

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030218\
 Data File : BG032952.D
 Acq On : 2 Mar 2018 19:09
 Operator : SJ/JU
 Sample : J1774-01MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CLEAN-SAND-17MS

Manual Integrations
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Sohil
 3/5/2018 3:18:04 PM

Quant Time: Mar 02 23:57:51 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 01 17:38:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	61656	20.00	ng	0.00
21) Naphthalene-d8	11.80	136	277304	20.00	ng	0.00
38) Acenaphthene-d10	15.53	164	162104	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	356957	20.00	ng	0.00
75) Chrysene-d12	22.62	240	317925	20.00	ng	0.00
86) Perylene-d12	26.43	264	342060	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.33	112	511786	132.80	ng	0.00
7) Phenol-d6	8.01	99	683429	127.23	ng	0.00
23) Nitrobenzene-d5	10.12	82	398009	97.90	ng	0.00
41) 2,4,6-Tribromophenol	17.01	330	225339	132.20	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	828800	73.74	ng	0.00
78) Terphenyl-d14	20.78	244	1129385	79.81	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.97	88	62975	37.652	ng	91
3) Pyridine	4.42	79	167643	36.366	ng	95
4) n-Nitrosodimethylamine	4.33	42	94002	50.861	ng	# 90
6) Aniline	8.21	93	139631	19.203	ng	99
8) 2-Chlorophenol	8.46	128	190586	45.181	ng	94
9) Benzaldehyde	8.01	77	69809	22.548	ng	93
10) Phenol	8.04	94	276558	51.072	ng	95
11) bis(2-Chloroethyl)ether	8.30	93	175954	39.738	ng	95
12) 1,3-Dichlorobenzene	8.80	146	189340	38.323	ng	98
13) 1,4-Dichlorobenzene	8.95	146	191937	38.594	ng	97
14) 1,2-Dichlorobenzene	9.29	146	179956	37.761	ng	97
15) Benzyl Alcohol	9.15	79	164673	41.699	ng	90
16) 2,2'-oxybis(1-Chloropropan	9.44	45	315067	41.391	ng	99
17) 2-Methylphenol	9.35	107	168686	42.245	ng	96
18) Hexachloroethane	10.05	117	69749	41.191	ng	# 84
19) n-Nitroso-di-n-propylamine	9.73	70	143740	37.903	ng	# 91
20) 3+4-Methylphenols	9.68	107	227633	41.000	ng	94
22) Acetophenone	9.76	105	269643	38.502	ng	# 96
24) Nitrobenzene	10.16	77	201876	45.962	ng	92
25) Isophorone	10.68	82	396220	40.708	ng	# 94
26) 2-Nitrophenol	10.89	139	96664	57.691	ng	96
27) 2,4-Dimethylphenol	10.92	122	204329	48.325	ng	88
28) bis(2-Chloroethoxy)methane	11.16	93	242942	42.846	ng	95
29) 2,4-Dichlorophenol	11.43	162	179079	46.665	ng	96
30) 1,2,4-Trichlorobenzene	11.66	180	169765	37.739	ng	97
31) Naphthalene	11.86	128	571961	39.472	ng	99
32) Benzoic acid	11.02	122	108254	43.148	ng	# 81
33) 4-Chloroaniline	11.94	127	125360	19.349	ng	97
34) Hexachlorobutadiene	12.12	225	91842	36.399	ng	96
35) Caprolactam	12.69	113	72860	47.417	ng	93
36) 4-Chloro-3-methylphenol	13.00	107	213803	47.876	ng	91
37) 2-Methylnaphthalene	13.41	142	418973	39.966	ng	93
39) 1,2,4,5-Tetrachlorobenzene	13.75	216	176576	36.694	ng	# 96
40) Hexachlorocyclopentadiene	13.73	237	208729	85.111	ng	92

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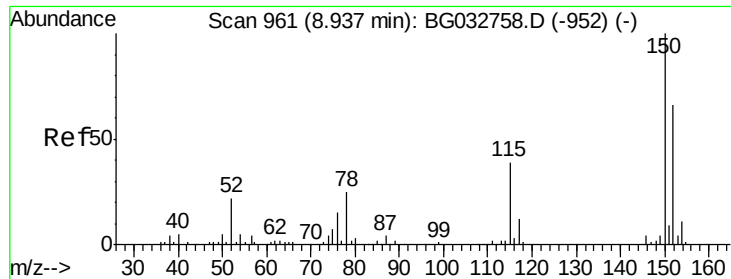
Manual Integrations
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 3/5/2018 3:18:04 PM

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 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.98	196	137550	45.326	nq	97
43) 2,4,5-Trichlorophenol	14.05	196	152613	43.451	nq	# 96
45) 1,1'-Biphenyl	14.38	154	531064	37.490	nq	96
46) 2-Chloronaphthalene	14.43	162	400537	37.853	nq	97
47) 2-Nitroaniline	14.61	65	145571	53.208	nq	92
48) Acenaphthylene	15.26	152	662885	38.264	nq	99
49) Dimethylphthalate	14.96	163	650873	47.288	nq	99
50) 2,6-Dinitrotoluene	15.09	165	118933	51.426	nq	91
51) Acenaphthene	15.60	154	445262	41.269	nq	99
52) 3-Nitroaniline	15.42	138	85021	32.969	nq	# 87
53) 2,4-Dinitrophenol	15.61	184	87842	107.775	nq	# 78
54) Dibenzofuran	15.93	168	619445	40.322	nq	94
55) 4-Nitrophenol	15.69	139	196771	86.654	nq	84
56) 2,4-Dinitrotoluene	15.86	165	165548	58.564	nq	# 87
57) Fluorene	16.57	166	500969	39.509	nq	100
58) 2,3,4,6-Tetrachlorophenol	16.13	232	129429m	47.463	nq	
59) Diethylphthalate	16.30	149	572350	39.425	nq	98
60) 4-Chlorophenyl-phenylether	16.54	204	245582	39.592	nq	91
61) 4-Nitroaniline	16.57	138	126511	43.069	nq	85
62) Azobenzene	16.84	77	575045	44.277	nq	96
64) 4,6-Dinitro-2-methylphenol	16.62	198	72429	62.220	nq	99
65) n-Nitrosodiphenylamine	16.75	169	464534	40.004	nq	99
66) 4-Bromophenyl-phenylether	17.44	248	147515	39.083	nq	# 88
67) Hexachlorobenzene	17.57	284	152384	37.359	nq	# 93
68) Atrazine	17.67	200	159062	41.614	nq	96
69) Pentachlorophenol	17.89	266	204544	79.614	nq	99
70) Phenanthrene	18.31	178	795328	39.937	nq	98
71) Anthracene	18.39	178	811203	40.574	nq	98
72) Carbazole	18.65	167	757813	38.455	nq	97
73) Di-n-butylphthalate	19.15	149	956312	39.556	nq	99
74) Fluoranthene	20.26	202	868449	39.478	nq	94
76) Benzidine	20.41	184	213379	19.690	nq	98
77) Pyrene	20.61	202	870050	38.807	nq	97
79) Butylbenzylphthalate	21.48	149	442127	44.478	nq	91
80) Benzo(a)anthracene	22.60	228	820394	40.241	nq	99
81) 3,3'-Dichlorobenzidine	22.48	252	177793	23.547	nq	# 99
82) Chrysene	22.68	228	770688	39.574	nq	98
83) Bis(2-ethylhexyl)phthalate	22.43	149	630302	42.837	nq	97
84) Di-n-octyl phthalate	23.84	149	1079893	48.150	nq	100
85) Indeno(1,2,3-cd)pyrene	30.86	276	885806	39.002	nq	# 90
87) Benzo(b)fluoranthene	25.20	252	822300	40.658	nq	# 97
88) Benzo(k)fluoranthene	25.28	252	802506	39.925	nq	# 96
89) Benzo(a)pyrene	26.24	252	792744	41.210	nq	# 94
90) Dibenzo(a,h)anthracene	30.94	278	747176	38.588	nq	# 93
91) Benzo(g,h,i)perylene	32.26	276	749835	39.284	nq	# 90

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



#1

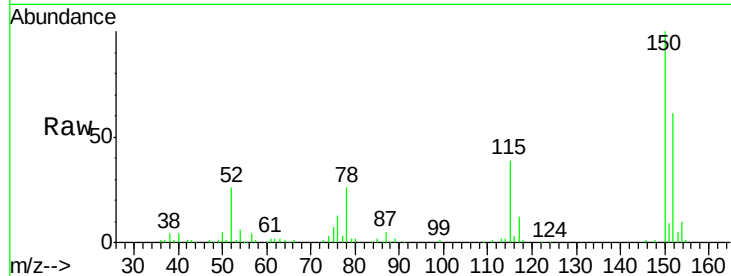
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.92 min Scan# 958
Delta R.T. -0.00 min
Lab File: BG032952.D
Acq: 2 Mar 2018 19:09

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-17MS

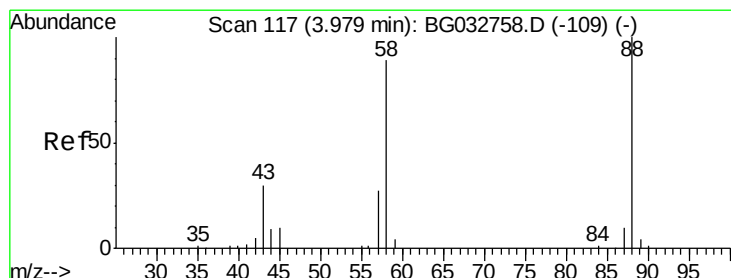
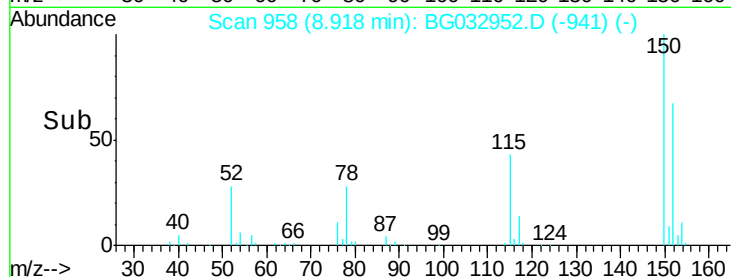
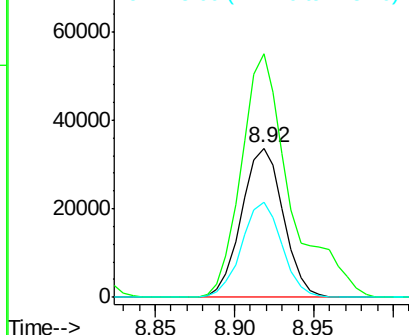
Tot Ion	Ratio	Lower	Upper
152	100		
150	163.0	126.6	189.8
115	63.3	53.0	79.4

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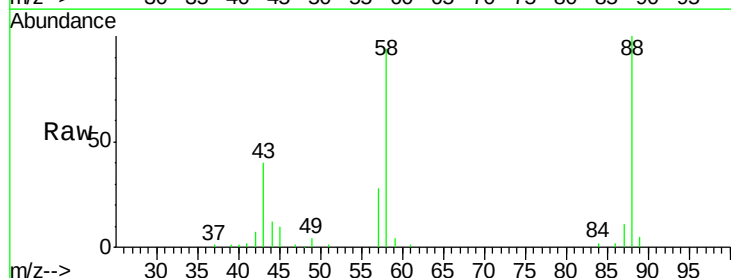
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



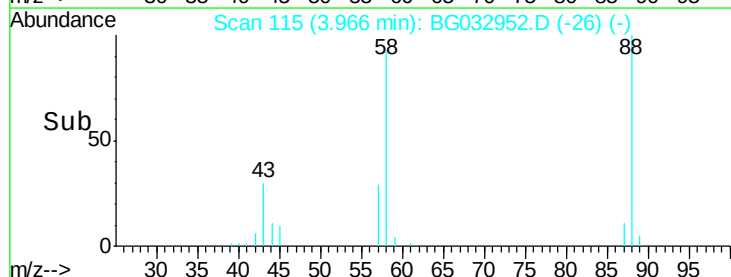
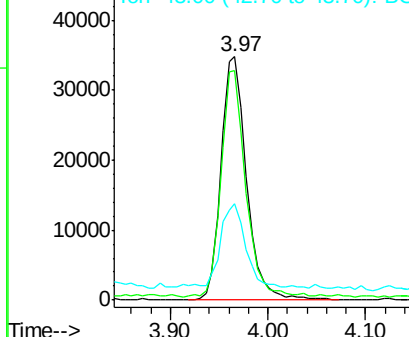
#2

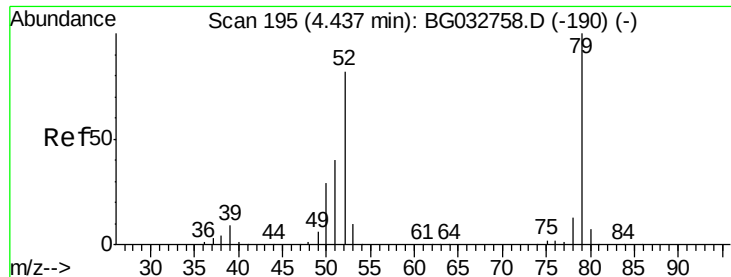
1,4-Dioxane
Concen: 37.652 ng
RT: 3.97 min Scan# 115
Delta R.T. -0.01 min
Lab File: BG032952.D
Acq: 2 Mar 2018 19:09

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.3	79.6	119.4
43	33.6	27.4	41.0



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 36.366 ng

RT: 4.42 min Scan# 193

Delta R.T. -0.01 min

Lab File: BG032952.D

Acq: 2 Mar 2018 19:09

Instrument :

BNA_G

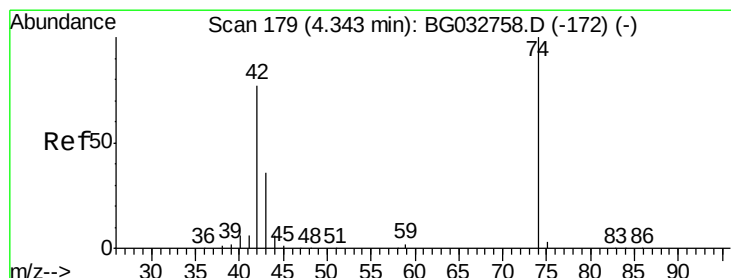
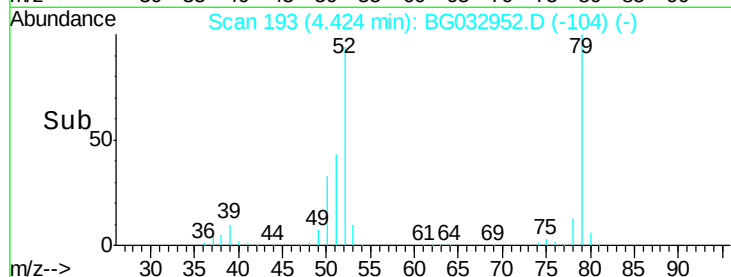
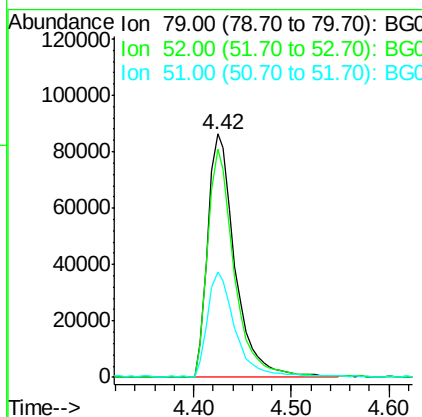
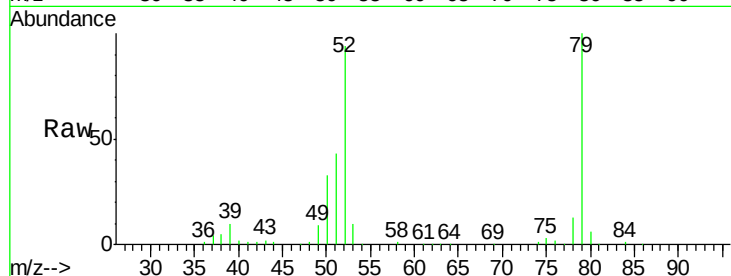
ClientSampleId :

CLEAN-SAND-17MS

Tot Ion:	79	Resp:	167643
Ion	Ratio	Lower	Upper
79	100		
52	93.6	69.9	104.9
51	43.4	34.0	51.0

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#4

n-Nitrosodimethylamine

Concen: 50.861 ng

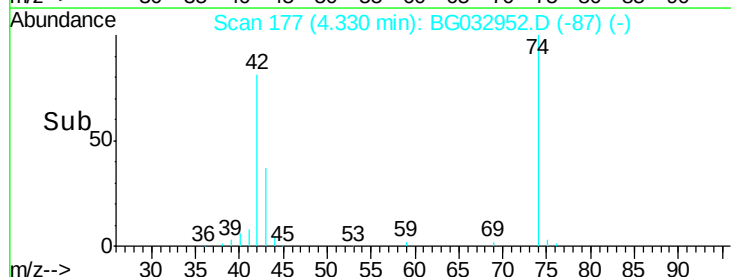
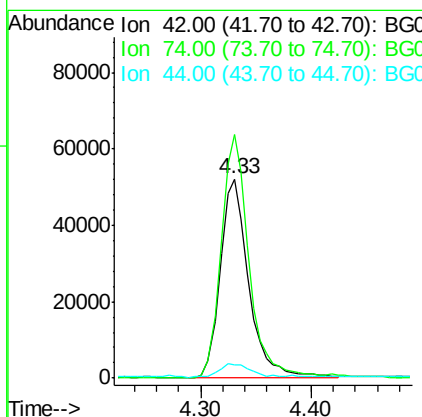
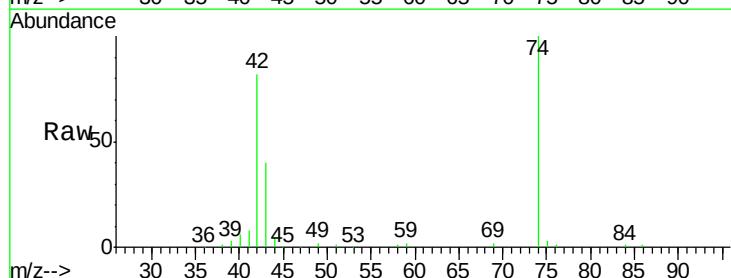
RT: 4.33 min Scan# 177

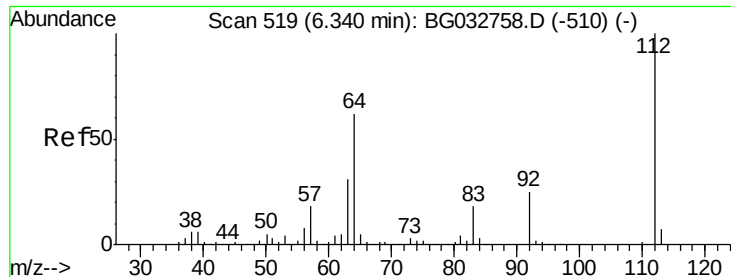
Delta R.T. -0.00 min

Lab File: BG032952.D

Acq: 2 Mar 2018 19:09

Tgt Ion:	42	Resp:	94002
Ion	Ratio	Lower	Upper
42	100		
74	122.4	102.5	153.7
44	6.5	18.9	28.3





#5

2-Fluorophenol

Concen: 132.799 ng

RT: 6.33 min Scan# 518

Delta R.T. 0.00 min

Lab File: BG032952.D

Acq: 2 Mar 2018 19:09

Instrument :

