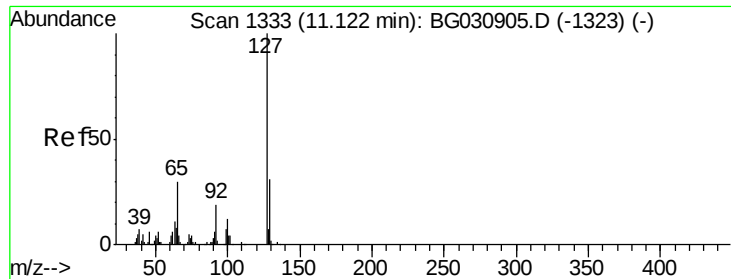
#32
Benzoic acid
Concen: 34.12 ng
RT: 10.28 min Scan# 1190
Delta R.T. 0.01 min
Lab File: BG031350.D
Acq: 4 Dec 2017 17:23

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	101206		
105	119.2	123.5	163.5#	
77	89.0	85.7	125.7	



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG





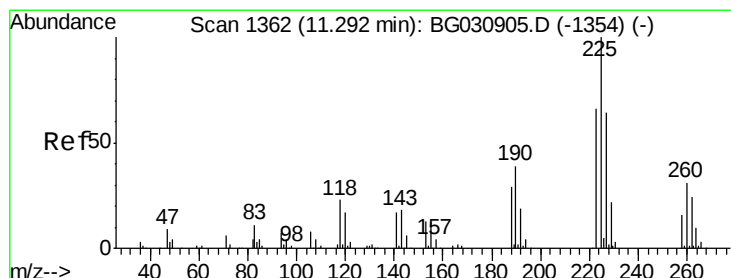
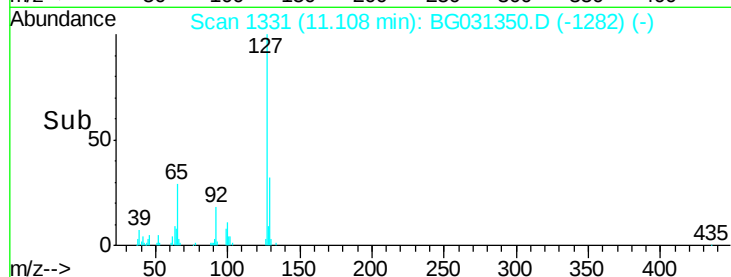
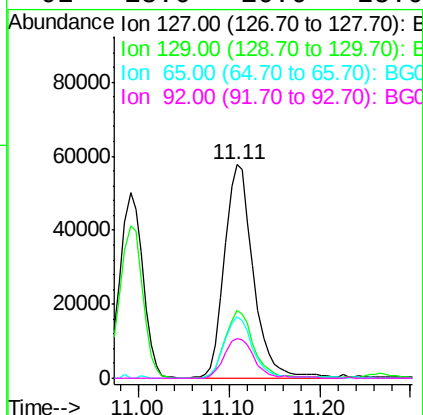
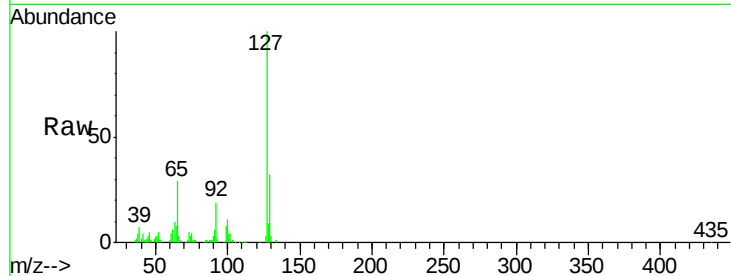
#33
4-Chloroaniline
Concen: 21.12 ng
RT: 11.11 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BG031350.D
Acq: 4 Dec 2017 17:23

Instrument :
BNA_G
ClientSampleId :
PB104670BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.1		24.0	36.0	
65	29.0		27.0	40.4	
92	18.6		16.6	25.0	

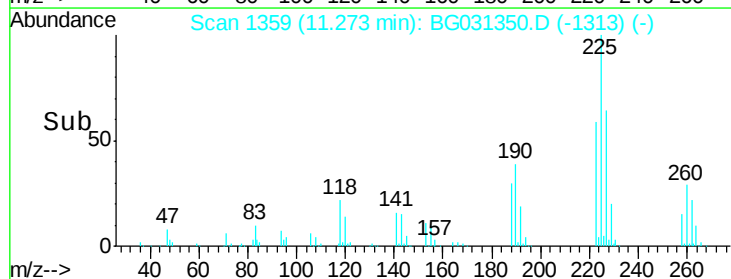
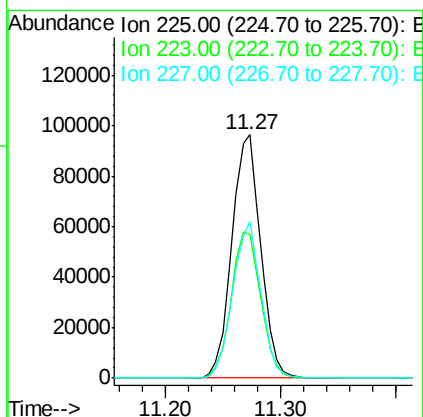
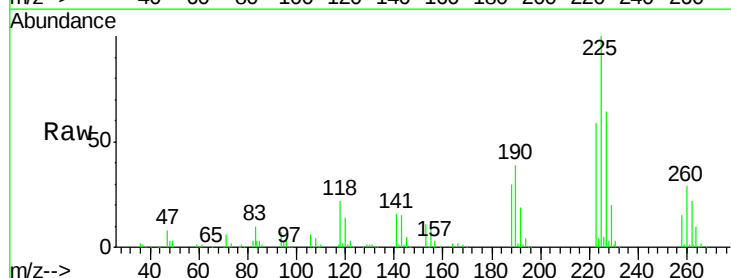
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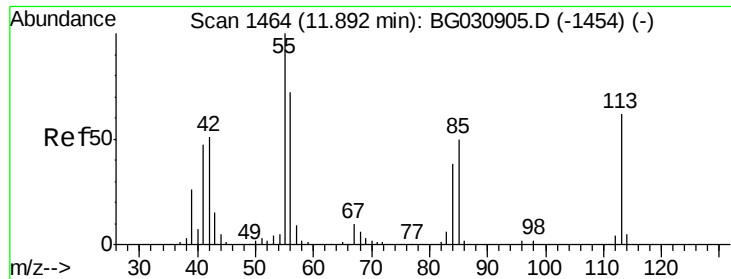
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#34
Hexachlorobutadiene
Concen: 44.45 ng
RT: 11.27 min Scan# 1359
Delta R.T. -0.03 min
Lab File: BG031350.D
Acq: 4 Dec 2017 17:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	59.1		49.7	74.5	
227	64.3		48.1	72.1	





#35

Caprolactam

Concen: 44.34 ng/mL

RT: 11.88 min Scan# 1463

Delta R.T. -0.01 min

Lab File: BG031350.D

Acq: 4 Dec 2017 17:23

Instrument :

BNA_G

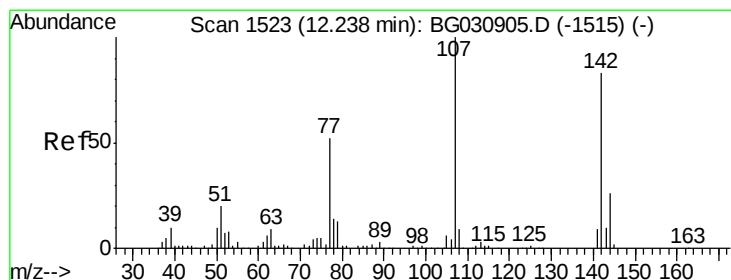
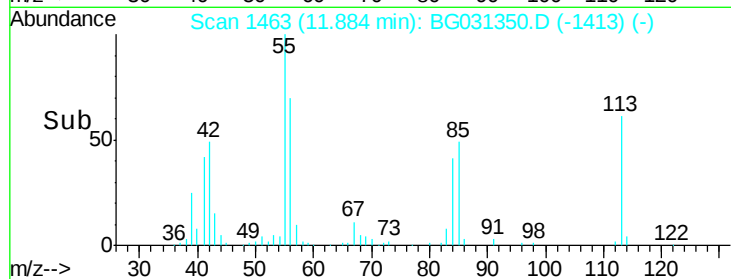
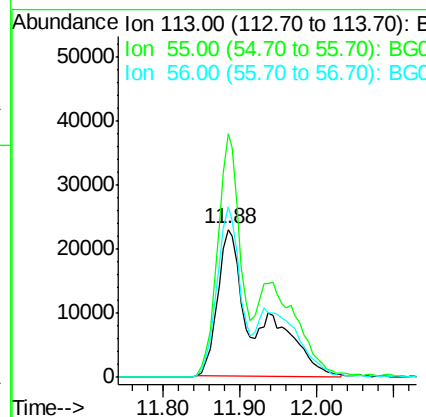
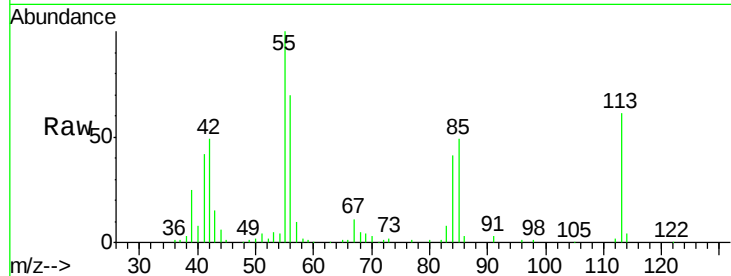
ClientSampled :

PB104670BS

Tot Ion:	113	Resp:	81905
Ion	Ratio	Lower	Upper
113	100		
55	164.9	186.9	226.9#
56	115.8	130.9	170.9#

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#36

4-Chloro-3-methylphenol

Concen: 48.56 ng/mL

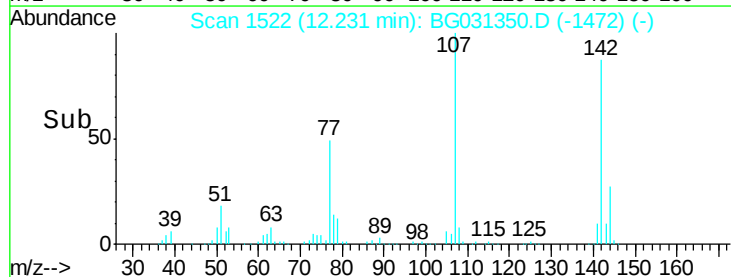
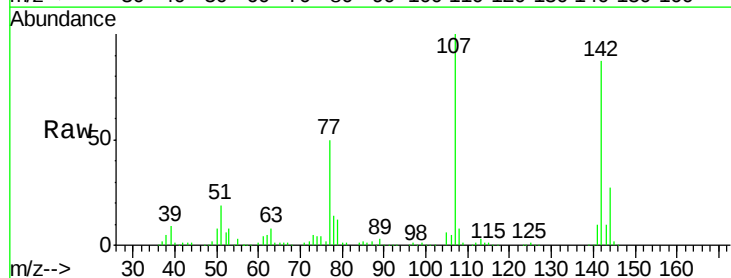
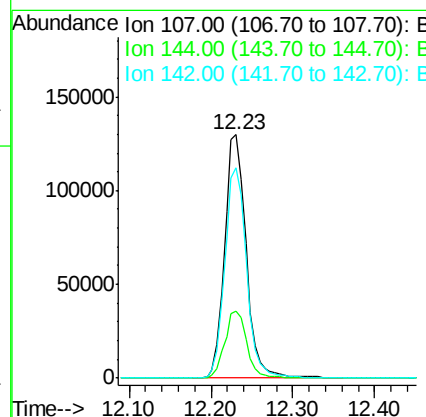
RT: 12.23 min Scan# 1522

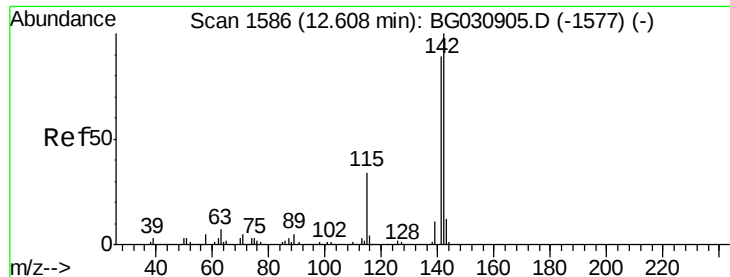
Delta R.T. -0.01 min

Lab File: BG031350.D

Acq: 4 Dec 2017 17:23

Tgt Ion:	107	Resp:	238971
Ion	Ratio	Lower	Upper
107	100		
144	27.3	18.2	27.4
142	86.6	59.0	88.4





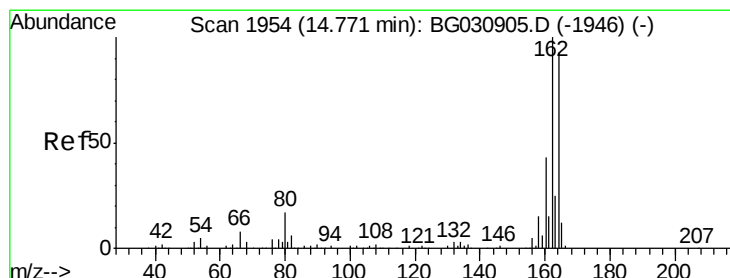
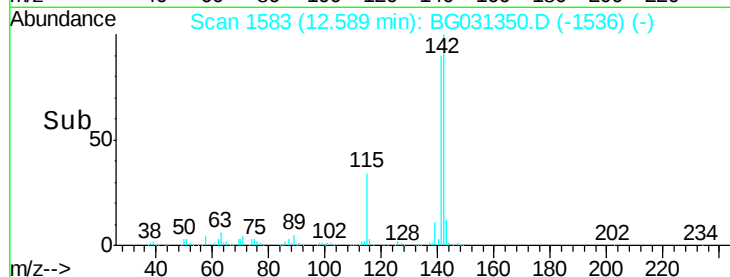
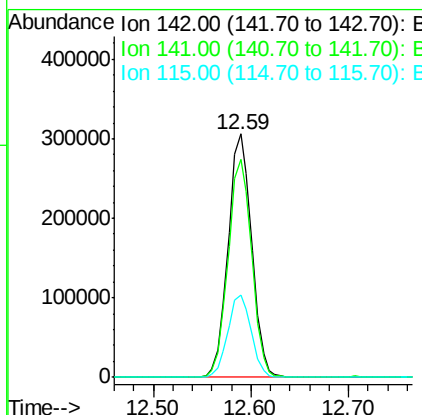
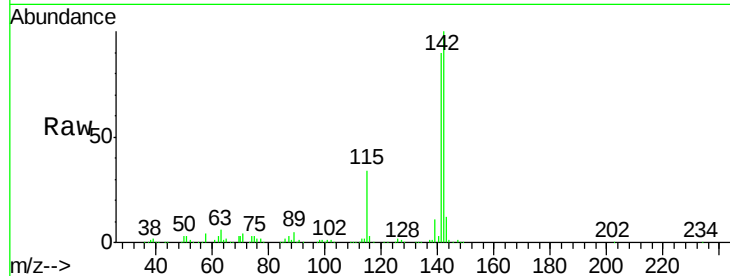
#37
2-Methylnaphthalene
Concen: 47.86 ng
RT: 12.59 min Scan# 1583
Delta R.T. -0.02 min
Lab File: BG031350.D
Acq: 4 Dec 2017 17:23

Instrument :
BNA_G
ClientSampleId :
PB104670BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	67.1	100.7
115	33.6	30.7	46.1

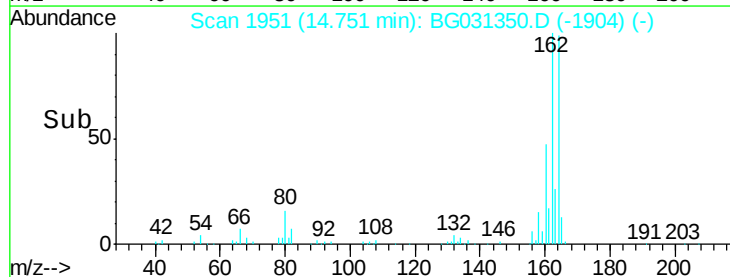
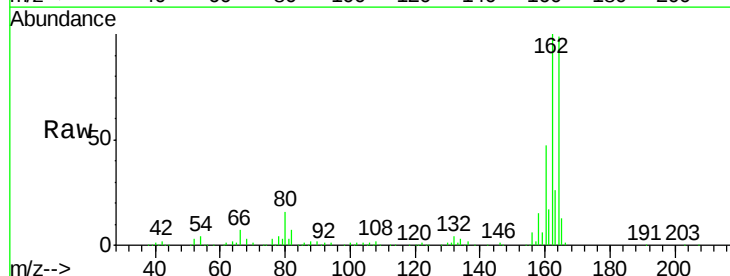
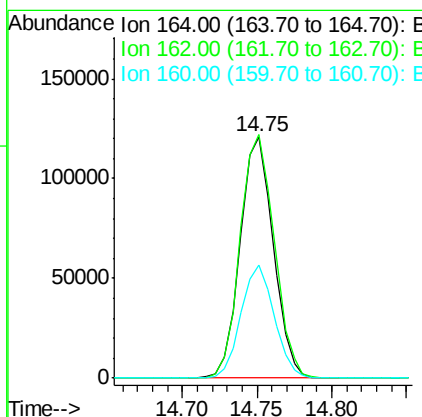
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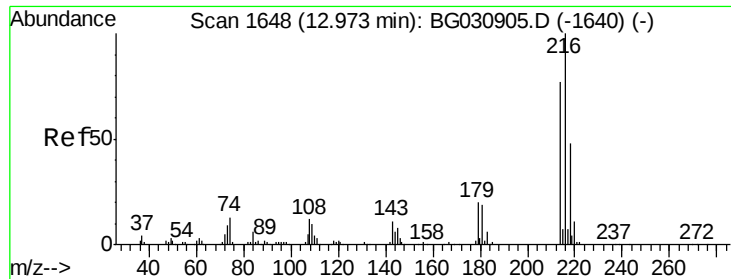
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.75 min Scan# 1951
Delta R.T. -0.02 min
Lab File: BG031350.D
Acq: 4 Dec 2017 17:23

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.9	78.8	118.2
160	46.9	35.4	53.0





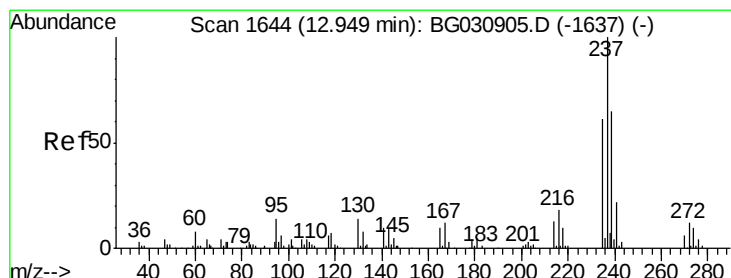
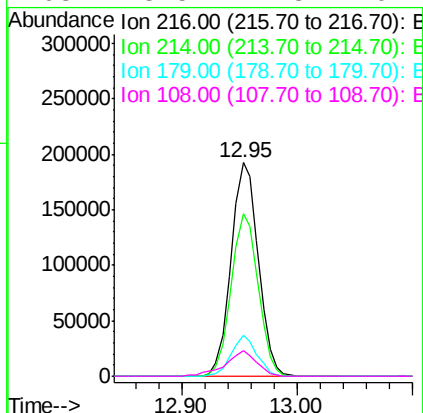
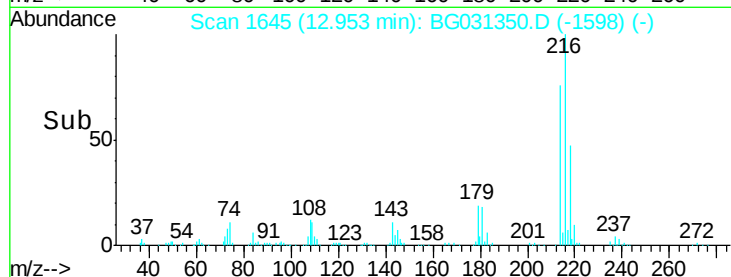
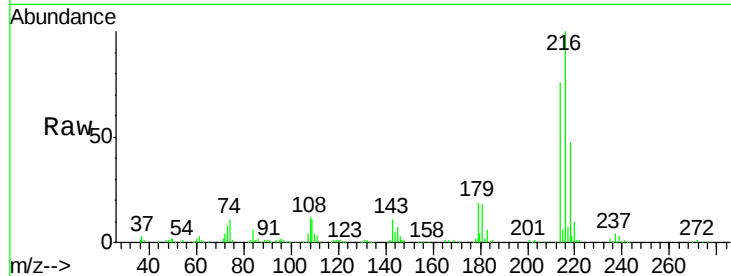
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.50 ng
 RT: 12.95 min Scan# 1645
 Delta R.T. -0.02 min
 Lab File: BG031350.D
 Acq: 4 Dec 2017 17:23

Instrument :
 BNA_G
 ClientSampleId :
 PB104670BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100			
214	75.6	63.0	94.4	
179	18.0	17.0	25.6	
108	13.5	12.8	19.2	

