

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121217\
 Data File : BG031497.D
 Acq On : 12 Dec 2017 18:17
 Operator : SJ/JU
 Sample : PB104933BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB104933BS

Manual Integrations
 APPROVED

Sohil
 12/13/2017 12:03:29 PM

Quant Time: Dec 13 06:36:07 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 11 17:25:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	60587	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	264048	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	180488	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	458979	20.00	ng	0.00
75) Chrysene-d12	21.75	240	506419	20.00	ng	0.00
86) Perylene-d12	25.03	264	502460	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.67	112	640985	187.53	ng	0.00
7) Phenol-d6	7.28	99	808741	170.43	ng	0.01
23) Nitrobenzene-d5	9.28	82	476983	111.34	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	379684	179.56	ng	0.00
44) 2-Fluorobiphenyl	13.36	172	1335248	108.59	ng	0.00
78) Terphenyl-d14	20.07	244	2316587	104.08	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	73732	45.209	ng	# 83
3) Pyridine	3.92	79	195821	45.603	ng	93
4) n-Nitrosodimethylamine	3.83	42	97869	48.388	ng	# 94
6) Aniline	7.43	93	155699	24.915	ng	94
8) 2-Chlorophenol	7.68	128	223228	58.548	ng	90
9) Benzaldehyde	7.24	77	158551	57.645	ng	92
10) Phenol	7.31	94	280650	57.574	ng	95
11) bis(2-Chloroethyl)ether	7.52	93	202177	50.817	ng	91
12) 1,3-Dichlorobenzene	7.99	146	238816	52.671	ng	94
13) 1,4-Dichlorobenzene	8.14	146	240624	51.063	ng	95
14) 1,2-Dichlorobenzene	8.46	146	228541	50.913	ng	96
15) Benzyl Alcohol	8.35	79	192117	51.756	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.63	45	301475	67.449	ng	90
17) 2-Methylphenol	8.56	107	189349	56.984	ng	96
18) Hexachloroethane	9.19	117	82789	52.120	ng	97
19) n-Nitroso-di-n-propylamine	8.91	70	159848	42.799	ng	# 97
20) 3+4-Methylphenols	8.89	107	261193	52.766	ng	97
22) Acetophenone	8.93	105	331349	52.309	ng	# 93
24) Nitrobenzene	9.32	77	239808	54.628	ng	# 92
25) Isophorone	9.84	82	447986	55.334	ng	# 93
26) 2-Nitrophenol	10.03	139	126284	58.177	ng	91
27) 2,4-Dimethylphenol	10.09	122	215935	65.485	ng	93
28) bis(2-Chloroethoxy)methane	10.31	93	279598	53.493	ng	97
29) 2,4-Dichlorophenol	10.58	162	246284	63.394	ng	90
30) 1,2,4-Trichlorobenzene	10.78	180	263026	53.002	ng	98
31) Naphthalene	10.97	128	664681	51.240	ng	100
32) Benzoic acid	10.27	122	101582	50.749	ng	# 79
33) 4-Chloroaniline	11.10	127	36896	6.551	ng	94
34) Hexachlorobutadiene	11.25	225	172206	52.315	ng	96
35) Caprolactam	11.87	113	89725m	58.816	ng	
36) 4-Chloro-3-methylphenol	12.21	107	245732	55.413	ng	89
37) 2-Methylnaphthalene	12.57	142	518391	51.613	ng	93
39) 1,2,4,5-Tetrachlorobenzene	12.93	216	344487	48.836	ng	97
40) Hexachlorocyclopentadiene	12.91	237	286367	103.455	ng	92

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Manual Integrations
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 12/13/2017 12:03:29 PM

Quant Time: Dec 13 06:36:07 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.18	196	212483	58.959	ng	99
43) 2,4,5-Trichlorophenol	13.26	196	224253	57.765	ng	# 93
45) 1,1'-Biphenyl	13.57	154	733392	49.473	ng	95
46) 2-Chloronaphthalene	13.62	162	569589	52.496	ng	96
47) 2-Nitroaniline	13.82	65	158803	52.086	ng	# 81
48) Acenaphthylene	14.46	152	862401	49.397	ng	98
49) Dimethylphthalate	14.18	163	763702	51.109	ng	98
50) 2,6-Dinitrotoluene	14.31	165	174955	54.778	ng	# 79
51) Acenaphthene	14.80	154	536676	48.616	ng	99
52) 3-Nitroaniline	14.64	138	46672	14.335	ng	# 83
53) 2,4-Dinitrophenol	14.86	184	175313	125.702	ng	# 49
54) Dibenzofuran	15.13	168	880571	49.988	ng	99
55) 4-Nitrophenol	14.97	139	247498	111.062	ng	# 84
56) 2,4-Dinitrotoluene	15.10	165	250608	55.244	ng	# 77
57) Fluorene	15.78	166	713760	50.568	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.36	232	226320	62.021	ng	# 89
59) Diethylphthalate	15.54	149	761419	50.836	ng	97
60) 4-Chlorophenyl-phenylether	15.76	204	418846	48.502	ng	93
61) 4-Nitroaniline	15.81	138	175903	51.484	ng	92
62) Azobenzene	16.05	77	629792	50.760	ng	95
64) 4,6-Dinitro-2-methylphenol	15.87	198	133021	47.894	ng	80
65) n-Nitrosodiphenylamine	15.98	169	671342	49.972	ng	99
66) 4-Bromophenyl-phenylether	16.65	248	284701	53.343	ng	99
67) Hexachlorobenzene	16.78	284	286208	51.932	ng	96
68) Atrazine	16.92	200	294977	60.049	ng	96
69) Pentachlorophenol	17.14	266	257113	95.847	ng	97
70) Phenanthrene	17.52	178	1211342	50.534	ng	97
71) Anthracene	17.61	178	1263684	53.304	ng	99
72) Carbazole	17.88	167	1151385	53.668	ng	98
73) Di-n-butylphthalate	18.42	149	1331853	53.757	ng	99
74) Fluoranthene	19.52	202	1563494	52.119	ng	97
76) Benzidine	19.69	184	534336	45.339	ng	98
77) Pyrene	19.88	202	1601162	50.884	ng	95
79) Butylbenzylphthalate	20.74	149	622727	56.412	ng	86
80) Benzo(a)anthracene	21.72	228	1582454	51.770	ng	97
81) 3,3'-Dichlorobenzidine	21.64	252	278051	26.137	ng	99
82) Chrysene	21.80	228	1501360	51.235	ng	96
83) Bis(2-ethylhexyl)phthalate	21.60	149	863724	54.385	ng	100
84) Di-n-octyl phthalate	22.82	149	1453501	55.483	ng	95
85) Indeno(1,2,3-cd)pyrene	28.82	276	1764274	56.337	ng	# 79
87) Benzo(b)fluoranthene	23.99	252	1584908	52.760	ng	99
88) Benzo(k)fluoranthene	24.06	252	1539882	50.231	ng	98
89) Benzo(a)pyrene	24.88	252	1549172	54.364	ng	99
90) Dibenzo(a,h)anthracene	28.86	278	1461346	53.627	ng	97
91) Benzo(g,h,i)perylene	29.99	276	1470547	54.890	ng	98

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

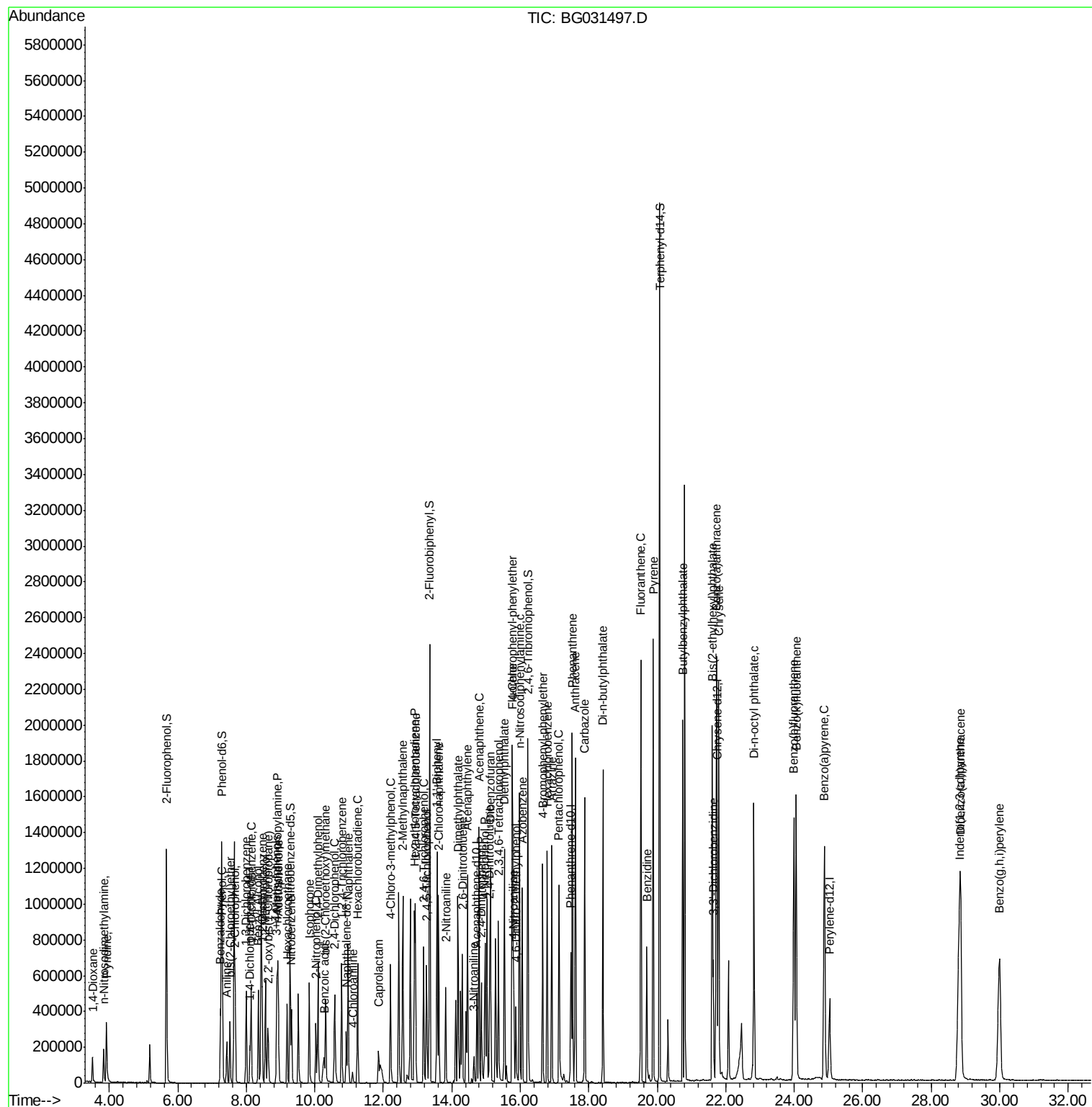
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121217\
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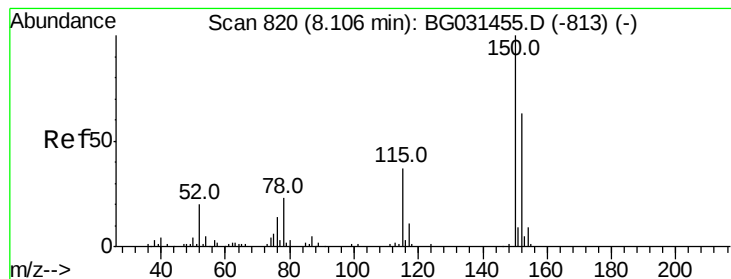
Instrument :
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 ClientSampleId :
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#1

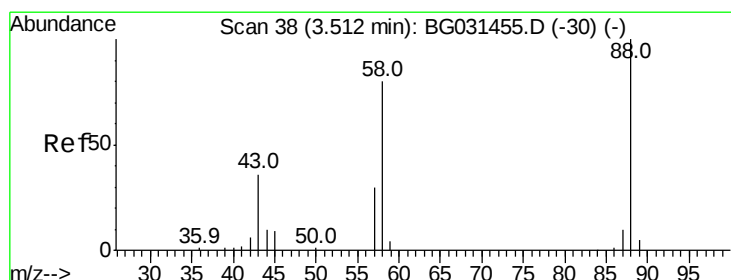
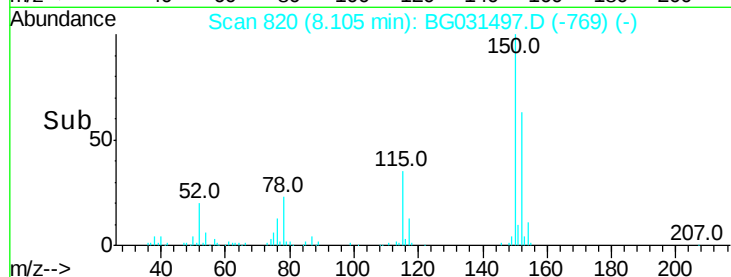
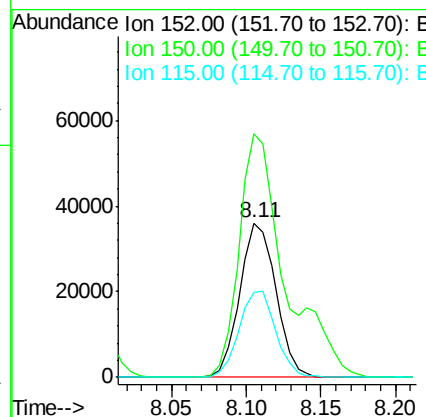
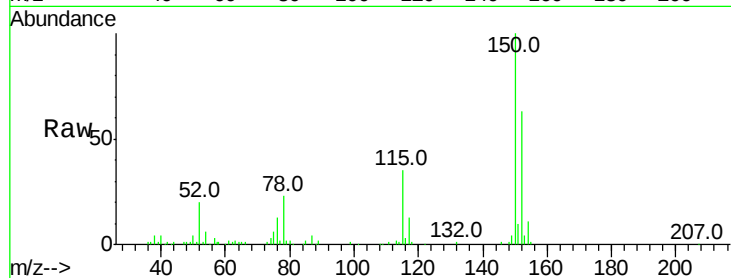
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG031497.D
Acq: 12 Dec 2017 18:17

Instrument :
BNA_G
ClientSampleId :
PB104933BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	126.6	189.8
115	55.4	53.0	79.4

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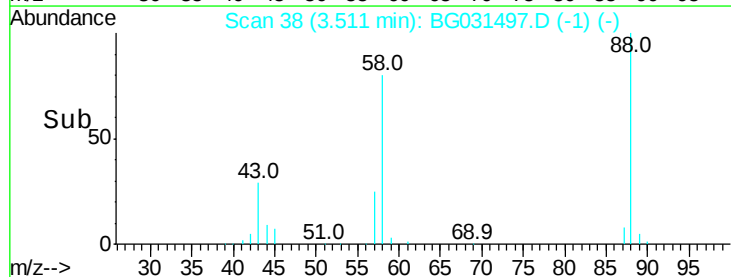
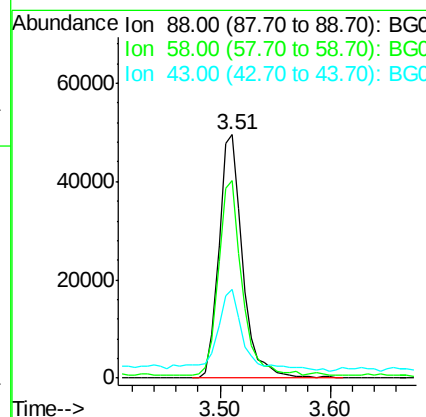
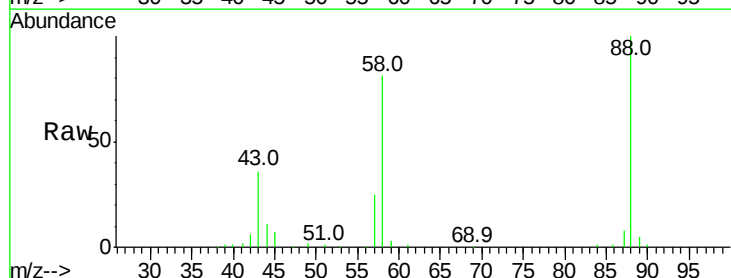
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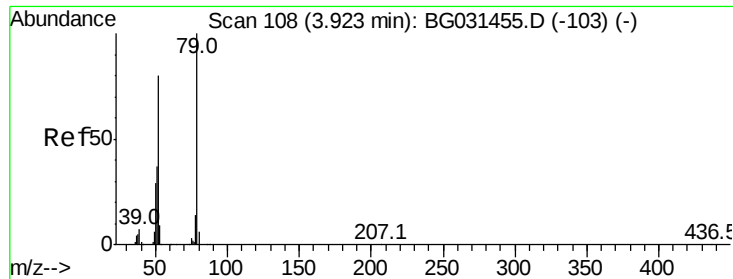


#2

1,4-Dioxane
Concen: 45.209 ng
RT: 3.51 min Scan# 38
Delta R.T. -0.00 min
Lab File: BG031497.D
Acq: 12 Dec 2017 18:17

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.7	79.6	119.4#
43	37.7	27.4	41.0





#3

Pvridine

Concen: 45.603 ng

RT: 3.92 min Scan# 107

Delta R.T. -0.01 min

Lab File: BG031497.D

Acq: 12 Dec 2017 18:17

Instrument :

BNA_G

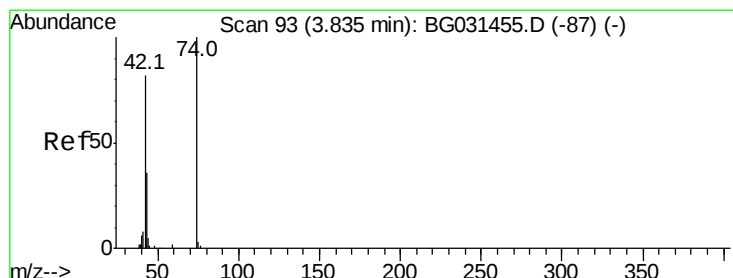
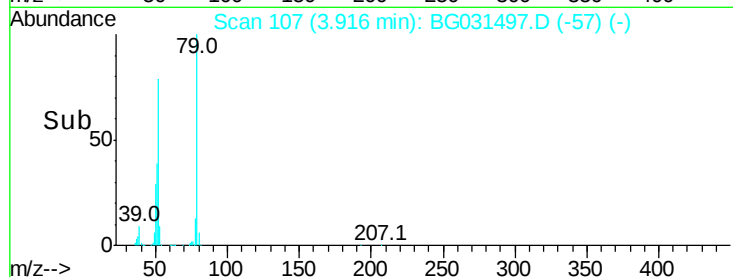
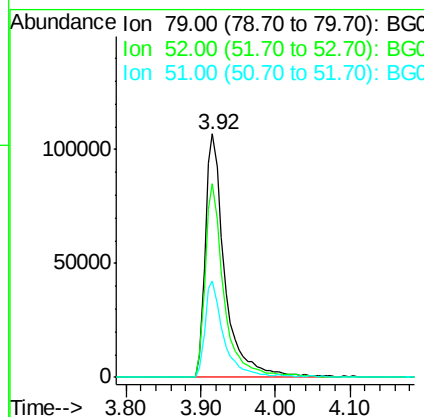
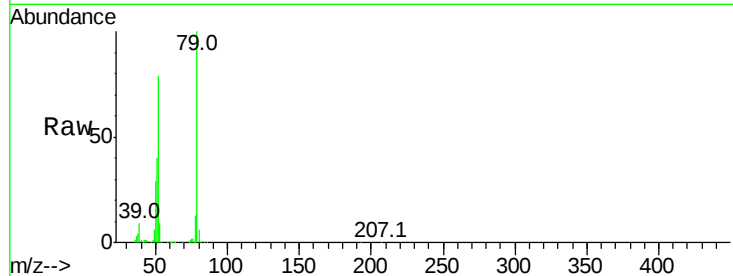
ClientSampleId :

PB104933BS

Tot Ion:	79	Resp:	195821
Ion Ratio	Lower	Upper	
79	100		
52	79.5	69.9	104.9
51	39.6	34.0	51.0

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 48.388 ng

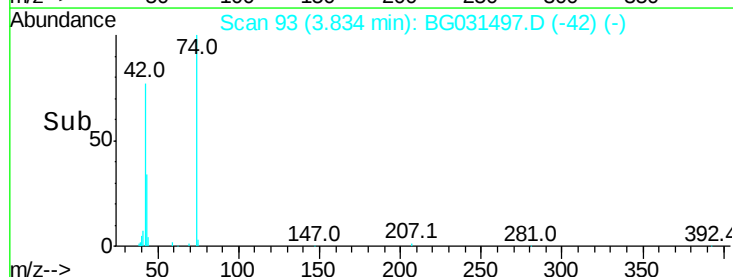
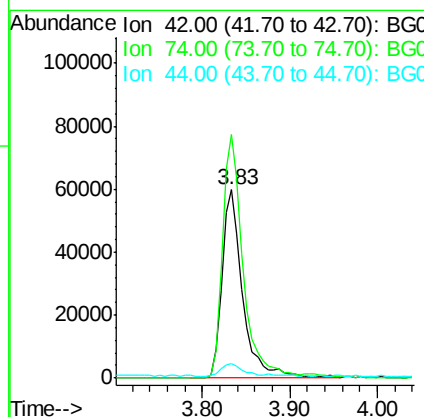
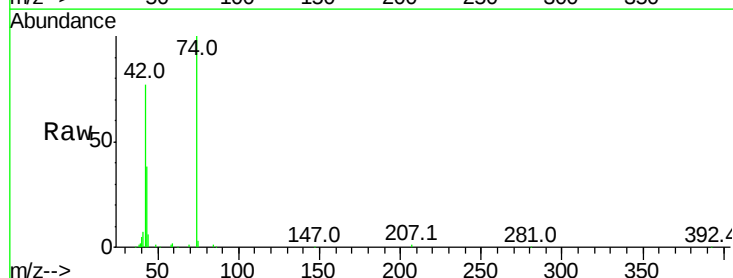
RT: 3.83 min Scan# 93

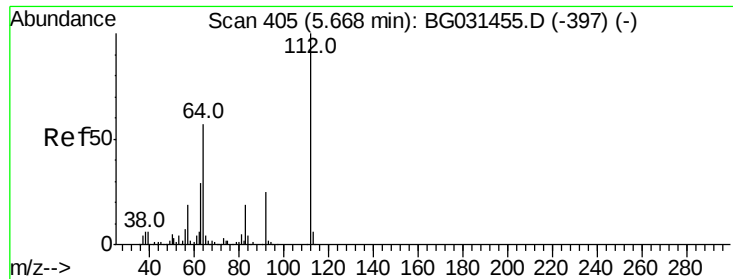
Delta R.T. -0.00 min

Lab File: BG031497.D

Acq: 12 Dec 2017 18:17

Tgt Ion:	42	Resp:	97869
Ion Ratio	Lower	Upper	
42	100		
74	129.2	102.5	153.7
44	7.6	18.9	28.3#





#5

2-Fluorophenol

Concen: 187.525 ng

RT: 5.67 min Scan# 405

Delta R.T. -0.00 min

Lab File: BG031497.D

Acq: 12 Dec 2017 18:17

Instrument :

BNA_G

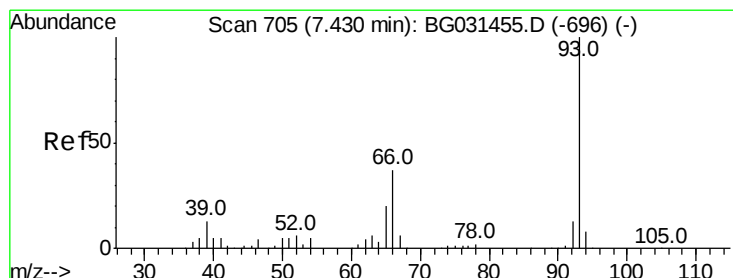
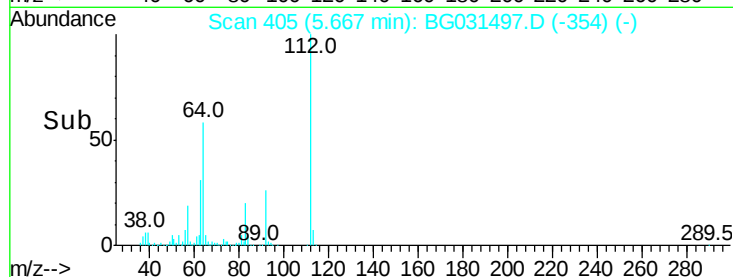
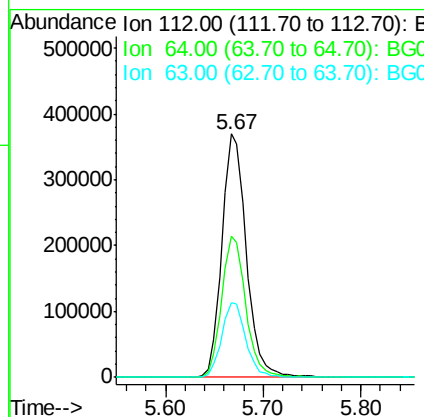
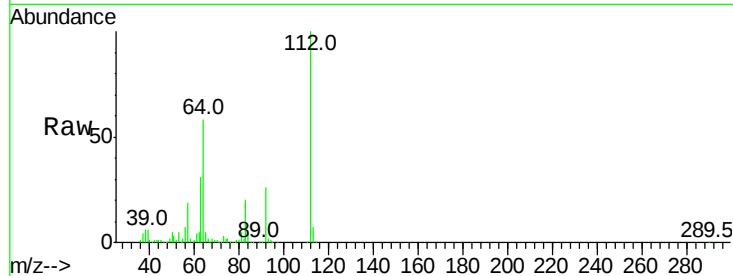
ClientSampleId :

PB104933BS

Tot Ion:	112	Resp:	640985
Ion Ratio	Lower	Upper	
112	100		
64	58.1	56.3	84.5
63	30.9	30.1	45.1

Manual Integrations
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#6

Aniline

Concen: 24.915 ng

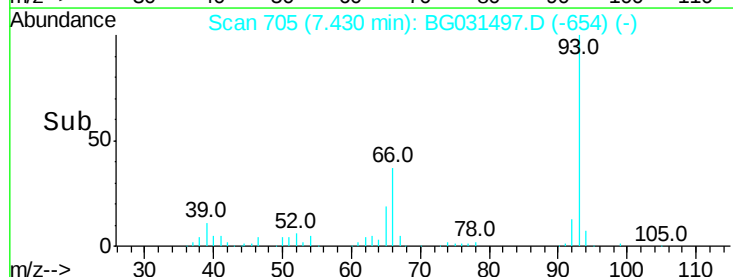
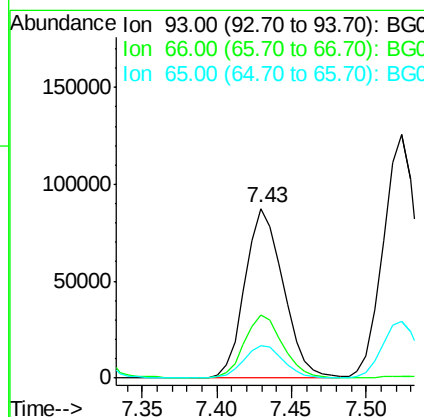
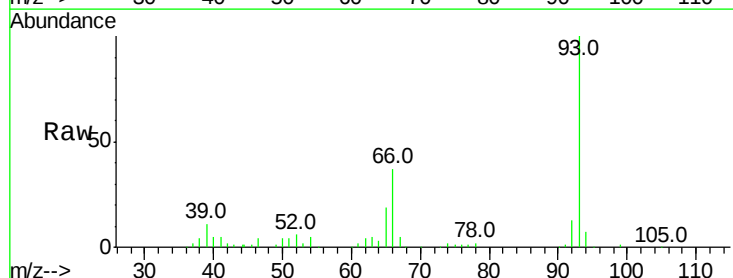
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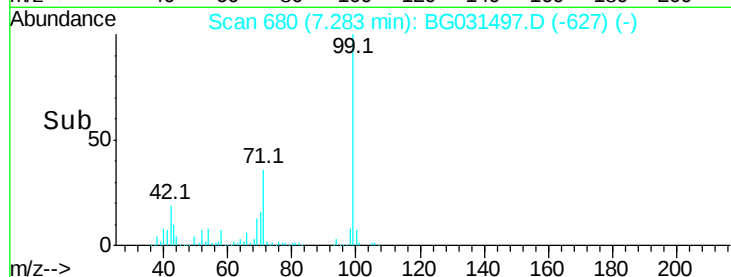
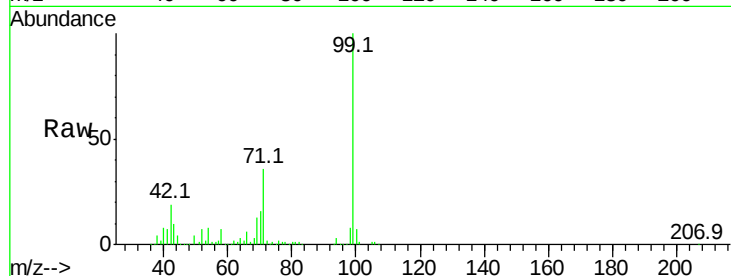
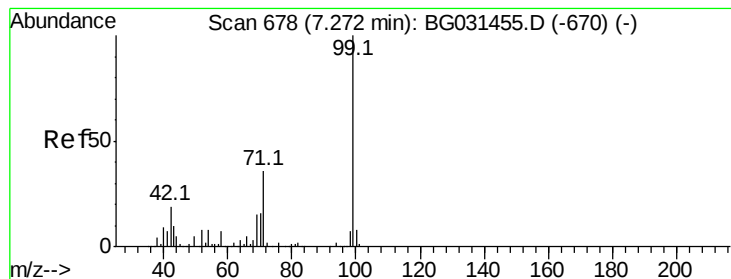
Delta R.T. -0.00 min

Lab File: BG031497.D

Acq: 12 Dec 2017 18:17

Tgt Ion:	93	Resp:	155699
Ion Ratio	Lower	Upper	
93	100		
66	37.4	33.7	50.5
65	18.9	16.1	24.1





#7

Phenol-d6

Concen: 170.435 ng

RT: 7.28 min Scan# 680

Delta R.T. 0.01 min

Lab File: BG031497.D

Acq: 12 Dec 2017 18:17

Tot Ion	99	Resp	808741
Ion Ratio	Lower	Upper	
99	100		
42	18.9	14.1	21.1
71	35.9	26.1	39.1

Instrument :

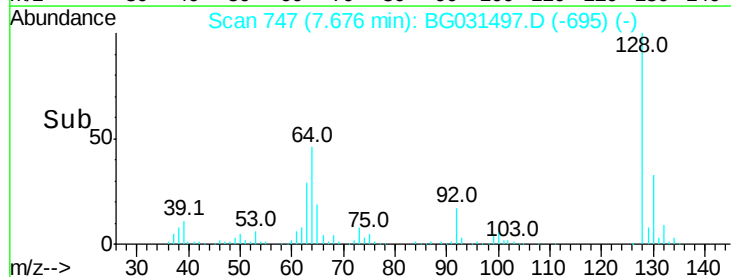
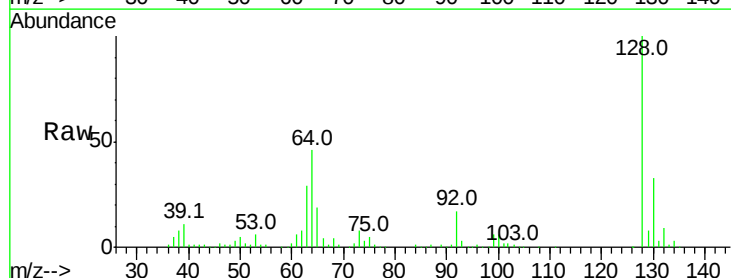
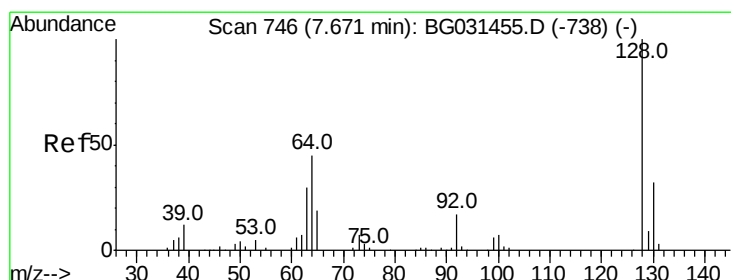
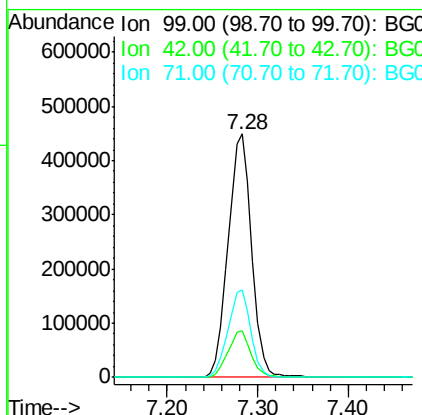
BNA_G

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#8

2-Chlorophenol

Concen: 58.548 ng

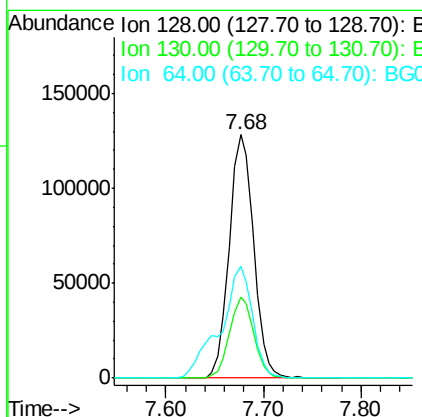
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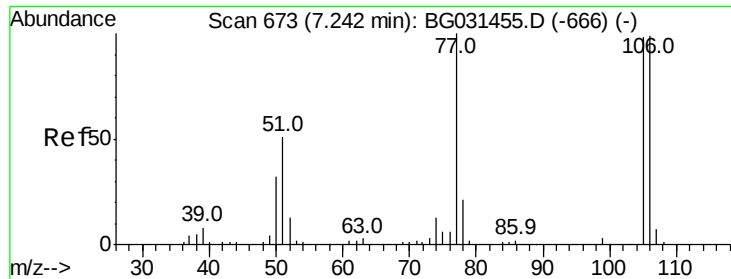
Delta R.T. 0.01 min