BNA_G

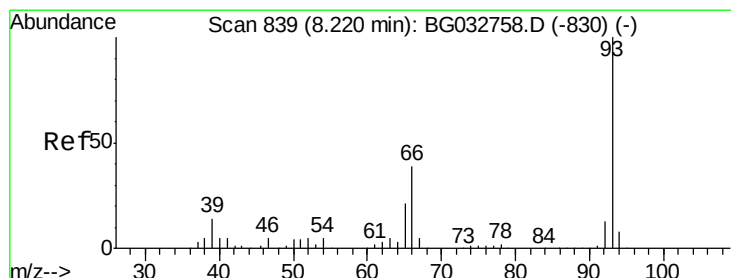
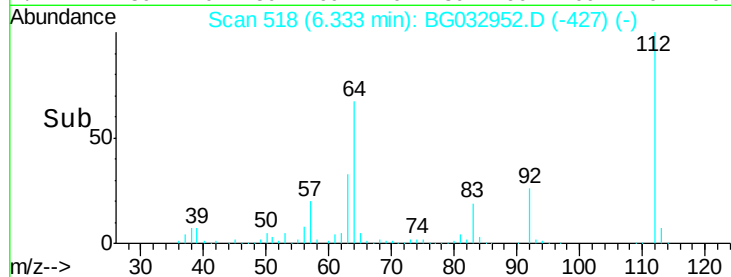
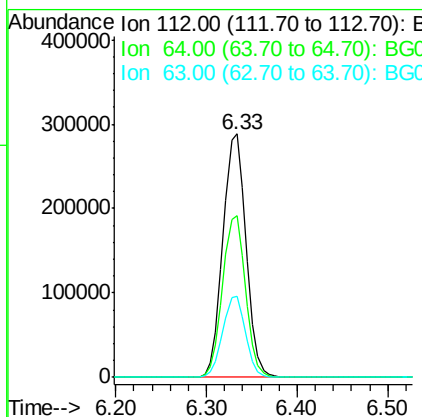
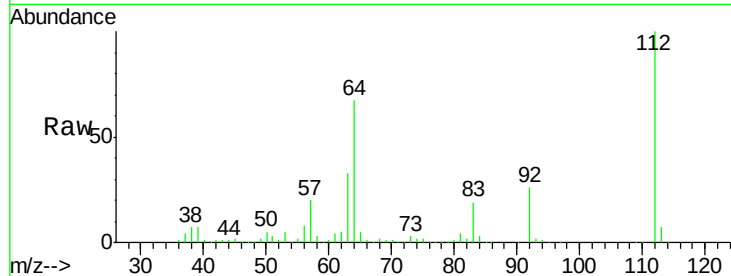
ClientSampleId :

CLEAN-SAND-17MS

Tot Ion:	112	Resp:	511786
Ion Ratio	Lower	Upper	
112	100		
64	66.5	56.3	84.5
63	33.3	30.1	45.1

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#6

Aniline

Concen: 19.203 ng

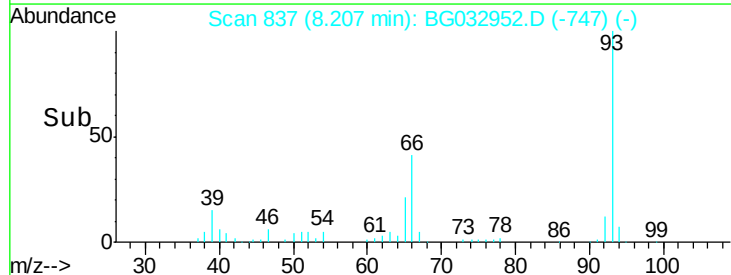
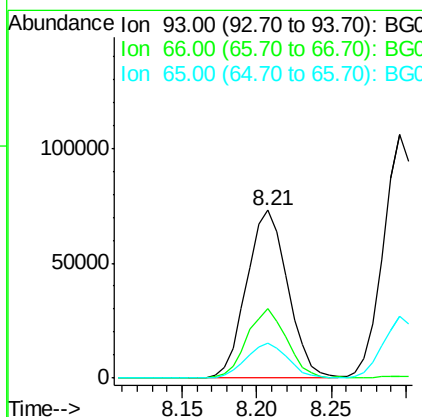
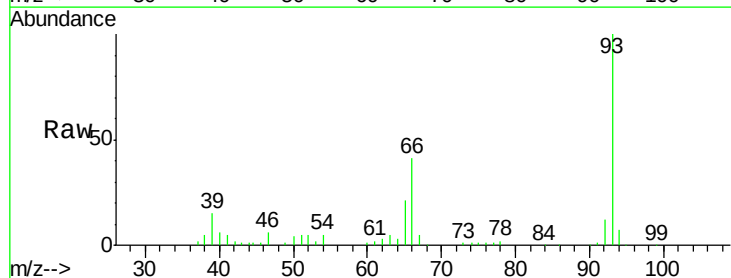
RT: 8.21 min Scan# 837

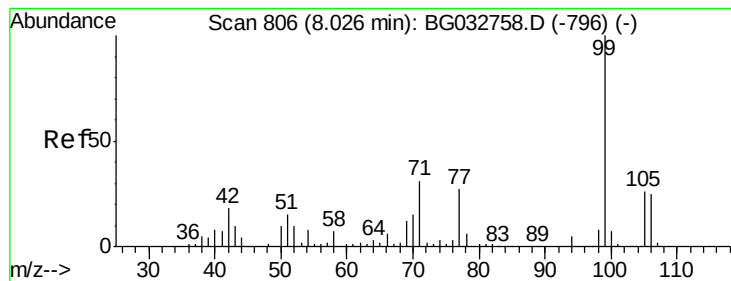
Delta R.T. -0.00 min

Lab File: BG032952.D

Acq: 2 Mar 2018 19:09

Tgt Ion:	93	Resp:	139631
Ion Ratio	Lower	Upper	
93	100		
66	41.4	33.7	50.5
65	20.5	16.1	24.1





#7

Phenol-d6

Concen: 127.227 ng

RT: 8.01 min Scan# 804

Delta R.T. -0.00 min

Lab File: BG032952.D

Acq: 2 Mar 2018 19:09

Instrument :

BNA_G

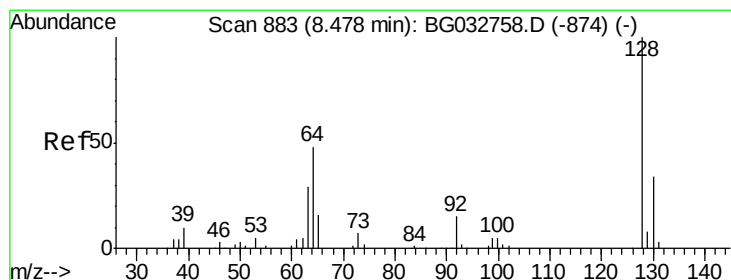
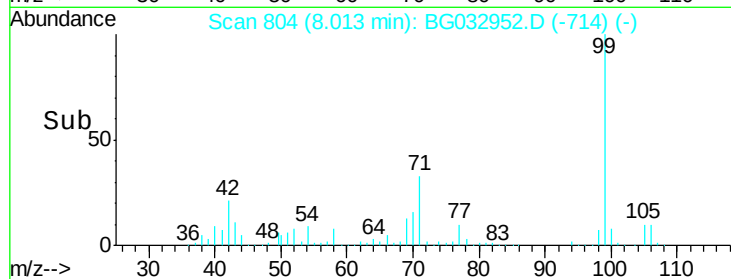
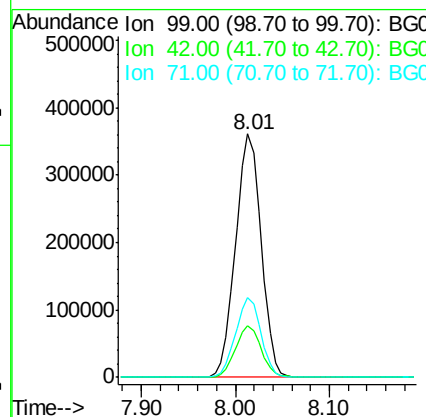
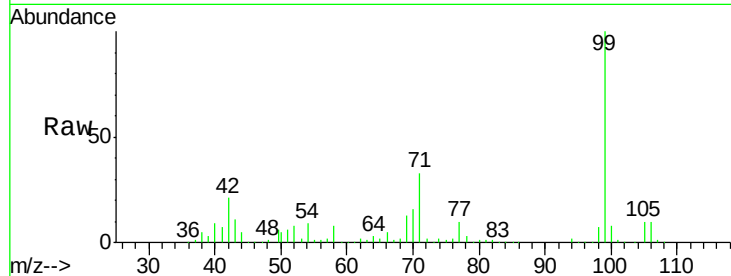
ClientSampleId :

CLEAN-SAND-17MS

Tot Ion:	99	Resp:	683429
Ion	Ratio	Lower	Upper
99	100		
42	21.0	14.1	21.1
71	32.5	26.1	39.1

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#8

2-Chlorophenol

Concen: 45.181 ng

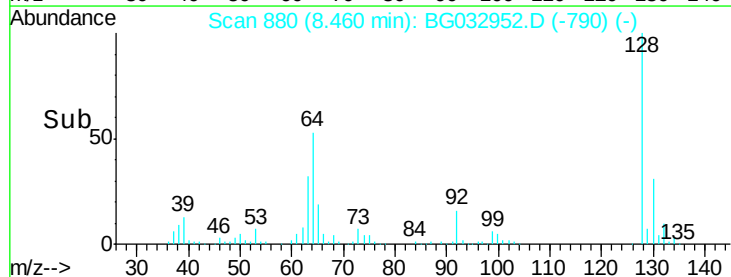
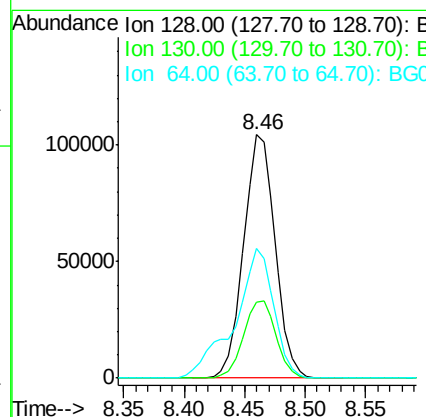
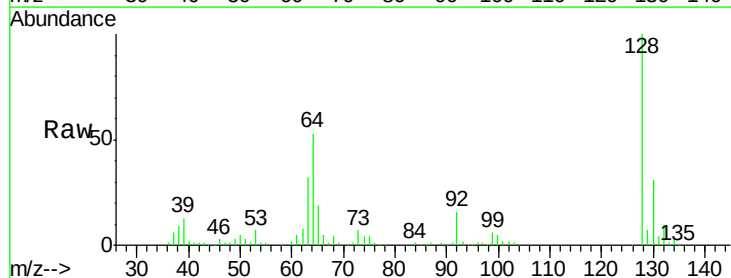
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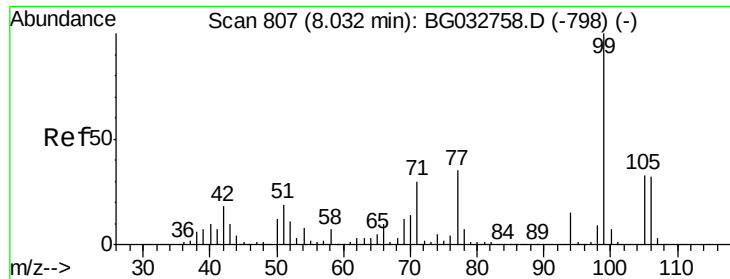
Delta R.T. -0.00 min

Lab File: BG032952.D

Acq: 2 Mar 2018 19:09

Tgt Ion:	128	Resp:	190586
Ion	Ratio	Lower	Upper
128	100		
130	31.4	14.0	54.0
64	53.1	37.7	77.7





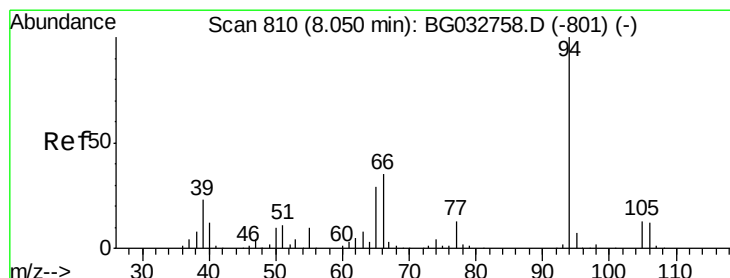
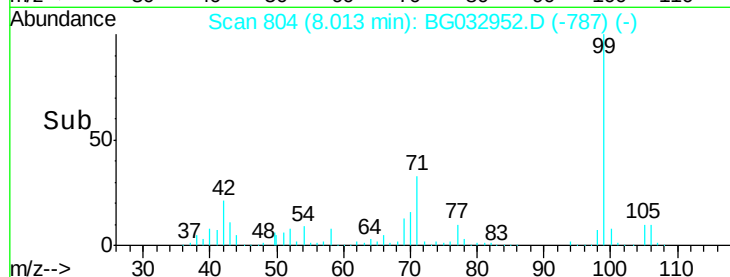
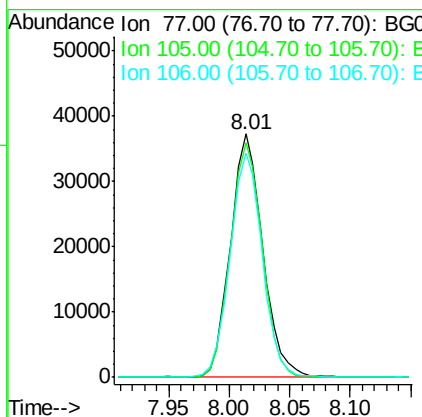
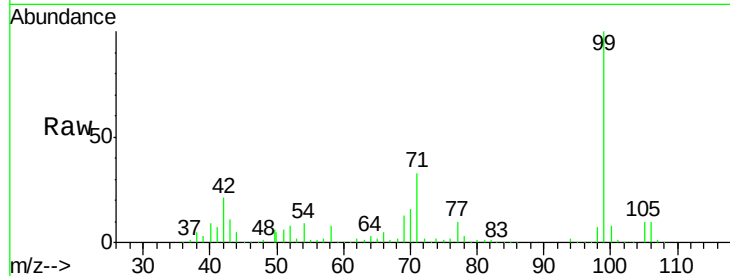
#9
Benzaldehyde
Concen: 22.548 ng
RT: 8.01 min Scan# 804
Delta R.T. -0.00 min
Lab File: BG032952.D
Acq: 2 Mar 2018 19:09

Instrument :
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ClientSampleId :
CLEAN-SAND-17MS

Tot Ion	Ratio	Lower	Upper
77	100		
105	96.4	71.3	111.3
106	92.3	64.2	104.2

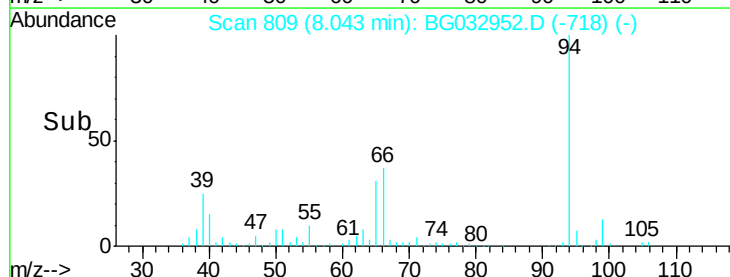
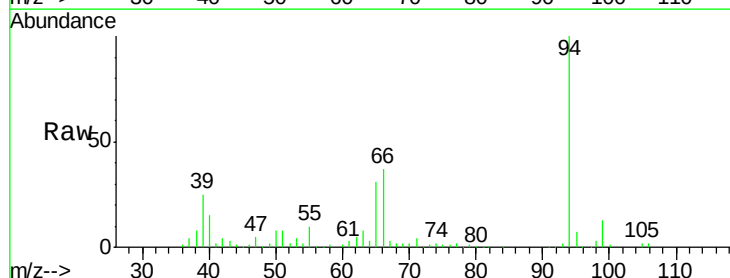
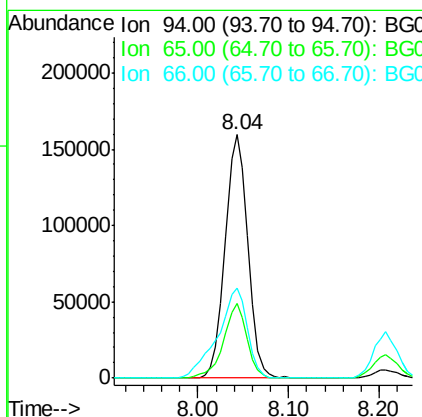
Manual Integrations
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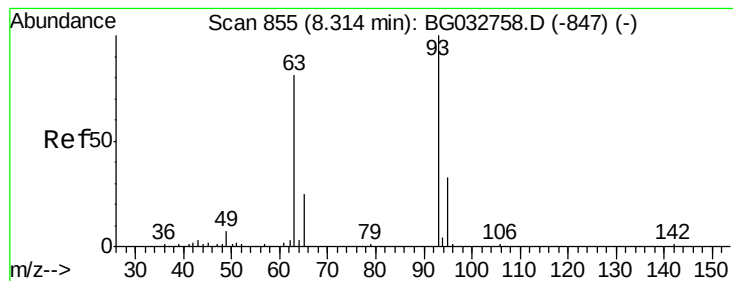
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#10
Phenol
Concen: 51.072 ng
RT: 8.04 min Scan# 809
Delta R.T. 0.00 min
Lab File: BG032952.D
Acq: 2 Mar 2018 19:09

Tgt Ion	Ratio	Lower	Upper
94	100		
65	30.8	11.9	51.9
66	37.0	22.2	62.2





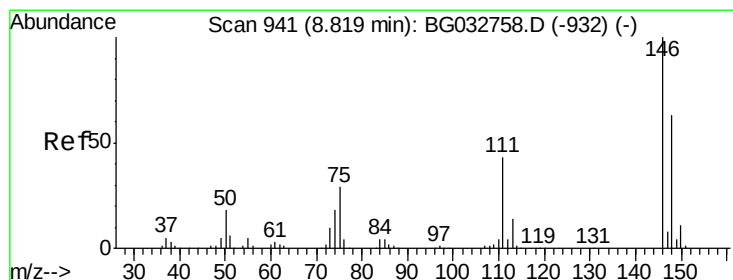
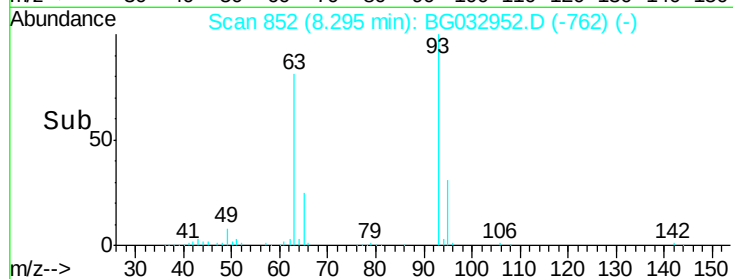
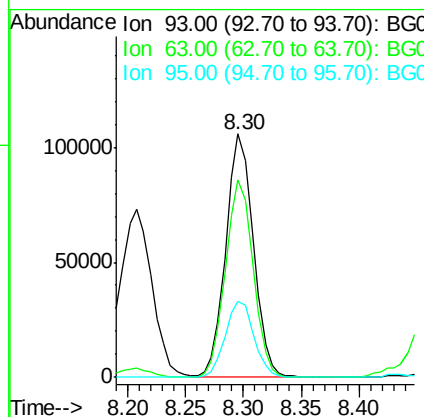
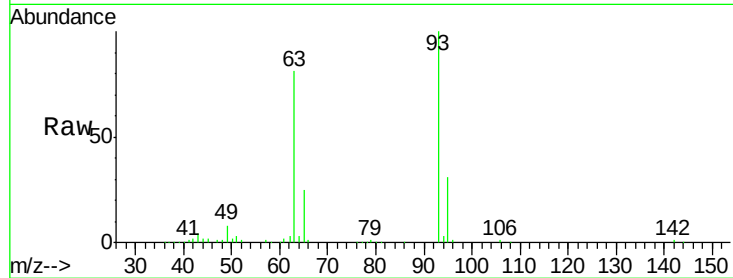
#11
bis(2-Chloroethyl)ether
Concen: 39.738 ng
RT: 8.30 min Scan# 852
Delta R.T. -0.00 min
Lab File: BG032952.D
Acq: 2 Mar 2018 19:09