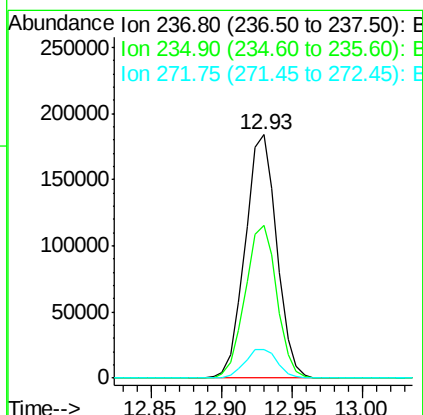
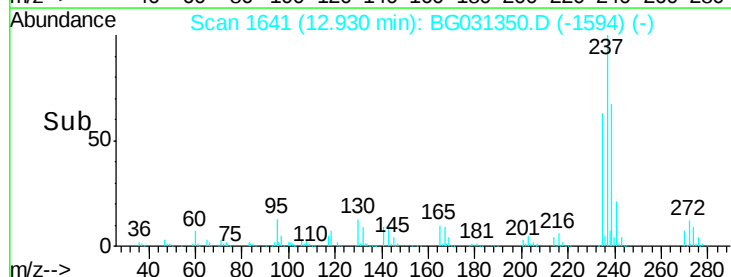
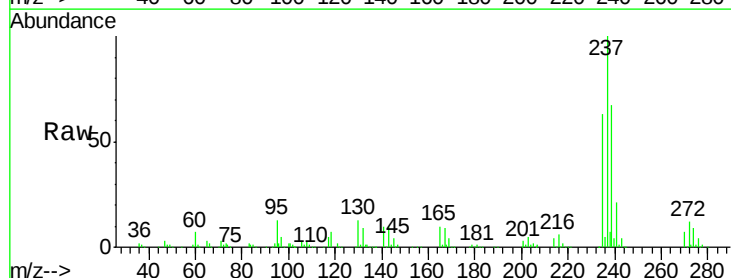
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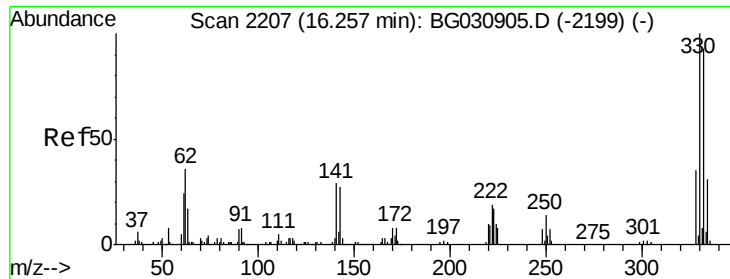
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#40
 Hexachlorocyclopentadiene
 Concen: 102.13 ng
 RT: 12.93 min Scan# 1641
 Delta R.T. -0.02 min
 Lab File: BG031350.D
 Acq: 4 Dec 2017 17:23

Tgt Ion	Ratio	Resp	Lower	Upper
237	100			
235	62.8	50.4	90.4	
272	11.8	0.0	31.8	





#41

2,4,6-Tribromophenol

Concen: 116.88 ng

RT: 16.24 min Scan# 2204

Delta R.T. -0.02 min

Lab File: BG031350.D

Acq: 4 Dec 2017 17:23

Instrument :

BNA_G

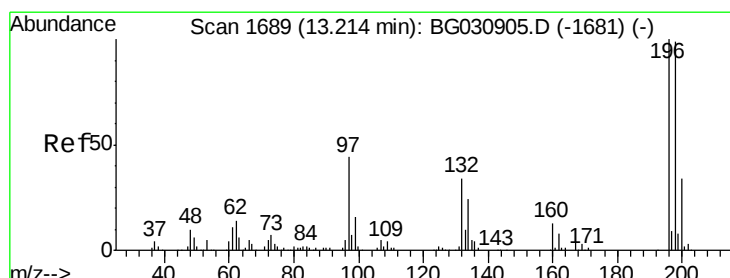
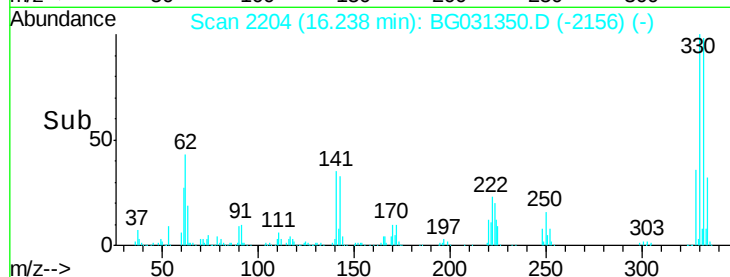
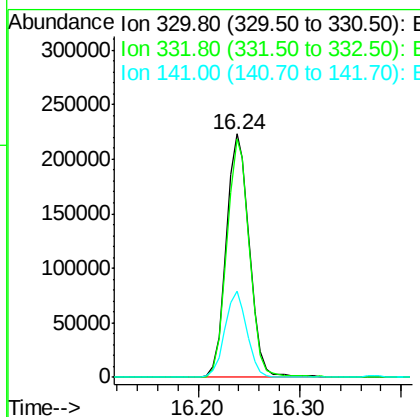
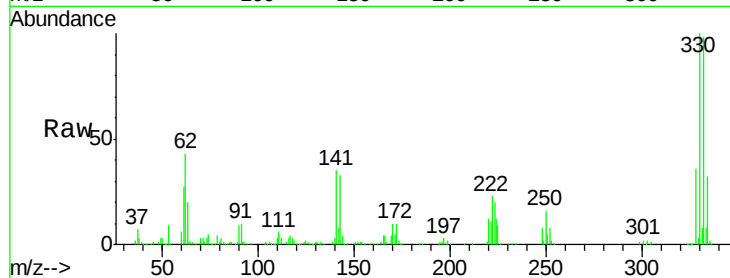
ClientSampleId :

PB104670BS

Tot Ion:	330	Resp:	351291
Ion Ratio	Lower	Upper	
330	100		
332	95.6	77.0	115.6
141	34.5	25.2	37.8

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#42

2,4,6-Trichlorophenol

Concen: 51.03 ng

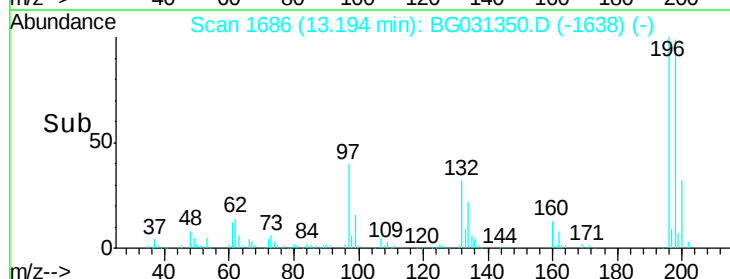
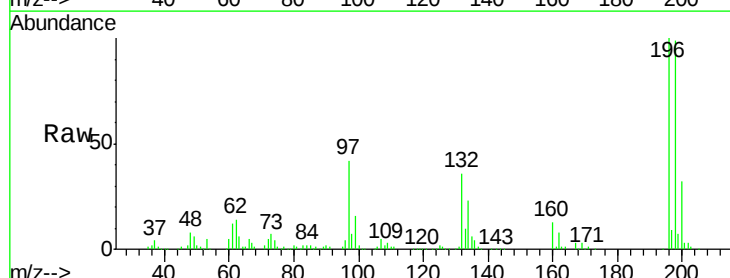
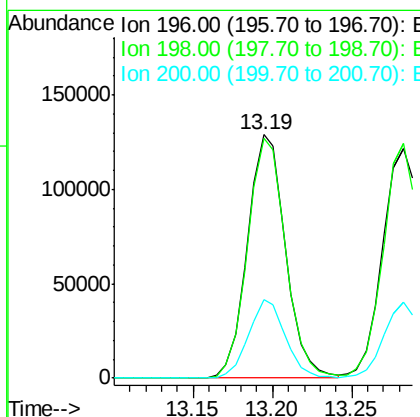
RT: 13.19 min Scan# 1686

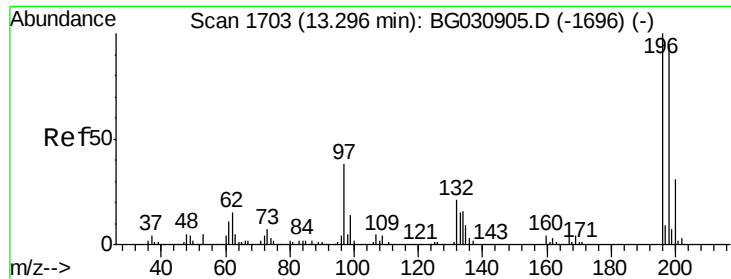
Delta R.T. -0.02 min

Lab File: BG031350.D

Acq: 4 Dec 2017 17:23

Tgt Ion:	196	Resp:	215134
Ion Ratio	Lower	Upper	
196	100		
198	98.6	78.2	117.2
200	32.2	24.6	36.8





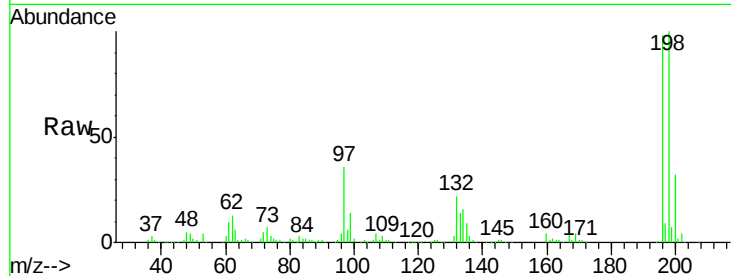
#43
 2,4,5-Trichlorophenol
 Concen: 49.17 ng
 RT: 13.28 min Scan# 1701
 Delta R.T. -0.01 min
 Lab File: BG031350.D
 Acq: 4 Dec 2017 17:23

Instrument :
 BNA_G
 ClientSampleId :
 PB104670BS

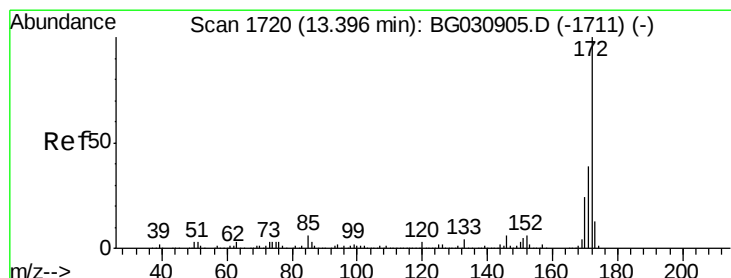
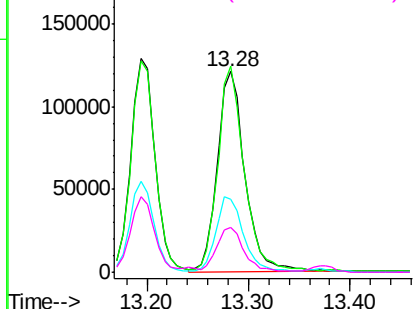
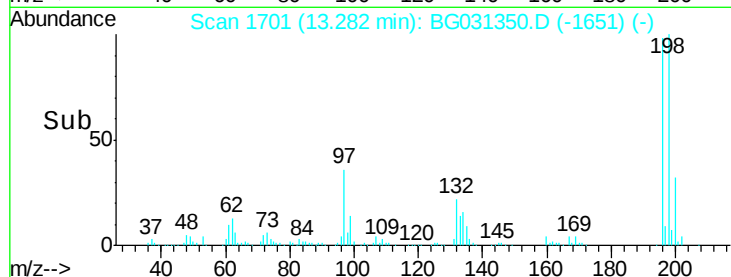
Tot Ion	Ratio	Resp	Lower	Upper
196	100			
198	102.3	76.2	114.4	
97	36.5	38.7	58.1	
132	22.1	20.2	30.2	

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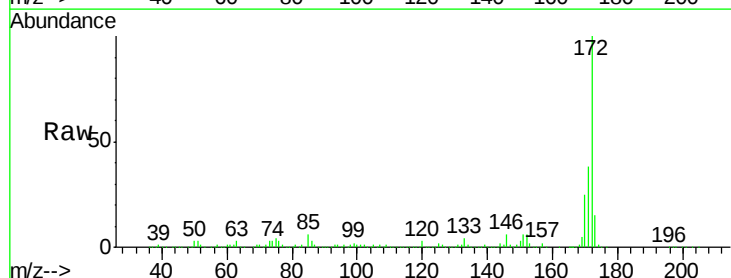


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

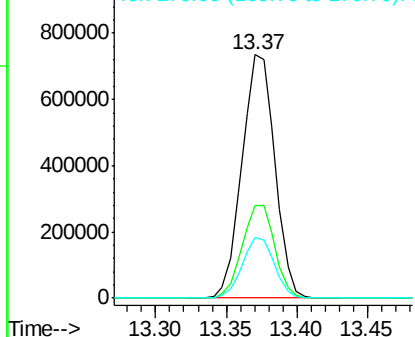
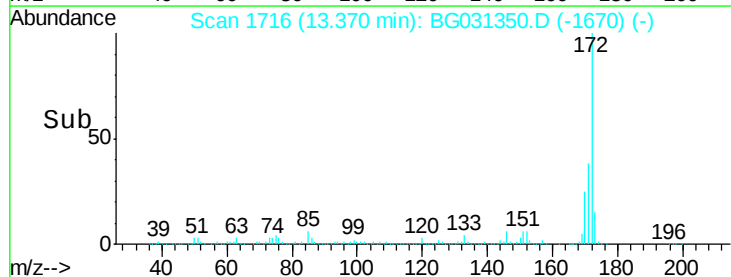


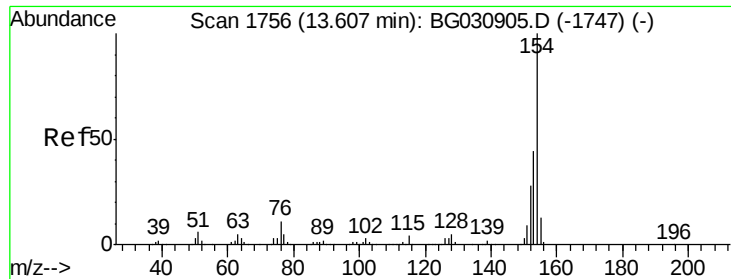
#44
 2-Fluorobiphenyl
 Concen: 92.66 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. -0.03 min
 Lab File: BG031350.D
 Acq: 4 Dec 2017 17:23

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	37.8	30.0	45.0	
170	25.0	19.5	29.3	



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





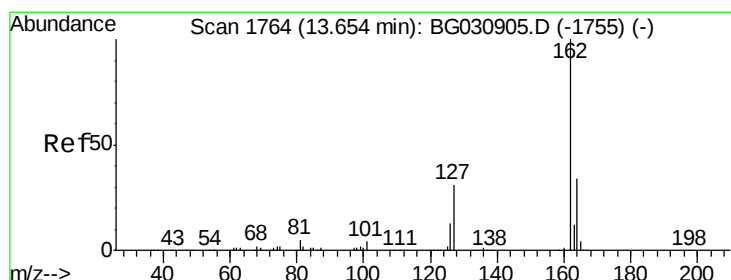
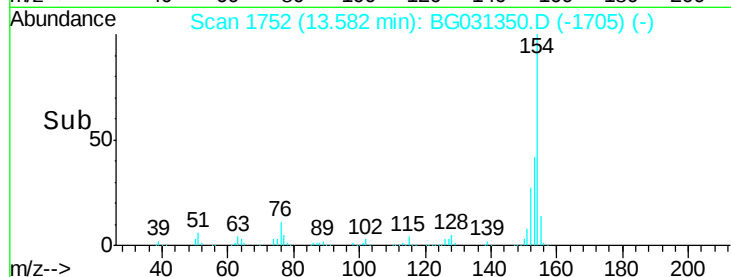
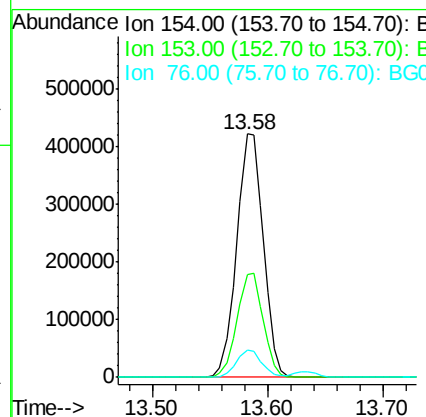
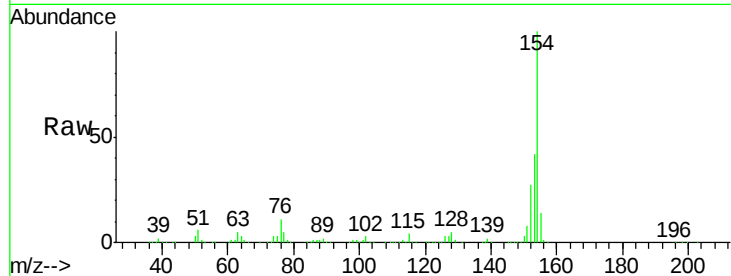
#45
 1,1'-Biphenyl
 Concen: 43.50 ng
 RT: 13.58 min Scan# 1752
 Delta R.T. -0.02 min
 Lab File: BG031350.D
 Acq: 4 Dec 2017 17:23

Instrument :
 BNA_G
 ClientSampled :
 PB104670BS

Tot Ion:	154	Resp:	670227
Ion Ratio		Lower	Upper
154	100		
153	42.1	19.8	59.8
76	11.3	0.0	31.9

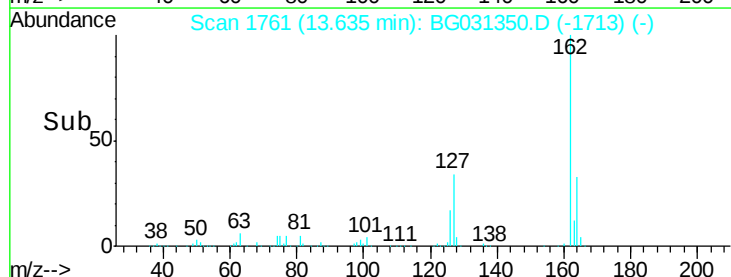
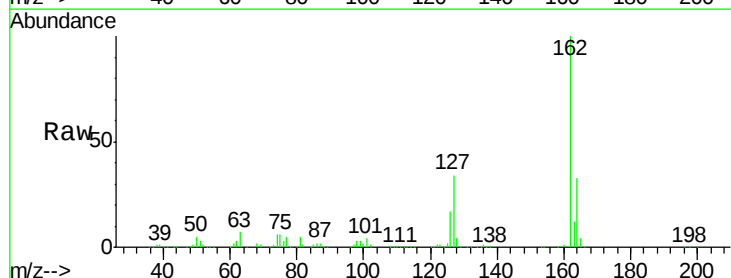
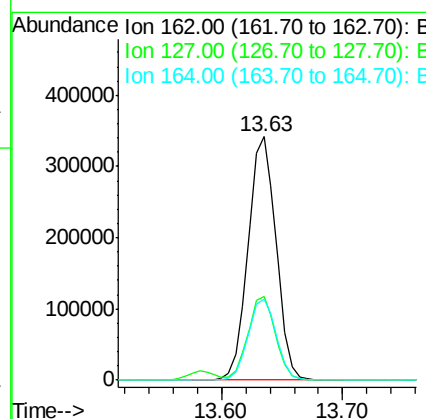
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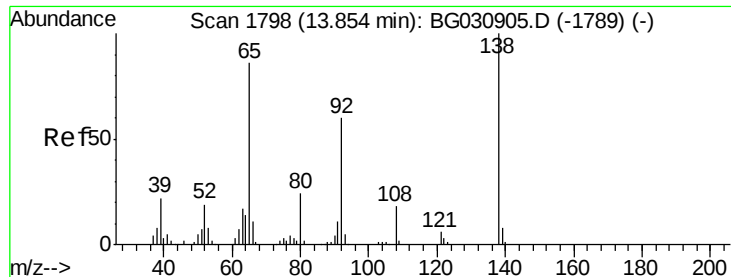
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#46
 2-Chloronaphthalene
 Concen: 49.68 ng
 RT: 13.63 min Scan# 1761
 Delta R.T. -0.02 min
 Lab File: BG031350.D
 Acq: 4 Dec 2017 17:23

Tgt Ion:	162	Resp:	552183
Ion Ratio		Lower	Upper
162	100		
127	34.2	30.7	46.1
164	33.5	26.0	39.0





#47

2-Nitroaniline

Concen: 46.25 ng

RT: 13.84 min Scan# 1796

Delta R.T. -0.01 min

Lab File: BG031350.D

Acq: 4 Dec 2017 17:23

Instrument :

