

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031618\
 Data File : BG033228.D
 Acq On : 17 Mar 2018 11:15
 Operator : SJ/JU
 Sample : PB107416BS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB107416BS

Manual Integrations
 APPROVED

Sohil
 3/19/2018 2:21:33 PM

Quant Time: Mar 19 12:53:40 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 14 13:59:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	34661	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	141012	20.00	ng	0.00
38) Acenaphthene-d10	15.51	164	112620	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	309941	20.00	ng	0.00
75) Chrysene-d12	22.60	240	322026	20.00	ng	0.00
86) Perylene-d12	26.40	264	347565	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.31	112	269415	124.35	ng	0.00
7) Phenol-d6	8.00	99	405056	134.13	ng	0.00
23) Nitrobenzene-d5	10.09	82	256463	121.41	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	225383	190.33	ng	0.00
44) 2-Fluorobiphenyl	14.14	172	632655	81.02	ng	0.00
78) Terphenyl-d14	20.76	244	1264088	88.19	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.94	88	29213	31.069	ng	# 82
3) Pyridine	4.41	79	81838	31.579	ng	95
4) n-Nitrosodimethylamine	4.31	42	44296	42.633	ng	# 85
6) Aniline	8.19	93	56307	13.775	ng	99
8) 2-Chlorophenol	8.44	128	88333	37.250	ng	95
9) Benzaldehyde	8.00	77	37437	21.510	ng	92
10) Phenol	8.03	94	129553	42.558	ng	89
11) bis(2-Chloroethyl)ether	8.27	93	85980	34.541	ng	97
12) 1,3-Dichlorobenzene	8.78	146	91348	32.889	ng	96
13) 1,4-Dichlorobenzene	8.93	146	87962	31.462	ng	94
14) 1,2-Dichlorobenzene	9.26	146	86902	32.437	ng	97
15) Benzyl Alcohol	9.13	79	95654	43.087	ng	91
16) 2,2'-oxybis(1-Chloropropan	9.41	45	144295	33.720	ng	90
17) 2-Methylphenol	9.33	107	82465m	36.737	ng	
18) Hexachloroethane	10.01	117	35585	37.383	ng	93
19) n-Nitroso-di-n-propylamine	9.70	70	78236	36.698	ng	96
20) 3+4-Methylphenols	9.67	107	116682	37.384	ng	89
22) Acetophenone	9.74	105	141712	39.793	ng	# 98
24) Nitrobenzene	10.14	77	124205	54.271	ng	98
25) Isophorone	10.66	82	230908	46.653	ng	100
26) 2-Nitrophenol	10.87	139	52392	60.370	ng	# 85
27) 2,4-Dimethylphenol	10.90	122	88770	41.287	ng	90
28) bis(2-Chloroethoxy)methane	11.14	93	124936	43.330	ng	96
29) 2,4-Dichlorophenol	11.41	162	101172	51.845	ng	97
30) 1,2,4-Trichlorobenzene	11.63	180	103000	45.028	ng	97
31) Naphthalene	11.83	128	271773	36.884	ng	99
32) Benzoic acid	11.01	122	68302m	50.024	ng	
33) 4-Chloroaniline	11.93	127	50323	15.274	ng	# 91
34) Hexachlorobutadiene	12.09	225	71560	55.772	ng	93
35) Caprolactam	12.67	113	37330	47.775	ng	98
36) 4-Chloro-3-methylphenol	12.99	107	135922	59.854	ng	94
37) 2-Methylnaphthalene	13.38	142	212355	39.835	ng	93
39) 1,2,4,5-Tetrachlorobenzene	13.74	216	140451	42.011	ng	98
40) Hexachlorocyclopentadiene	13.71	237	174084	102.174	ng	95

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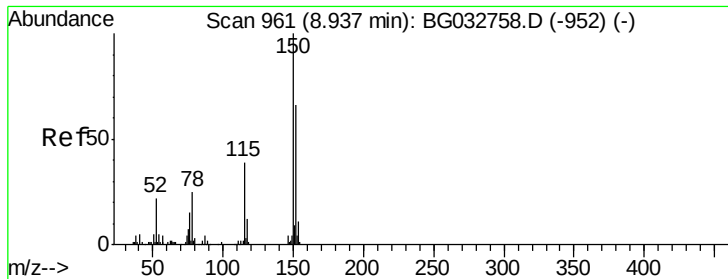
Manual Integrations
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 3/19/2018 2:21:33 PM

Quant Time: Mar 19 12:53:40 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 14 13:59:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.96	196	100261	47.555	nq	97
43) 2,4,5-Trichlorophenol	14.04	196	108516	44.471	nq	97
45) 1,1'-Biphenyl	14.35	154	306873	31.182	nq	97
46) 2-Chloronaphthalene	14.41	162	239354	32.559	nq	100
47) 2-Nitroaniline	14.60	65	100860	53.090	nq	99
48) Acenaphthylene	15.25	152	401436	33.354	nq	98
49) Dimethylphthalate	14.94	163	366394	38.316	nq	99
50) 2,6-Dinitrotoluene	15.07	165	79180	49.651	nq	98
51) Acenaphthene	15.58	154	298104	39.770	nq	96
52) 3-Nitroaniline	15.41	138	43507	26.271	nq	# 93
53) 2,4-Dinitrophenol	15.61	184	83645	133.517	nq	# 78
54) Dibenzofuran	15.91	168	402707	37.731	nq	92
55) 4-Nitrophenol	15.69	139	120965	77.492	nq	# 85
56) 2,4-Dinitrotoluene	15.85	165	118982	60.062	nq	98
57) Fluorene	16.55	166	346156	39.295	nq	97
58) 2,3,4,6-Tetrachlorophenol	16.12	232	122738	64.786	nq	94
59) Diethylphthalate	16.28	149	368988	36.584	nq	97
60) 4-Chlorophenyl-phenylether	16.52	204	193453	44.892	nq	99
61) 4-Nitroaniline	16.56	138	68819	34.873	nq	86
62) Azobenzene	16.82	77	370389	41.050	nq	99
64) 4,6-Dinitro-2-methylphenol	16.61	198	66964	64.952	nq	88
65) n-Nitrosodiphenylamine	16.73	169	326024	32.335	nq	95
66) 4-Bromophenyl-phenylether	17.42	248	133467	40.725	nq	96
67) Hexachlorobenzene	17.54	284	135017	38.123	nq	94
68) Atrazine	17.66	200	134799	40.616	nq	98
69) Pentachlorophenol	17.88	266	192919	86.479	nq	98
70) Phenanthrene	18.29	178	603514	34.902	nq	99
71) Anthracene	18.38	178	616996	35.541	nq	98
72) Carbazole	18.63	167	540158	31.568	nq	# 97
73) Di-n-butylphthalate	19.13	149	624244	29.737	nq	# 98
74) Fluoranthene	20.24	202	774750	40.561	nq	98
76) Benzidine	20.40	184	184074	16.769	nq	100
77) Pyrene	20.60	202	782050	34.437	nq	98
79) Butylbenzylphthalate	21.46	149	291398	28.941	nq	94
80) Benzo(a)anthracene	22.58	228	774429	37.503	nq	100
81) 3,3'-Dichlorobenzidine	22.47	252	148002	19.352	nq	94
82) Chrysene	22.66	228	724146	36.710	nq	98
83) Bis(2-ethylhexyl)phthalate	22.40	149	391423	26.263	nq	97
84) Di-n-octyl phthalate	23.81	149	677360	29.817	nq	98
85) Indeno(1,2,3-cd)pyrene	30.82	276	858813	37.332	nq	# 87
87) Benzo(b)fluoranthene	25.18	252	749678	36.480	nq	# 96
88) Benzo(k)fluoranthene	25.26	252	754336	36.934	nq	# 97
89) Benzo(a)pyrene	26.22	252	738235	37.769	nq	# 96
90) Dibenzo(a,h)anthracene	30.90	278	713348	36.257	nq	# 95
91) Benzo(g,h,i)perylene	32.22	276	714247	36.827	nq	# 94

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



#1

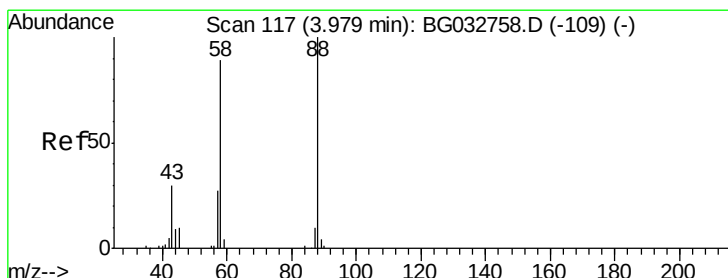
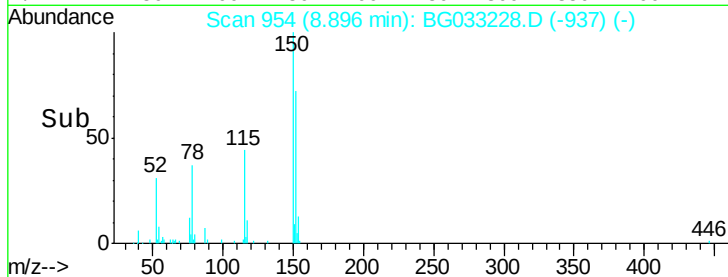
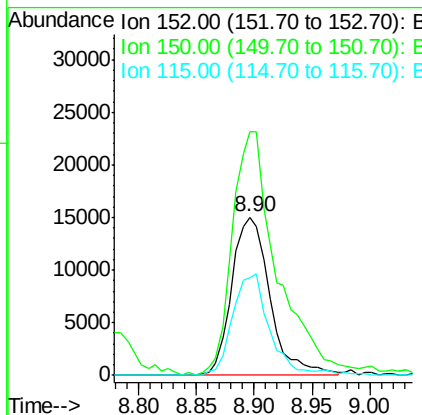
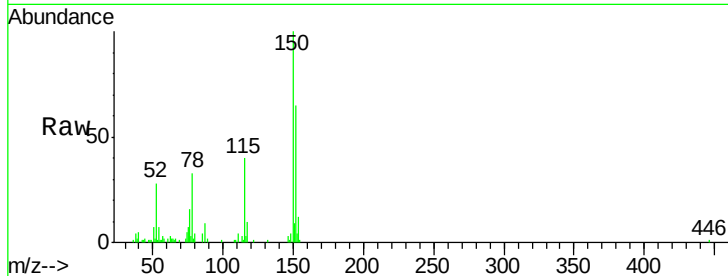
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.90 min Scan# 954
Delta R.T. -0.00 min
Lab File: BG033228.D
Acq: 17 Mar 2018 11:15

Instrument :
BNA_G
ClientSampleId :
PB107416BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.8	126.6	189.8
115	61.6	53.0	79.4

Manual Integrations
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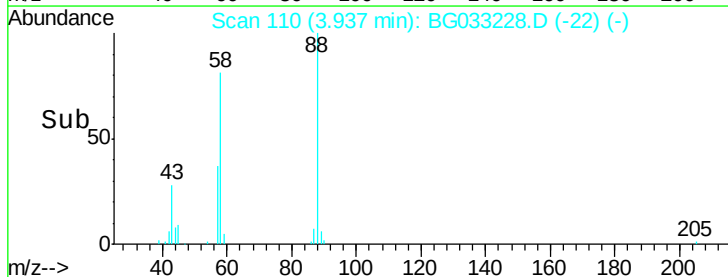
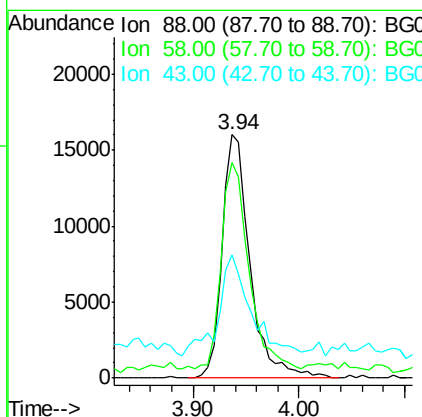
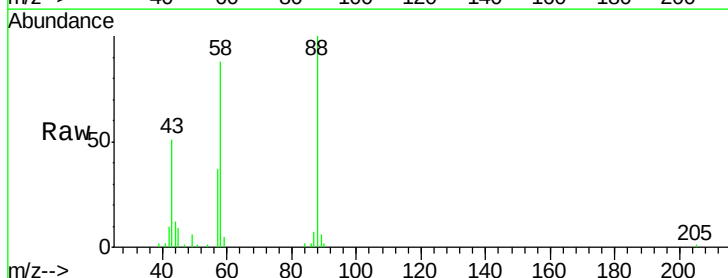
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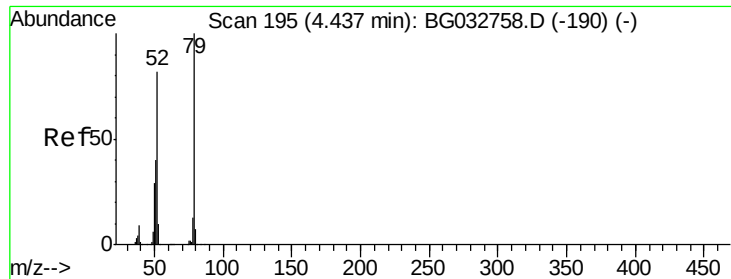


#2

1,4-Dioxane
Concen: 31.069 ng
RT: 3.94 min Scan# 110
Delta R.T. -0.01 min
Lab File: BG033228.D
Acq: 17 Mar 2018 11:15

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.3	79.6	119.4
43	48.2	27.4	41.0#





#3

Pvridine

Concen: 31.579 ng

RT: 4.41 min Scan# 190

Delta R.T. -0.01 min

Lab File: BG033228.D

Acq: 17 Mar 2018 11:15

Instrument :

BNA_G

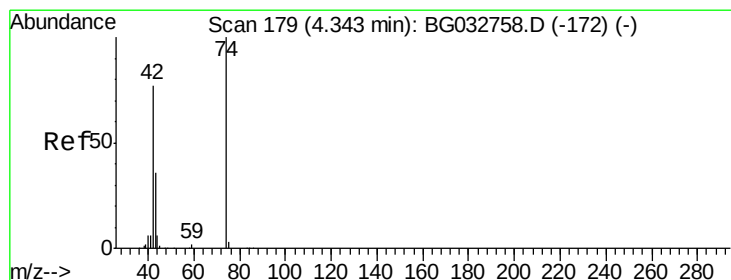
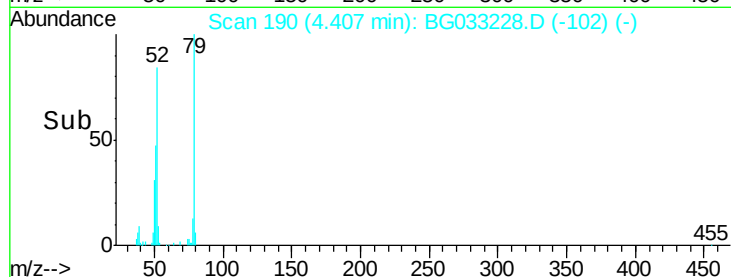
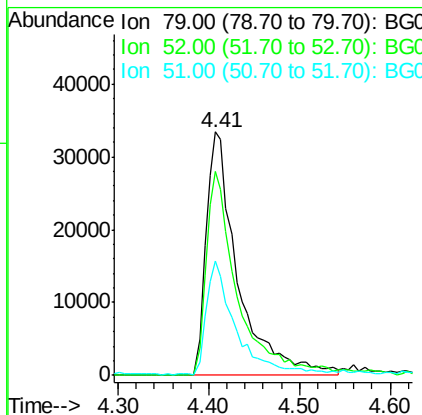
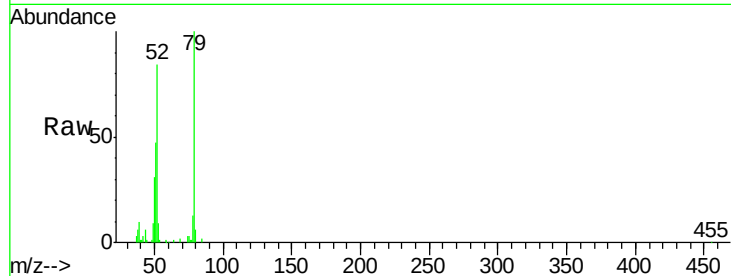
ClientSampleId :

PB107416BS

Tot Ion:	79	Resp:	81838
Ion	Ratio	Lower	Upper
79	100		
52	83.7	69.9	104.9
51	47.1	34.0	51.0

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 42.633 ng

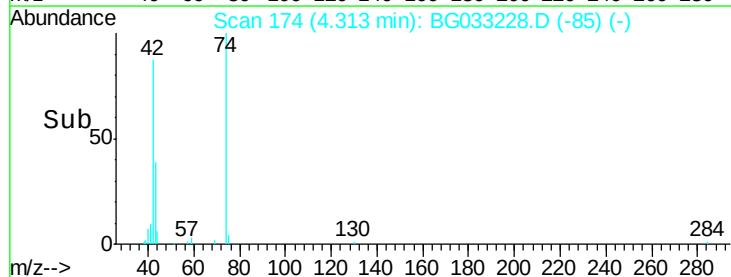
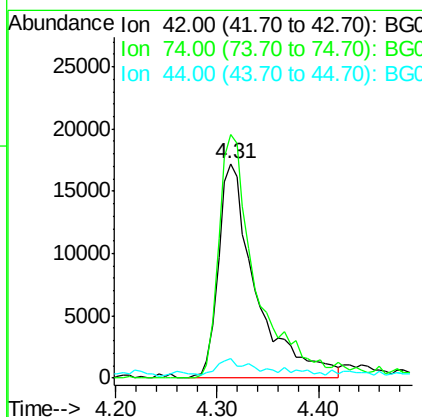
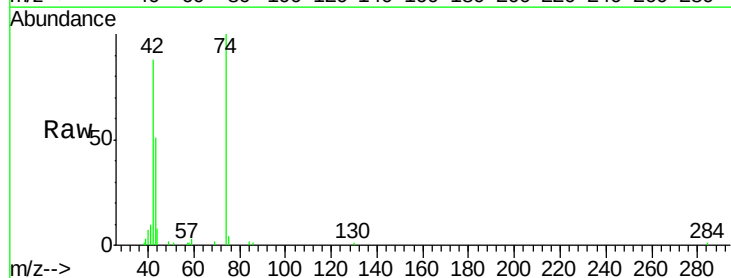
RT: 4.31 min Scan# 174

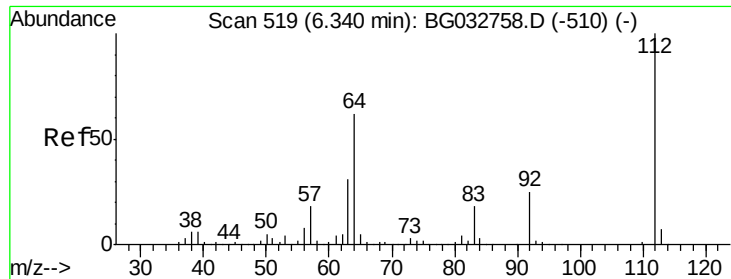
Delta R.T. -0.01 min

Lab File: BG033228.D

Acq: 17 Mar 2018 11:15

Tgt Ion:	42	Resp:	44296
Ion	Ratio	Lower	Upper
42	100		
74	113.5	102.5	153.7
44	9.3	18.9	28.3#





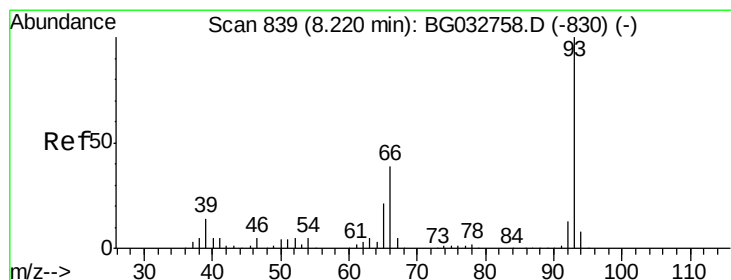
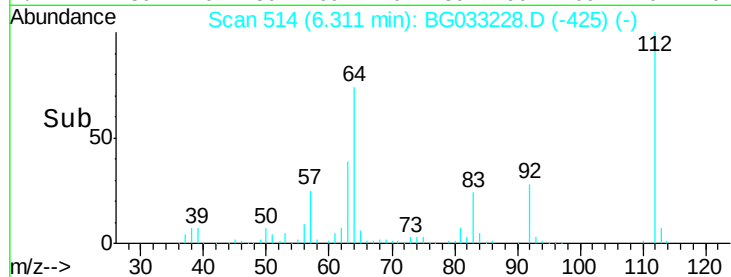
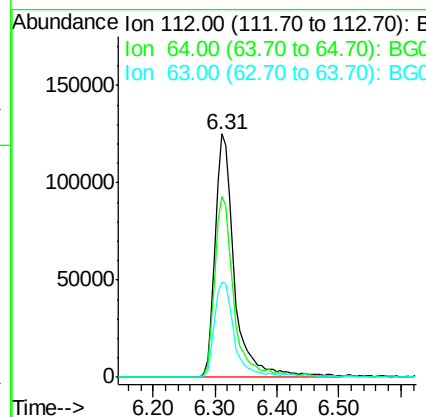
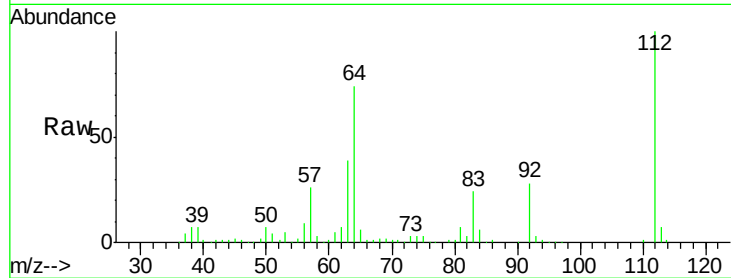
#5
2-Fluorophenol
Concen: 124.354 ng
RT: 6.31 min Scan# 514
Delta R.T. -0.01 min
Lab File: BG033228.D
Acq: 17 Mar 2018 11:15

Instrument :
BNA_G
ClientSampleId :
PB107416BS

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	74.1	56.3	84.5
63	39.1	30.1	45.1

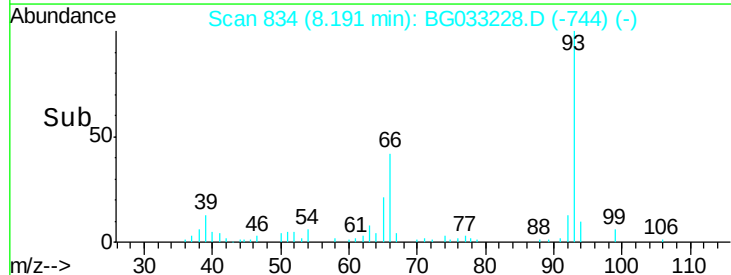
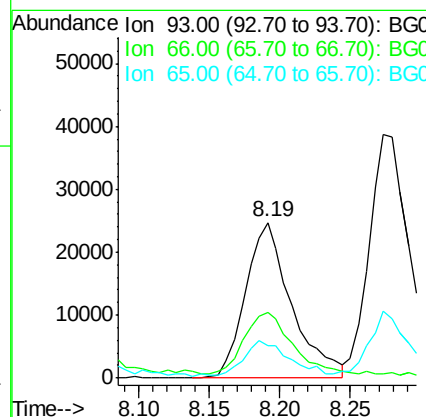
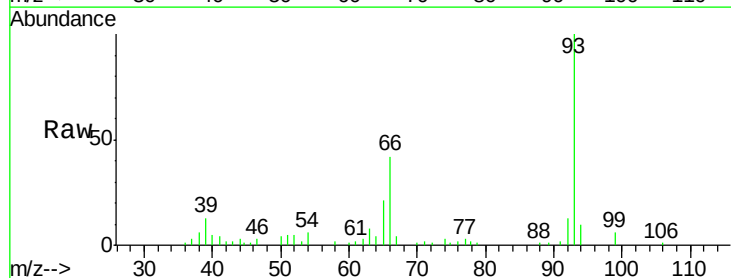
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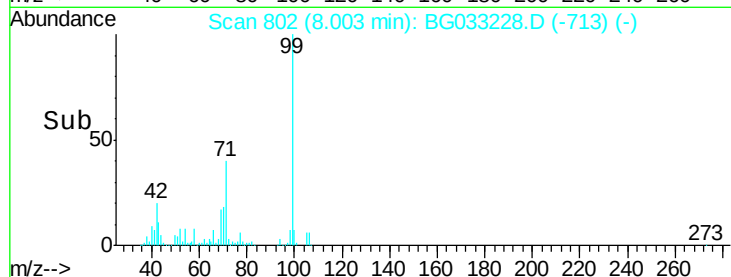
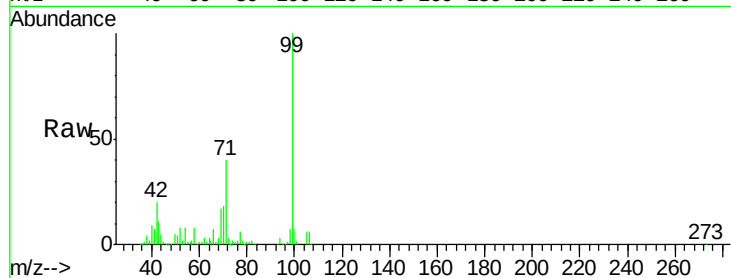
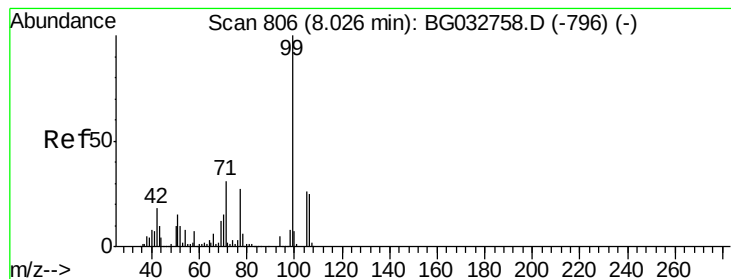
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#6
Aniline
Concen: 13.775 ng
RT: 8.19 min Scan# 834
Delta R.T. -0.00 min
Lab File: BG033228.D
Acq: 17 Mar 2018 11:15

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	42.1	33.7	50.5
65	21.0	16.1	24.1





#7

Phenol-d6

Concen: 134.133 ng

RT: 8.00 min Scan# 802

Delta R.T. -0.01 min

Lab File: BG033228.D

Acq: 17 Mar 2018 11:15

Tot Ion:	99	Resp:	405056
Ion Ratio	Lower	Upper	
99	100		
42	20.2	14.1	21.1
71	39.5	26.1	39.1#

Instrument :

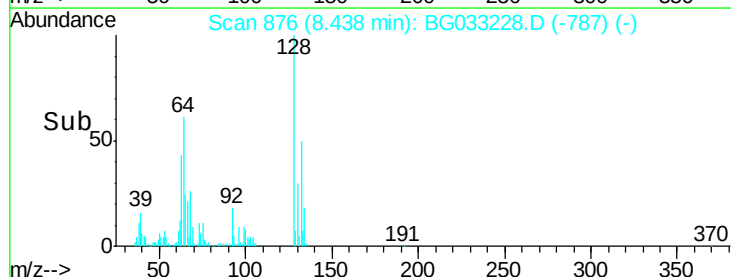
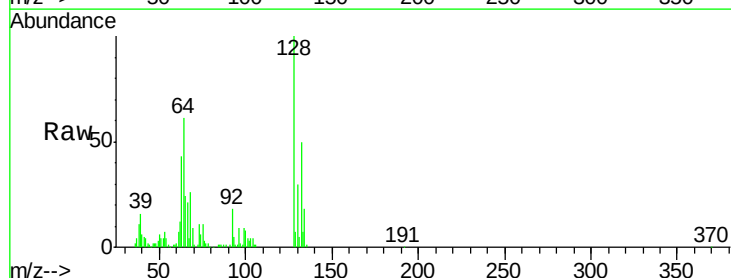
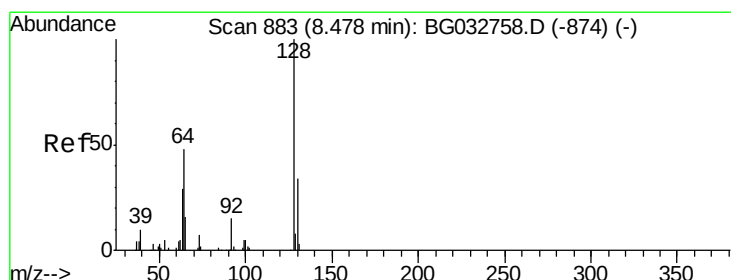
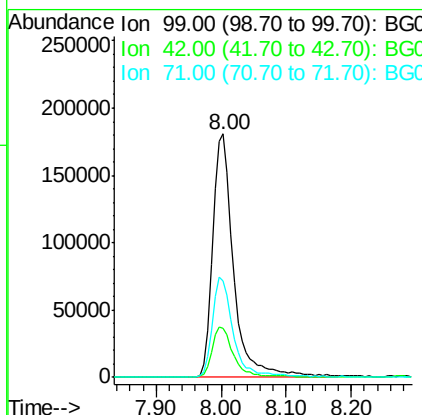
BNA_G

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#8

2-Chlorophenol

Concen: 37.250 ng

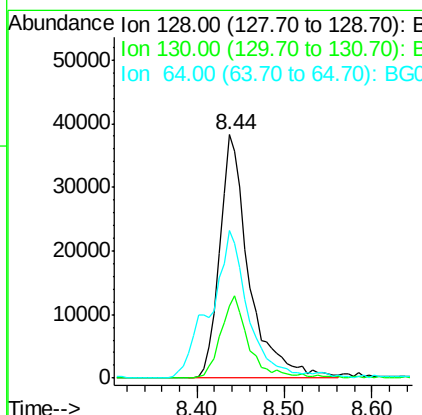
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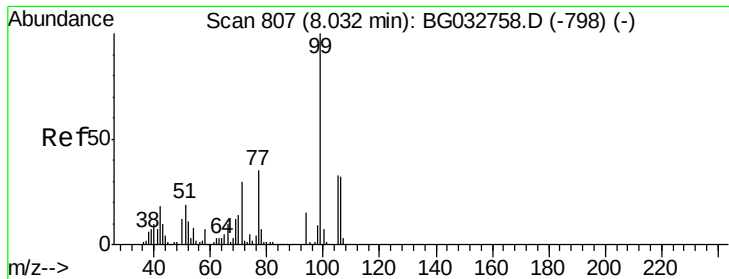
Delta R.T. -0.01 min

Lab File: BG033228.D

Acq: 17 Mar 2018 11:15

Tgt Ion:	128	Resp:	88333
Ion Ratio	Lower	Upper	
128	100		
130	29.7	14.0	54.0
64	60.7	37.7	77.7





#9

Benzaldehyde

Concen: 21.510 ng

RT: 8.00 min Scan# 801

Delta R.T. -0.00 min

Lab File: BG033228.D

Acq: 17 Mar 2018 11:15

Instrument :

BNA_G

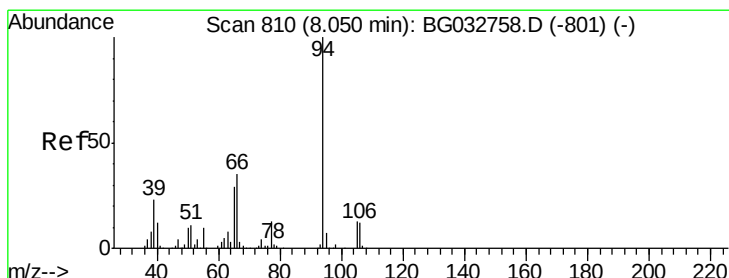
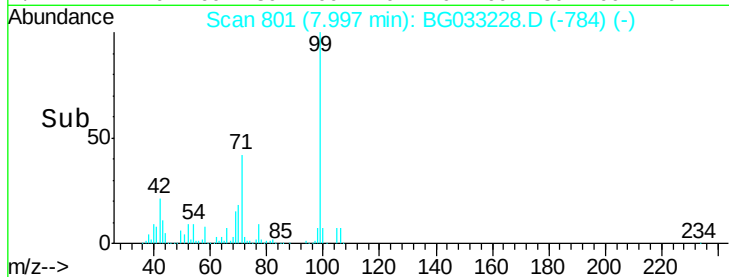
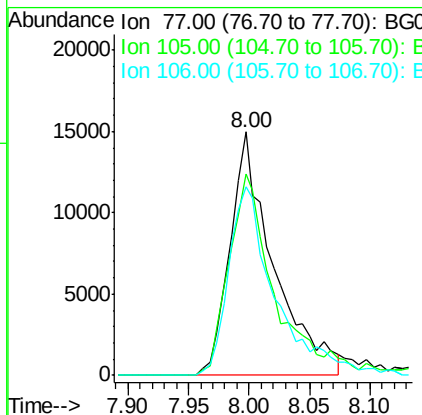
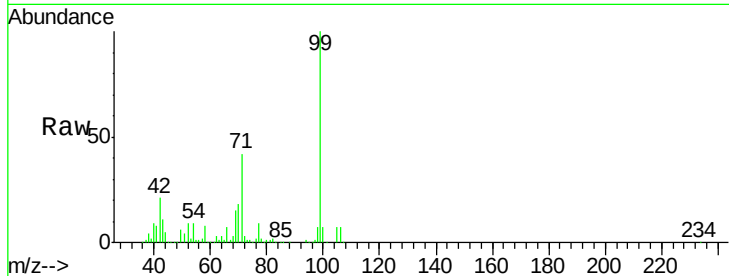
ClientSampleId :