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-17MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	80.9	67.1	107.1
95	31.1	11.5	51.5

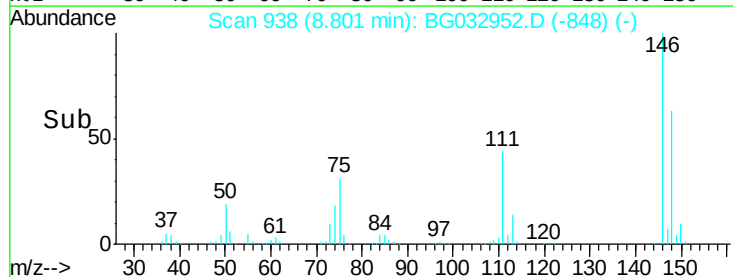
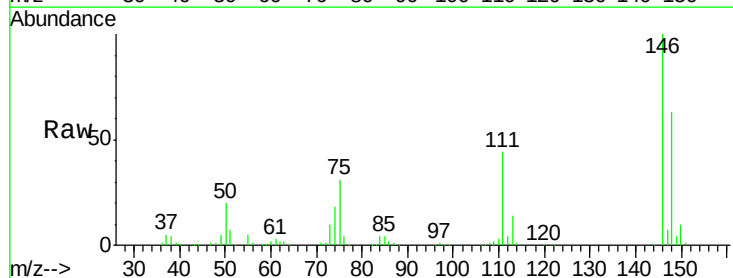
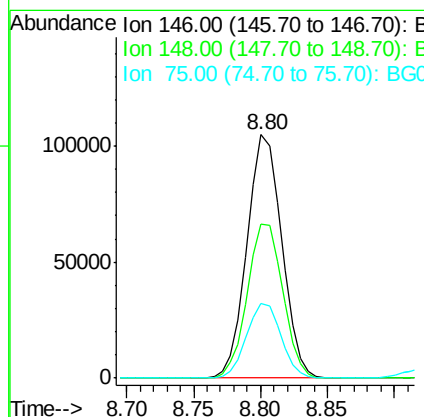
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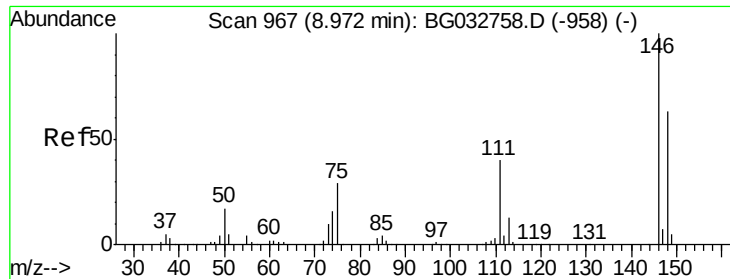
Sohil
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#12
1,3-Dichlorobenzene
Concen: 38.323 ng
RT: 8.80 min Scan# 938
Delta R.T. -0.00 min
Lab File: BG032952.D
Acq: 2 Mar 2018 19:09

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.4	77.2
75	30.7	26.6	39.8





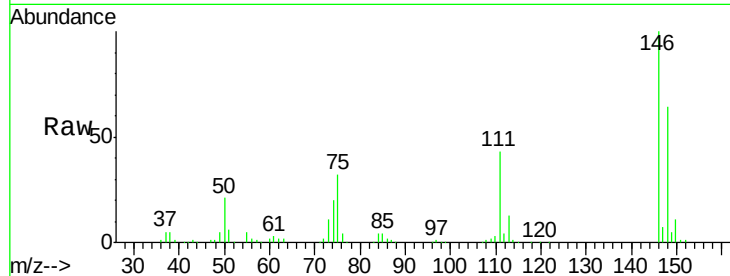
#13
1,4-Dichlorobenzene
Concen: 38.594 ng
RT: 8.95 min Scan# 964
Delta R.T. -0.00 min
Lab File: BG032952.D
Acq: 2 Mar 2018 19:09

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-17MS

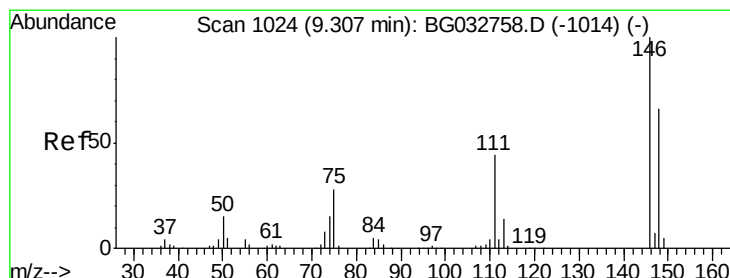
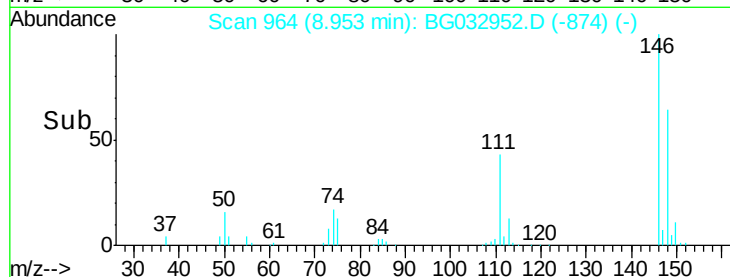
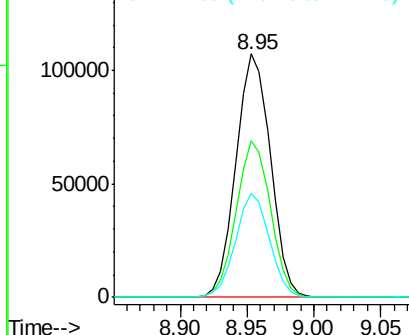
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	53.7	80.5
111	42.8	35.2	52.8

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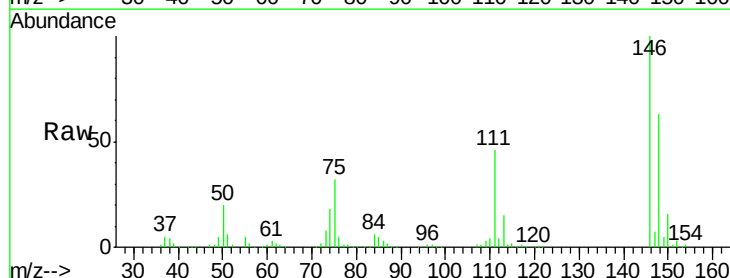


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

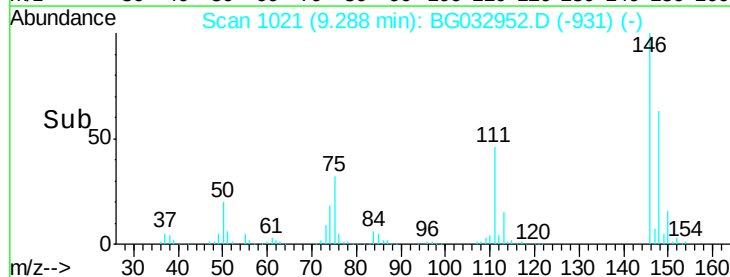
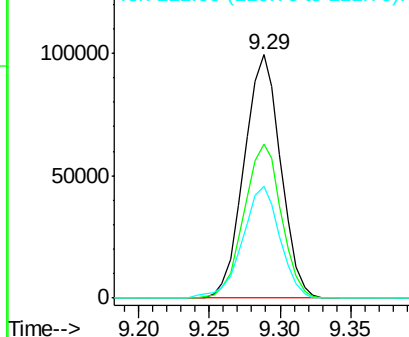


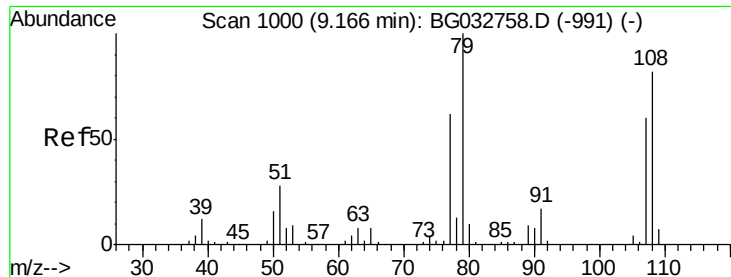
#14
1,2-Dichlorobenzene
Concen: 37.761 ng
RT: 9.29 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BG032952.D
Acq: 2 Mar 2018 19:09

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	49.3	73.9
111	46.1	34.3	51.5



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





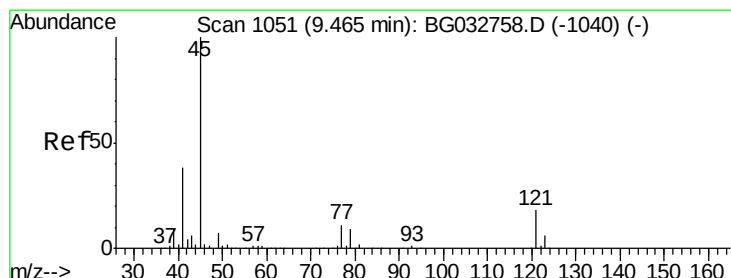
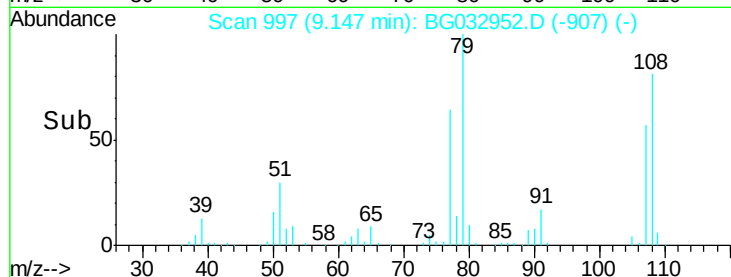
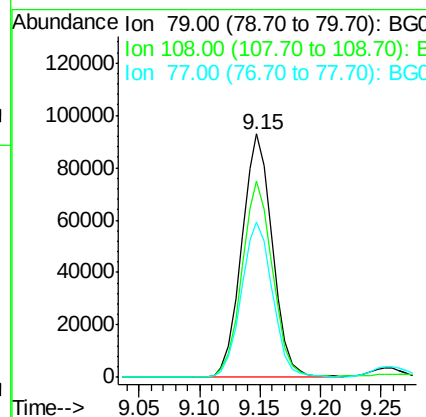
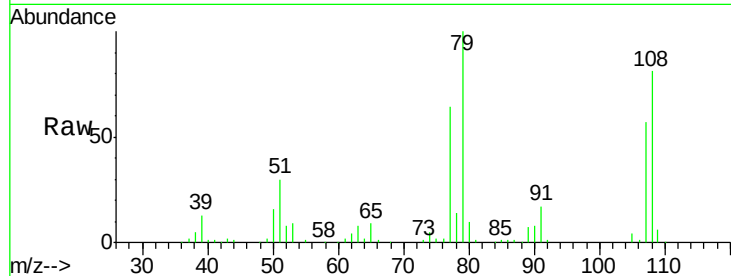
#15
Benzyl Alcohol
Concen: 41.699 ng
RT: 9.15 min Scan# 997
Delta R.T. -0.00 min
Lab File: BG032952.D
Acq: 2 Mar 2018 19:09

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-17MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
108	80.7	57.2	85.8		
77	63.8	46.1	69.1		

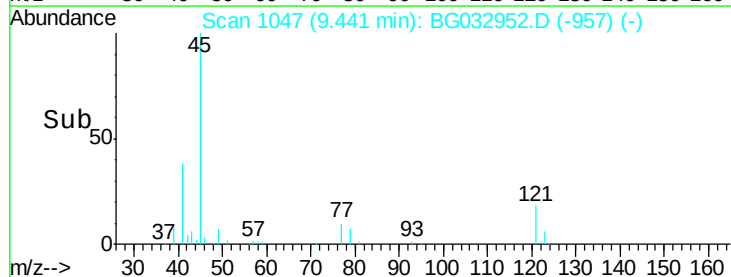
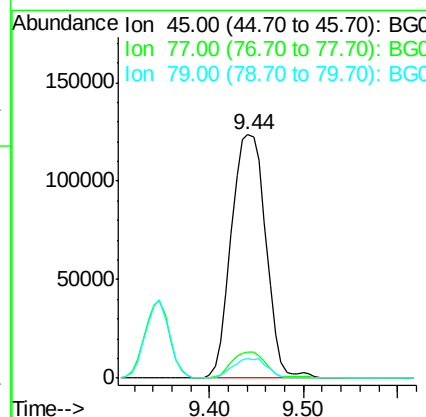
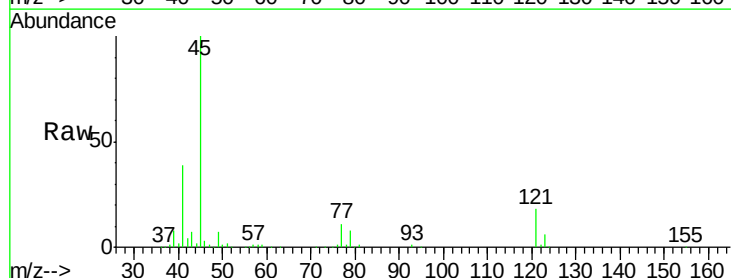
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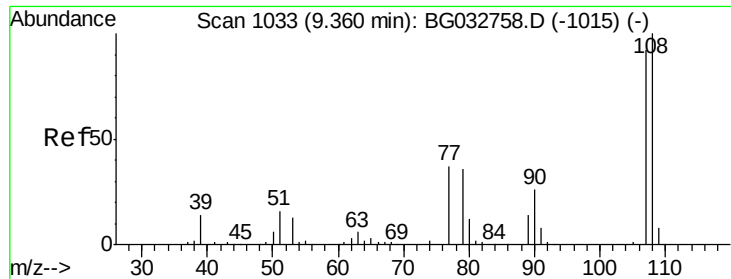
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.391 ng
RT: 9.44 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BG032952.D
Acq: 2 Mar 2018 19:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
45	100				
77	10.8	0.0	30.2		
79	7.8	0.0	27.9		





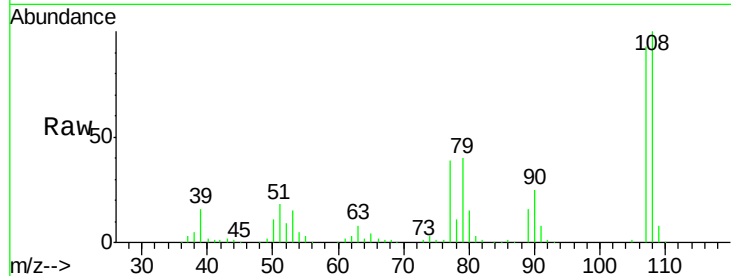
#17
2-Methylphenol
Concen: 42.245 ng
RT: 9.35 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BG032952.D
Acq: 2 Mar 2018 19:09

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-17MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	107.6	83.9	125.9	
77	42.1	37.2	55.8	
79	42.6	36.2	54.2	

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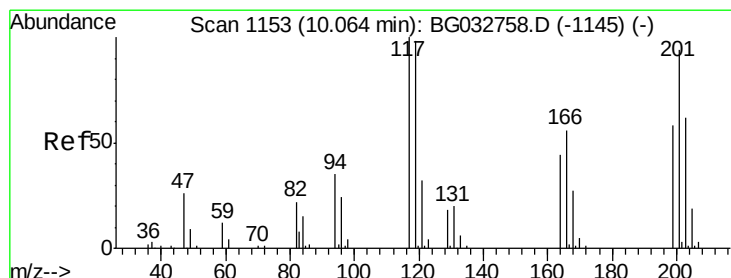
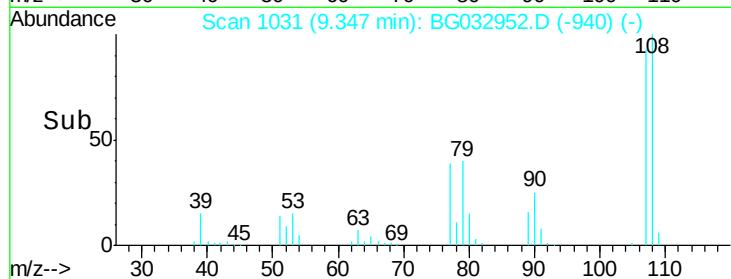
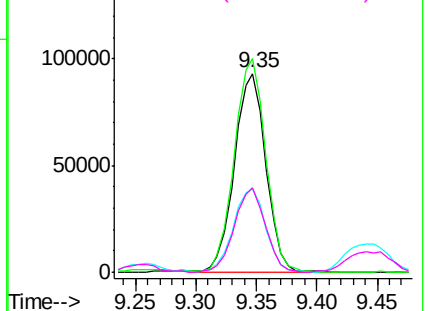
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

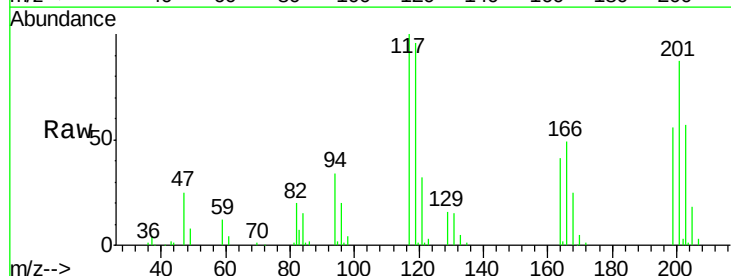
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18
Hexachloroethane
Concen: 41.191 ng
RT: 10.05 min Scan# 1150
Delta R.T. -0.00 min
Lab File: BG032952.D
Acq: 2 Mar 2018 19:09

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.8	76.7	115.1	
201	87.2	95.7	143.5	

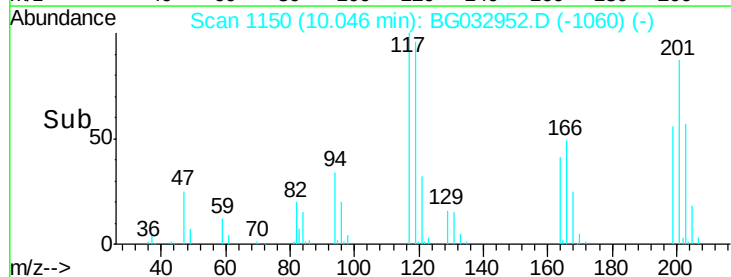
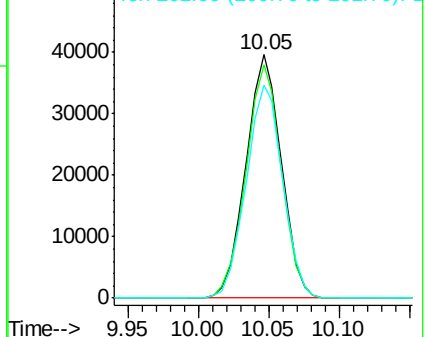