BNA_G

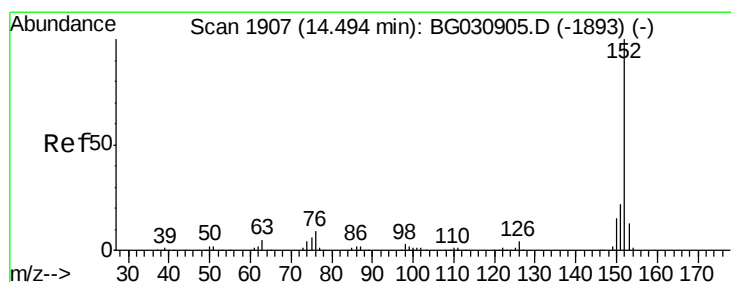
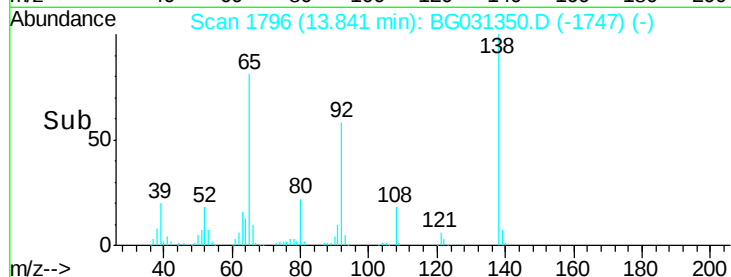
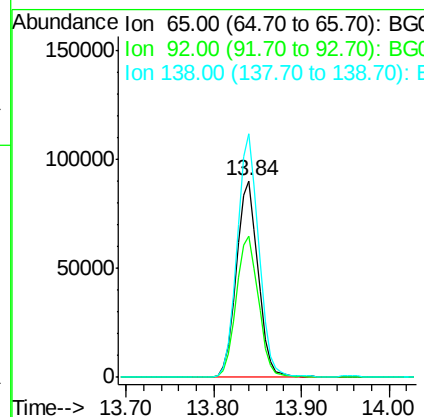
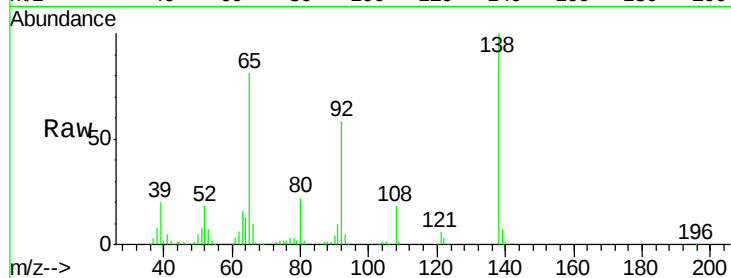
ClientSampleId :

PB104670BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	71.8	54.6	82.0
138	123.8	72.9	109.3

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#48

Acenaphthylene

Concen: 46.09 ng

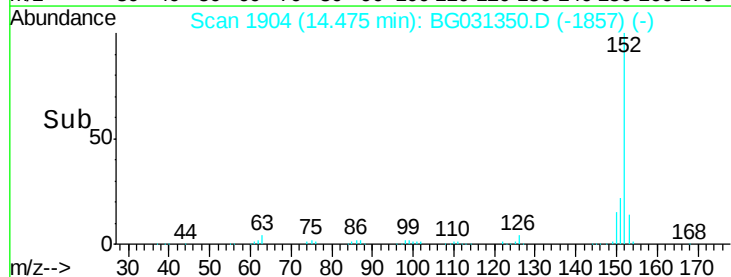
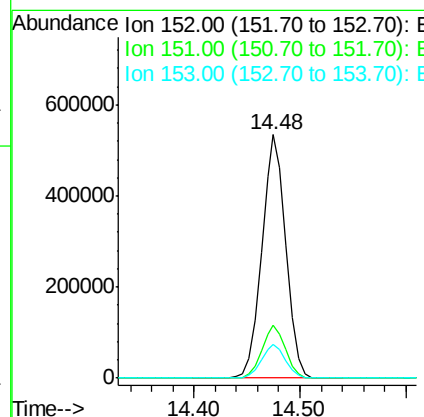
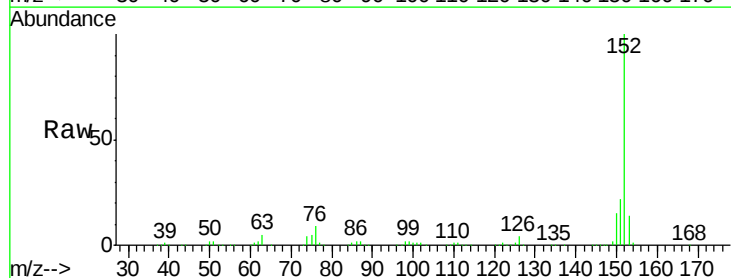
RT: 14.48 min Scan# 1904

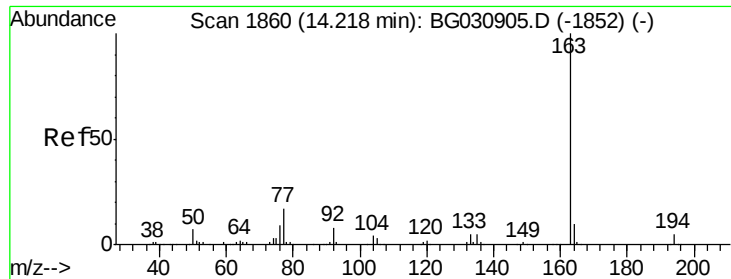
Delta R.T. -0.02 min

Lab File: BG031350.D

Acq: 4 Dec 2017 17:23

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.5	17.2	25.8
153	13.7	10.2	15.4





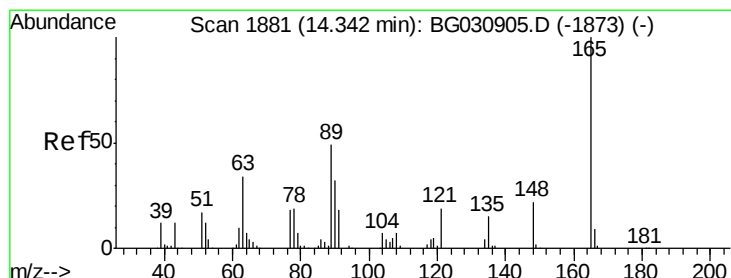
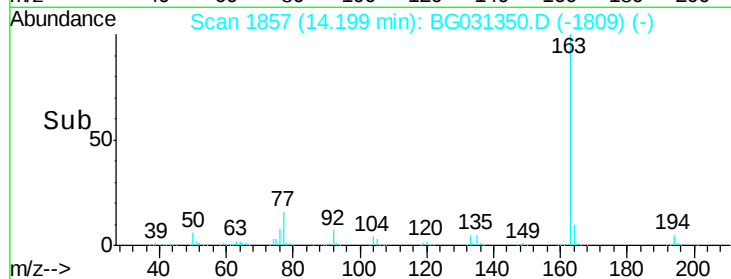
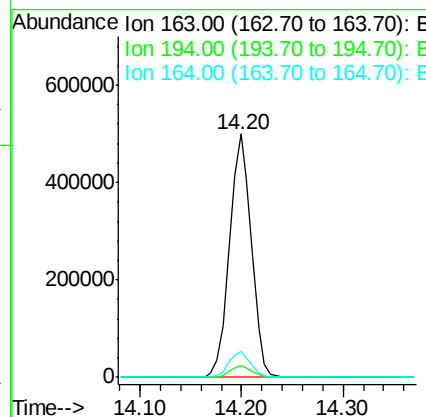
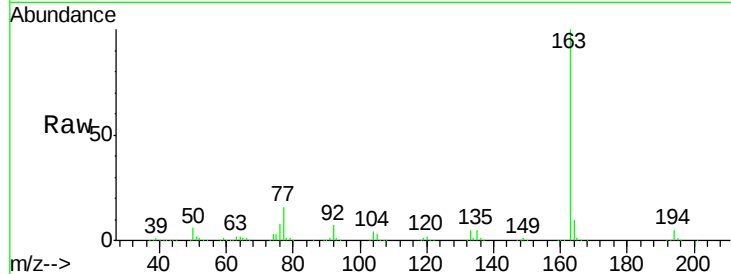
#49
Dimethylphthalate
Concen: 46.26 ng
RT: 14.20 min Scan# 1857
Delta R.T. -0.02 min
Lab File: BG031350.D
Acq: 4 Dec 2017 17:23

Instrument :
BNA_G
ClientSampleId :
PB104670BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	743141		
194	4.8		3.4	5.2
164	10.5		8.2	12.4

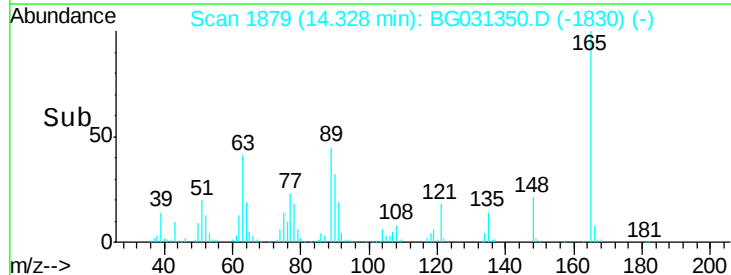
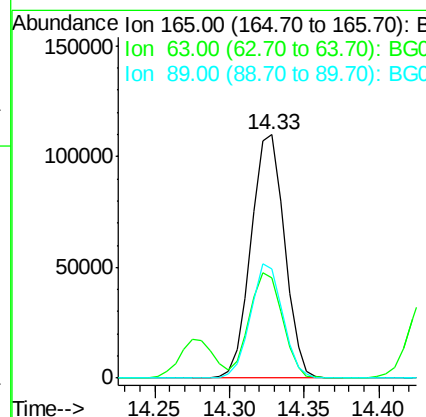
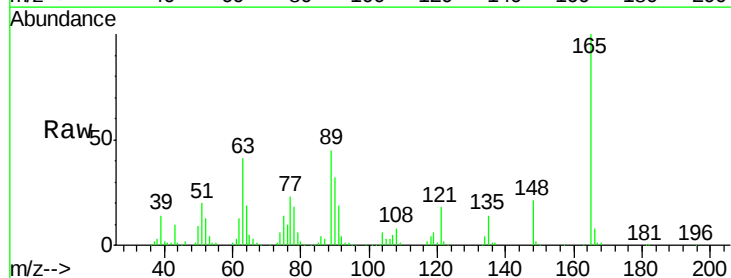
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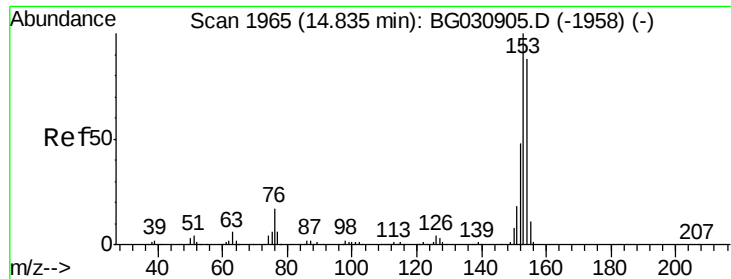
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#50
2,6-Dinitrotoluene
Concen: 51.20 ng
RT: 14.33 min Scan# 1879
Delta R.T. -0.01 min
Lab File: BG031350.D
Acq: 4 Dec 2017 17:23

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	169535		
63	41.1		52.7	79.1#
89	44.8		49.2	73.8#





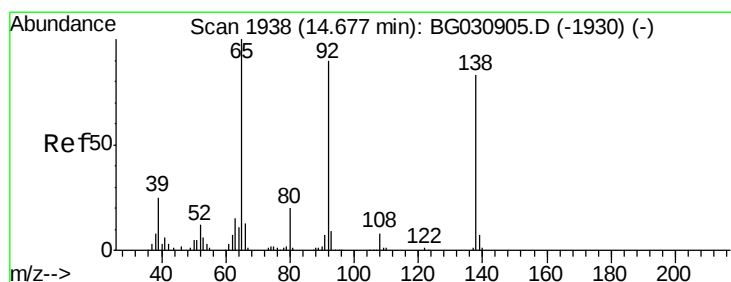
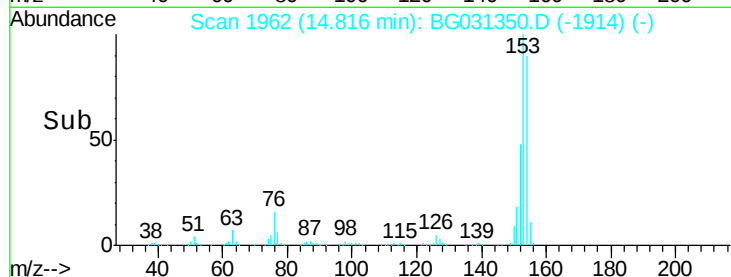
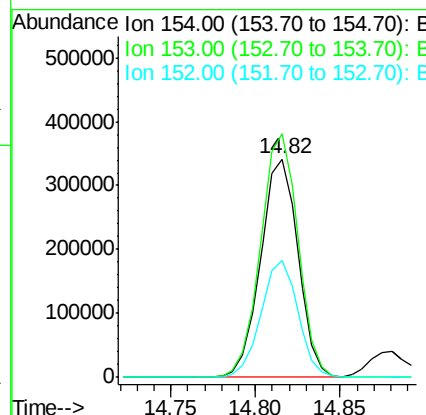
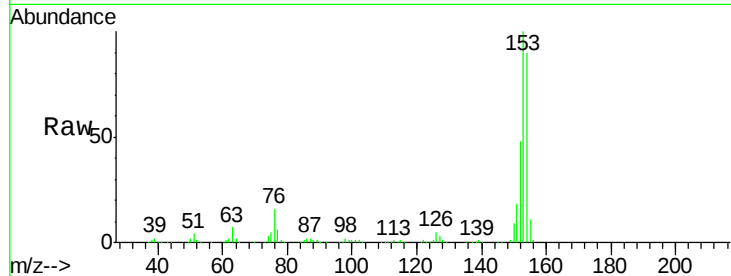
#51
Acenaphthene
Concen: 46.28 ng
RT: 14.82 min Scan# 1962
Delta R.T. -0.02 min
Lab File: BG031350.D
Acq: 4 Dec 2017 17:23

Instrument :
BNA_G
ClientSampleId :
PB104670BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	111.5	90.4	135.6
152	53.3	41.6	62.4

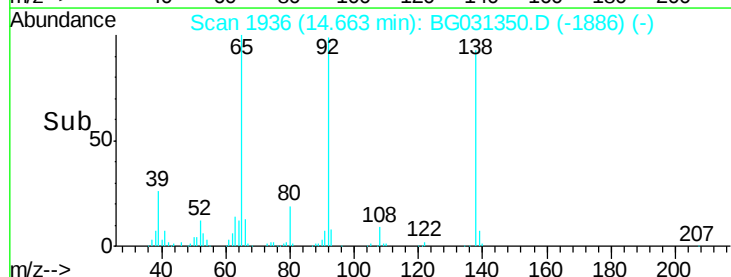
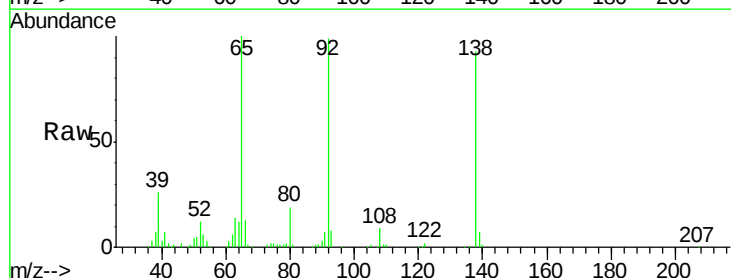
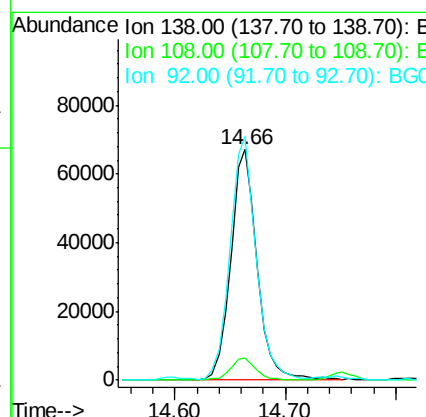
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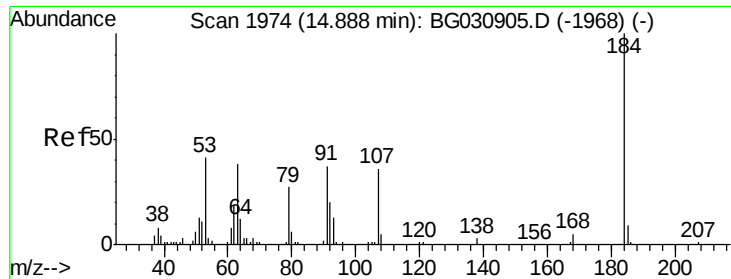
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#52
3-Nitroaniline
Concen: 31.76 ng
RT: 14.66 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BG031350.D
Acq: 4 Dec 2017 17:23

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.8	17.5	26.3#
92	105.8	105.8	158.8#





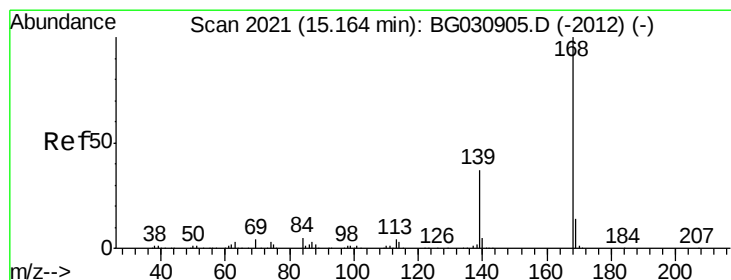
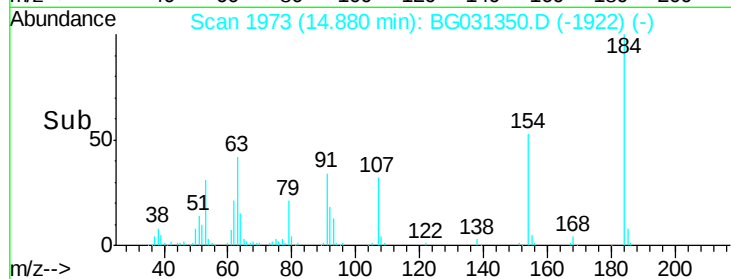
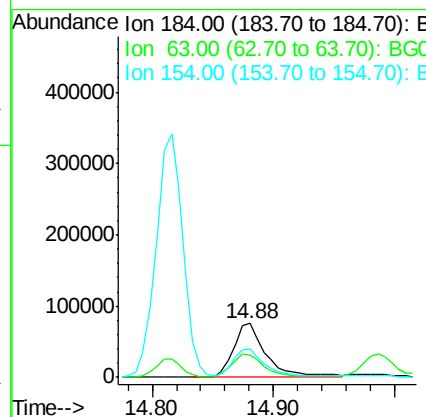
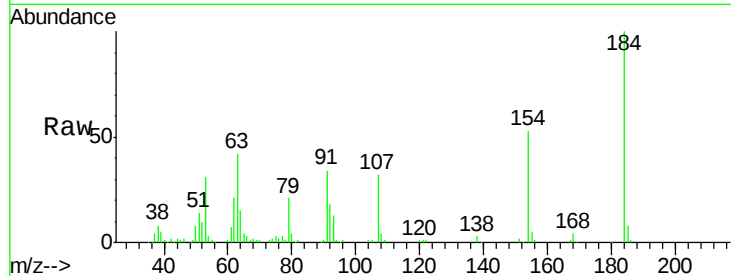
#53
2,4-Dinitrophenol
Concen: 79.25 ng
RT: 14.88 min Scan# 1973
Delta R.T. 0.00 min
Lab File: BG031350.D
Acq: 4 Dec 2017 17:23

Instrument :
BNA_G
ClientSampleId :
PB104670BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	42.0	59.8	89.8#	
154	52.8	101.8	152.8#	

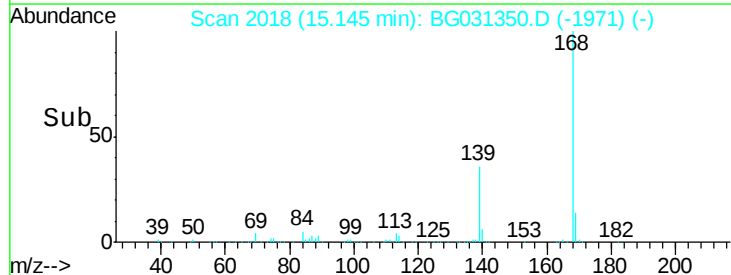
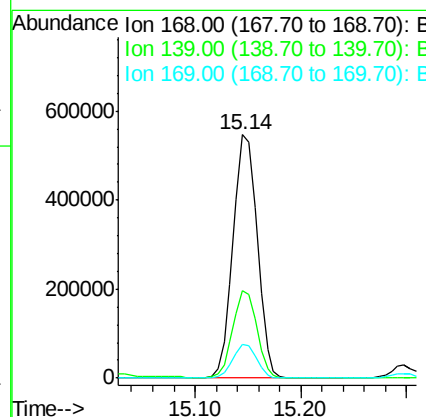
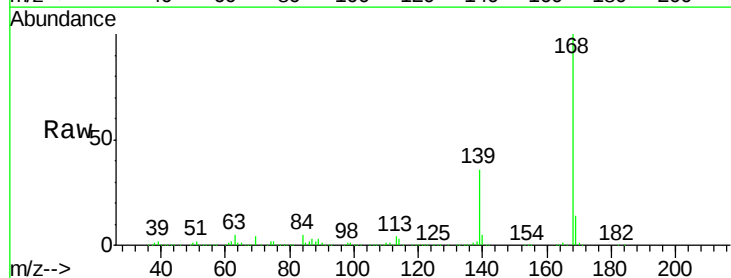
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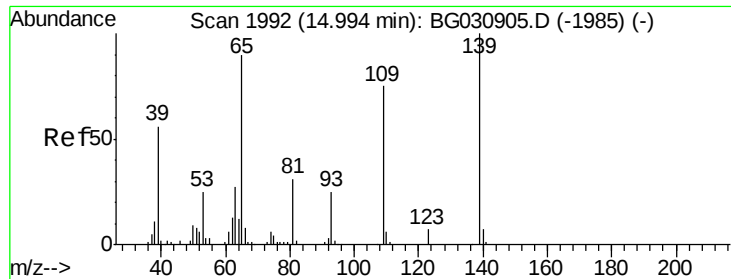
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#54
Dibenzofuran
Concen: 47.97 ng
RT: 15.14 min Scan# 2018
Delta R.T. -0.02 min
Lab File: BG031350.D
Acq: 4 Dec 2017 17:23