PB107416BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	82.9	71.3	111.3
106	77.5	64.2	104.2

Manual Integrations
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#10

Phenol

Concen: 42.558 ng

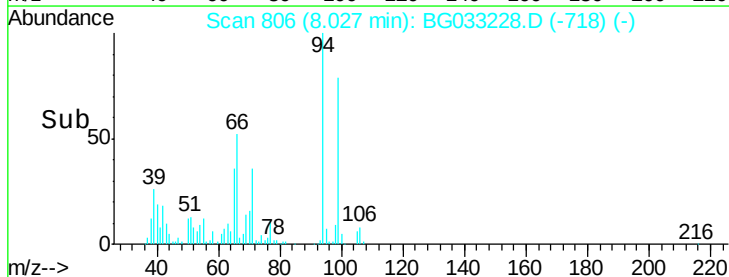
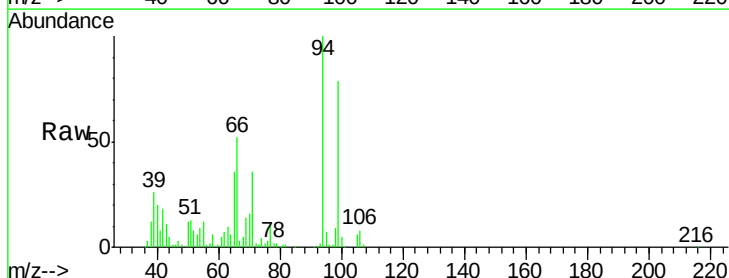
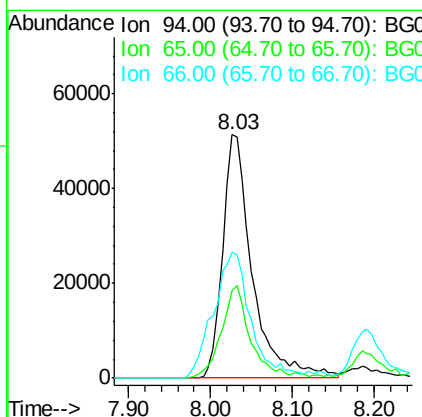
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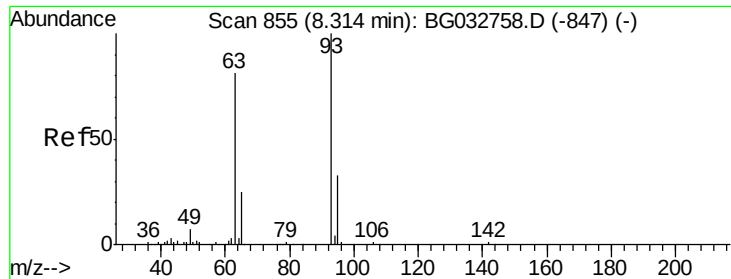
Delta R.T. -0.01 min

Lab File: BG033228.D

Acq: 17 Mar 2018 11:15

Tgt Ion	Ratio	Lower	Upper
94	100		
65	35.7	11.9	51.9
66	51.5	22.2	62.2





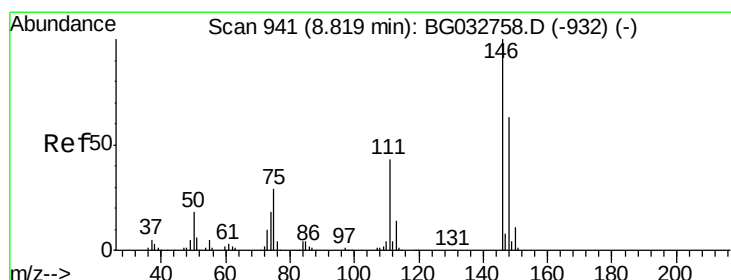
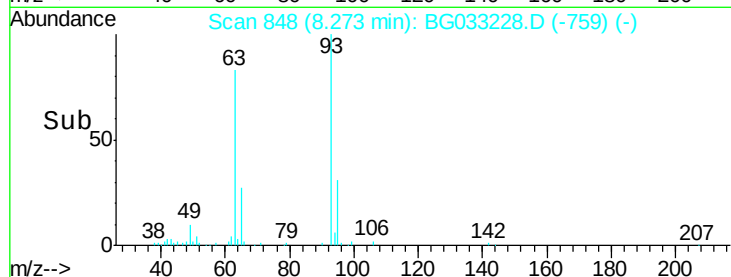
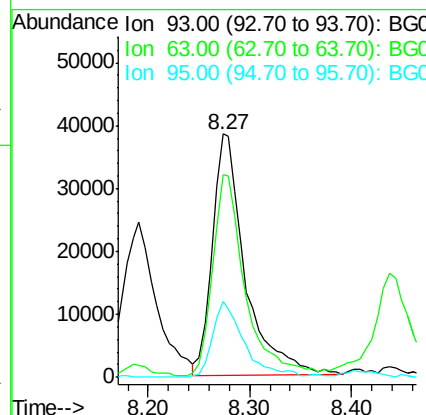
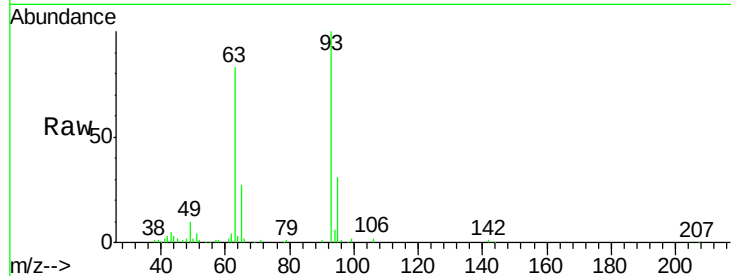
#11
bis(2-Chloroethyl)ether
Concen: 34.541 ng
RT: 8.27 min Scan# 848
Delta R.T. -0.01 min
Lab File: BG033228.D
Acq: 17 Mar 2018 11:15

Instrument :
BNA_G
ClientSampleId :
PB107416BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	83.2	67.1	107.1
95	31.4	11.5	51.5

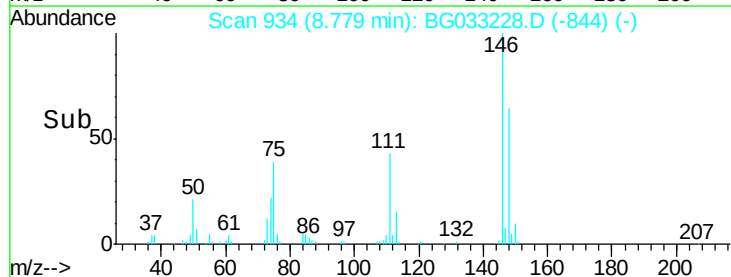
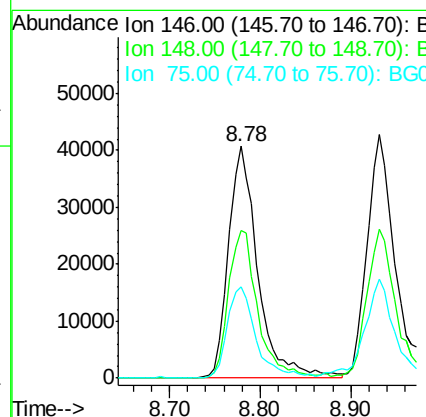
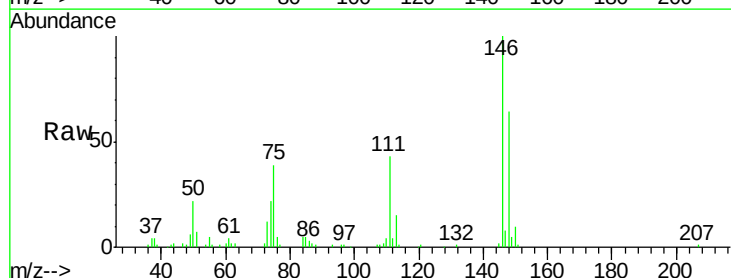
Manual Integrations
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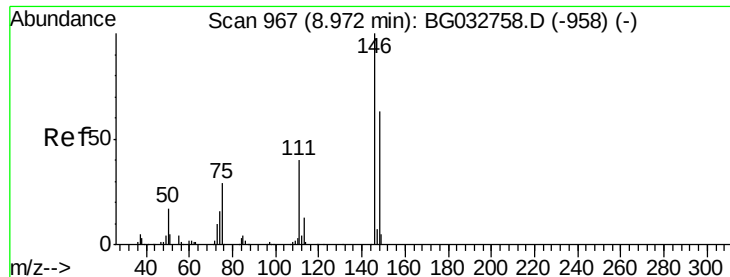
Sohil
3/19/2018 2:21:33 PM



#12
1,3-Dichlorobenzene
Concen: 32.889 ng
RT: 8.78 min Scan# 934
Delta R.T. -0.00 min
Lab File: BG033228.D
Acq: 17 Mar 2018 11:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.4	77.2
75	39.3	26.6	39.8





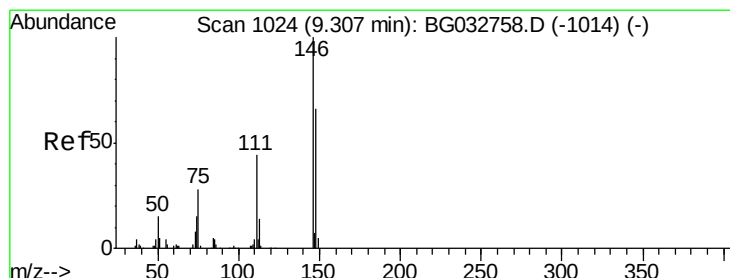
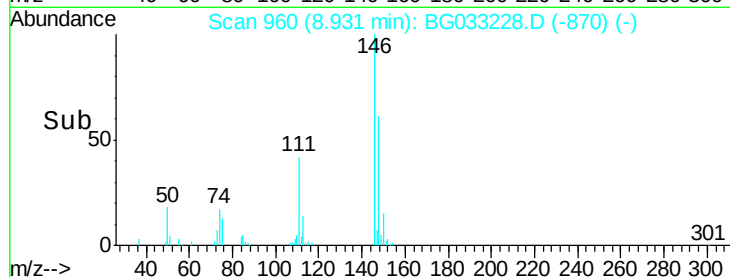
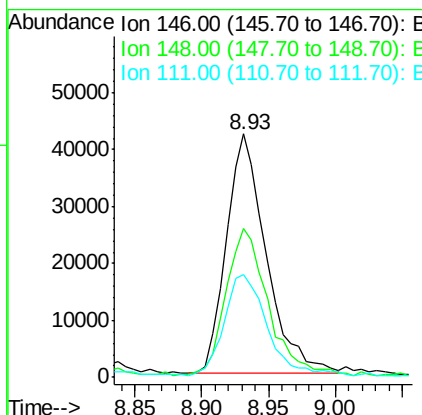
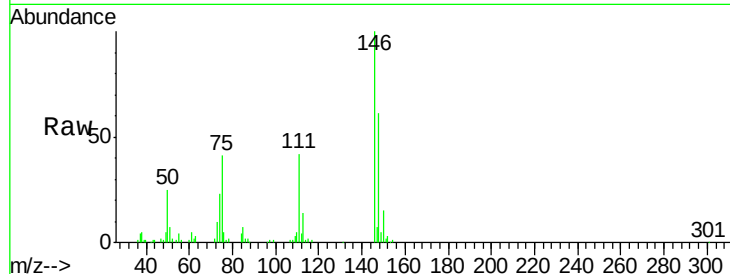
#13
1,4-Dichlorobenzene
Concen: 31.462 ng
RT: 8.93 min Scan# 960
Delta R.T. -0.00 min
Lab File: BG033228.D
Acq: 17 Mar 2018 11:15

Instrument :
BNA_G
ClientSampleId :
PB107416BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.1	53.7	80.5
111	42.1	35.2	52.8

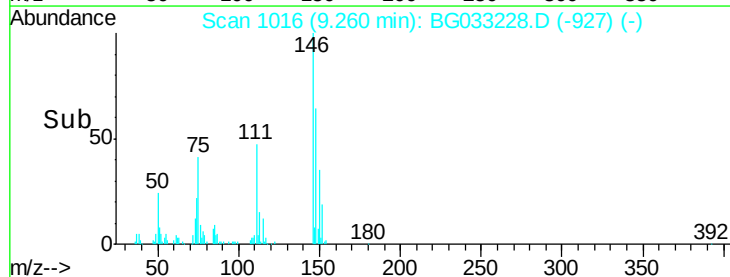
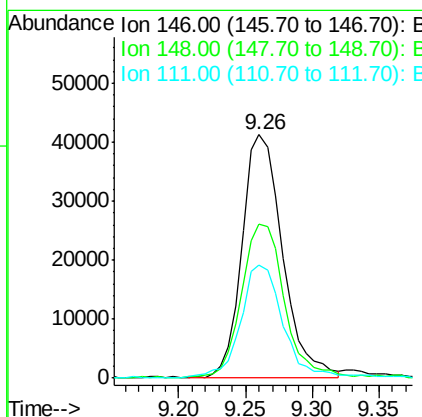
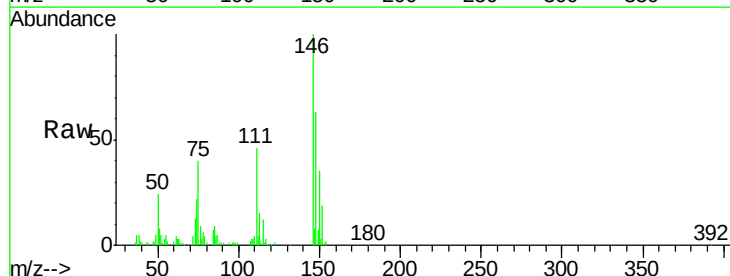
Manual Integrations
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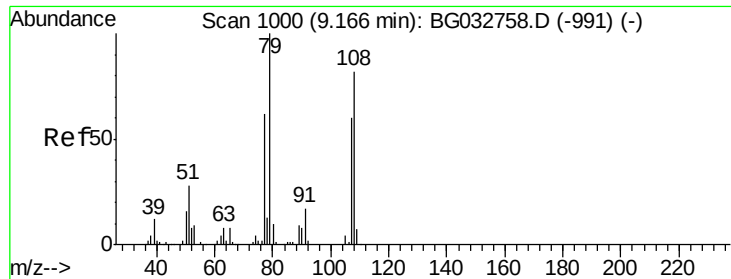
Sohil
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#14
1,2-Dichlorobenzene
Concen: 32.437 ng
RT: 9.26 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BG033228.D
Acq: 17 Mar 2018 11:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	49.3	73.9
111	46.3	34.3	51.5





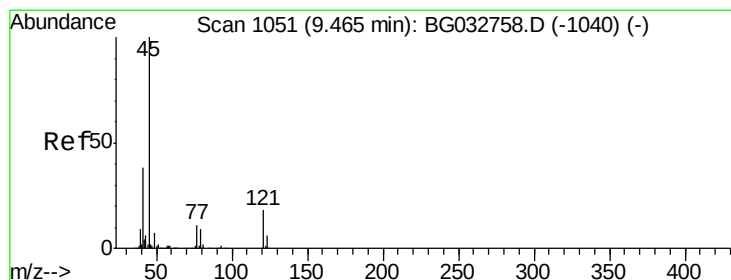
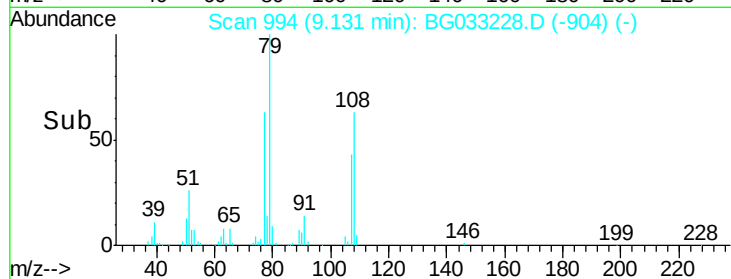
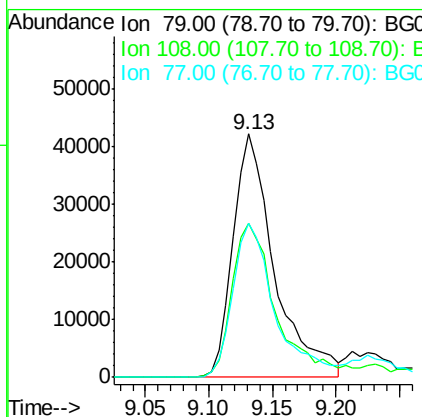
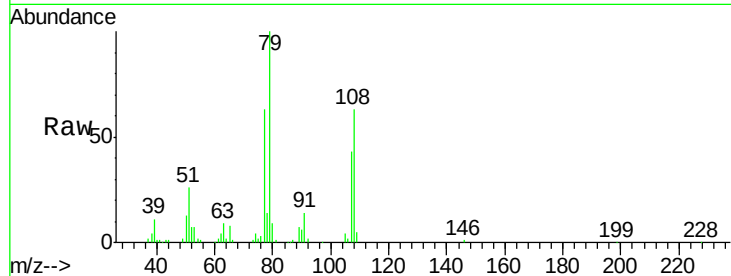
#15
Benzyl Alcohol
Concen: 43.087 ng
RT: 9.13 min Scan# 994
Delta R.T. -0.00 min
Lab File: BG033228.D
Acq: 17 Mar 2018 11:15

Instrument :
BNA_G
ClientSampled :
PB107416BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	63.5	57.2	85.8
77	63.1	46.1	69.1

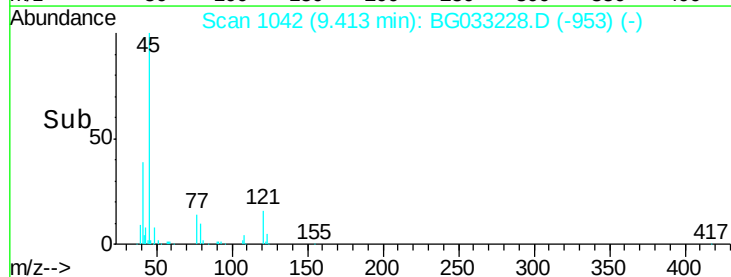
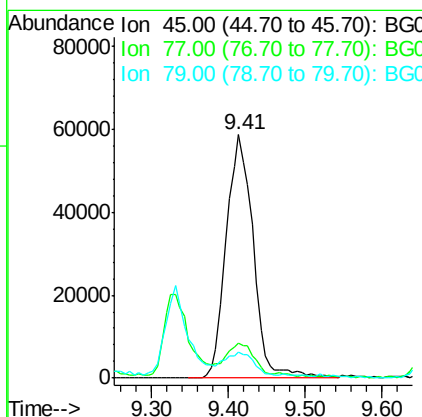
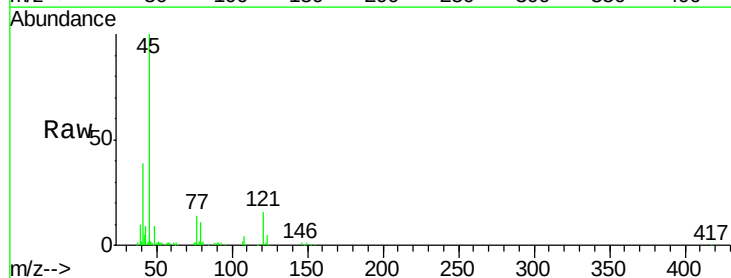
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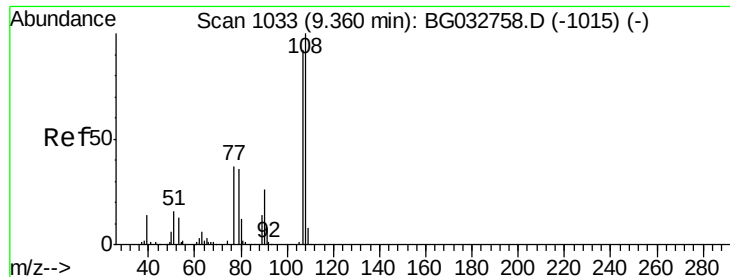
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.720 ng
RT: 9.41 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BG033228.D
Acq: 17 Mar 2018 11:15

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.2	0.0	30.2
79	10.9	0.0	27.9





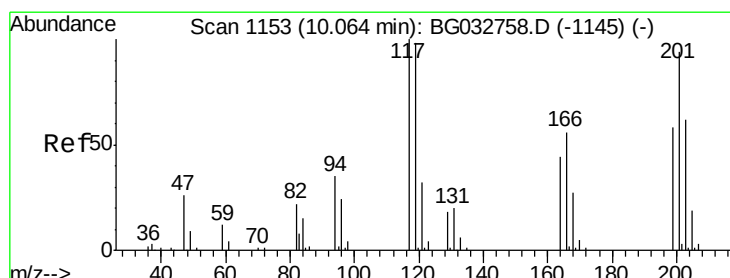
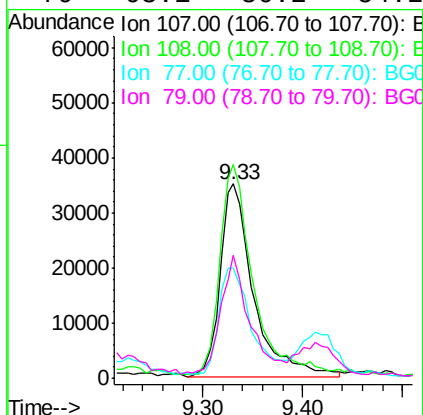
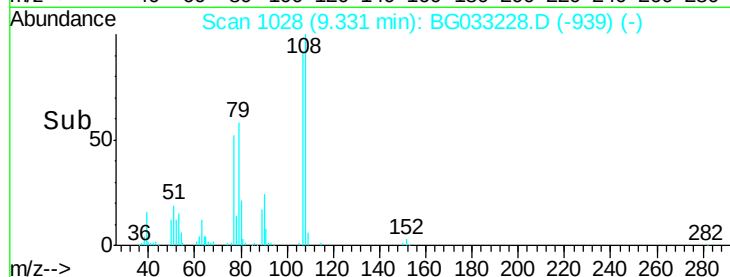
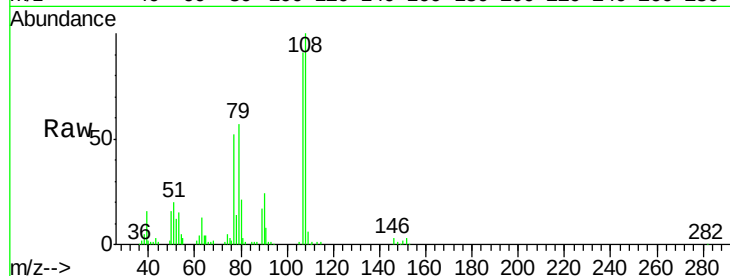
#17
2-Methylphenol
Concen: 36.737 ng/ml
RT: 9.33 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG033228.D
Acq: 17 Mar 2018 11:15

Instrument :
BNA_G
ClientSampleId :
PB107416BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	109.8	83.9	125.9
77	56.9	37.2	55.8
79	63.1	36.2	54.2

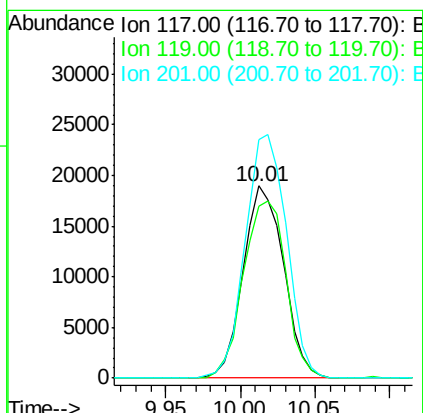
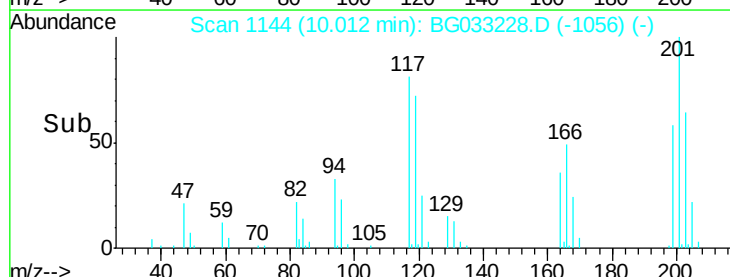
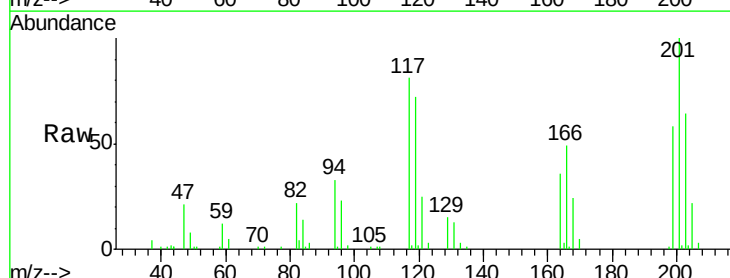
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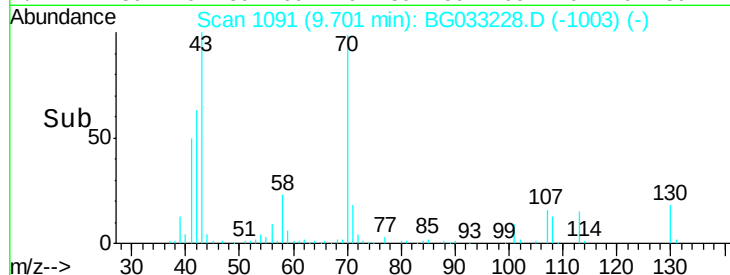
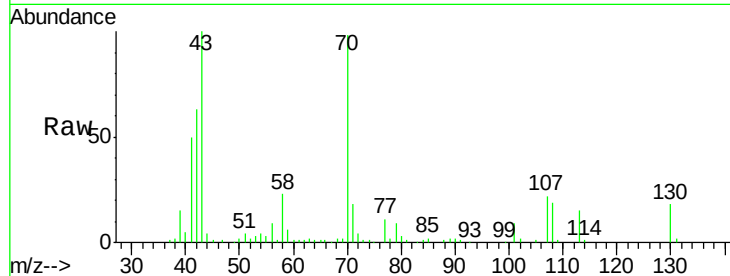
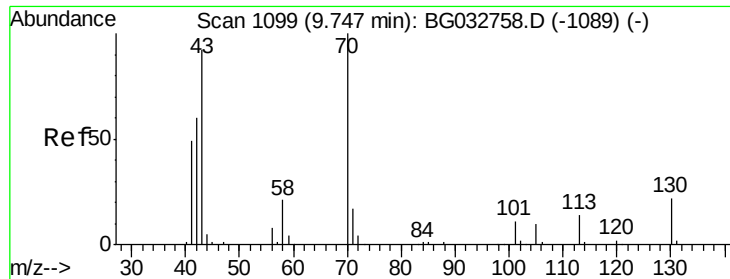
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#18
Hexachloroethane
Concen: 37.383 ng
RT: 10.01 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BG033228.D
Acq: 17 Mar 2018 11:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	89.3	76.7	115.1
201	127.0	95.7	143.5





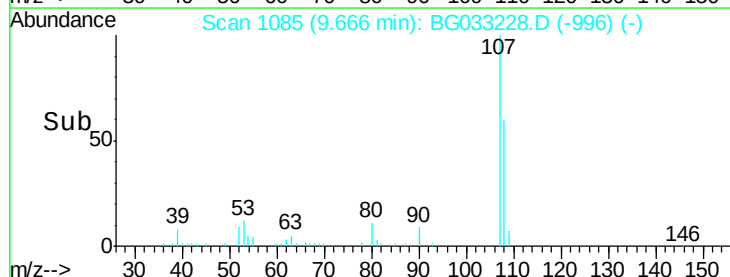
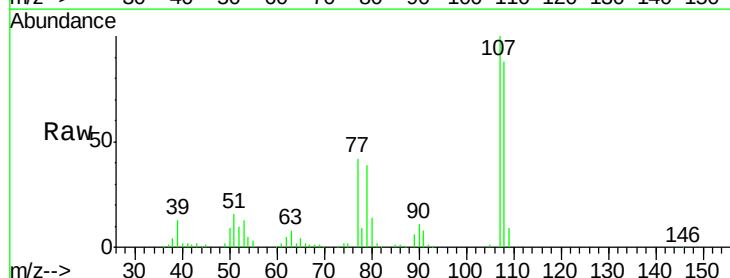
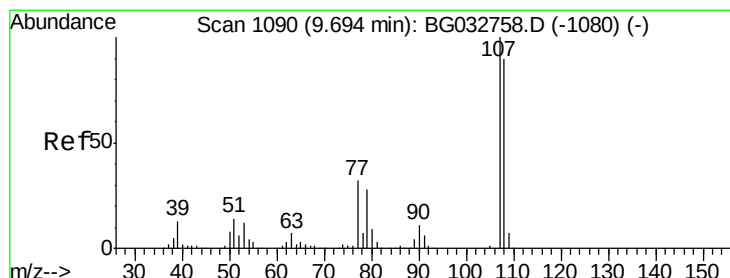
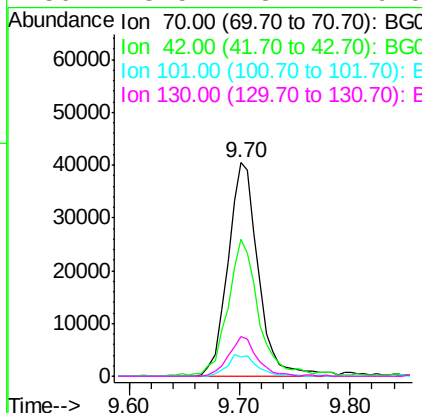
#19
n-Nitroso-di-n-propylamine
Concen: 36.698 ng
RT: 9.70 min Scan# 1091
Delta R.T. -0.01 min
Lab File: BG033228.D
Acq: 17 Mar 2018 11:15

Tot Ion	Ratio	Lower	Upper
70	100		
42	64.0	49.1	73.7
101	9.2	8.5	12.7
130	18.5	13.4	20.0

Instrument :
BNA_G
ClientSampleId :
PB107416BS

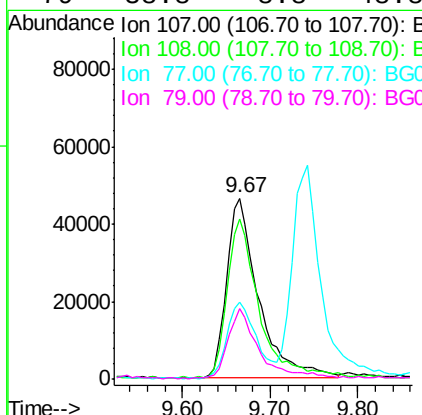
Manual Integrations
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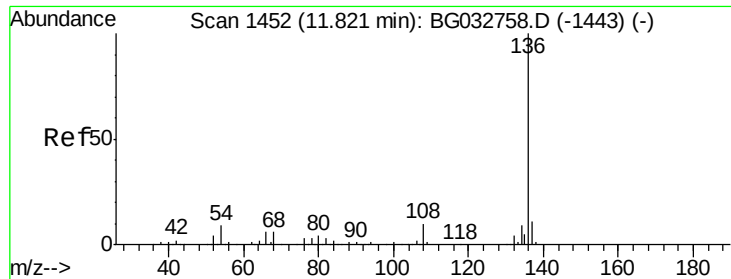
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#20
3+4-Methylphenols
Concen: 37.384 ng
RT: 9.67 min Scan# 1085
Delta R.T. -0.01 min
Lab File: BG033228.D
Acq: 17 Mar 2018 11:15

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.3	61.6	101.6
77	42.2	13.9	53.9
79	38.8	8.8	48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.78 min Scan# 1445

Delta R.T. -0.01 min

Lab File: BG033228.D

Acq: 17 Mar 2018 11:15

Instrument :

BNA_G

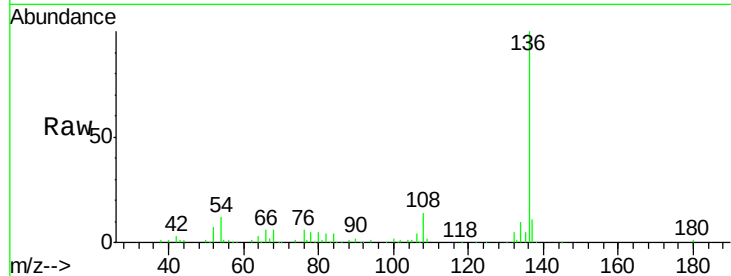
ClientSampleId :