Lab File: BG031497.D

Acq: 12 Dec 2017 18:17

Tgt Ion	128	Resp	223228
Ion Ratio	Lower	Upper	
128	100		
130	33.4	14.0	54.0
64	46.1	37.7	77.7





#9

Benzaldehyde

Concen: 57.645 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.00 min

Lab File: BG031497.D

Acq: 12 Dec 2017 18:17

Instrument :

BNA_G

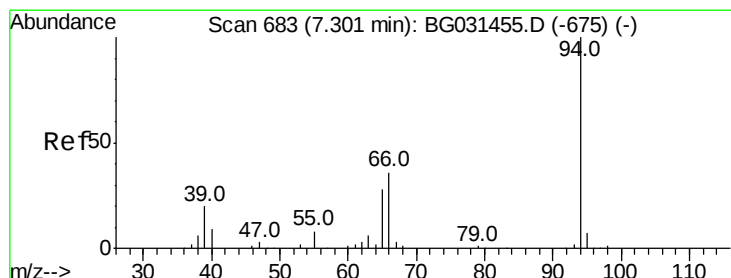
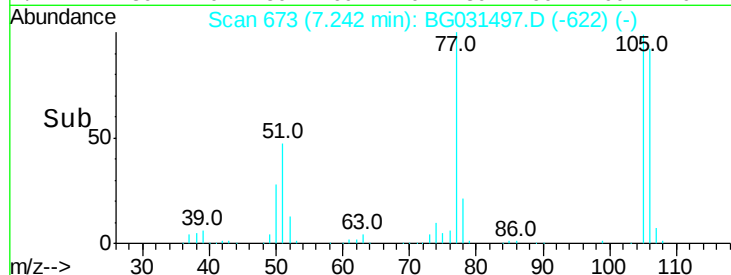
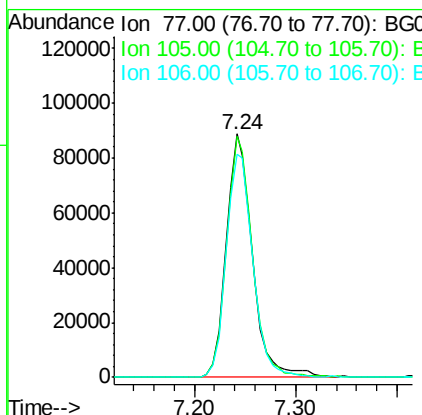
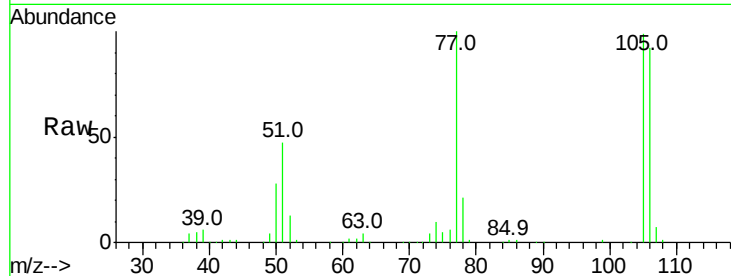
ClientSampleId :

PB104933BS

Tot Ion:	77	Resp:	158551
Ion Ratio	Lower	Upper	
77	100		
105	98.9	71.3	111.3
106	91.5	64.2	104.2

Manual Integrations
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#10

Phenol

Concen: 57.574 ng

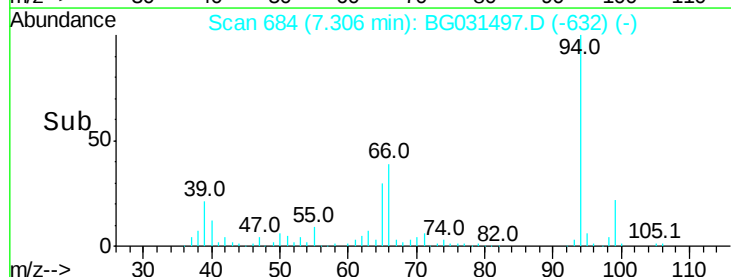
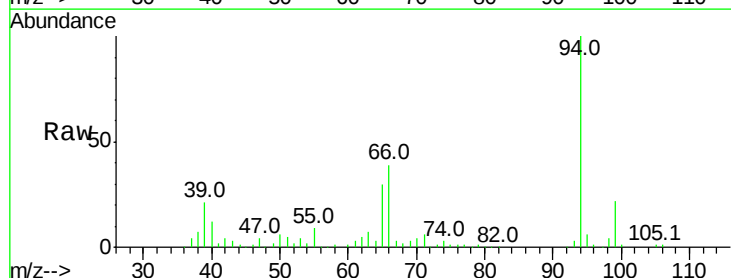
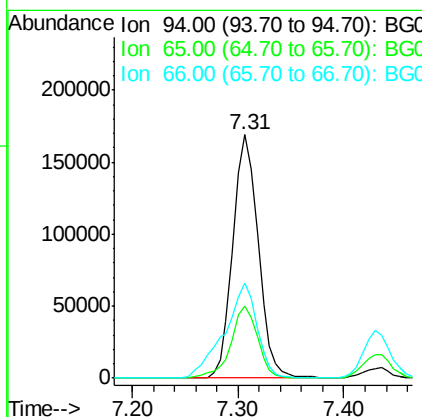
RT: 7.31 min Scan# 684

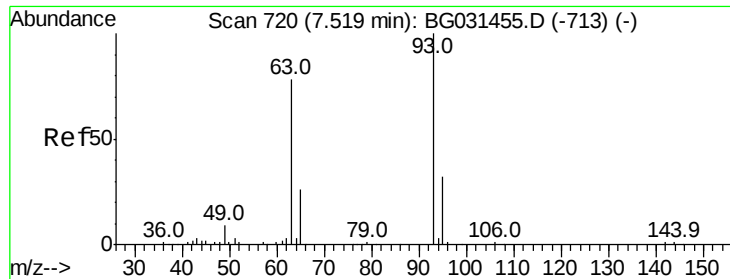
Delta R.T. 0.01 min

Lab File: BG031497.D

Acq: 12 Dec 2017 18:17

Tgt Ion:	94	Resp:	280650
Ion Ratio	Lower	Upper	
94	100		
65	29.6	11.9	51.9
66	39.1	22.2	62.2





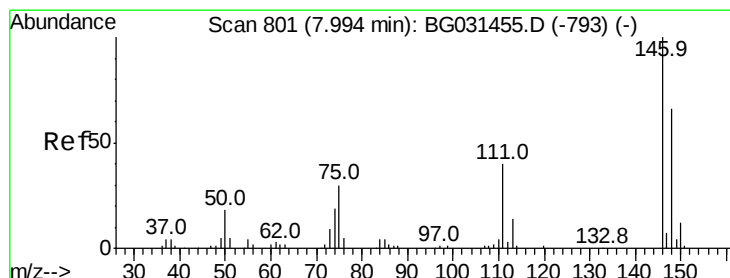
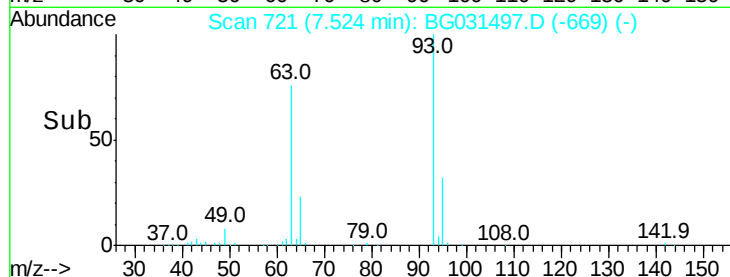
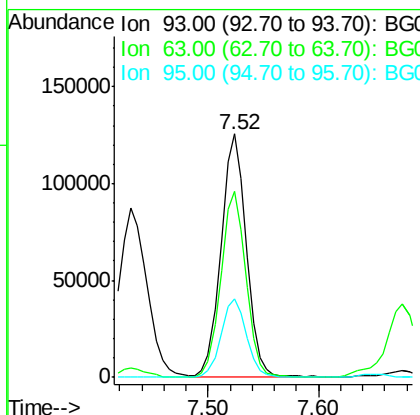
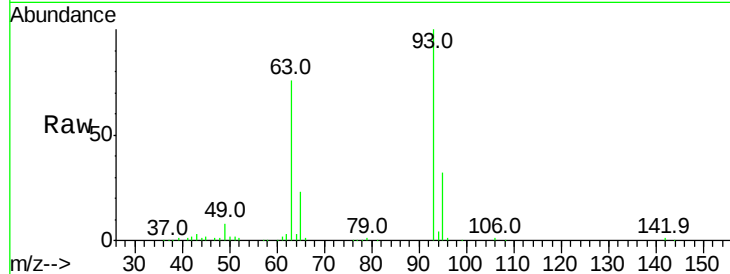
#11
bis(2-Chloroethyl)ether
Concen: 50.817 ng
RT: 7.52 min Scan# 721
Delta R.T. 0.01 min
Lab File: BG031497.D
Acq: 12 Dec 2017 18:17

Instrument :
BNA_G
ClientSampleId :
PB104933BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	202177		
63	76.4		67.1	107.1
95	32.3		11.5	51.5

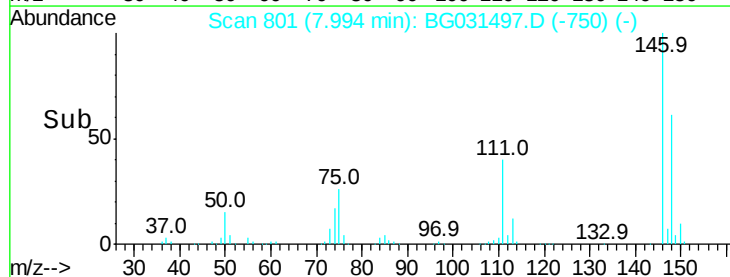
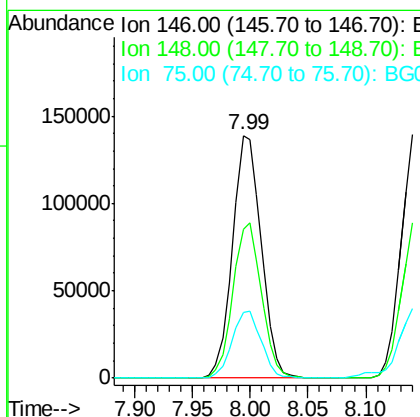
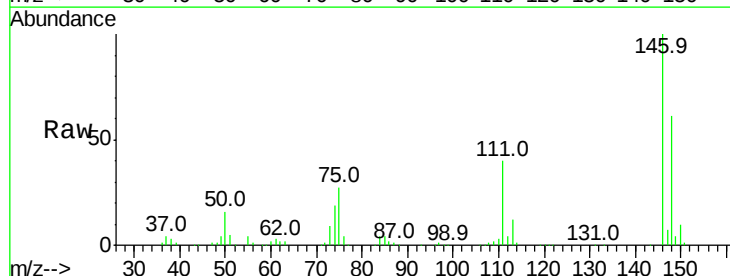
Manual Integrations
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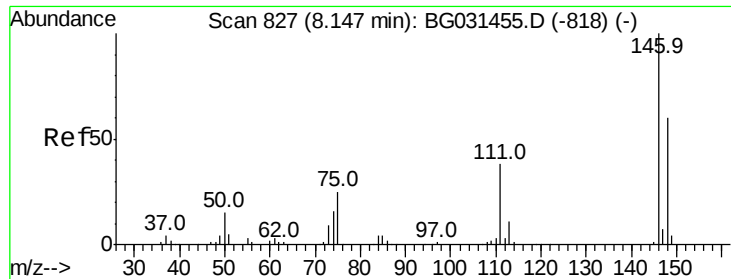
Sohil
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#12
1,3-Dichlorobenzene
Concen: 52.671 ng
RT: 7.99 min Scan# 801
Delta R.T. -0.00 min
Lab File: BG031497.D
Acq: 12 Dec 2017 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	238816		
148	61.4		51.4	77.2
75	27.2		26.6	39.8





#13

1,4-Dichlorobenzene

Concen: 51.063 ng

RT: 8.14 min Scan# 826

Delta R.T. -0.01 min

Lab File: BG031497.D

Acq: 12 Dec 2017 18:17

Instrument :

BNA_G

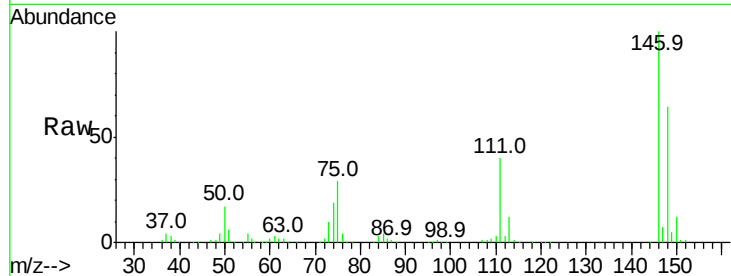
ClientSampleId :

PB104933BS

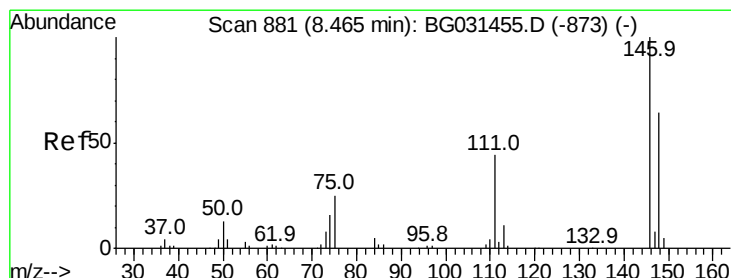
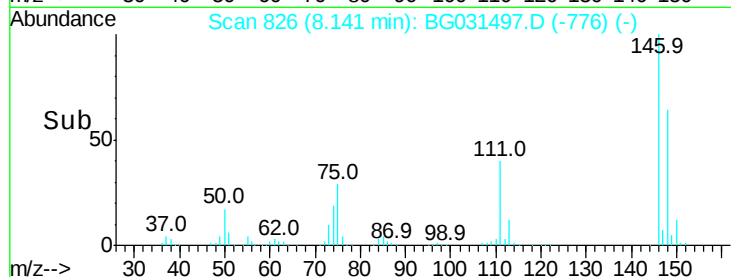
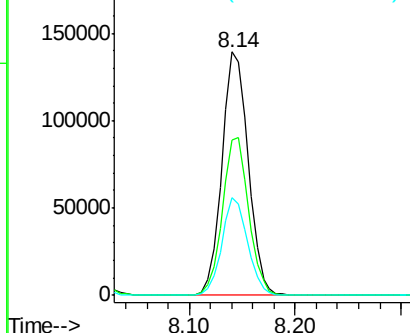
Tot Ion:	146	Resp:	240624
Ion Ratio	Lower	Upper	
146	100		
148	63.8	53.7	80.5
111	40.0	35.2	52.8

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 50.913 ng

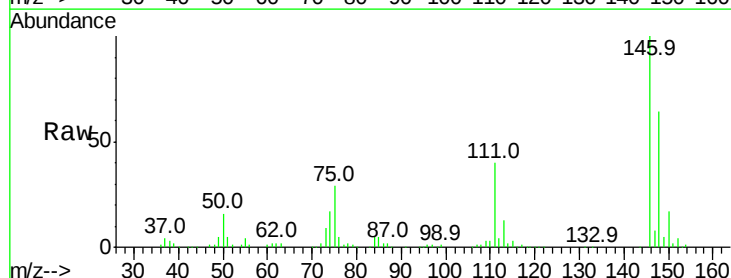
RT: 8.46 min Scan# 881

Delta R.T. -0.00 min

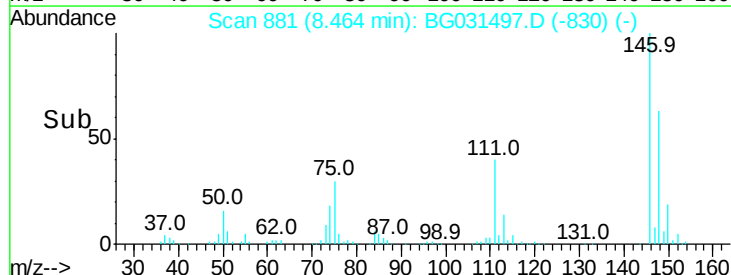
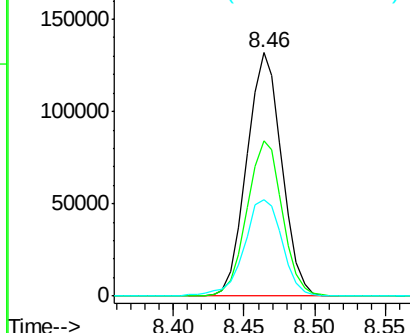
Lab File: BG031497.D

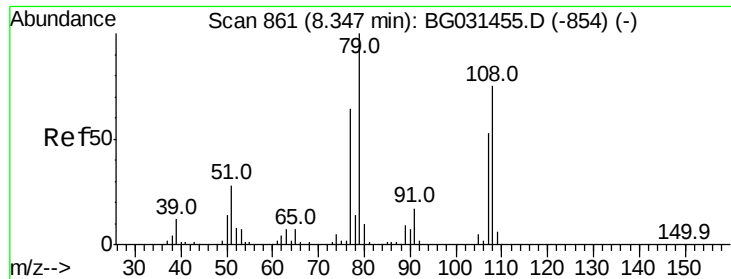
Acq: 12 Dec 2017 18:17

Tgt Ion:	146	Resp:	228541
Ion Ratio	Lower	Upper	
146	100		
148	63.7	49.3	73.9
111	39.7	34.3	51.5



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 51.756 ng

RT: 8.35 min Scan# 862

Delta R.T. 0.01 min

Lab File: BG031497.D

Acq: 12 Dec 2017 18:17

Instrument :

BNA_G

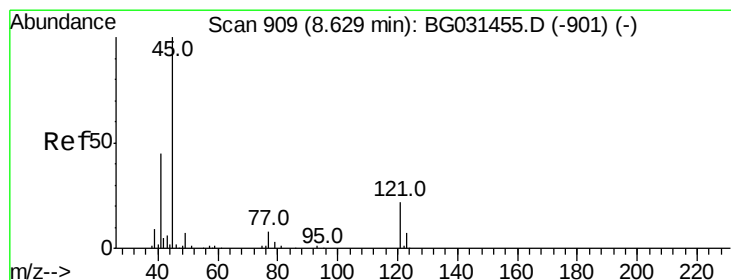
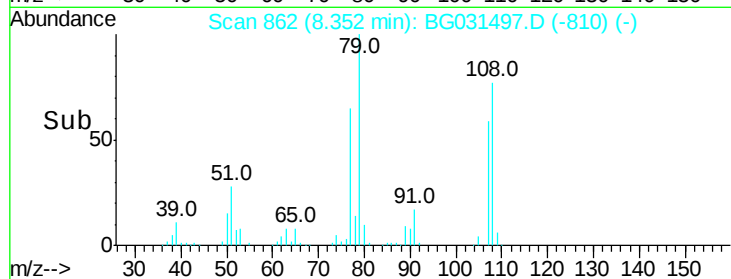
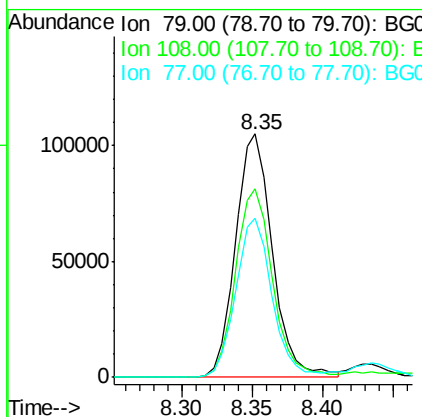
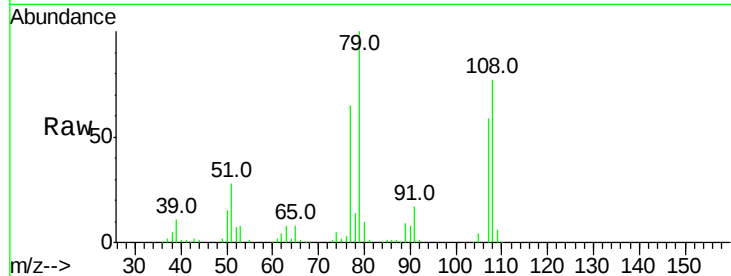
ClientSampled :

PB104933BS

Tot Ion:	79	Resp:	192117
Ion Ratio	Lower	Upper	
79	100		
108	77.5	57.2	85.8
77	65.1	46.1	69.1

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 67.449 ng

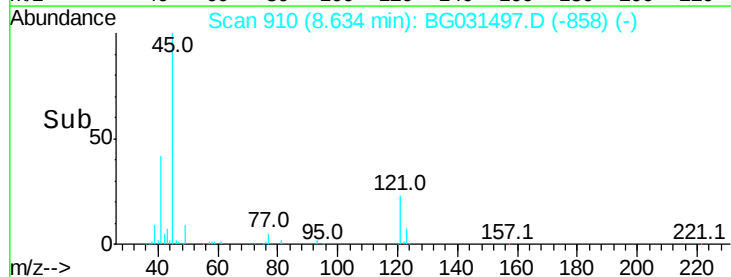
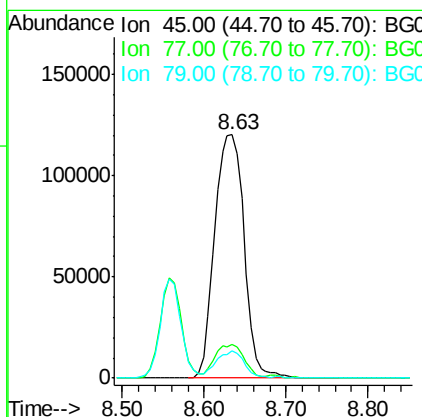
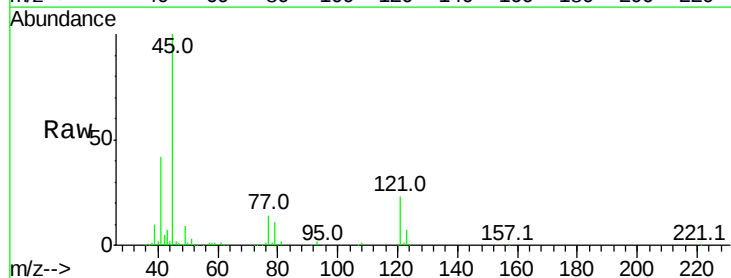
RT: 8.63 min Scan# 910

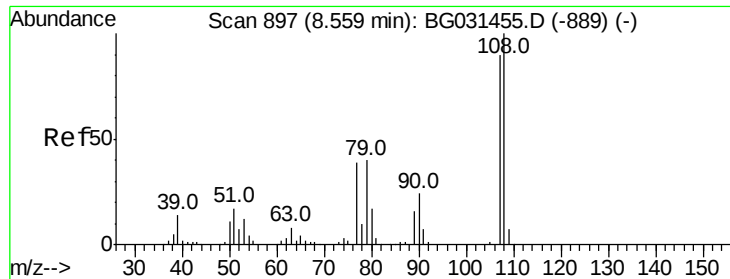
Delta R.T. 0.01 min

Lab File: BG031497.D

Acq: 12 Dec 2017 18:17

Tgt Ion:	45	Resp:	301475
Ion Ratio	Lower	Upper	
45	100		
77	14.1	0.0	30.2
79	11.2	0.0	27.9





#17

2-Methylphenol

Concen: 56.984 ng

RT: 8.56 min Scan# 897

Delta R.T. -0.00 min

Lab File: BG031497.D

Acq: 12 Dec 2017 18:17

Instrument :

BNA_G

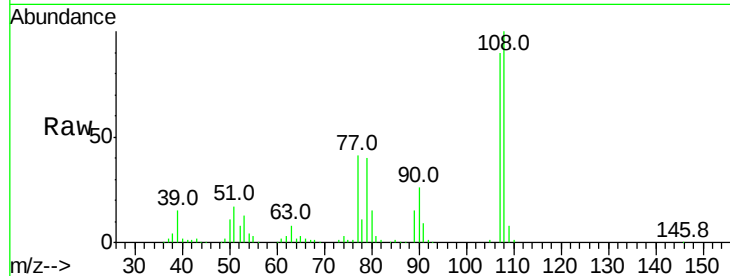
ClientSampleId :

PB104933BS

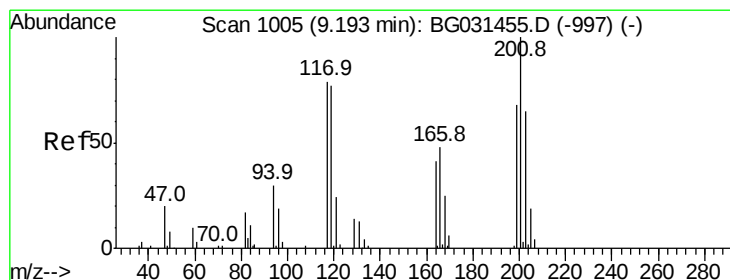
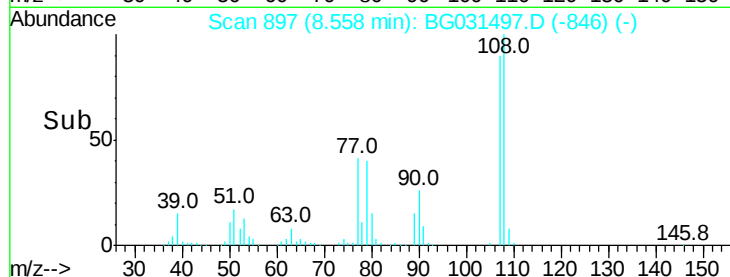
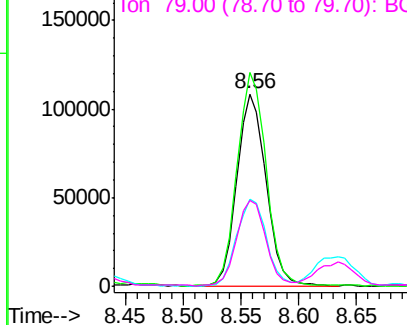
Tot Ion:	107	Resp:	189349
Ion Ratio	Lower	Upper	
107	100		
108	110.9	83.9	125.9
77	45.5	37.2	55.8
79	44.9	36.2	54.2

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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: 52.120 ng

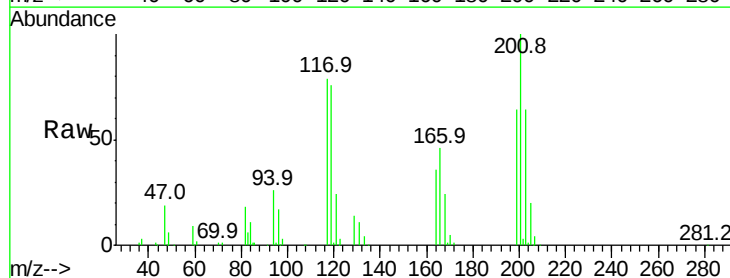
RT: 9.19 min Scan# 1005

Delta R.T. -0.00 min

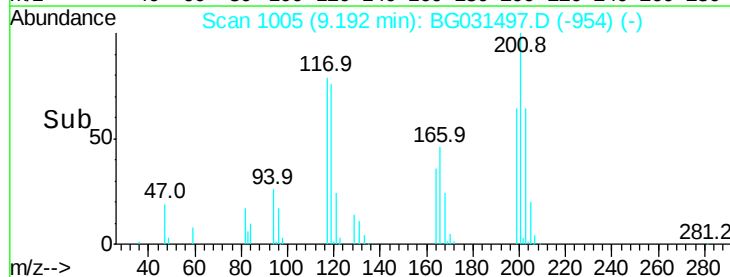
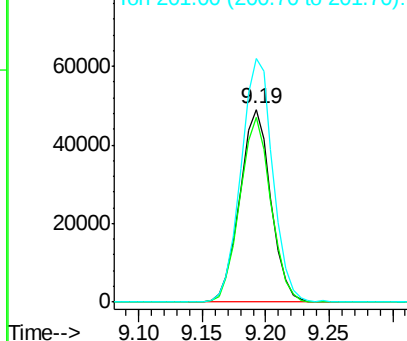
Lab File: BG031497.D

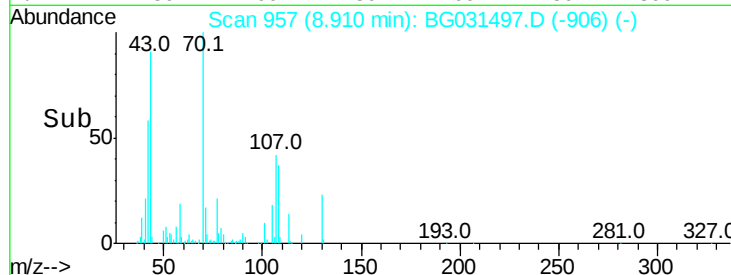
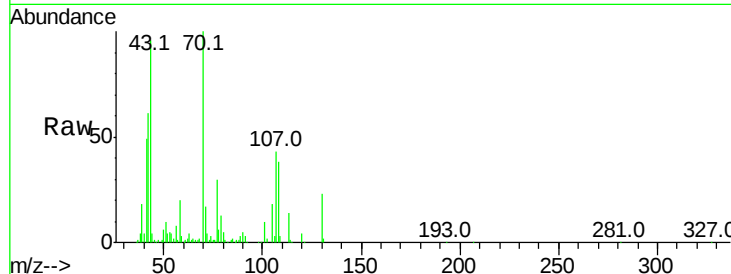
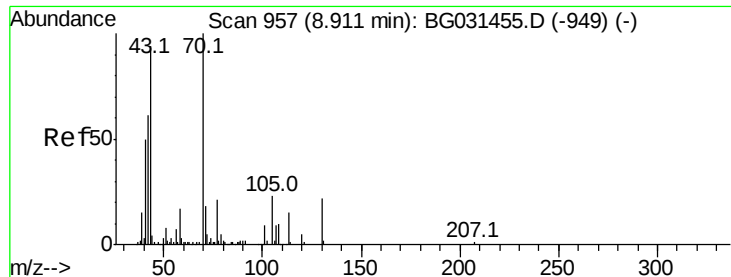
Acq: 12 Dec 2017 18:17

Tgt Ion:	117	Resp:	82789
Ion Ratio	Lower	Upper	
117	100		
119	95.8	76.7	115.1
201	126.5	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





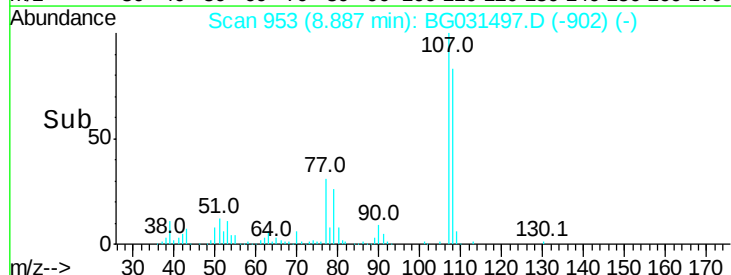
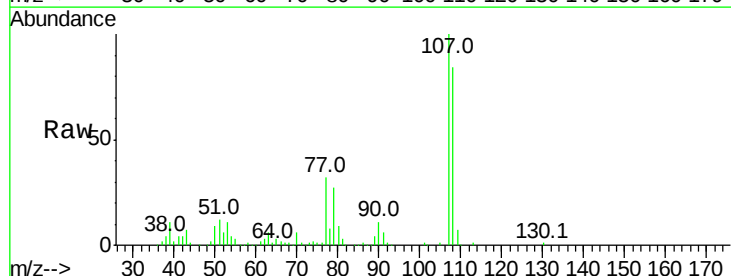
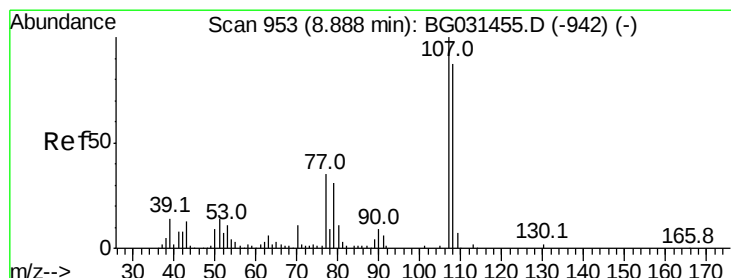
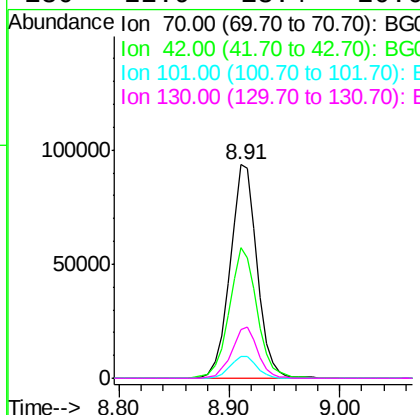
#19
n-Nitroso-di-n-propylamine
Concen: 42.799 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.00 min
Lab File: BG031497.D
Acq: 12 Dec 2017 18:17

Instrument :
BNA_G
ClientSampleId :
PB104933BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	60.9	49.1	73.7		
101	10.3	8.5	12.7		
130	22.9	13.4	20.0		