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	35.9	28.6	43.0	
169	13.7	11.2	16.8	





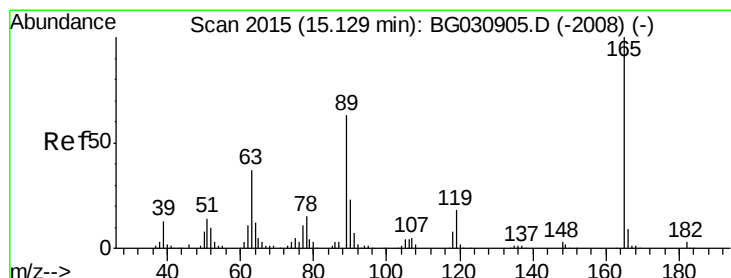
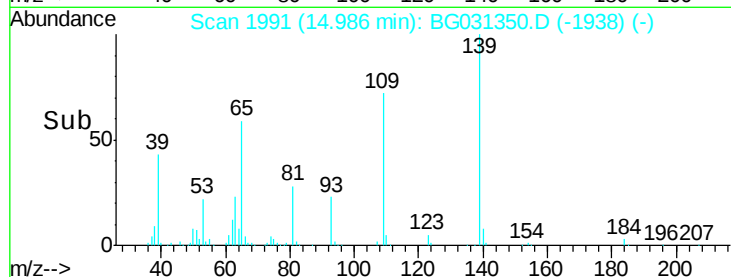
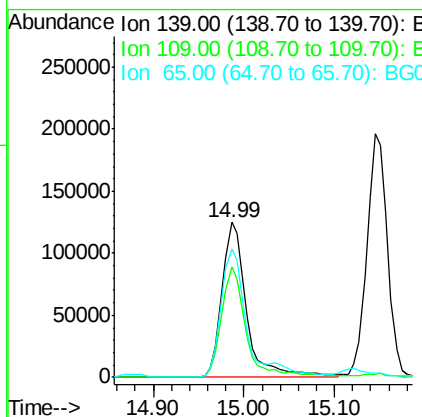
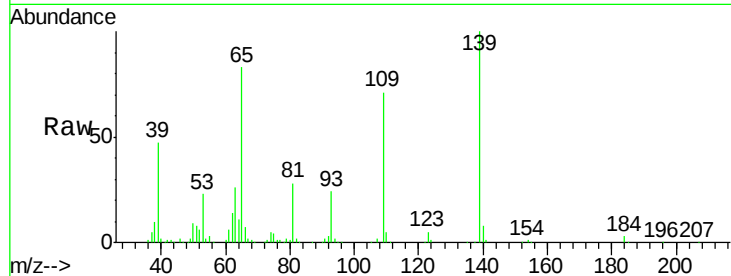
#55
4-Nitrophenol
Concen: 94.04 ng
RT: 14.99 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BG031350.D
Acq: 4 Dec 2017 17:23

Instrument :
BNA_G
ClientSampled :
PB104670BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	235521		
109	70.9	62.2	102.2	
65	82.8	97.2	137.2#	

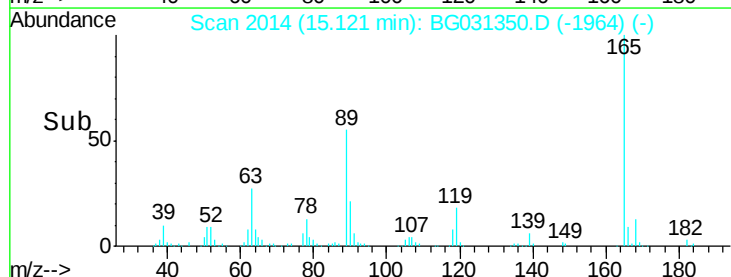
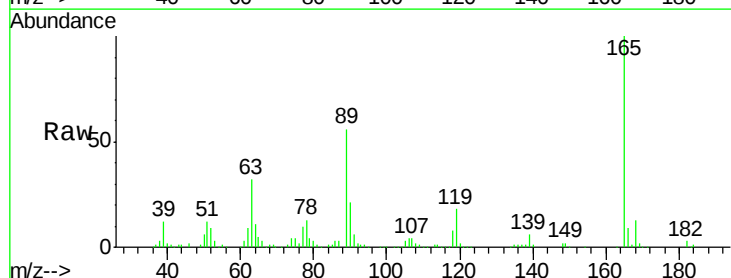
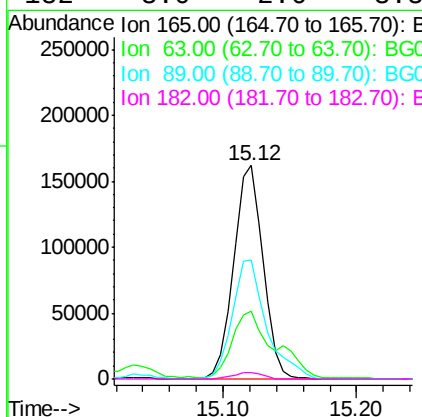
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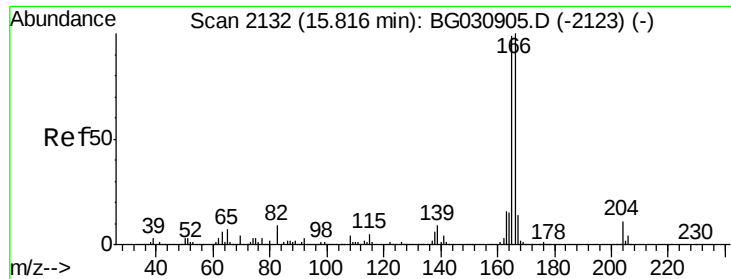
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#56
2,4-Dinitrotoluene
Concen: 51.75 ng
RT: 15.12 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BG031350.D
Acq: 4 Dec 2017 17:23

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	247693		
63	32.1	42.0	63.0#	
89	55.7	66.9	100.3#	
182	3.0	2.6	3.8	





#57

Fluorene

Concen: 47.66 ng

RT: 15.80 min Scan# 2129

Delta R.T. -0.02 min

Lab File: BG031350.D

Acq: 4 Dec 2017 17:23

Instrument :

BNA_G

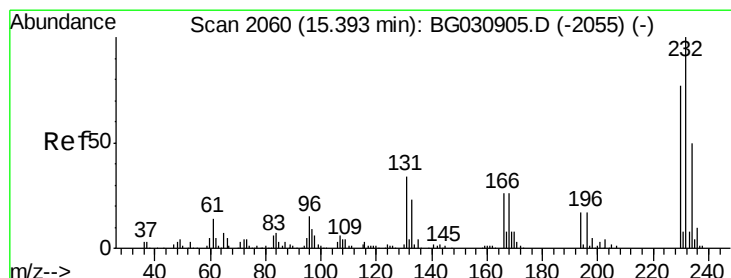
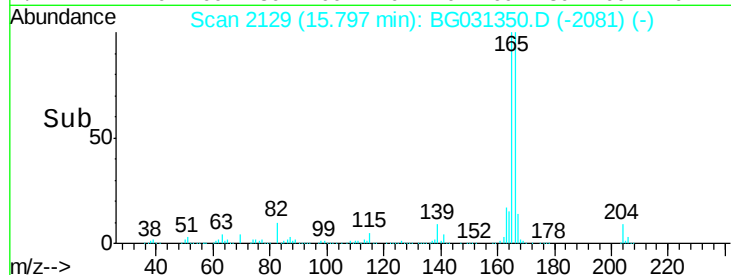
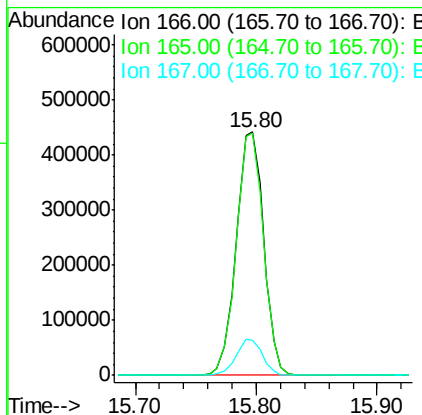
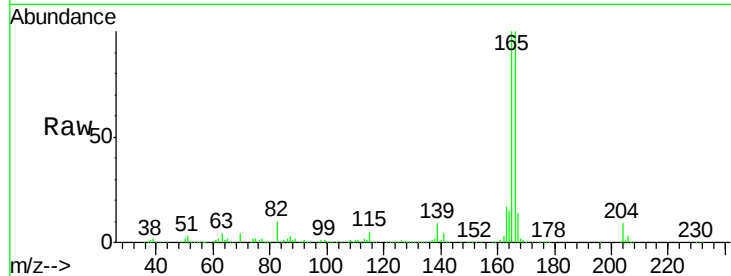
ClientSampleId :

PB104670BS

Tot Ion:	166	Resp:	700352
Ion Ratio	Lower	Upper	
166	100		
165	99.6	80.6	121.0
167	14.2	10.4	15.6

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#58

2,3,4,6-Tetrachlorophenol

Concen: 52.20 ng

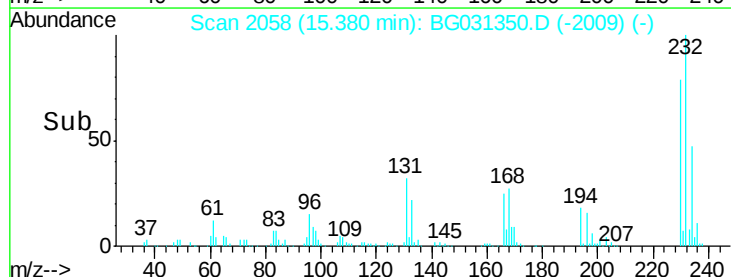
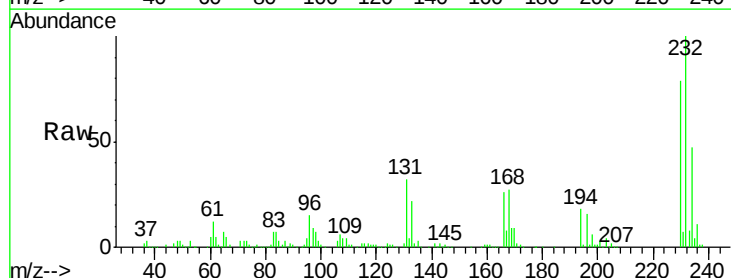
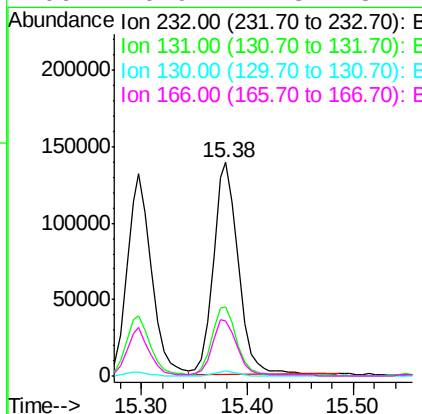
RT: 15.38 min Scan# 2058

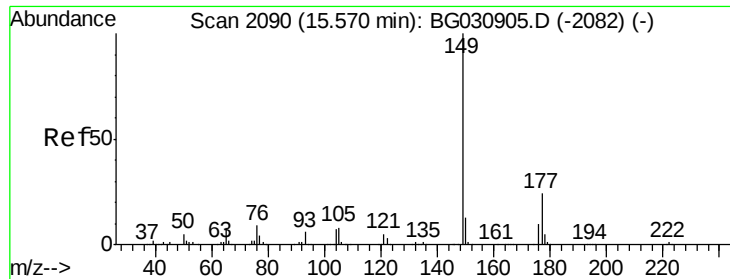
Delta R.T. -0.01 min

Lab File: BG031350.D

Acq: 4 Dec 2017 17:23

Tgt Ion:	232	Resp:	229480
Ion Ratio	Lower	Upper	
232	100		
131	32.4	33.5	50.3#
130	2.1	2.2	3.2#
166	26.9	24.8	37.2





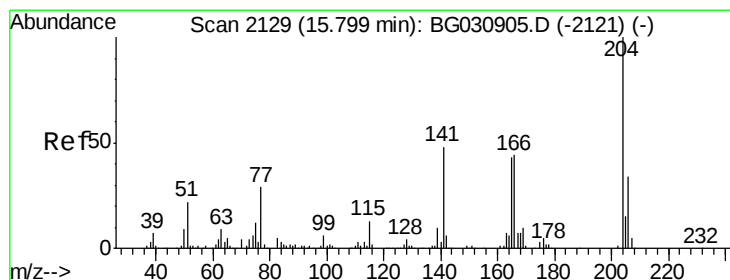
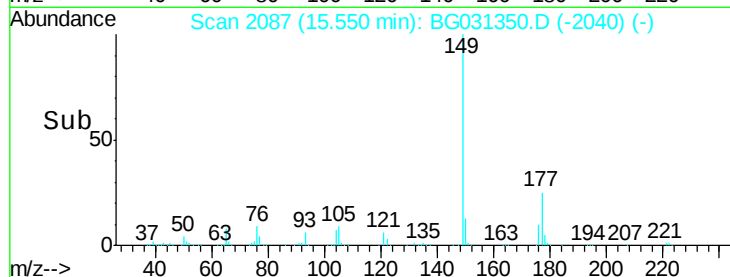
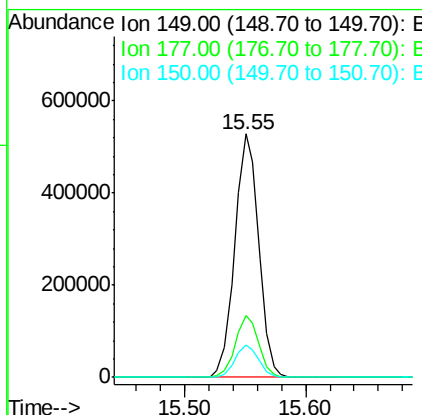
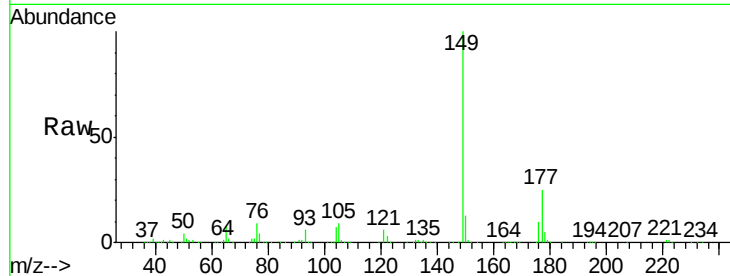
#59
Diethylphthalate
Concen: 44.62 ng
RT: 15.55 min Scan# 2087
Delta R.T. -0.02 min
Lab File: BG031350.D
Acq: 4 Dec 2017 17:23

Instrument :
BNA_G
ClientSampleId :
PB104670BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	25.2	18.5	27.7
150	13.1	10.2	15.2

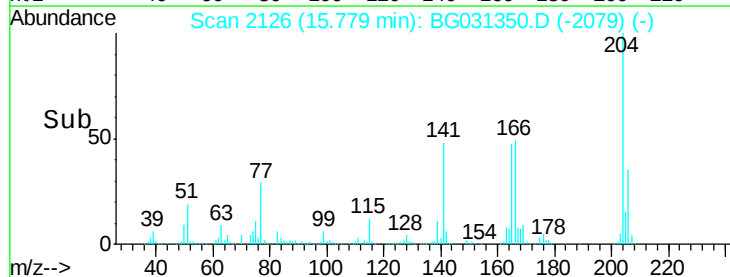
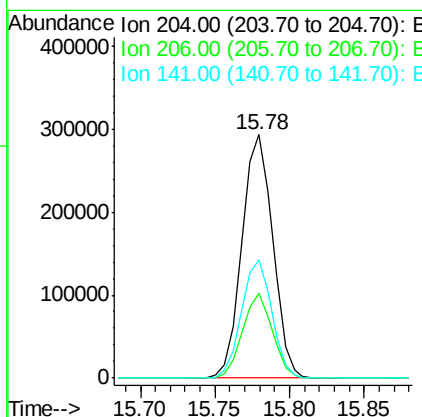
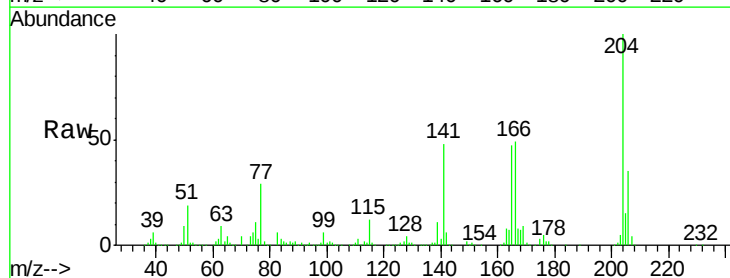
Manual Integrations
APPROVED

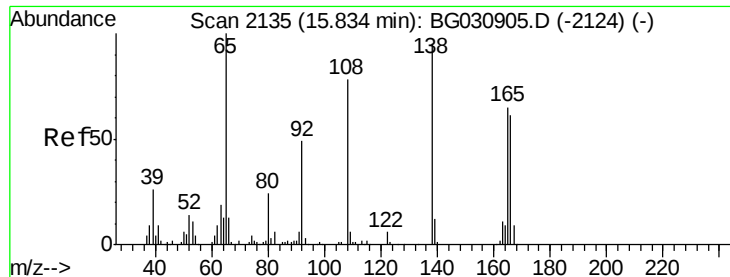
Sohil
12/5/2017 3:26:43 PM



#60
4-Chlorophenyl-phenylether
Concen: 47.14 ng
RT: 15.78 min Scan# 2126
Delta R.T. -0.02 min
Lab File: BG031350.D
Acq: 4 Dec 2017 17:23

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.9	26.2	39.2
141	48.4	45.8	68.6





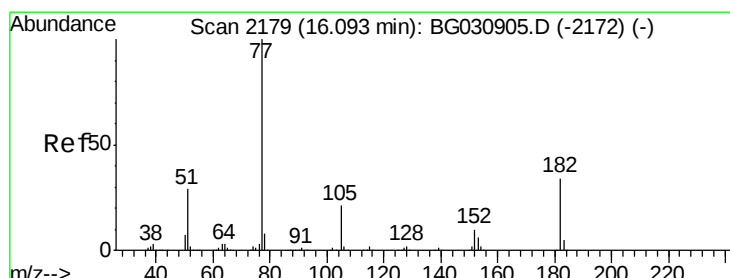
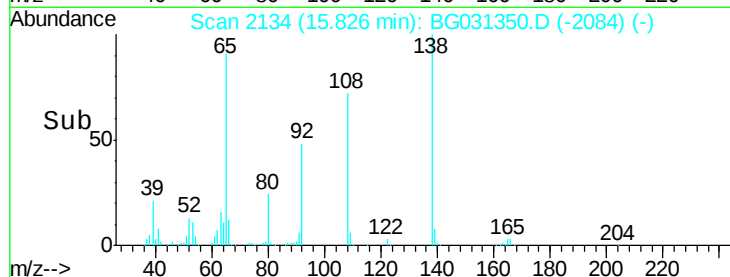
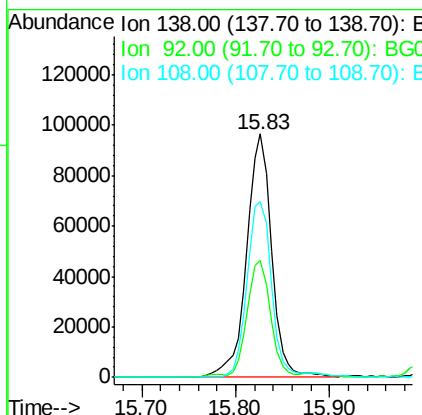
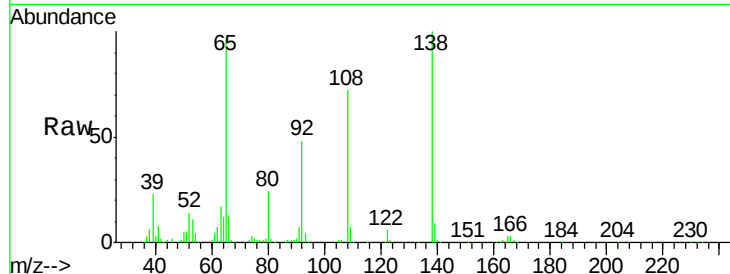
#61
4-Nitroaniline
Concen: 47.95 ng
RT: 15.83 min Scan# 2134
Delta R.T. -0.01 min
Lab File: BG031350.D
Acq: 4 Dec 2017 17:23

Instrument :
BNA_G
ClientSampleId :
PB104670BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	48.2	40.1	80.1
108	72.4	65.4	105.4