PB107416BS

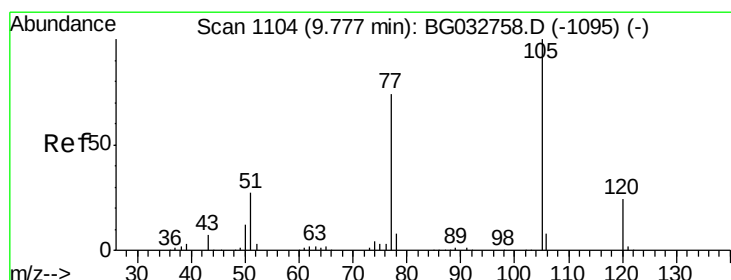
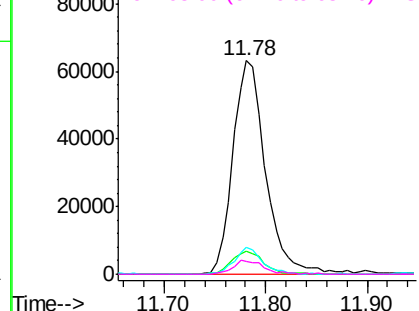
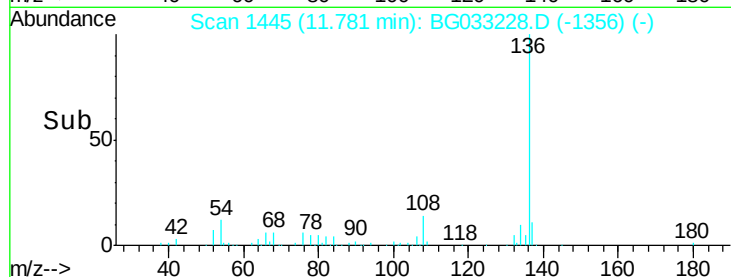
Tot Ion	Ratio	Resp	Lower	Upper
136	100	141012		
137	10.9		9.2	13.8
54	12.3		10.3	15.5
68	5.7		4.5	6.7

Manual Integrations
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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): BG
Ion 68.00 (67.70 to 68.70): BG



#22

Acetophenone

Concen: 39.793 ng

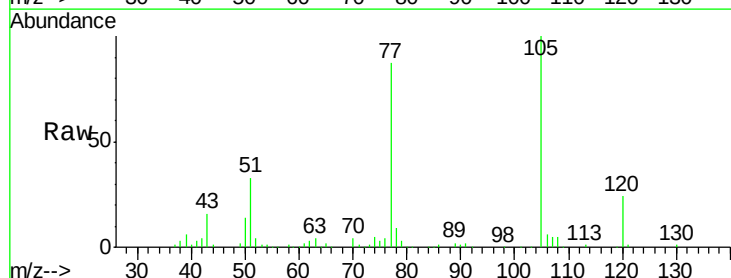
RT: 9.74 min Scan# 1097

Delta R.T. -0.01 min

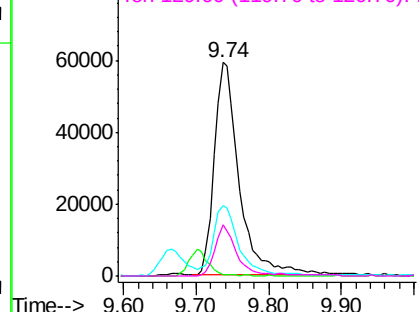
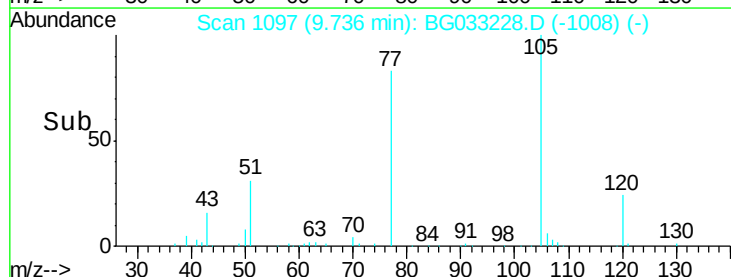
Lab File: BG033228.D

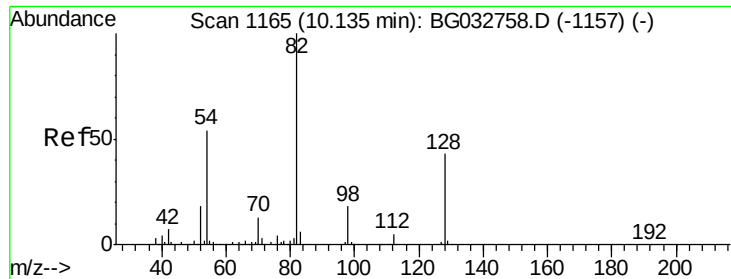
Acq: 17 Mar 2018 11:15

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	141712		
71	0.5		3.0	4.4#
51	33.0		26.1	39.1
120	23.7		17.4	26.2



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





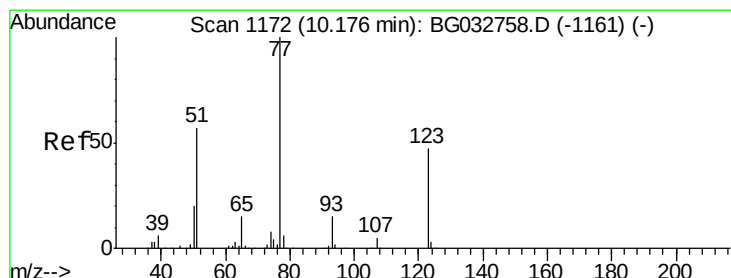
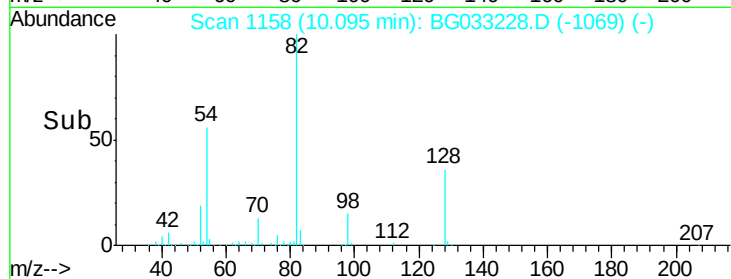
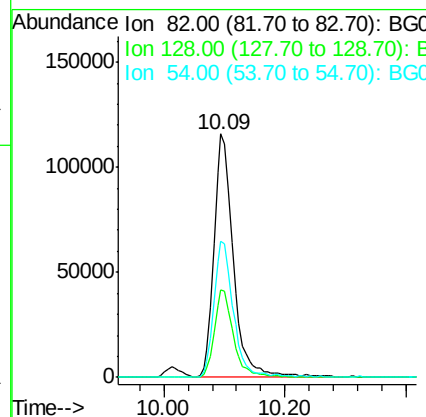
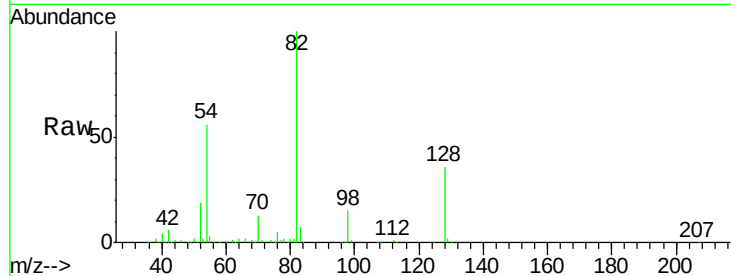
#23
 Nitrobenzene-d5
 Concen: 121.405 ng
 RT: 10.09 min Scan# 1158
 Delta R.T. -0.01 min
 Lab File: BG033228.D
 Acq: 17 Mar 2018 11:15

Instrument :
 BNA_G
 ClientSampleId :
 PB107416BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	36.2	29.7	44.5
54	55.8	43.1	64.7

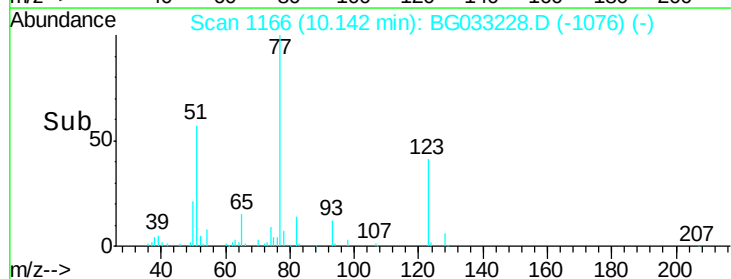
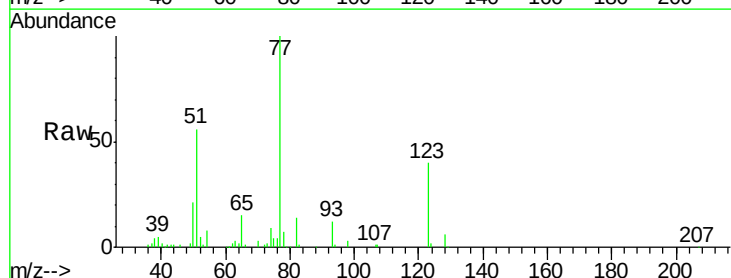
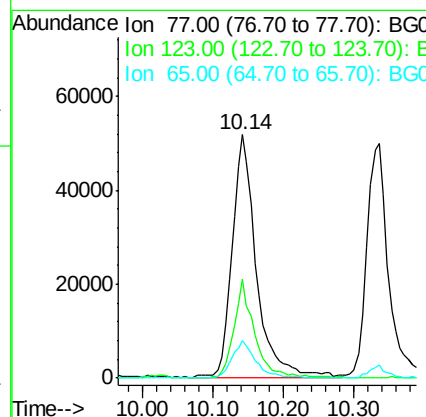
Manual Integrations
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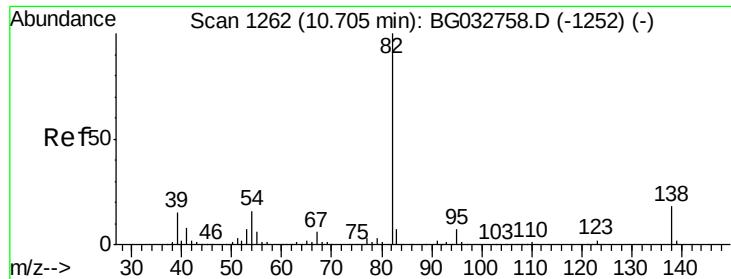
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#24
 Nitrobenzene
 Concen: 54.271 ng
 RT: 10.14 min Scan# 1166
 Delta R.T. -0.00 min
 Lab File: BG033228.D
 Acq: 17 Mar 2018 11:15

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.4	33.0	49.6
65	15.3	13.0	19.6





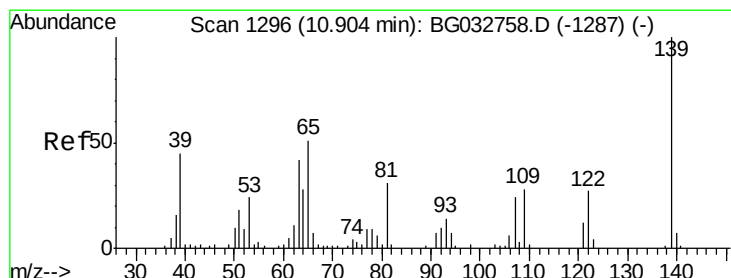
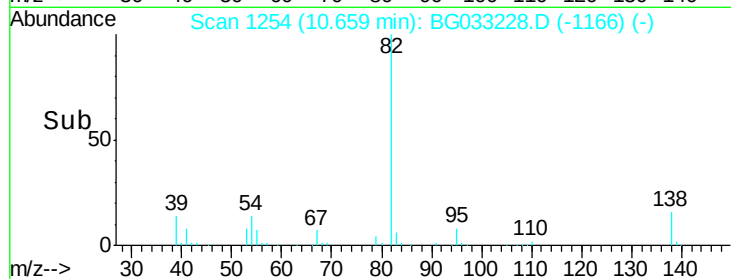
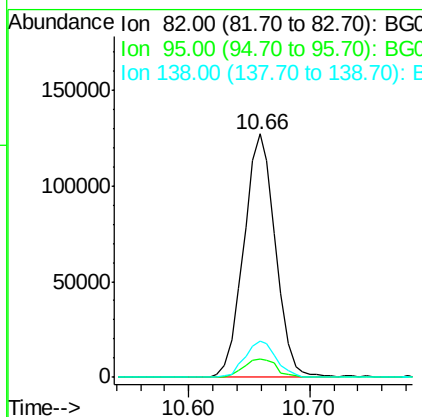
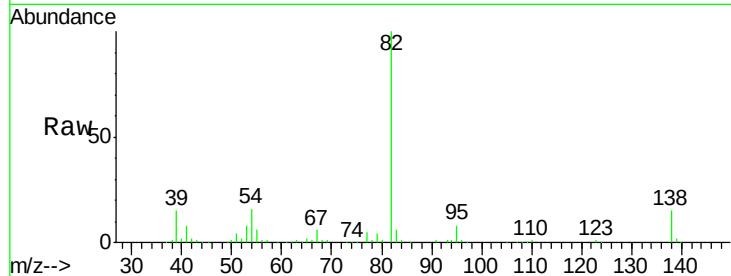
#25
Isophorone
Concen: 46.653 ng
RT: 10.66 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BG033228.D
Acq: 17 Mar 2018 11:15

Instrument :
BNA_G
ClientSampleId :
PB107416BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.8	6.2	9.2	
138	14.9	12.1	18.1	

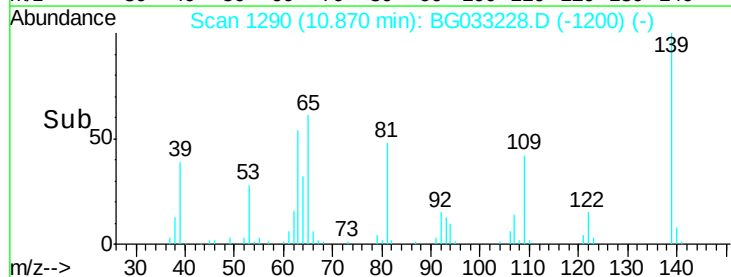
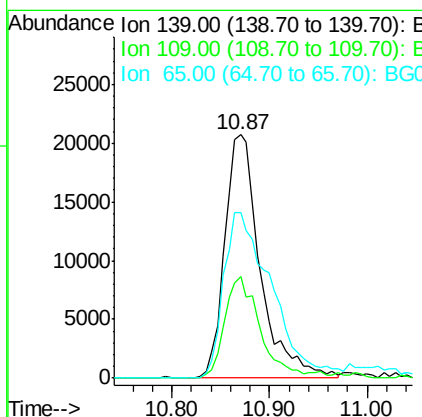
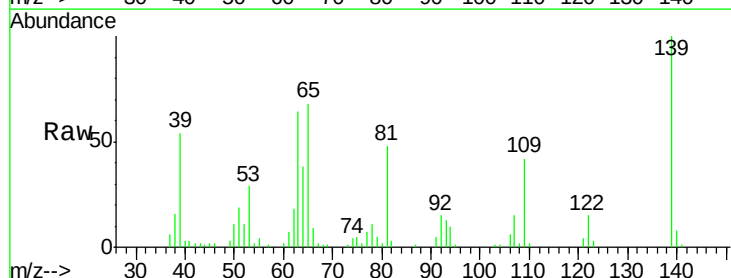
Manual Integrations
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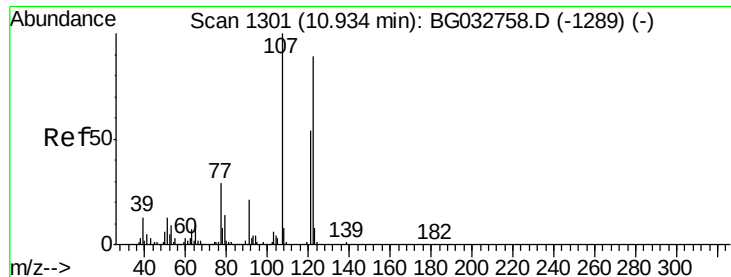
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#26
2-Nitrophenol
Concen: 60.370 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.00 min
Lab File: BG033228.D
Acq: 17 Mar 2018 11:15

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	41.7	24.2	36.2	#
65	68.0	47.4	71.0	





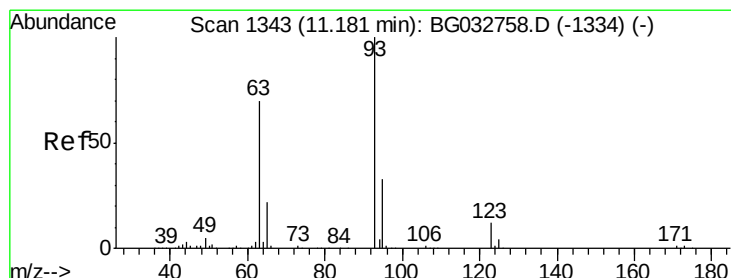
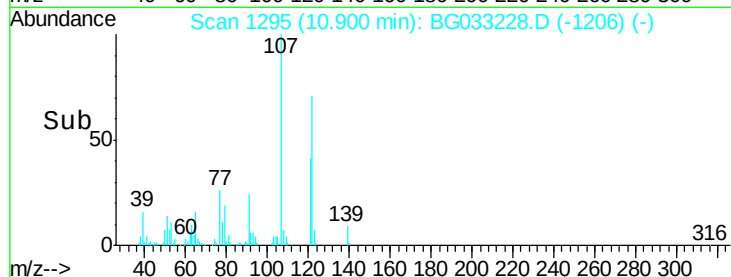
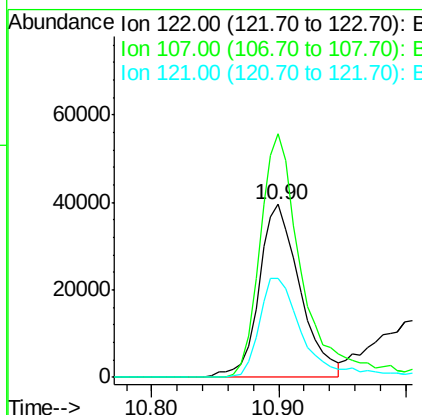
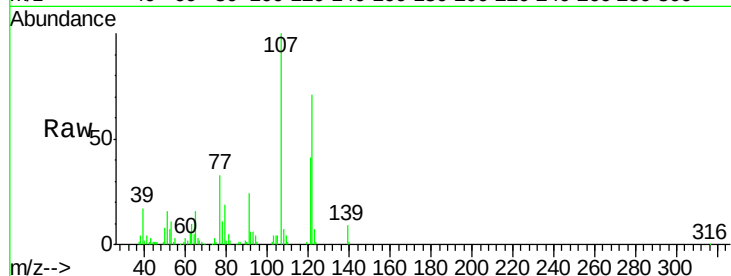
#27
2,4-Dimethylphenol
Concen: 41.287 ng
RT: 10.90 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BG033228.D
Acq: 17 Mar 2018 11:15

Instrument :
BNA_G
ClientSampleId :
PB107416BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	141.0	100.2	150.2
121	57.2	44.4	66.6

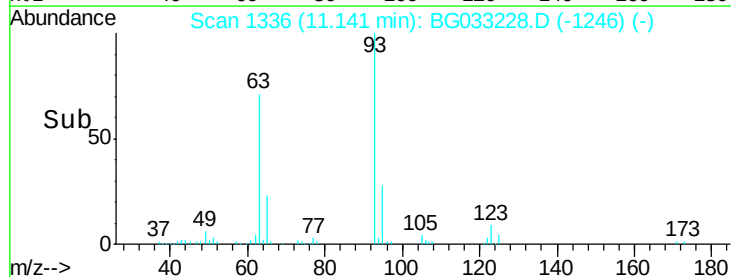
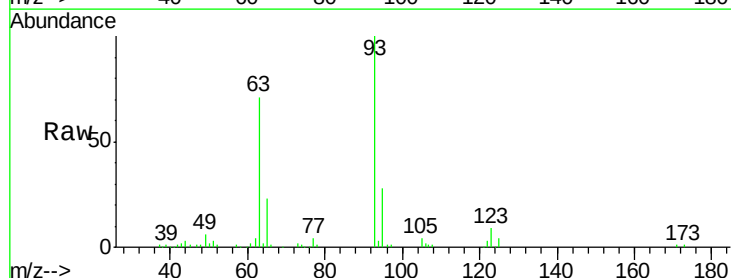
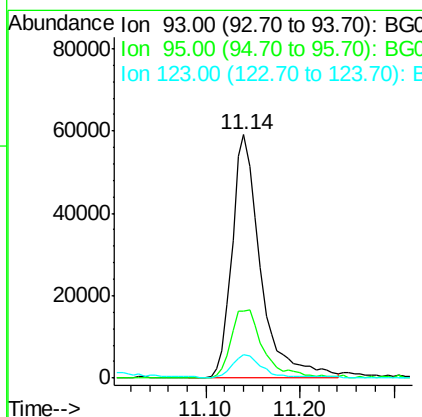
Manual Integrations
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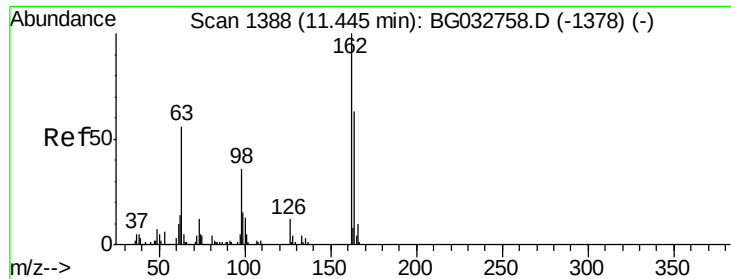
Sohil
3/19/2018 2:21:33 PM



#28
bis(2-Chloroethoxy)methane
Concen: 43.330 ng
RT: 11.14 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BG033228.D
Acq: 17 Mar 2018 11:15

Tgt Ion	Ratio	Lower	Upper
93	100		
95	27.8	24.3	36.5
123	9.5	8.4	12.6





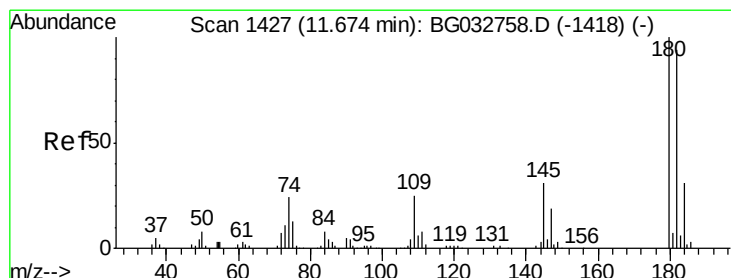
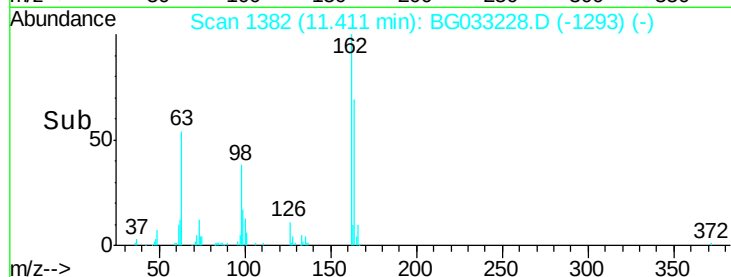
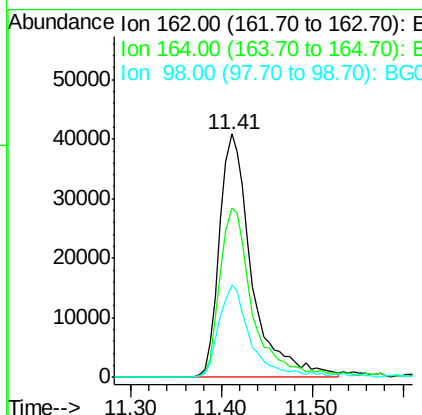
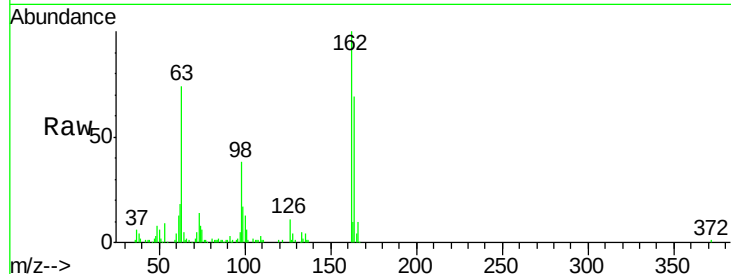
#29
2,4-Dichlorophenol
Concen: 51.845 ng
RT: 11.41 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BG033228.D
Acq: 17 Mar 2018 11:15

Instrument :
BNA_G
ClientSampled :
PB107416BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	69.5	48.0	88.0
98	37.8	21.1	61.1

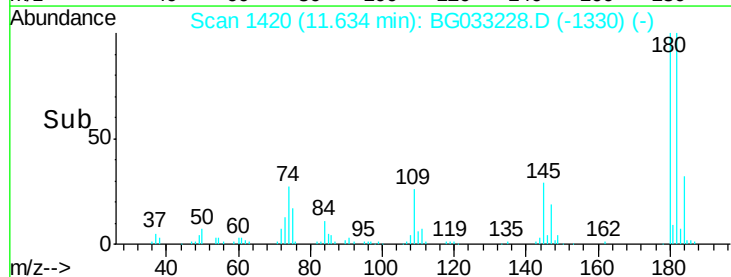
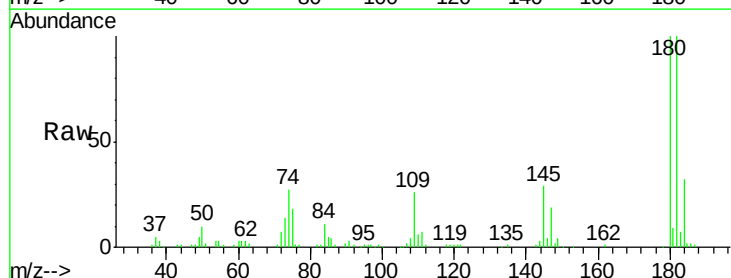
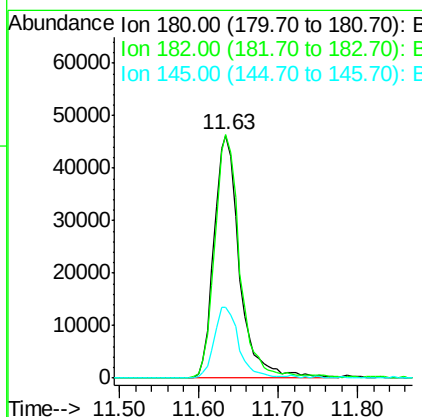
Manual Integrations
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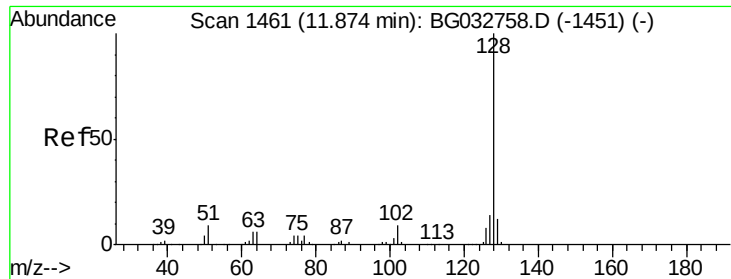
Sohil
3/19/2018 2:21:33 PM



#30
1,2,4-Trichlorobenzene
Concen: 45.028 ng
RT: 11.63 min Scan# 1420
Delta R.T. -0.00 min
Lab File: BG033228.D
Acq: 17 Mar 2018 11:15

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	100.3	77.5	116.3
145	29.0	23.4	35.2





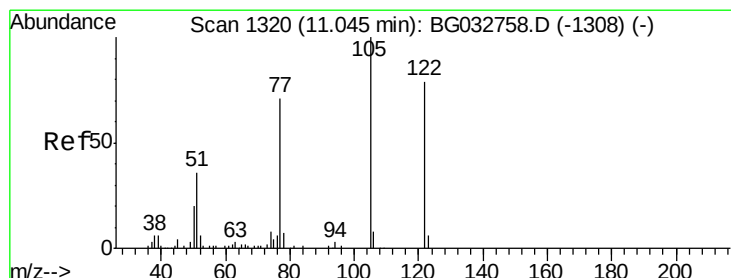
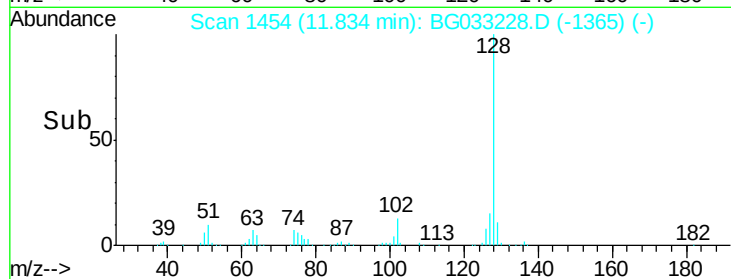
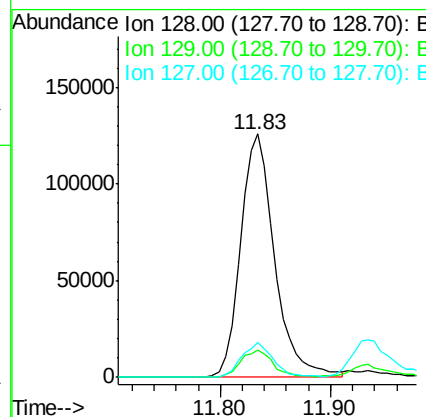
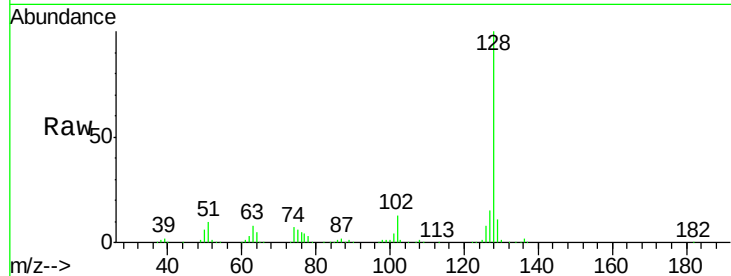
#31
Naphthalene
Concen: 36.884 ng
RT: 11.83 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BG033228.D
Acq: 17 Mar 2018 11:15

Instrument :
BNA_G
ClientSampleId :
PB107416BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.6	12.8
127	14.5	11.6	17.4

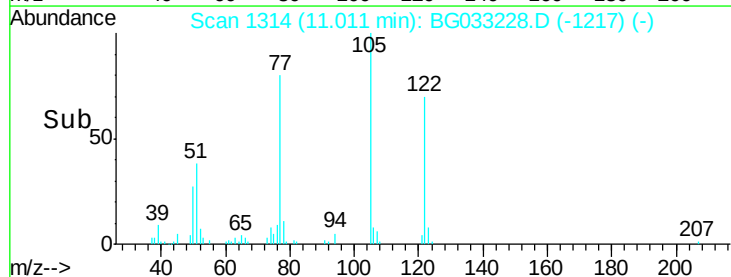
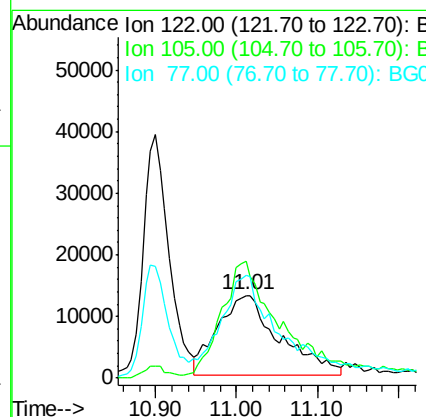
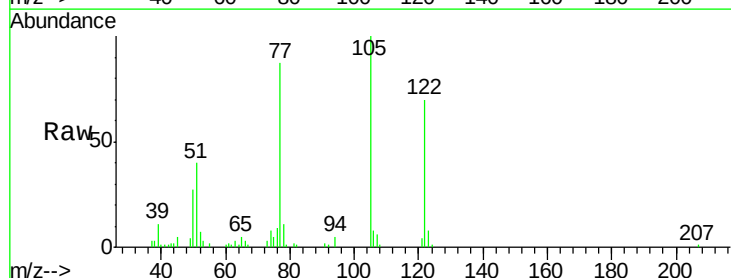
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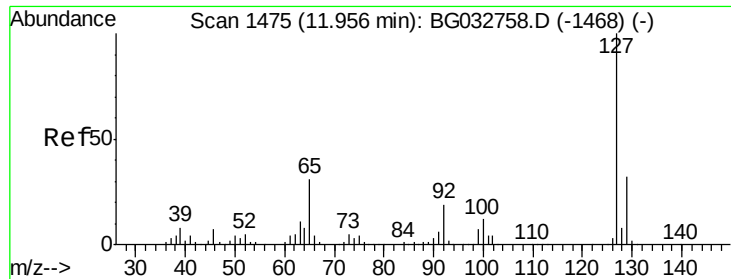
Sohil
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#32
Benzoic acid
Concen: 50.024 ng m
RT: 11.01 min Scan# 1314
Delta R.T. 0.04 min
Lab File: BG033228.D
Acq: 17 Mar 2018 11:15