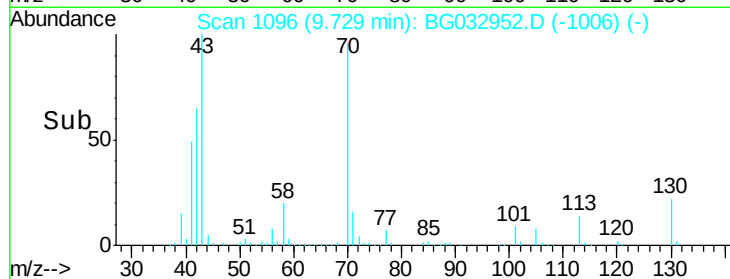
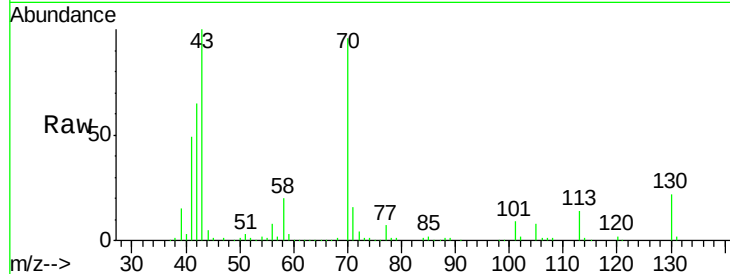
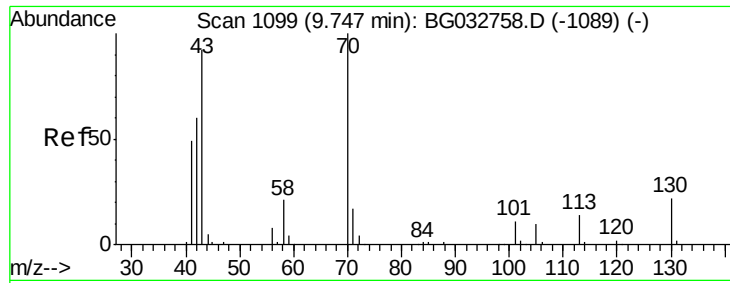
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





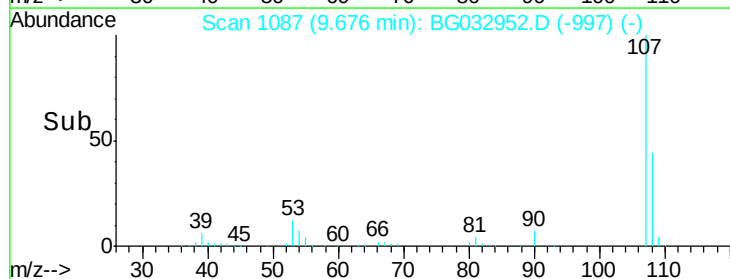
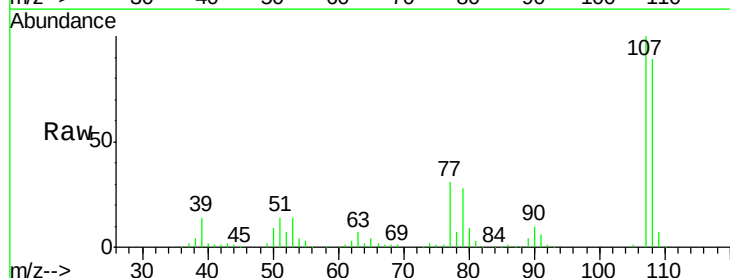
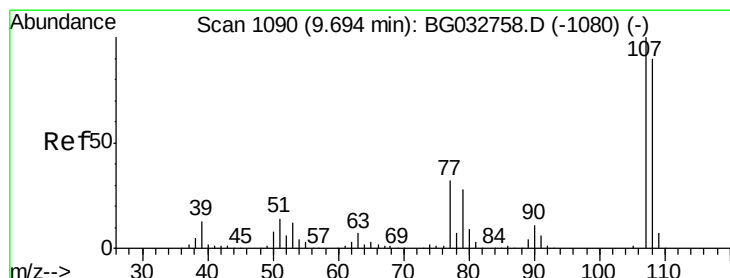
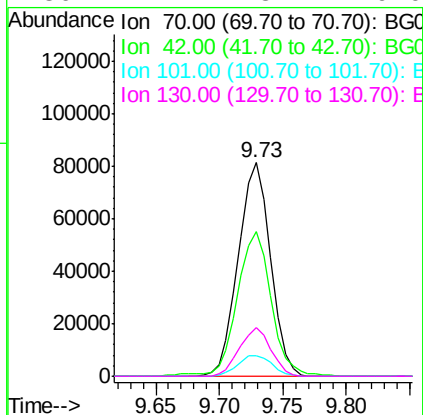
#19
n-Nitroso-di-n-propylamine
Concen: 37.903 ng
RT: 9.73 min Scan# 1096
Delta R.T. -0.00 min
Lab File: BG032952.D
Acq: 2 Mar 2018 19:09

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-17MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	67.6	49.1	73.7	
101	9.5	8.5	12.7	
130	22.7	13.4	20.0	

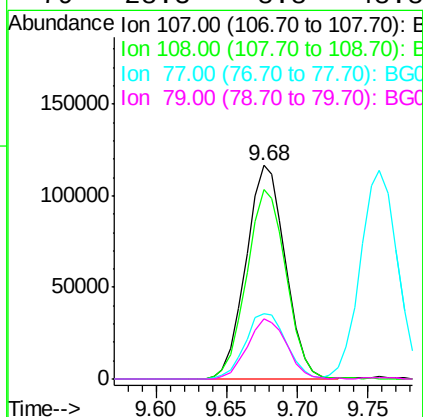
Manual Integrations
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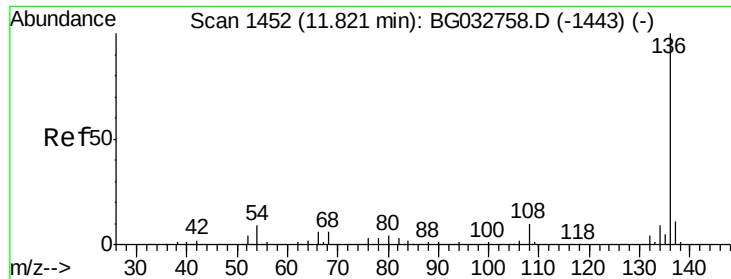
Sohil
3/5/2018 3:18:04 PM



#20
3+4-Methylphenols
Concen: 41.000 ng
RT: 9.68 min Scan# 1087
Delta R.T. -0.00 min
Lab File: BG032952.D
Acq: 2 Mar 2018 19:09

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.5	61.6	101.6	
77	30.6	13.9	53.9	
79	28.3	8.8	48.8	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.80 min Scan# 1449

Delta R.T. -0.00 min

Lab File: BG032952.D

Acq: 2 Mar 2018 19:09

Instrument :

BNA_G

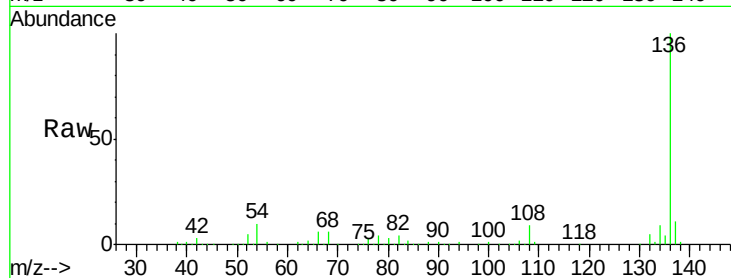
ClientSampleId :

CLEAN-SAND-17MS

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	10.4	10.3	15.5
68	5.9	4.5	6.7

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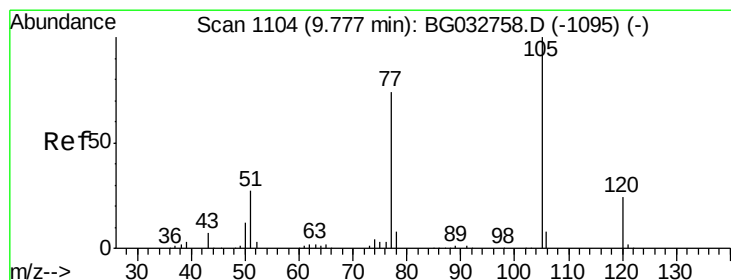
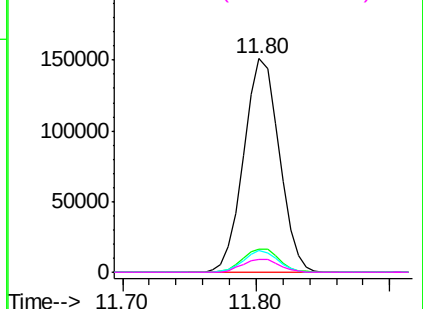
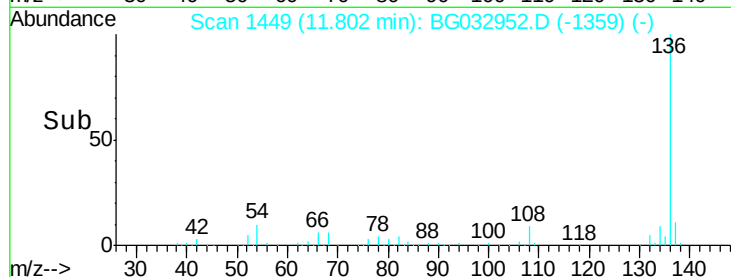


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 38.502 ng

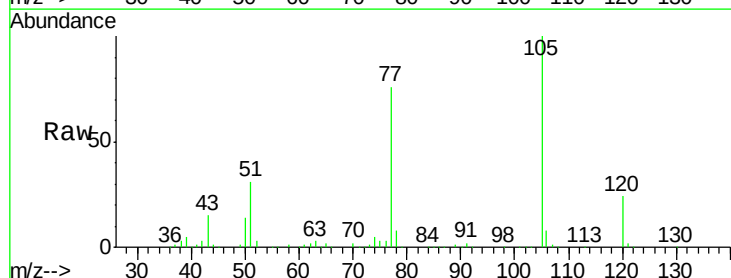
RT: 9.76 min Scan# 1101

Delta R.T. -0.00 min

Lab File: BG032952.D

Acq: 2 Mar 2018 19:09

Tgt Ion	Ratio	Lower	Upper
105	100		
71	0.3	3.0	4.4#
51	31.0	26.1	39.1
120	24.2	17.4	26.2

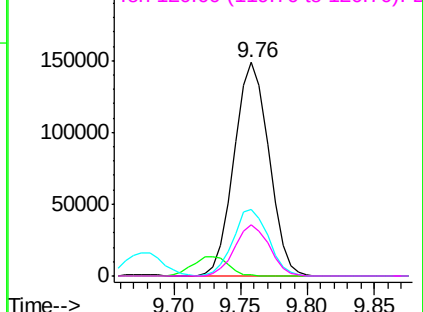
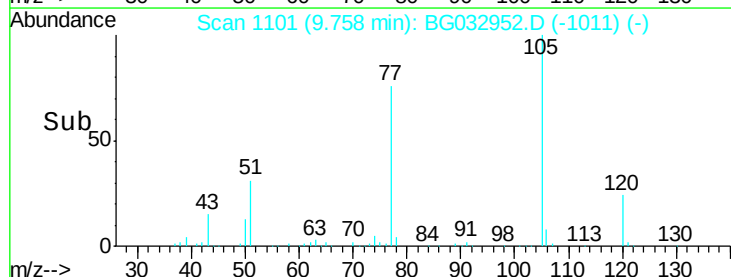


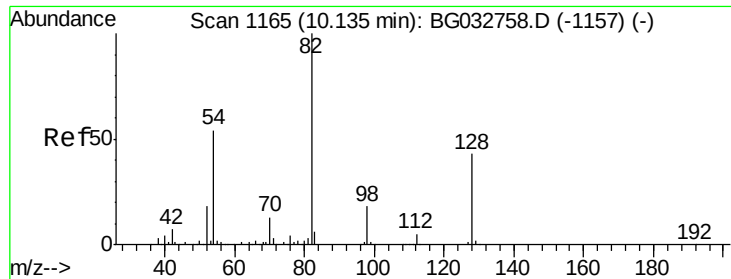
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





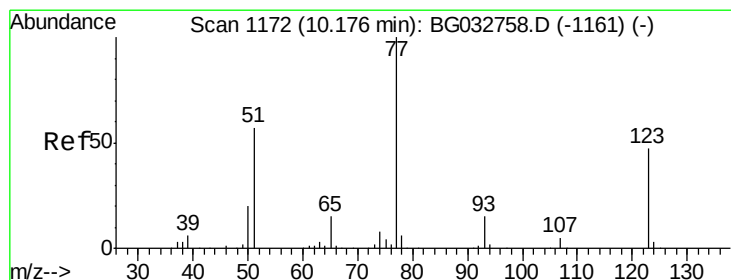
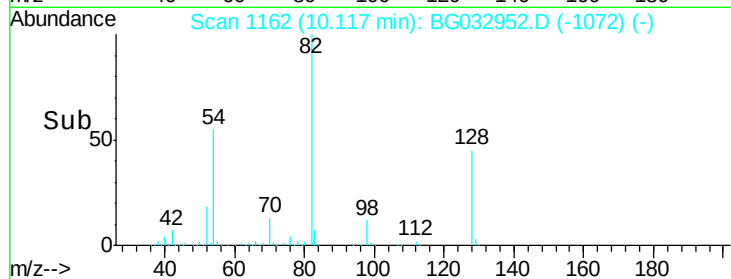
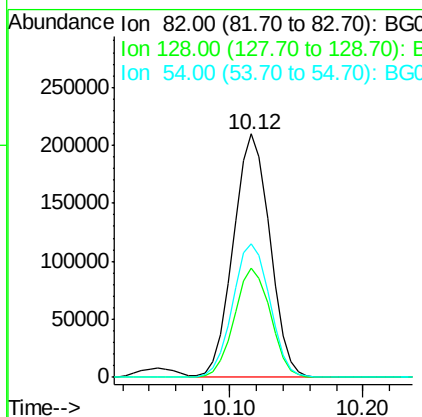
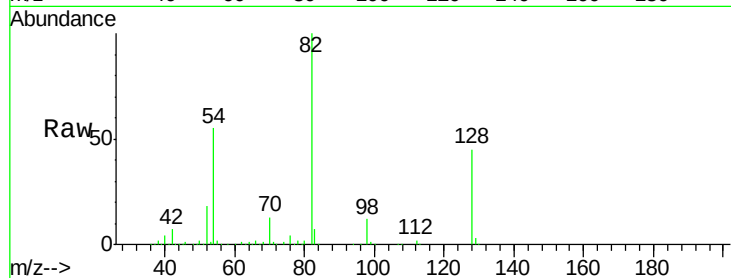
#23
 Nitrobenzene-d5
 Concen: 97.899 ng
 RT: 10.12 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: BG032952.D
 Acq: 2 Mar 2018 19:09

Instrument :
 BNA_G
 ClientSampleId :
 CLEAN-SAND-17MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.0	29.7	44.5#
54	55.0	43.1	64.7

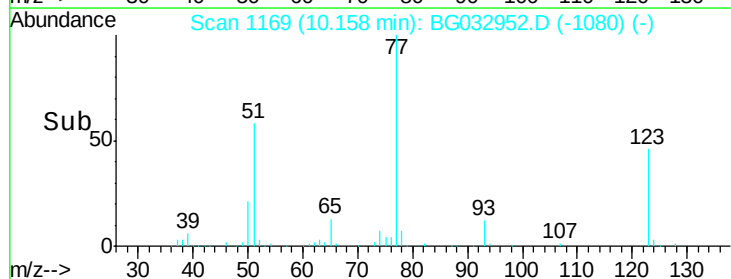
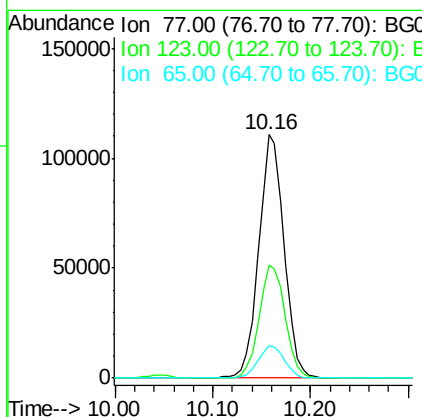
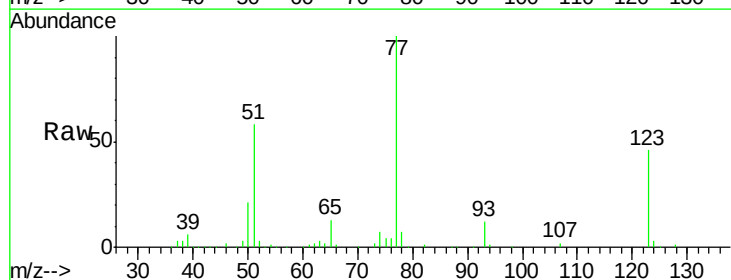
Manual Integrations
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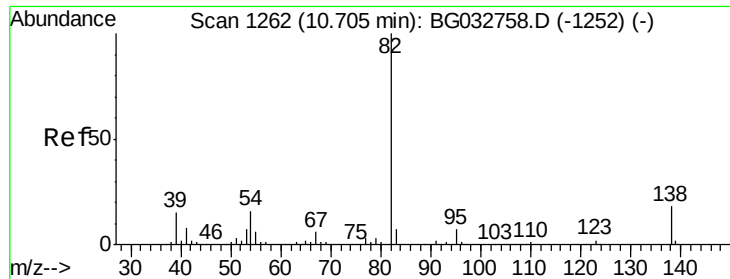
Sohil
 3/5/2018 3:18:04 PM



#24
 Nitrobenzene
 Concen: 45.962 ng
 RT: 10.16 min Scan# 1169
 Delta R.T. -0.01 min
 Lab File: BG032952.D
 Acq: 2 Mar 2018 19:09

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.4	33.0	49.6
65	13.4	13.0	19.6





#25

Isophorone

Concen: 40.708 ng

RT: 10.68 min Scan# 1258

Delta R.T. -0.00 min

Lab File: BG032952.D

Acq: 2 Mar 2018 19:09

Instrument :