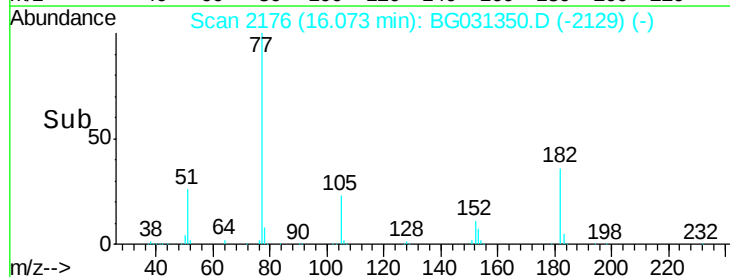
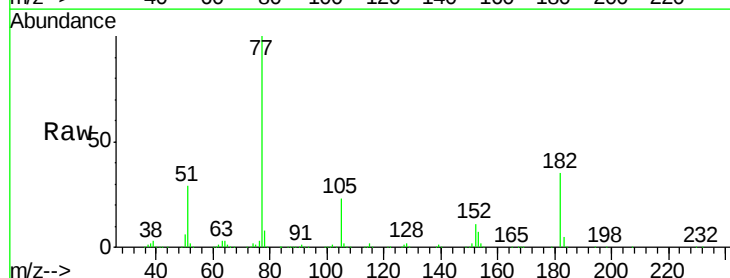
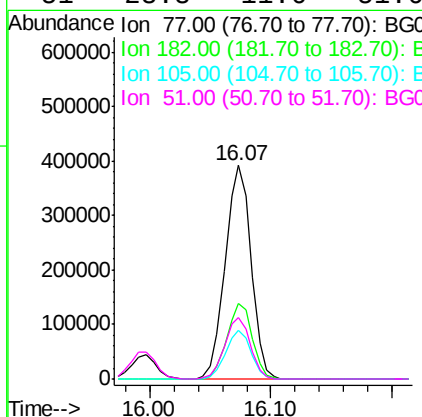
Manual Integrations
APPROVED

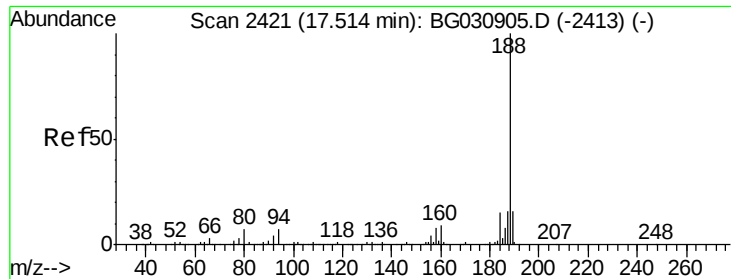
Sohil
12/5/2017 3:26:43 PM



#62
Azobenzene
Concen: 46.63 ng
RT: 16.07 min Scan# 2176
Delta R.T. -0.02 min
Lab File: BG031350.D
Acq: 4 Dec 2017 17:23

Tgt Ion	Ratio	Lower	Upper
77	100		
182	35.4	7.4	47.4
105	22.8	0.3	40.3
51	28.8	11.6	51.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.49 min Scan# 2417

Delta R.T. -0.02 min

Lab File: BG031350.D

Acq: 4 Dec 2017 17:23

Instrument :

BNA_G

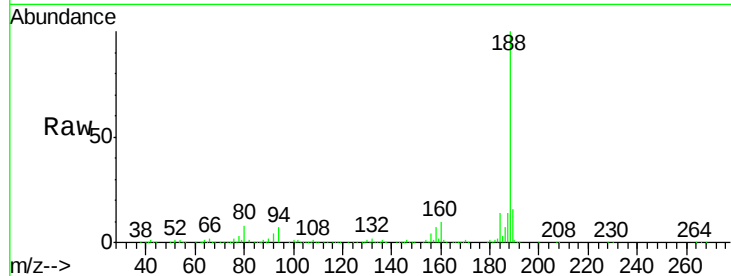
ClientSampleId :

PB104670BS

Tot Ion:	188	Resp:	476469
Ion Ratio	Lower	Upper	
188	100		
94	7.1	6.9	10.3
80	7.9	7.7	11.5

Manual Integrations
APPROVED

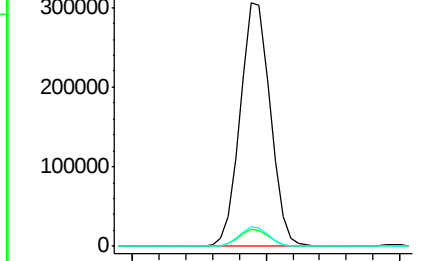
Sohil
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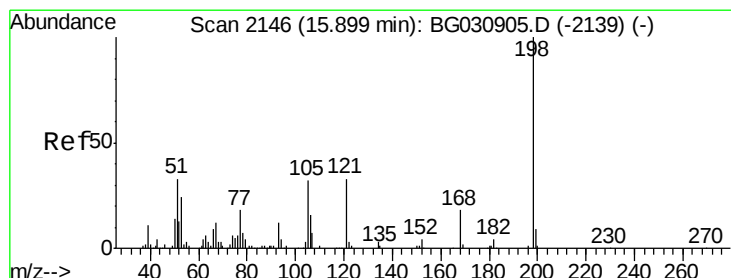
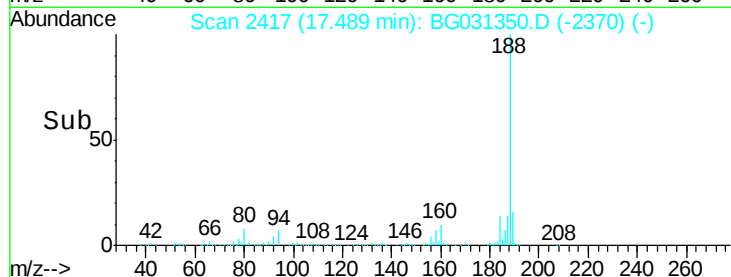
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time--> 17.40 17.50



#64

4,6-Dinitro-2-methylphenol

Concen: 40.60 ng

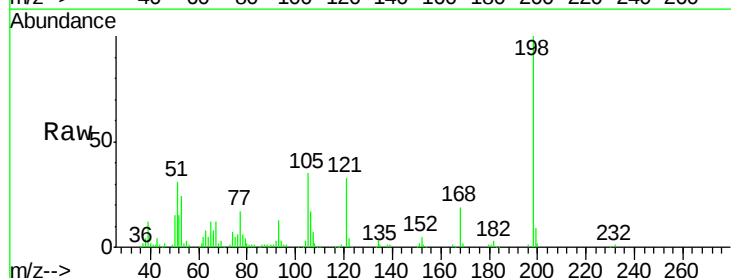
RT: 15.89 min Scan# 2144

Delta R.T. -0.01 min

Lab File: BG031350.D

Acq: 4 Dec 2017 17:23

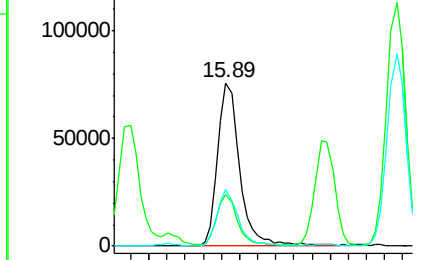
Tgt Ion:	198	Resp:	128584
Ion Ratio	Lower	Upper	
198	100		
51	31.3	30.6	70.6
105	34.7	23.8	63.8



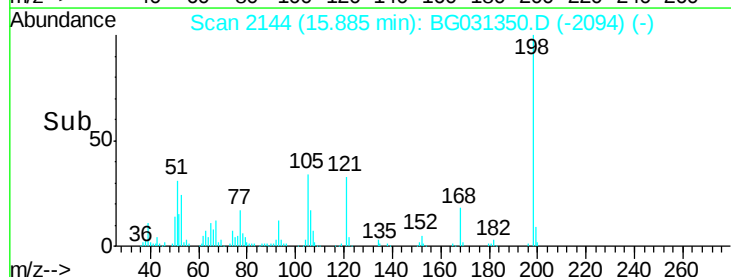
Abundance Ion 198.00 (197.70 to 198.70): E

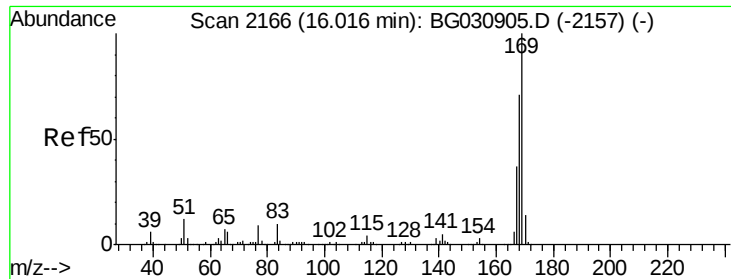
Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E



Time--> 15.80 15.90 16.00





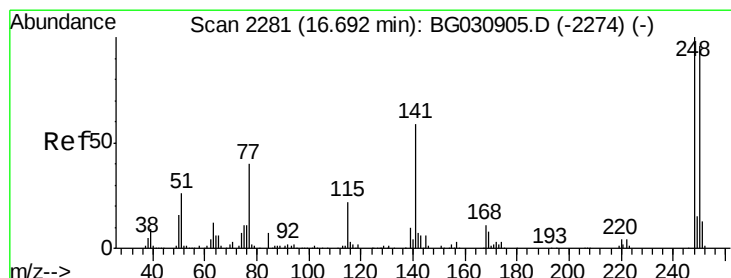
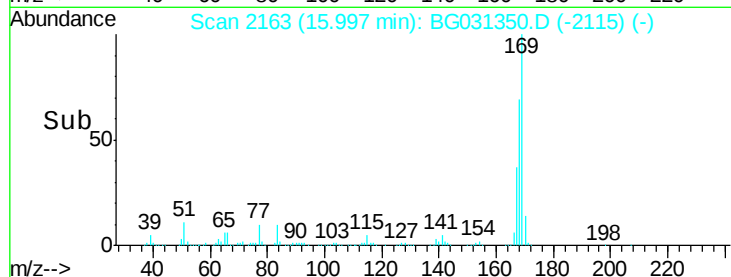
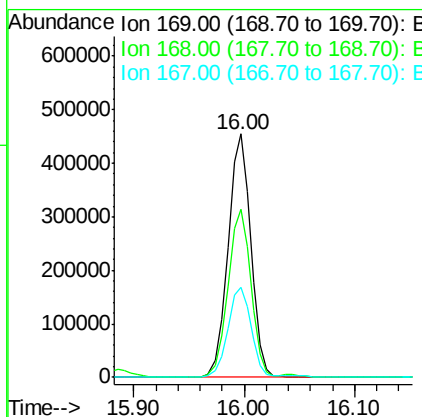
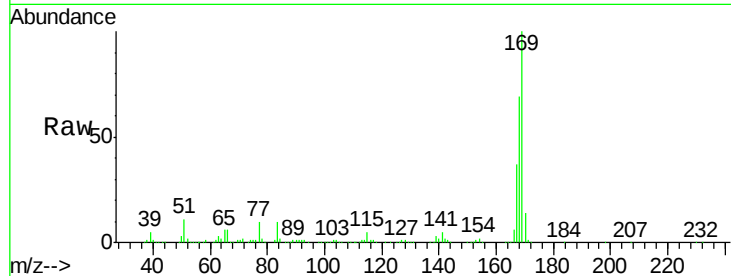
#65
n-Nitrosodiphenylamine
Concen: 45.41 ng
RT: 16.00 min Scan# 2163
Delta R.T. -0.02 min
Lab File: BG031350.D
Acq: 4 Dec 2017 17:23

Instrument :
BNA_G
ClientSampleId :
PB104670BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	655649		
168	69.1		55.7	83.5
167	36.8		30.1	45.1

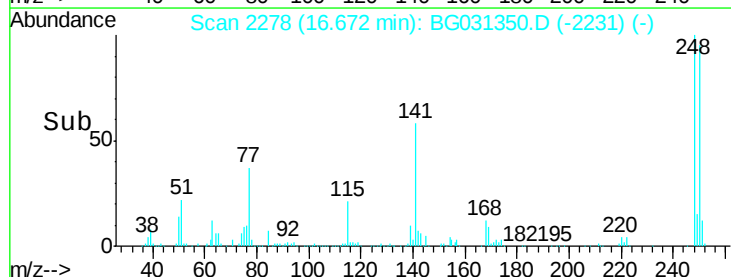
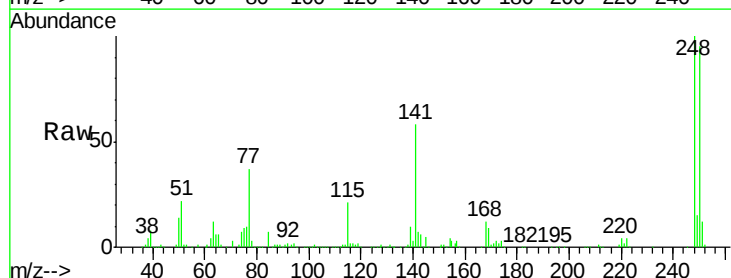
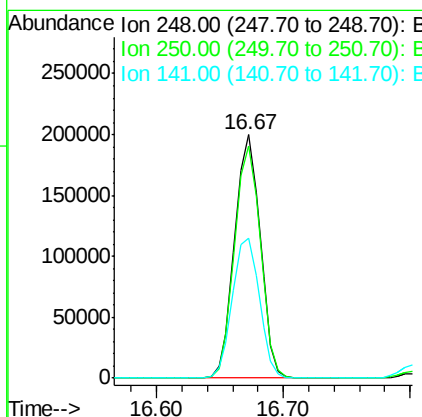
Manual Integrations
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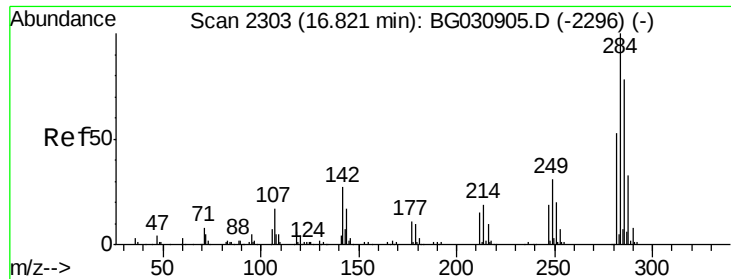
Sohil
12/5/2017 3:26:43 PM



#66
4-Bromophenyl-phenylether
Concen: 46.29 ng
RT: 16.67 min Scan# 2278
Delta R.T. -0.02 min
Lab File: BG031350.D
Acq: 4 Dec 2017 17:23

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	279361		
250	95.1		77.1	115.7
141	57.6		50.8	76.2





#67

Hexachlorobenzene

Concen: 44.00 ng

RT: 16.80 min Scan# 2300

Delta R.T. -0.02 min

Lab File: BG031350.D

Acq: 4 Dec 2017 17:23

Instrument :

BNA_G

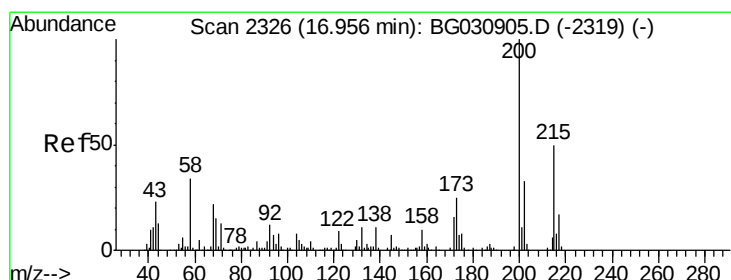
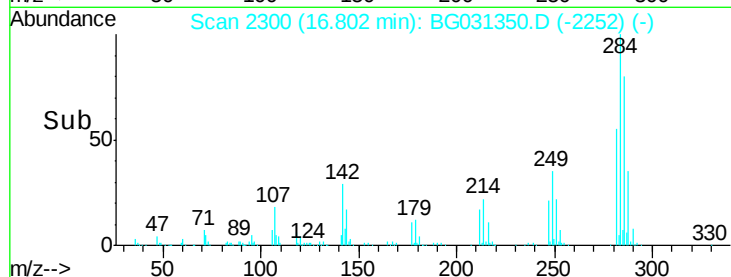
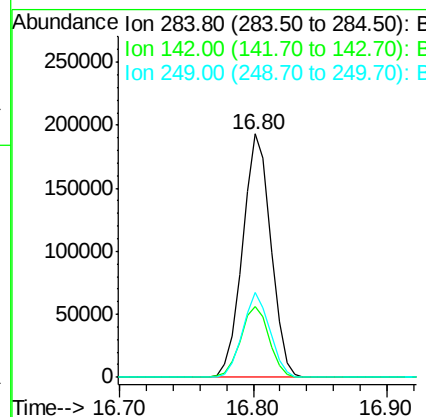
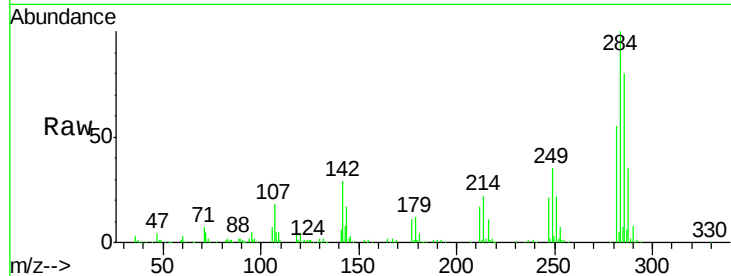
ClientSampled :

PB104670BS

Tot Ion:	284	Resp:	282153
Ion Ratio		Lower	Upper
284	100		
142	29.1	26.8	40.2
249	34.7	26.3	39.5

Manual Integrations
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12/5/2017 3:26:43 PM



#68

Atrazine

Concen: 46.71 ng

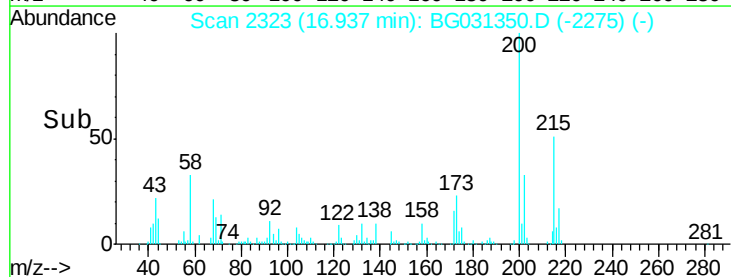
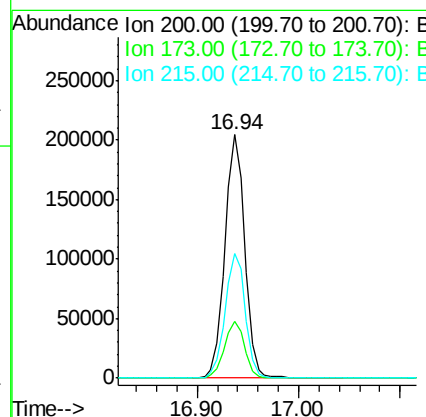
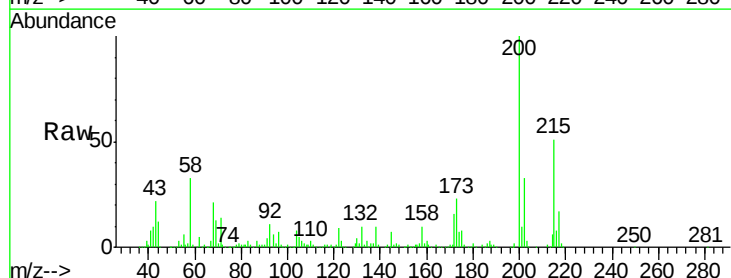
RT: 16.94 min Scan# 2323

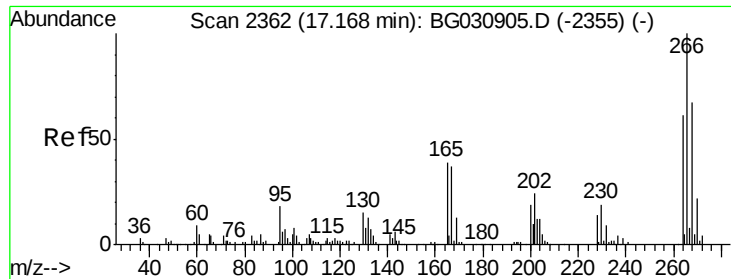
Delta R.T. -0.02 min

Lab File: BG031350.D

Acq: 4 Dec 2017 17:23

Tgt Ion:	200	Resp:	278256
Ion Ratio		Lower	Upper
200	100		
173	23.3	5.2	45.2
215	51.2	30.4	70.4