Tgt Ion	Ratio	Lower	Upper
122	100		
105	142.1	123.5	163.5
77	124.2	85.7	125.7





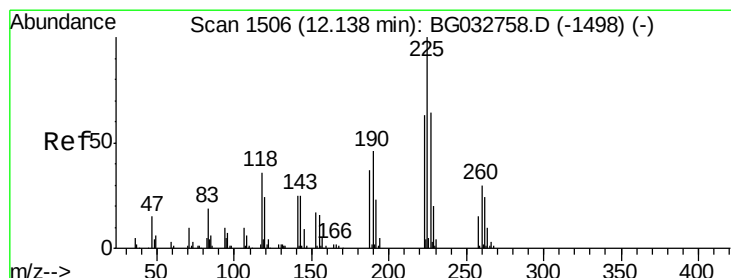
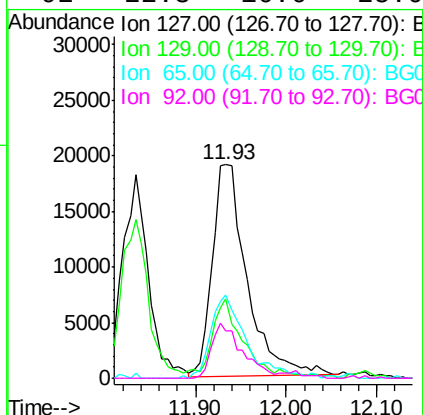
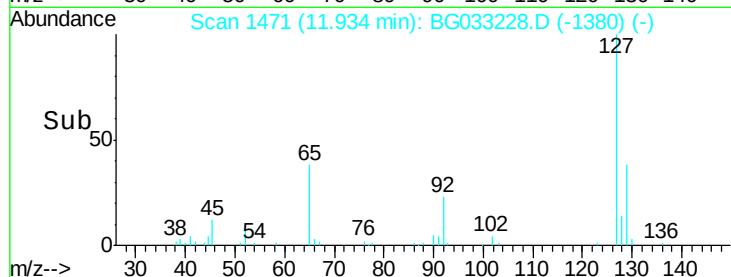
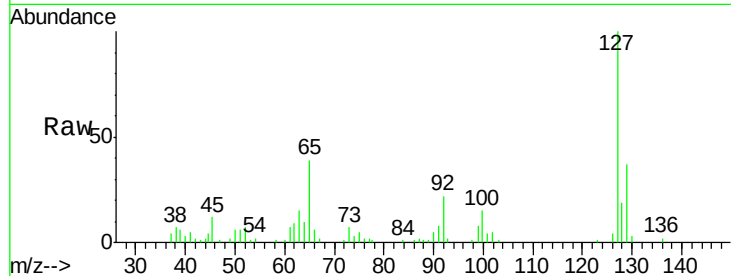
#33
4-Chloroaniline
Concen: 15.274 ng
RT: 11.93 min Scan# 1471
Delta R.T. 0.01 min
Lab File: BG033228.D
Acq: 17 Mar 2018 11:15

Instrument :
BNA_G
ClientSampleId :
PB107416BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	37.1	24.0	36.0		
65	39.0	27.0	40.4		
92	22.3	16.6	25.0		

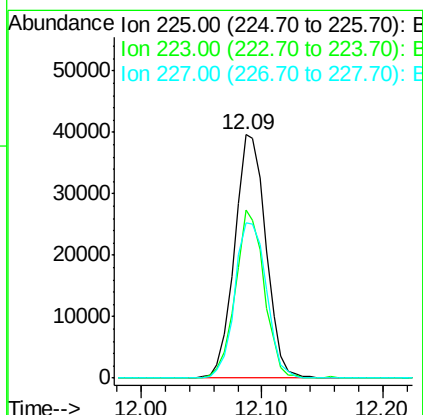
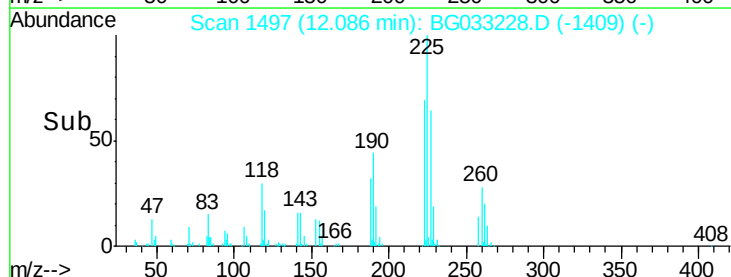
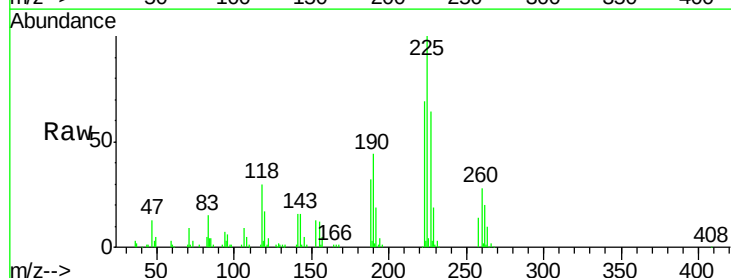
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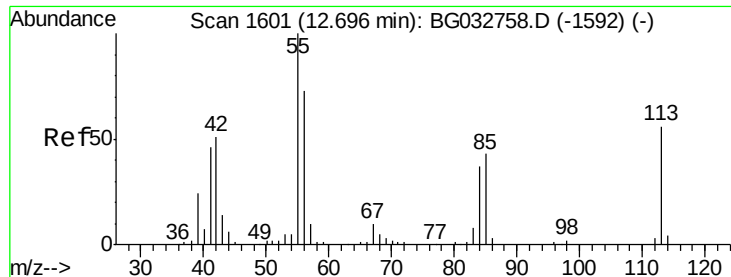
Sohil
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#34
Hexachlorobutadiene
Concen: 55.772 ng
RT: 12.09 min Scan# 1497
Delta R.T. -0.01 min
Lab File: BG033228.D
Acq: 17 Mar 2018 11:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	69.0	49.7	74.5		
227	63.6	48.1	72.1		





#35

Caprolactam

Concen: 47.775 ng

RT: 12.67 min Scan# 1597

Delta R.T. -0.02 min

Lab File: BG033228.D

Acq: 17 Mar 2018 11:15

Instrument :

BNA_G

ClientSampled :

PB107416BS

Tot Ion:113 Resp: 37330

Ion Ratio Lower Upper

113 100

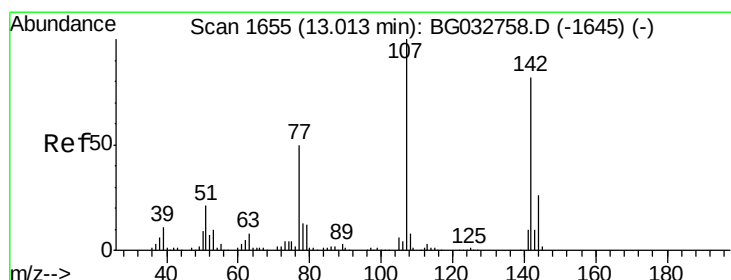
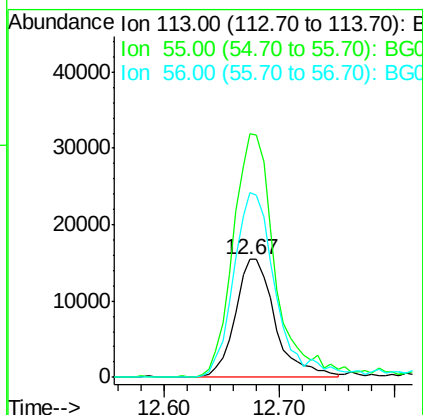
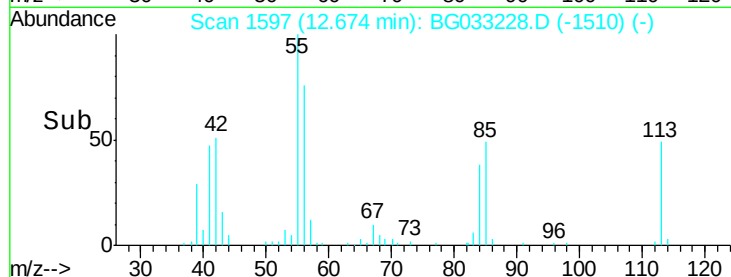
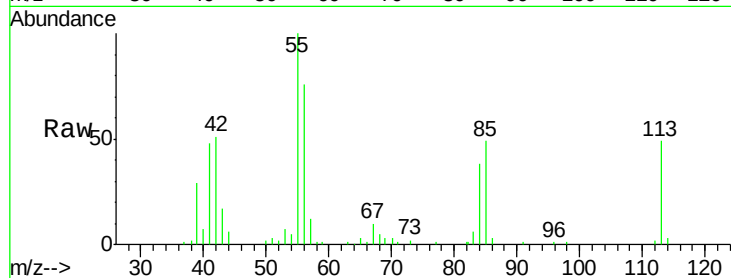
55 206.1 186.9 226.9

56 156.4 130.9 170.9

Manual Integrations
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Sohil

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#36

4-Chloro-3-methylphenol

Concen: 59.854 ng

RT: 12.99 min Scan# 1651

Delta R.T. -0.01 min

Lab File: BG033228.D

Acq: 17 Mar 2018 11:15

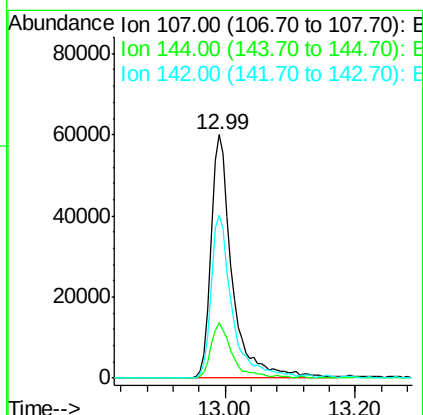
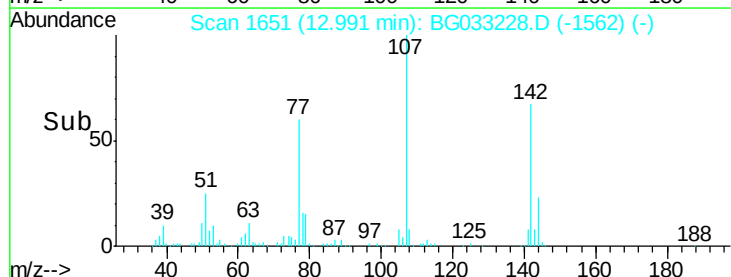
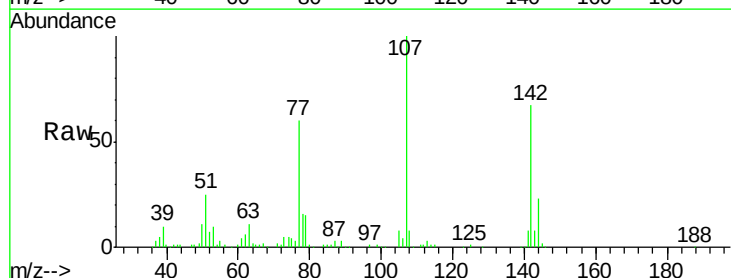
Tgt Ion:107 Resp: 135922

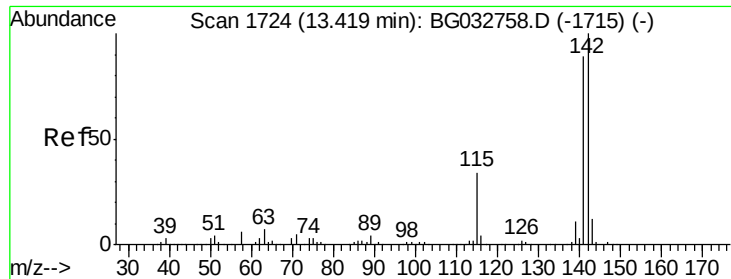
Ion Ratio Lower Upper

107 100

144 23.0 18.2 27.4

142 67.1 59.0 88.4





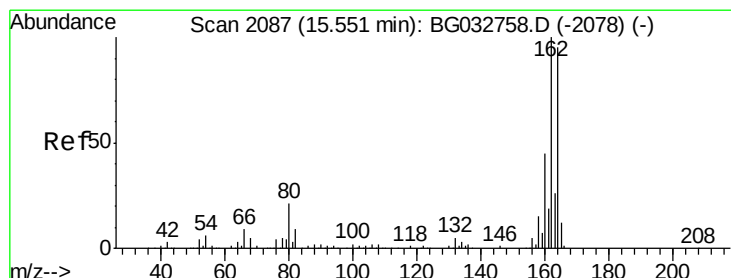
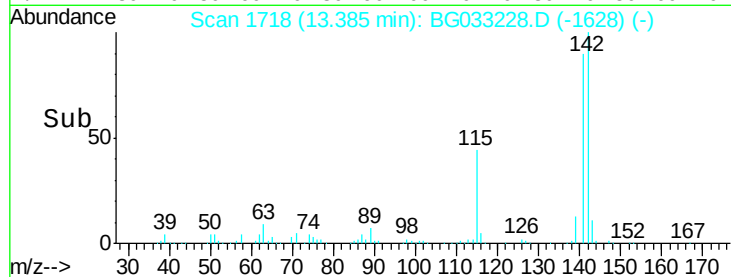
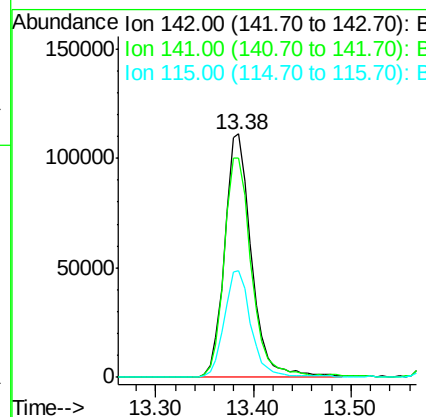
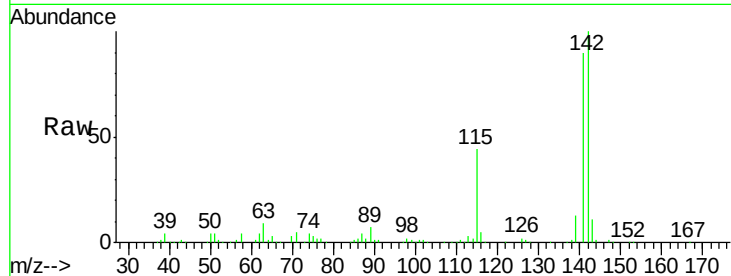
#37
2-Methylnaphthalene
Concen: 39.835 ng
RT: 13.38 min Scan# 1718
Delta R.T. -0.00 min
Lab File: BG033228.D
Acq: 17 Mar 2018 11:15

Instrument :
BNA_G
ClientSampled :
PB107416BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	67.1	100.7
115	43.7	30.7	46.1

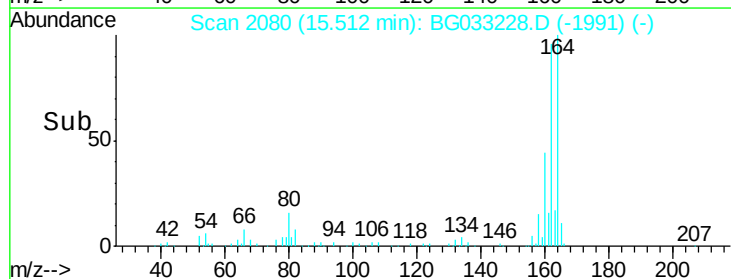
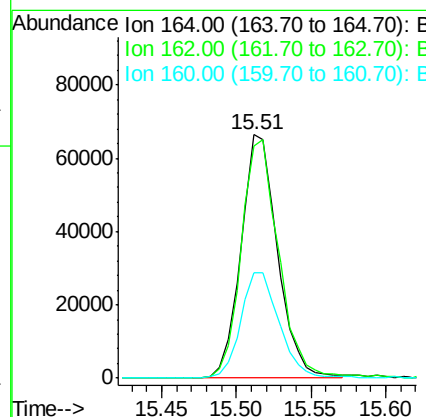
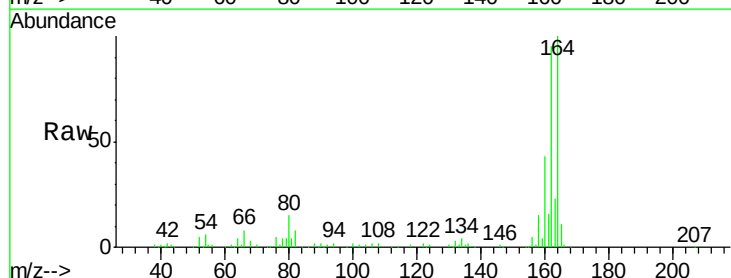
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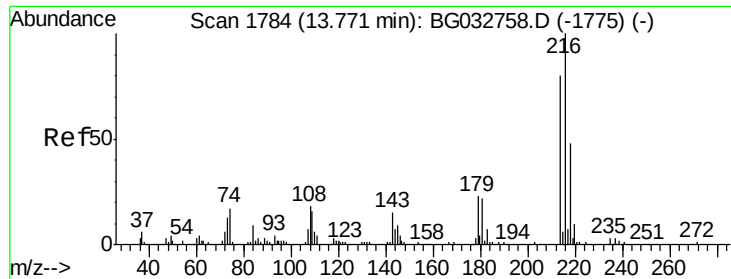
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3/19/2018 2:21:33 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.51 min Scan# 2080
Delta R.T. -0.01 min
Lab File: BG033228.D
Acq: 17 Mar 2018 11:15

Tgt Ion	Ratio	Lower	Upper
164	100		
162	95.2	78.8	118.2
160	43.2	35.4	53.0





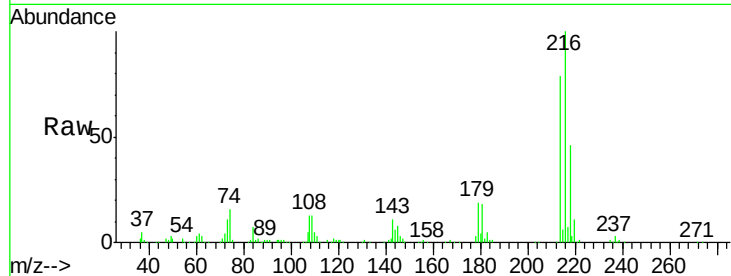
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.011 ng
 RT: 13.74 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: BG033228.D
 Acq: 17 Mar 2018 11:15

Instrument :
 BNA_G
 ClientSampleId :
 PB107416BS

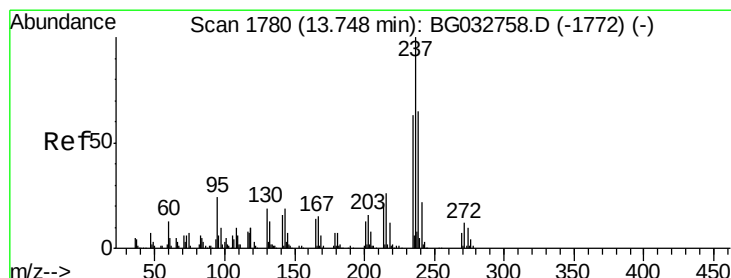
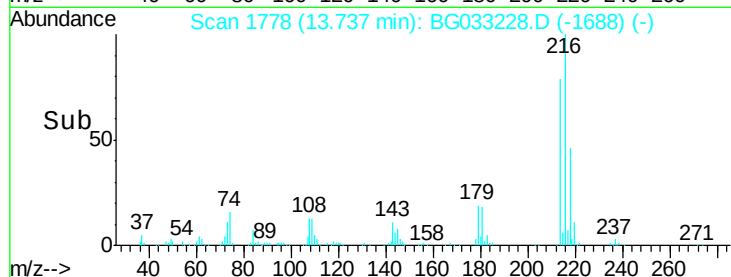
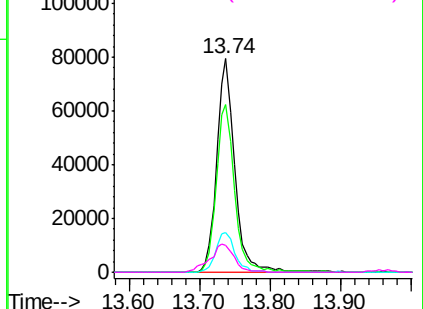
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	79.4		63.0	94.4	
179	19.8		17.0	25.6	
108	17.3		12.8	19.2	

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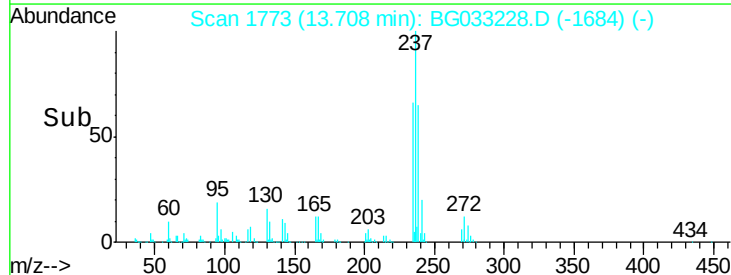
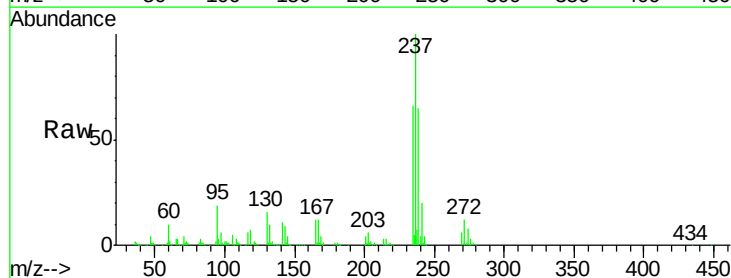
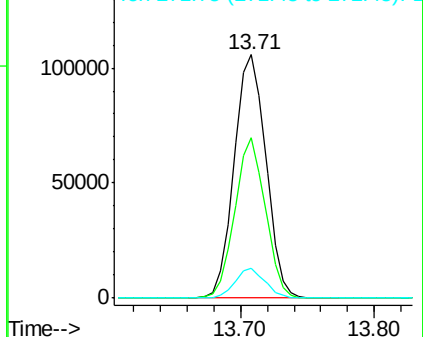
Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

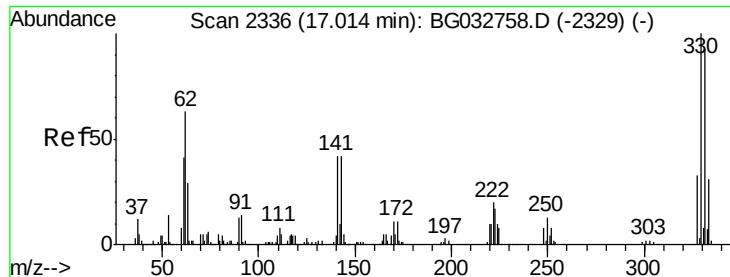


#40
 Hexachlorocyclopentadiene
 Concen: 102.174 ng
 RT: 13.71 min Scan# 1773
 Delta R.T. -0.01 min
 Lab File: BG033228.D
 Acq: 17 Mar 2018 11:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	65.7		50.4	90.4	
272	12.2		0.0	31.8	

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





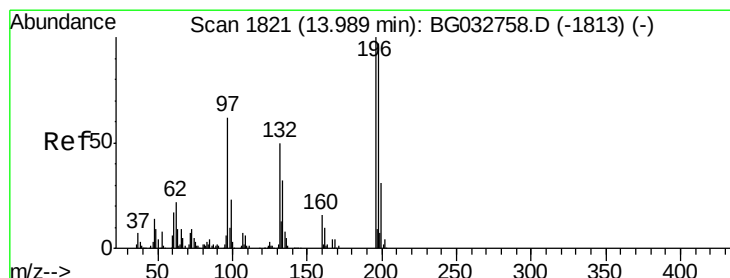
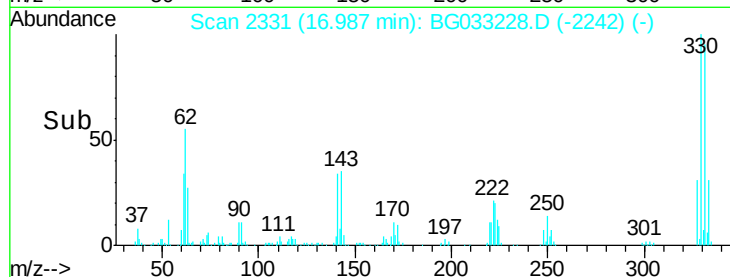
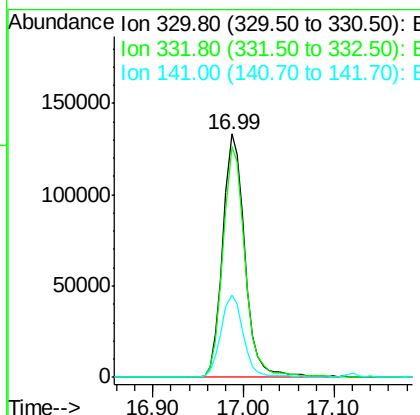
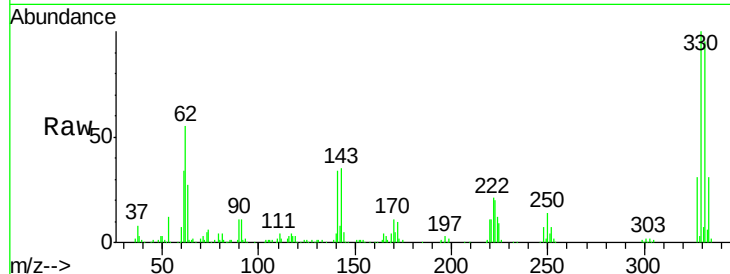
#41
 2,4,6-Tribromophenol
 Concen: 190.331 ng
 RT: 16.99 min Scan# 2331
 Delta R.T. -0.01 min
 Lab File: BG033228.D
 Acq: 17 Mar 2018 11:15

Instrument :
 BNA_G
 ClientSampleId :
 PB107416BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	225383		
332	94.8	77.0	115.6	
141	34.4	25.2	37.8	

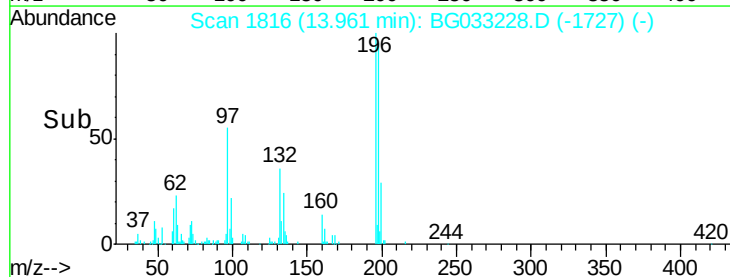
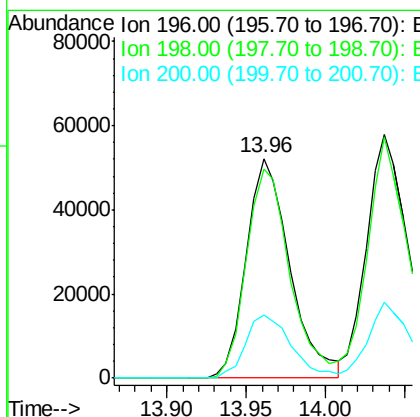
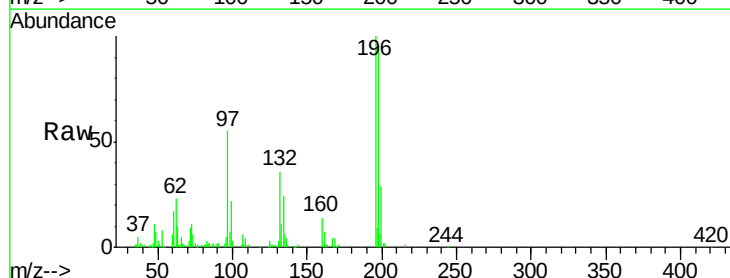
Manual Integrations
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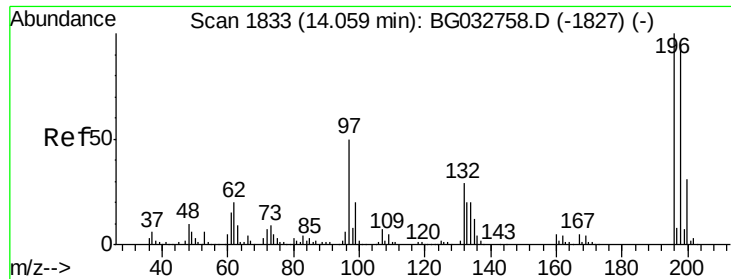
Sohil
 3/19/2018 2:21:33 PM



#42
 2,4,6-Trichlorophenol
 Concen: 47.555 ng
 RT: 13.96 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: BG033228.D
 Acq: 17 Mar 2018 11:15

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	100261		
198	95.1	78.2	117.2	
200	29.0	24.6	36.8	





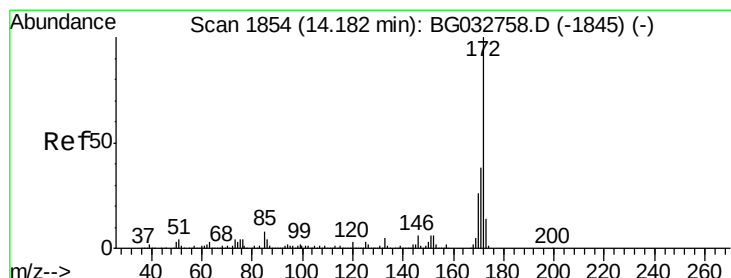
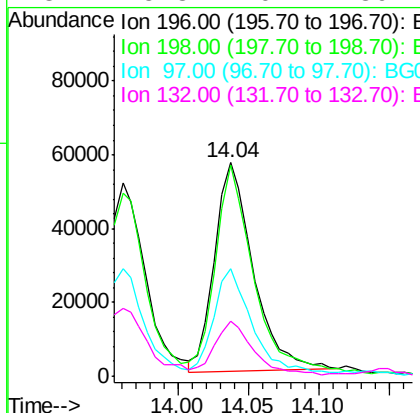
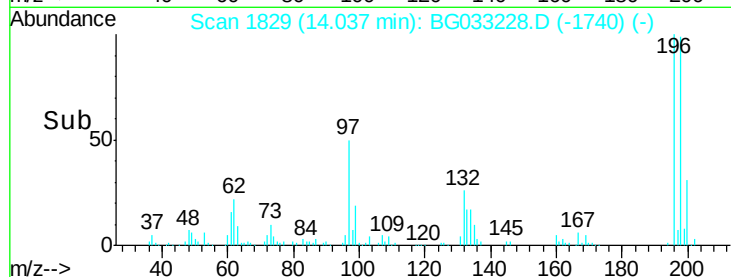
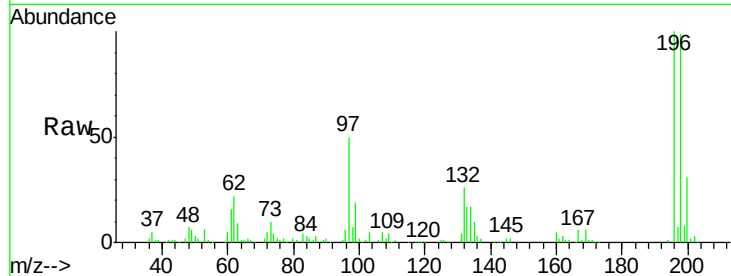
#43
 2,4,5-Trichlorophenol
 Concen: 44.471 ng
 RT: 14.04 min Scan# 1829
 Delta R.T. -0.01 min
 Lab File: BG033228.D
 Acq: 17 Mar 2018 11:15

Instrument :
 BNA_G
 ClientSampleId :
 PB107416BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		108516		
198	99.0	76.2	114.4		
97	50.3	38.7	58.1		
132	25.8	20.2	30.2		

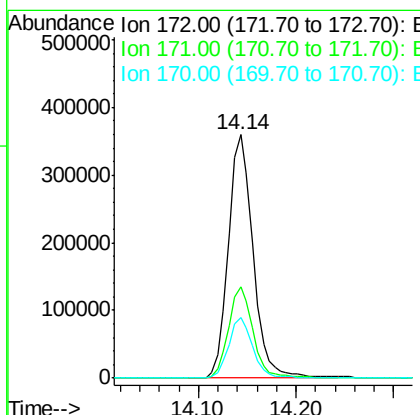
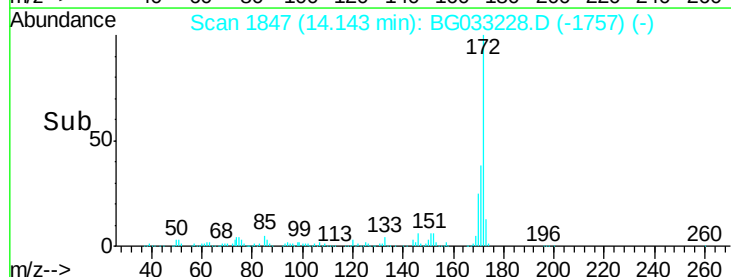
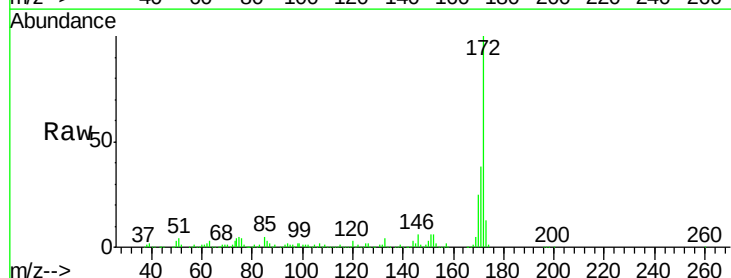
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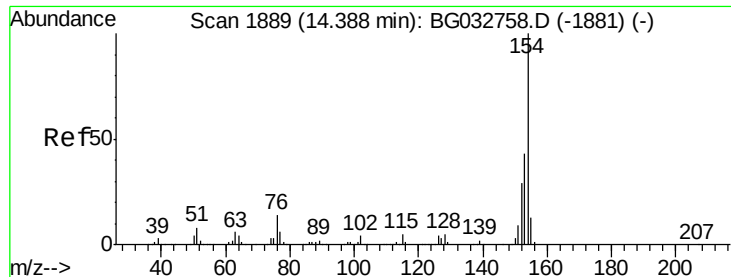
Sohil
 3/19/2018 2:21:33 PM