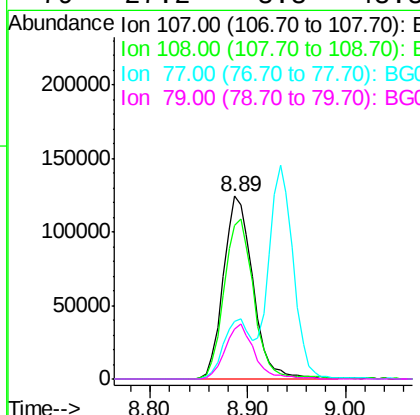
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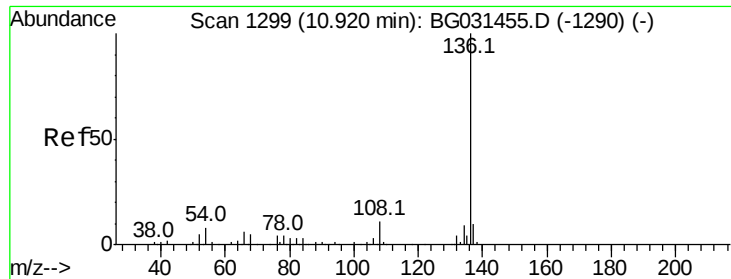
Sohil
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#20
3+4-Methylphenols
Concen: 52.766 ng
RT: 8.89 min Scan# 953
Delta R.T. -0.00 min
Lab File: BG031497.D
Acq: 12 Dec 2017 18:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	84.0	61.6	101.6		
77	31.8	13.9	53.9		
79	27.2	8.8	48.8		





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.92 min Scan# 1299

Delta R.T. -0.00 min

Lab File: BG031497.D

Acq: 12 Dec 2017 18:17

Instrument :

BNA_G

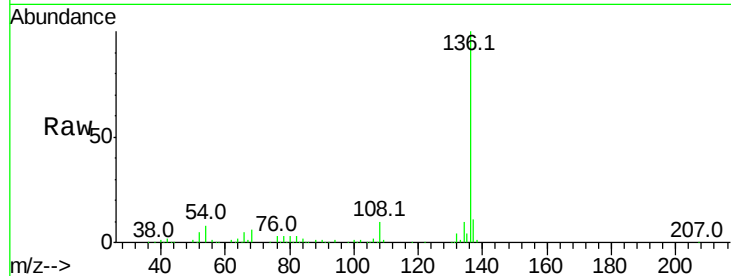
ClientSampleId :

PB104933BS

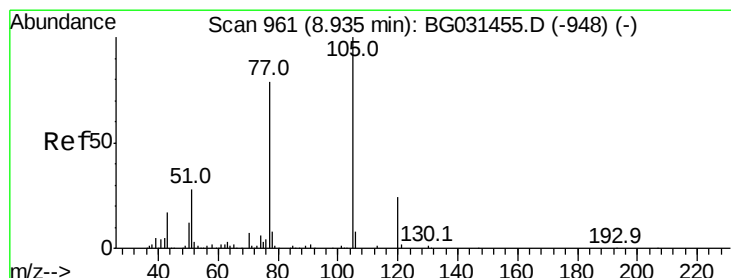
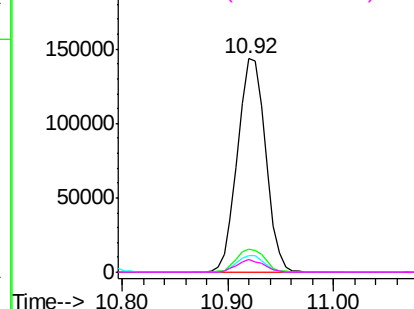
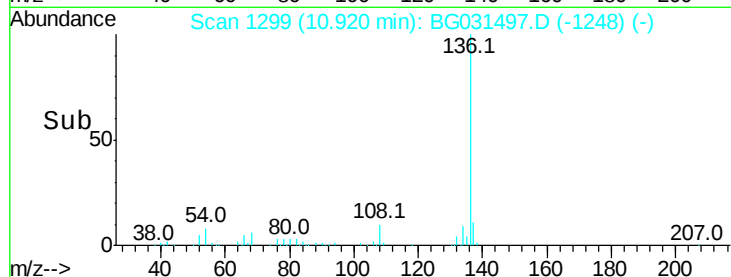
Tot Ion	Ratio	Resp	Lower	Upper
136	100	264048		
137	10.7	9.2	13.8	
54	7.5	10.3	15.5	
68	6.1	4.5	6.7	

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Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 52.309 ng

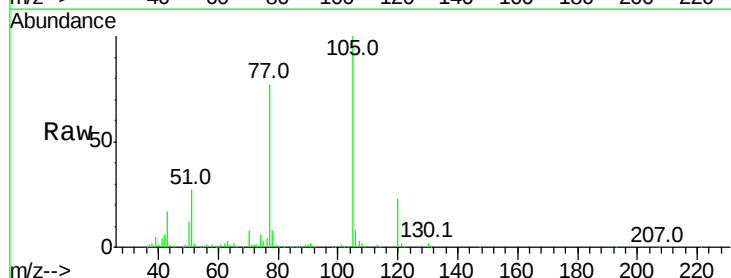
RT: 8.93 min Scan# 961

Delta R.T. -0.00 min

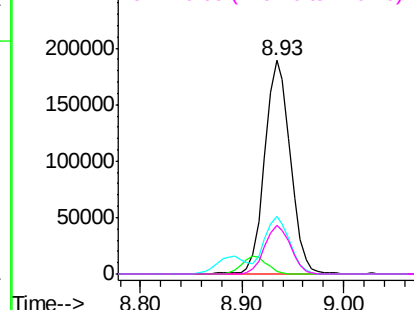
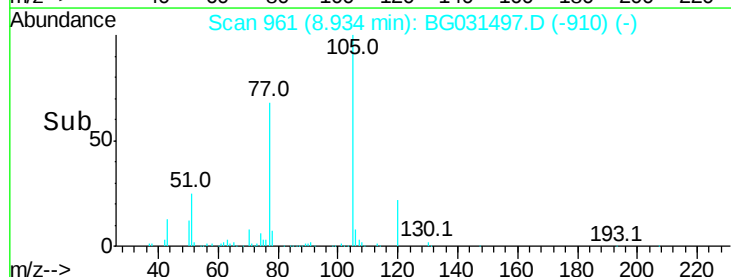
Lab File: BG031497.D

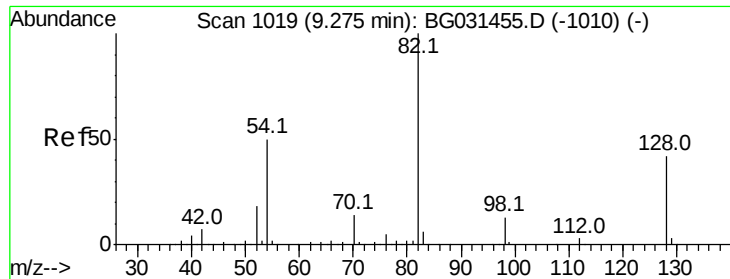
Acq: 12 Dec 2017 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	331349		
71	1.3	3.0	4.4	
51	27.0	26.1	39.1	
120	22.6	17.4	26.2	



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E





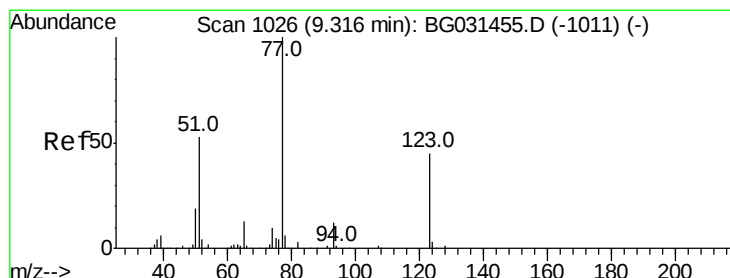
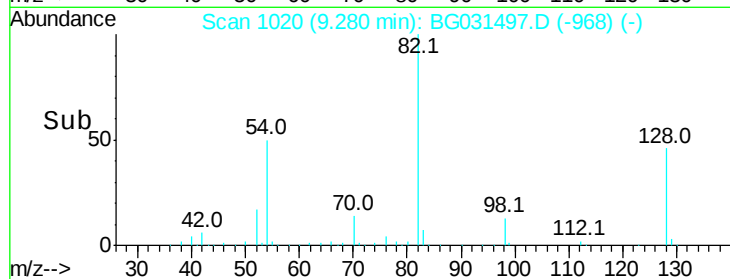
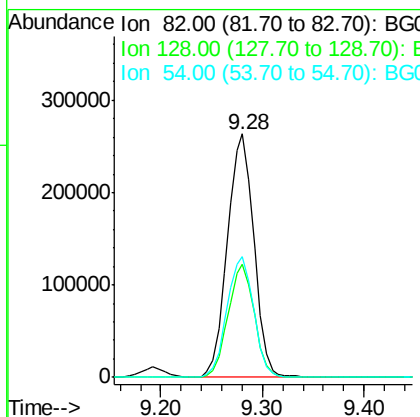
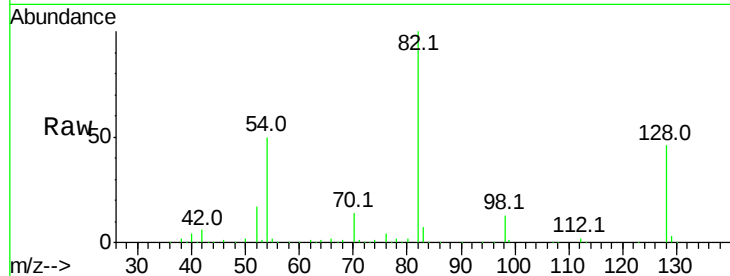
#23
Nitrobenzene-d5
Concen: 111.342 ng
RT: 9.28 min Scan# 1020
Delta R.T. 0.01 min
Lab File: BG031497.D
Acq: 12 Dec 2017 18:17

Instrument :
BNA_G
ClientSampleId :
PB104933BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.5	29.7	44.5#	
54	49.6	43.1	64.7	

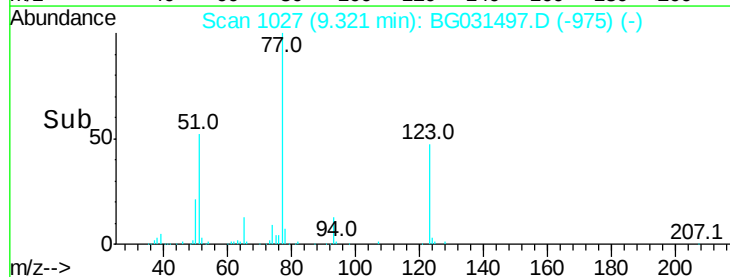
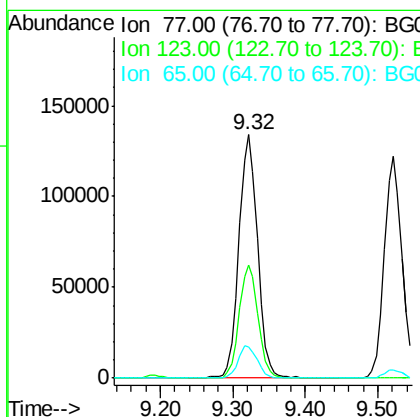
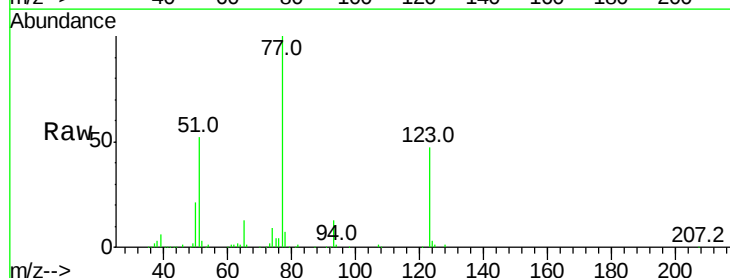
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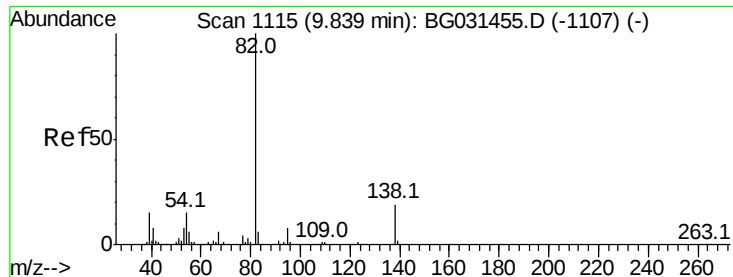
Sohil
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#24
Nitrobenzene
Concen: 54.628 ng
RT: 9.32 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BG031497.D
Acq: 12 Dec 2017 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	46.5	33.0	49.6	
65	12.9	13.0	19.6#	





#25

Isophorone

Concen: 55.334 ng

RT: 9.84 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BG031497.D

Acq: 12 Dec 2017 18:17

Instrument :

BNA_G

ClientSampleId :

PB104933BS

Tot Ion: 82 Resp: 447986

Ion Ratio Lower Upper

82 100

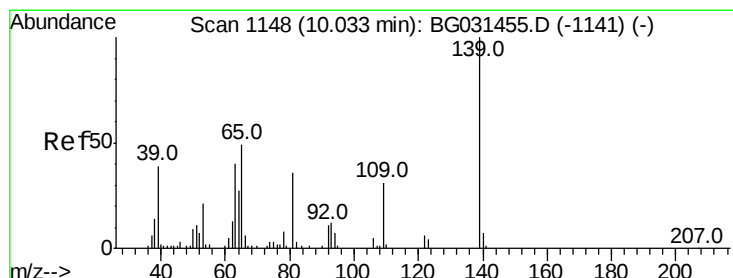
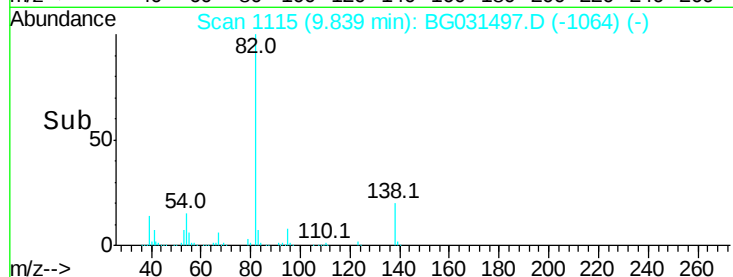
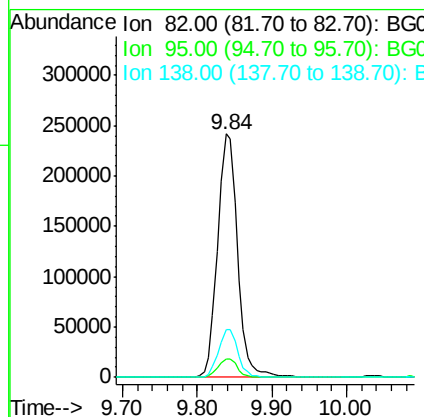
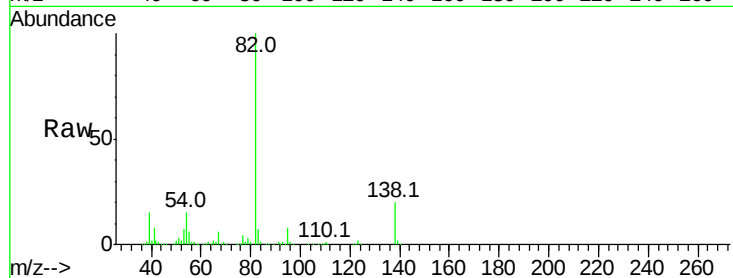
95 7.7 6.2 9.2

138 19.7 12.1 18.1#

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#26

2-Nitrophenol

Concen: 58.177 ng

RT: 10.03 min Scan# 1148

Delta R.T. -0.00 min

Lab File: BG031497.D

Acq: 12 Dec 2017 18:17

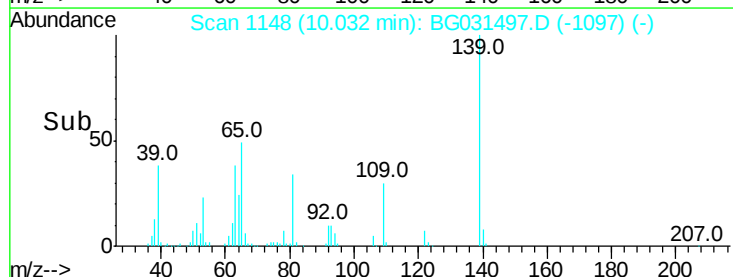
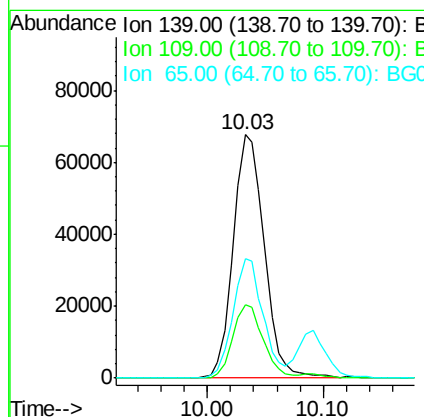
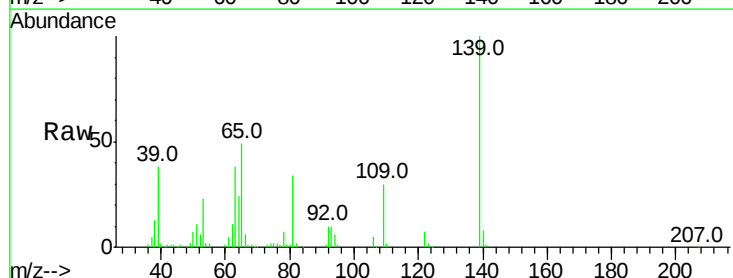
Tgt Ion: 139 Resp: 126284

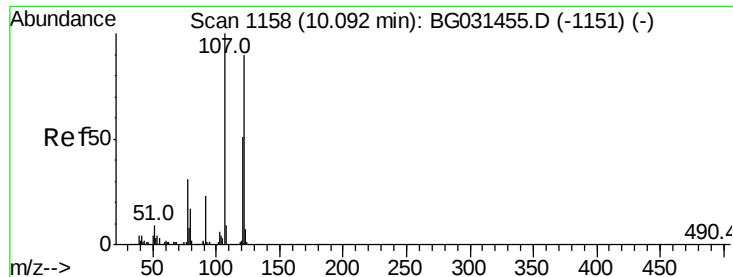
Ion Ratio Lower Upper

139 100

109 30.2 24.2 36.2

65 49.2 47.4 71.0





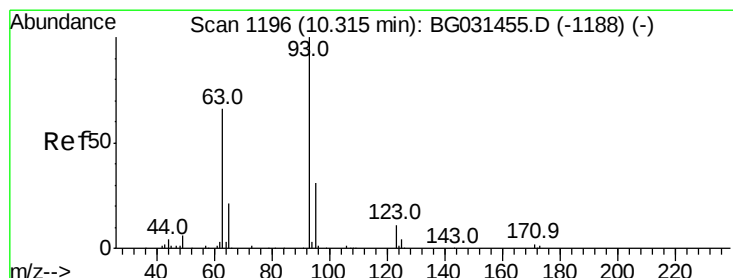
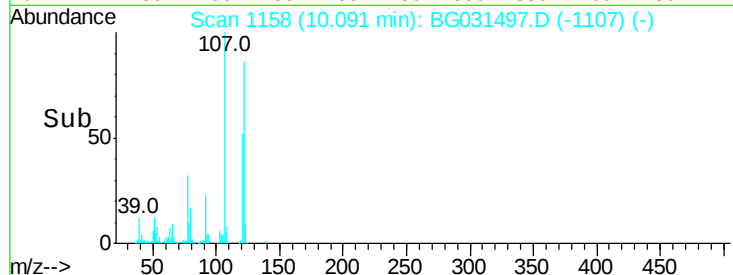
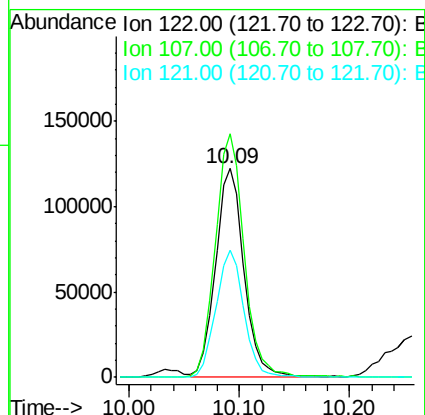
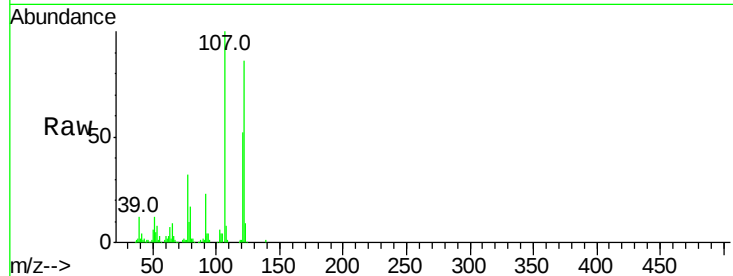
#27
2,4-Dimethylphenol
Concen: 65.485 ng
RT: 10.09 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BG031497.D
Acq: 12 Dec 2017 18:17

Instrument :
BNA_G
ClientSampleId :
PB104933BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.7	100.2	150.2
121	60.9	44.4	66.6

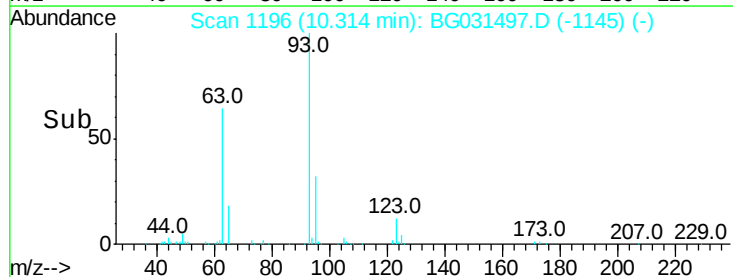
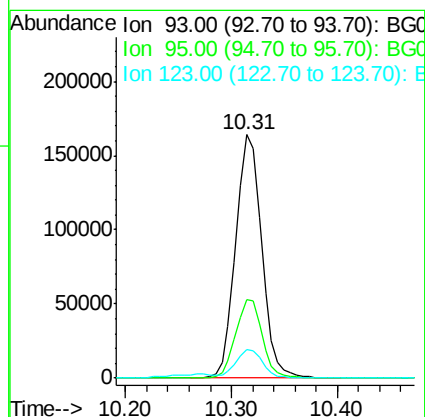
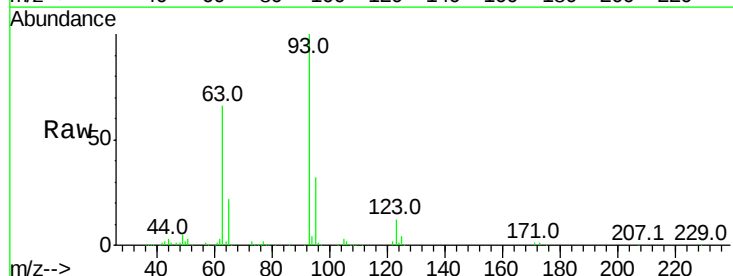
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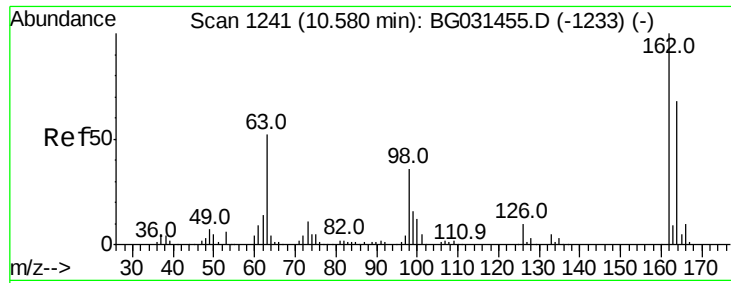
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#28
bis(2-Chloroethoxy)methane
Concen: 53.493 ng
RT: 10.31 min Scan# 1196
Delta R.T. -0.00 min
Lab File: BG031497.D
Acq: 12 Dec 2017 18:17

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	24.3	36.5
123	11.8	8.4	12.6





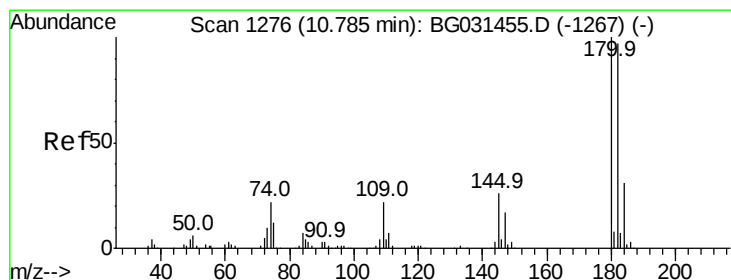
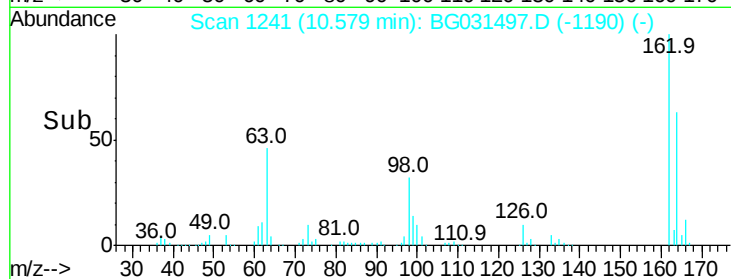
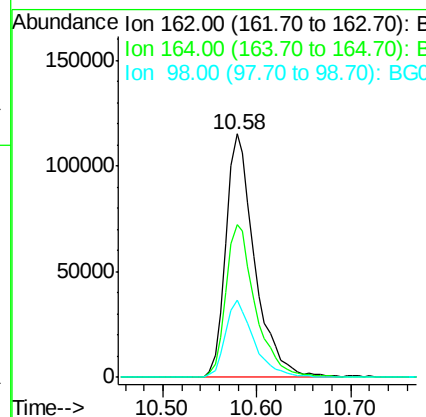
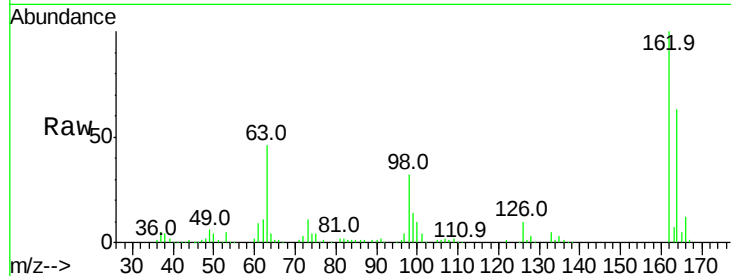
#29
 2,4-Dichlorophenol
 Concen: 63.394 ng
 RT: 10.58 min Scan# 1241
 Delta R.T. -0.00 min
 Lab File: BG031497.D
 Acq: 12 Dec 2017 18:17

Instrument :
 BNA_G
 ClientSampleId :
 PB104933BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	246284		
164	62.7	48.0	88.0	
98	31.7	21.1	61.1	

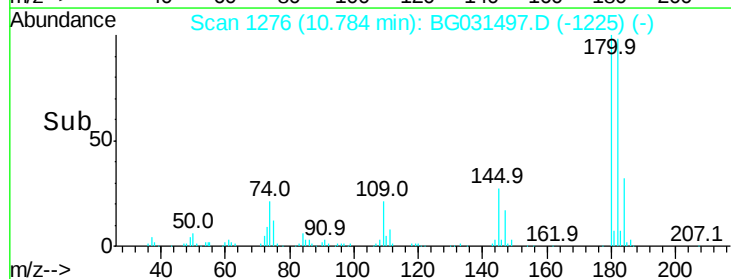
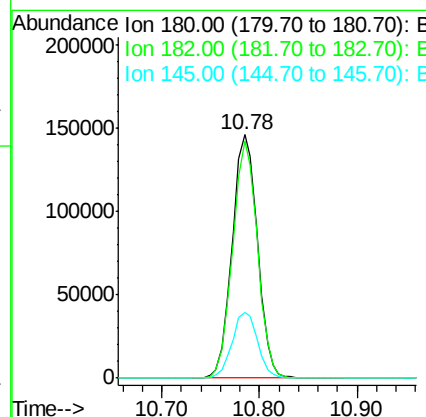
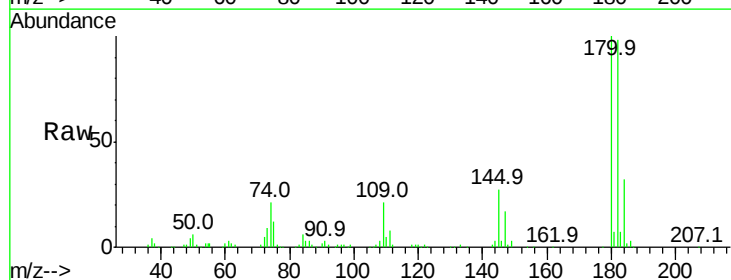
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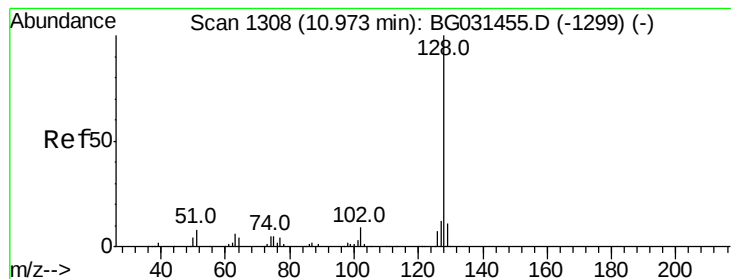
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#30
 1,2,4-Trichlorobenzene
 Concen: 53.002 ng
 RT: 10.78 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: BG031497.D
 Acq: 12 Dec 2017 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	263026		
182	97.5	77.5	116.3	
145	26.9	23.4	35.2	





#31

Naphthalene

Concen: 51.240 ng

RT: 10.97 min Scan# 1308

Delta R.T. -0.00 min

Lab File: BG031497.D

Acq: 12 Dec 2017 18:17

Instrument :

BNA_G

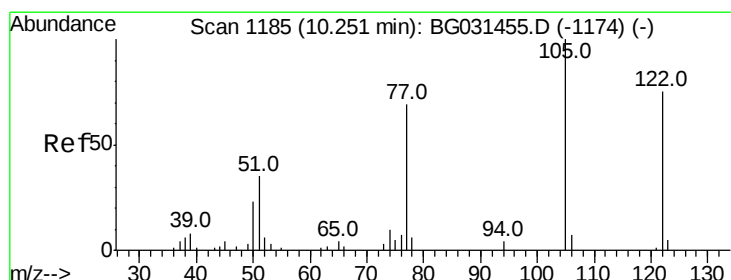
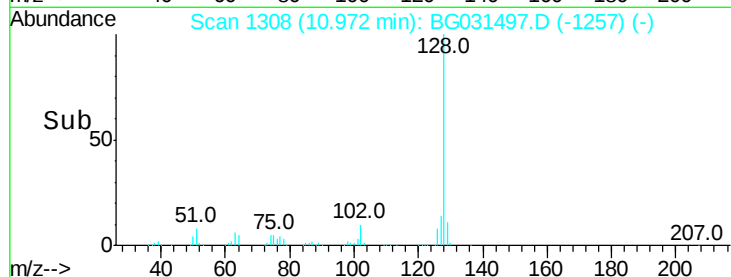
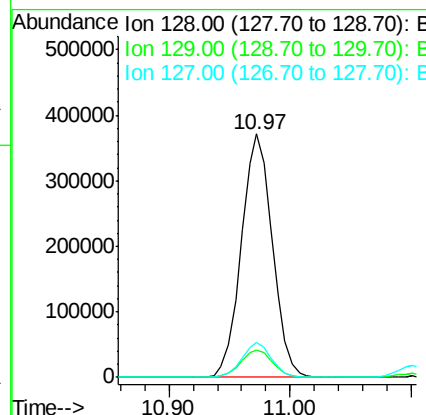
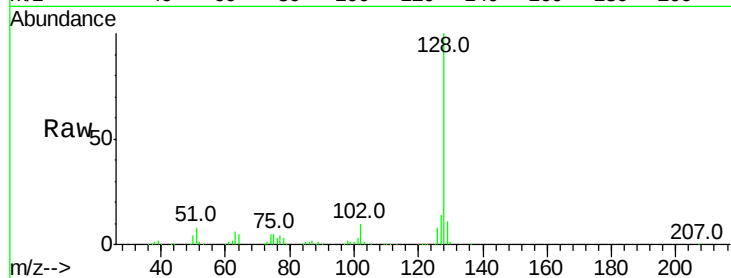
ClientSampled :

PB104933BS

Tot Ion:	128	Resp:	664681
Ion Ratio	Lower	Upper	
128	100		
129	11.0	8.6	12.8
127	14.5	11.6	17.4

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#32

Benzoic acid

Concen: 50.749 ng

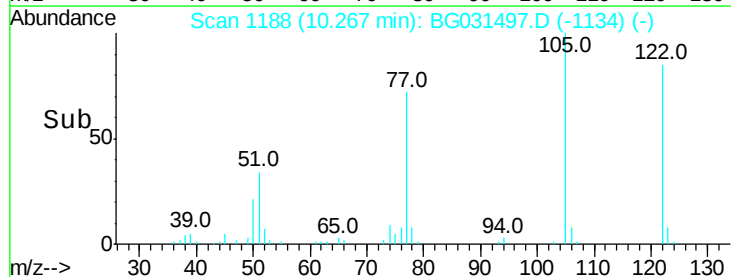
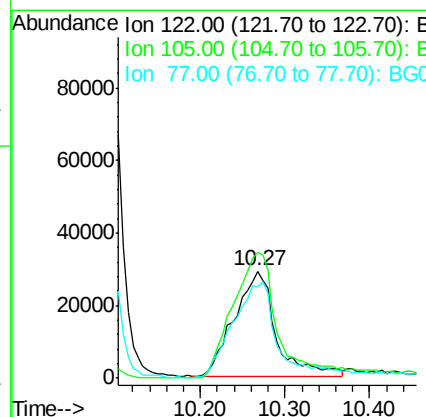
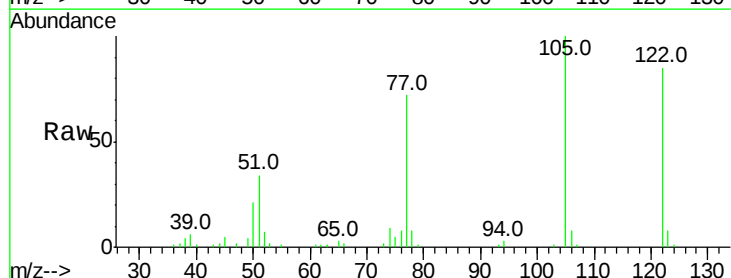
RT: 10.27 min Scan# 1188