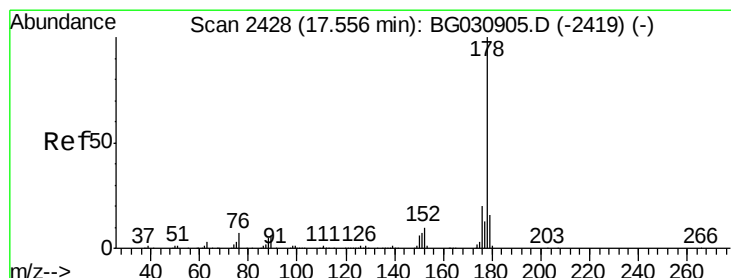
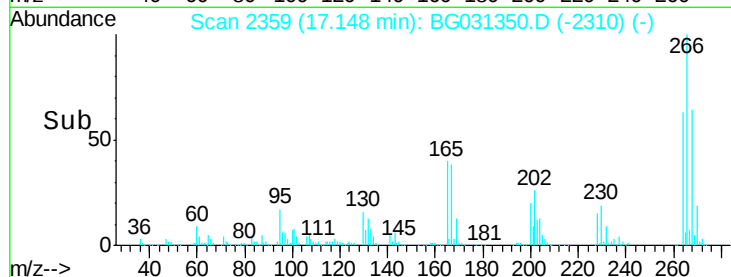
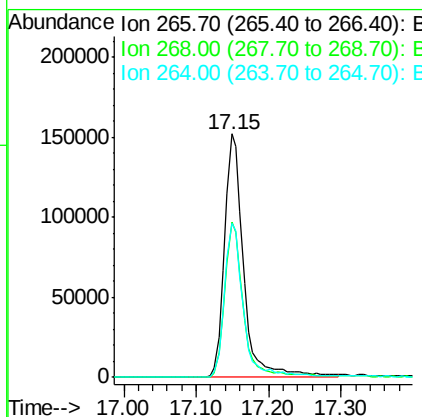
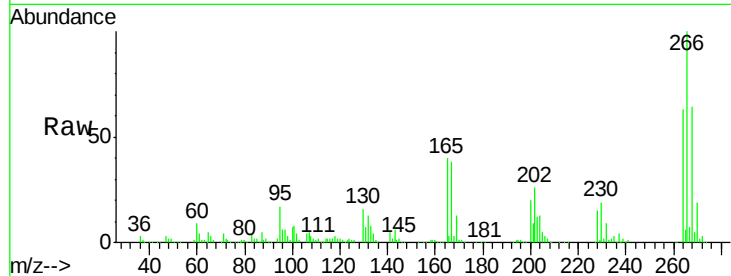
#69
 Pentachlorophenol
 Concen: 79.01 ng
 RT: 17.15 min Scan# 2359
 Delta R.T. -0.01 min
 Lab File: BG031350.D
 Acq: 4 Dec 2017 17:23

Instrument :
 BNA_G
 ClientSampleId :
 PB104670BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.8	51.1	76.7
264	63.3	49.6	74.4

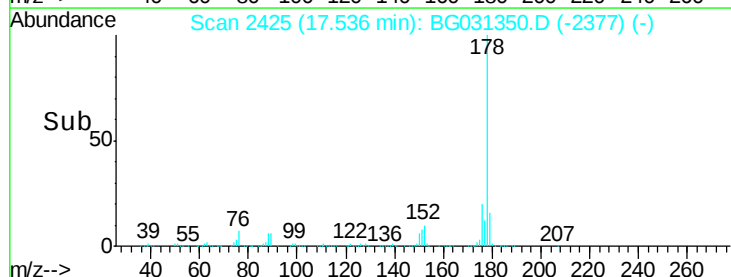
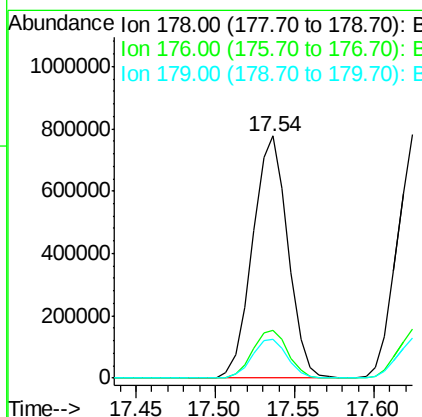
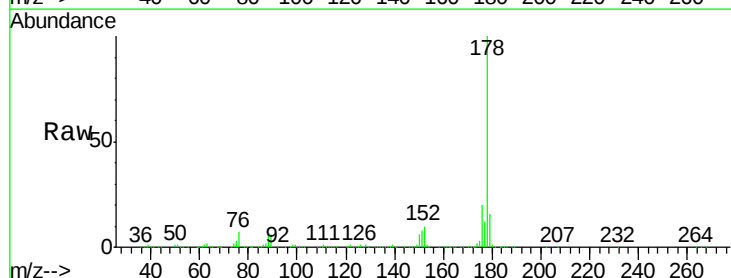
Manual Integrations
 APPROVED

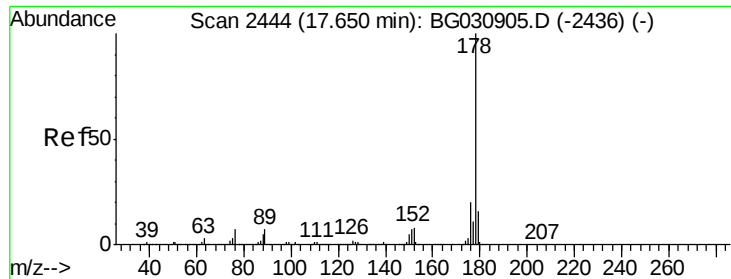
Sohil
 12/5/2017 3:26:43 PM



#70
 Phenanthrene
 Concen: 48.29 ng
 RT: 17.54 min Scan# 2425
 Delta R.T. -0.02 min
 Lab File: BG031350.D
 Acq: 4 Dec 2017 17:23

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.7	23.5
179	16.0	12.5	18.7





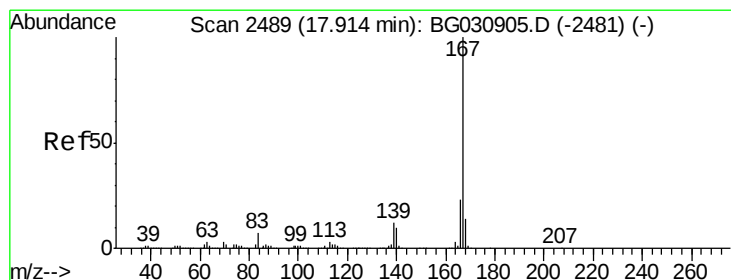
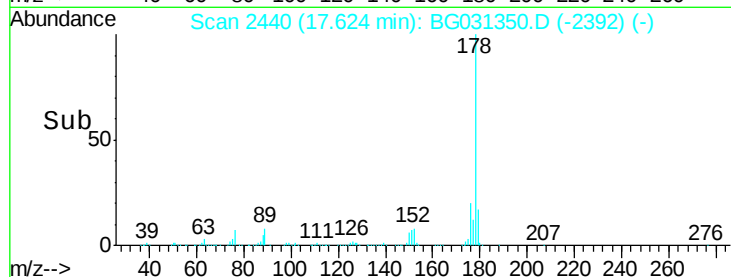
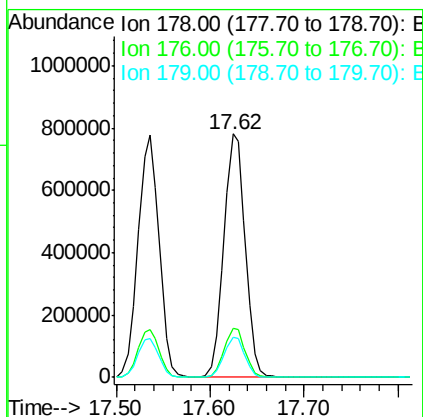
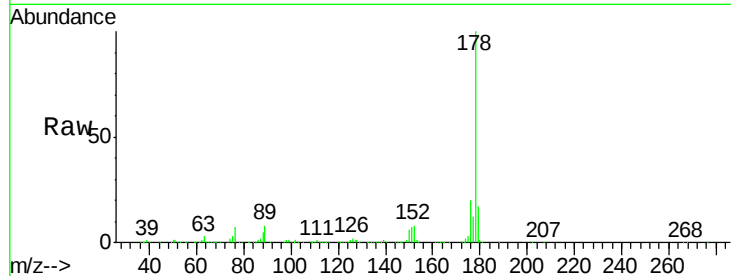
#71
 Anthracene
 Concen: 49.75 ng
 RT: 17.62 min Scan# 2440
 Delta R.T. -0.02 min
 Lab File: BG031350.D
 Acq: 4 Dec 2017 17:23

Instrument :
 BNA_G
 ClientSampled :
 PB104670BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.0	24.0
179	16.7	12.5	18.7

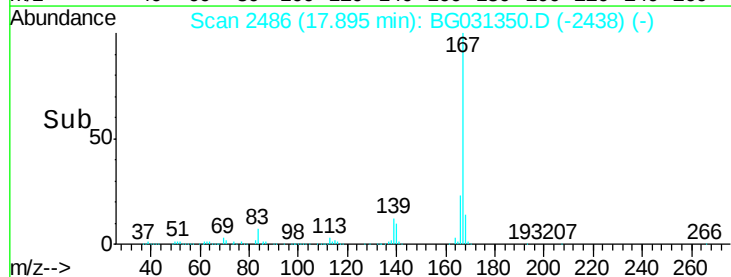
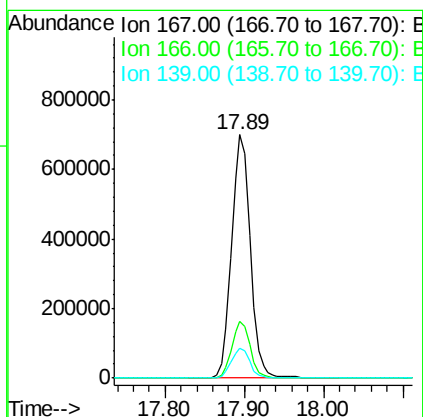
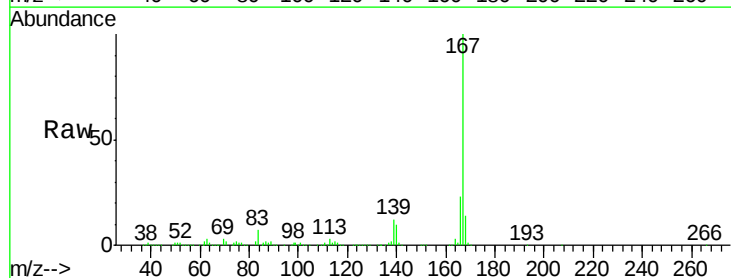
Manual Integrations
 APPROVED

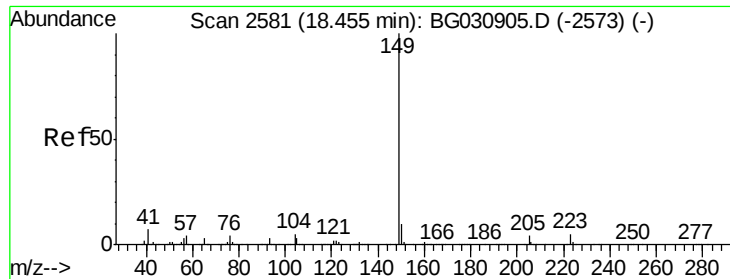
Sohil
 12/5/2017 3:26:43 PM



#72
 Carbazole
 Concen: 49.10 ng
 RT: 17.89 min Scan# 2486
 Delta R.T. -0.02 min
 Lab File: BG031350.D
 Acq: 4 Dec 2017 17:23

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.1	18.2	27.4
139	12.3	9.4	14.2





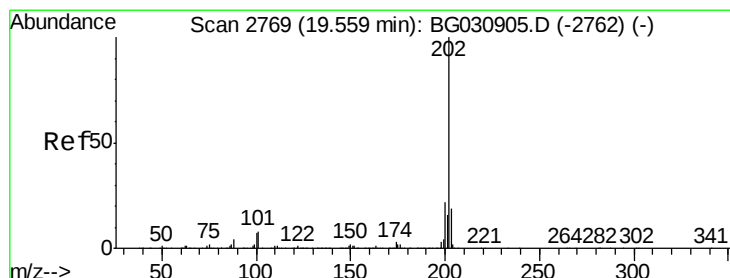
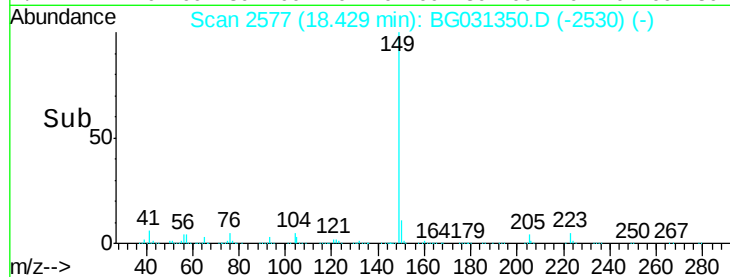
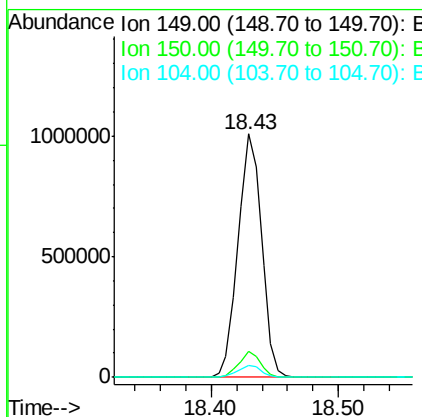
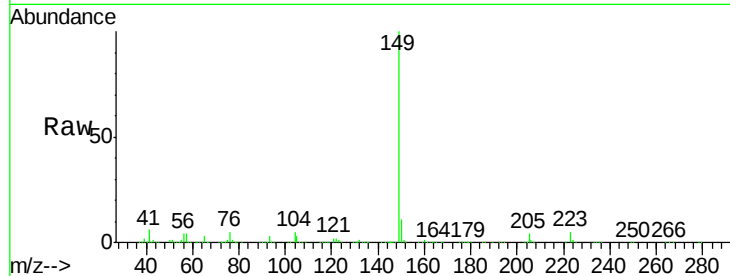
#73
Di-n-butylphthalate
Concen: 45.35 ng
RT: 18.43 min Scan# 2577
Delta R.T. -0.02 min
Lab File: BG031350.D
Acq: 4 Dec 2017 17:23

Instrument :
BNA_G
ClientSampleId :
PB104670BS

Tot Ion	Ion	Ratio	Lower	Upper
149	100			
150	10.7	7.8	11.6	
104	4.8	3.9	5.9	

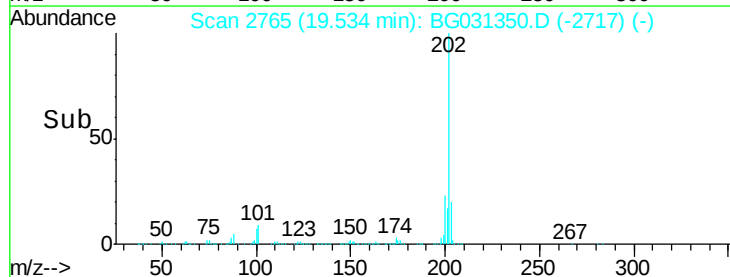
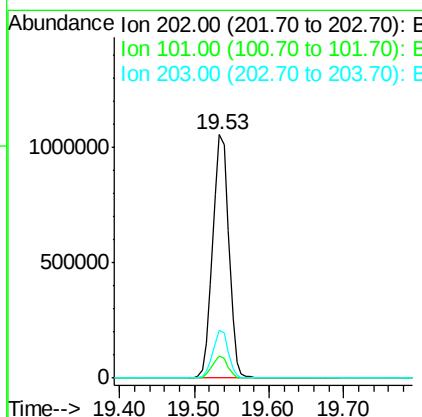
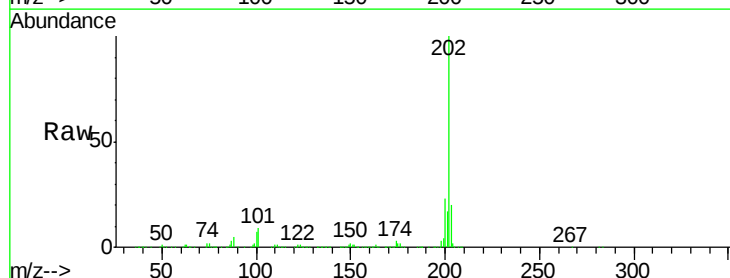
Manual Integrations
APPROVED

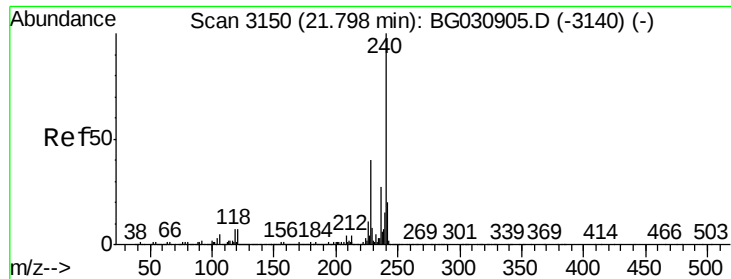
Sohil
12/5/2017 3:26:43 PM



#74
Fluoranthene
Concen: 50.22 ng
RT: 19.53 min Scan# 2765
Delta R.T. -0.02 min
Lab File: BG031350.D
Acq: 4 Dec 2017 17:23

Tgt Ion	Ion	Ratio	Lower	Upper
202	100			
101	9.2	0.0	28.9	
203	19.6	0.0	37.5	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.02 min

Lab File: BG031350.D

Acq: 4 Dec 2017 17:23

Instrument :

BNA_G

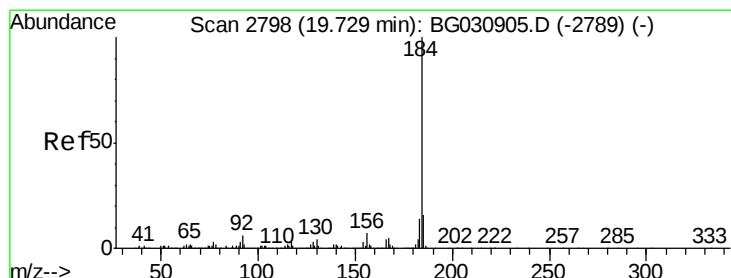
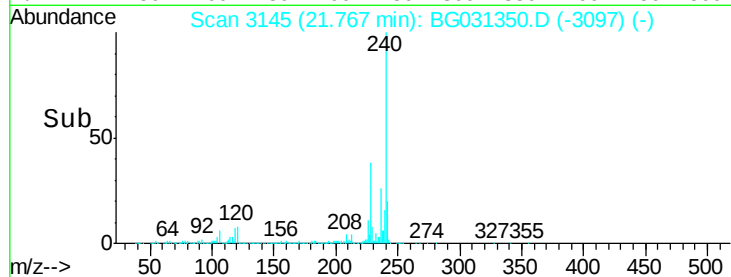
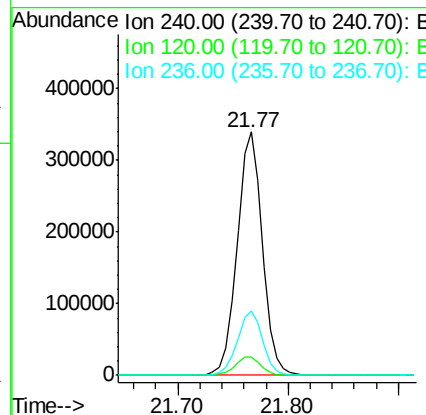
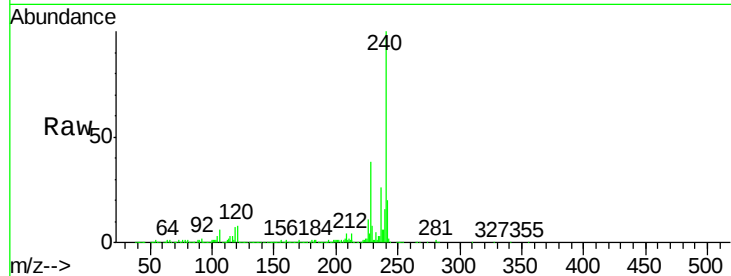
ClientSampled :

PB104670BS

Tot Ion:	240	Resp:	543500
Ion Ratio	Lower	Upper	
240	100		
120	7.8	6.8	10.2
236	26.2	20.9	31.3

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#76

Benzidine

Concen: 38.33 ng

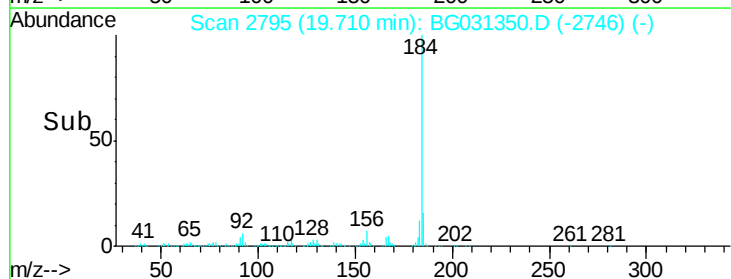
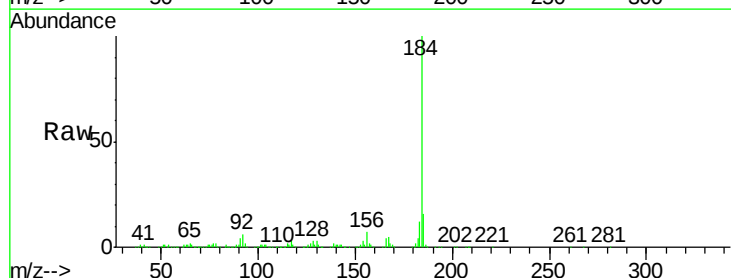
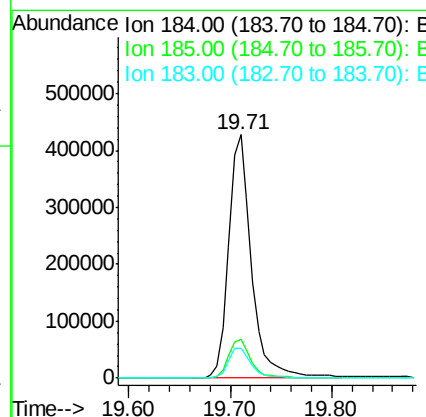
RT: 19.71 min Scan# 2795