#44
 2-Fluorobiphenyl
 Concen: 81.020 ng
 RT: 14.14 min Scan# 1847
 Delta R.T. -0.00 min
 Lab File: BG033228.D
 Acq: 17 Mar 2018 11:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		632655		
171	37.6	30.0	45.0		
170	25.1	19.5	29.3		





#45

1,1'-Biphenyl

Concen: 31.182 ng

RT: 14.35 min Scan# 1883

Delta R.T. -0.01 min

Lab File: BG033228.D

Acq: 17 Mar 2018 11:15

Instrument :

BNA_G

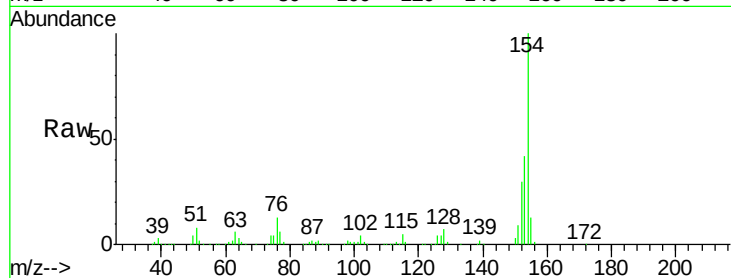
ClientSampleId :

PB107416BS

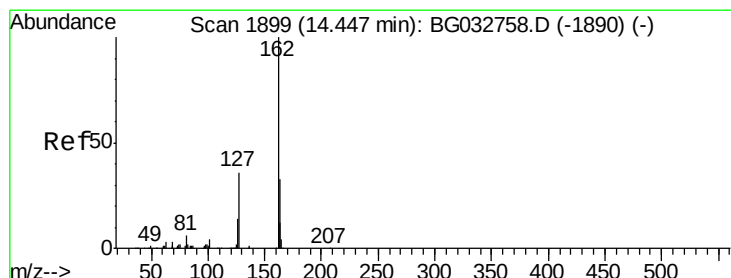
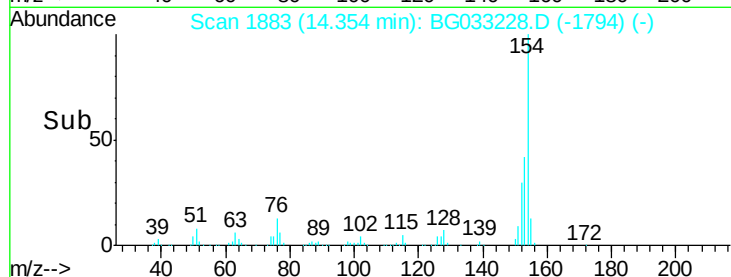
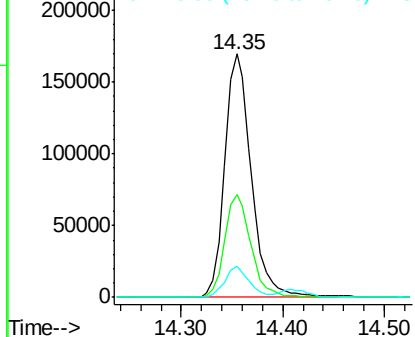
Tot Ion:	154	Resp:	306873
Ion Ratio		Lower	Upper
154	100		
153	42.1	19.8	59.8
76	12.6	0.0	31.9

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3/19/2018 2:21:33 PM



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 32.559 ng

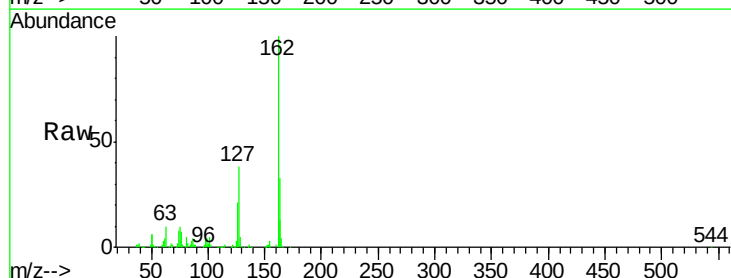
RT: 14.41 min Scan# 1892

Delta R.T. -0.01 min

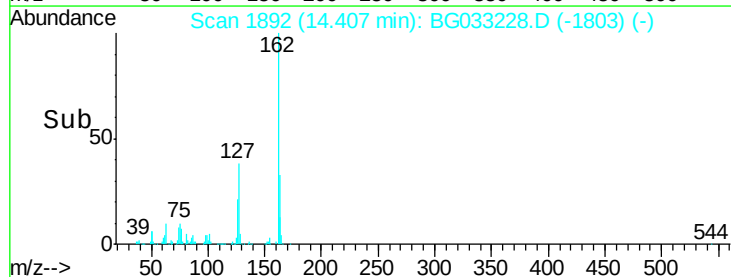
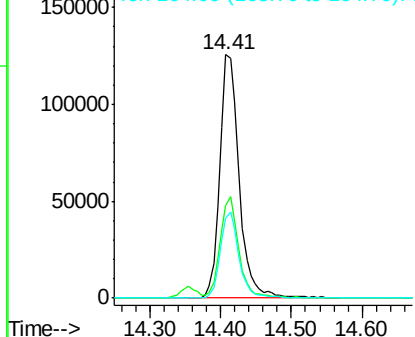
Lab File: BG033228.D

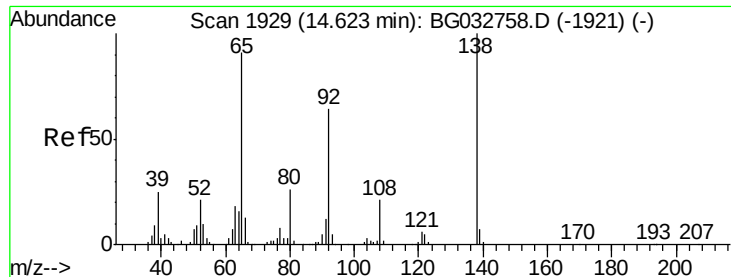
Acq: 17 Mar 2018 11:15

Tgt Ion:	162	Resp:	239354
Ion Ratio		Lower	Upper
162	100		
127	38.1	30.7	46.1
164	32.6	26.0	39.0



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





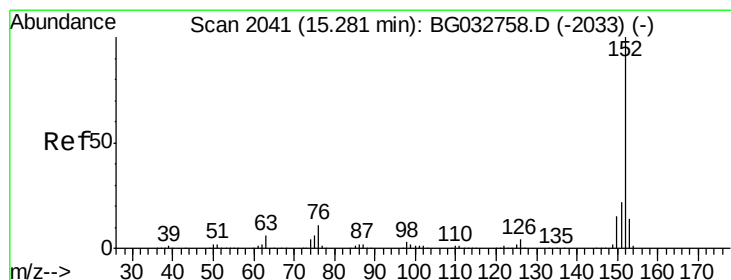
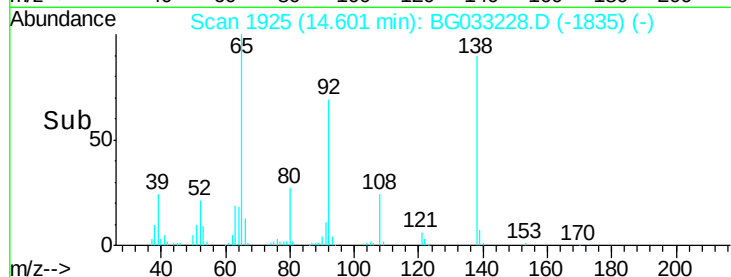
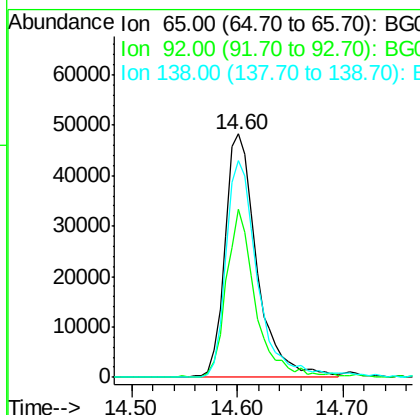
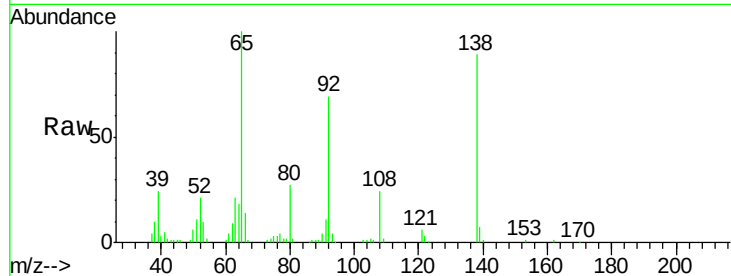
#47
2-Nitroaniline
Concen: 53.090 ng
RT: 14.60 min Scan# 1925
Delta R.T. -0.00 min
Lab File: BG033228.D
Acq: 17 Mar 2018 11:15

Instrument :
BNA_G
ClientSampleId :
PB107416BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	69.0	54.6	82.0
138	89.2	72.9	109.3

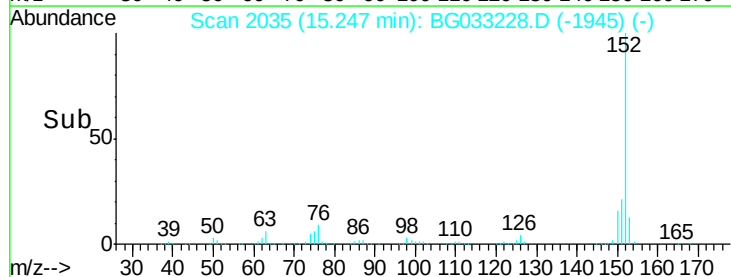
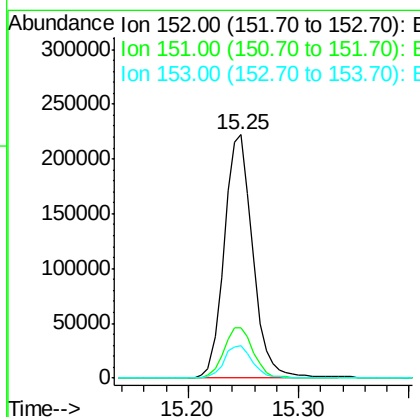
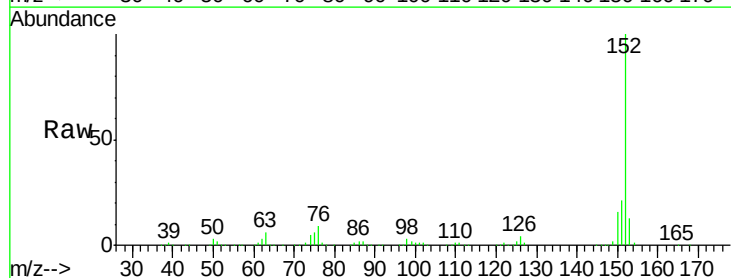
Manual Integrations
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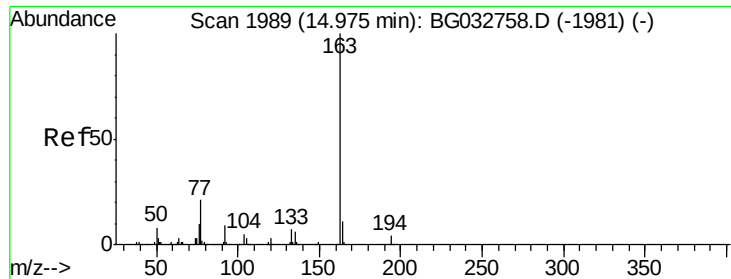
Sohil
3/19/2018 2:21:33 PM



#48
Acenaphthylene
Concen: 33.354 ng
RT: 15.25 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BG033228.D
Acq: 17 Mar 2018 11:15

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	17.2	25.8
153	13.2	10.2	15.4





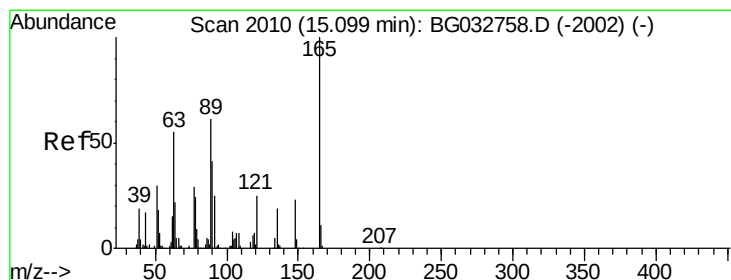
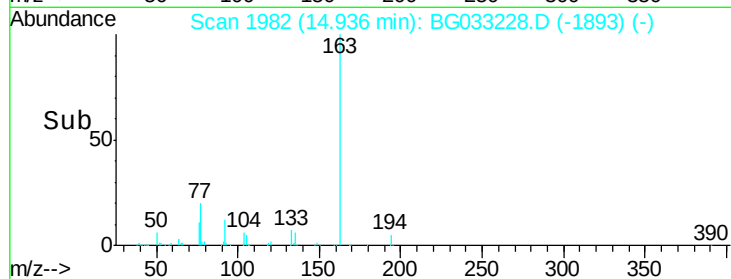
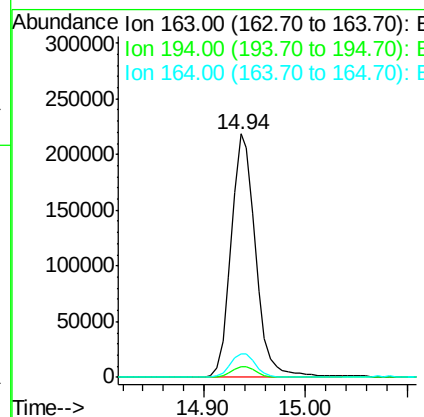
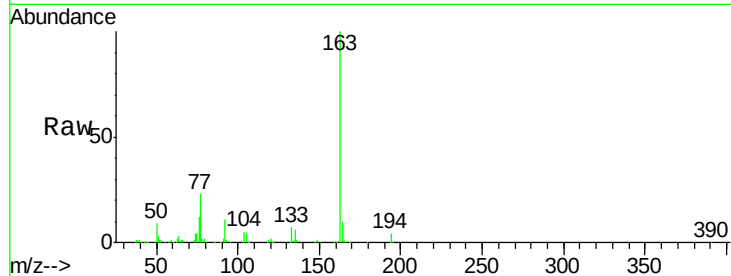
#49
Dimethylphthalate
Concen: 38.316 ng
RT: 14.94 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BG033228.D
Acq: 17 Mar 2018 11:15

Instrument :
BNA_G
ClientSampleId :
PB107416BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	366394		
194	4.2		3.4	5.2
164	9.8		8.2	12.4

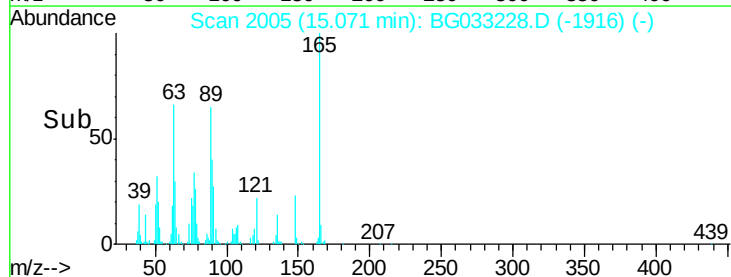
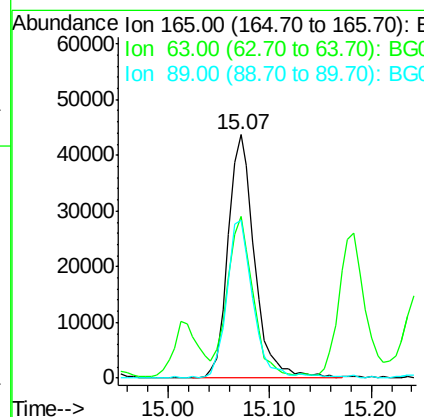
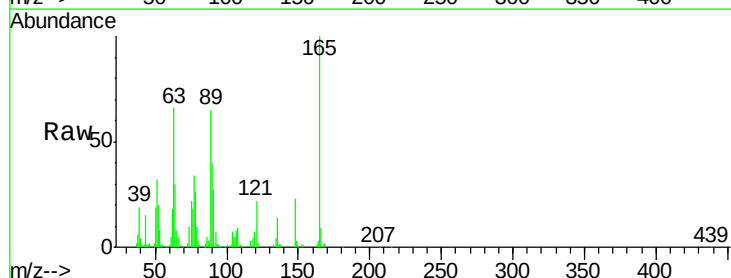
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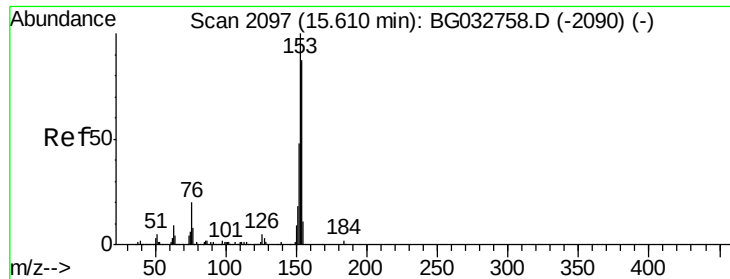
Sohil
3/19/2018 2:21:33 PM



#50
2,6-Dinitrotoluene
Concen: 49.651 ng
RT: 15.07 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BG033228.D
Acq: 17 Mar 2018 11:15

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	79180		
63	66.5		52.7	79.1
89	64.8		49.2	73.8





#51

Acenaphthene

Concen: 39.770 ng

RT: 15.58 min Scan# 2091

Delta R.T. -0.01 min

Lab File: BG033228.D

Acq: 17 Mar 2018 11:15

Instrument :

BNA_G

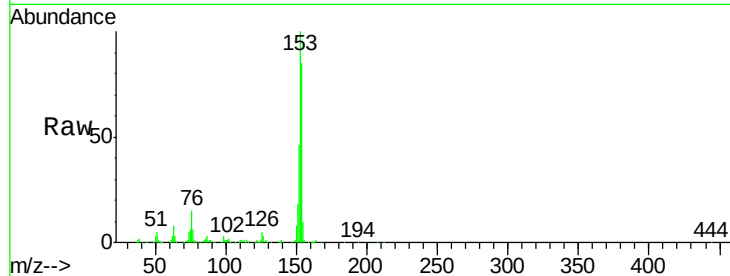
ClientSampleId :

PB107416BS

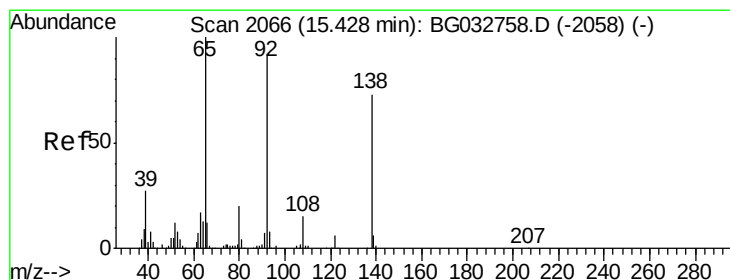
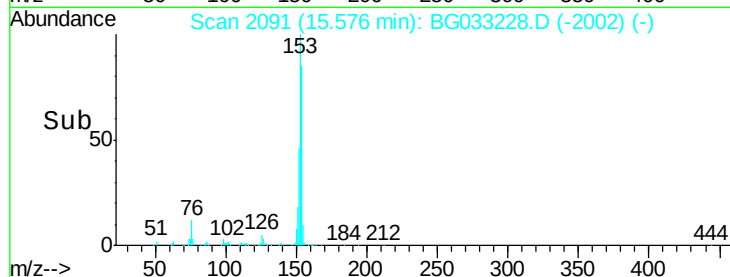
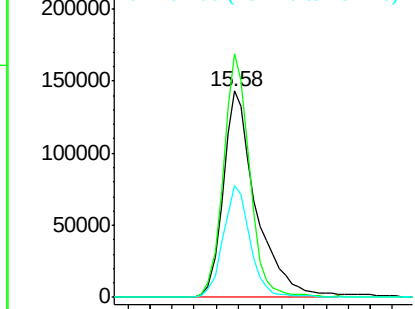
Tot Ion:	154	Resp:	298104
Ion Ratio	Lower	Upper	
154	100		
153	118.2	90.4	135.6
152	54.6	41.6	62.4

Manual Integrations
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3/19/2018 2:21:33 PM



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 26.271 ng

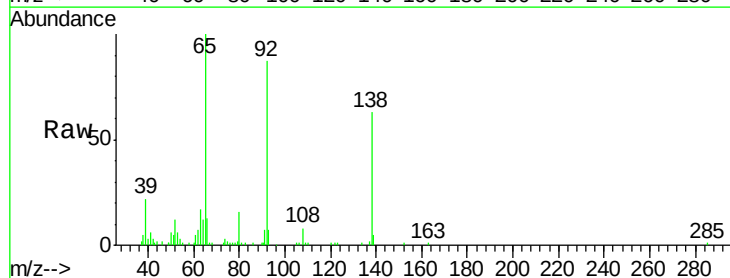
RT: 15.41 min Scan# 2062

Delta R.T. -0.01 min

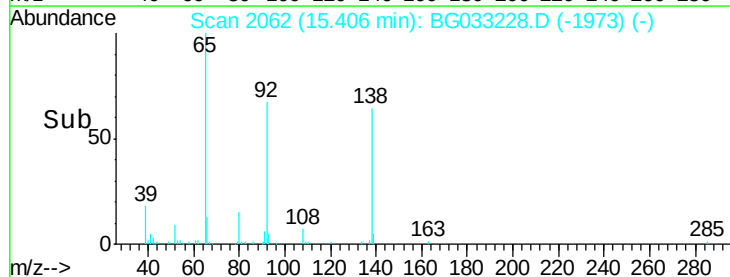
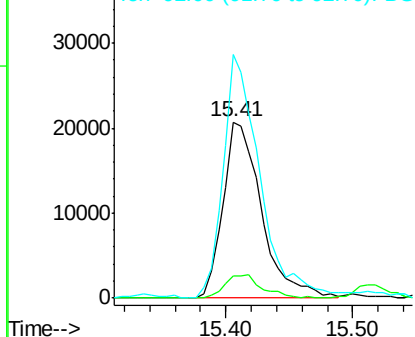
Lab File: BG033228.D

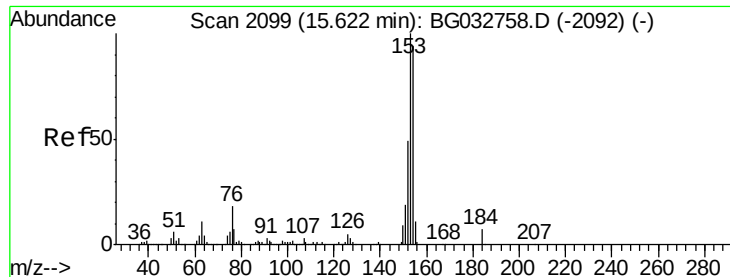
Acq: 17 Mar 2018 11:15

Tgt Ion:	138	Resp:	43507
Ion Ratio	Lower	Upper	
138	100		
108	12.6	17.5	26.3#
92	138.0	105.8	158.8



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC





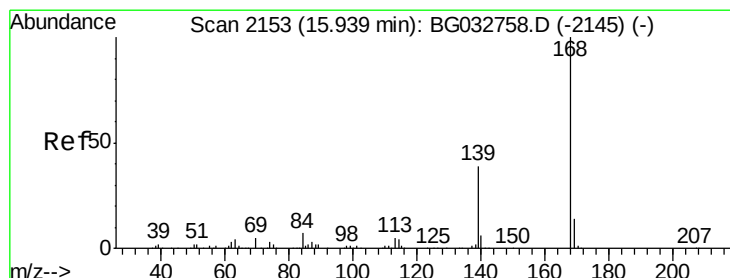
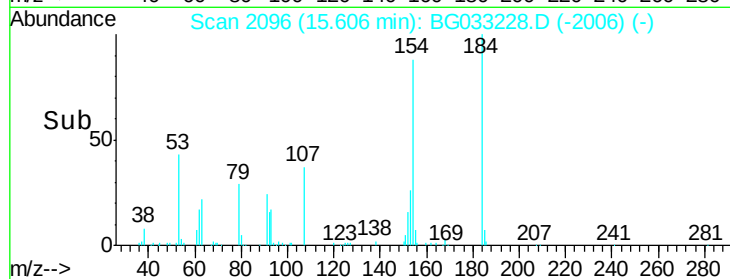
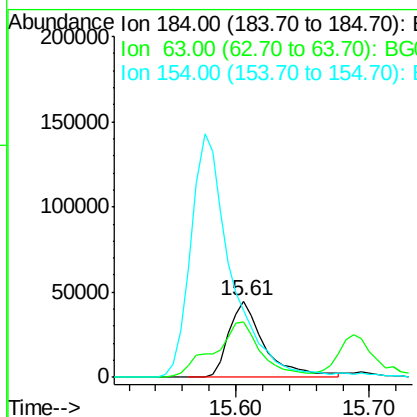
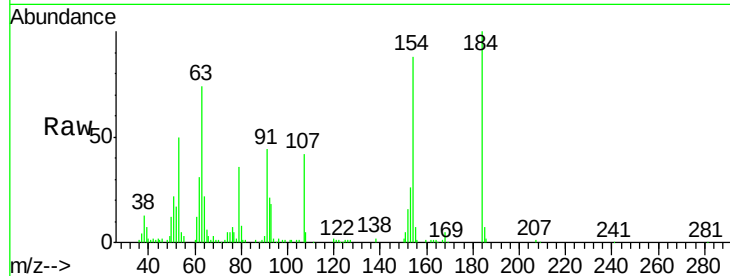
#53
2,4-Dinitrophenol
Concen: 133.517 ng
RT: 15.61 min Scan# 2096
Delta R.T. -0.00 min
Lab File: BG033228.D
Acq: 17 Mar 2018 11:15

Instrument :
BNA_G
ClientSampleId :
PB107416BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	73.7	59.8	89.8
154	88.1	101.8	152.8#

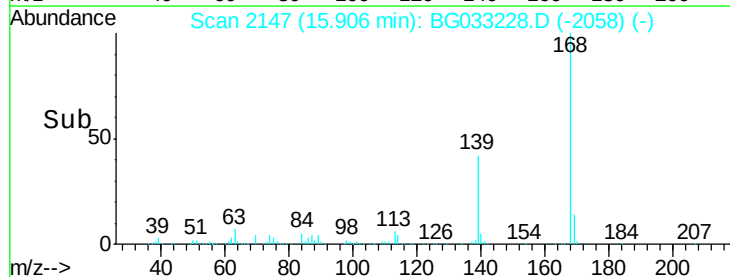
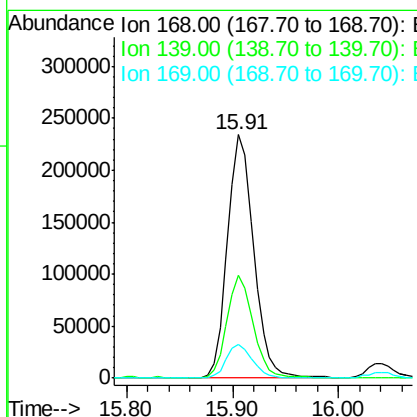
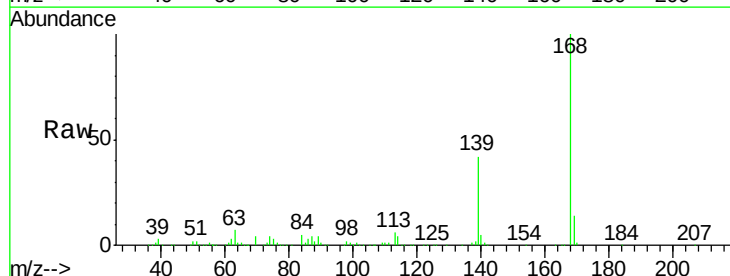
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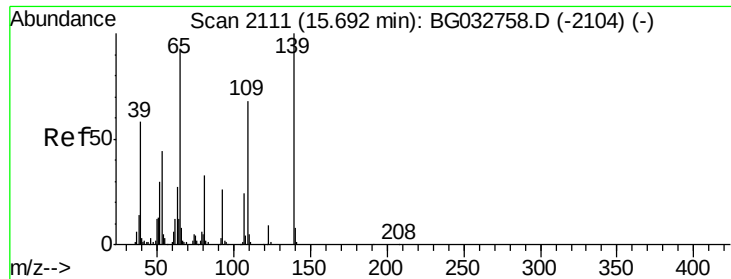
Sohil
3/19/2018 2:21:33 PM



#54
Dibenzofuran
Concen: 37.731 ng
RT: 15.91 min Scan# 2147
Delta R.T. -0.01 min
Lab File: BG033228.D
Acq: 17 Mar 2018 11:15

Tgt Ion	Ratio	Lower	Upper
168	100		
139	42.4	28.6	43.0
169	13.9	11.2	16.8





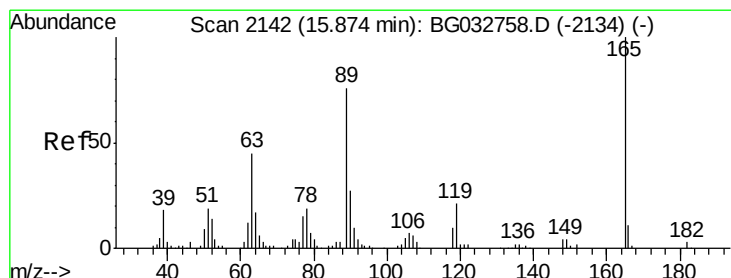
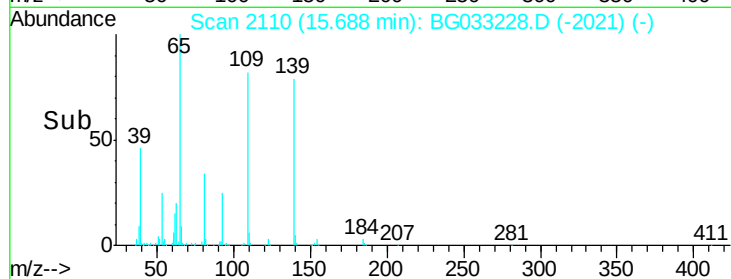
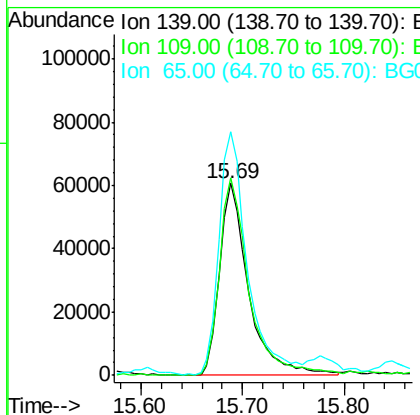
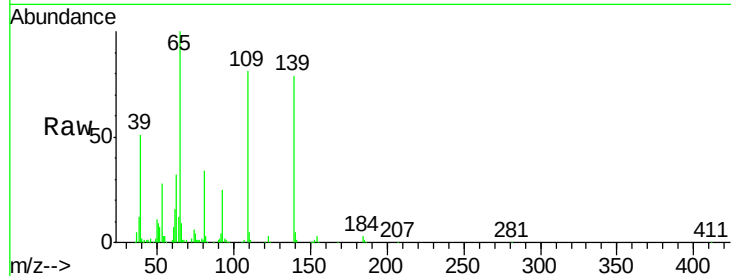
#55
4-Nitrophenol
Concen: 77.492 ng
RT: 15.69 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BG033228.D
Acq: 17 Mar 2018 11:15

Instrument :
BNA_G
ClientSampleId :
PB107416BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	103.0	62.2	102.2#	
65	126.7	97.2	137.2	

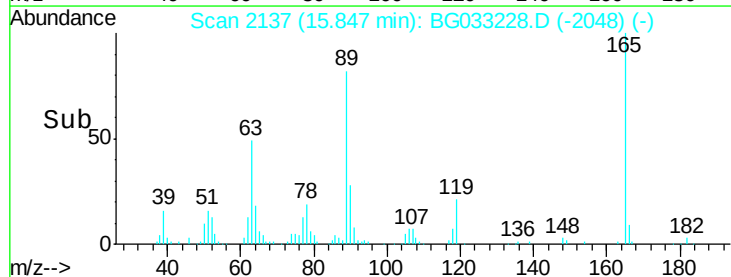
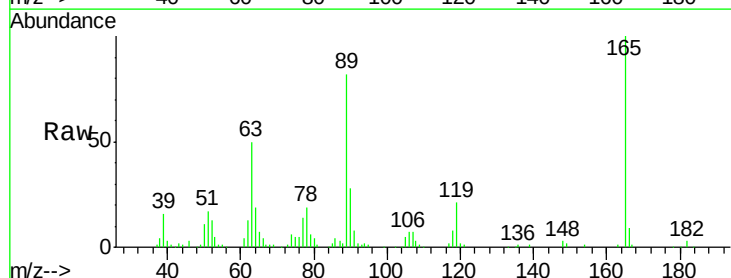
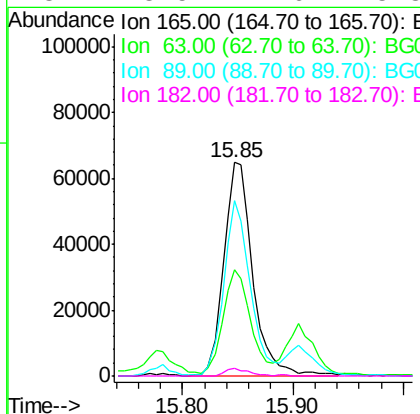
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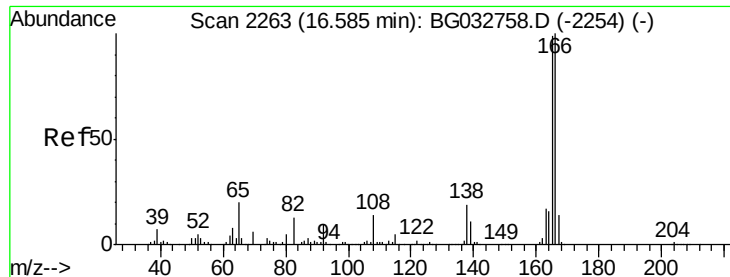
Sohil
3/19/2018 2:21:33 PM