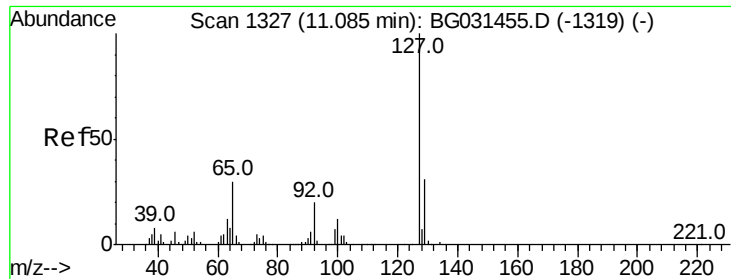
Delta R.T. 0.02 min

Lab File: BG031497.D

Acq: 12 Dec 2017 18:17

Tgt Ion:	122	Resp:	101582
Ion Ratio	Lower	Upper	
122	100		
105	117.0	123.5	163.5#
77	84.7	85.7	125.7#





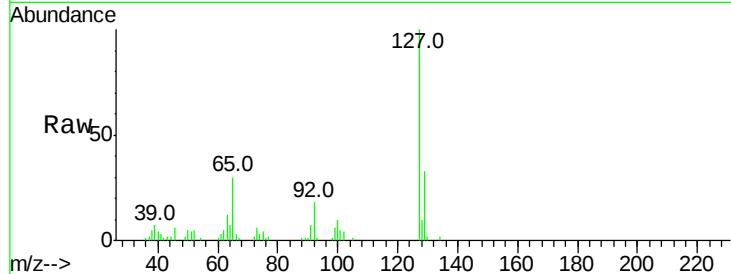
#33
4-Chloroaniline
Concen: 6.551 ng
RT: 11.10 min Scan# 1330
Delta R.T. 0.02 min
Lab File: BG031497.D
Acq: 12 Dec 2017 18:17

Instrument :
BNA_G
ClientSampleId :
PB104933BS

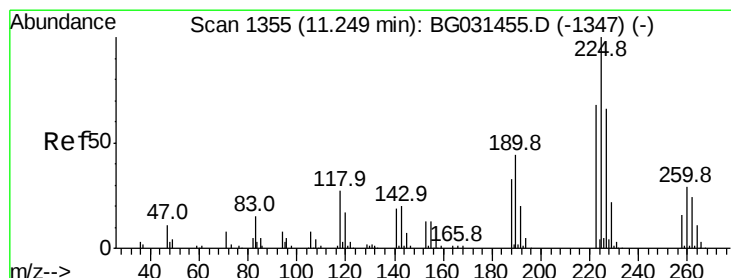
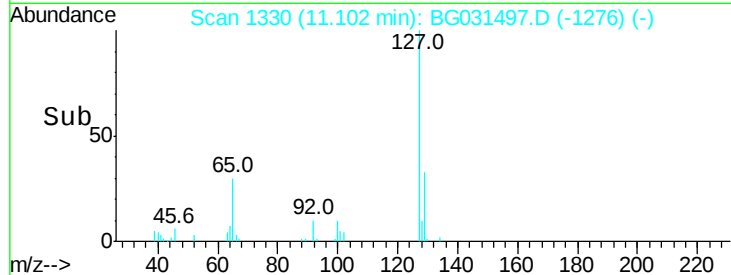
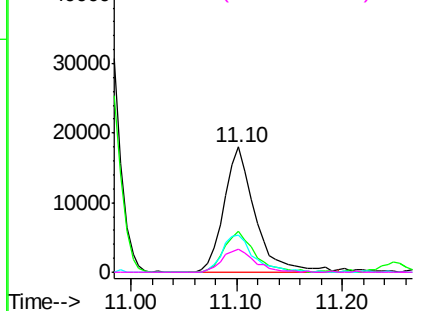
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.7	24.0	36.0		
65	30.0	27.0	40.4		
92	18.2	16.6	25.0		

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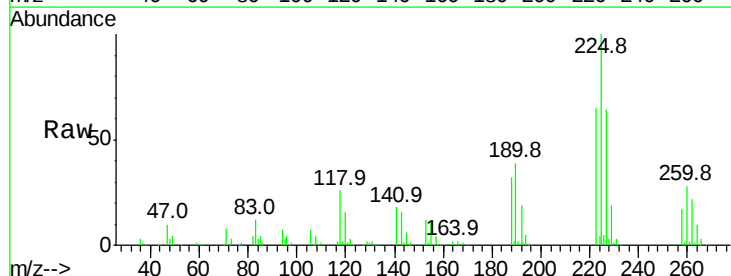


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

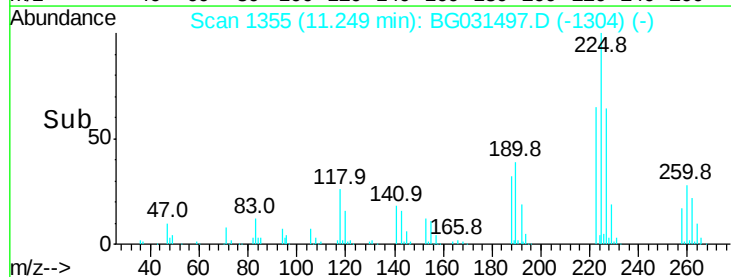
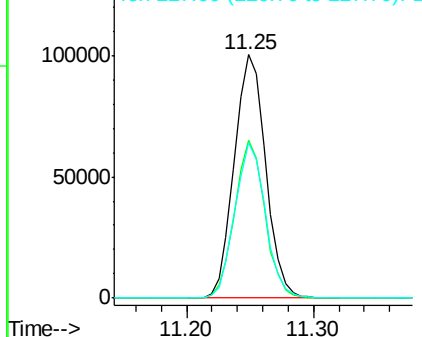


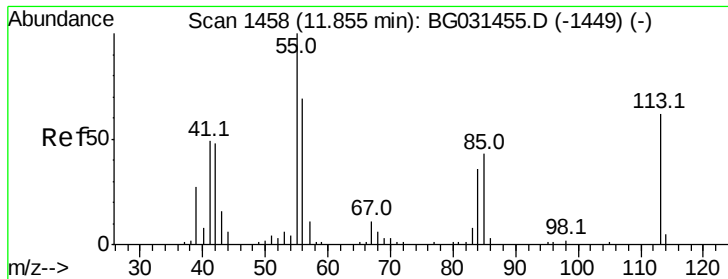
#34
Hexachlorobutadiene
Concen: 52.315 ng
RT: 11.25 min Scan# 1355
Delta R.T. -0.00 min
Lab File: BG031497.D
Acq: 12 Dec 2017 18:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.6	49.7	74.5		
227	63.7	48.1	72.1		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





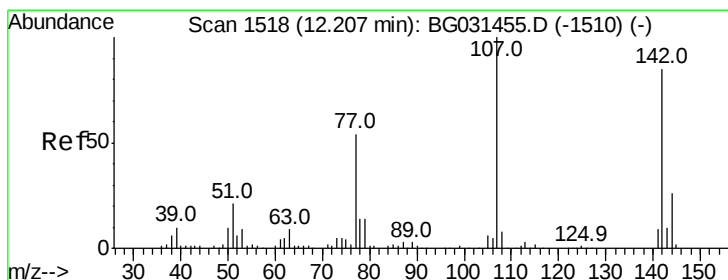
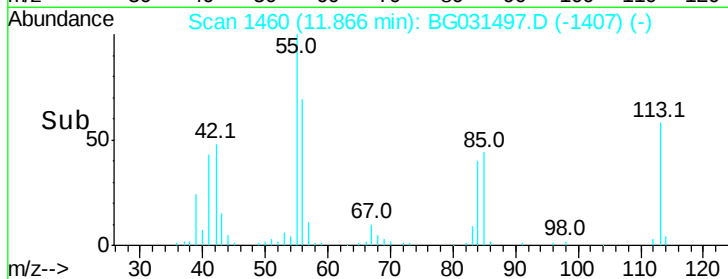
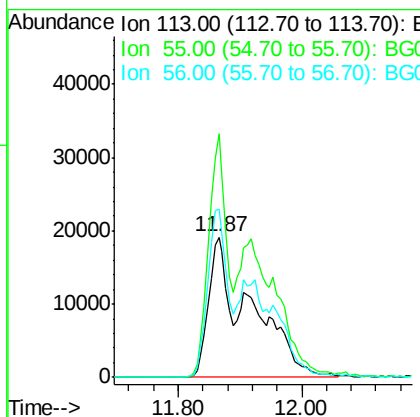
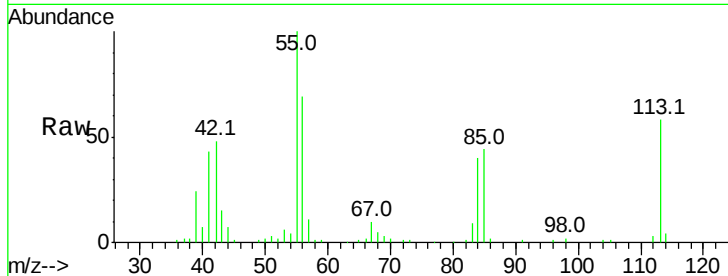
#35
 Caprolactam
 Concen: 58.816 ng/ml
 RT: 11.87 min Scan# 1460
 Delta R.T. 0.01 min
 Lab File: BG031497.D
 Acq: 12 Dec 2017 18:17

Instrument :
 BNA_G
 ClientSampleID :
 PB104933BS

Tot Ion:113 Resp: 89725
 Ion Ratio Lower Upper
 113 100
 55 173.5 186.9 226.9#
 56 120.0 130.9 170.9#

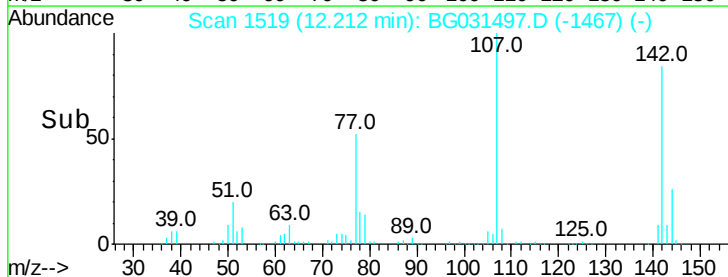
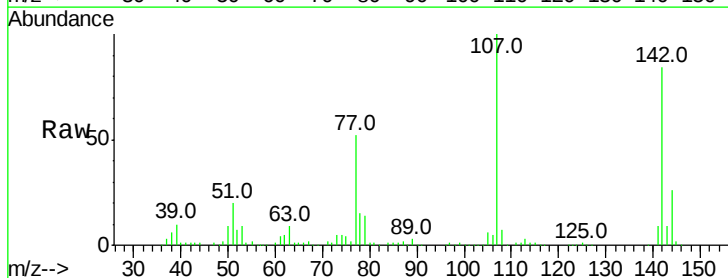
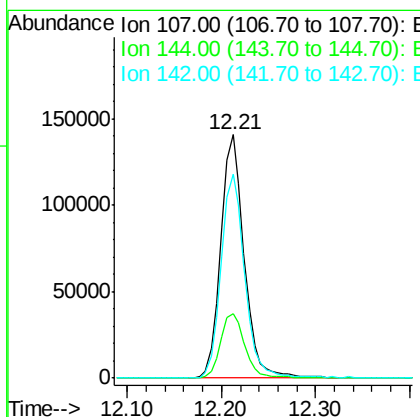
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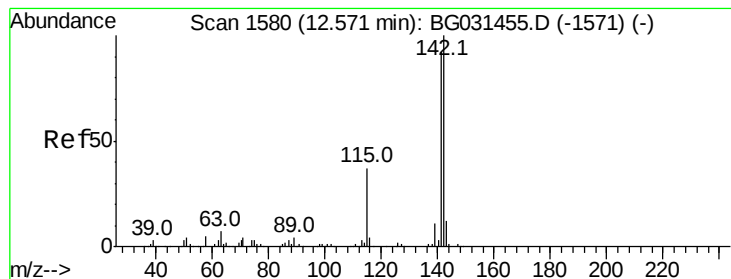
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#36
 4-Chloro-3-methylphenol
 Concen: 55.413 ng/ml
 RT: 12.21 min Scan# 1519
 Delta R.T. 0.00 min
 Lab File: BG031497.D
 Acq: 12 Dec 2017 18:17

Tgt Ion:107 Resp: 245732
 Ion Ratio Lower Upper
 107 100
 144 26.3 18.2 27.4
 142 84.0 59.0 88.4





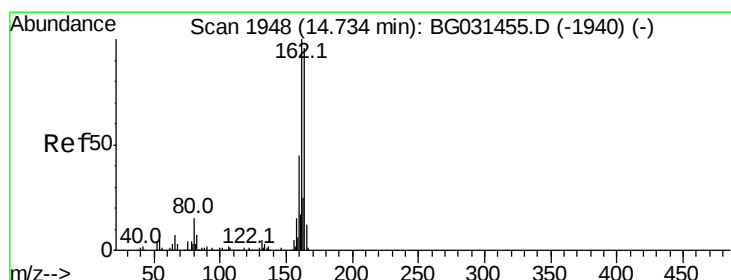
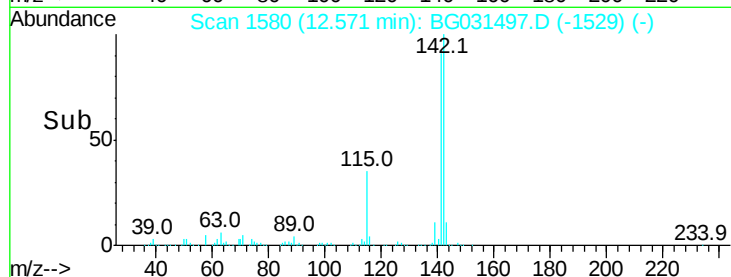
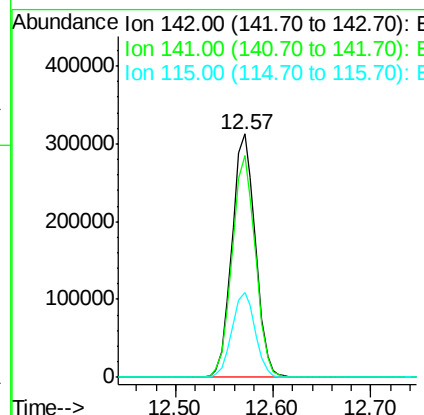
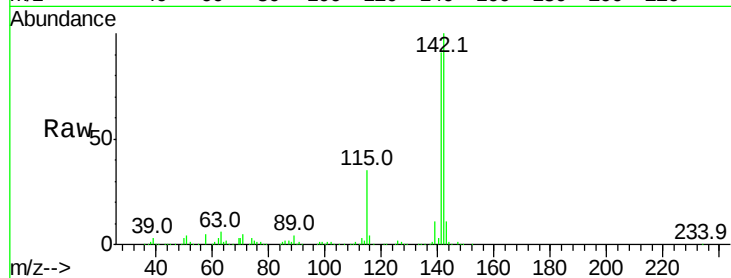
#37
 2-Methylnaphthalene
 Concen: 51.613 ng
 RT: 12.57 min Scan# 1580
 Delta R.T. -0.00 min
 Lab File: BG031497.D
 Acq: 12 Dec 2017 18:17

Instrument :
 BNA_G
 ClientSampleId :
 PB104933BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	518391		
141	91.1	67.1	100.7	
115	34.8	30.7	46.1	

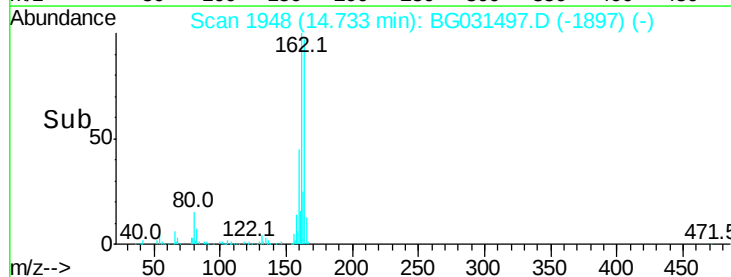
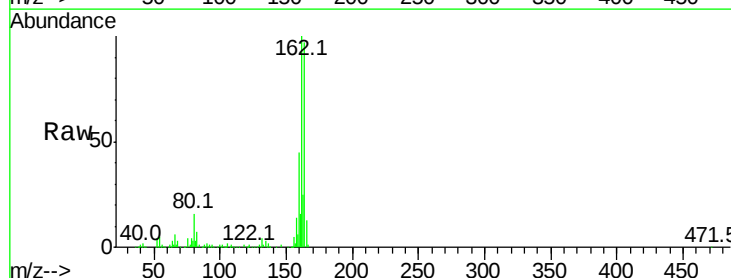
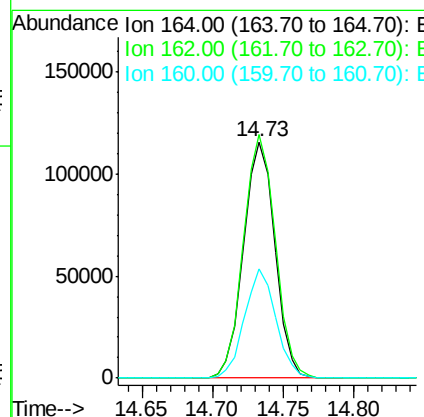
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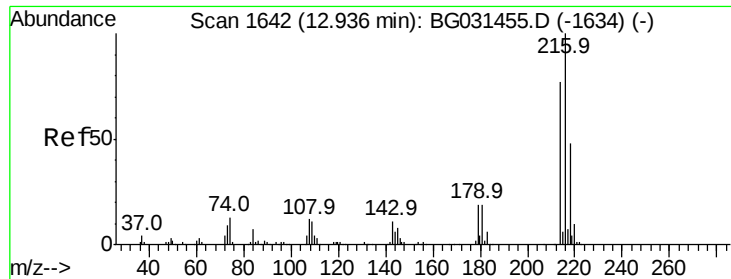
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. -0.00 min
 Lab File: BG031497.D
 Acq: 12 Dec 2017 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	180488		
162	103.1	78.8	118.2	
160	46.4	35.4	53.0	





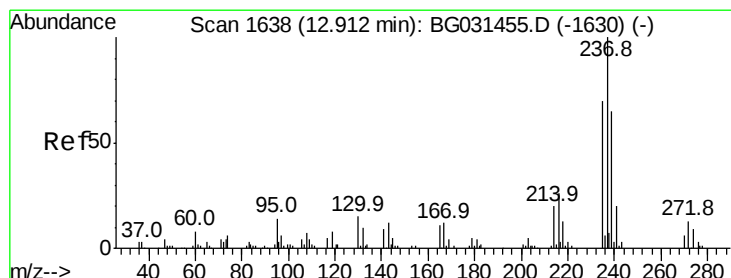
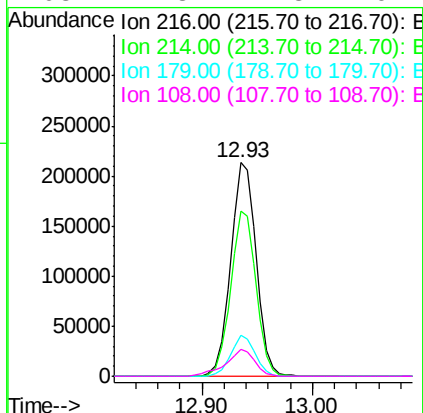
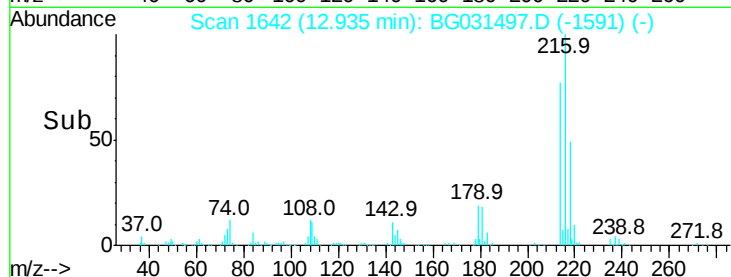
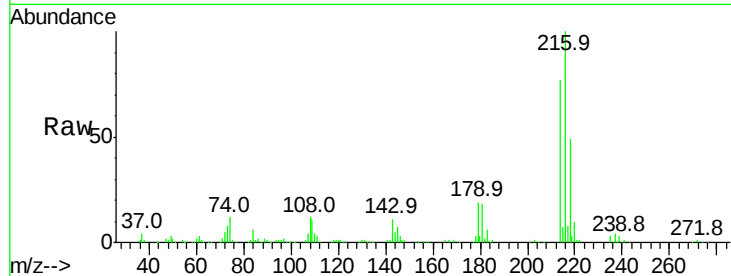
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 48.836 ng
 RT: 12.93 min Scan# 1642
 Delta R.T. -0.00 min
 Lab File: BG031497.D
 Acq: 12 Dec 2017 18:17

Instrument :
 BNA_G
 ClientSampleId :
 PB104933BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	344487		
214	77.0	63.0	94.4	
179	18.4	17.0	25.6	
108	14.3	12.8	19.2	

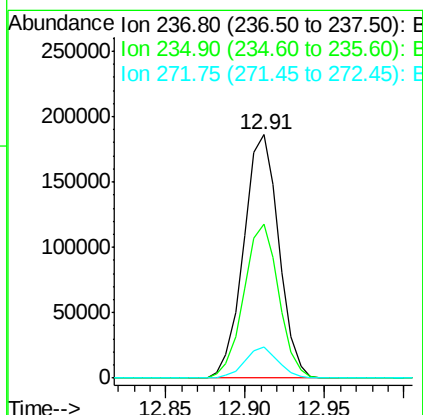
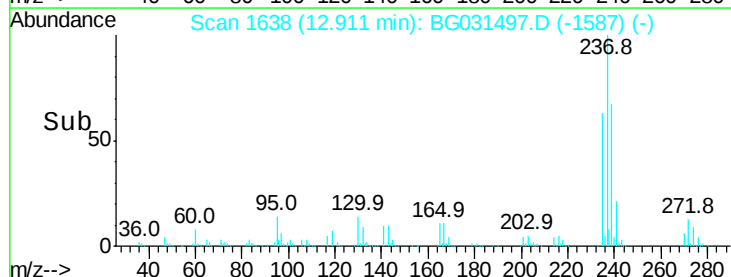
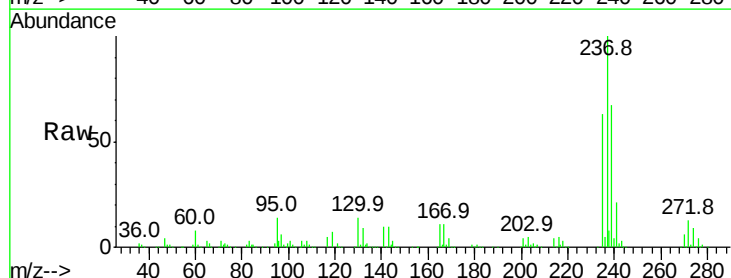
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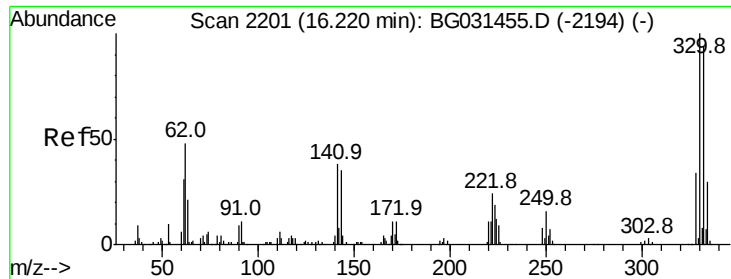
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#40
 Hexachlorocyclopentadiene
 Concen: 103.455 ng
 RT: 12.91 min Scan# 1638
 Delta R.T. -0.00 min
 Lab File: BG031497.D
 Acq: 12 Dec 2017 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	286367		
235	63.1	50.4	90.4	
272	12.6	0.0	31.8	





#41

2,4,6-Tribromophenol

Concen: 179.563 ng

RT: 16.23 min Scan# 2202

Delta R.T. 0.00 min

Lab File: BG031497.D

Acq: 12 Dec 2017 18:17

Instrument :

BNA_G

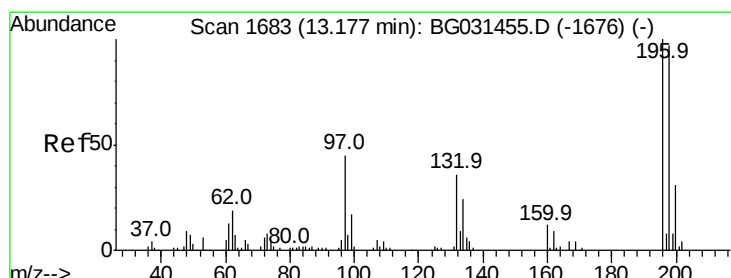
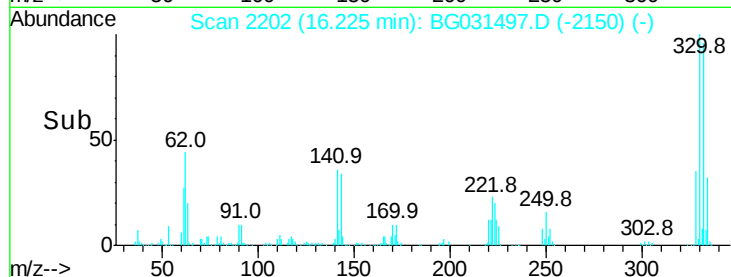
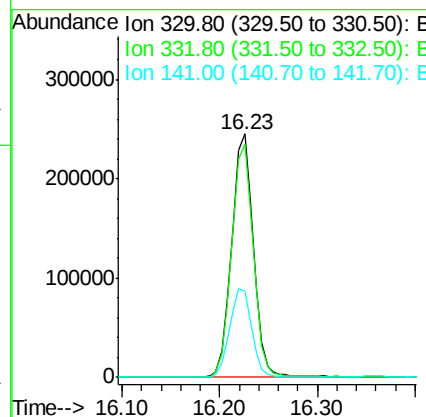
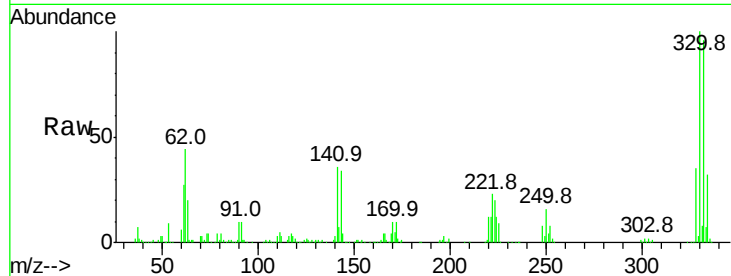
ClientSampleId :

PB104933BS

Tot Ion:	330	Resp:	379684
Ion Ratio	Lower	Upper	
330	100		
332	96.5	77.0	115.6
141	37.2	25.2	37.8

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#42

2,4,6-Trichlorophenol

Concen: 58.959 ng

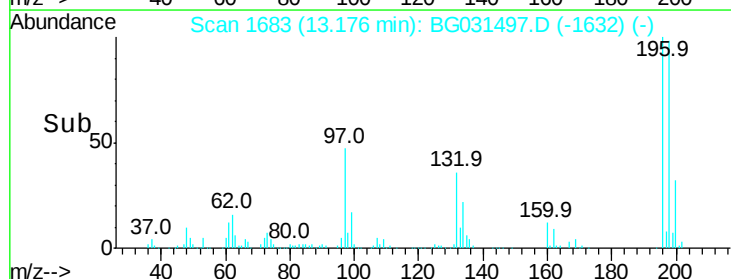
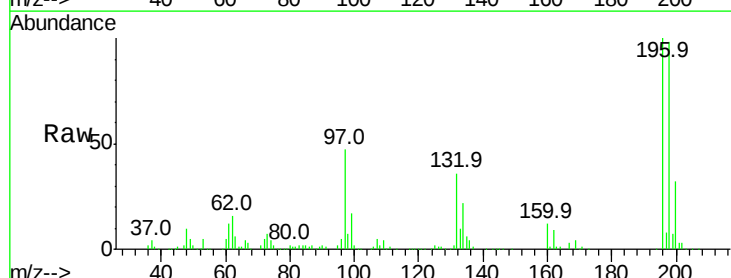
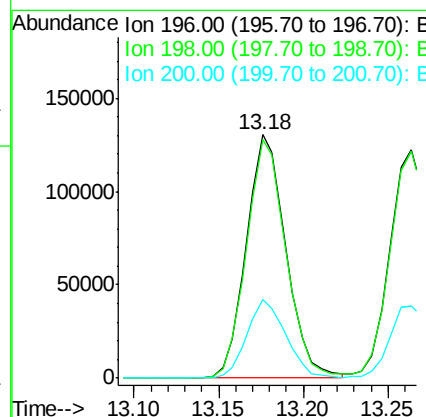
RT: 13.18 min Scan# 1683

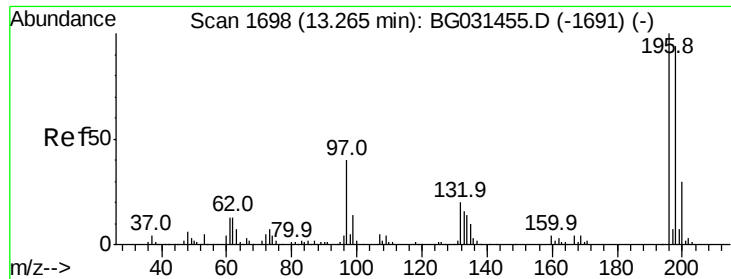
Delta R.T. -0.00 min

Lab File: BG031497.D

Acq: 12 Dec 2017 18:17

Tgt Ion:	196	Resp:	212483
Ion Ratio	Lower	Upper	
196	100		
198	98.0	78.2	117.2
200	32.3	24.6	36.8





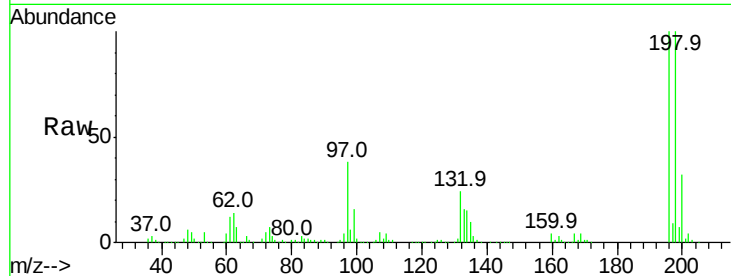
#43
 2,4,5-Trichlorophenol
 Concen: 57.765 ng
 RT: 13.26 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: BG031497.D
 Acq: 12 Dec 2017 18:17

Instrument :
 BNA_G
 ClientSampleId :
 PB104933BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	224253		
198	99.5	76.2	114.4	
97	38.4	38.7	58.1#	
132	23.6	20.2	30.2	

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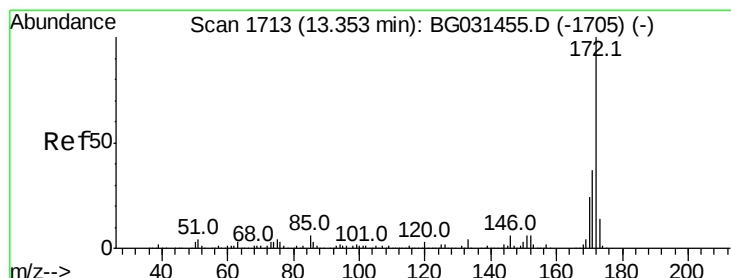
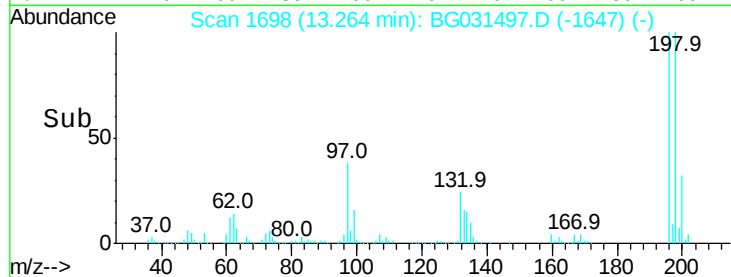
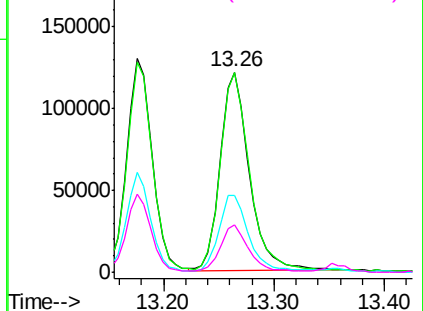
Abundance

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): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 108.593 ng
 RT: 13.36 min Scan# 1714
 Delta R.T. 0.01 min
 Lab File: BG031497.D
 Acq: 12 Dec 2017 18:17