BNA_G

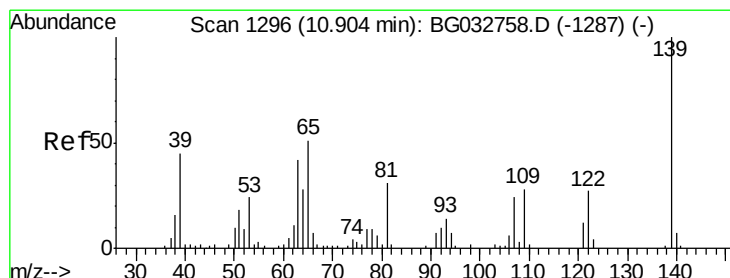
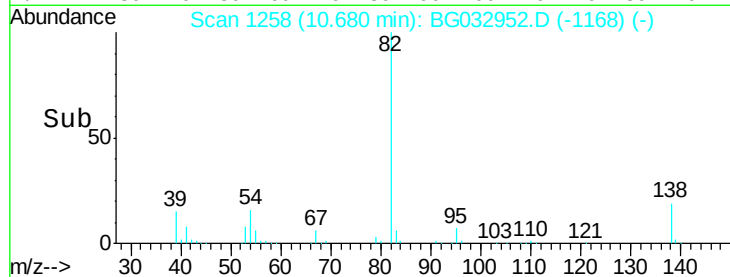
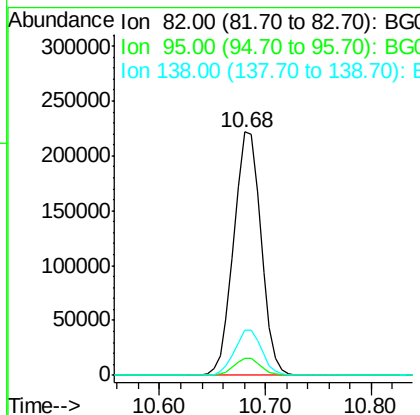
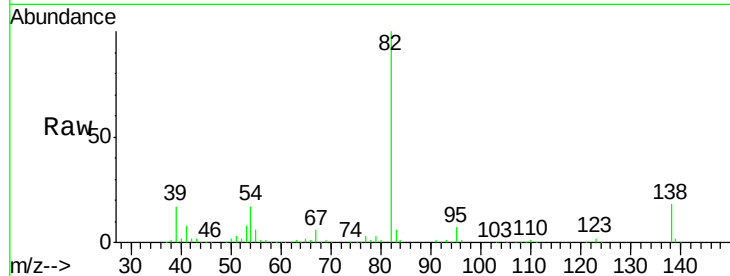
ClientSampleId :

CLEAN-SAND-17MS

Tot Ion:	82	Resp:	396220
Ion Ratio	Lower	Upper	
82	100		
95	7.2	6.2	9.2
138	18.4	12.1	18.1

Manual Integrations
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#26

2-Nitrophenol

Concen: 57.691 ng

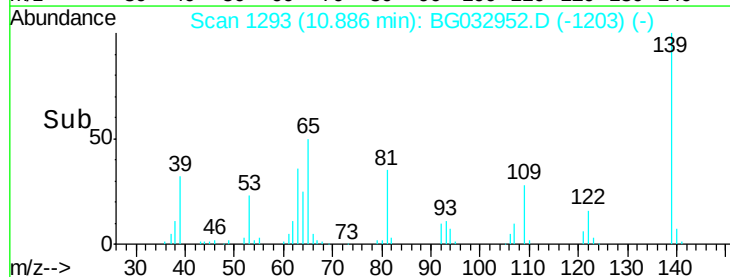
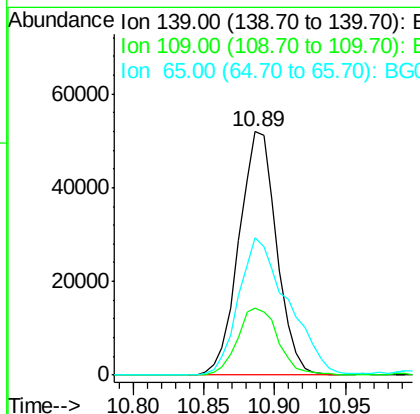
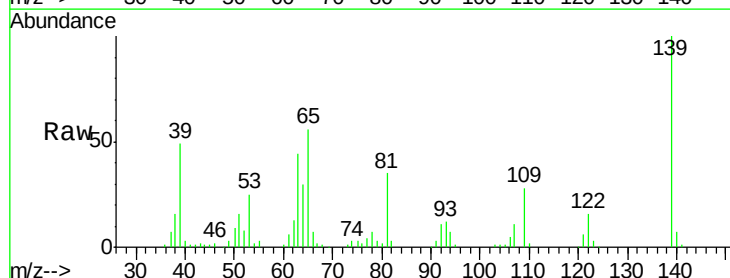
RT: 10.89 min Scan# 1293

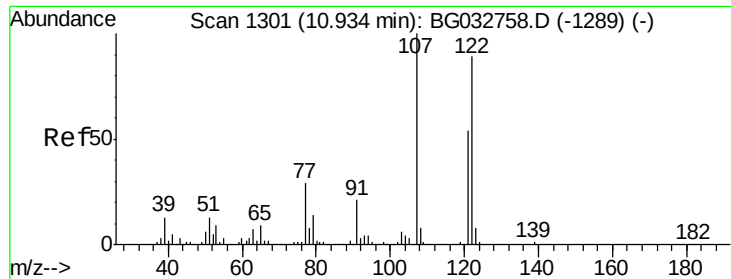
Delta R.T. -0.00 min

Lab File: BG032952.D

Acq: 2 Mar 2018 19:09

Tgt Ion:	139	Resp:	96664
Ion Ratio	Lower	Upper	
139	100		
109	27.6	24.2	36.2
65	56.2	47.4	71.0





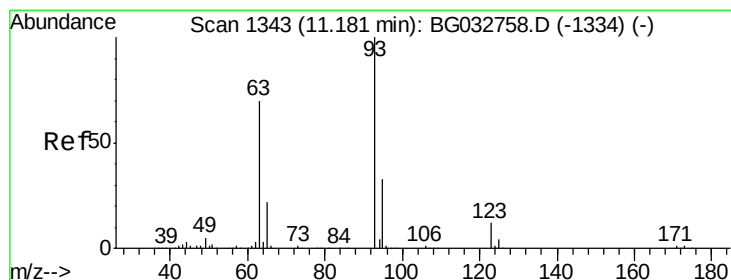
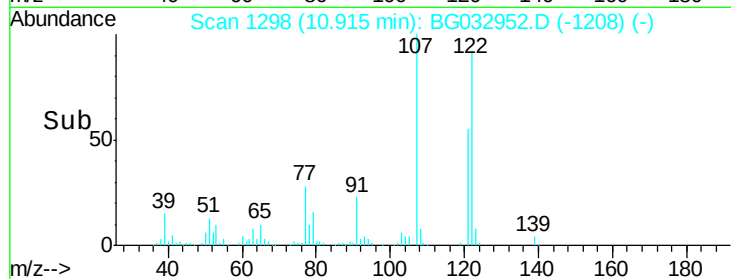
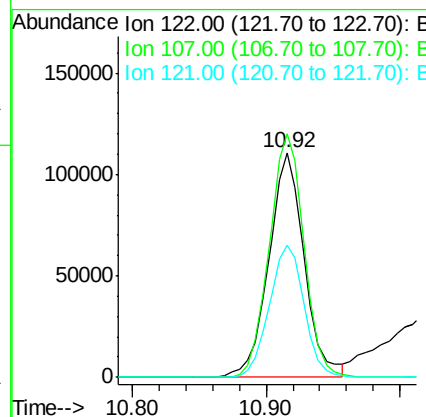
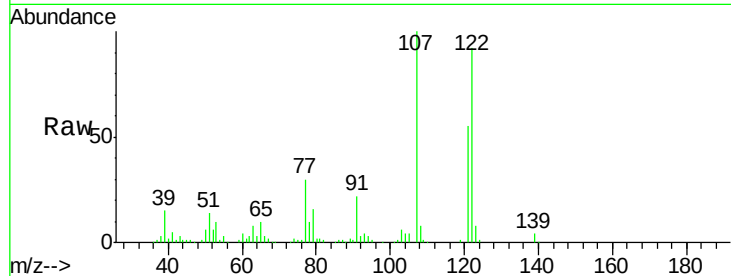
#27
 2,4-Dimethylphenol
 Concen: 48.325 ng
 RT: 10.92 min Scan# 1298
 Delta R.T. -0.00 min
 Lab File: BG032952.D
 Acq: 2 Mar 2018 19:09

Instrument :
 BNA_G
 ClientSampleId :
 CLEAN-SAND-17MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	108.4	100.2	150.2
121	59.1	44.4	66.6

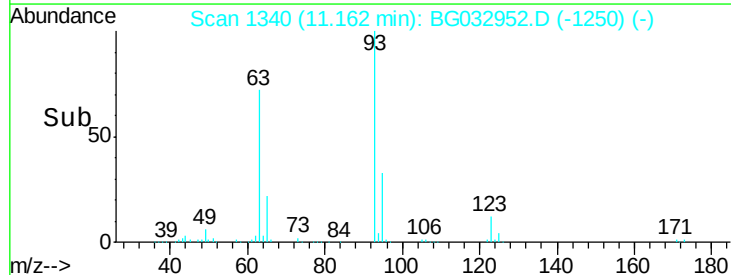
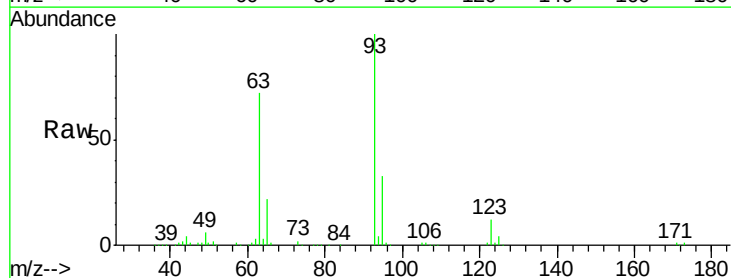
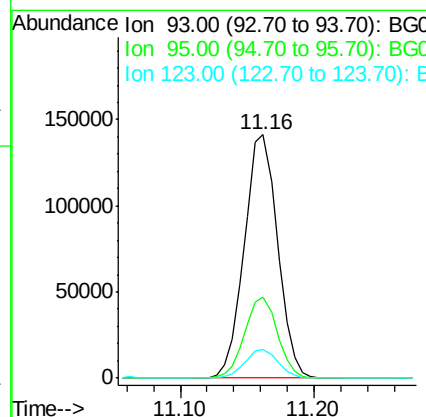
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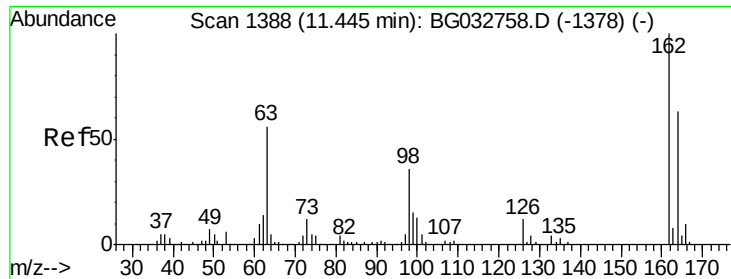
Sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 42.846 ng
 RT: 11.16 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: BG032952.D
 Acq: 2 Mar 2018 19:09

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	24.3	36.5
123	11.8	8.4	12.6





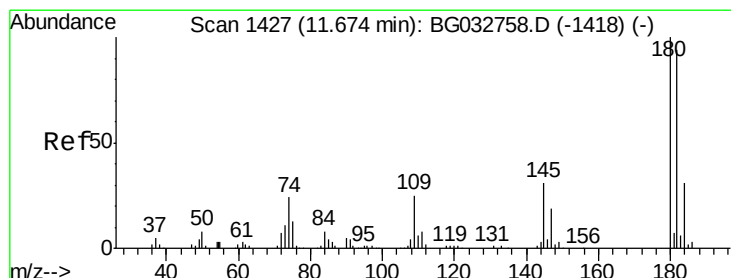
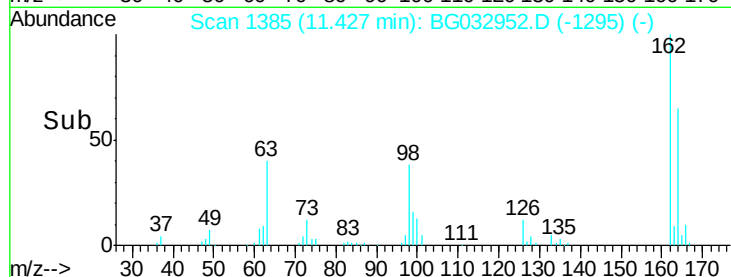
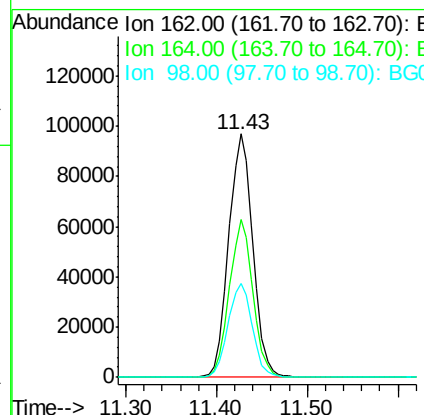
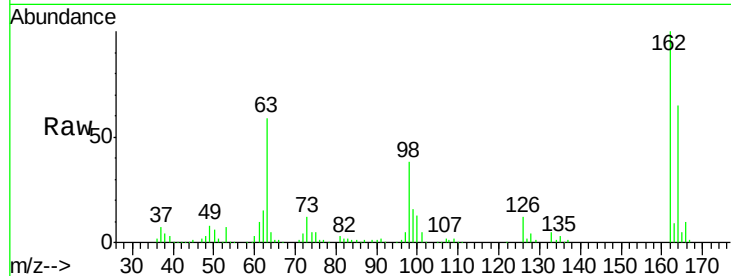
#29
 2,4-Dichlorophenol
 Concen: 46.665 ng
 RT: 11.43 min Scan# 1385
 Delta R.T. -0.00 min
 Lab File: BG032952.D
 Acq: 2 Mar 2018 19:09

Instrument :
 BNA_G
 ClientSampleId :
 CLEAN-SAND-17MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	179079		
164	64.8	48.0	88.0	
98	38.5	21.1	61.1	

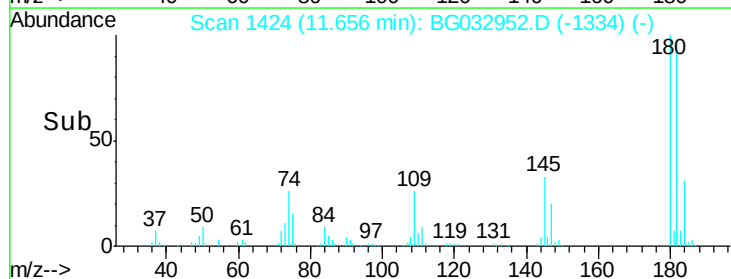
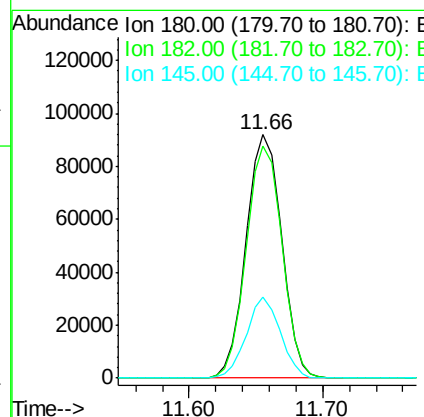
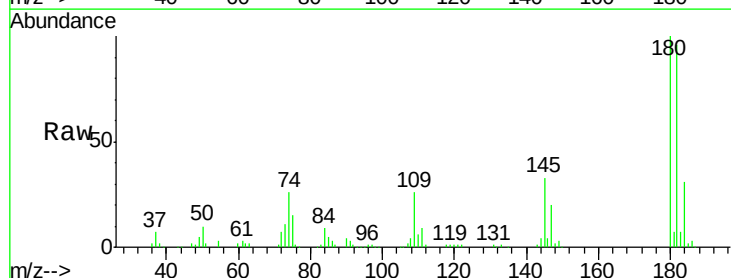
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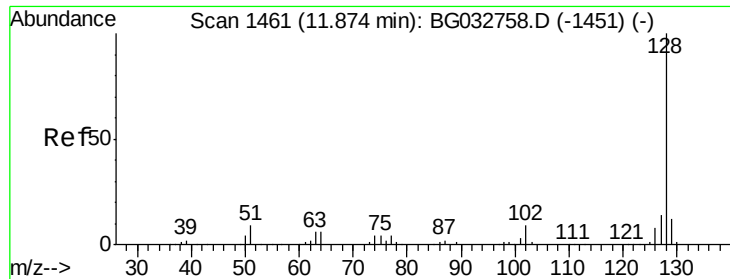
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#30
 1,2,4-Trichlorobenzene
 Concen: 37.739 ng
 RT: 11.66 min Scan# 1424
 Delta R.T. -0.00 min
 Lab File: BG032952.D
 Acq: 2 Mar 2018 19:09

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	169765		
182	95.6	77.5	116.3	
145	33.1	23.4	35.2	





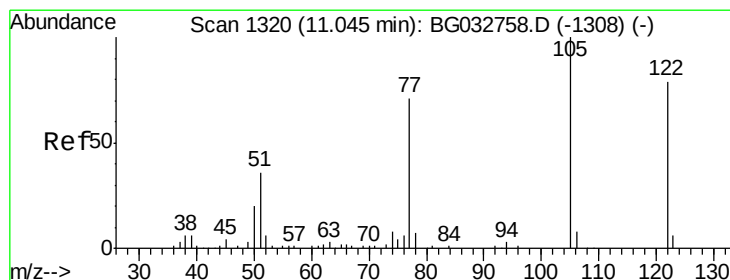
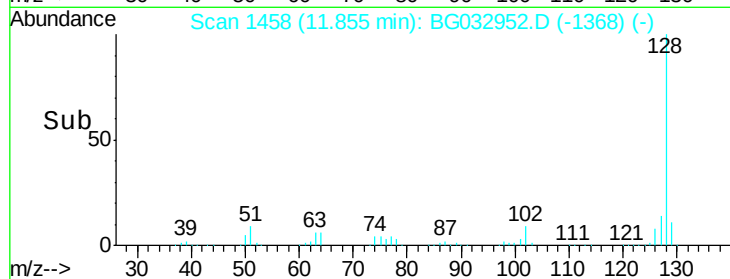
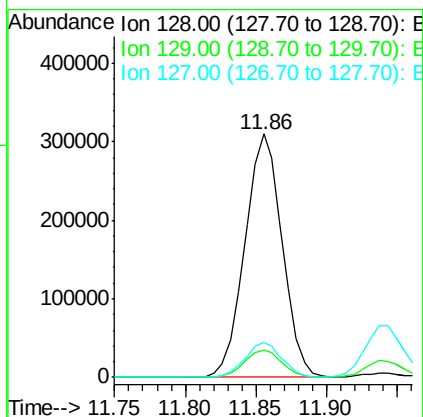
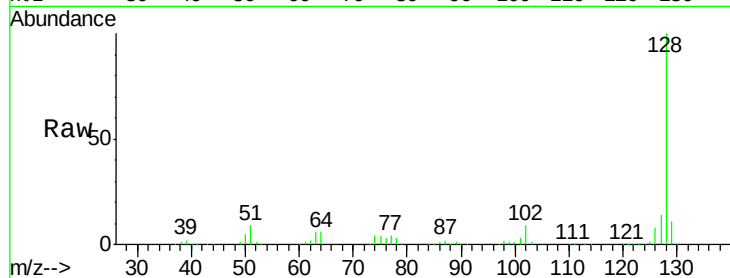
#31
Naphthalene
Concen: 39.472 ng
RT: 11.86 min Scan# 1458
Delta R.T. -0.00 min
Lab File: BG032952.D
Acq: 2 Mar 2018 19:09

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-17MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.6	12.8
127	14.3	11.6	17.4