#56
2,4-Dinitrotoluene
Concen: 60.062 ng
RT: 15.85 min Scan# 2137
Delta R.T. -0.01 min
Lab File: BG033228.D
Acq: 17 Mar 2018 11:15

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	49.8	42.0	63.0	
89	82.1	66.9	100.3	
182	3.5	2.6	3.8	





#57

Fluorene

Concen: 39.295 ng

RT: 16.55 min Scan# 2257

Delta R.T. 0.00 min

Lab File: BG033228.D

Acq: 17 Mar 2018 11:15

Instrument :

BNA_G

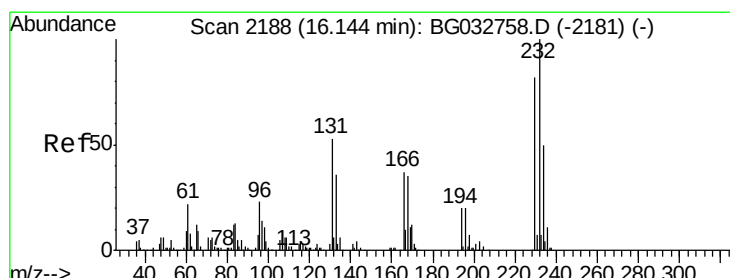
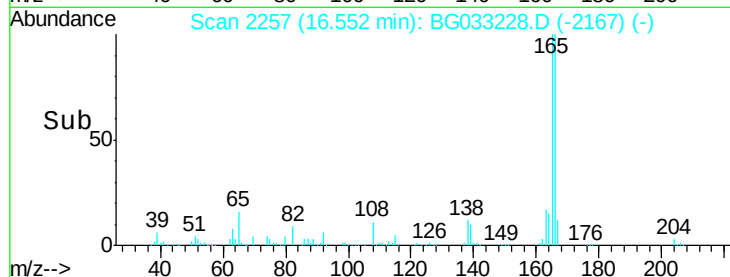
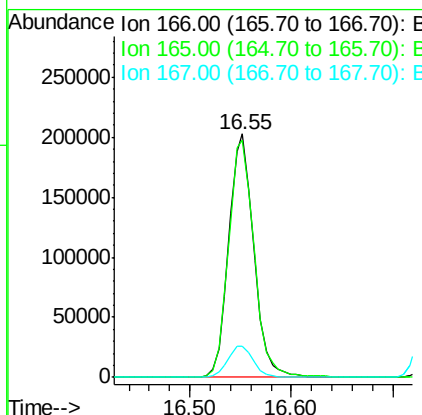
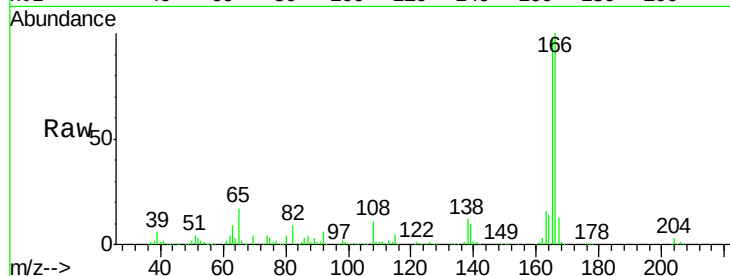
ClientSampled :

PB107416BS

Tot Ion:	166	Resp:	346156
Ion Ratio		Lower	Upper
166	100		
165	97.4	80.6	121.0
167	13.0	10.4	15.6

Manual Integrations
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Sohil
3/19/2018 2:21:33 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 64.786 ng

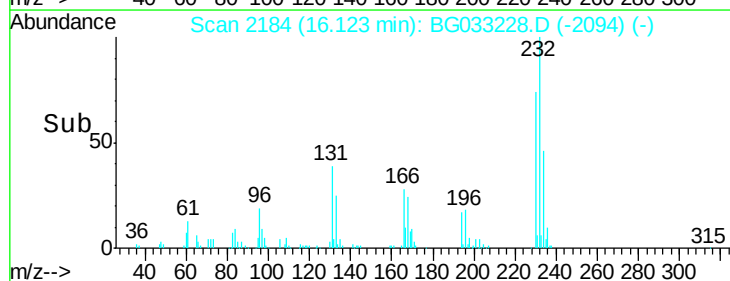
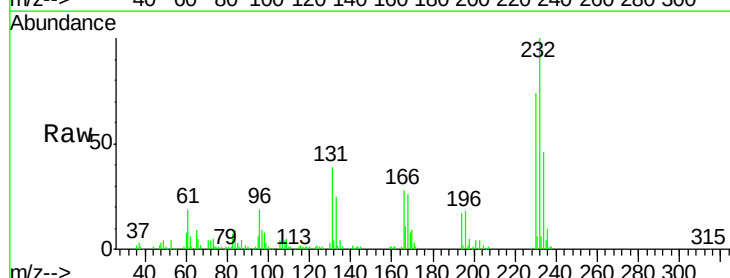
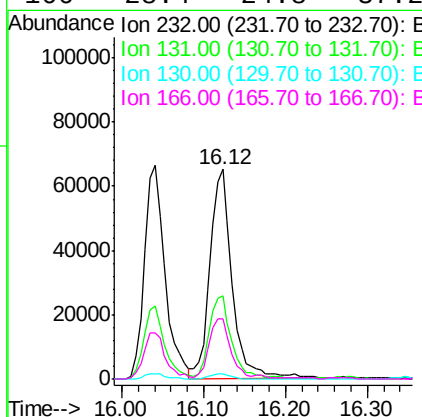
RT: 16.12 min Scan# 2184

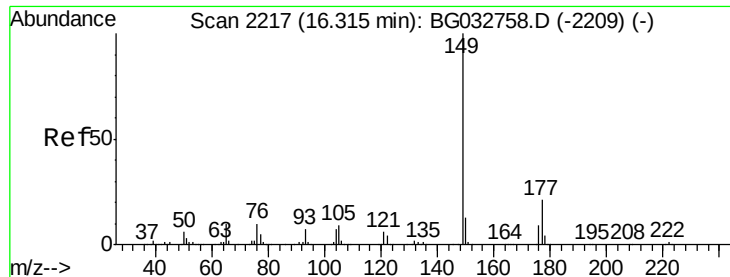
Delta R.T. -0.00 min

Lab File: BG033228.D

Acq: 17 Mar 2018 11:15

Tgt Ion:	232	Resp:	122738
Ion Ratio		Lower	Upper
232	100		
131	37.6	33.5	50.3
130	2.5	2.2	3.2
166	28.4	24.8	37.2





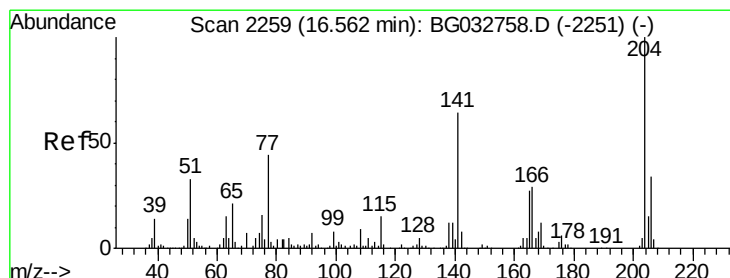
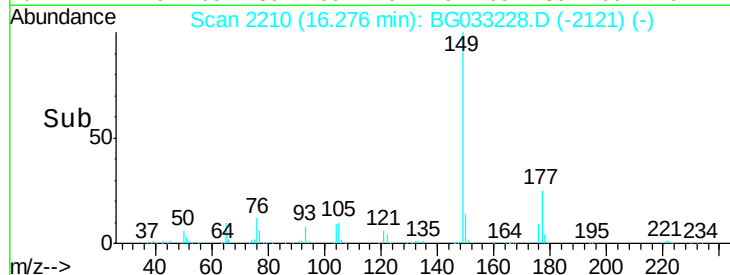
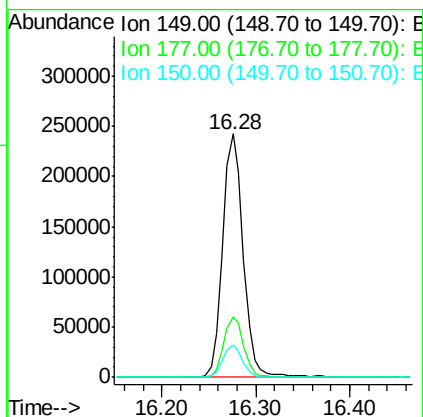
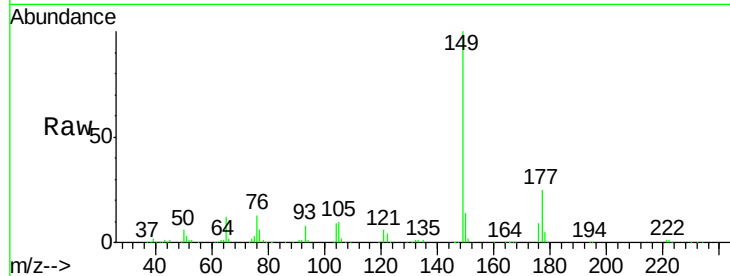
#59
Diethylphthalate
Concen: 36.584 ng
RT: 16.28 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BG033228.D
Acq: 17 Mar 2018 11:15

Instrument :
BNA_G
ClientSampleId :
PB107416BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	368988		
177	25.1	18.5	27.7	
150	13.6	10.2	15.2	

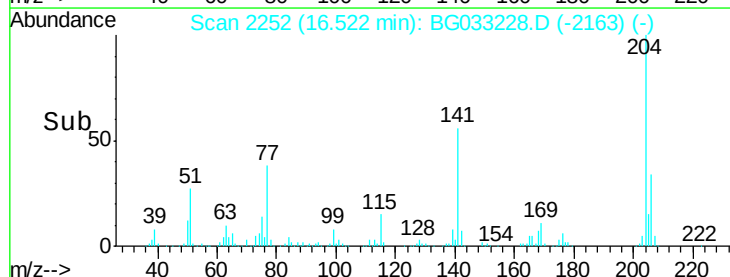
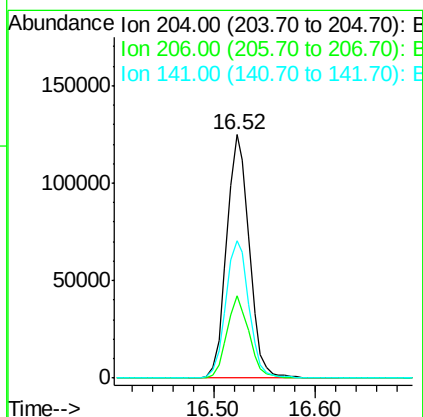
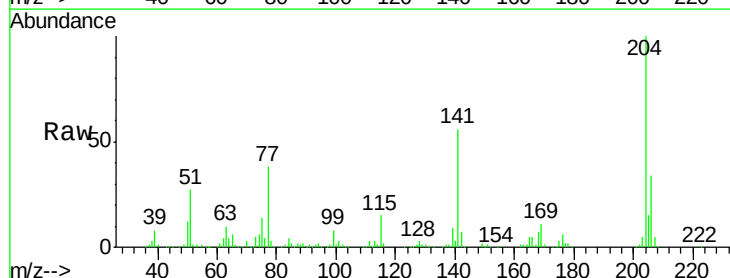
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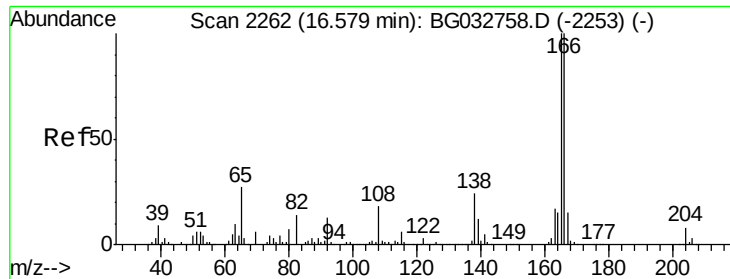
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#60
4-Chlorophenyl-phenylether
Concen: 44.892 ng
RT: 16.52 min Scan# 2252
Delta R.T. -0.01 min
Lab File: BG033228.D
Acq: 17 Mar 2018 11:15

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	193453		
206	33.6	26.2	39.2	
141	56.4	45.8	68.6	





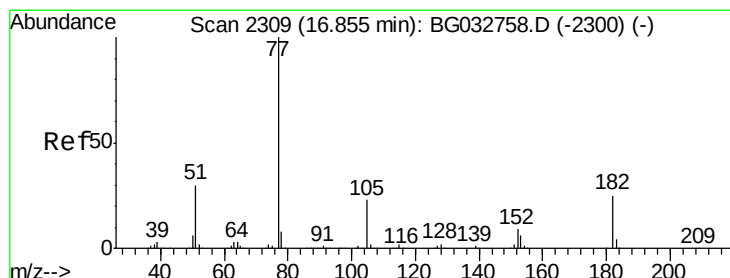
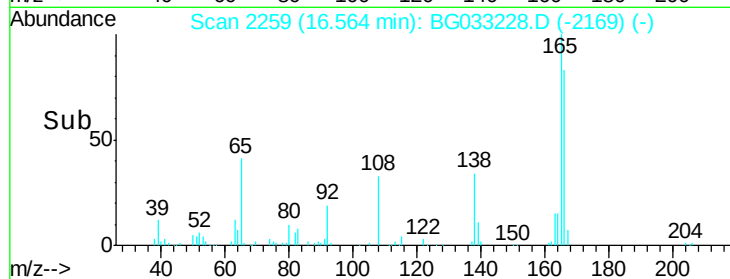
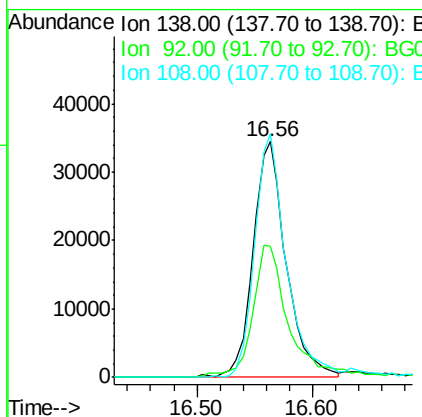
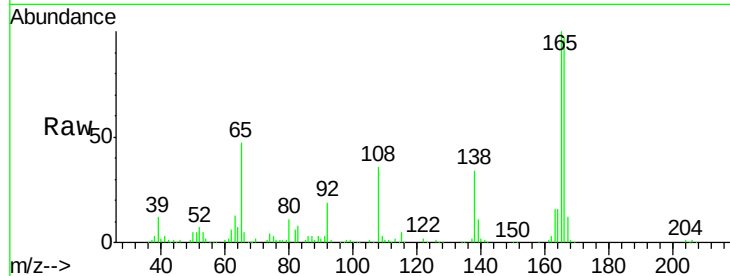
#61
4-Nitroaniline
Concen: 34.873 ng
RT: 16.56 min Scan# 2259
Delta R.T. 0.00 min
Lab File: BG033228.D
Acq: 17 Mar 2018 11:15

Instrument :
BNA_G
ClientSampleId :
PB107416BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	55.6	40.1	80.1
108	103.4	65.4	105.4

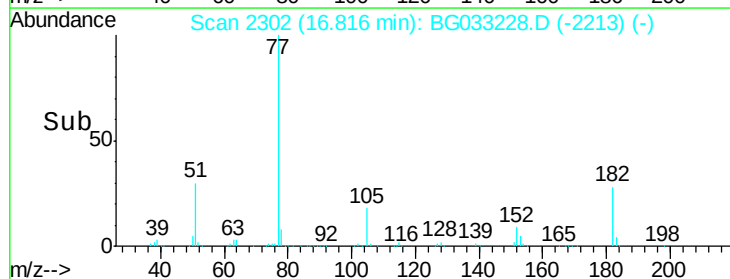
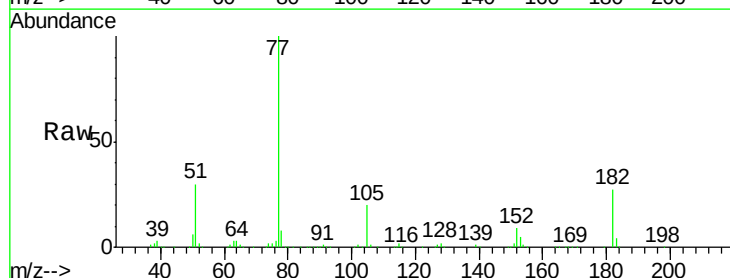
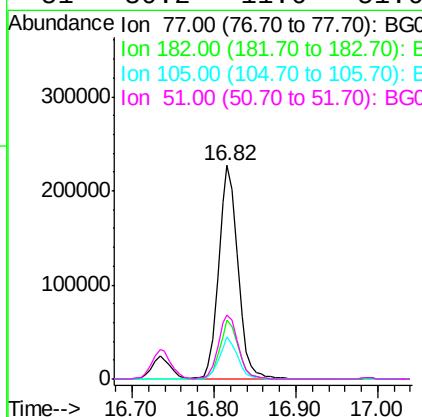
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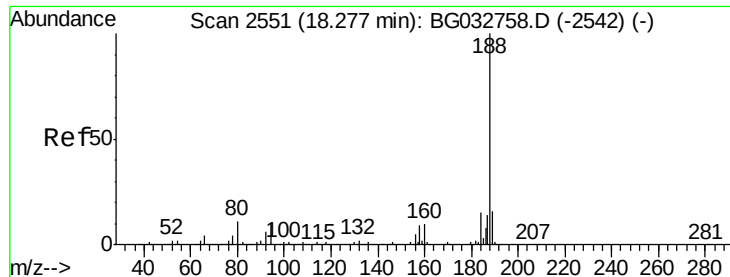
Sohil
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#62
Azobenzene
Concen: 41.050 ng
RT: 16.82 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BG033228.D
Acq: 17 Mar 2018 11:15

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.5	7.4	47.4
105	19.7	0.3	40.3
51	30.2	11.6	51.6





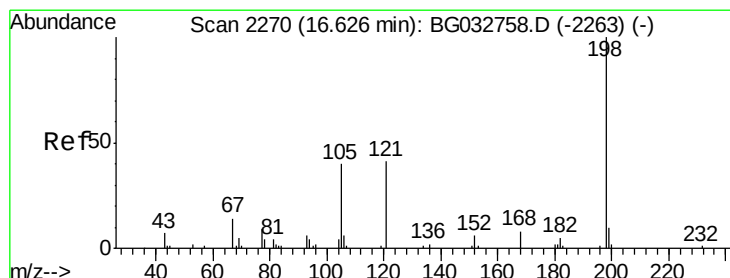
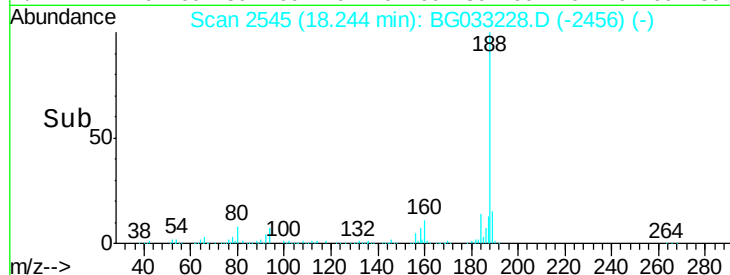
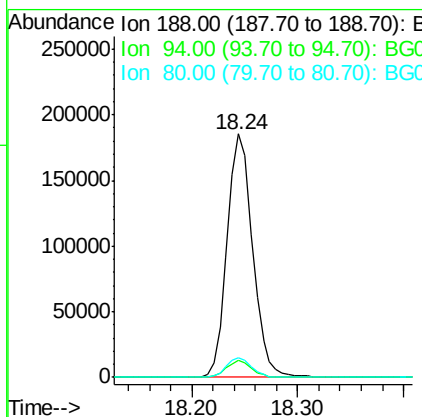
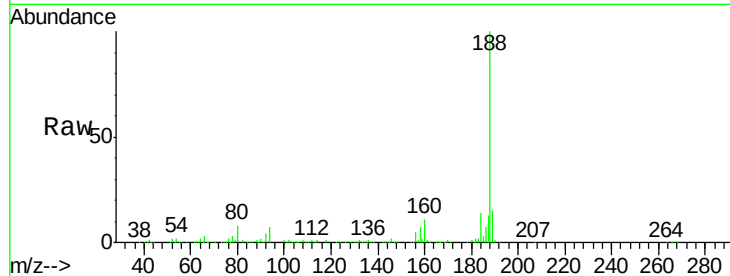
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.24 min Scan# 2545
Delta R.T. -0.01 min
Lab File: BG033228.D
Acq: 17 Mar 2018 11:15

Instrument :
BNA_G
ClientSampleId :
PB107416BS

Tot Ion:188	Resp:	309941
Ion Ratio	Lower	Upper
188 100		
94 6.9	6.9	10.3
80 8.3	7.7	11.5

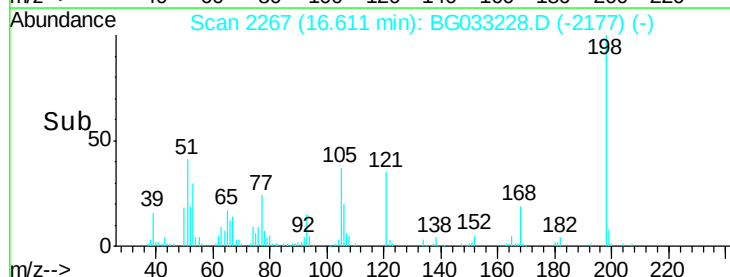
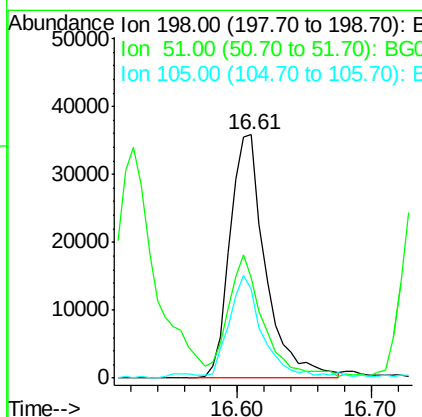
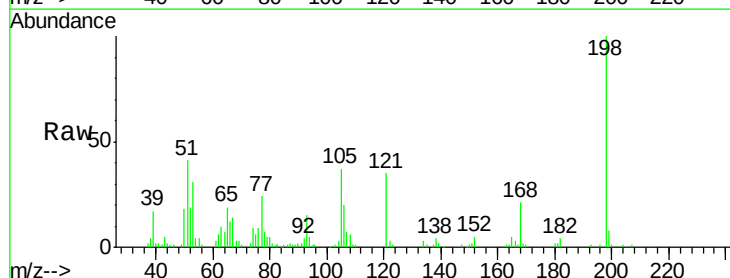
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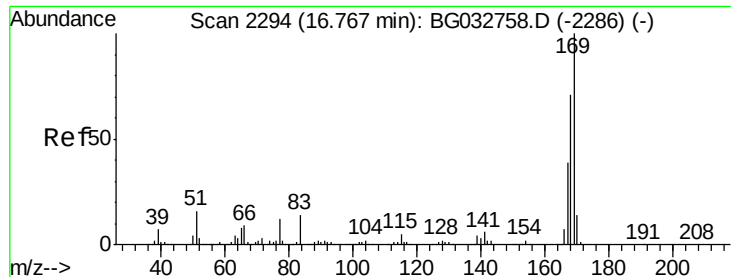
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 64.952 ng
RT: 16.61 min Scan# 2267
Delta R.T. 0.00 min
Lab File: BG033228.D
Acq: 17 Mar 2018 11:15

Tgt Ion:198	Resp:	66964
Ion Ratio	Lower	Upper
198 100		
51 41.1	30.6	70.6
105 36.6	23.8	63.8





#65

n-Nitrosodiphenylamine

Concen: 32.335 ng

RT: 16.73 min Scan# 2288

Delta R.T. -0.01 min

Lab File: BG033228.D

Acq: 17 Mar 2018 11:15

Instrument :

BNA_G

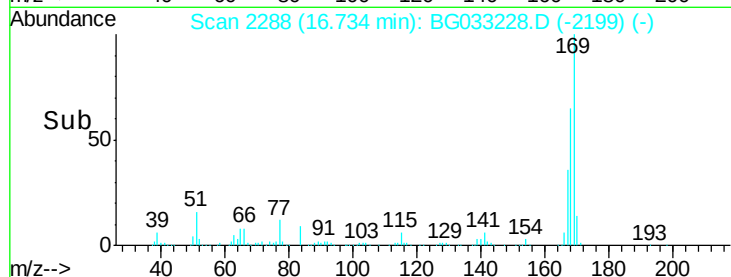
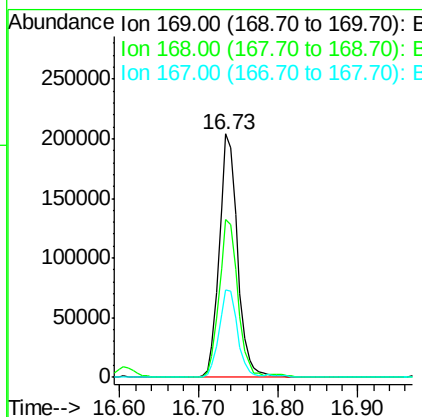
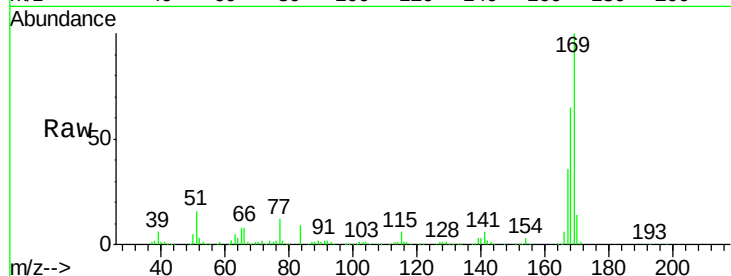
ClientSampleId :

PB107416BS

Tot Ion:	169	Resp:	326024
Ion Ratio	Lower	Upper	
169	100		
168	64.8	55.7	83.5
167	35.8	30.1	45.1

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#66

4-Bromophenyl-phenylether

Concen: 40.725 ng

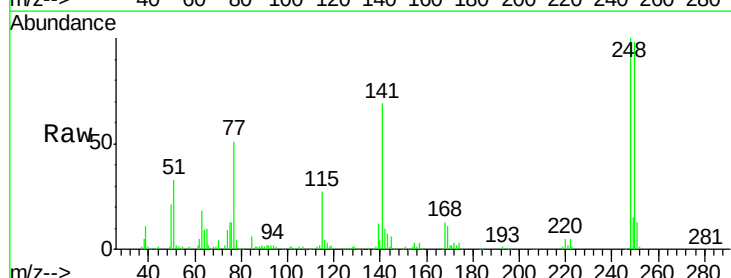
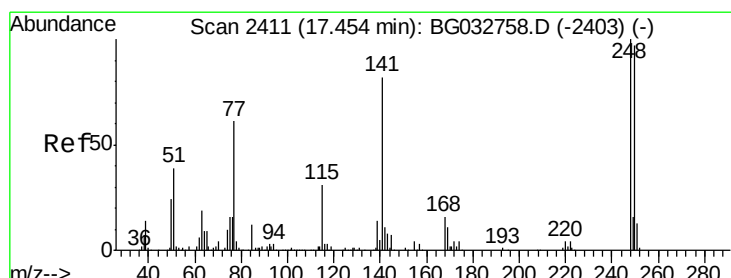
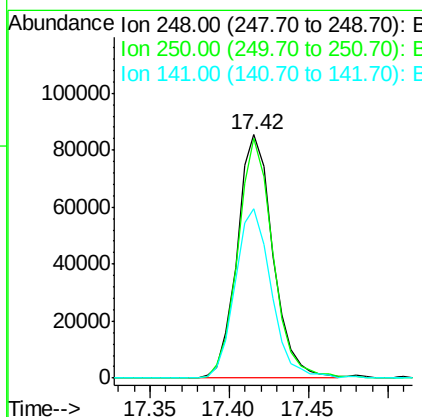
RT: 17.42 min Scan# 2404

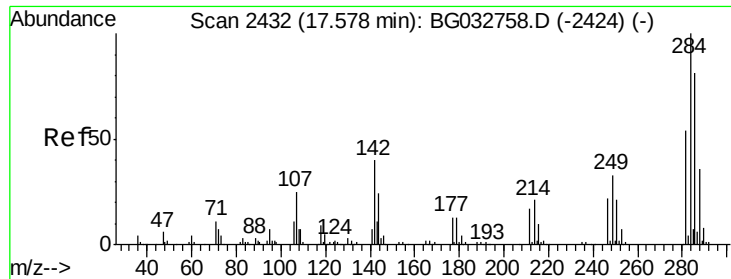
Delta R.T. -0.01 min

Lab File: BG033228.D

Acq: 17 Mar 2018 11:15

Tgt Ion:	248	Resp:	133467
Ion Ratio	Lower	Upper	
248	100		
250	98.4	77.1	115.7
141	69.4	50.8	76.2





#67

Hexachlorobenzene

Concen: 38.123 ng

RT: 17.54 min Scan# 2426

Delta R.T. -0.01 min

Lab File: BG033228.D

Acq: 17 Mar 2018 11:15

Instrument :

BNA_G

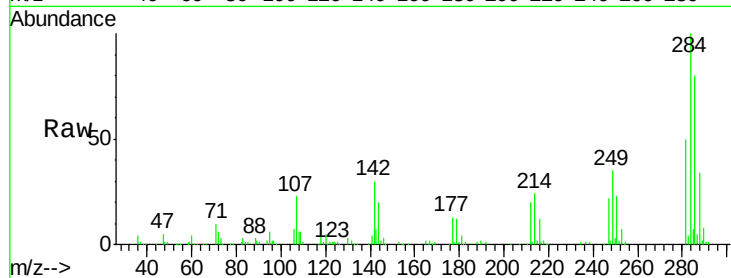
ClientSampleId :

PB107416BS

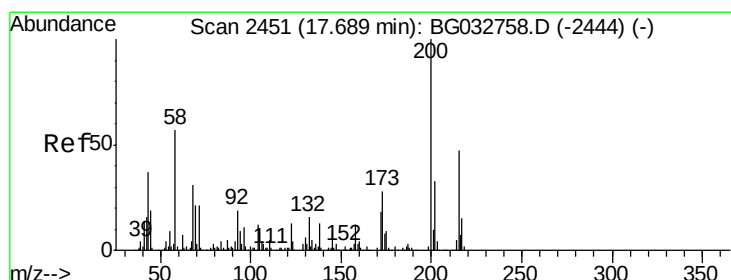
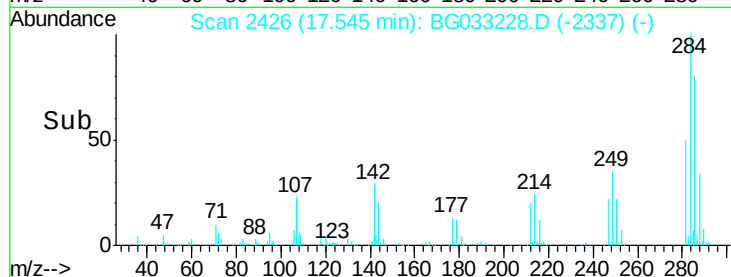
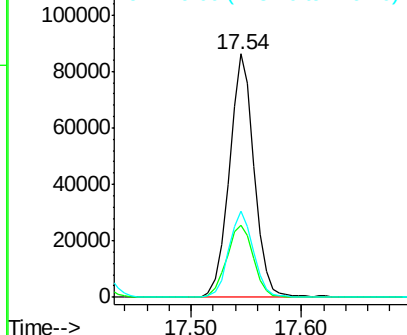
Tot Ion:	284	Resp:	135017
Ion Ratio		Lower	Upper
284	100		
142	29.7	26.8	40.2
249	35.4	26.3	39.5

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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: 40.616 ng