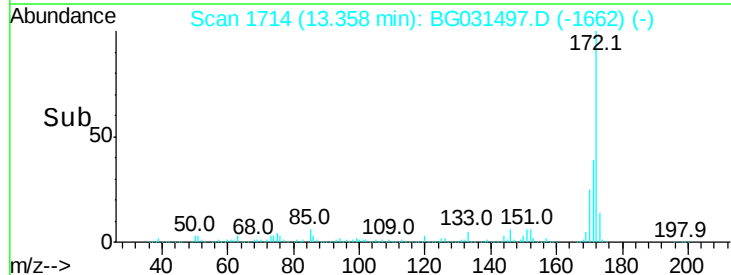
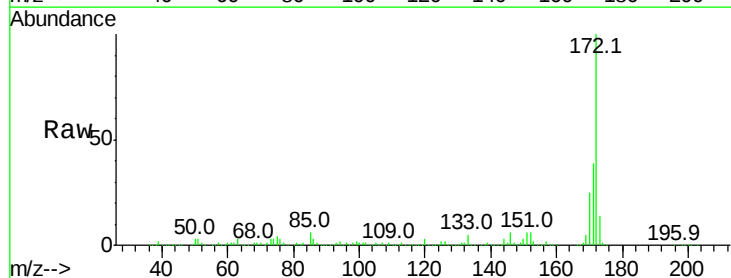
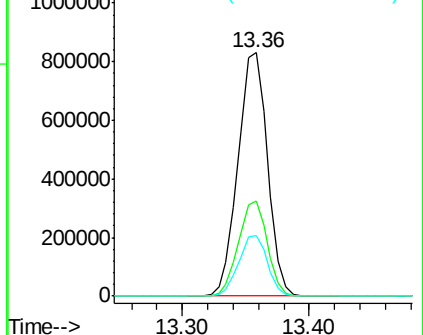
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1335248		
171	39.3	30.0	45.0	
170	24.9	19.5	29.3	

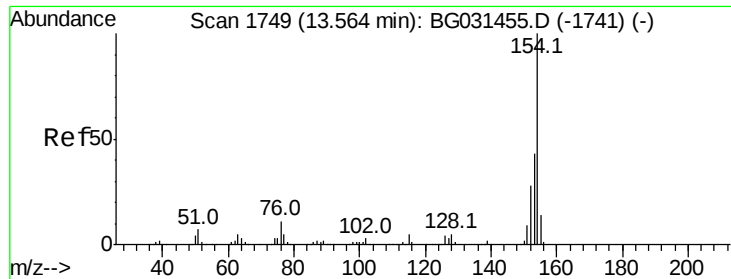
Abundance

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





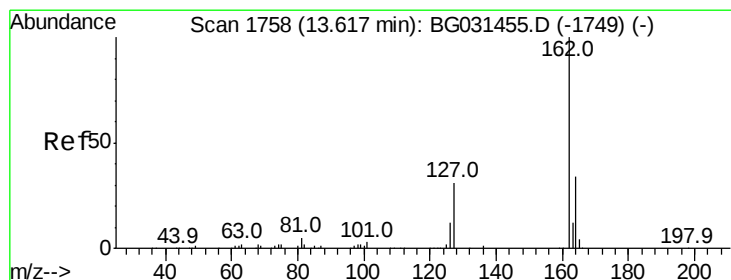
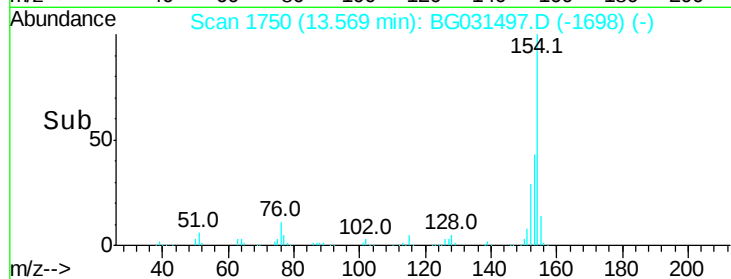
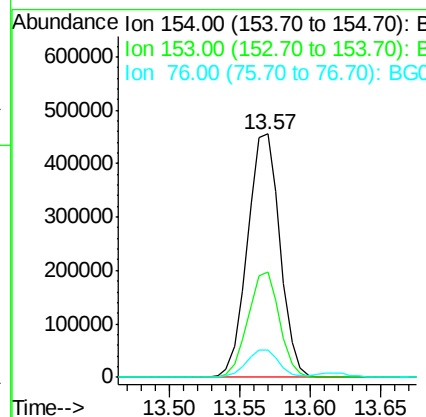
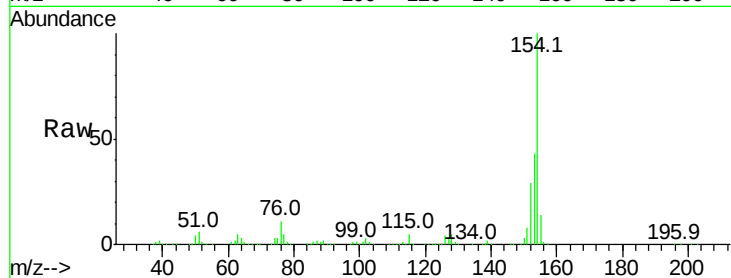
#45
 1,1'-Biphenyl
 Concen: 49.473 ng
 RT: 13.57 min Scan# 1750
 Delta R.T. 0.01 min
 Lab File: BG031497.D
 Acq: 12 Dec 2017 18:17

Instrument :
 BNA_G
 ClientSampleId :
 PB104933BS

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	43.1	19.8	59.8	
76	11.1	0.0	31.9	

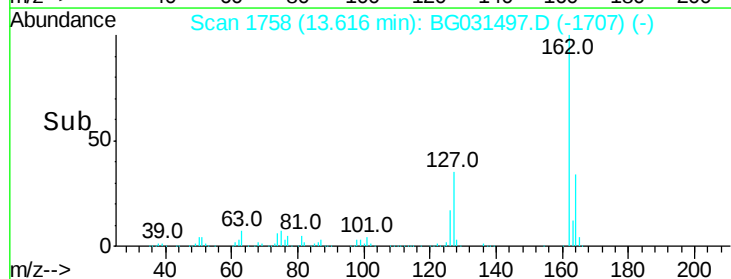
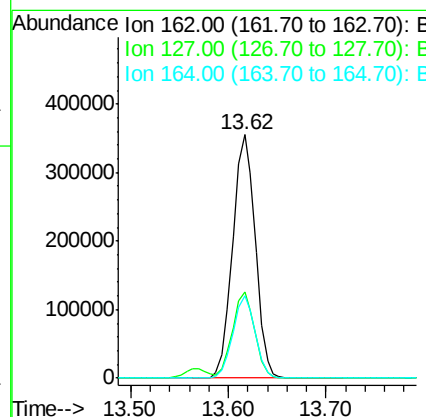
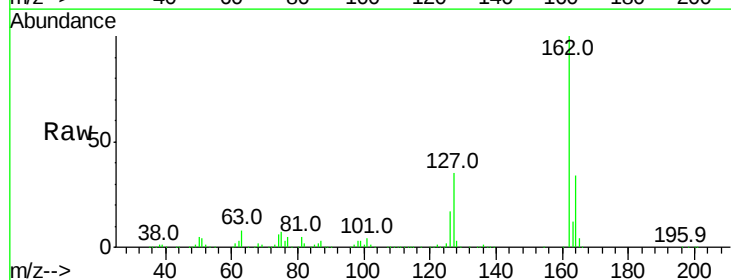
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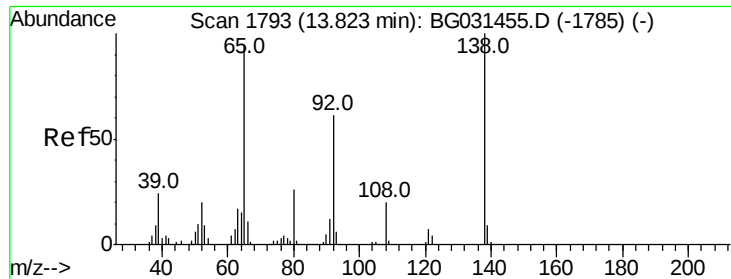
Sohil
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#46
 2-Chloronaphthalene
 Concen: 52.496 ng
 RT: 13.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: BG031497.D
 Acq: 12 Dec 2017 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	35.3	30.7	46.1	
164	33.9	26.0	39.0	





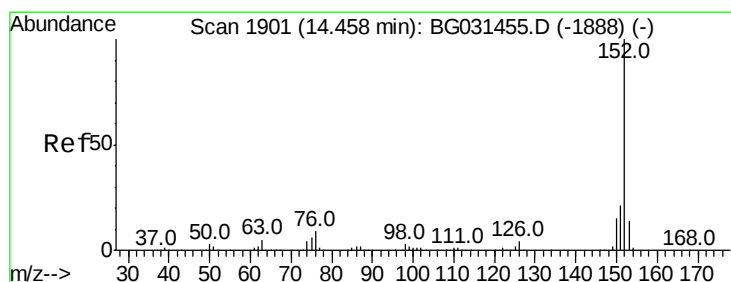
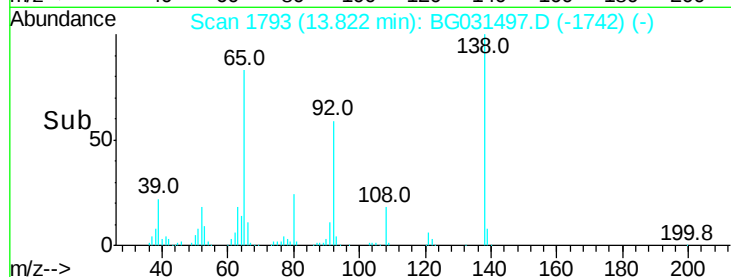
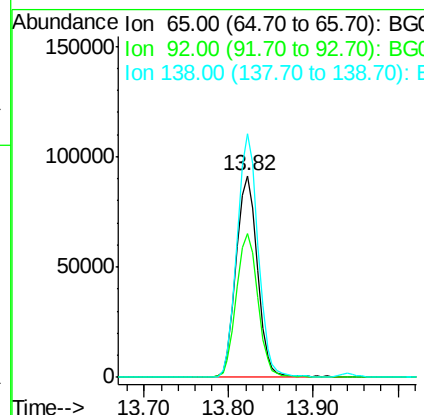
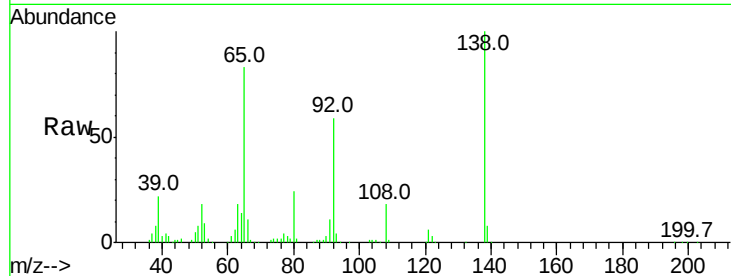
#47
2-Nitroaniline
Concen: 52.086 ng
RT: 13.82 min Scan# 1793
Delta R.T. -0.00 min
Lab File: BG031497.D
Acq: 12 Dec 2017 18:17

Instrument :
BNA_G
ClientSampleId :
PB104933BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	70.9	54.6	82.0
138	120.6	72.9	109.3

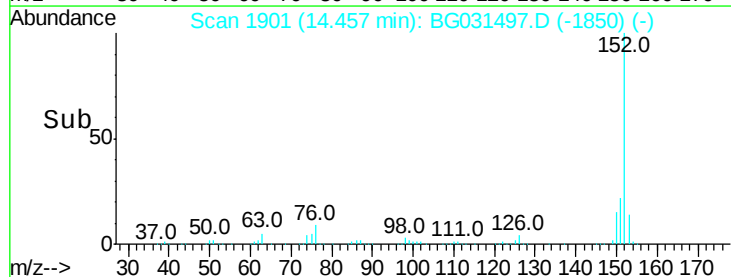
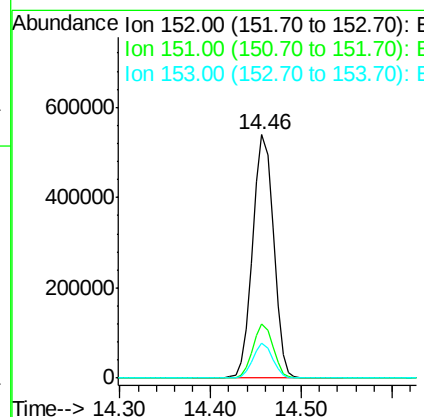
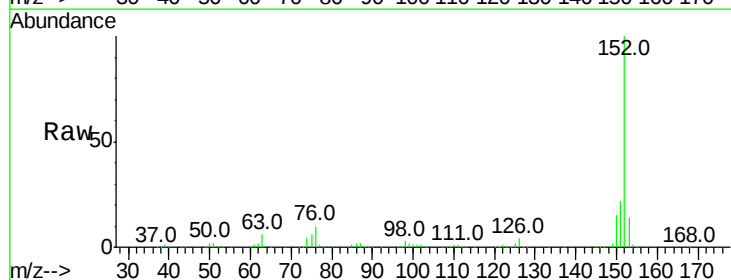
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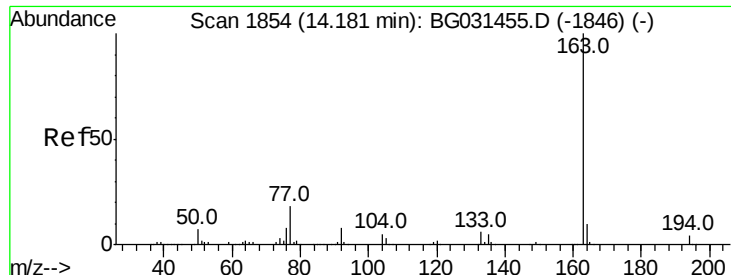
Sohil
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#48
Acenaphthylene
Concen: 49.397 ng
RT: 14.46 min Scan# 1901
Delta R.T. -0.00 min
Lab File: BG031497.D
Acq: 12 Dec 2017 18:17

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.2	17.2	25.8
153	14.2	10.2	15.4





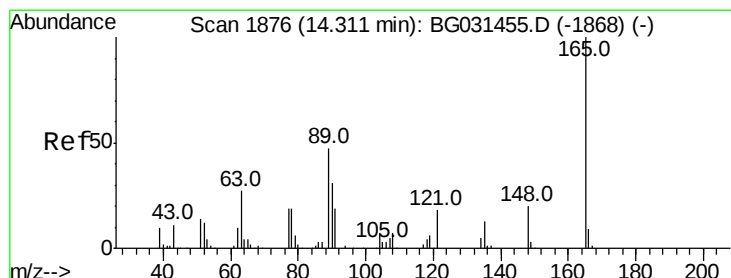
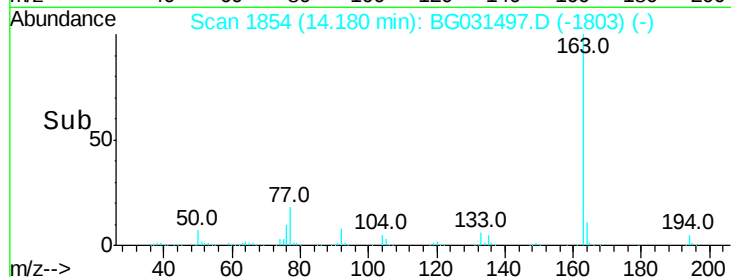
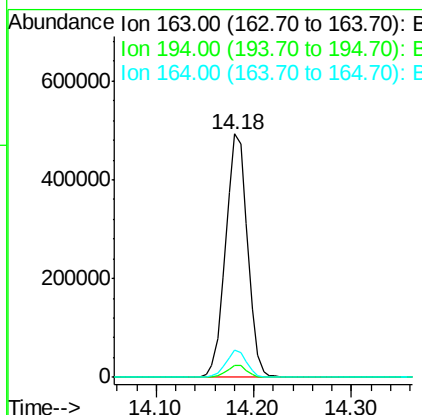
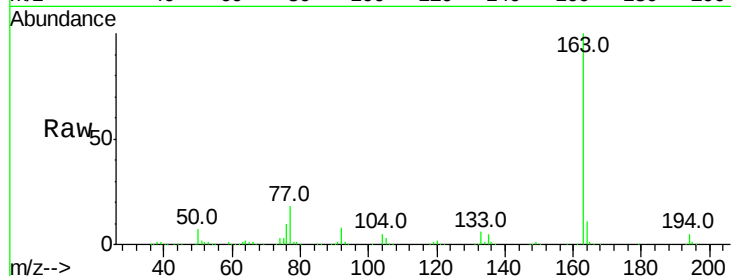
#49
Dimethylphthalate
Concen: 51.109 ng
RT: 14.18 min Scan# 1854
Delta R.T. -0.00 min
Lab File: BG031497.D
Acq: 12 Dec 2017 18:17

Instrument :
BNA_G
ClientSampleId :
PB104933BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	763702		
194	4.8		3.4	5.2
164	11.0		8.2	12.4

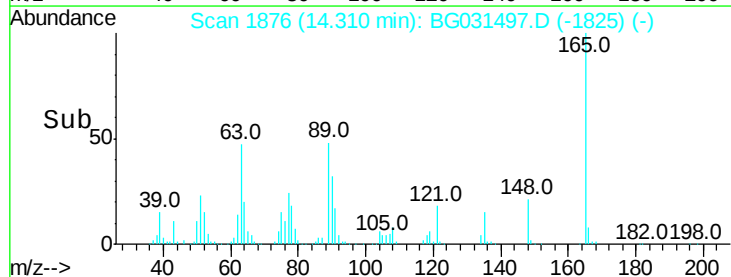
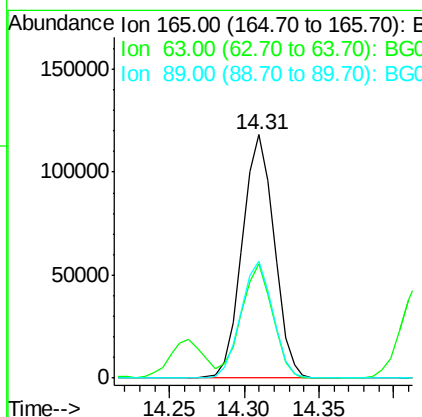
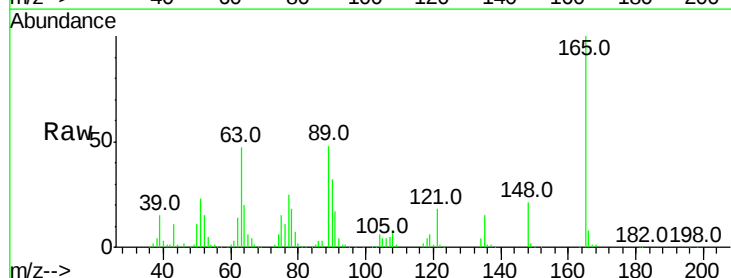
Manual Integrations
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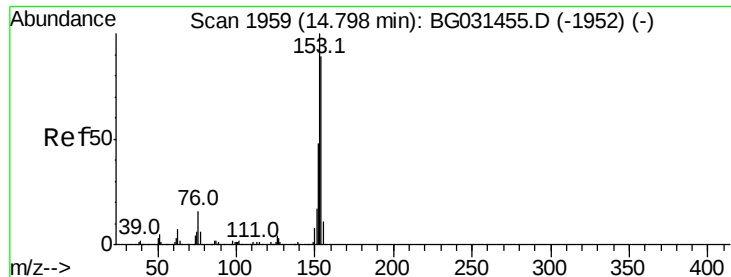
Sohil
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#50
2,6-Dinitrotoluene
Concen: 54.778 ng
RT: 14.31 min Scan# 1876
Delta R.T. -0.00 min
Lab File: BG031497.D
Acq: 12 Dec 2017 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	174955		
63	46.8		52.7	79.1#
89	48.2		49.2	73.8#





#51

Acenaphthene

Concen: 48.616 ng

RT: 14.80 min Scan# 1959

Delta R.T. -0.00 min

Lab File: BG031497.D

Acq: 12 Dec 2017 18:17

Instrument :

BNA_G

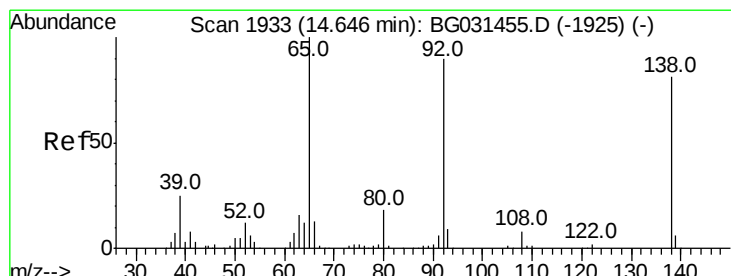
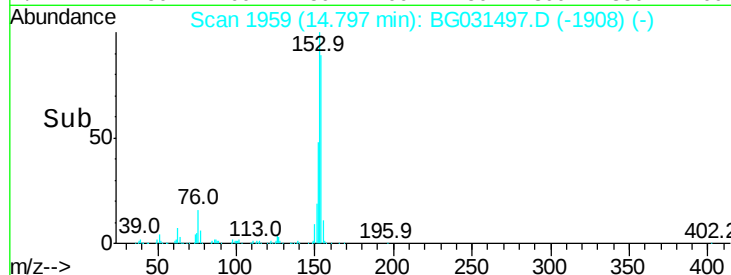
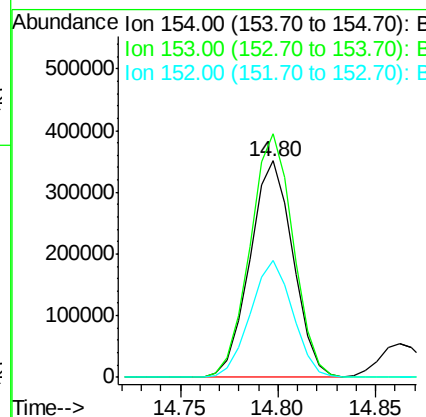
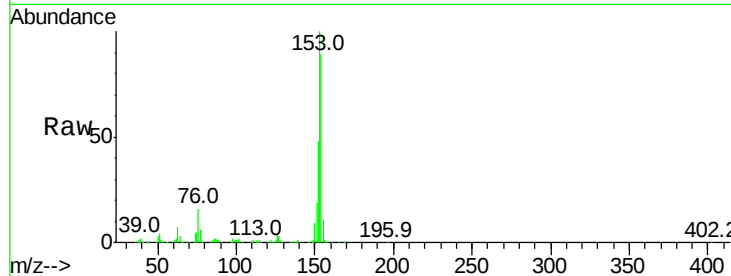
ClientSampleId :

PB104933BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	112.5	90.4	135.6
152	53.9	41.6	62.4

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#52

3-Nitroaniline

Concen: 14.335 ng

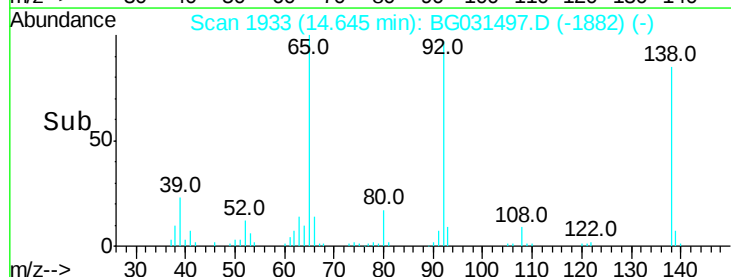
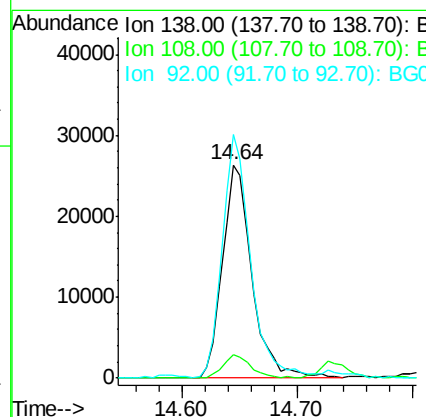
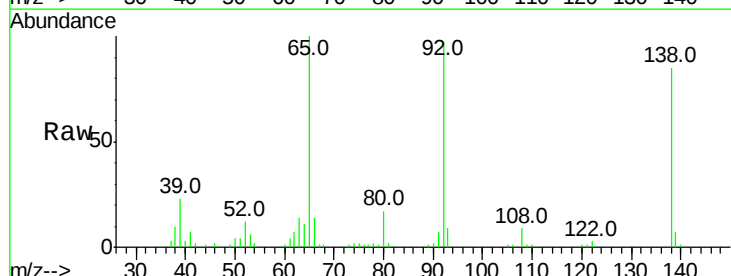
RT: 14.64 min Scan# 1933

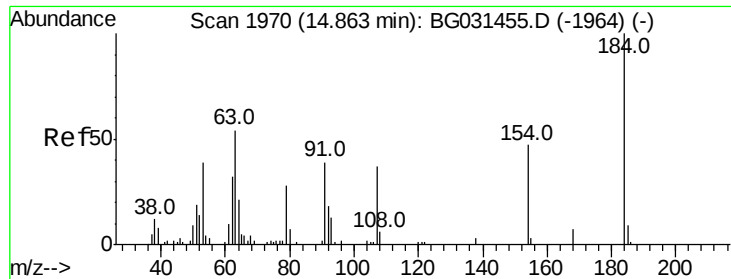
Delta R.T. -0.00 min

Lab File: BG031497.D

Acq: 12 Dec 2017 18:17

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.9	17.5	26.3#
92	114.2	105.8	158.8





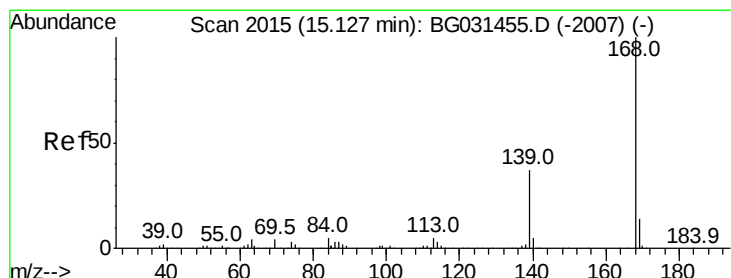
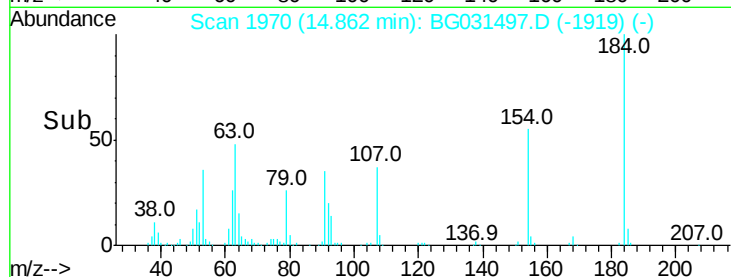
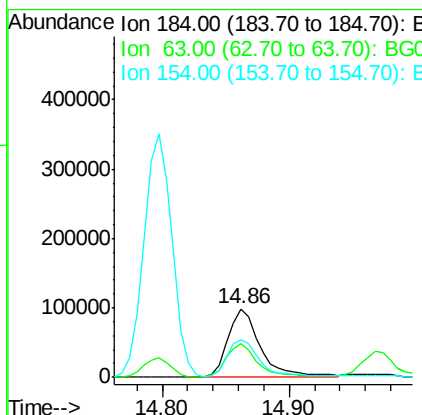
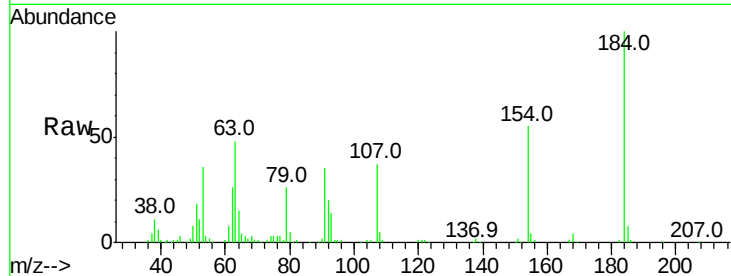
#53
 2,4-Dinitrophenol
 Concen: 125.702 ng
 RT: 14.86 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: BG031497.D
 Acq: 12 Dec 2017 18:17

Instrument :
 BNA_G
 ClientSampleId :
 PB104933BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	48.3	59.8	89.8#
154	55.3	101.8	152.8#

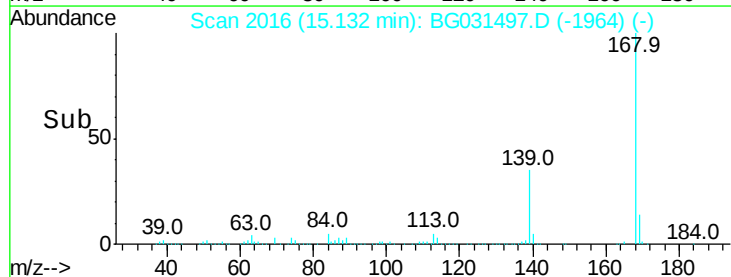
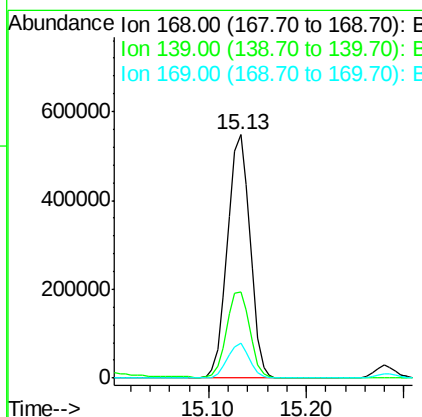
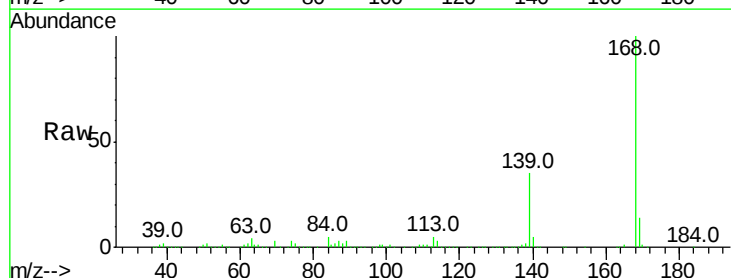
Manual Integrations
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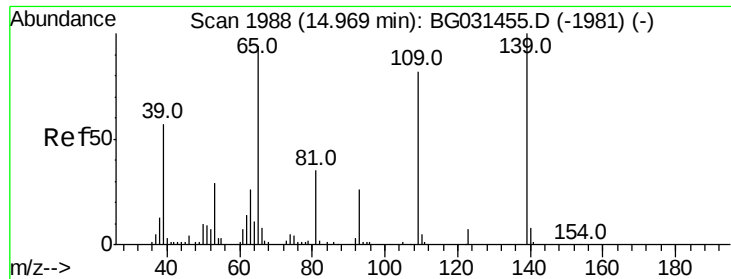
Sohil
 12/13/2017 12:03:29 PM



#54
 Dibenzofuran
 Concen: 49.988 ng
 RT: 15.13 min Scan# 2016
 Delta R.T. 0.01 min
 Lab File: BG031497.D
 Acq: 12 Dec 2017 18:17

Tgt Ion	Ratio	Lower	Upper
168	100		
139	35.4	28.6	43.0
169	14.2	11.2	16.8





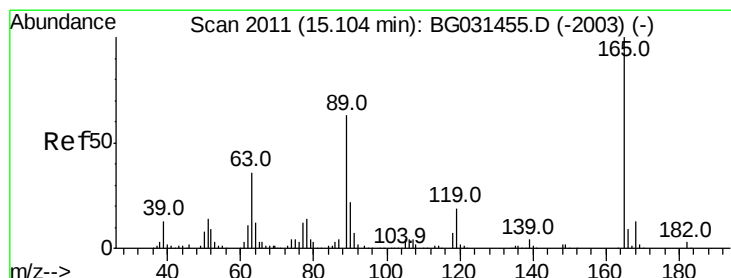
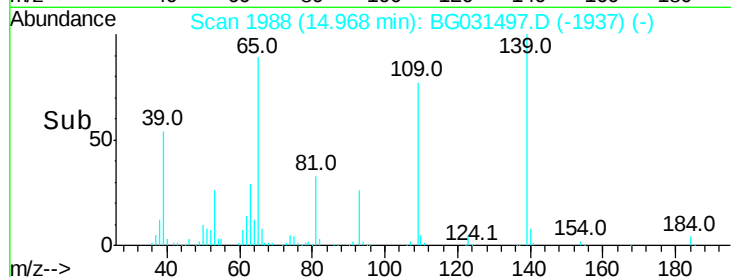
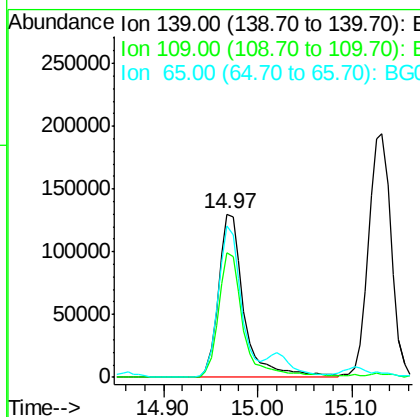
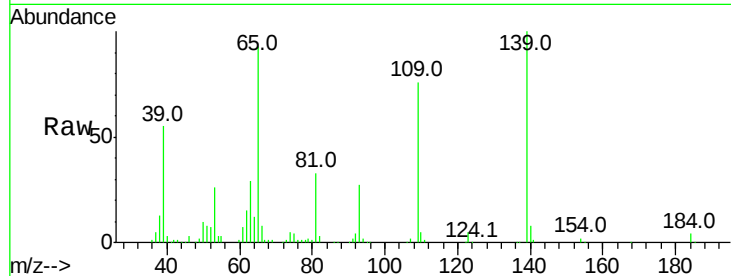
#55
4-Nitrophenol
Concen: 111.062 ng
RT: 14.97 min Scan# 1988
Delta R.T. -0.00 min
Lab File: BG031497.D
Acq: 12 Dec 2017 18:17