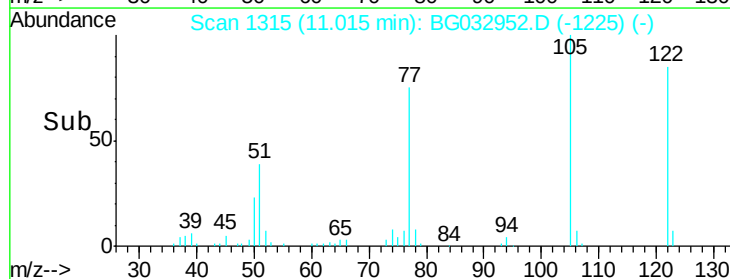
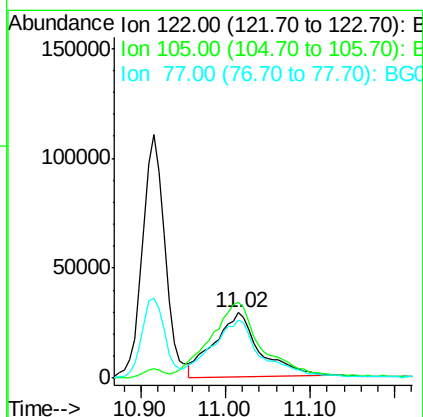
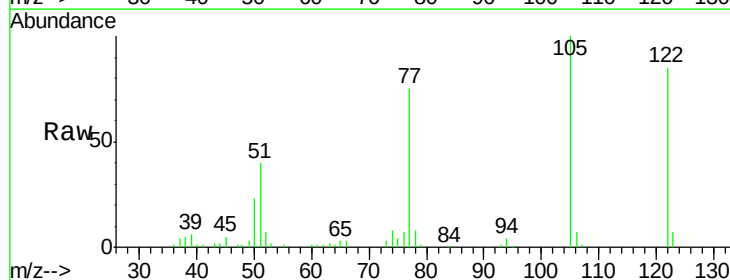
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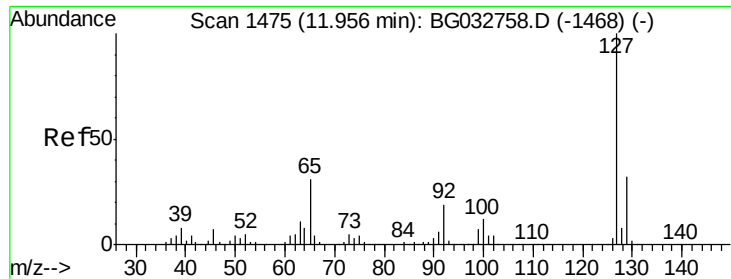
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#32
Benzoic acid
Concen: 43.148 ng
RT: 11.02 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG032952.D
Acq: 2 Mar 2018 19:09

Tgt Ion	Ratio	Lower	Upper
122	100		
105	117.2	123.5	163.5#
77	88.3	85.7	125.7





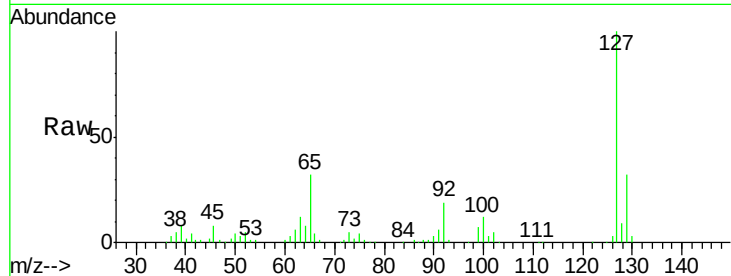
#33
4-Chloroaniline
Concen: 19.349 ng
RT: 11.94 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BG032952.D
Acq: 2 Mar 2018 19:09

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-17MS

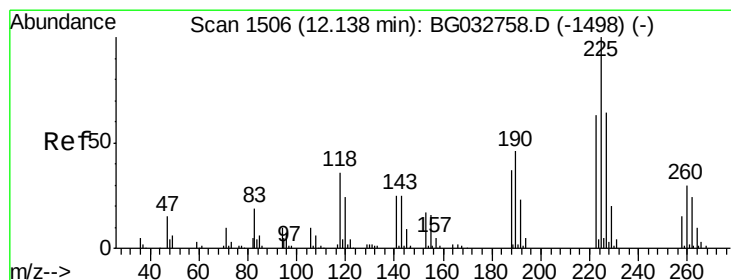
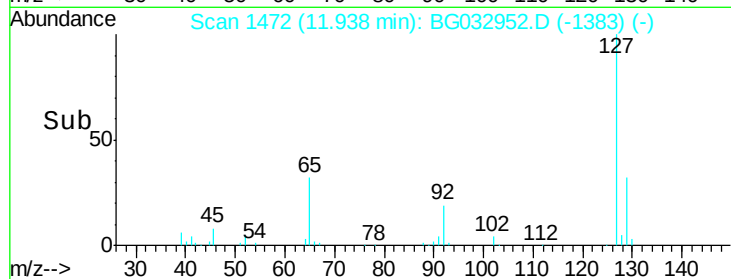
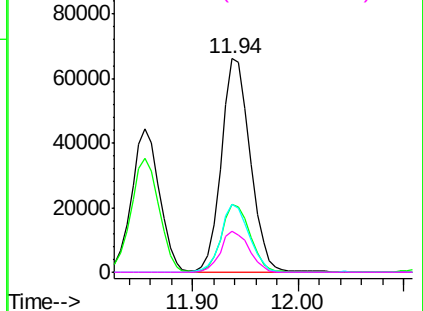
Tot Ion	Ratio	Lower	Upper
127	100		
129	31.7	24.0	36.0
65	31.9	27.0	40.4
92	19.1	16.6	25.0

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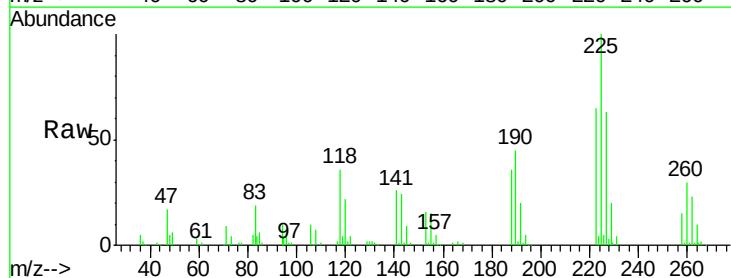


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

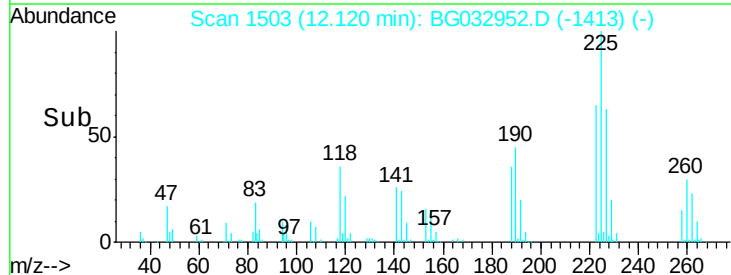
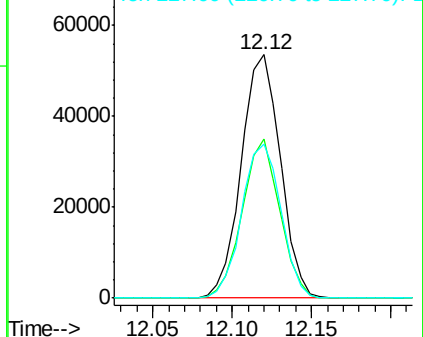


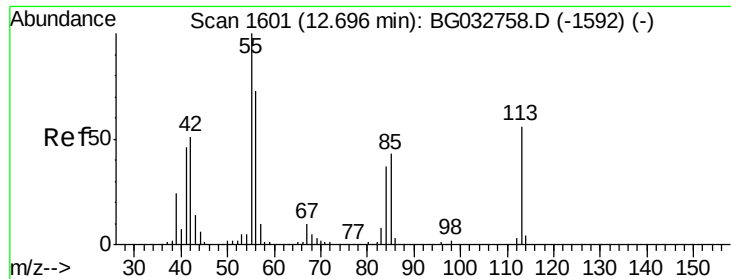
#34
Hexachlorobutadiene
Concen: 36.399 ng
RT: 12.12 min Scan# 1503
Delta R.T. -0.00 min
Lab File: BG032952.D
Acq: 2 Mar 2018 19:09

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.3	49.7	74.5
227	63.4	48.1	72.1



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





#35

Caprolactam

Concen: 47.417 ng

RT: 12.69 min Scan# 1600

Delta R.T. -0.00 min

Lab File: BG032952.D

Acq: 2 Mar 2018 19:09

Instrument :

BNA_G

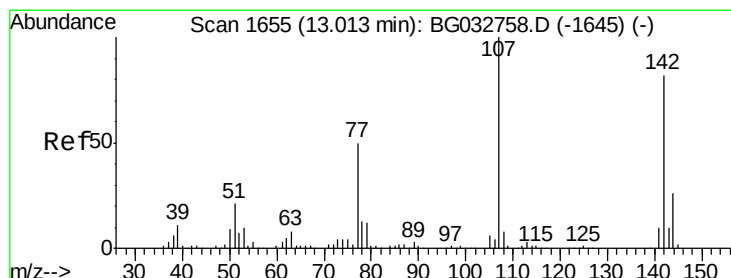
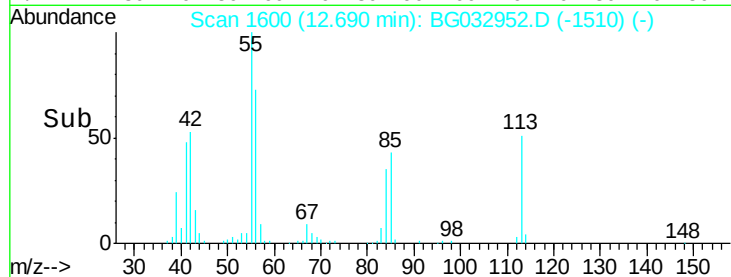
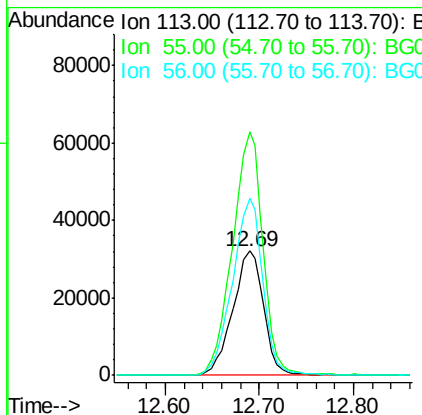
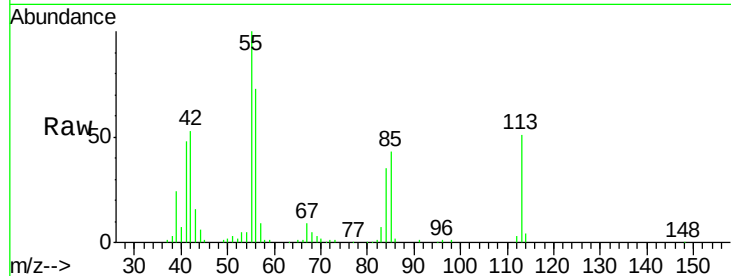
ClientSampleId :

CLEAN-SAND-17MS

Tot Ion:	113	Resp:	72860
Ion	Ratio	Lower	Upper
113	100		
55	196.1	186.9	226.9
56	142.5	130.9	170.9

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#36

4-Chloro-3-methylphenol

Concen: 47.876 ng

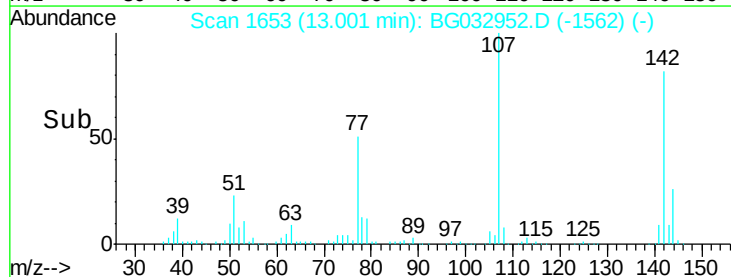
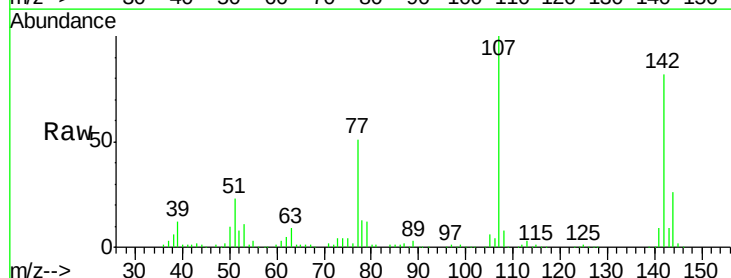
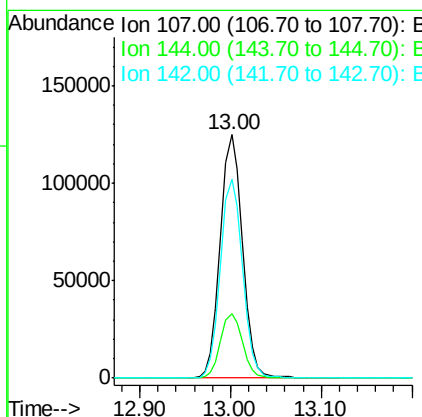
RT: 13.00 min Scan# 1653

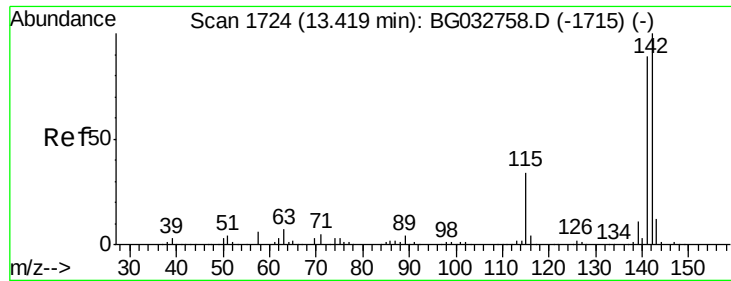
Delta R.T. 0.00 min

Lab File: BG032952.D

Acq: 2 Mar 2018 19:09

Tgt Ion:	107	Resp:	213803
Ion	Ratio	Lower	Upper
107	100		
144	26.3	18.2	27.4
142	81.9	59.0	88.4





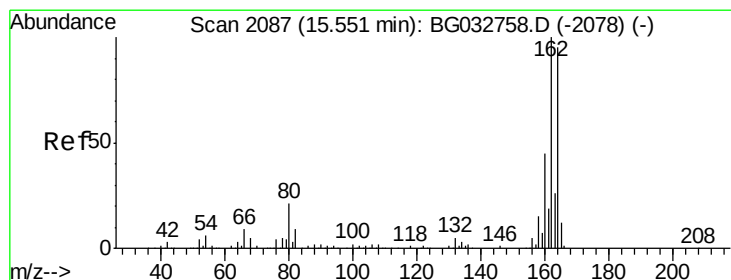
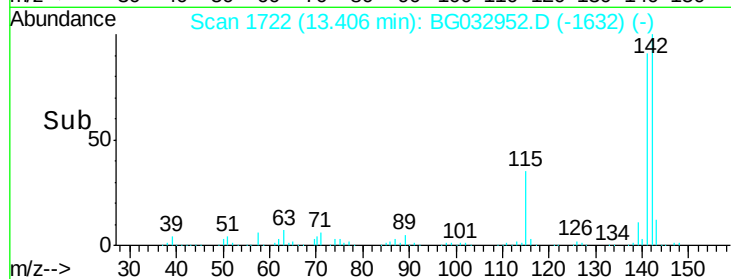
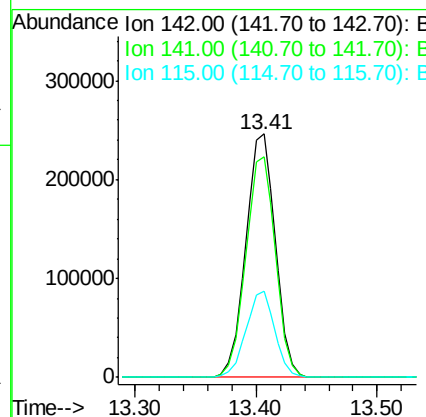
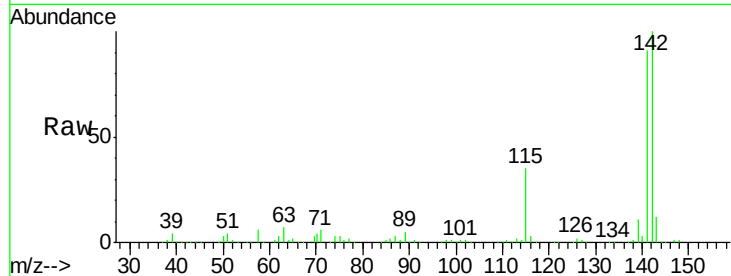
#37
2-Methylnaphthalene
Concen: 39.966 ng
RT: 13.41 min Scan# 1722
Delta R.T. -0.00 min
Lab File: BG032952.D
Acq: 2 Mar 2018 19:09

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-17MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.7	67.1	100.7
115	35.2	30.7	46.1

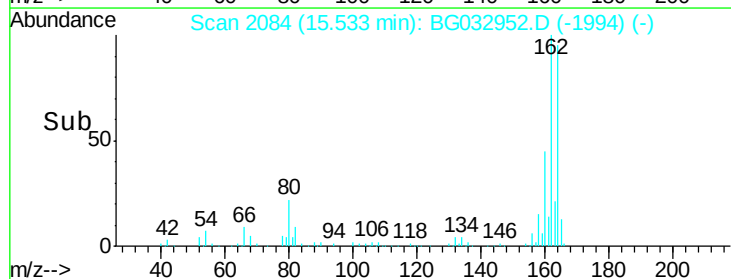
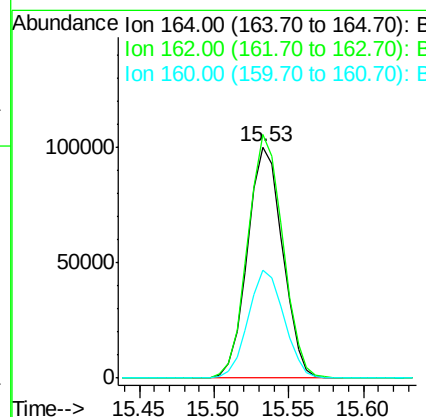
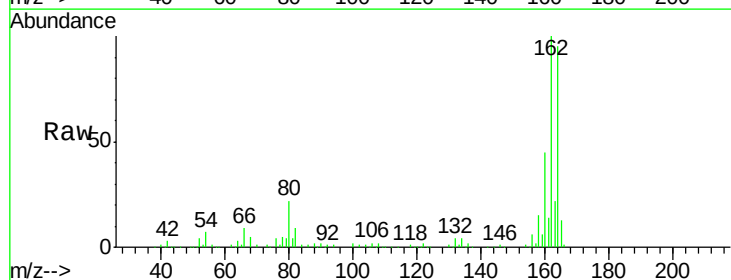
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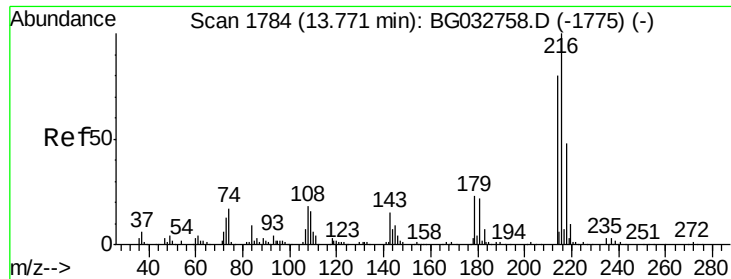
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.53 min Scan# 2084
Delta R.T. -0.00 min
Lab File: BG032952.D
Acq: 2 Mar 2018 19:09