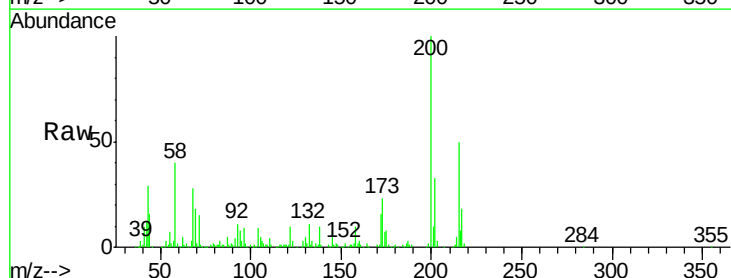
RT: 17.66 min Scan# 2445

Delta R.T. -0.01 min

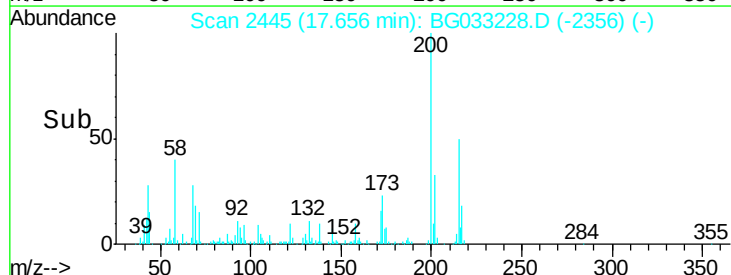
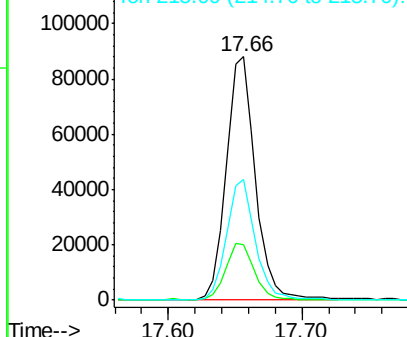
Lab File: BG033228.D

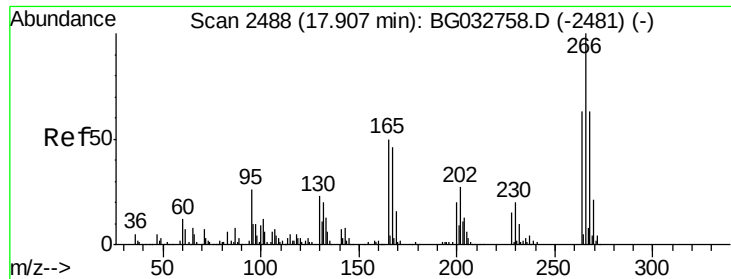
Acq: 17 Mar 2018 11:15

Tgt Ion:	200	Resp:	134799
Ion Ratio		Lower	Upper
200	100		
173	23.0	5.2	45.2
215	49.6	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





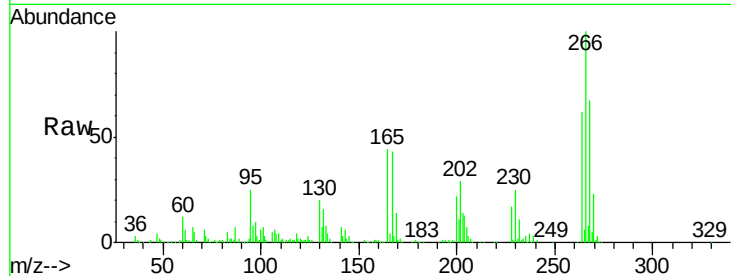
#69
 Pentachlorophenol
 Concen: 86.479 ng
 RT: 17.88 min Scan# 2483
 Delta R.T. -0.01 min
 Lab File: BG033228.D
 Acq: 17 Mar 2018 11:15

Instrument :
 BNA_G
 ClientSampleId :
 PB107416BS

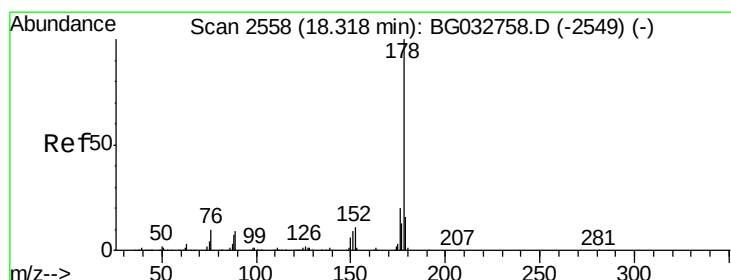
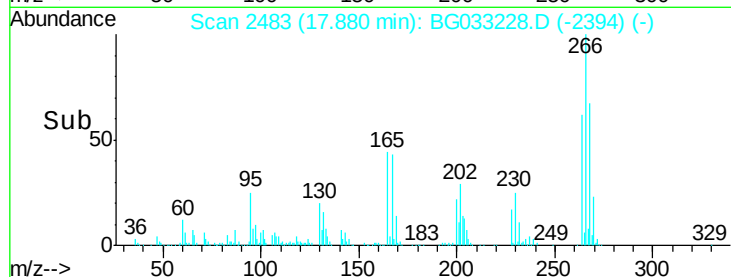
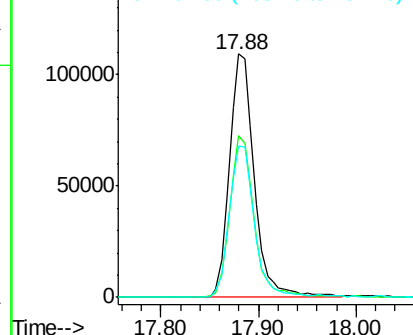
Tot Ion	Ratio	Resp	Lower	Upper
266	100	192919		
268	66.6	51.1	76.7	
264	62.0	49.6	74.4	

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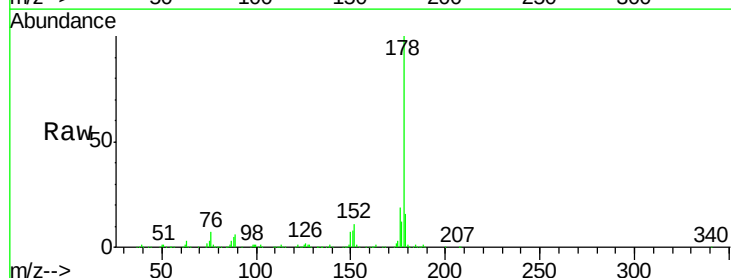


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

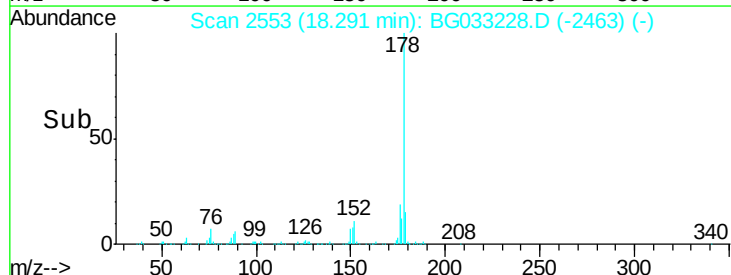
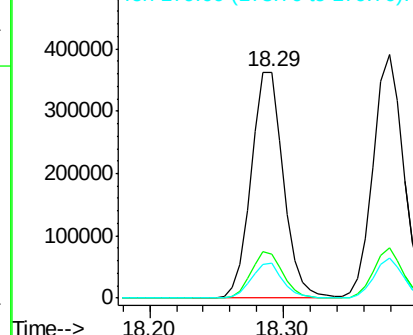


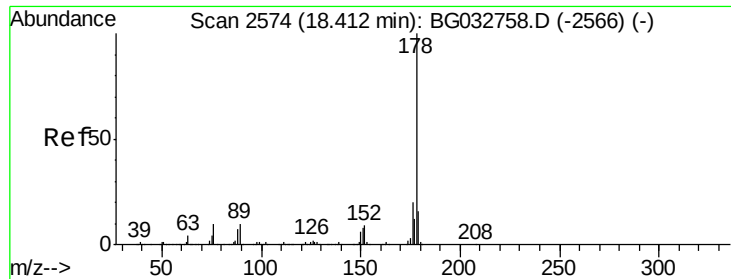
#70
 Phenanthrene
 Concen: 34.902 ng
 RT: 18.29 min Scan# 2553
 Delta R.T. 0.00 min
 Lab File: BG033228.D
 Acq: 17 Mar 2018 11:15

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	603514		
176	19.2	15.7	23.5	
179	15.6	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





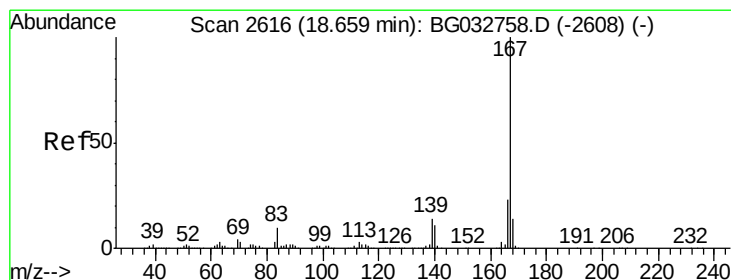
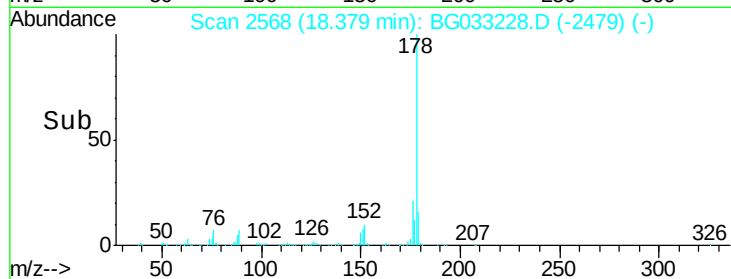
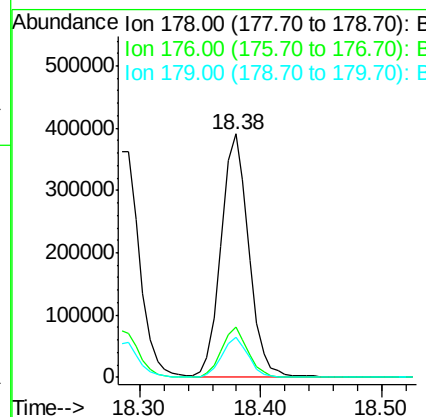
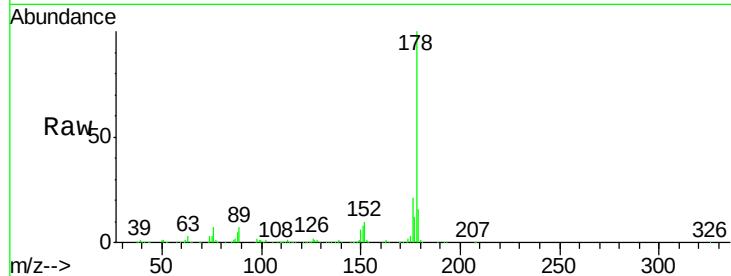
#71
 Anthracene
 Concen: 35.541 ng
 RT: 18.38 min Scan# 2568
 Delta R.T. -0.01 min
 Lab File: BG033228.D
 Acq: 17 Mar 2018 11:15

Instrument :
 BNA_G
 ClientSampleId :
 PB107416BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.7	16.0	24.0
179	16.3	12.5	18.7

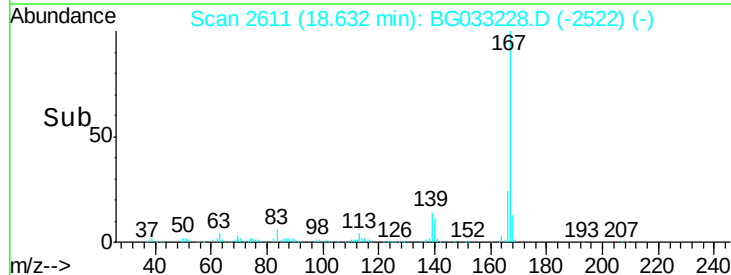
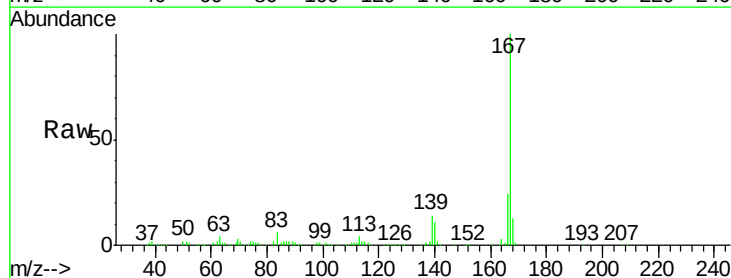
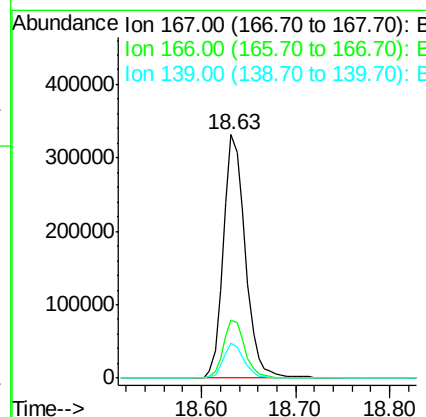
Manual Integrations
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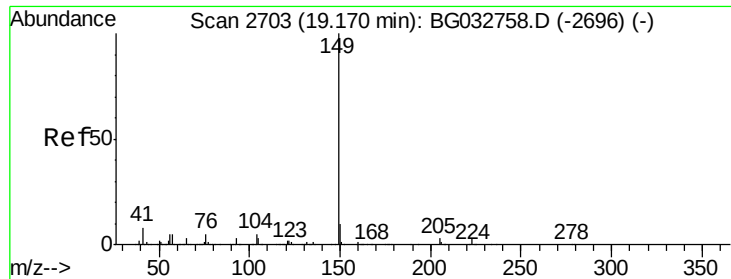
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#72
 Carbazole
 Concen: 31.568 ng
 RT: 18.63 min Scan# 2611
 Delta R.T. -0.01 min
 Lab File: BG033228.D
 Acq: 17 Mar 2018 11:15

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.6	18.2	27.4
139	14.3	9.4	14.2#





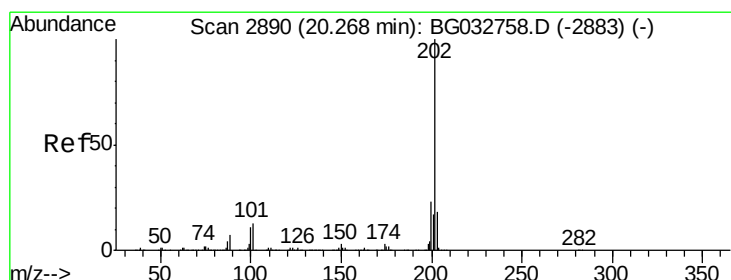
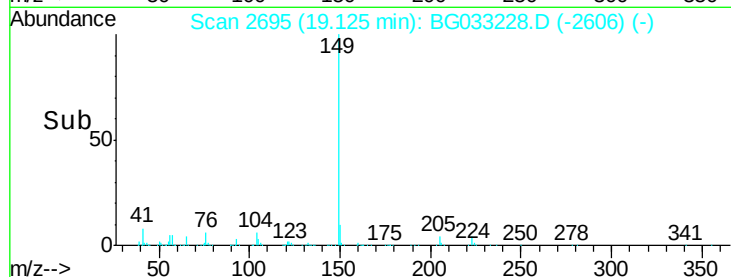
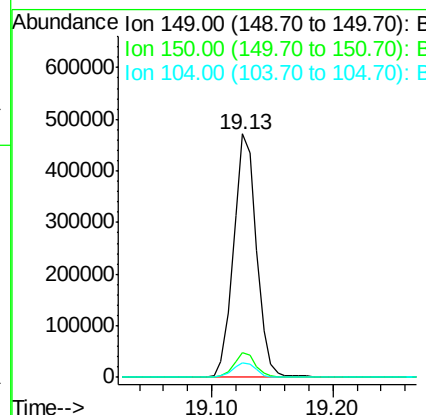
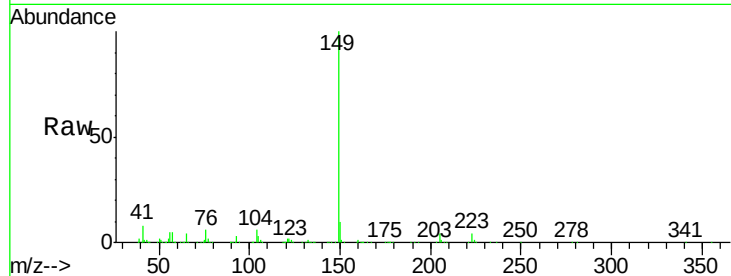
#73
Di-n-butylphthalate
Concen: 29.737 ng
RT: 19.13 min Scan# 2695
Delta R.T. -0.01 min
Lab File: BG033228.D
Acq: 17 Mar 2018 11:15

Instrument :
BNA_G
ClientSampleId :
PB107416BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	10.3	7.8	11.6
104	6.0	3.9	5.9

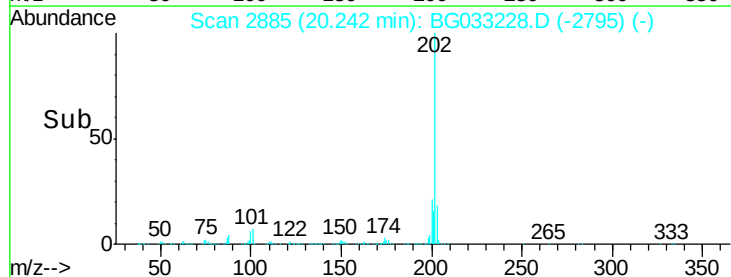
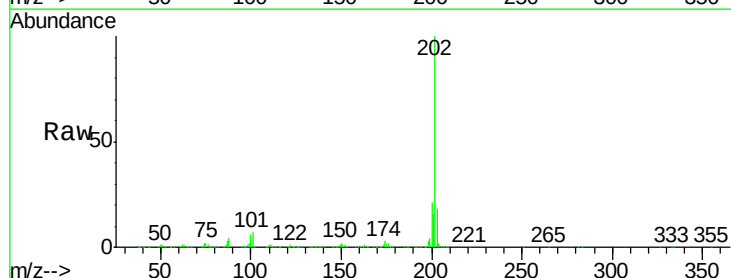
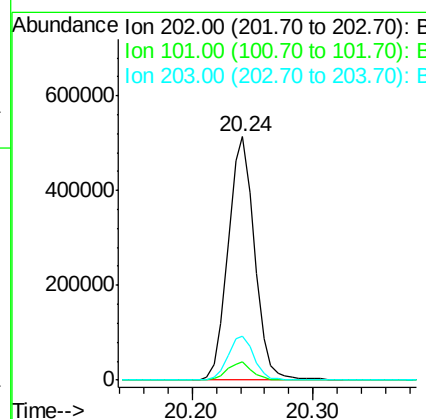
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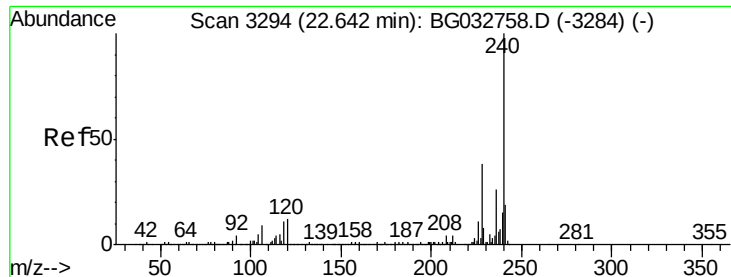
Sohil
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#74
Fluoranthene
Concen: 40.561 ng
RT: 20.24 min Scan# 2885
Delta R.T. 0.00 min
Lab File: BG033228.D
Acq: 17 Mar 2018 11:15

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.3	0.0	28.9
203	18.1	0.0	37.5





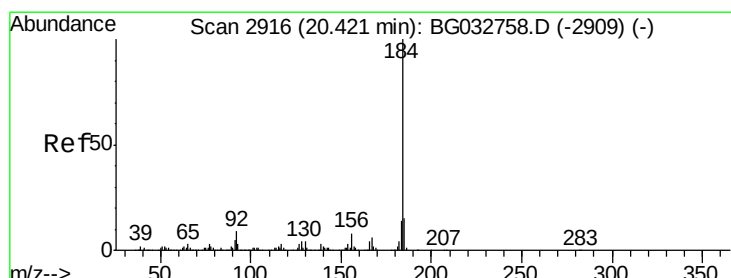
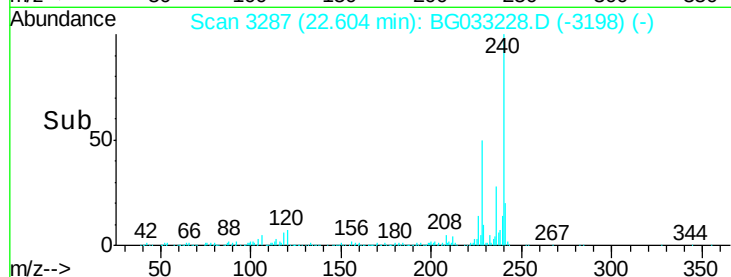
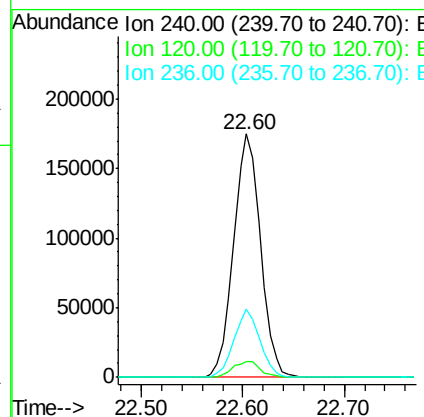
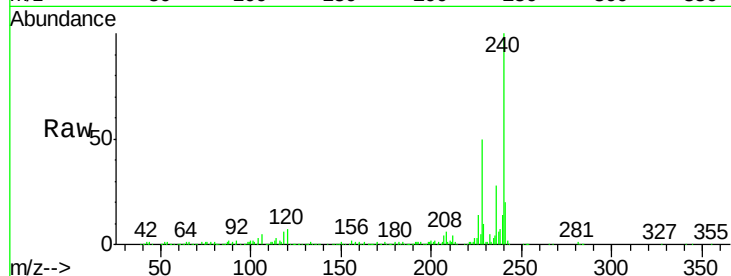
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.60 min Scan# 3287
Delta R.T. -0.00 min
Lab File: BG033228.D
Acq: 17 Mar 2018 11:15

Instrument :
BNA_G
ClientSampleId :
PB107416BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	6.6	6.8	10.2#
236	27.8	20.9	31.3

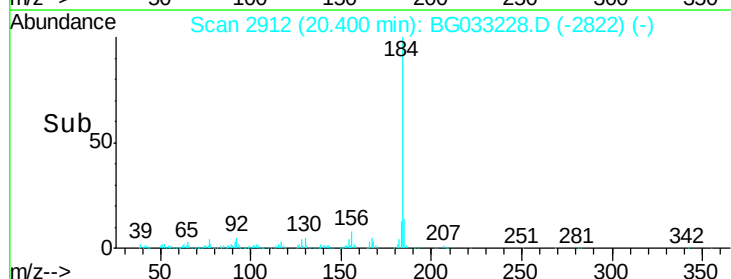
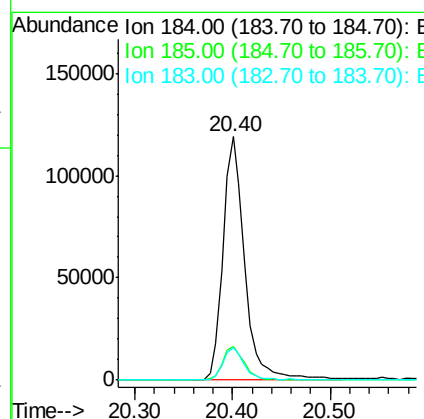
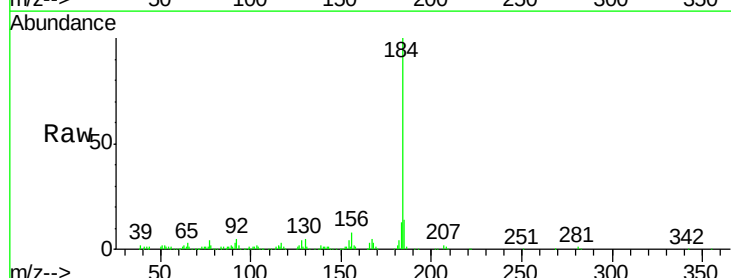
Manual Integrations
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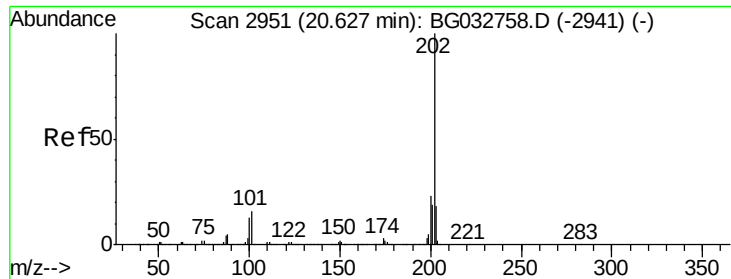
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#76
Benzidine
Concen: 16.769 ng
RT: 20.40 min Scan# 2912
Delta R.T. 0.00 min
Lab File: BG033228.D
Acq: 17 Mar 2018 11:15

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.8	11.1	16.7
183	13.1	10.6	16.0





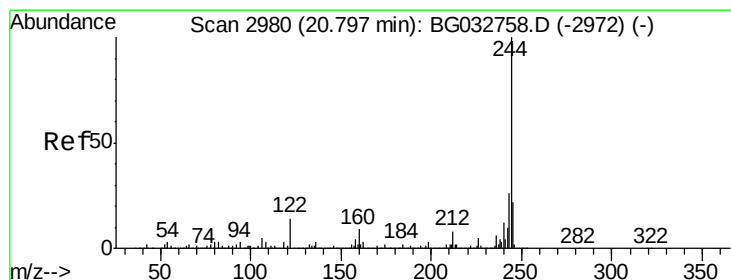
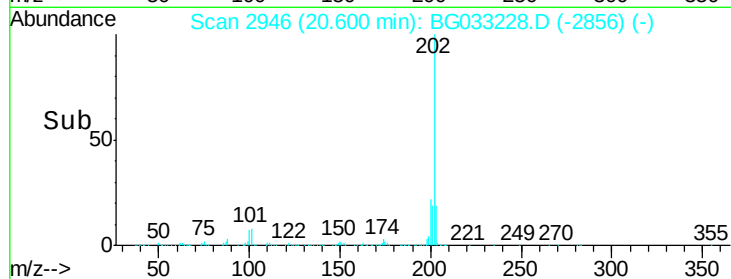
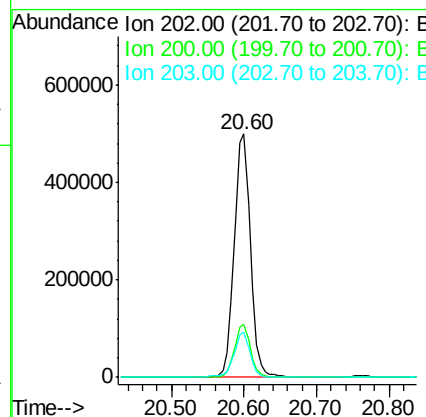
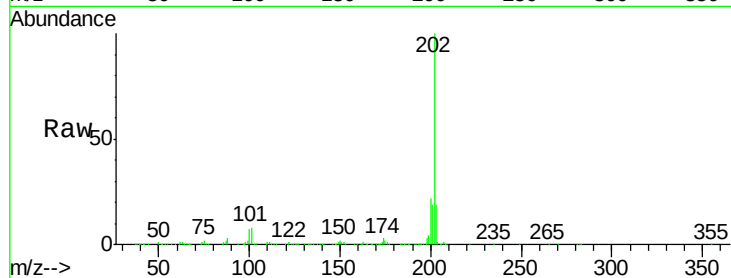
#77
Pvrene
Concen: 34.437 ng
RT: 20.60 min Scan# 2946
Delta R.T. 0.00 min
Lab File: BG033228.D
Acq: 17 Mar 2018 11:15

Instrument :
BNA_G
ClientSampleId :
PB107416BS

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	21.5	16.9	25.3
203	18.6	13.9	20.9

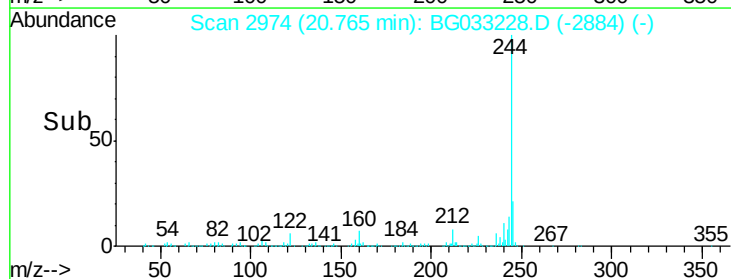
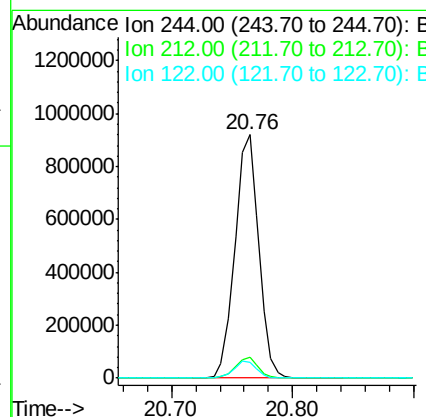
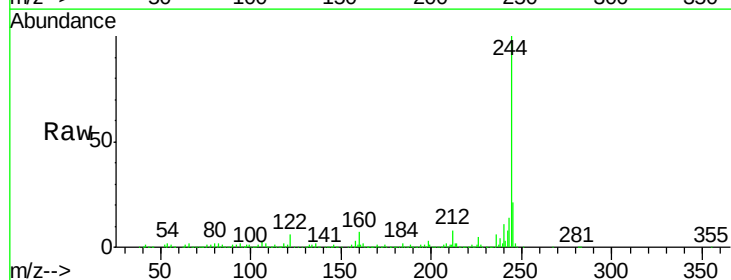
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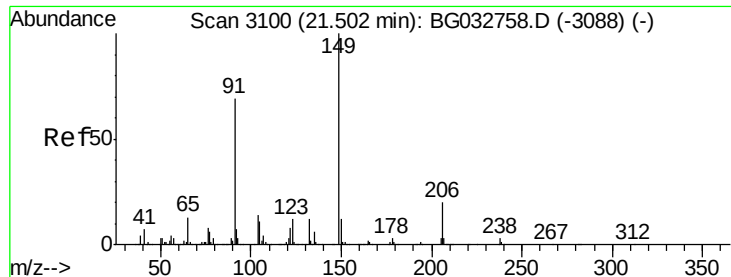
Sohil
3/19/2018 2:21:33 PM



#78
Terphenyl-d14
Concen: 88.194 ng
RT: 20.76 min Scan# 2974
Delta R.T. 0.00 min
Lab File: BG033228.D
Acq: 17 Mar 2018 11:15

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	8.4	5.8	8.8
122	6.4	7.0	10.4





#79

Butylbenzylphthalate

Concen: 28.941 ng

RT: 21.46 min Scan# 3092

Delta R.T. 0.00 min

Lab File: BG033228.D

Acq: 17 Mar 2018 11:15

Instrument :

BNA_G

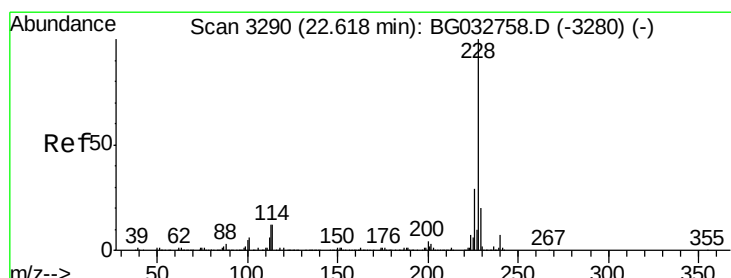
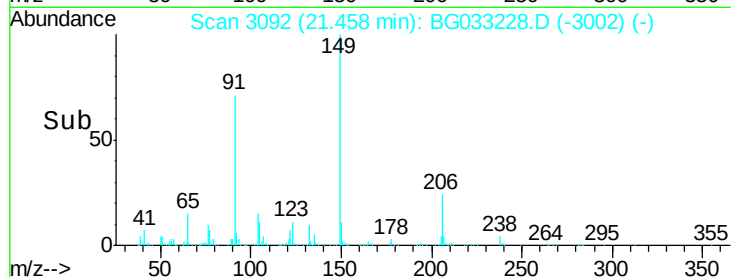
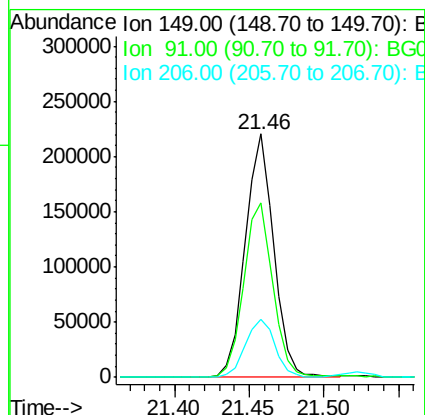
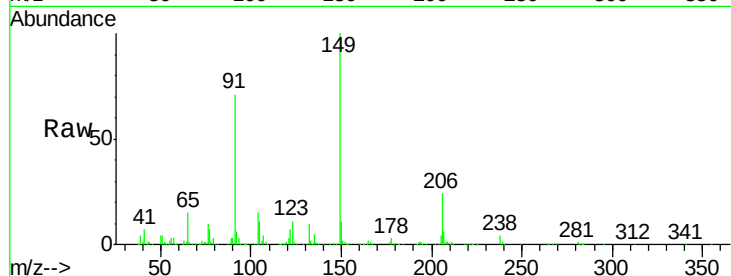
ClientSampleId :

PB107416BS

Tot Ion:	149	Resp:	291398
Ion Ratio	Lower	Upper	
149	100		
91	71.5	62.2	93.2
206	23.8	18.6	27.8