Instrument :
BNA_G
ClientSampled :
PB104933BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	76.4	62.2	102.2	
65	92.6	97.2	137.2	

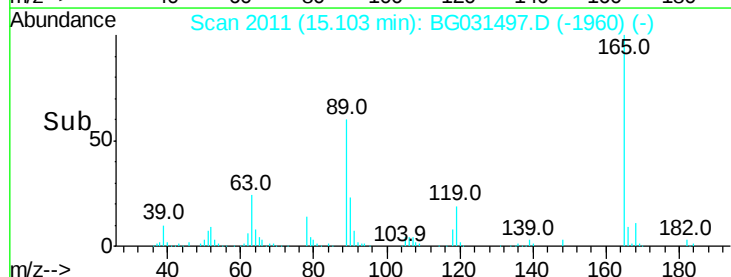
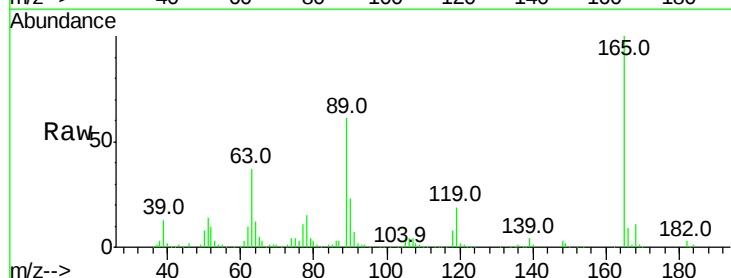
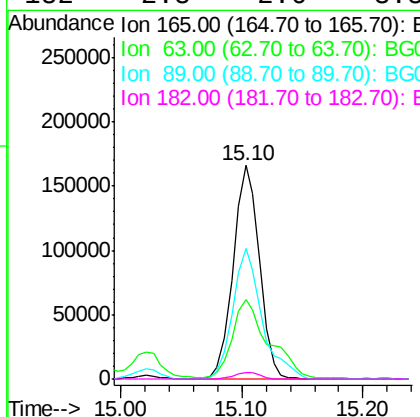
Manual Integrations
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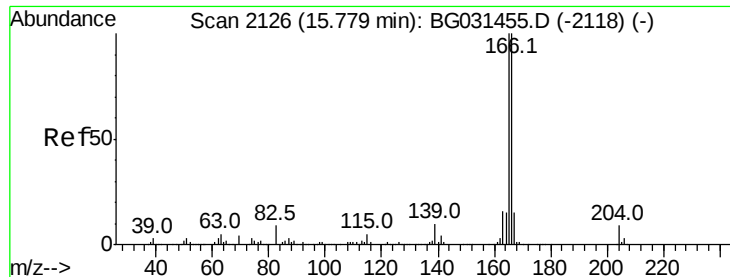
Sohil
12/13/2017 12:03:29 PM



#56
2,4-Dinitrotoluene
Concen: 55.244 ng
RT: 15.10 min Scan# 2011
Delta R.T. -0.00 min
Lab File: BG031497.D
Acq: 12 Dec 2017 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	37.1	42.0	63.0	
89	61.1	66.9	100.3	
182	2.8	2.6	3.8	





#57

Fluorene

Concen: 50.568 ng

RT: 15.78 min Scan# 2126

Delta R.T. -0.00 min

Lab File: BG031497.D

Acq: 12 Dec 2017 18:17

Instrument :

BNA_G

ClientSampleId :

PB104933BS

Tot Ion:166 Resp: 713760

Ion Ratio Lower Upper

166 100

165 97.7 80.6 121.0

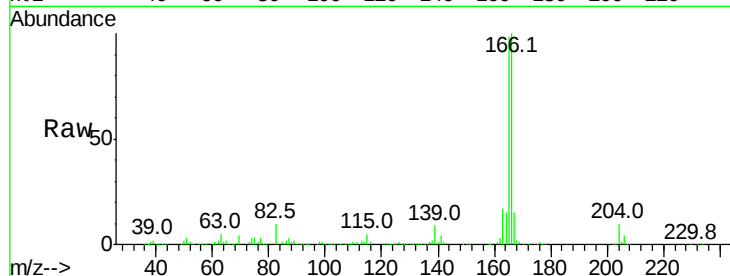
167 14.7 10.4 15.6

Manual Integrations

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Sohil

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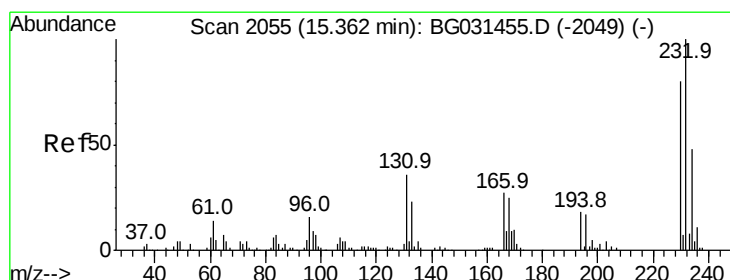
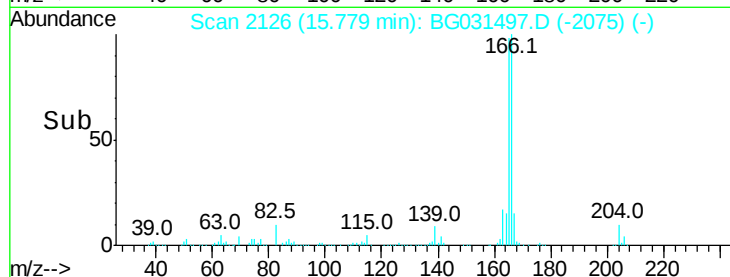
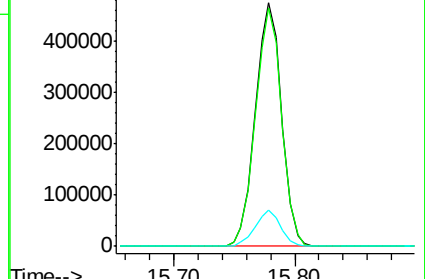


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

15.78



#58

2,3,4,6-Tetrachlorophenol

Concen: 62.021 ng

RT: 15.36 min Scan# 2055

Delta R.T. -0.00 min

Lab File: BG031497.D

Acq: 12 Dec 2017 18:17

Tgt Ion:232 Resp: 226320

Ion Ratio Lower Upper

232 100

131 33.5 33.5 50.3#

130 2.0 2.2 3.2#

166 26.6 24.8 37.2

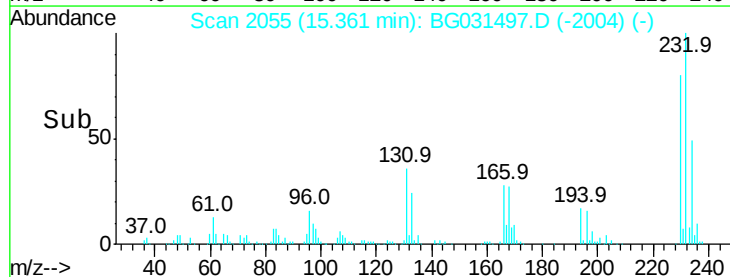
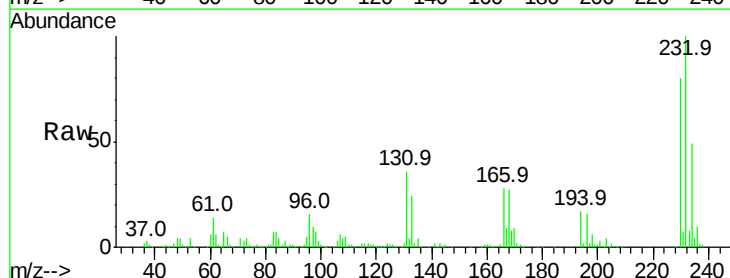
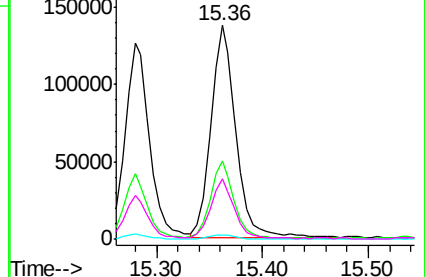
Abundance Ion 232.00 (231.70 to 232.70): E

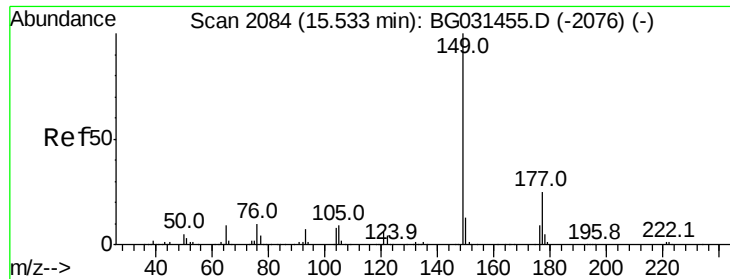
Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

15.36





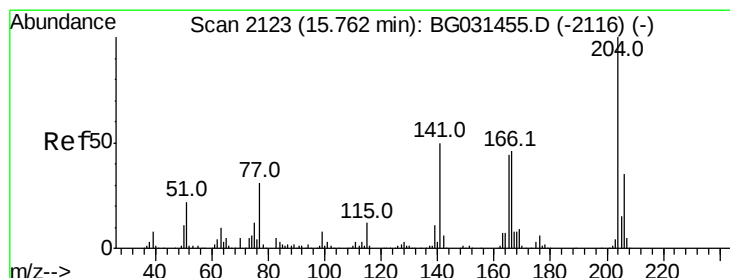
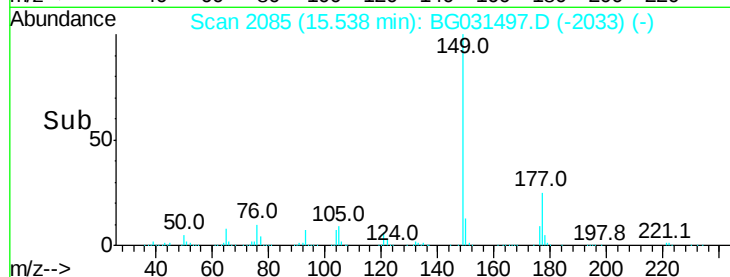
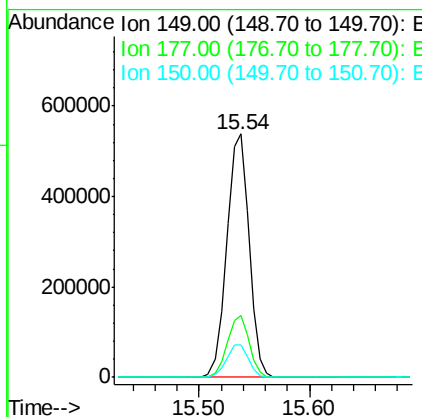
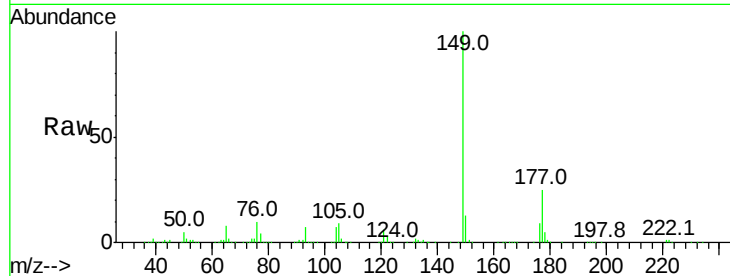
#59
Diethylphthalate
Concen: 50.836 ng
RT: 15.54 min Scan# 2085
Delta R.T. 0.00 min
Lab File: BG031497.D
Acq: 12 Dec 2017 18:17

Instrument :
BNA_G
ClientSampleId :
PB104933BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	761419		
177	25.3	18.5	27.7	
150	13.3	10.2	15.2	

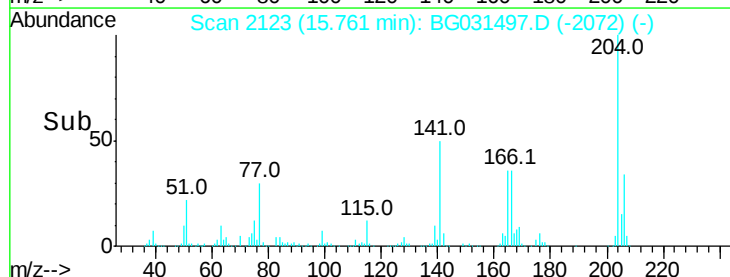
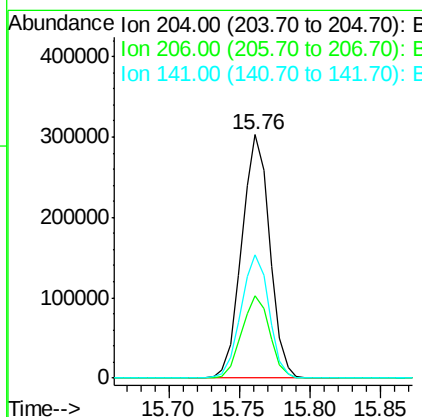
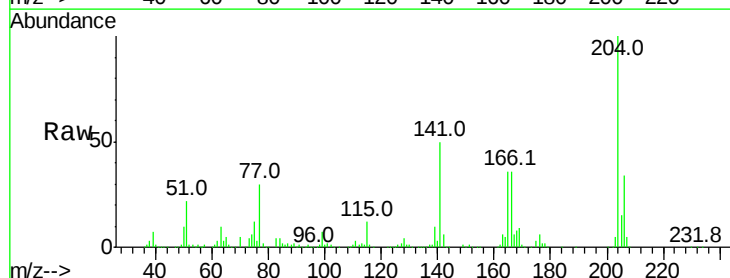
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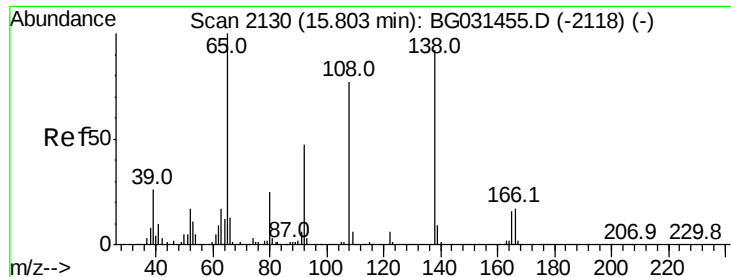
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 48.502 ng
RT: 15.76 min Scan# 2123
Delta R.T. -0.00 min
Lab File: BG031497.D
Acq: 12 Dec 2017 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	418846		
206	34.0	26.2	39.2	
141	50.5	45.8	68.6	





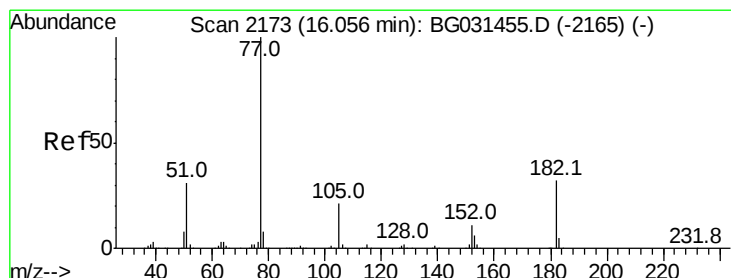
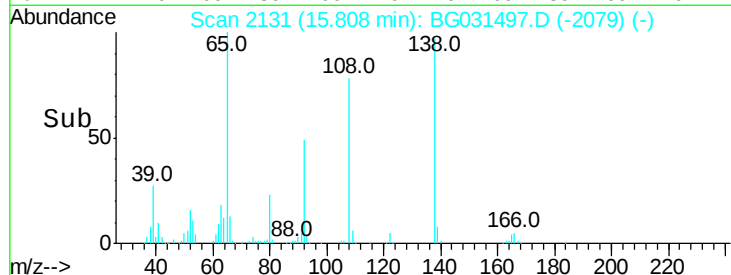
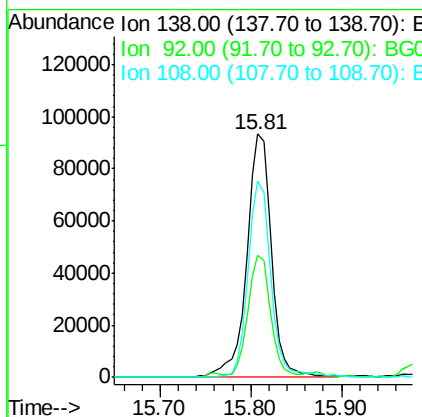
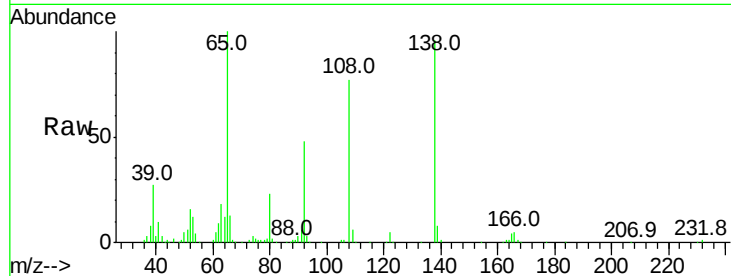
#61
4-Nitroaniline
Concen: 51.484 ng
RT: 15.81 min Scan# 2131
Delta R.T. 0.01 min
Lab File: BG031497.D
Acq: 12 Dec 2017 18:17

Instrument :
BNA_G
ClientSampleId :
PB104933BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	50.4	40.1	80.1
108	80.5	65.4	105.4

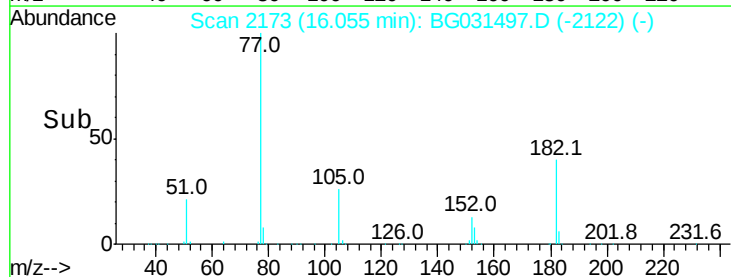
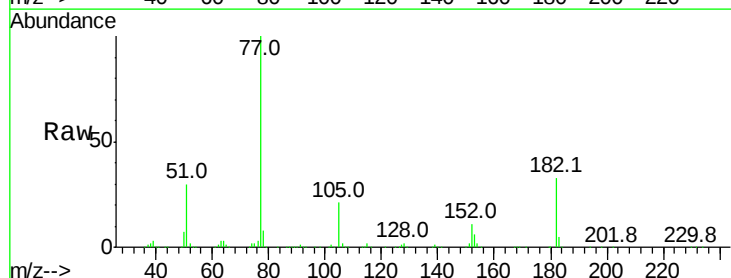
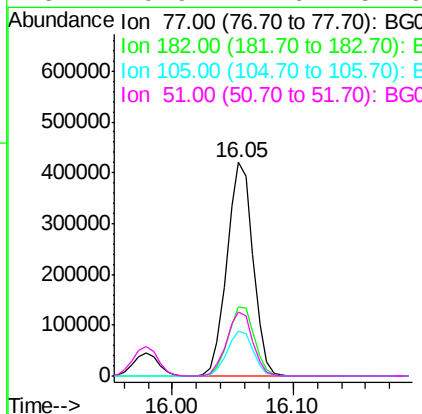
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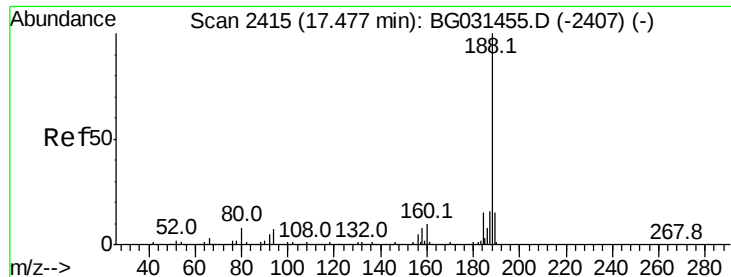
Sohil
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#62
Azobenzene
Concen: 50.760 ng
RT: 16.05 min Scan# 2173
Delta R.T. -0.00 min
Lab File: BG031497.D
Acq: 12 Dec 2017 18:17

Tgt Ion	Ratio	Lower	Upper
77	100		
182	32.6	7.4	47.4
105	21.0	0.3	40.3
51	29.9	11.6	51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2415

Delta R.T. -0.00 min

Lab File: BG031497.D

Acq: 12 Dec 2017 18:17

Instrument :

BNA_G

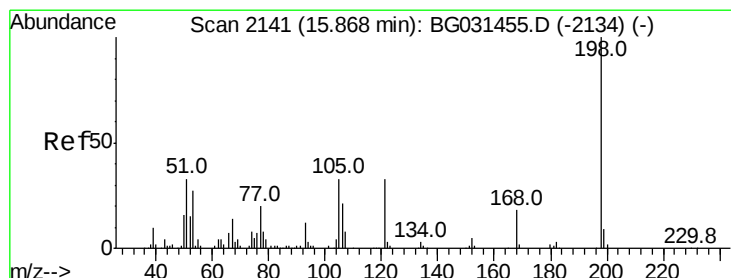
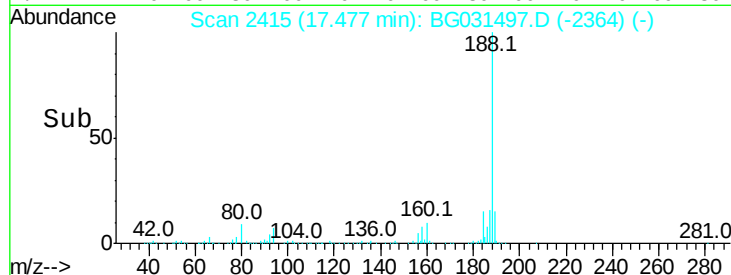
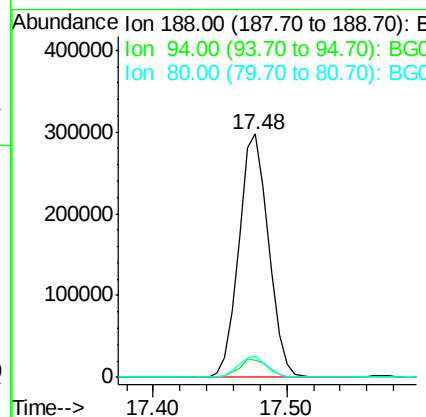
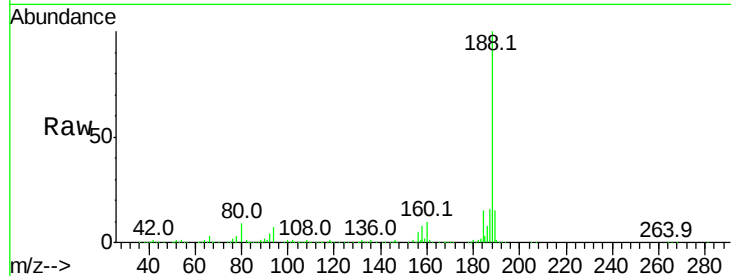
ClientSampleId :

PB104933BS

Tot Ion:	188	Resp:	458979
Ion Ratio	Lower	Upper	
188	100		
94	7.2	6.9	10.3
80	8.8	7.7	11.5

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#64

4,6-Dinitro-2-methylphenol

Concen: 47.894 ng

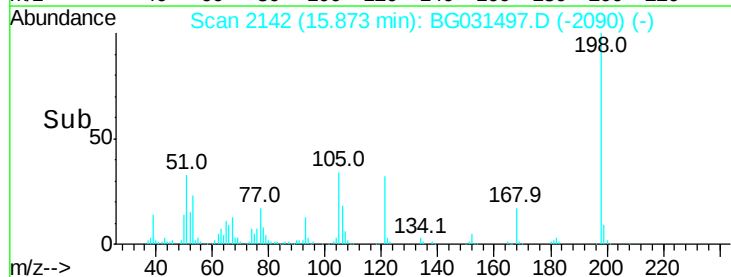
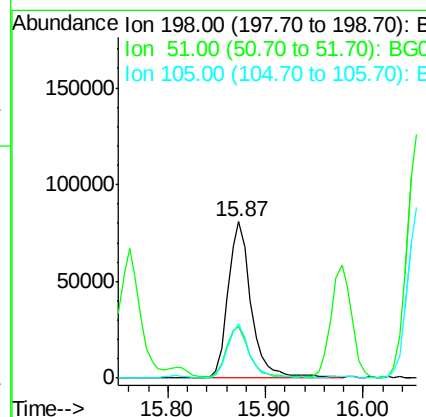
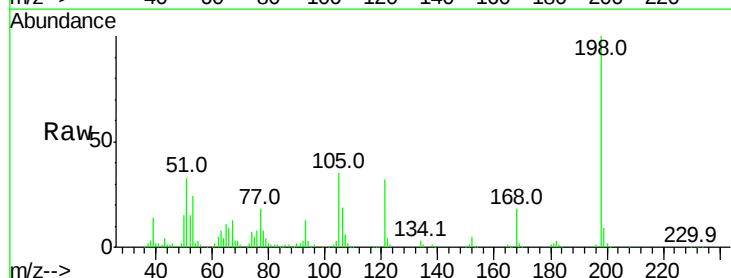
RT: 15.87 min Scan# 2142

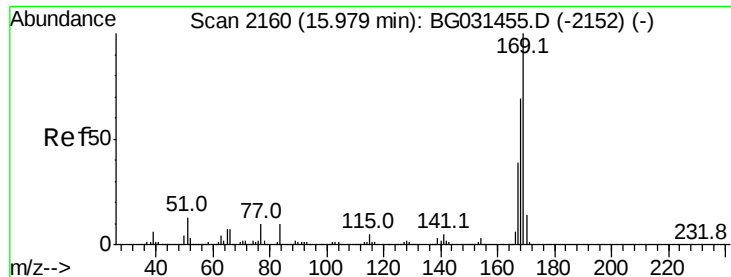
Delta R.T. 0.01 min

Lab File: BG031497.D

Acq: 12 Dec 2017 18:17

Tgt Ion:	198	Resp:	133021
Ion Ratio	Lower	Upper	
198	100		
51	33.2	30.6	70.6
105	34.6	23.8	63.8





#65

n-Nitrosodiphenylamine

Concen: 49.972 ng

RT: 15.98 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BG031497.D

Acq: 12 Dec 2017 18:17

Instrument :

BNA_G

ClientSampleId :

PB104933BS

Tot Ion:169 Resp: 671342

Ion Ratio Lower Upper

169 100

168 70.6 55.7 83.5

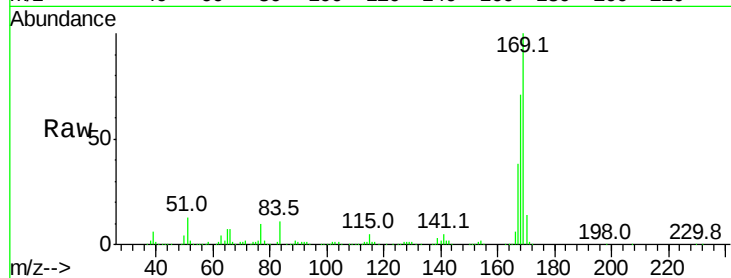
167 38.5 30.1 45.1

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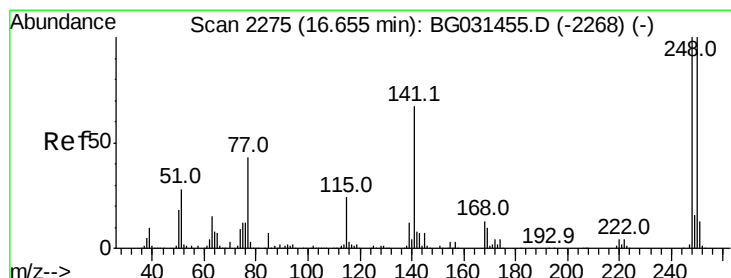
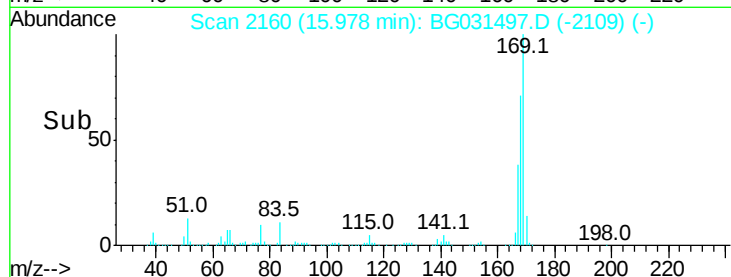
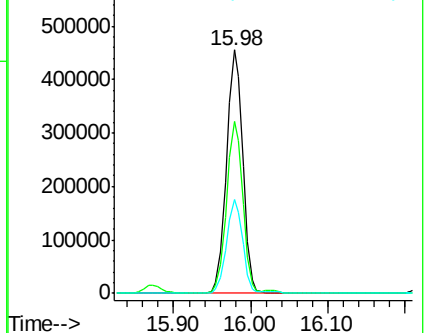
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 53.343 ng

RT: 16.65 min Scan# 2275

Delta R.T. -0.00 min

Lab File: BG031497.D

Acq: 12 Dec 2017 18:17

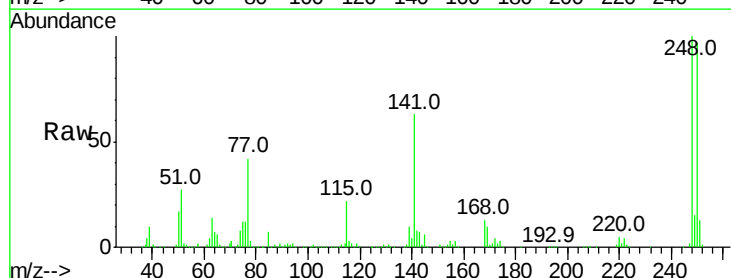
Tgt Ion:248 Resp: 284701

Ion Ratio Lower Upper

248 100

250 97.1 77.1 115.7

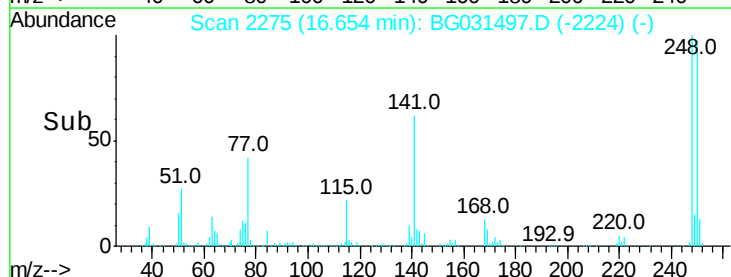
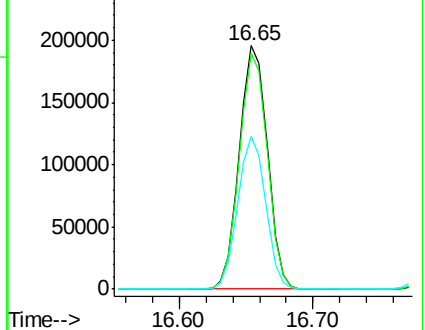
141 62.9 50.8 76.2

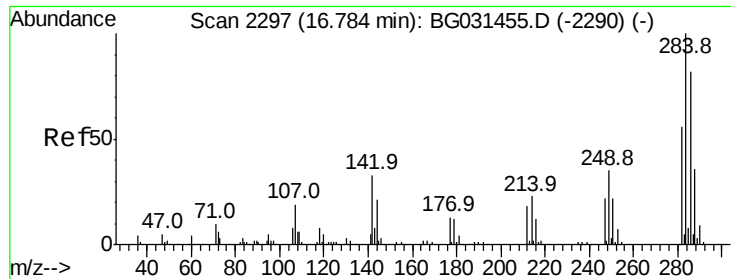


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 51.932 ng

RT: 16.78 min Scan# 2297

Delta R.T. -0.00 min

Lab File: BG031497.D

Acq: 12 Dec 2017 18:17

Instrument :

BNA_G

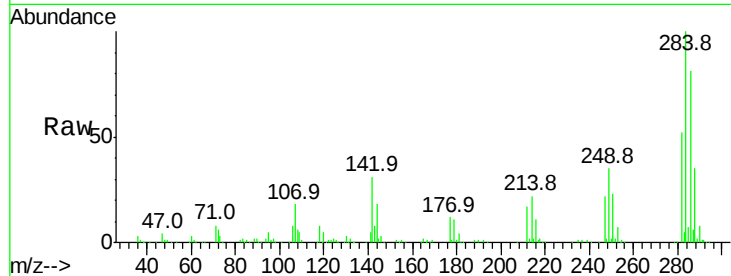
ClientSampleId :

PB104933BS

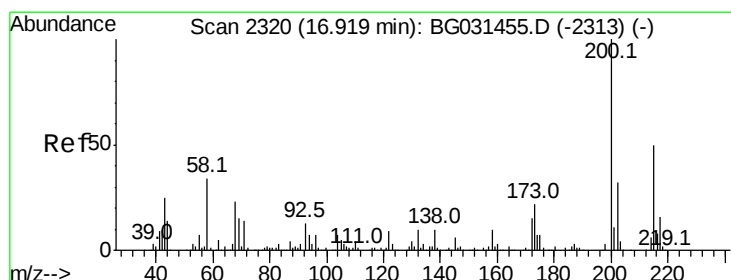
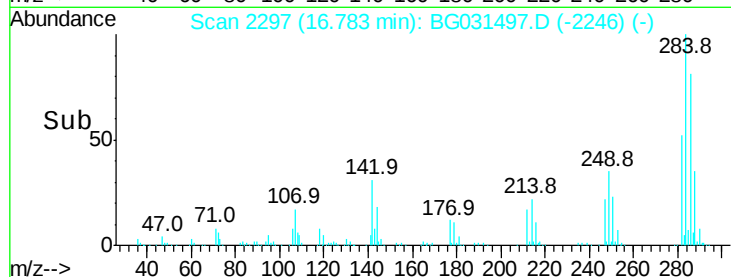
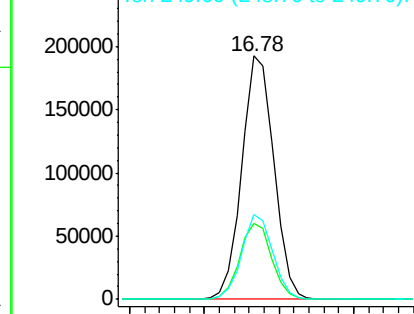
Tot Ion:	284	Resp:	286208
Ion Ratio	Lower	Upper	
284	100		
142	31.0	26.8	40.2
249	34.7	26.3	39.5