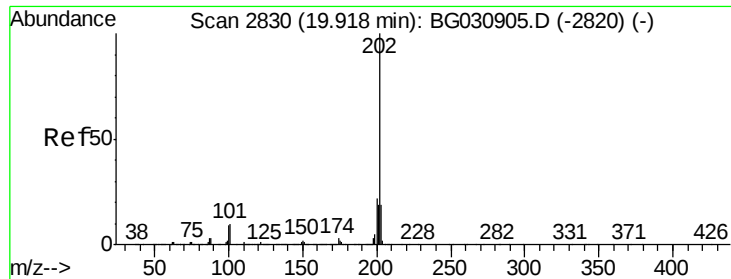
Delta R.T. -0.01 min

Lab File: BG031350.D

Acq: 4 Dec 2017 17:23

Tgt Ion:	184	Resp:	669191
Ion Ratio	Lower	Upper	
184	100		
185	16.0	11.1	16.7
183	12.3	10.6	16.0





#77

Pvrene

Concen: 49.66 ng

RT: 19.90 min Scan# 2827

Delta R.T. -0.02 min

Lab File: BG031350.D

Acq: 4 Dec 2017 17:23

Instrument :

BNA_G

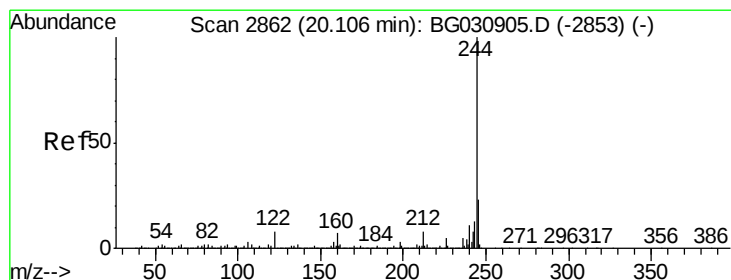
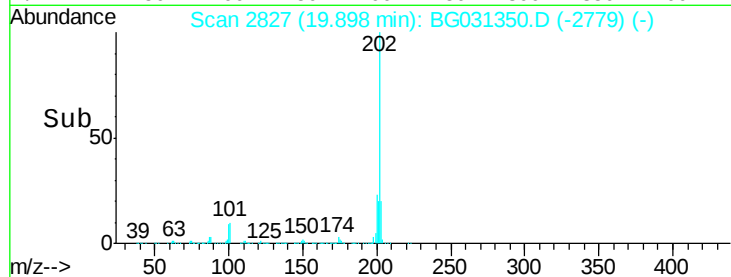
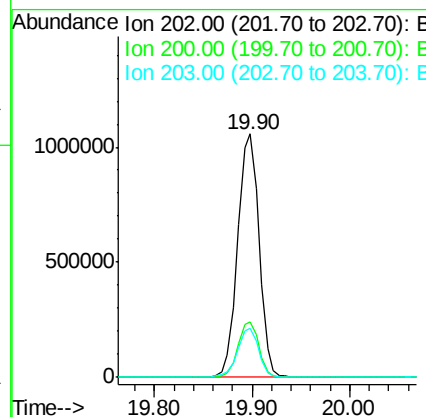
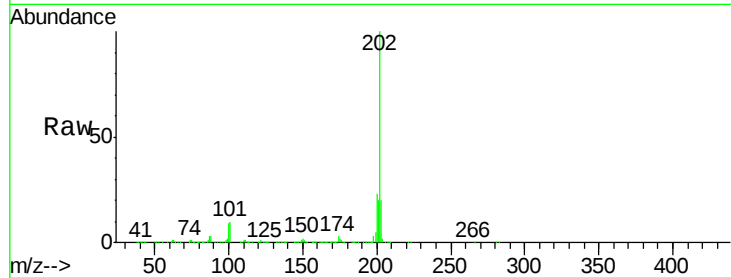
ClientSampleId :

PB104670BS

Tot Ion:	202	Resp:	1601738
Ion Ratio	Lower	Upper	
202	100		
200	23.0	16.9	25.3
203	20.0	13.9	20.9

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#78

Terphenyl-d14

Concen: 86.87 ng

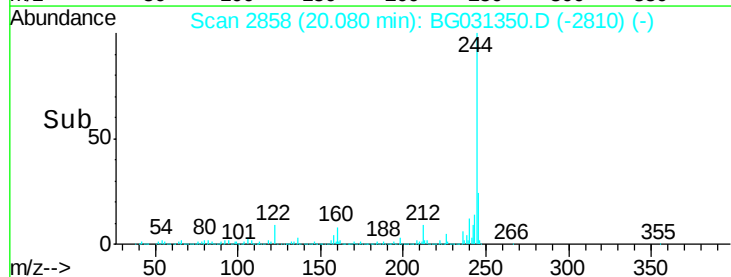
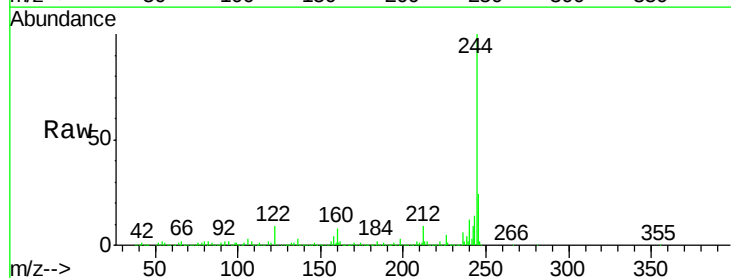
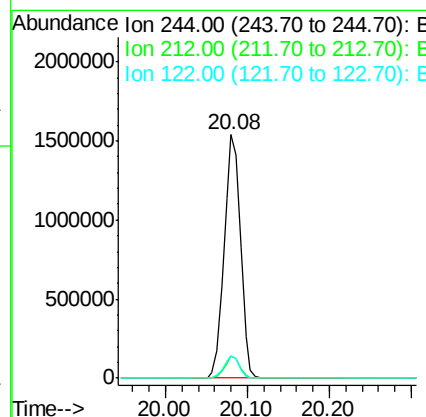
RT: 20.08 min Scan# 2858

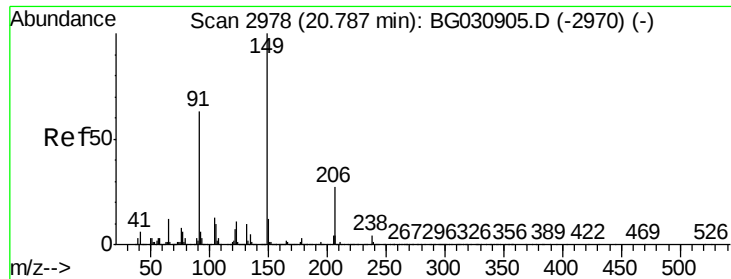
Delta R.T. -0.02 min

Lab File: BG031350.D

Acq: 4 Dec 2017 17:23

Tgt Ion:	244	Resp:	2138276
Ion Ratio	Lower	Upper	
244	100		
212	9.0	5.8	8.8#
122	9.2	7.0	10.4





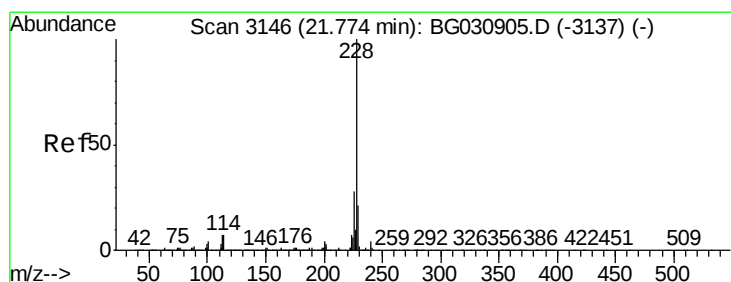
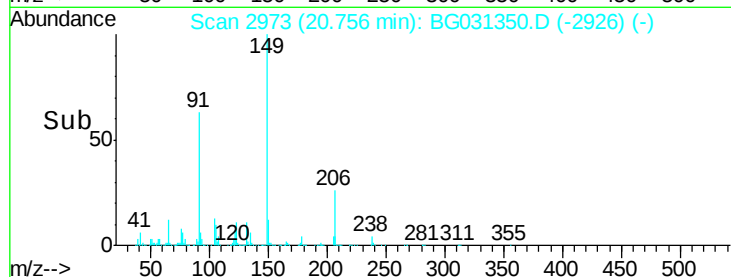
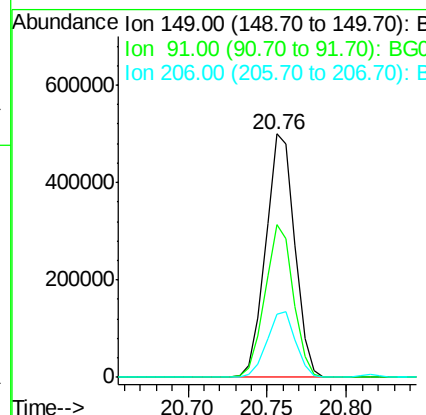
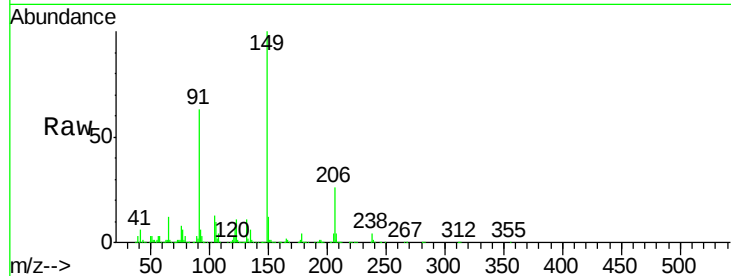
#79
Butylbenzylphthalate
Concen: 49.78 ng
RT: 20.76 min Scan# 2973
Delta R.T. -0.02 min
Lab File: BG031350.D
Acq: 4 Dec 2017 17:23

Instrument :
BNA_G
ClientSampleId :
PB104670BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	62.8	62.2	93.2
206	25.9	18.6	27.8

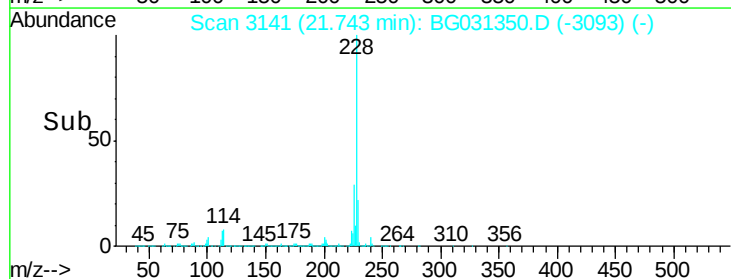
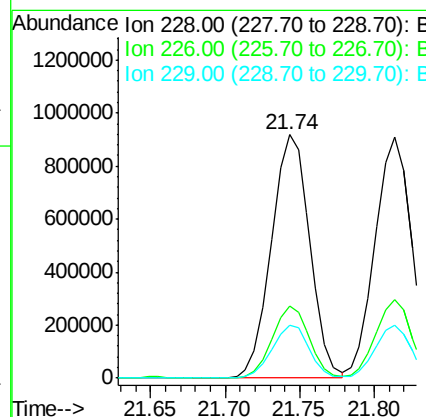
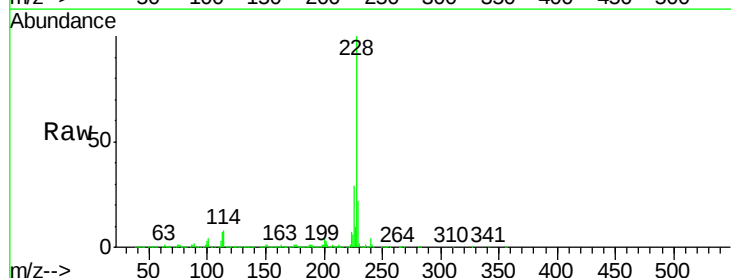
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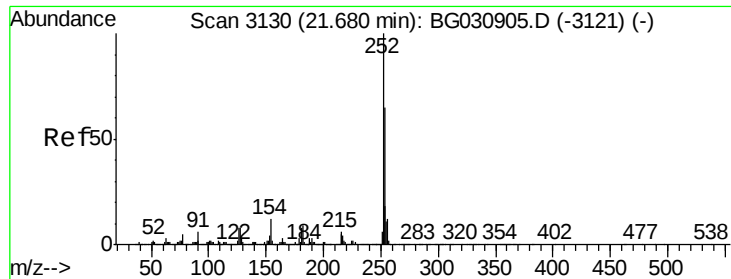
Sohil
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#80
Benzo(a)anthracene
Concen: 48.62 ng
RT: 21.74 min Scan# 3141
Delta R.T. -0.02 min
Lab File: BG031350.D
Acq: 4 Dec 2017 17:23

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	22.7	34.1
229	21.8	16.2	24.2





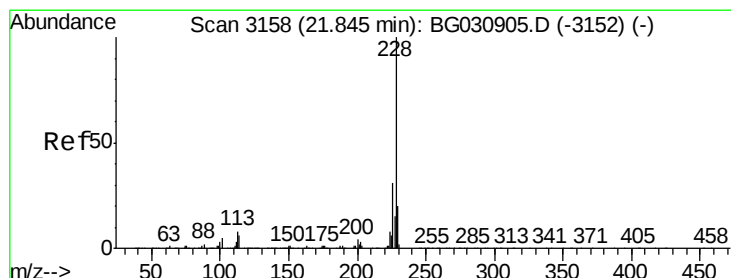
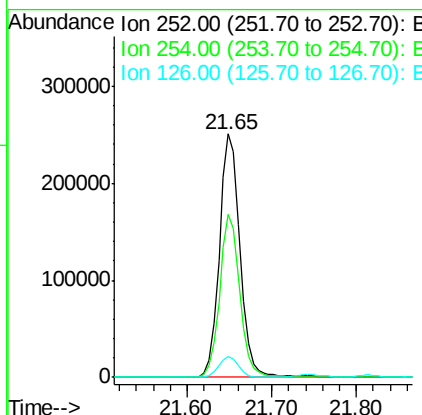
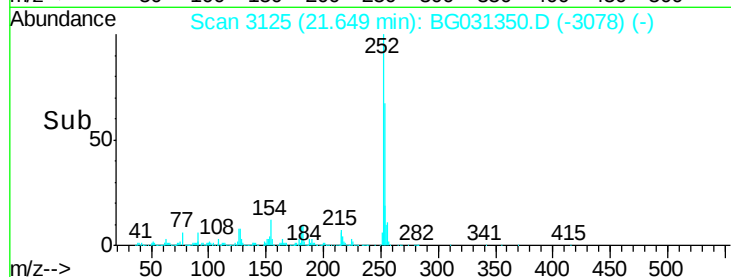
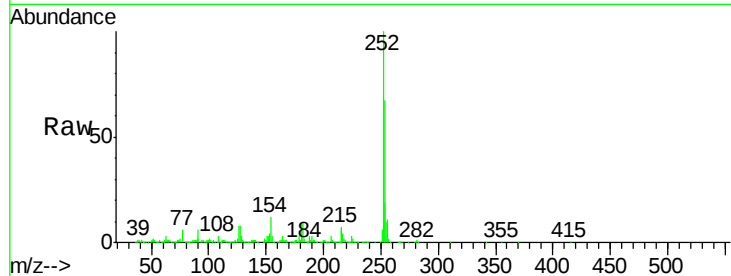
#81
 3,3'-Dichlorobenzidine
 Concen: 31.20 ng
 RT: 21.65 min Scan# 3125
 Delta R.T. -0.02 min
 Lab File: BG031350.D
 Acq: 4 Dec 2017 17:23

Instrument :
 BNA_G
 ClientSampleId :
 PB104670BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	66.9	50.8	76.2
126	8.5	7.4	11.2

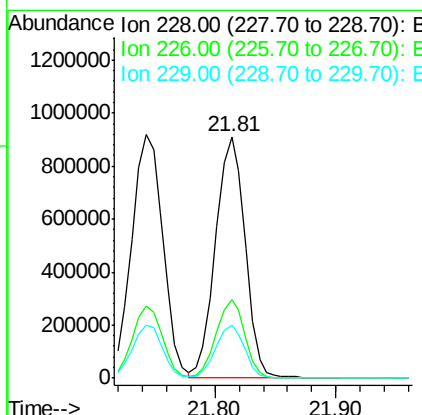
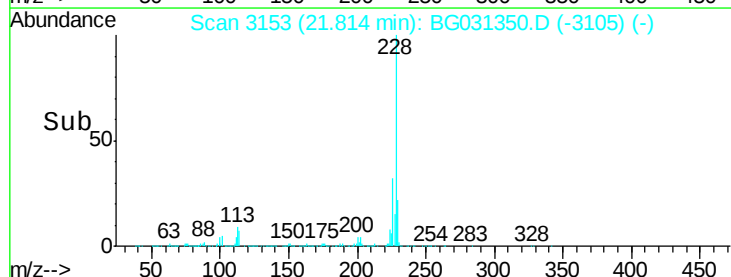
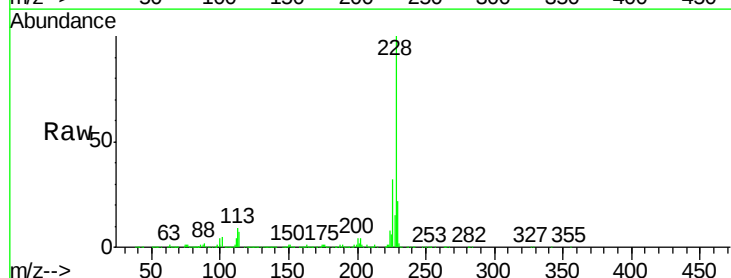
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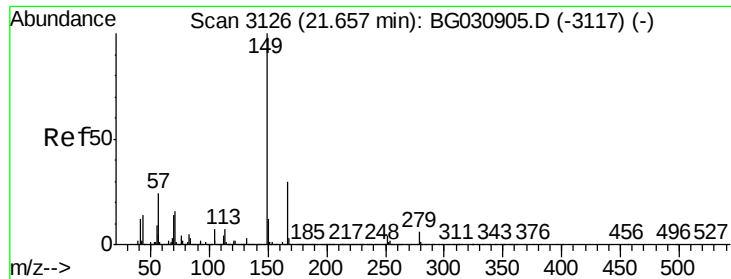
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#82
 Chrysene
 Concen: 49.17 ng
 RT: 21.81 min Scan# 3153
 Delta R.T. -0.02 min
 Lab File: BG031350.D
 Acq: 4 Dec 2017 17:23

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.5	24.9	37.3
229	21.9	15.0	22.4





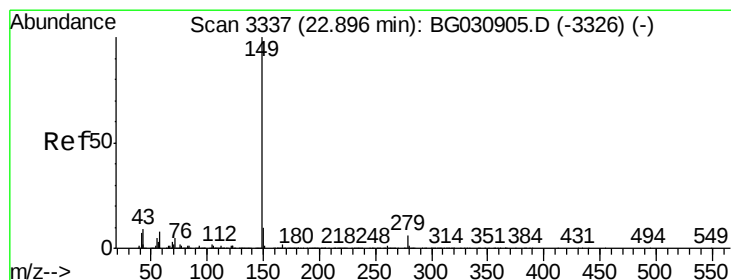
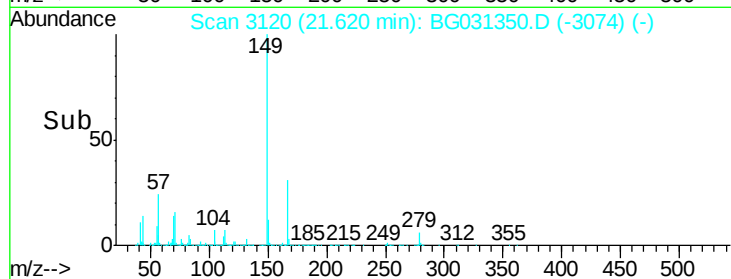
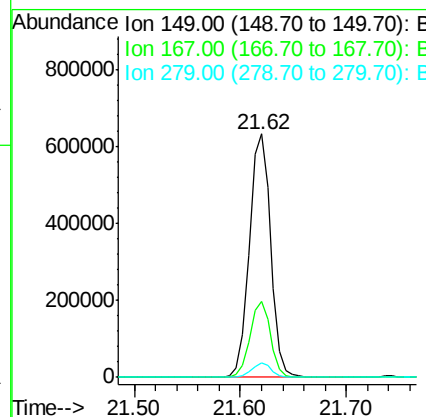
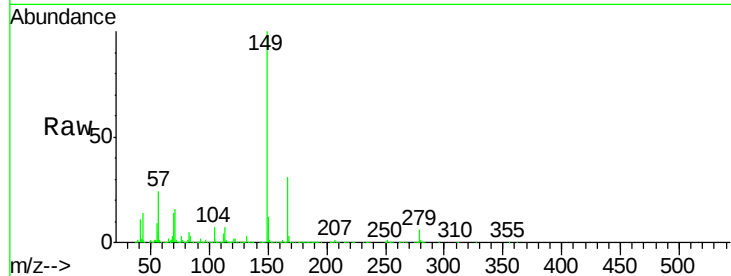
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.44 ng
 RT: 21.62 min Scan# 3120
 Delta R.T. -0.03 min
 Lab File: BG031350.D
 Acq: 4 Dec 2017 17:23