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.4	78.8	118.2
160	46.9	35.4	53.0





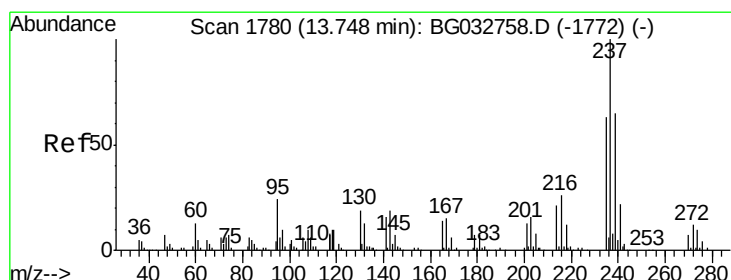
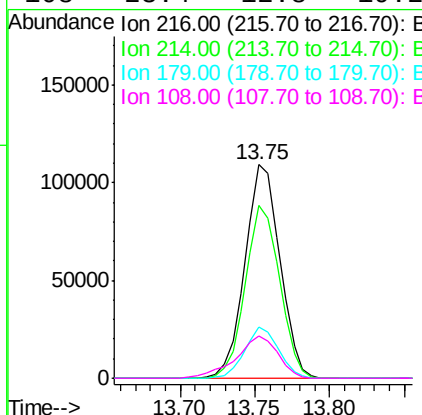
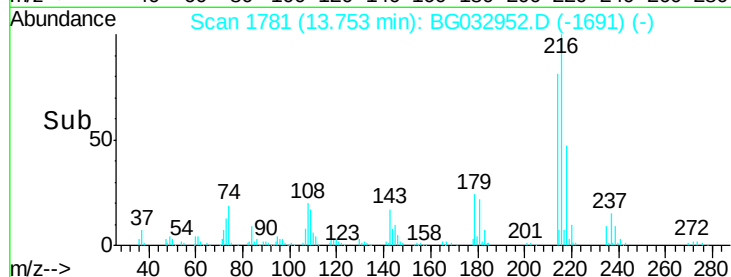
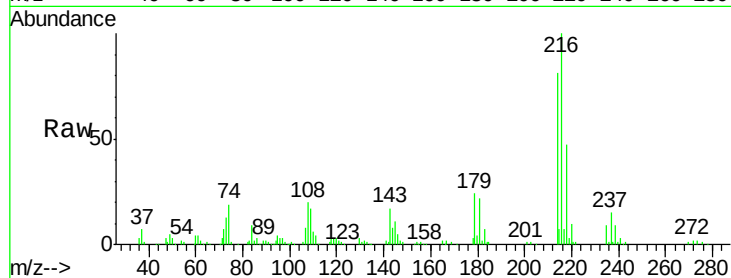
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.694 ng
 RT: 13.75 min Scan# 1781
 Delta R.T. -0.00 min
 Lab File: BG032952.D
 Acq: 2 Mar 2018 19:09

Instrument :
 BNA_G
 ClientSampleId :
 CLEAN-SAND-17MS

Tot Ion:	216	Resp:	176576
Ion Ratio		Lower	Upper
216	100		
214	79.3	63.0	94.4
179	23.3	17.0	25.6
108	23.4	12.8	19.2#

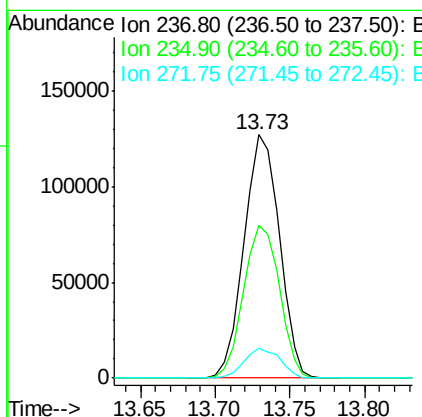
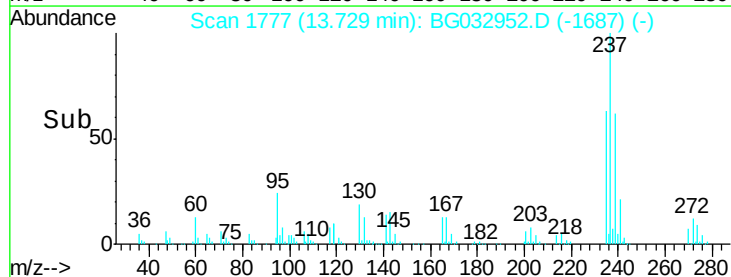
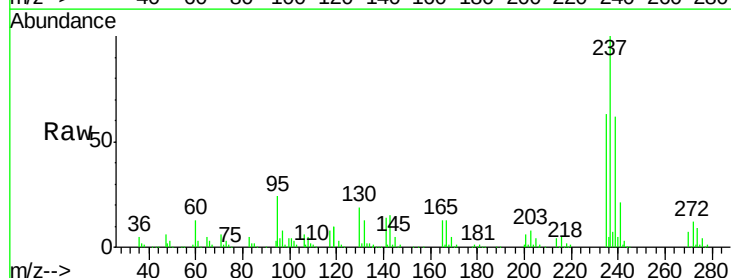
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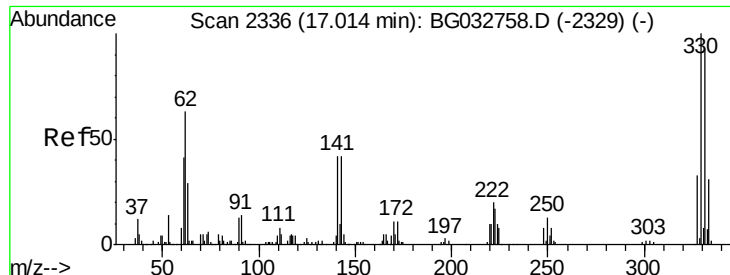
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#40
 Hexachlorocyclopentadiene
 Concen: 85.111 ng
 RT: 13.73 min Scan# 1777
 Delta R.T. -0.00 min
 Lab File: BG032952.D
 Acq: 2 Mar 2018 19:09

Tgt Ion:	237	Resp:	208729
Ion Ratio		Lower	Upper
237	100		
235	62.7	50.4	90.4
272	12.5	0.0	31.8





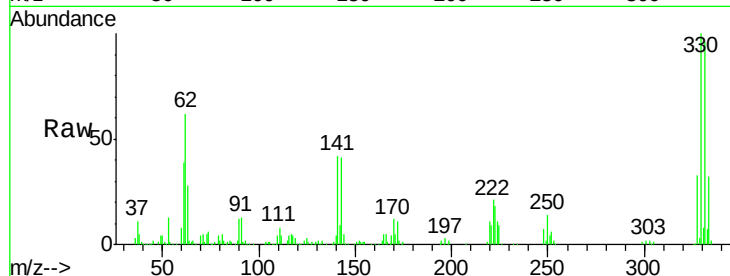
#41
 2,4,6-Tribromophenol
 Concen: 132.205 ng
 RT: 17.01 min Scan# 2335
 Delta R.T. 0.00 min
 Lab File: BG032952.D
 Acq: 2 Mar 2018 19:09

Instrument :
 BNA_G
 ClientSampleId :
 CLEAN-SAND-17MS

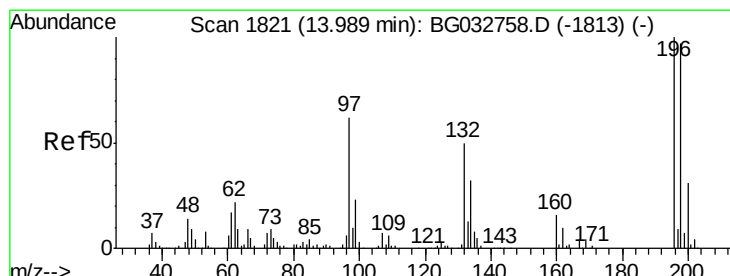
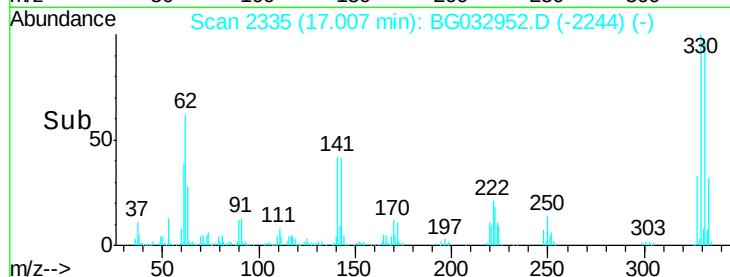
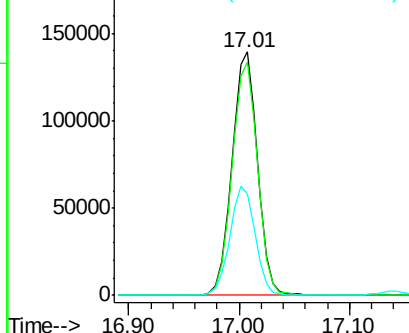
Tot Ion	Ratio	Resp	Lower	Upper
330	100	225339		
332	96.3	77.0	115.6	
141	44.7	25.2	37.8	

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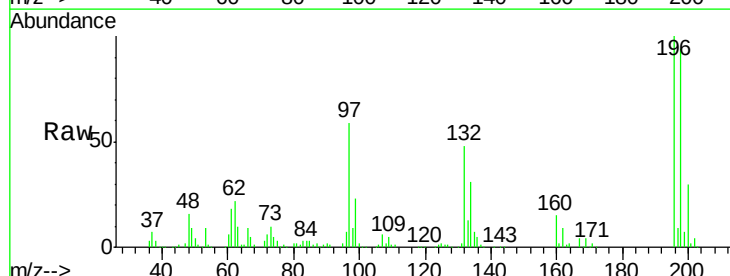


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

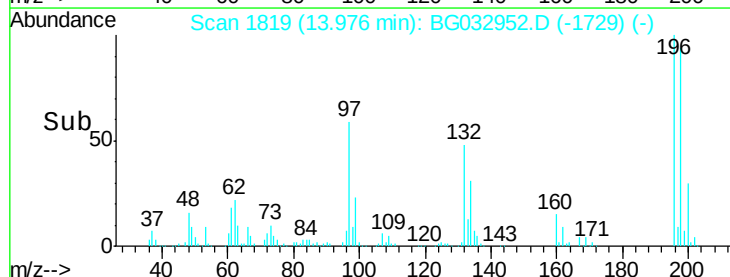
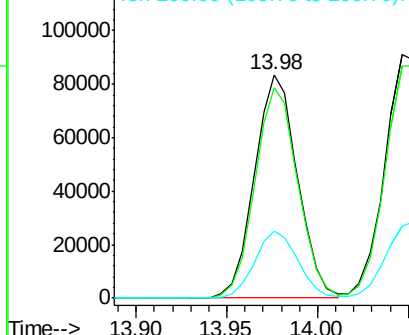


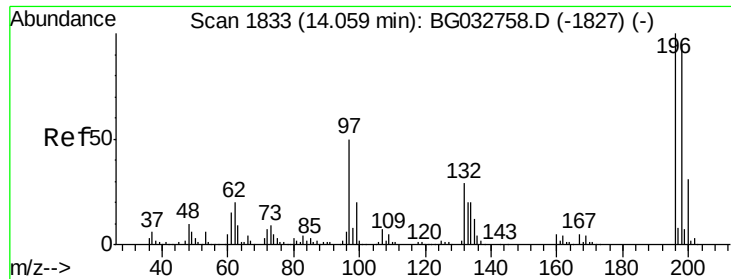
#42
 2,4,6-Trichlorophenol
 Concen: 45.326 ng
 RT: 13.98 min Scan# 1819
 Delta R.T. -0.00 min
 Lab File: BG032952.D
 Acq: 2 Mar 2018 19:09

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	137550		
198	94.3	78.2	117.2	
200	29.9	24.6	36.8	



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





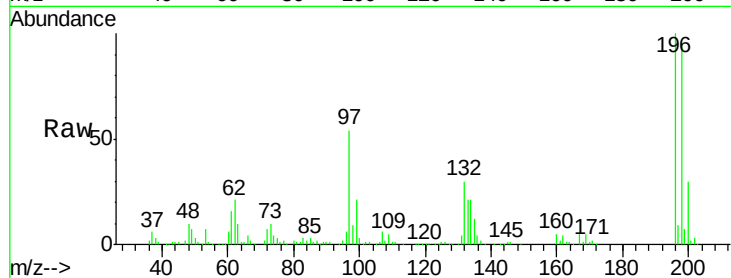
#43
 2,4,5-Trichlorophenol
 Concen: 43.451 ng
 RT: 14.05 min Scan# 1831
 Delta R.T. -0.00 min
 Lab File: BG032952.D
 Acq: 2 Mar 2018 19:09

Instrument :
 BNA_G
 ClientSampleId :
 CLEAN-SAND-17MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	152613		
198	95.5	76.2	114.4	
97	53.6	38.7	58.1	
132	30.3	20.2	30.2	

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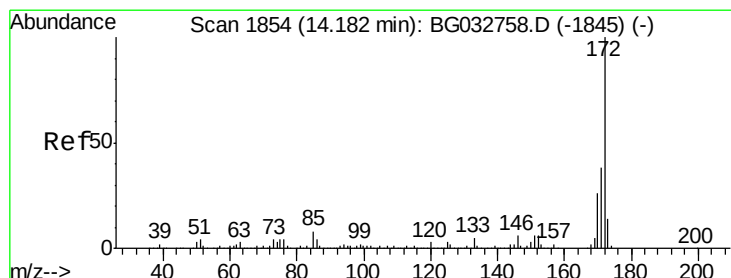
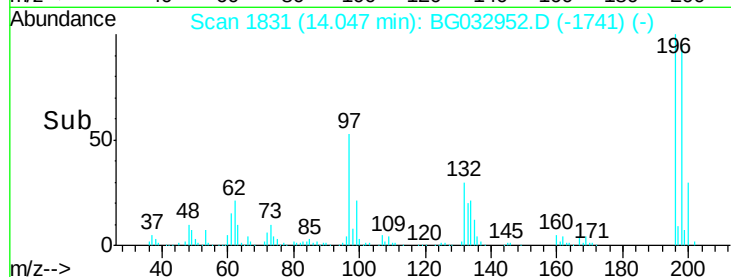
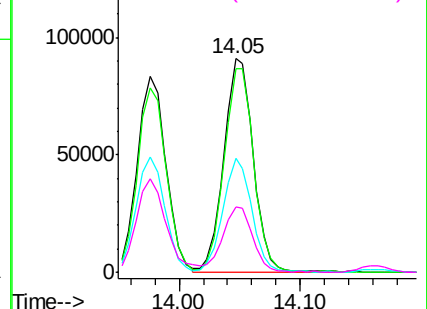
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BG

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 73.739 ng
 RT: 14.16 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: BG032952.D
 Acq: 2 Mar 2018 19:09

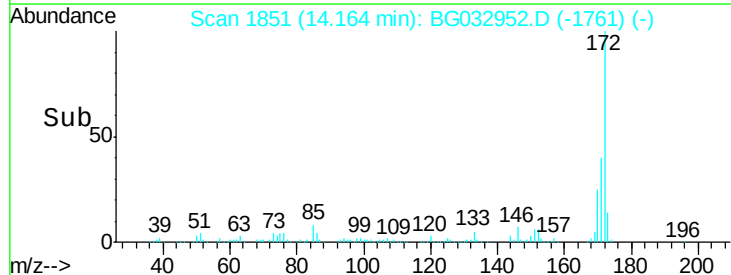
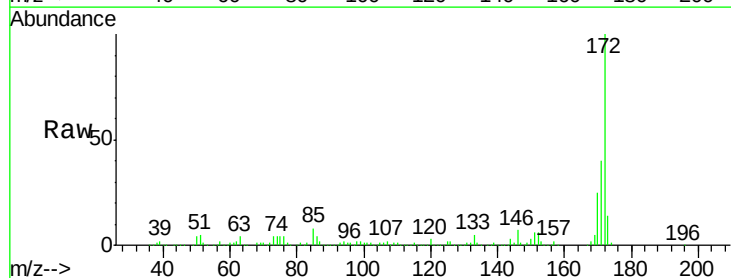
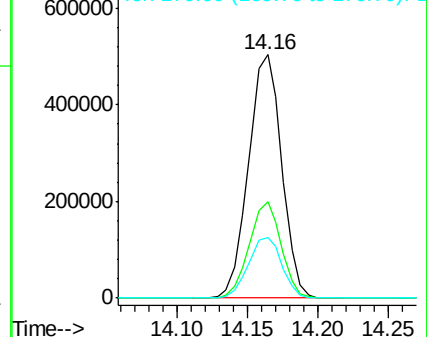
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	828800		
171	39.6	30.0	45.0	
170	24.9	19.5	29.3	

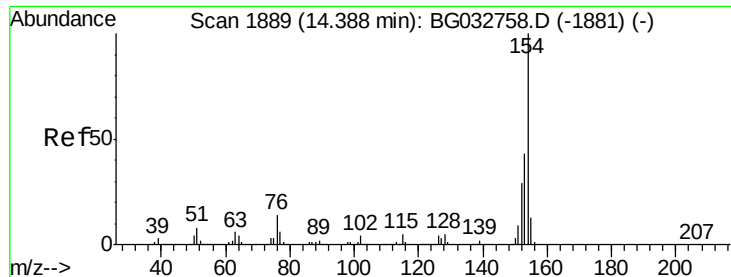
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





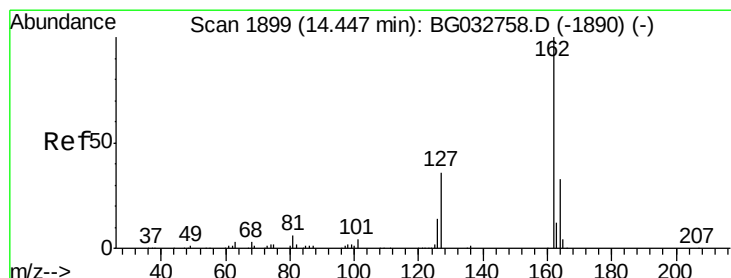
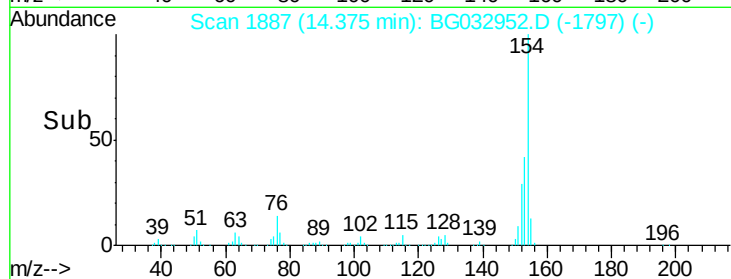
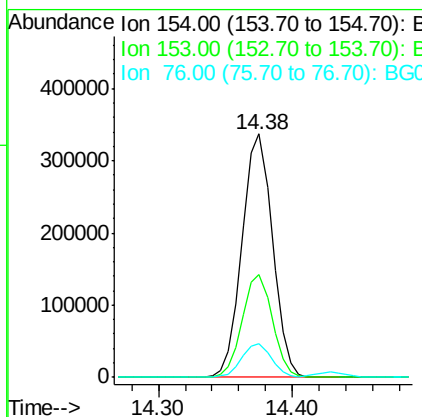
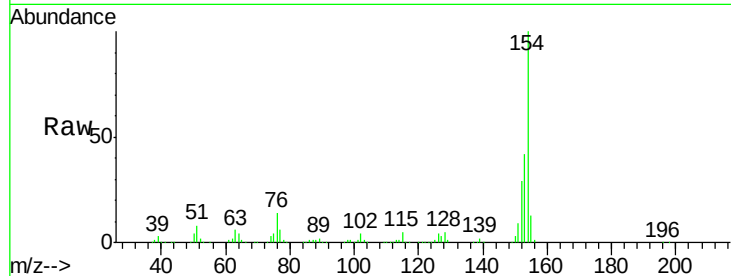
#45
1,1'-Biphenyl
Concen: 37.490 ng
RT: 14.38 min Scan# 1887
Delta R.T. -0.00 min
Lab File: BG032952.D
Acq: 2 Mar 2018 19:09