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



#68

Atrazine

Concen: 60.049 ng

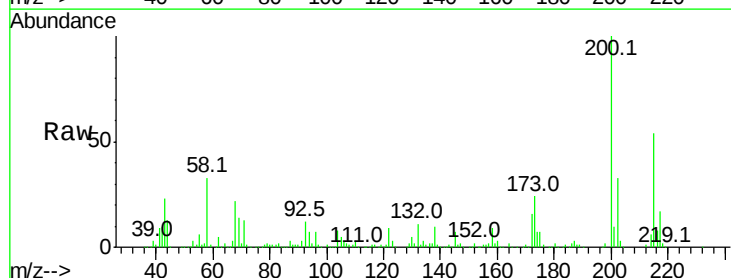
RT: 16.92 min Scan# 2321

Delta R.T. 0.01 min

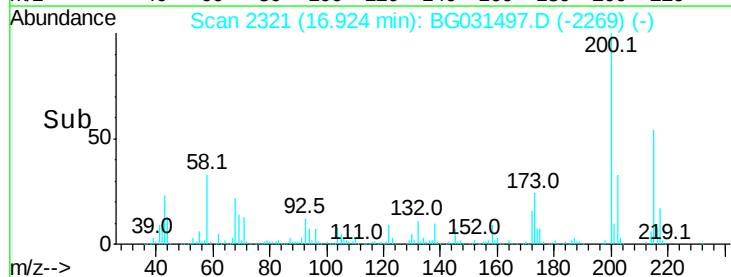
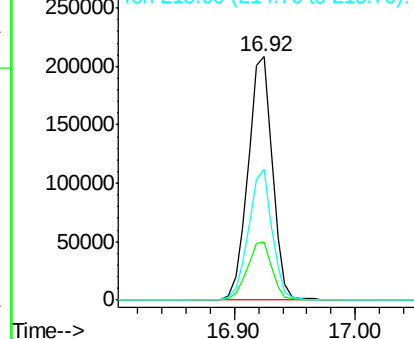
Lab File: BG031497.D

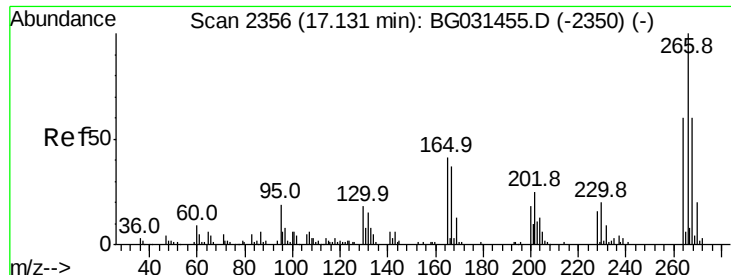
Acq: 12 Dec 2017 18:17

Tgt Ion:	200	Resp:	294977
Ion Ratio	Lower	Upper	
200	100		
173	24.0	5.2	45.2
215	53.7	30.4	70.4



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





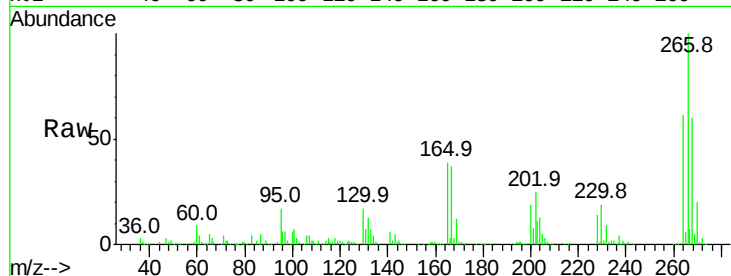
#69
 Pentachlorophenol
 Concen: 95.847 ng
 RT: 17.14 min Scan# 2357
 Delta R.T. 0.01 min
 Lab File: BG031497.D
 Acq: 12 Dec 2017 18:17

Instrument :
 BNA_G
 ClientSampleId :
 PB104933BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	257113		
268	59.7		51.1	76.7
264	61.5		49.6	74.4

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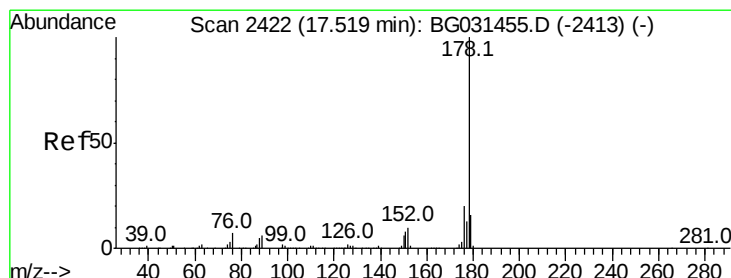
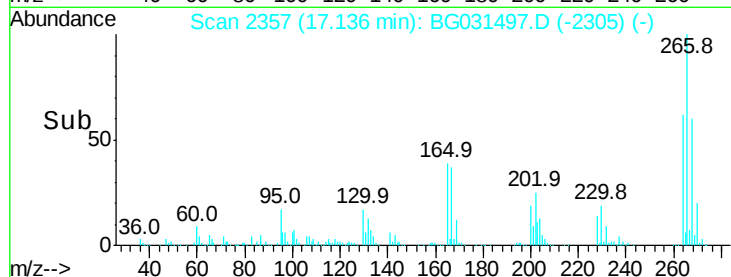
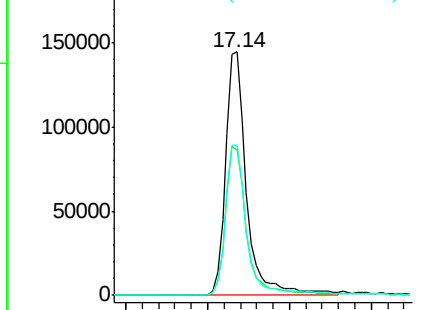


Abundance

Ion 265.70 (265.40 to 266.40): E

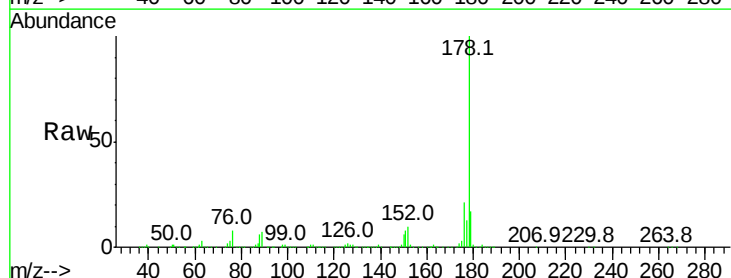
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 50.534 ng
 RT: 17.52 min Scan# 2422
 Delta R.T. -0.00 min
 Lab File: BG031497.D
 Acq: 12 Dec 2017 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1211342		
176	20.8		15.7	23.5
179	16.9		12.5	18.7

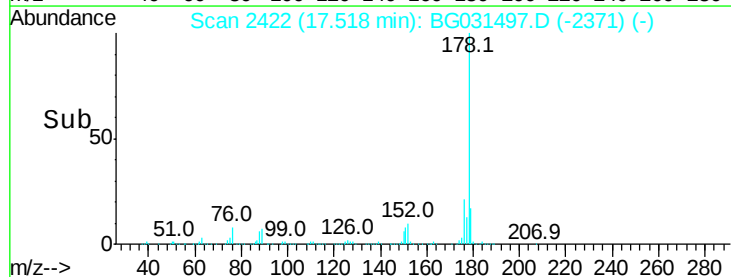
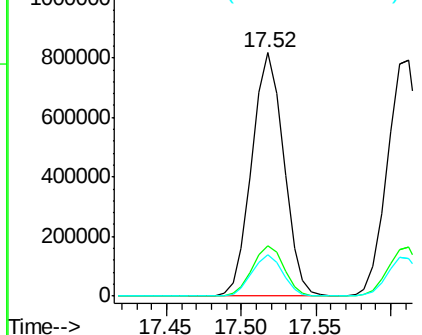


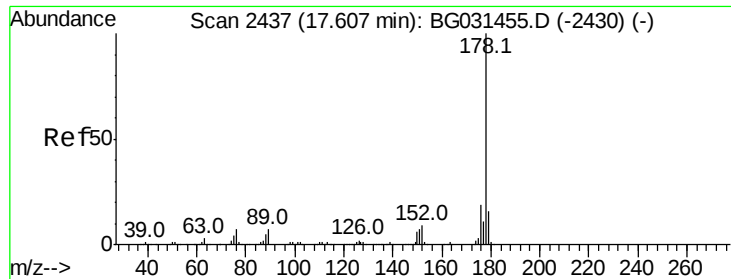
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





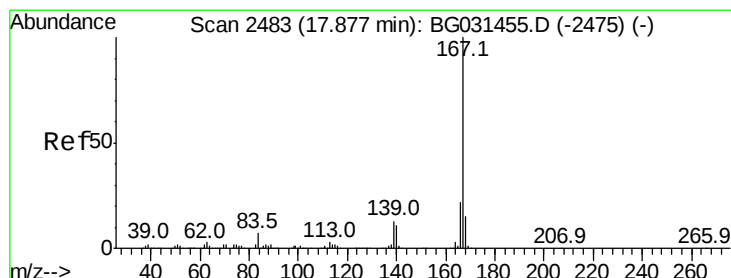
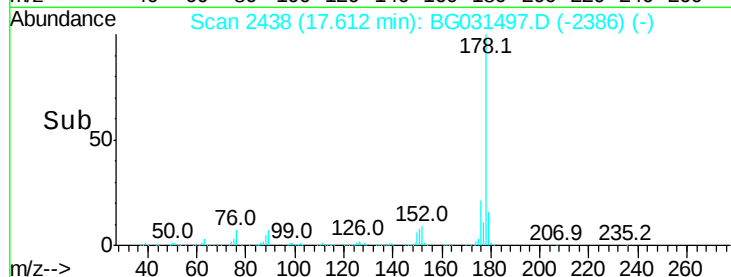
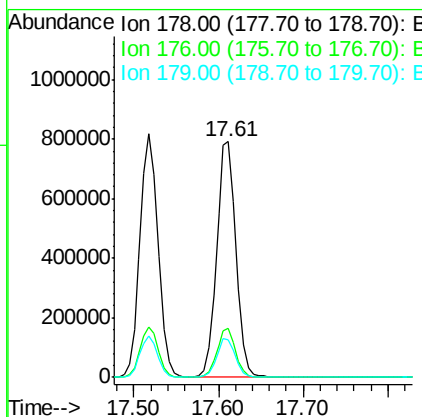
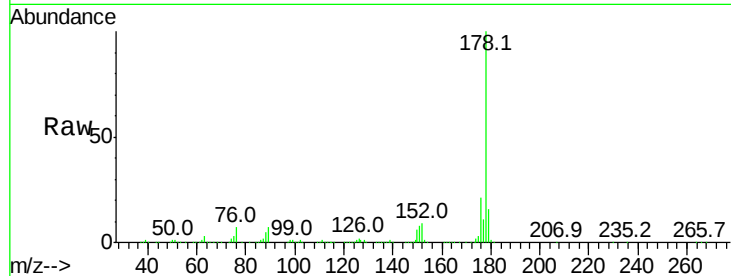
#71
 Anthracene
 Concen: 53.304 ng
 RT: 17.61 min Scan# 2438
 Delta R.T. 0.01 min
 Lab File: BG031497.D
 Acq: 12 Dec 2017 18:17

Instrument :
 BNA_G
 ClientSampleID :
 PB104933BS

Tot Ion:178 Resp: 1263684
 Ion Ratio Lower Upper
 178 100
 176 20.7 16.0 24.0
 179 16.2 12.5 18.7

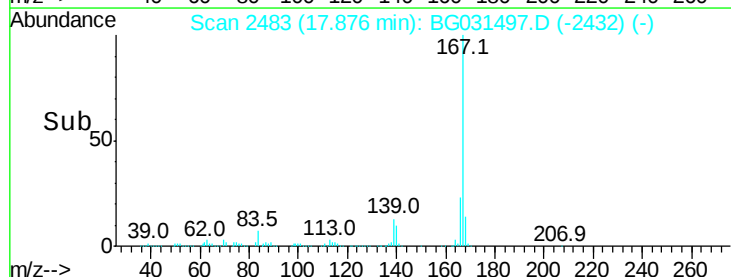
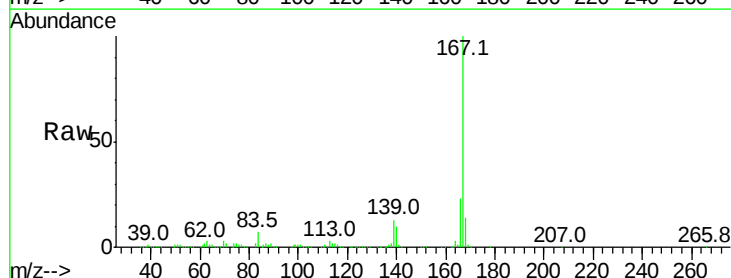
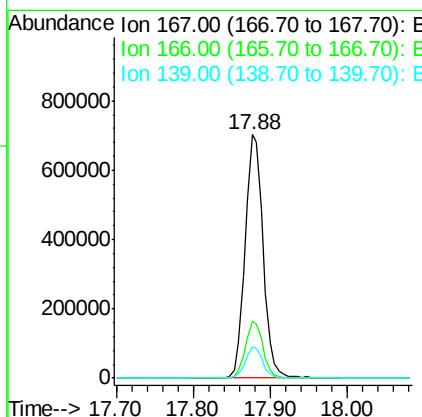
Manual Integrations
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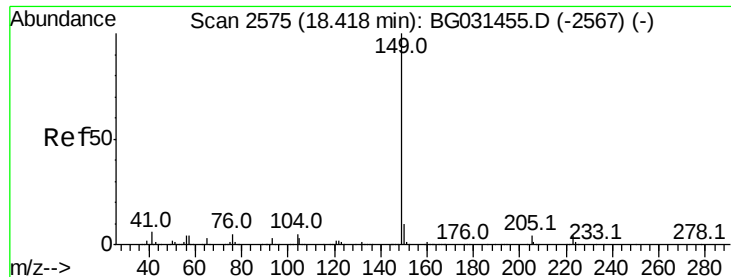
Sohil
 12/13/2017 12:03:29 PM



#72
 Carbazole
 Concen: 53.668 ng
 RT: 17.88 min Scan# 2483
 Delta R.T. -0.00 min
 Lab File: BG031497.D
 Acq: 12 Dec 2017 18:17

Tgt Ion:167 Resp: 1151385
 Ion Ratio Lower Upper
 167 100
 166 23.5 18.2 27.4
 139 12.8 9.4 14.2





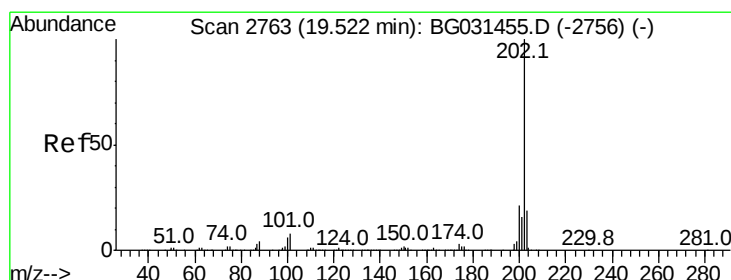
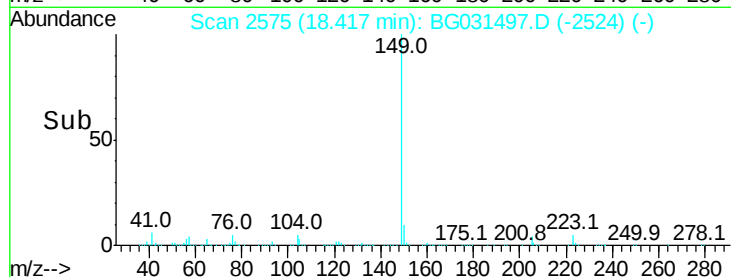
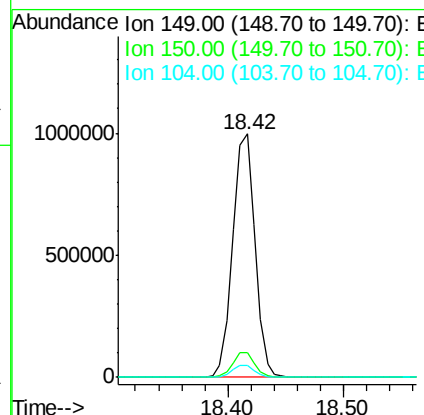
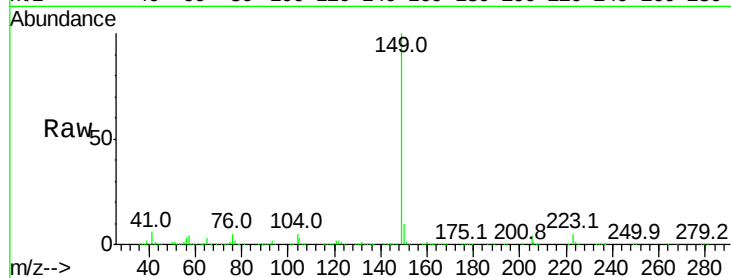
#73
Di-n-butylphthalate
Concen: 53.757 ng
RT: 18.42 min Scan# 2575
Delta R.T. -0.00 min
Lab File: BG031497.D
Acq: 12 Dec 2017 18:17

Instrument :
BNA_G
ClientSampleId :
PB104933BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	10.2	7.8	11.6
104	5.0	3.9	5.9

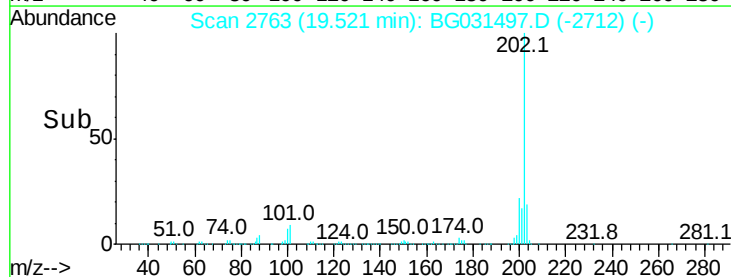
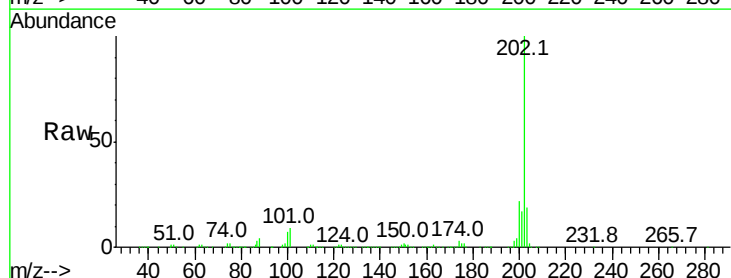
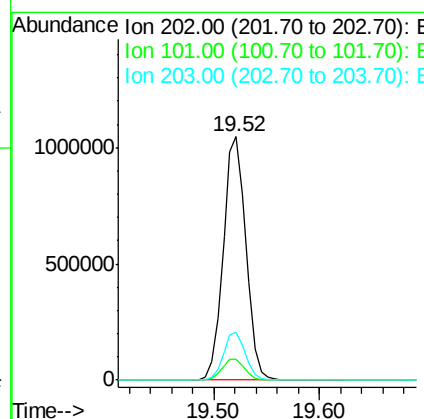
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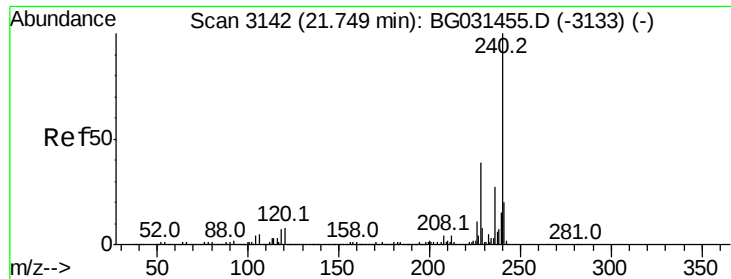
Sohil
12/13/2017 12:03:29 PM



#74
Fluoranthene
Concen: 52.119 ng
RT: 19.52 min Scan# 2763
Delta R.T. -0.00 min
Lab File: BG031497.D
Acq: 12 Dec 2017 18:17

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	28.9
203	19.5	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG031497.D

Acq: 12 Dec 2017 18:17

Instrument :

BNA_G

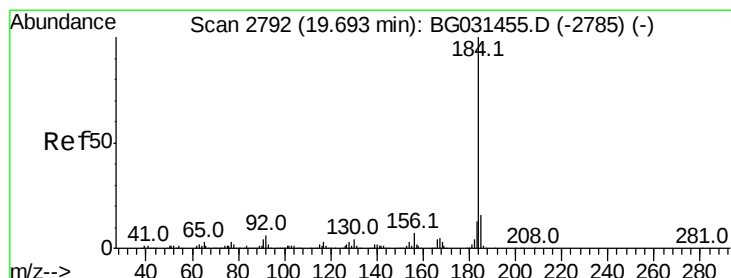
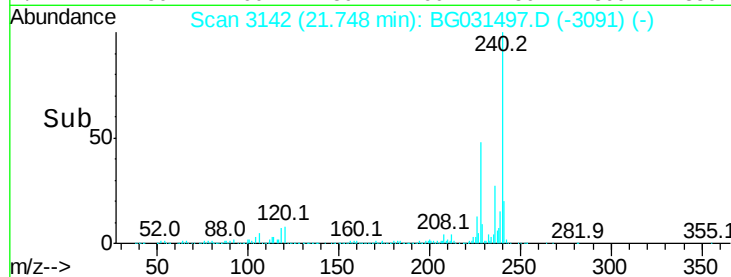
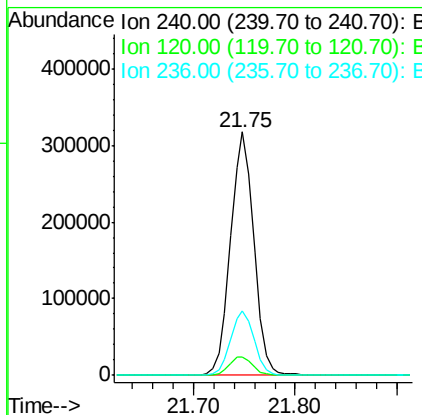
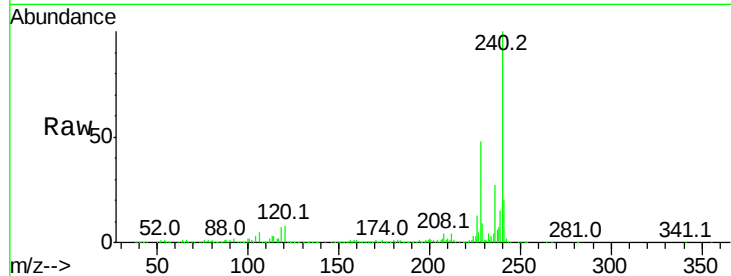
ClientSampleId :

PB104933BS

Tot Ion:	240	Resp:	506419
Ion Ratio	Lower	Upper	
240	100		
120	7.7	6.8	10.2
236	26.6	20.9	31.3

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#76

Benzidine

Concen: 45.339 ng

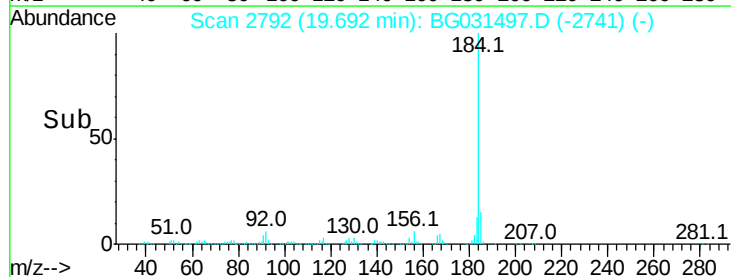
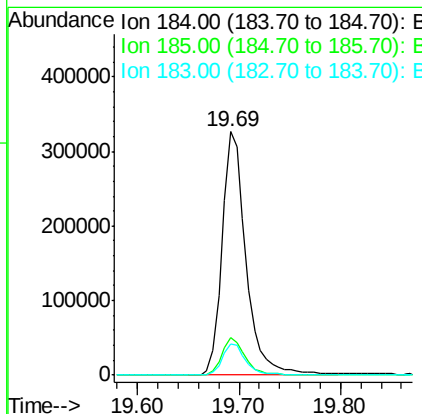
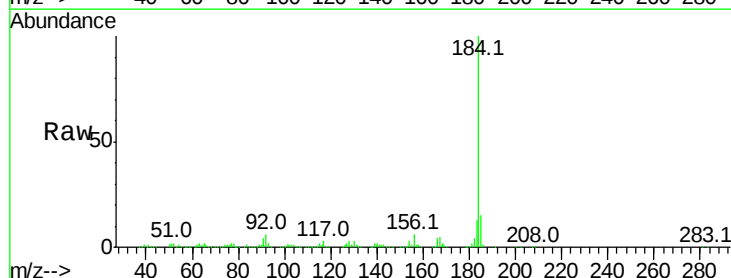
RT: 19.69 min Scan# 2792

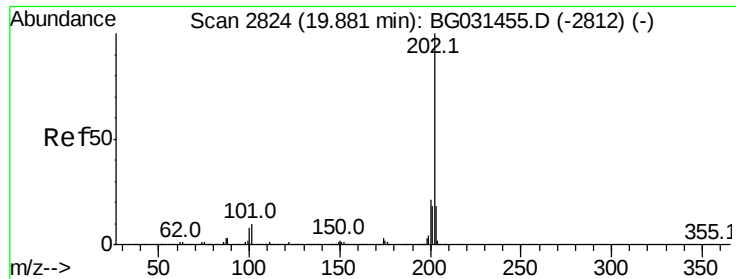
Delta R.T. -0.00 min

Lab File: BG031497.D

Acq: 12 Dec 2017 18:17

Tgt Ion:	184	Resp:	534336
Ion Ratio	Lower	Upper	
184	100		
185	15.4	11.1	16.7
183	12.8	10.6	16.0





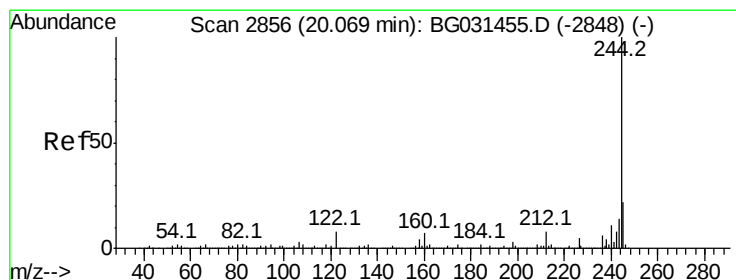
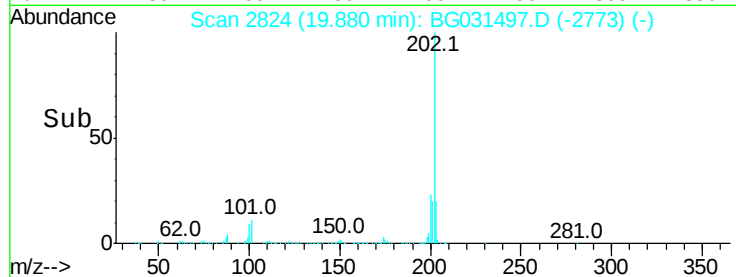
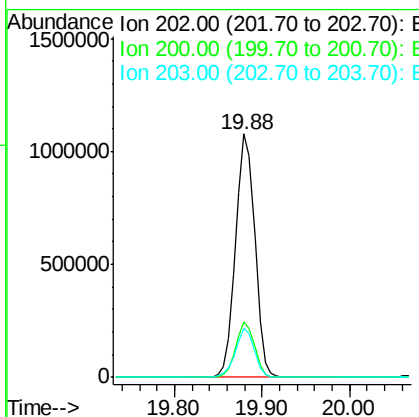
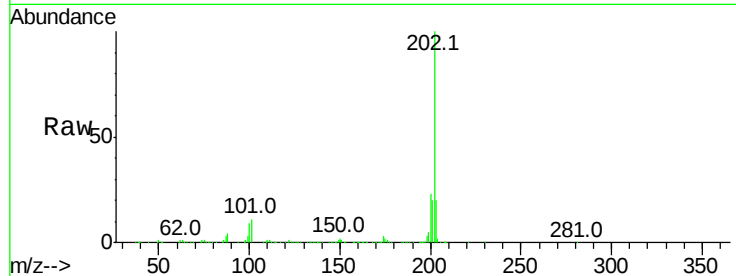
#77
Pvrene
Concen: 50.884 ng
RT: 19.88 min Scan# 2824
Delta R.T. -0.00 min
Lab File: BG031497.D
Acq: 12 Dec 2017 18:17

Instrument :
BNA_G
ClientSampleId :
PB104933BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1601162		
200	23.0		16.9	25.3
203	20.0		13.9	20.9

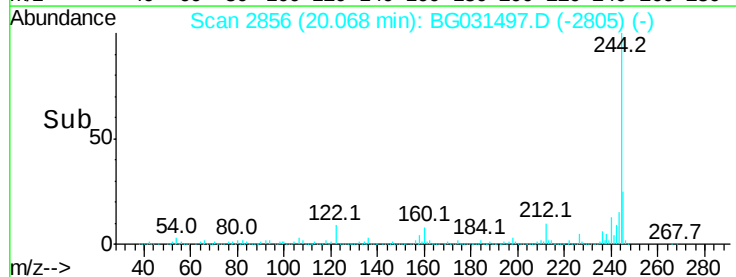
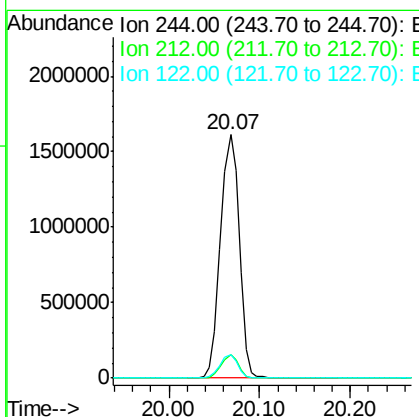
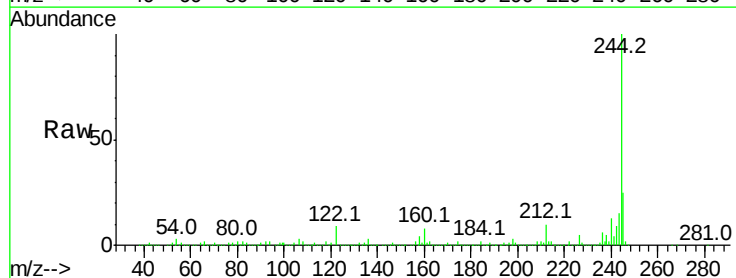
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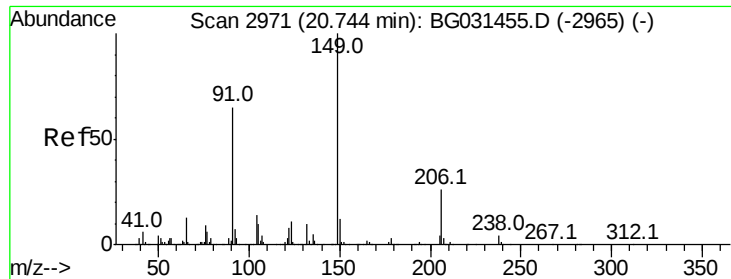
Sohil
12/13/2017 12:03:29 PM



#78
Terphenyl-d14
Concen: 104.076 ng
RT: 20.07 min Scan# 2856
Delta R.T. -0.00 min
Lab File: BG031497.D
Acq: 12 Dec 2017 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	2316587		
212	9.6		5.8	8.8#
122	9.4		7.0	10.4