Instrument :
 BNA_G
 ClientSampleId :
 PB104670BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	31.0	24.3	36.5
279	5.7	4.0	6.0

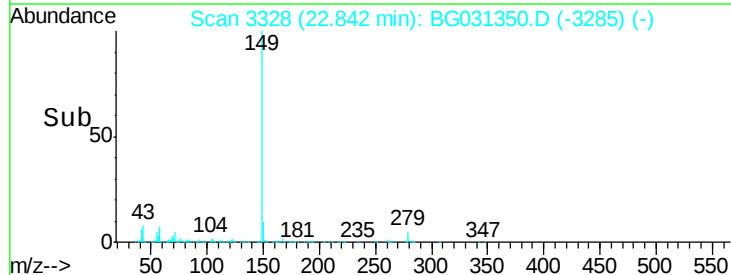
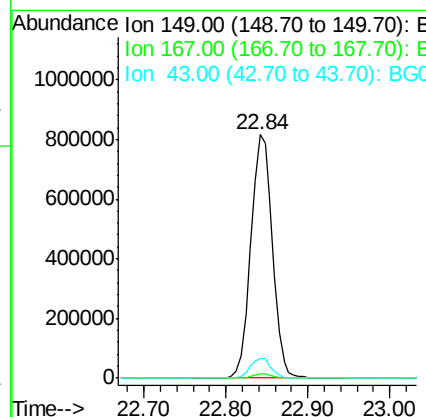
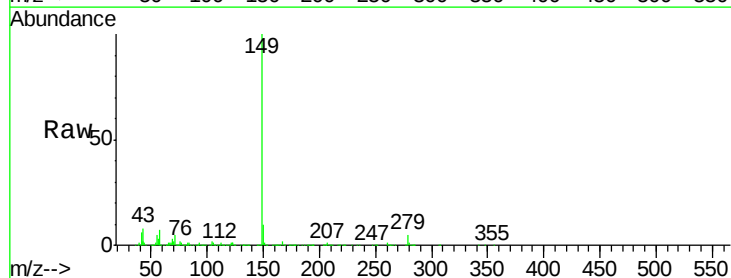
Manual Integrations
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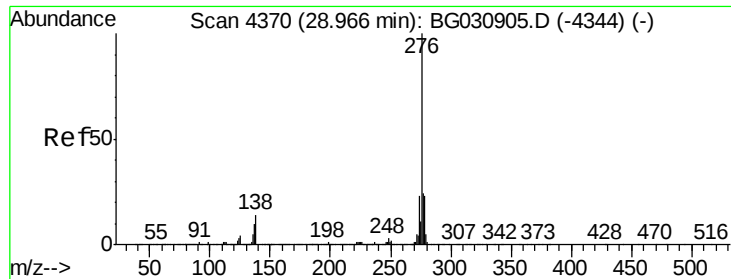
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#84
 Di-n-octyl phthalate
 Concen: 49.27 ng
 RT: 22.84 min Scan# 3328
 Delta R.T. -0.05 min
 Lab File: BG031350.D
 Acq: 4 Dec 2017 17:23

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	8.0	8.9	13.3#





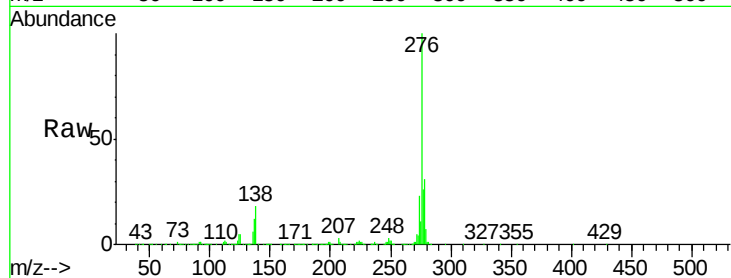
#85
Indeno(1,2,3-cd)pyrene
Concen: 48.76 ng
RT: 28.85 min Scan# 4351
Delta R.T. -0.04 min
Lab File: BG031350.D
Acq: 4 Dec 2017 17:23

Instrument :
BNA_G
ClientSampleId :
PB104670BS

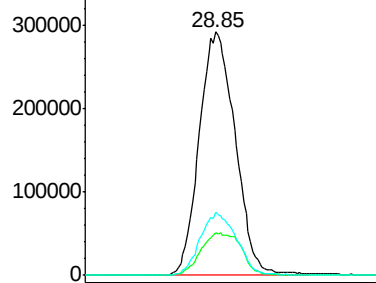
Tot Ion	Ratio	Lower	Upper
276	100		
138	19.6	16.0	24.0
277	25.9	20.0	30.0

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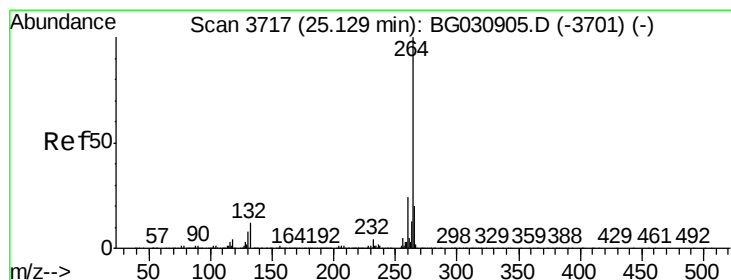
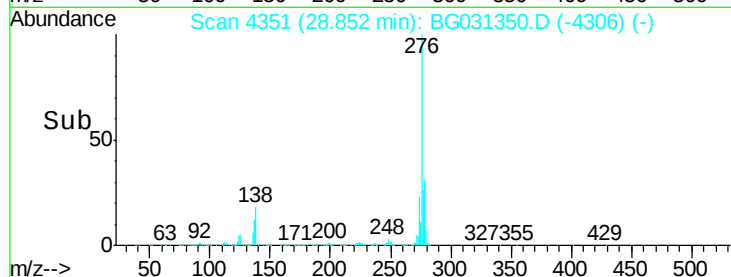
Sohil
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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

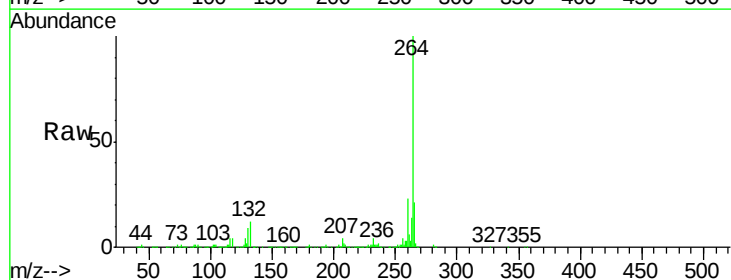


Time-->

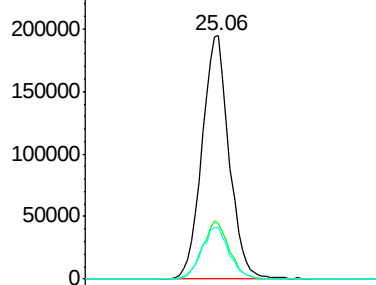


#86
Perylene-d12
Concen: 20.00 ng
RT: 25.06 min Scan# 3706
Delta R.T. -0.03 min
Lab File: BG031350.D
Acq: 4 Dec 2017 17:23

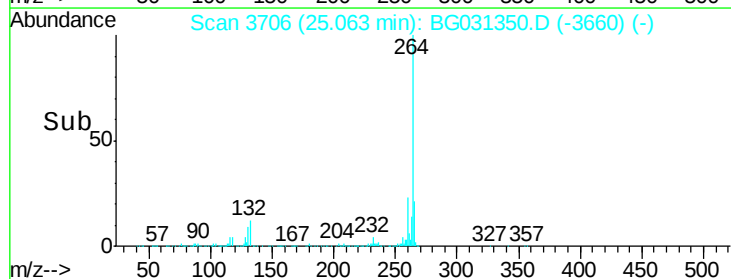
Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.4	26.0
265	21.2	17.7	26.5

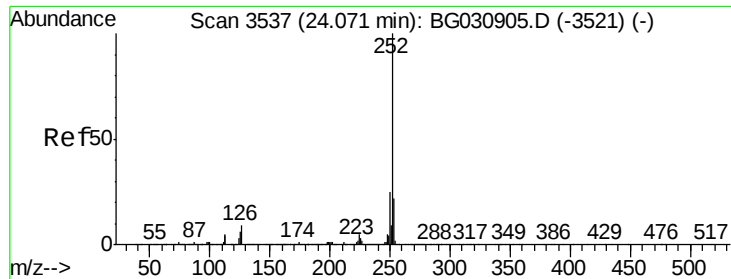


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



Time-->





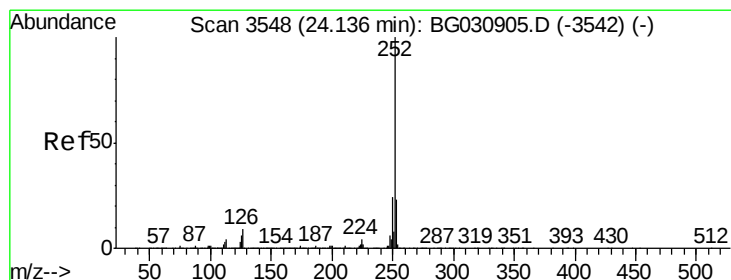
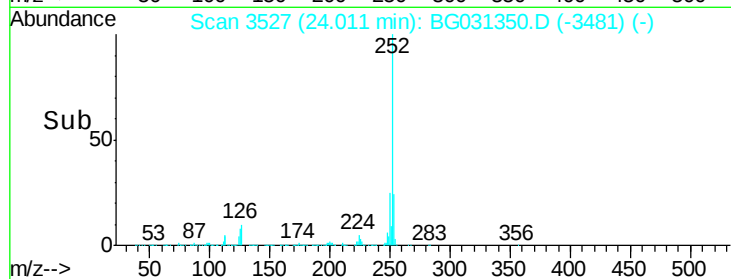
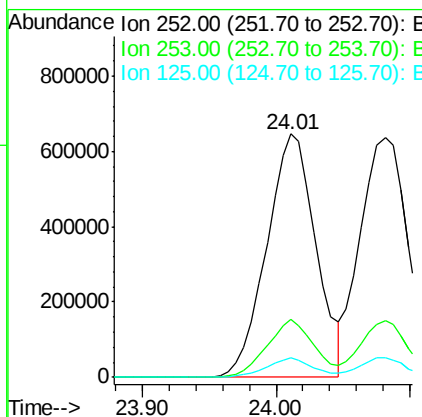
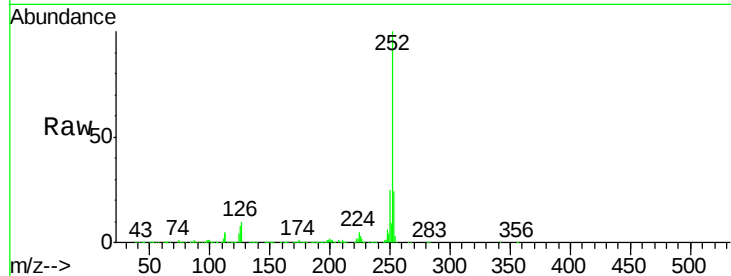
#87
Benzo(b)fluoranthene
Concen: 49.50 ng
RT: 24.01 min Scan# 3527
Delta R.T. -0.03 min
Lab File: BG031350.D
Acq: 4 Dec 2017 17:23

Instrument :
BNA_G
ClientSampleId :
PB104670BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.2	27.4
125	7.9	7.2	10.8

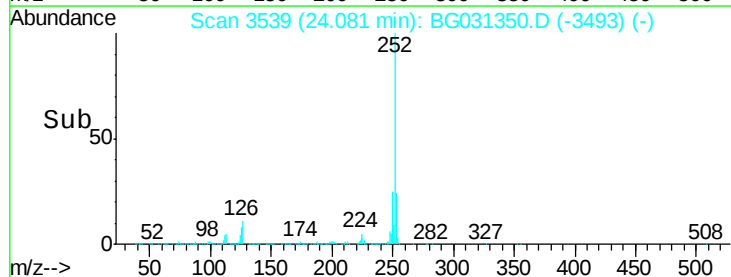
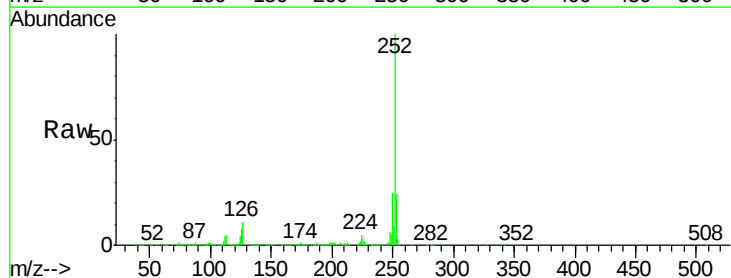
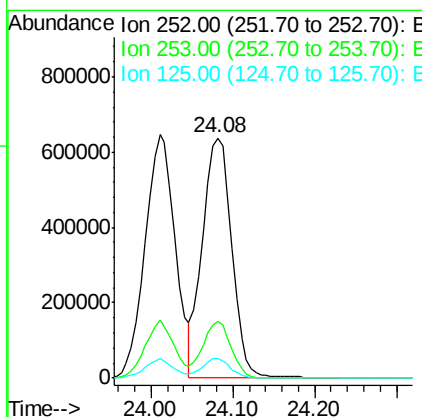
Manual Integrations
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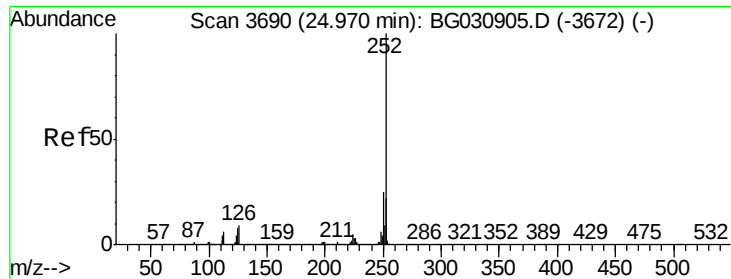
Sohil
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#88
Benzo(k)fluoranthene
Concen: 48.05 ng
RT: 24.08 min Scan# 3539
Delta R.T. -0.03 min
Lab File: BG031350.D
Acq: 4 Dec 2017 17:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.4	26.2
125	8.3	6.6	9.8





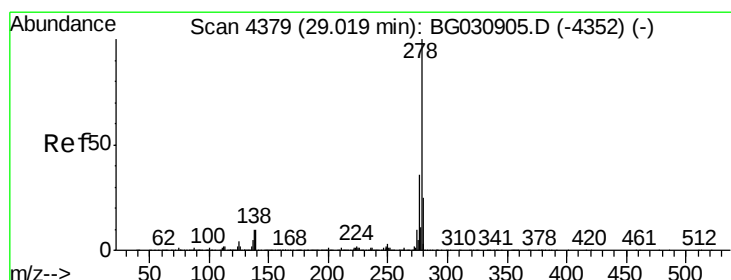
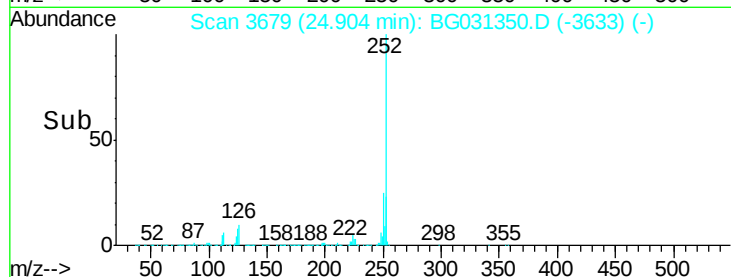
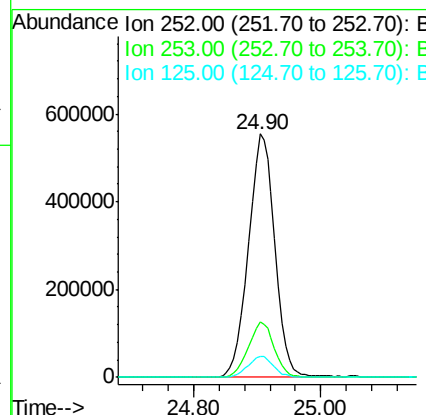
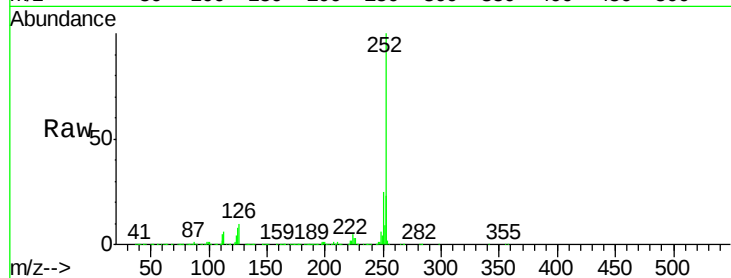
#89
Benzo(a)pyrene
Concen: 50.49 ng
RT: 24.90 min Scan# 3679
Delta R.T. -0.03 min
Lab File: BG031350.D
Acq: 4 Dec 2017 17:23

Instrument :
BNA_G
ClientSampleId :
PB104670BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.3	27.5
125	8.3	7.3	10.9

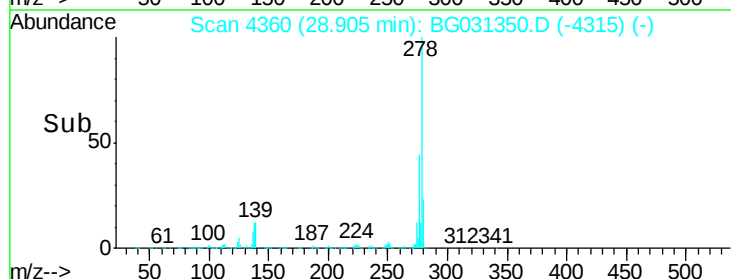
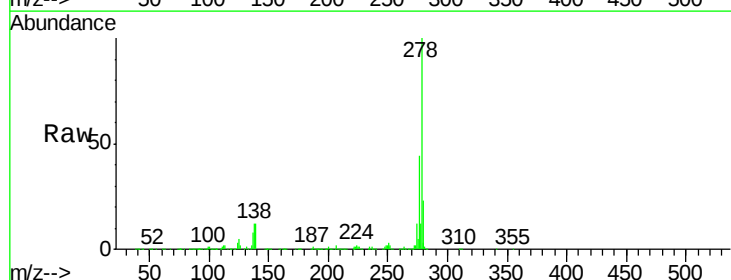
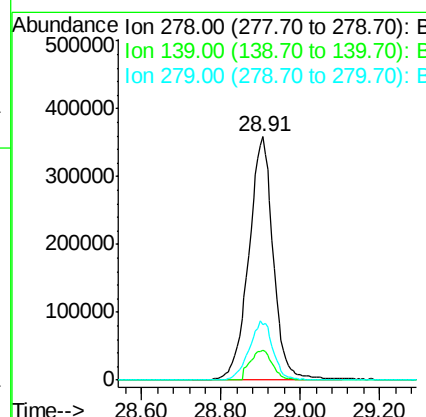
Manual Integrations
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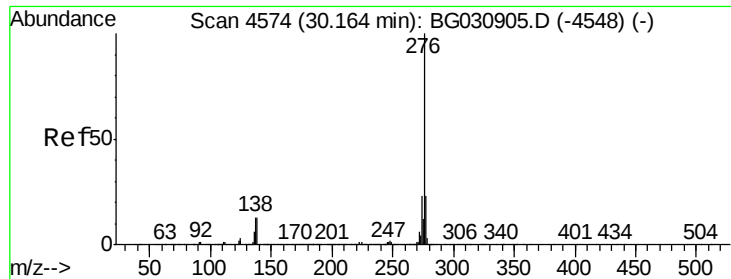
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 47.45 ng
RT: 28.91 min Scan# 4360
Delta R.T. -0.04 min
Lab File: BG031350.D
Acq: 4 Dec 2017 17:23

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.1	9.8	14.6
279	22.8	18.4	27.6





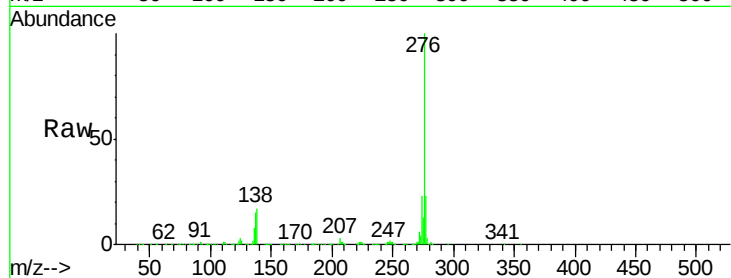
#91
 Benzo(a,h,i)perylene
 Concen: 47.94 ng
 RT: 30.03 min Scan# 4552
 Delta R.T. -0.04 min
 Lab File: BG031350.D
 Acq: 4 Dec 2017 17:23

Instrument :
 BNA_G
 ClientSampleId :
 PB104670BS

Tot Ion:	276	Resp:	1509805
Ion Ratio	Lower	Upper	
276	100		
277	23.3	18.3	27.5
138	17.2	13.9	20.9

Manual Integrations
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 12/5/2017 3:26:43 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