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#80

Benzo(a)anthracene

Concen: 37.503 ng

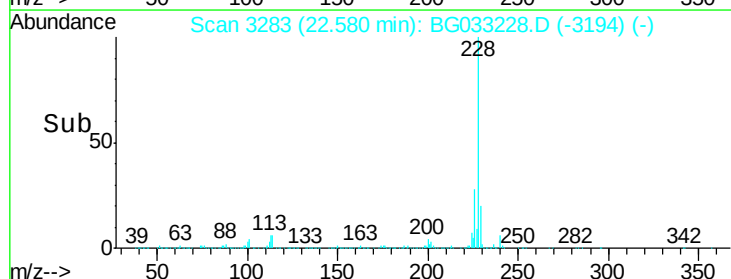
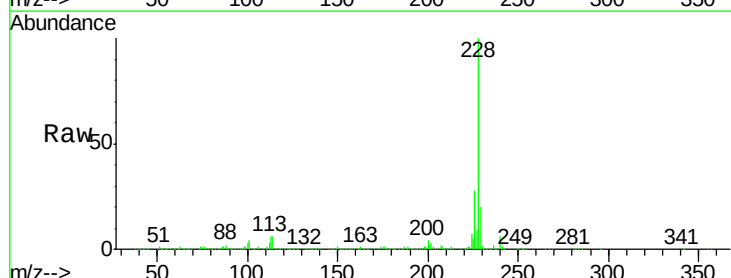
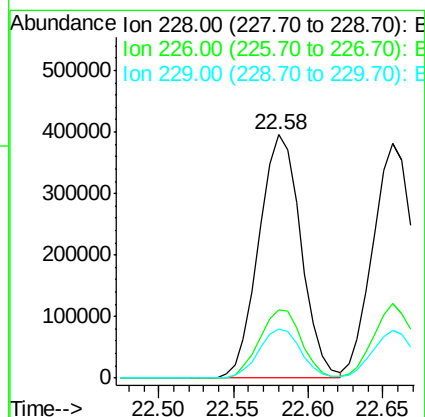
RT: 22.58 min Scan# 3283

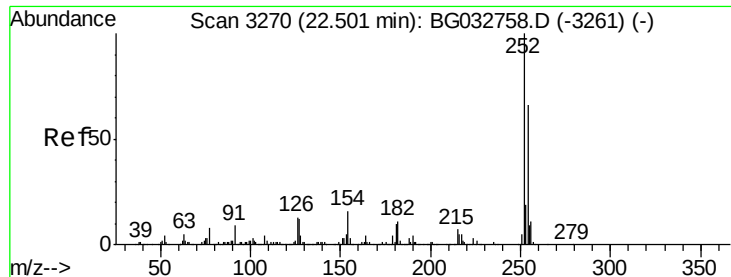
Delta R.T. -0.00 min

Lab File: BG033228.D

Acq: 17 Mar 2018 11:15

Tgt Ion:	228	Resp:	774429
Ion Ratio	Lower	Upper	
228	100		
226	28.3	22.7	34.1
229	20.4	16.2	24.2





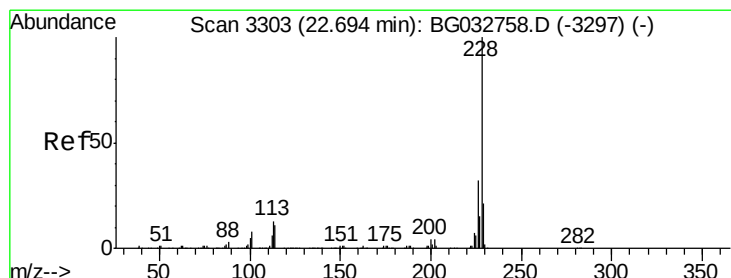
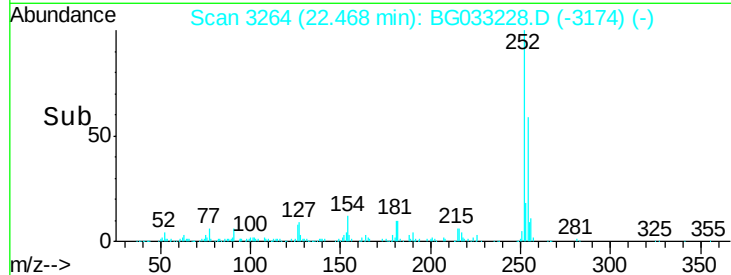
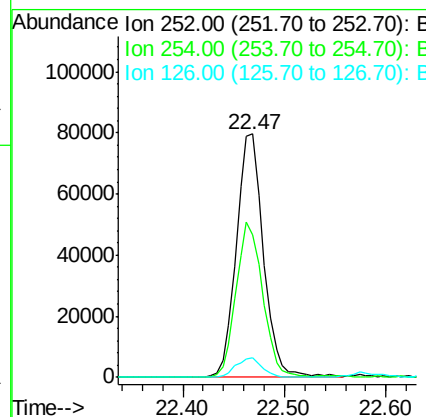
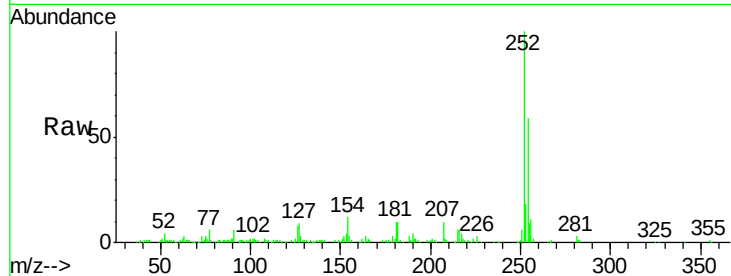
#81
 3,3'-Dichlorobenzidine
 Concen: 19.352 ng
 RT: 22.47 min Scan# 3264
 Delta R.T. 0.00 min
 Lab File: BG033228.D
 Acq: 17 Mar 2018 11:15

Instrument :
 BNA_G
 ClientSampleId :
 PB107416BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	58.7	50.8	76.2
126	7.9	7.4	11.2

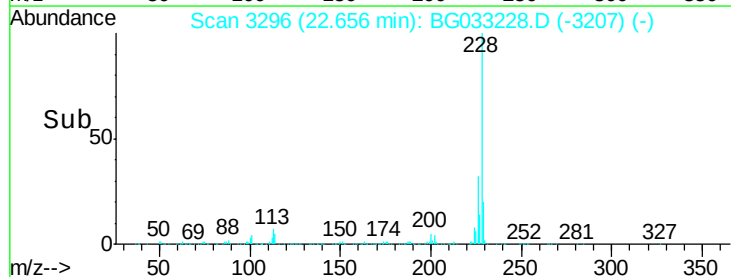
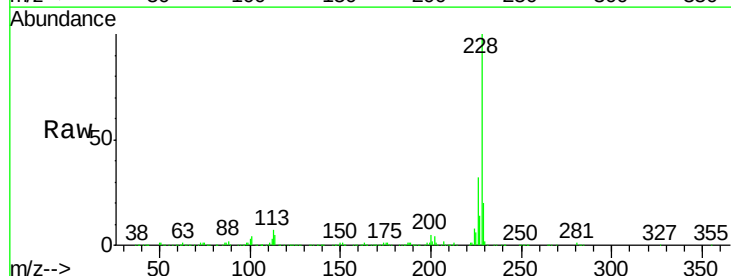
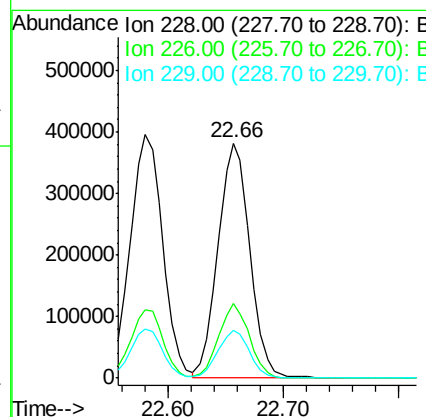
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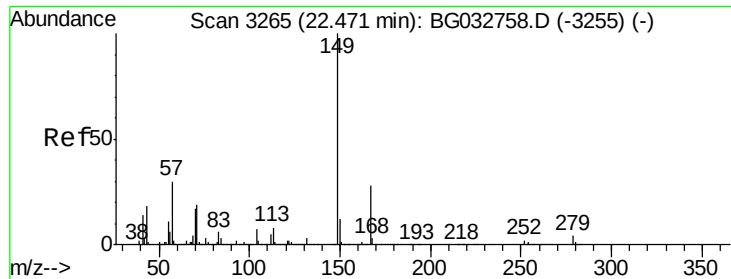
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#82
 Chrysene
 Concen: 36.710 ng
 RT: 22.66 min Scan# 3296
 Delta R.T. -0.00 min
 Lab File: BG033228.D
 Acq: 17 Mar 2018 11:15

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.9	37.3
229	20.3	15.0	22.4





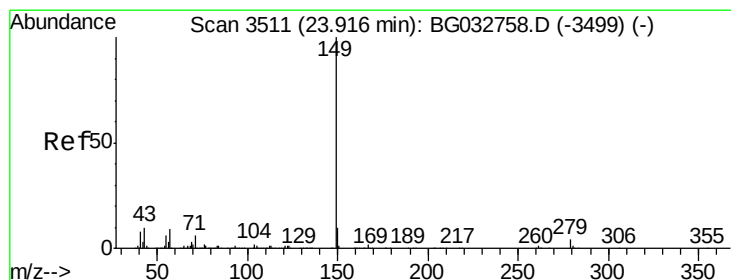
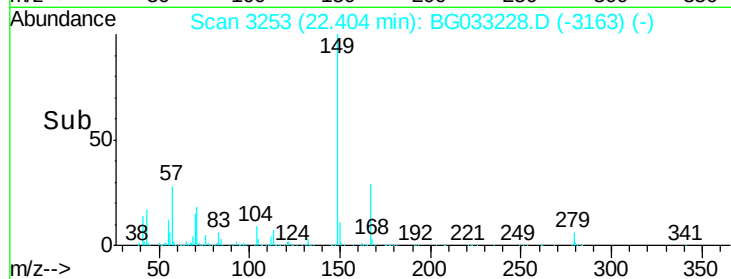
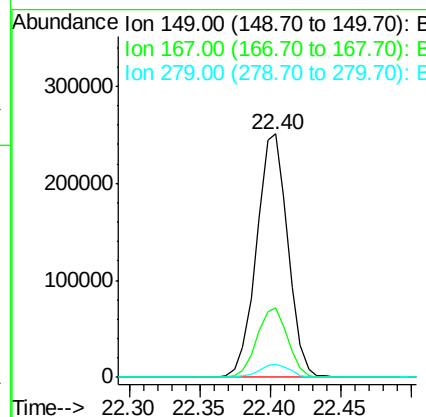
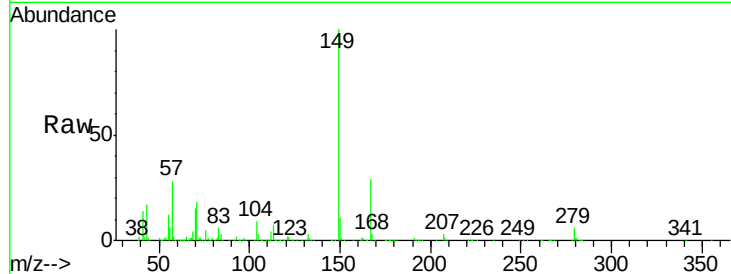
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 26.263 ng
 RT: 22.40 min Scan# 3253
 Delta R.T. 0.00 min
 Lab File: BG033228.D
 Acq: 17 Mar 2018 11:15

Instrument :
 BNA_G
 ClientSampleId :
 PB107416BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	28.8	24.3	36.5
279	5.7	4.0	6.0

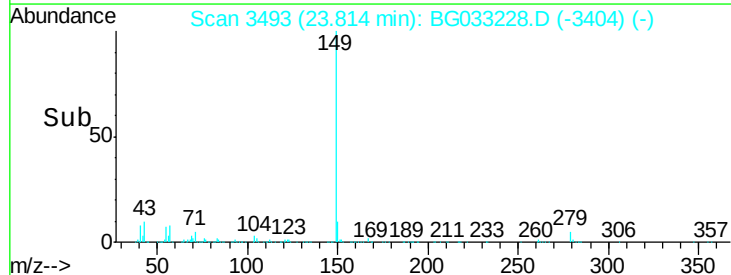
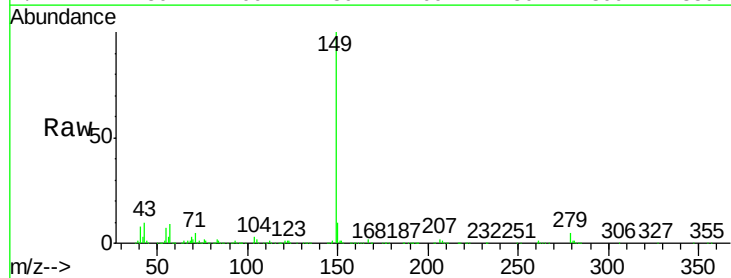
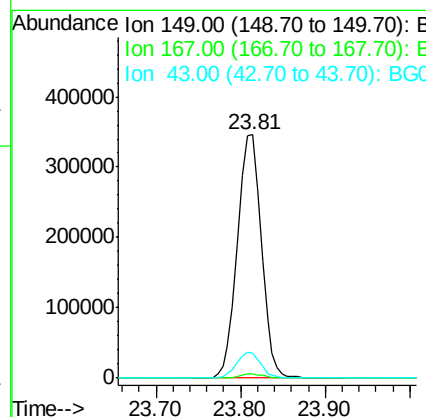
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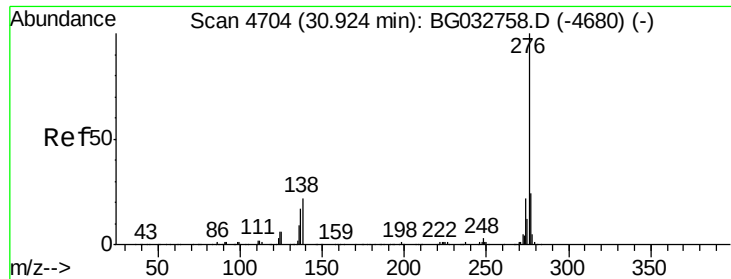
Sohil
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#84
 Di-n-octyl phthalate
 Concen: 29.817 ng
 RT: 23.81 min Scan# 3493
 Delta R.T. -0.00 min
 Lab File: BG033228.D
 Acq: 17 Mar 2018 11:15

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	10.4	8.9	13.3





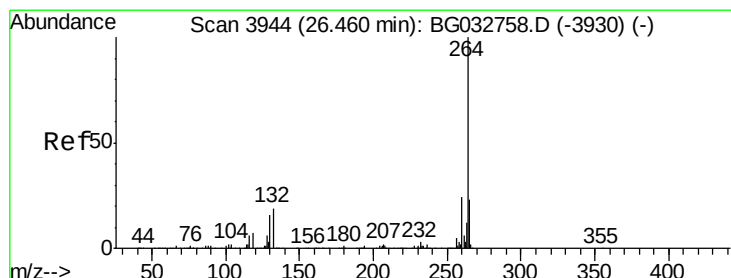
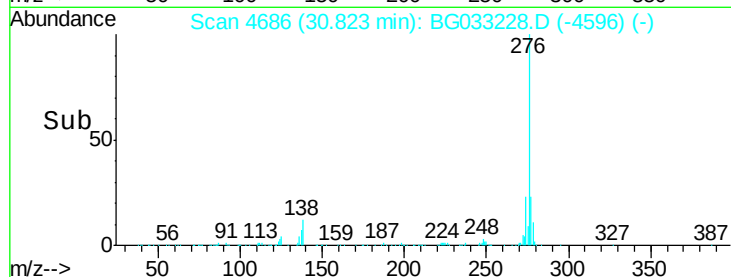
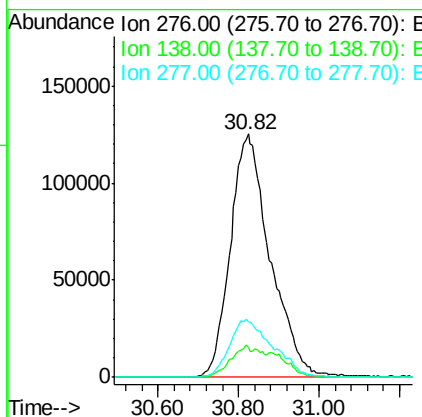
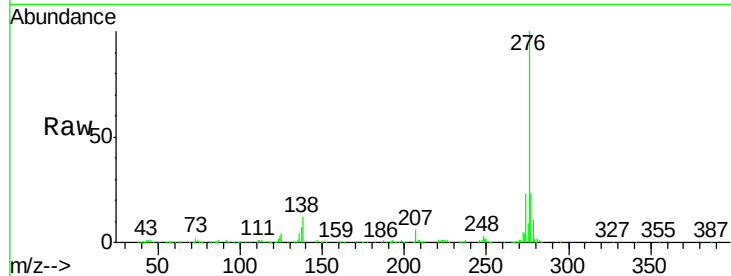
#85
Indeno(1,2,3-cd)pyrene
Concen: 37.332 ng
RT: 30.82 min Scan# 4686
Delta R.T. -0.00 min
Lab File: BG033228.D
Acq: 17 Mar 2018 11:15

Instrument :
BNA_G
ClientSampleId :
PB107416BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	7.0	16.0	24.0#
277	25.7	20.0	30.0

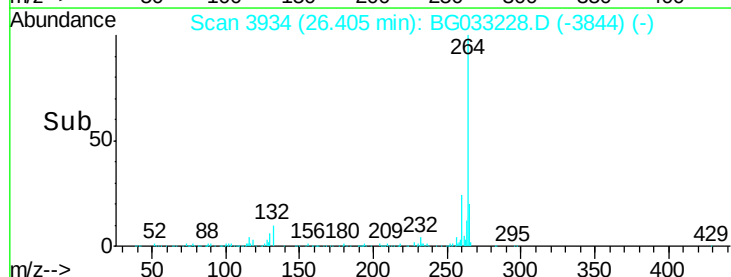
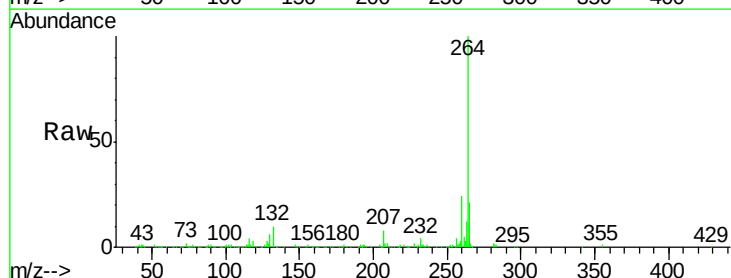
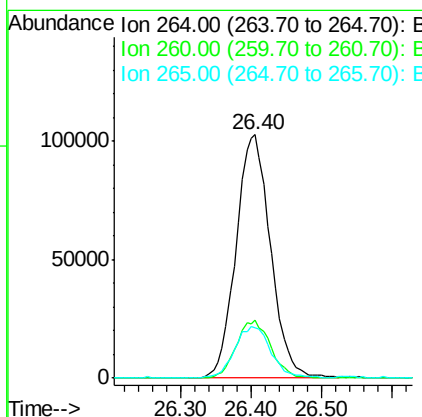
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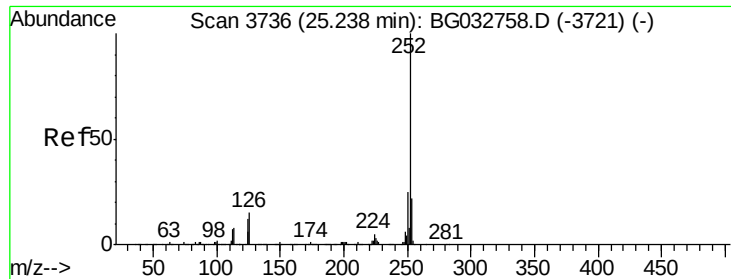
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 26.40 min Scan# 3934
Delta R.T. -0.00 min
Lab File: BG033228.D
Acq: 17 Mar 2018 11:15

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.4	26.0
265	20.7	17.7	26.5





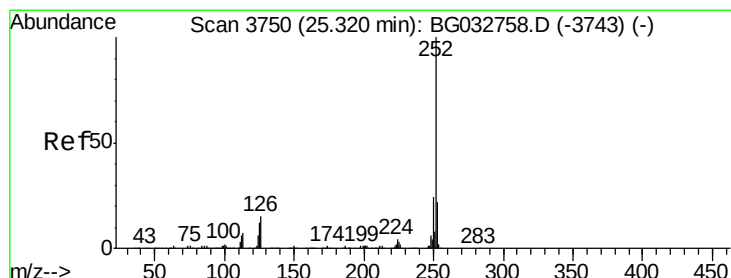
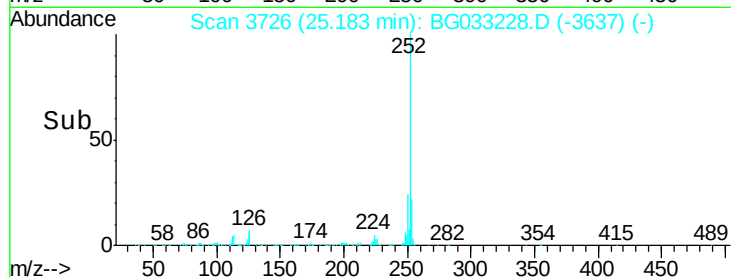
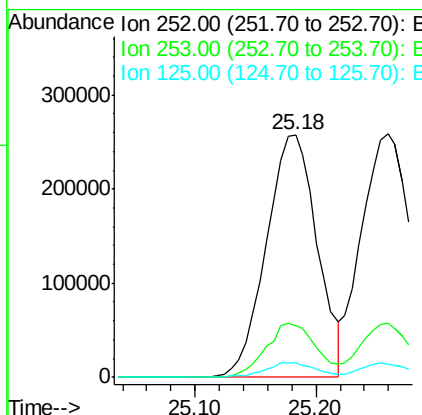
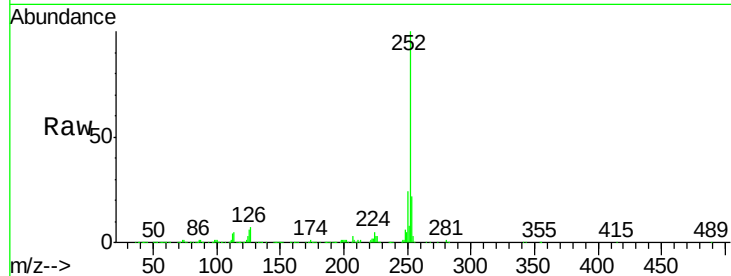
#87
Benzo(b)fluoranthene
Concen: 36.480 ng
RT: 25.18 min Scan# 3726
Delta R.T. -0.00 min
Lab File: BG033228.D
Acq: 17 Mar 2018 11:15

Instrument :
BNA_G
ClientSampleId :
PB107416BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.2	27.4
125	5.9	7.2	10.8

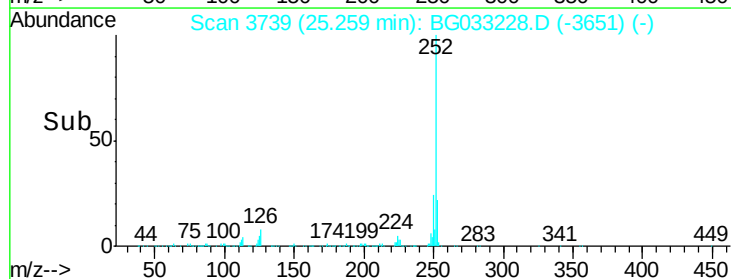
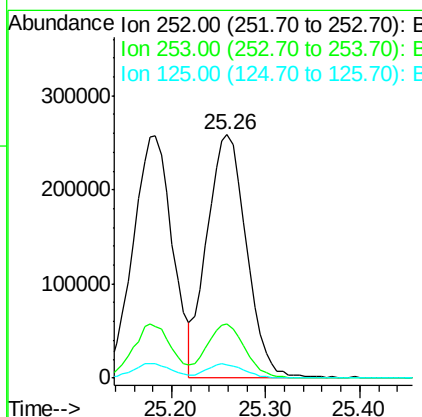
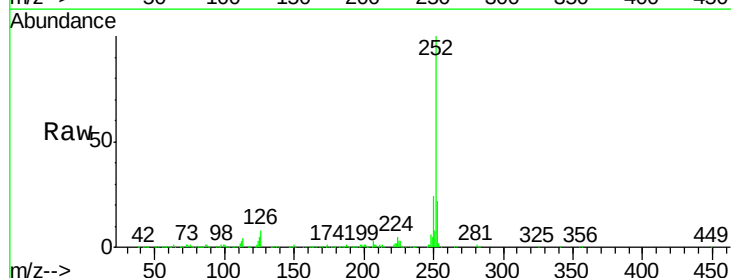
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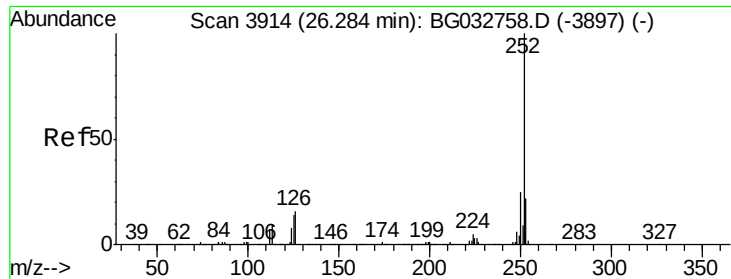
Sohil
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#88
Benzo(k)fluoranthene
Concen: 36.934 ng
RT: 25.26 min Scan# 3739
Delta R.T. -0.01 min
Lab File: BG033228.D
Acq: 17 Mar 2018 11:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.2
125	5.5	6.6	9.8





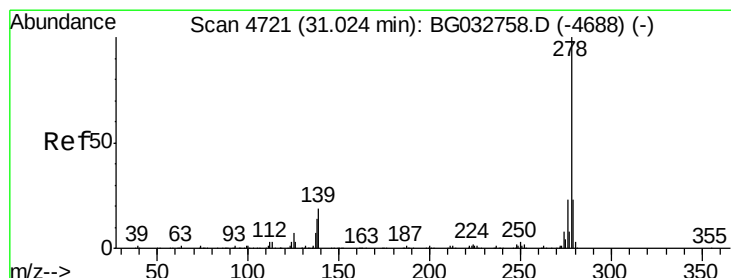
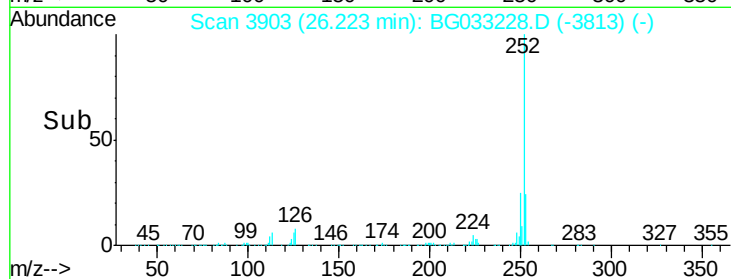
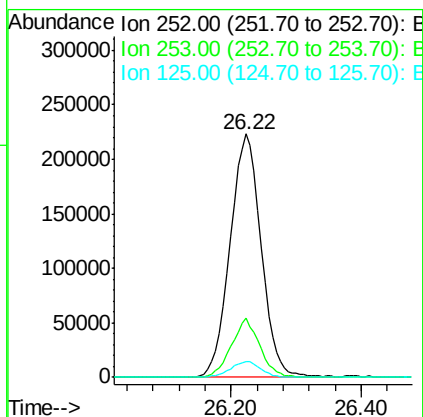
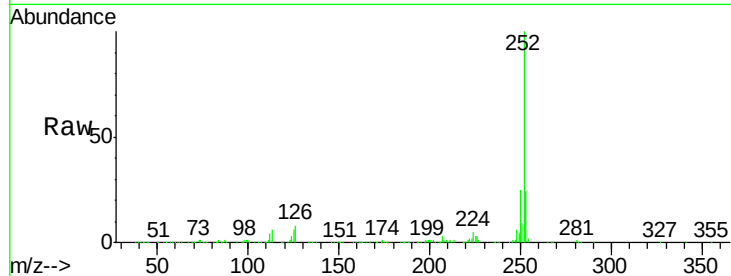
#89
Benzo(a)pyrene
Concen: 37.769 ng
RT: 26.22 min Scan# 3903
Delta R.T. -0.00 min
Lab File: BG033228.D
Acq: 17 Mar 2018 11:15

Instrument :
BNA_G
ClientSampleId :
PB107416BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.3	27.5
125	6.5	7.3	10.9#

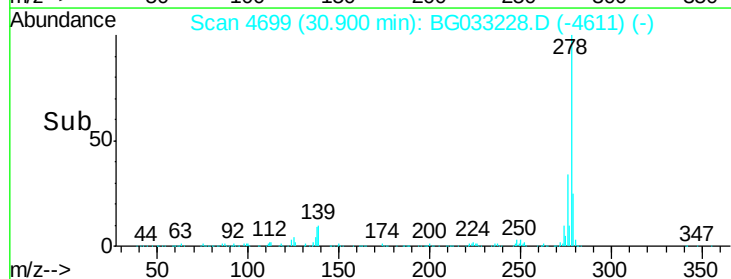
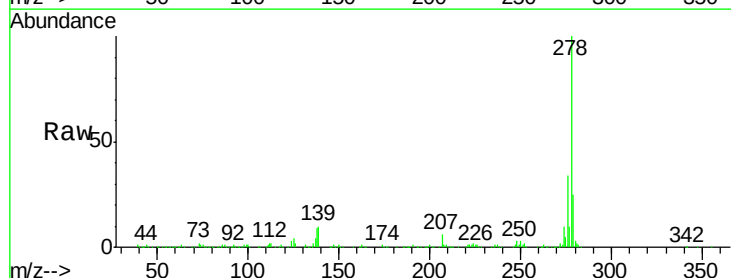
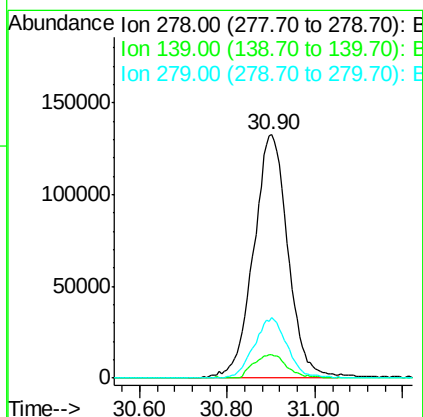
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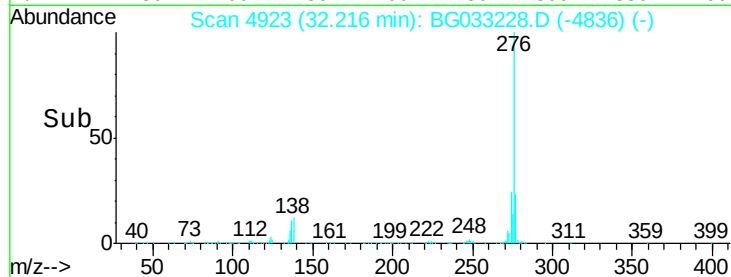
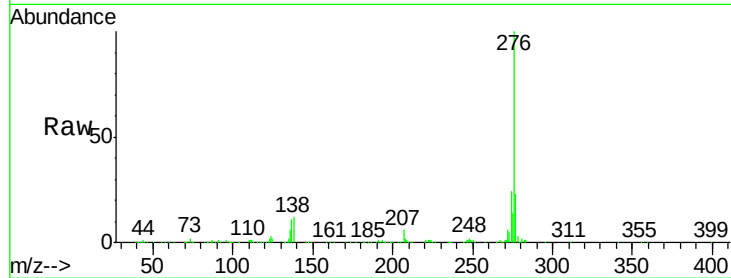
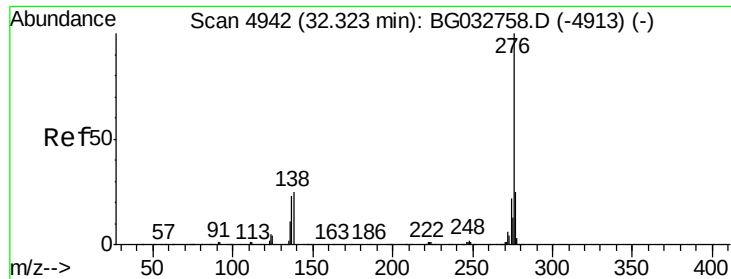
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 36.257 ng
RT: 30.90 min Scan# 4699
Delta R.T. -0.02 min
Lab File: BG033228.D
Acq: 17 Mar 2018 11:15

Tgt Ion	Ratio	Lower	Upper
278	100		
139	9.5	9.8	14.6#
279	24.9	18.4	27.6





#91

Benzo(a,h,i)perylene

Concen: 36.827 ng

RT: 32.22 min Scan# 4923

Delta R.T. -0.02 min

Lab File: BG033228.D

Acq: 17 Mar 2018 11:15

Instrument :

BNA_G

ClientSampleId :

PB107416BS

Tot Ion:	276	Resp:	714247
Ion Ratio	Lower	Upper	
276	100		
277	23.1	18.3	27.5
138	11.8	13.9	20.9

Manual Integrations
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