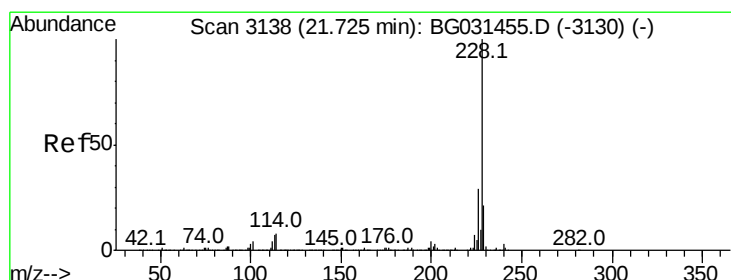
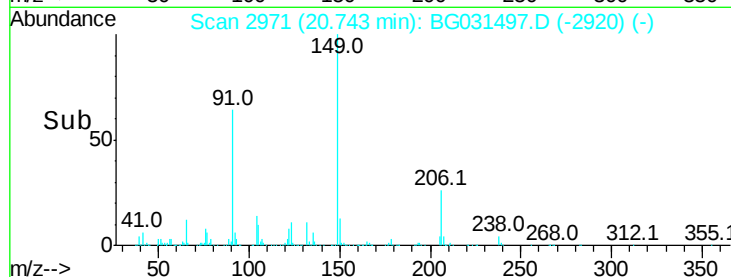
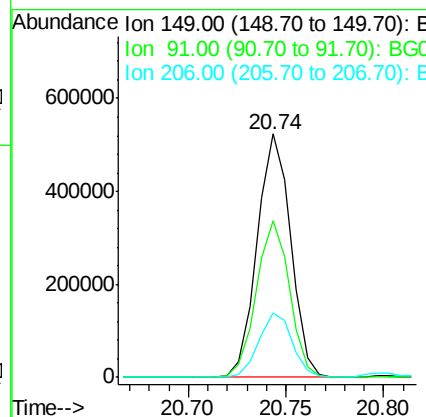
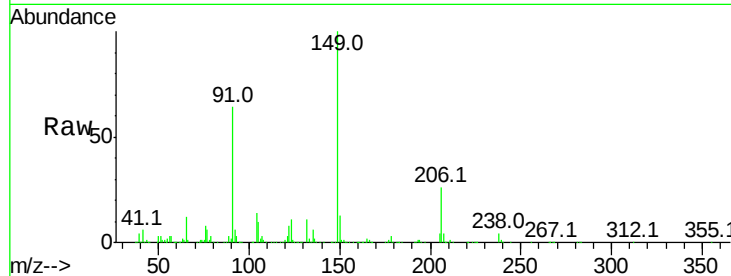
#79
Butylbenzylphthalate
Concen: 56.412 ng
RT: 20.74 min Scan# 2971
Delta R.T. -0.00 min
Lab File: BG031497.D
Acq: 12 Dec 2017 18:17

Instrument :
BNA_G
ClientSampleId :
PB104933BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	64.1	62.2	93.2
206	26.3	18.6	27.8

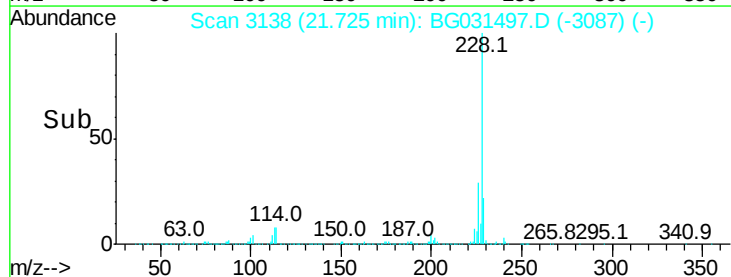
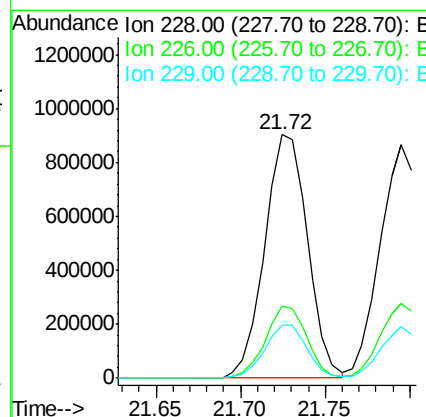
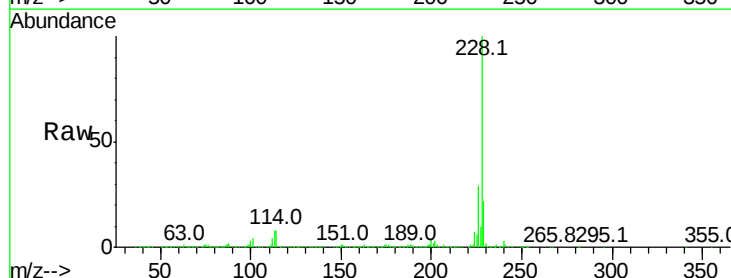
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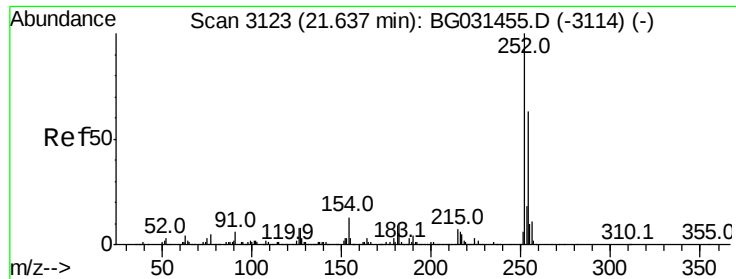
Sohil
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#80
Benzo(a)anthracene
Concen: 51.770 ng
RT: 21.72 min Scan# 3138
Delta R.T. -0.00 min
Lab File: BG031497.D
Acq: 12 Dec 2017 18:17

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.7	34.1
229	21.8	16.2	24.2





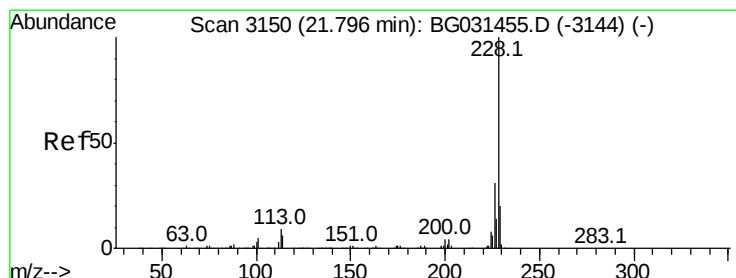
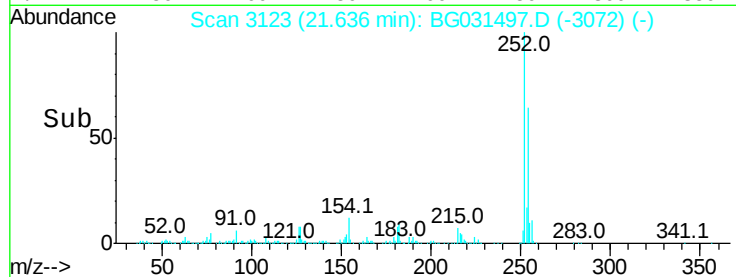
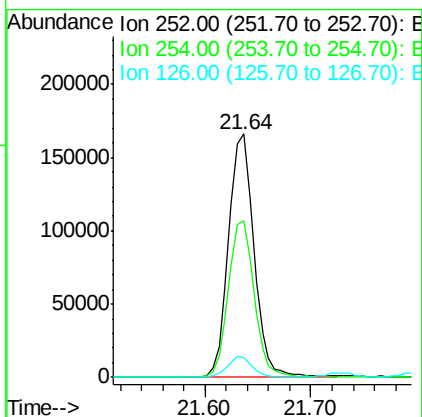
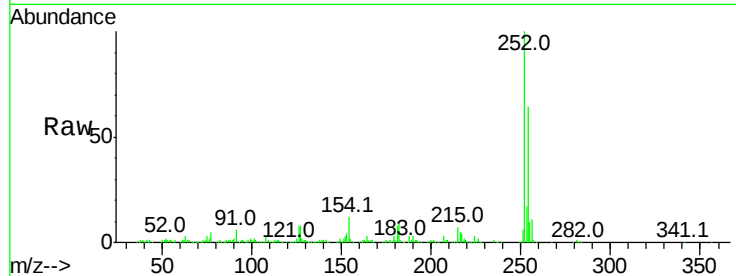
#81
 3,3'-Dichlorobenzidine
 Concen: 26.137 ng
 RT: 21.64 min Scan# 3123
 Delta R.T. -0.00 min
 Lab File: BG031497.D
 Acq: 12 Dec 2017 18:17

Instrument :
 BNA_G
 ClientSampleId :
 PB104933BS

Tot Ion:	252	Resp:	278051
Ion Ratio	Lower	Upper	
252	100		
254	64.1	50.8	76.2
126	7.9	7.4	11.2

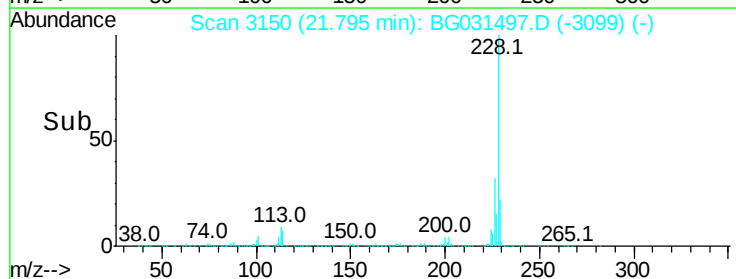
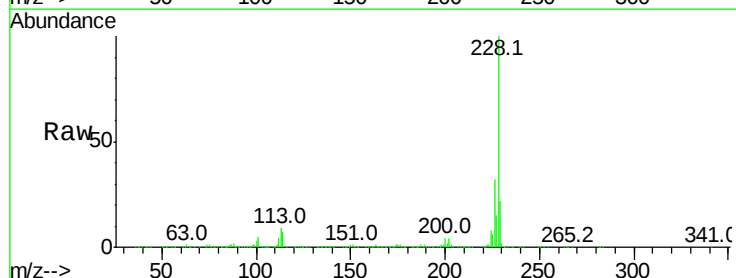
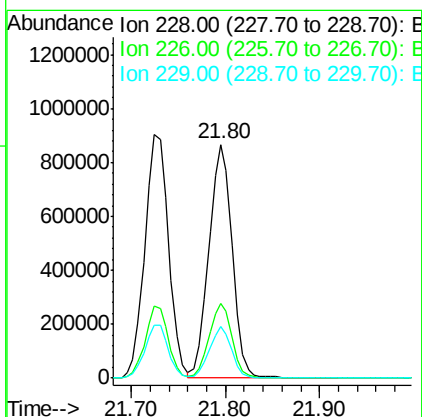
Manual Integrations
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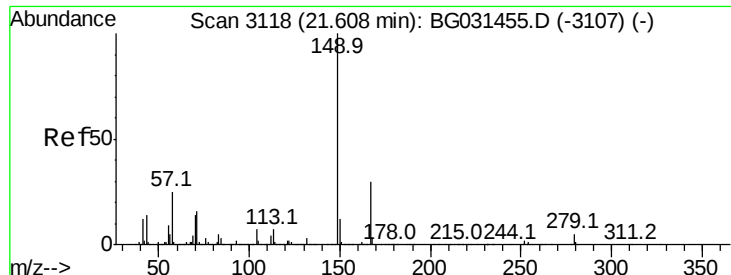
Sohil
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#82
 Chrysene
 Concen: 51.235 ng
 RT: 21.80 min Scan# 3150
 Delta R.T. -0.00 min
 Lab File: BG031497.D
 Acq: 12 Dec 2017 18:17

Tgt Ion:	228	Resp:	1501360
Ion Ratio	Lower	Upper	
228	100		
226	31.9	24.9	37.3
229	21.9	15.0	22.4





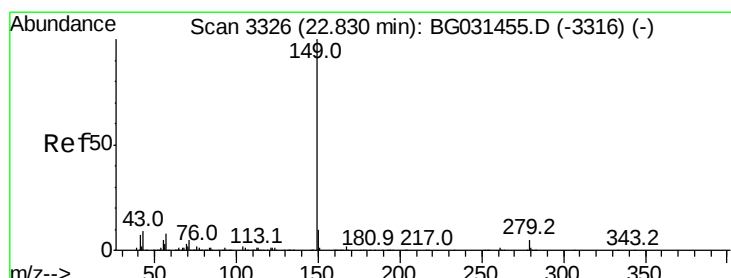
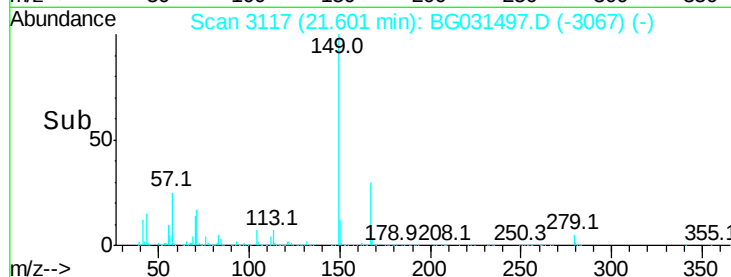
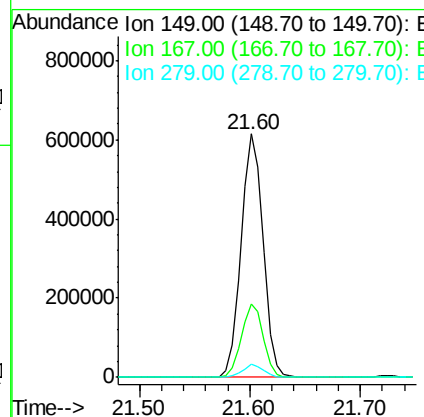
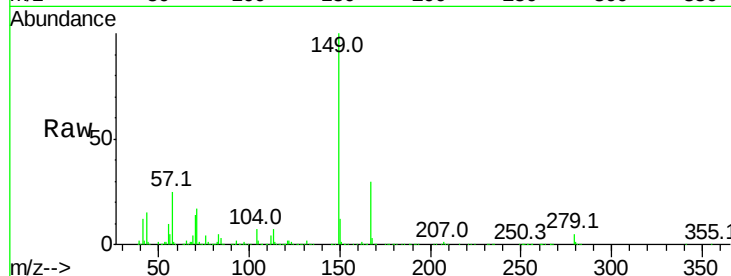
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 54.385 ng
 RT: 21.60 min Scan# 3117
 Delta R.T. -0.01 min
 Lab File: BG031497.D
 Acq: 12 Dec 2017 18:17

Instrument :
 BNA_G
 ClientSampleId :
 PB104933BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	30.3	24.3	36.5	
279	5.4	4.0	6.0	

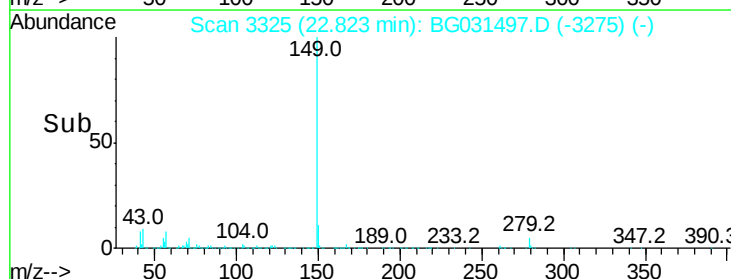
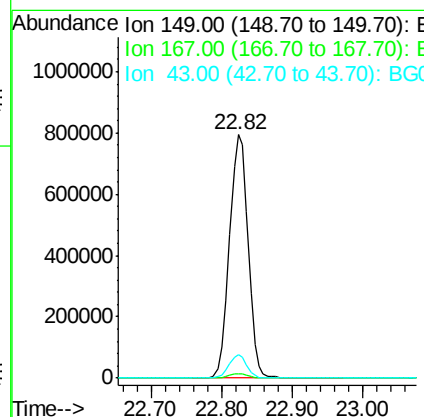
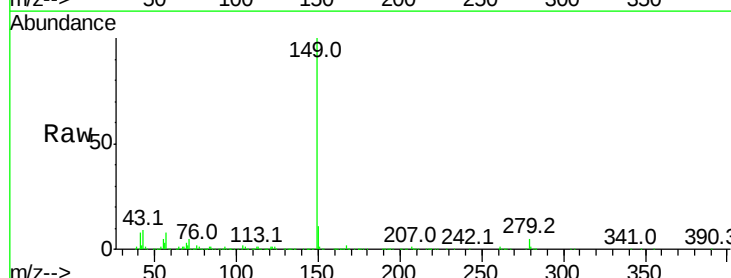
Manual Integrations
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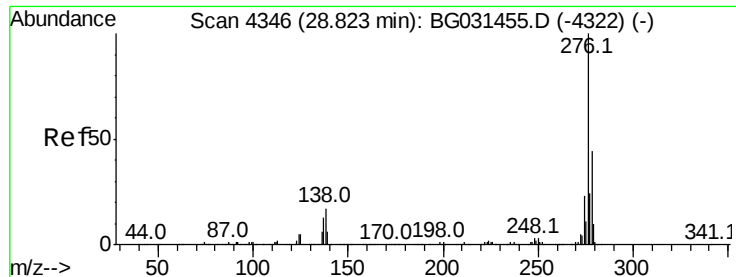
Sohil
 12/13/2017 12:03:29 PM



#84
 Di-n-octyl phthalate
 Concen: 55.483 ng
 RT: 22.82 min Scan# 3325
 Delta R.T. -0.01 min
 Lab File: BG031497.D
 Acq: 12 Dec 2017 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.8	1.4	2.0	
43	9.1	8.9	13.3	





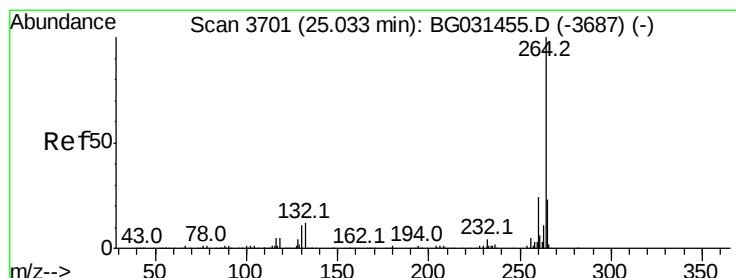
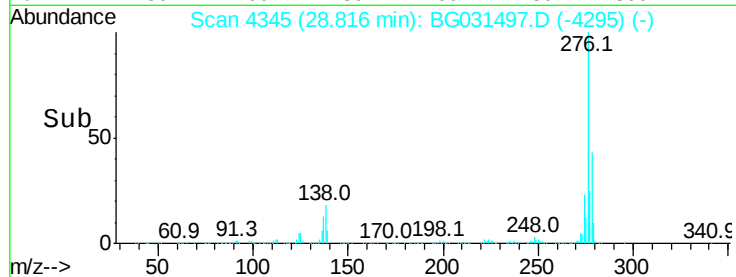
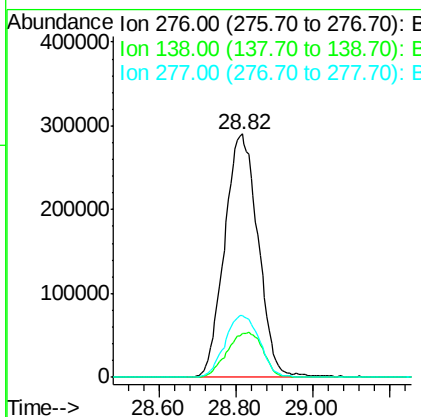
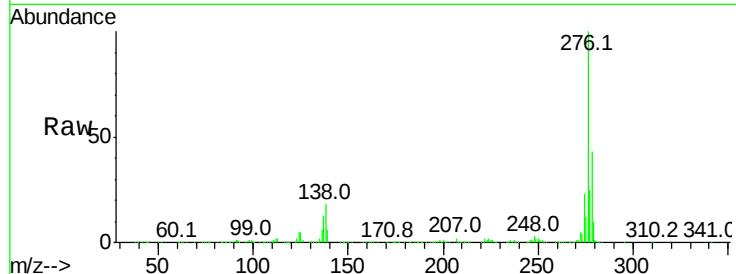
#85
Indeno(1,2,3-cd)pyrene
Concen: 56.337 ng
RT: 28.82 min Scan# 4345
Delta R.T. -0.01 min
Lab File: BG031497.D
Acq: 12 Dec 2017 18:17

Instrument :
BNA_G
ClientSampleId :
PB104933BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	0.0	16.0	24.0#
277	26.2	20.0	30.0

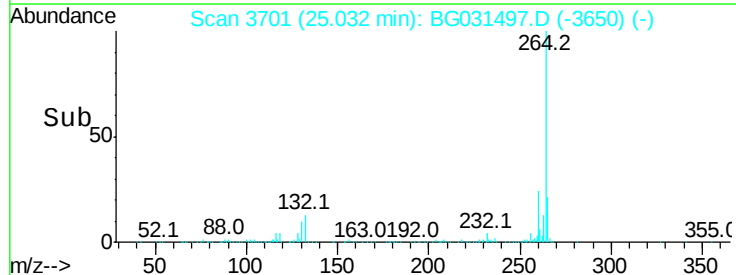
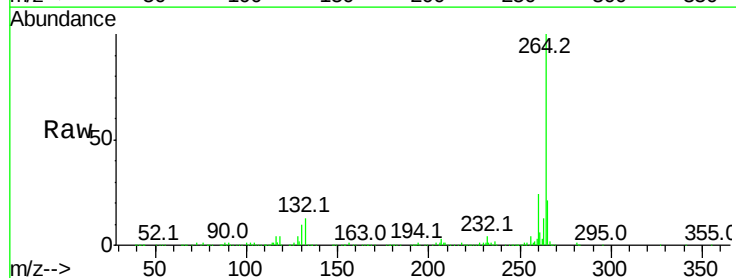
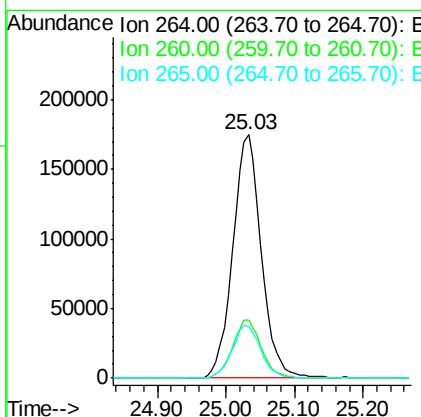
Manual Integrations
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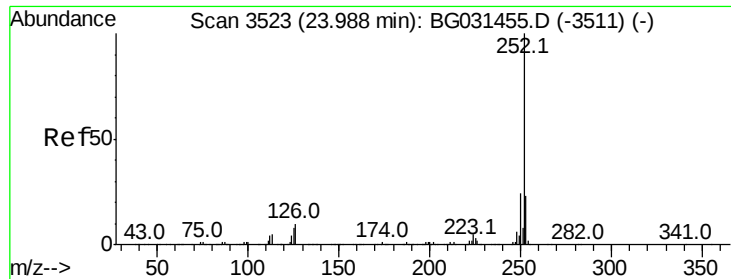
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 25.03 min Scan# 3701
Delta R.T. -0.00 min
Lab File: BG031497.D
Acq: 12 Dec 2017 18:17

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	17.4	26.0
265	20.9	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 52.760 ng

RT: 23.99 min Scan# 3523

Delta R.T. -0.00 min

Lab File: BG031497.D

Acq: 12 Dec 2017 18:17

Instrument :

BNA_G

ClientSampleId :

PB104933BS

Tot Ion:252 Resp: 1584908

Ion Ratio Lower Upper

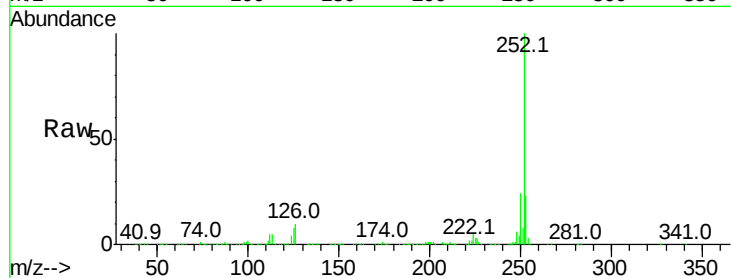
252 100

253 22.9 18.2 27.4

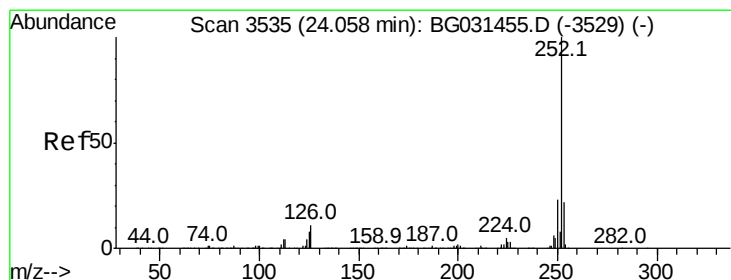
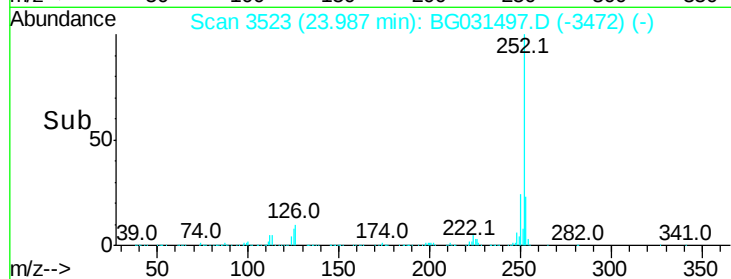
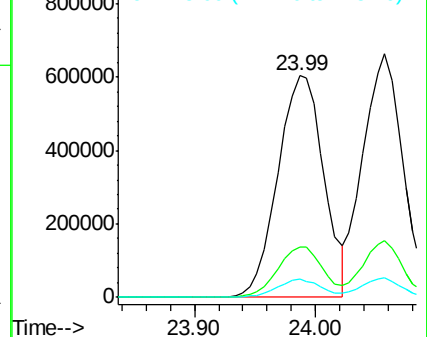
125 8.2 7.2 10.8

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



#88

Benzo(k)fluoranthene

Concen: 50.231 ng

RT: 24.06 min Scan# 3535

Delta R.T. -0.00 min

Lab File: BG031497.D

Acq: 12 Dec 2017 18:17

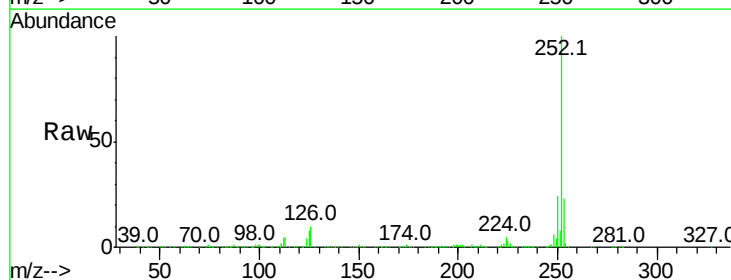
Tgt Ion:252 Resp: 1539882

Ion Ratio Lower Upper

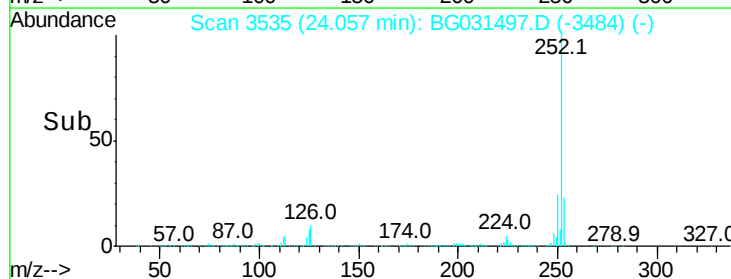
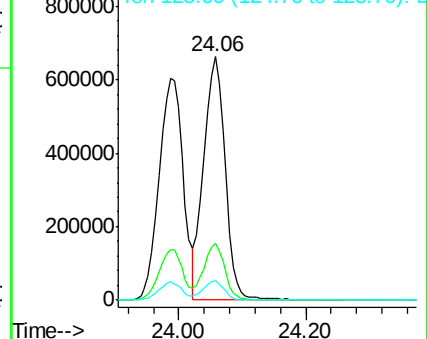
252 100

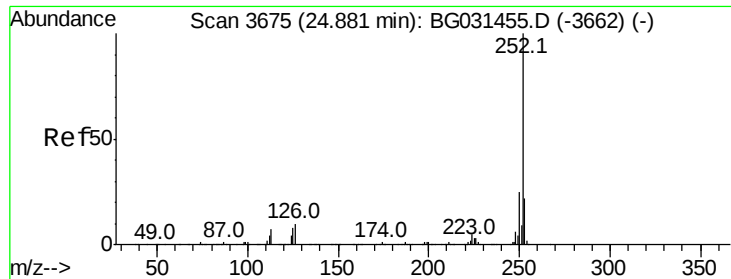
253 23.2 17.4 26.2

125 8.0 6.6 9.8



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





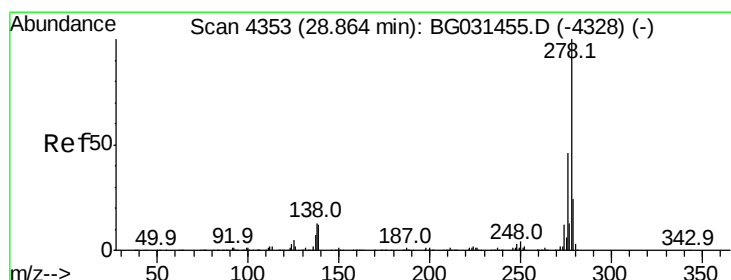
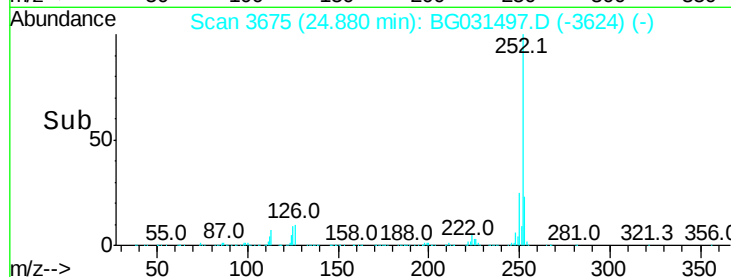
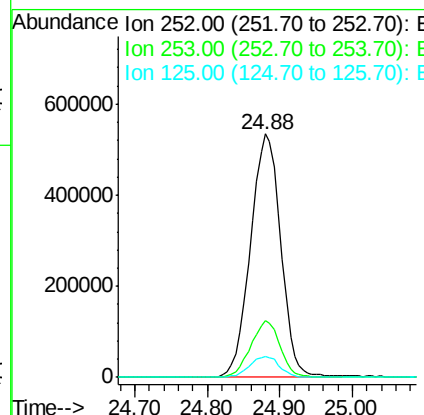
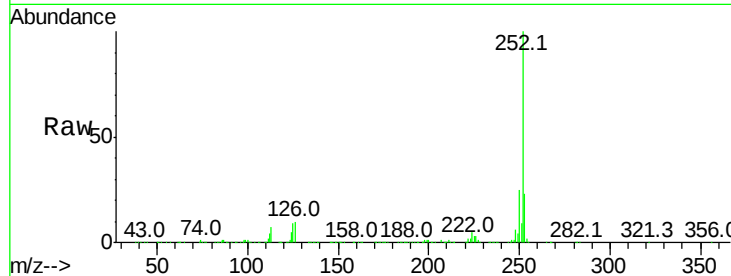
#89
Benzo(a)pyrene
Concen: 54.364 ng
RT: 24.88 min Scan# 3675
Delta R.T. -0.00 min
Lab File: BG031497.D
Acq: 12 Dec 2017 18:17

Instrument :
BNA_G
ClientSampleId :
PB104933BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.3	27.5
125	8.5	7.3	10.9

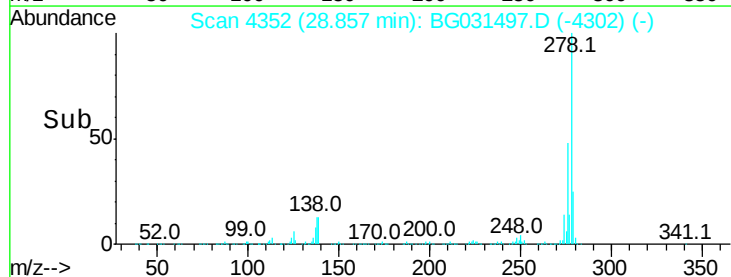
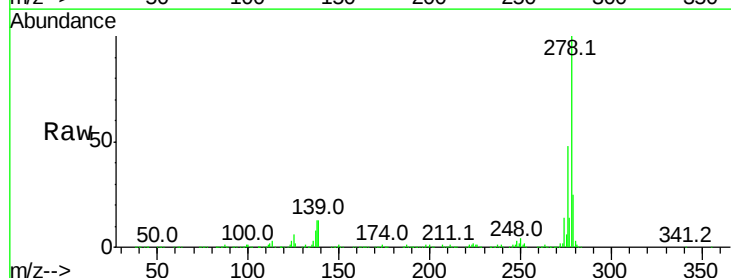
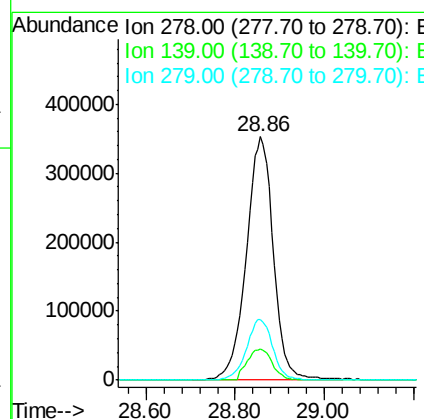
Manual Integrations
APPROVED

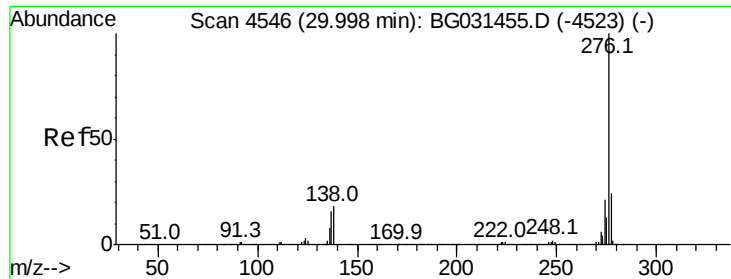
Sohil
12/13/2017 12:03:29 PM



#90
Dibenzo(a,h)anthracene
Concen: 53.627 ng
RT: 28.86 min Scan# 4352
Delta R.T. -0.01 min
Lab File: BG031497.D
Acq: 12 Dec 2017 18:17

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.5	9.8	14.6
279	25.1	18.4	27.6





#91
 Benzo(a,h,i)perylene
 Concen: 54.890 ng
 RT: 29.99 min Scan# 4544
 Delta R.T. -0.01 min
 Lab File: BG031497.D
 Acq: 12 Dec 2017 18:17

Instrument :
 BNA_G
 ClientSampleId :
 PB104933BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.3	27.5
138	16.6	13.9	20.9

Manual Integrations
 APPROVED

Sohil
 12/13/2017 12:03:29 PM