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-17MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	42.3	19.8	59.8
76	13.9	0.0	31.9

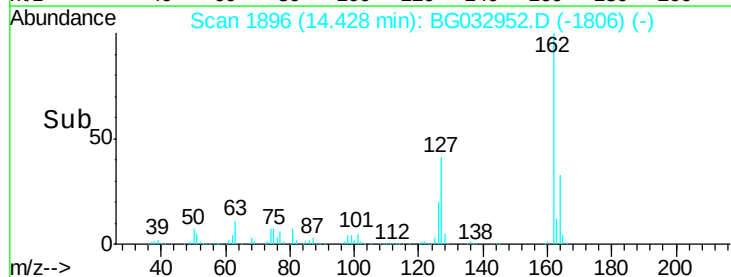
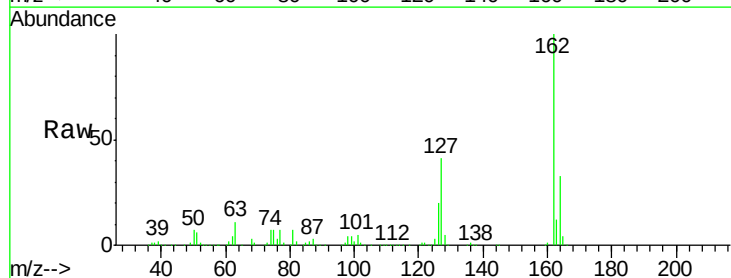
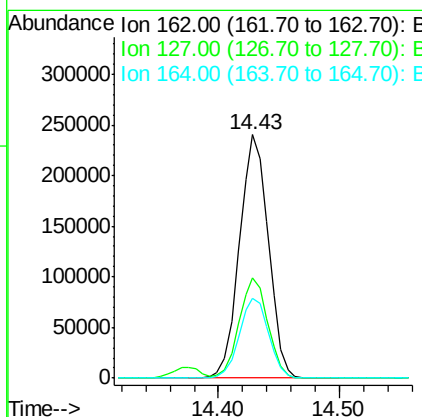
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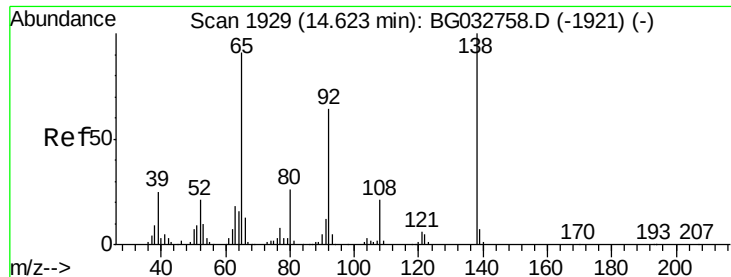
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#46
2-Chloronaphthalene
Concen: 37.853 ng
RT: 14.43 min Scan# 1896
Delta R.T. -0.00 min
Lab File: BG032952.D
Acq: 2 Mar 2018 19:09

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.0	30.7	46.1
164	32.9	26.0	39.0





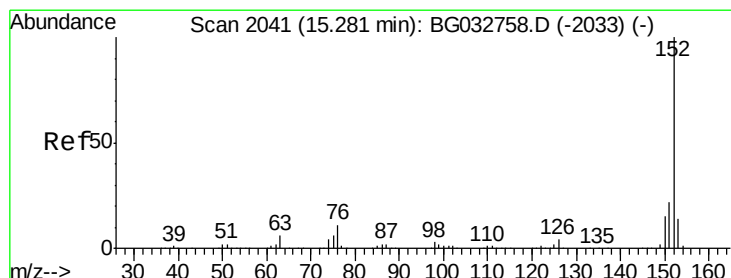
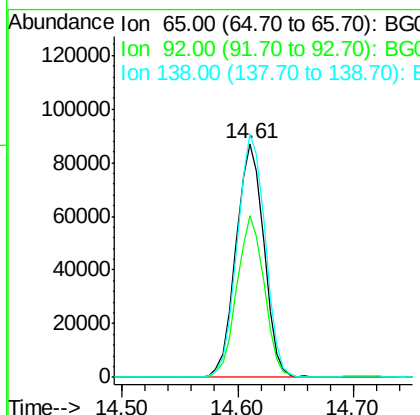
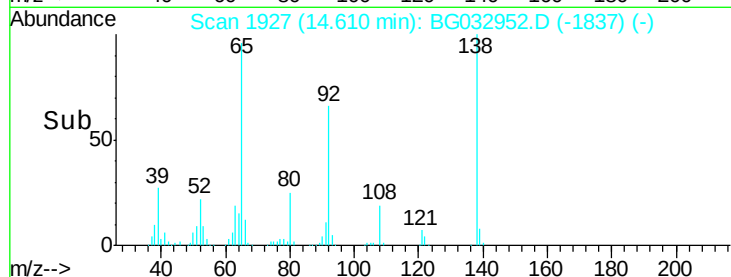
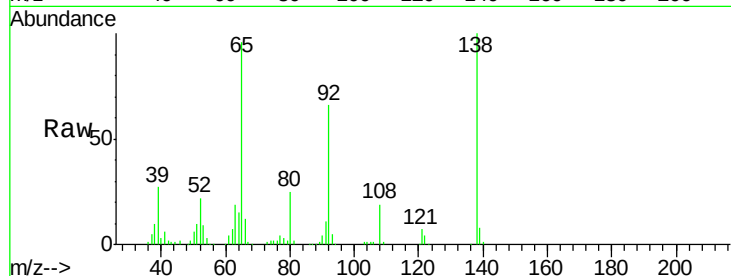
#47
2-Nitroaniline
Concen: 53.208 ng
RT: 14.61 min Scan# 1927
Delta R.T. -0.00 min
Lab File: BG032952.D
Acq: 2 Mar 2018 19:09

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-17MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	69.1	54.6	82.0
138	104.3	72.9	109.3

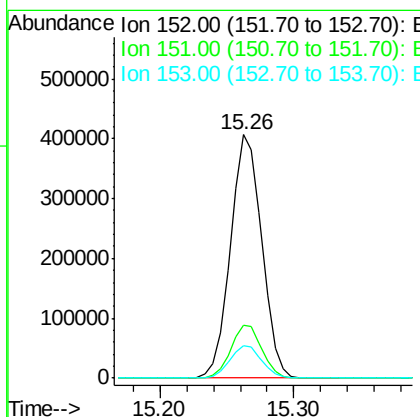
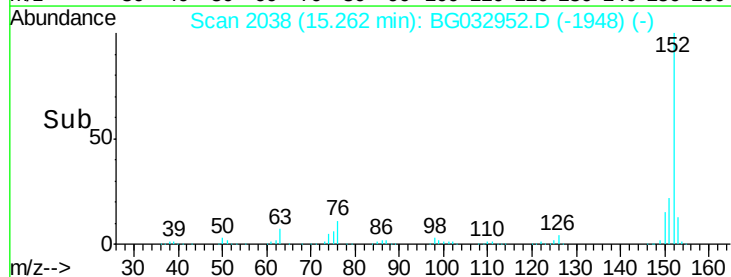
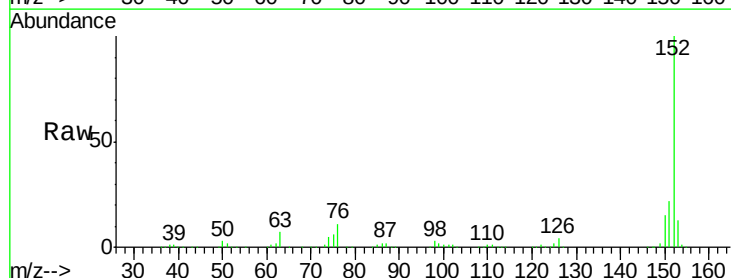
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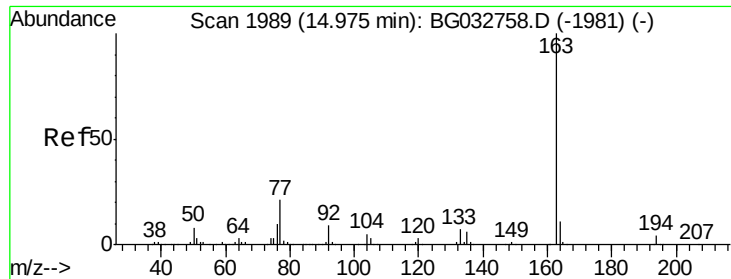
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#48
Acenaphthylene
Concen: 38.264 ng
RT: 15.26 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BG032952.D
Acq: 2 Mar 2018 19:09

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.9	17.2	25.8
153	13.4	10.2	15.4





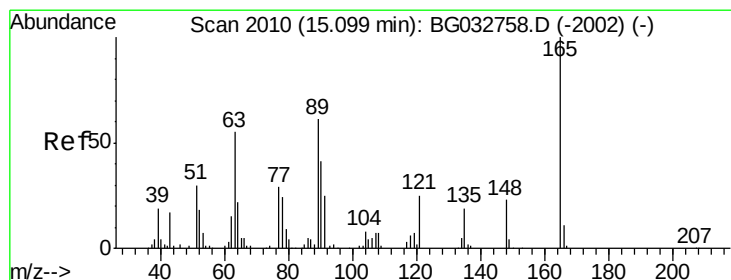
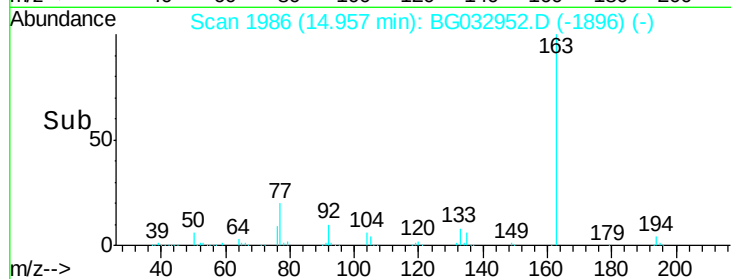
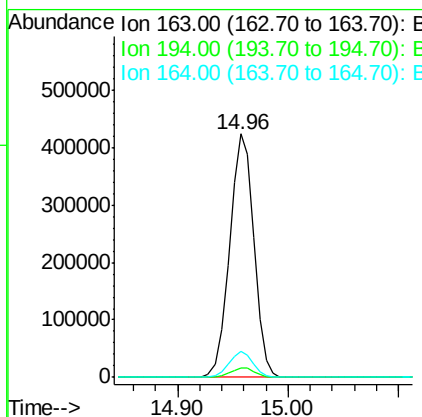
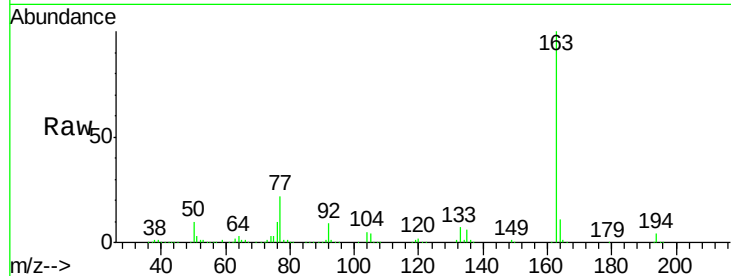
#49
Dimethylphthalate
Concen: 47.288 ng
RT: 14.96 min Scan# 1986
Delta R.T. -0.00 min
Lab File: BG032952.D
Acq: 2 Mar 2018 19:09

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-17MS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	650873		
194	4.0		3.4	5.2
164	10.6		8.2	12.4

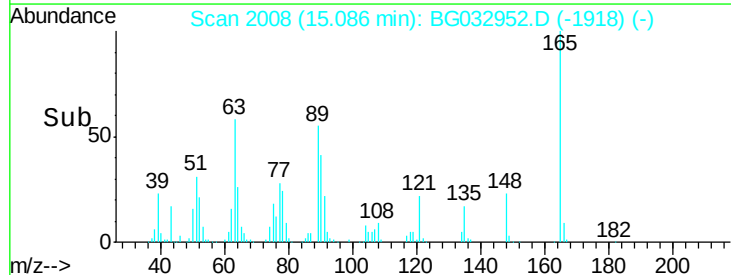
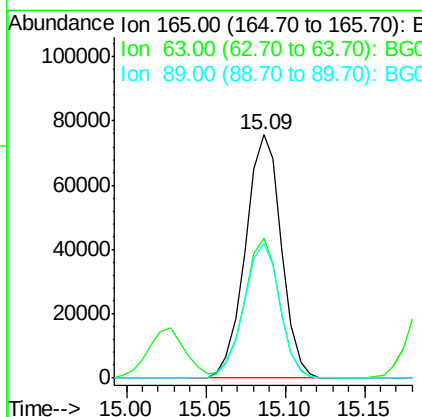
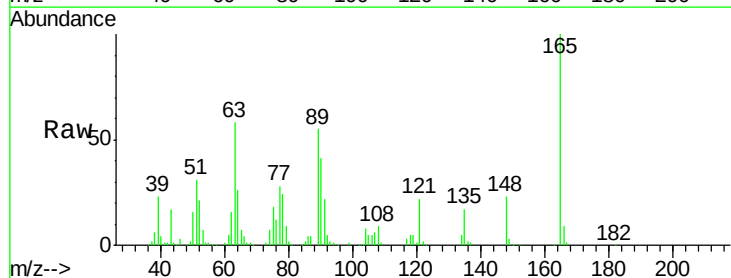
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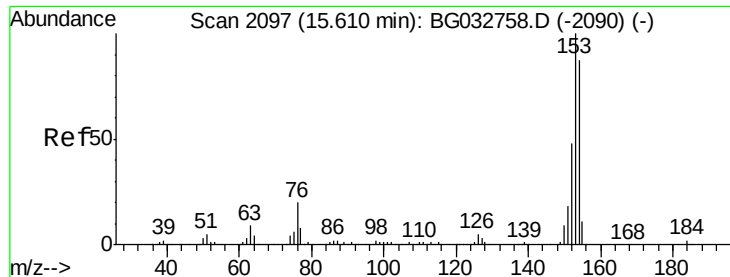
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#50
2,6-Dinitrotoluene
Concen: 51.426 ng
RT: 15.09 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BG032952.D
Acq: 2 Mar 2018 19:09

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	118933		
63	57.5		52.7	79.1
89	55.5		49.2	73.8





#51

Acenaphthene

Concen: 41.269 ng

RT: 15.60 min Scan# 2095

Delta R.T. -0.00 min

Lab File: BG032952.D

Acq: 2 Mar 2018 19:09

Instrument :

BNA_G

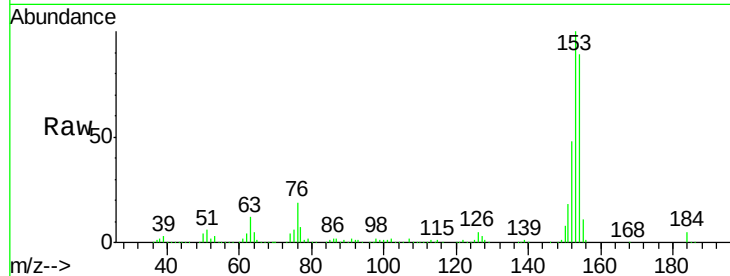
ClientSampleId :

CLEAN-SAND-17MS

Tot Ion:	154	Resp:	445262
Ion Ratio	Lower	Upper	
154	100		
153	112.5	90.4	135.6
152	53.6	41.6	62.4

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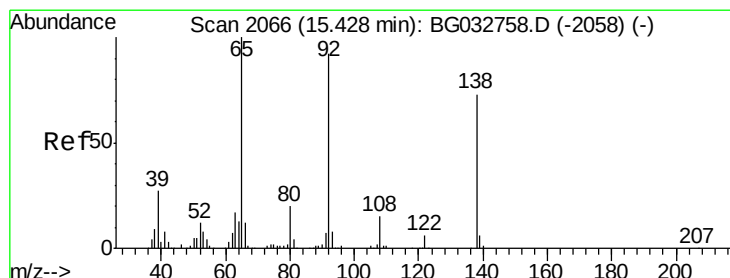
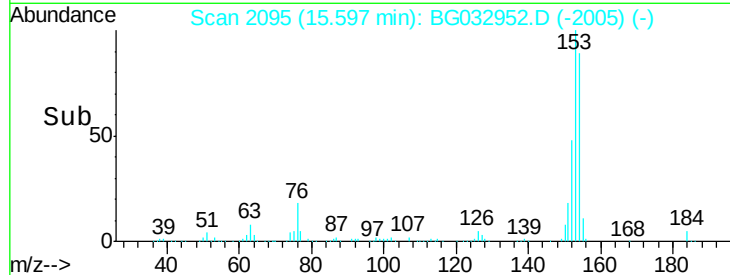
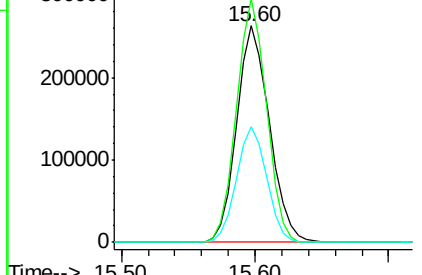
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 32.969 ng

RT: 15.42 min Scan# 2064

Delta R.T. -0.00 min

Lab File: BG032952.D

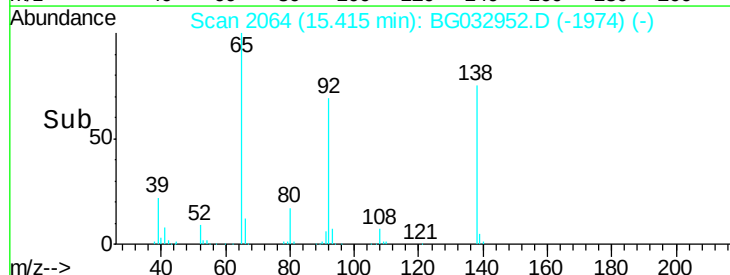
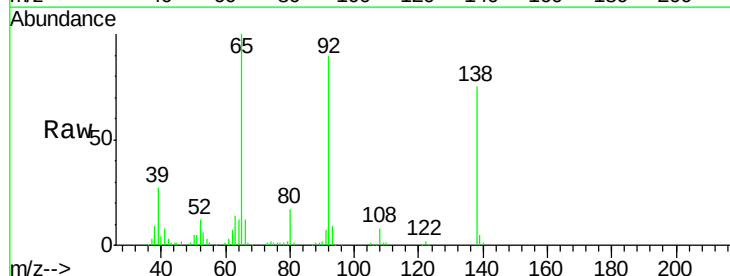
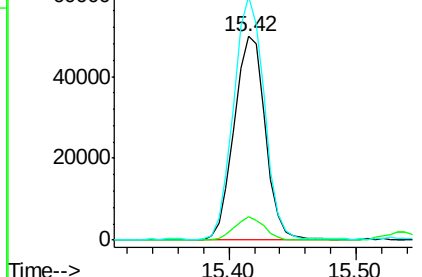
Acq: 2 Mar 2018 19:09

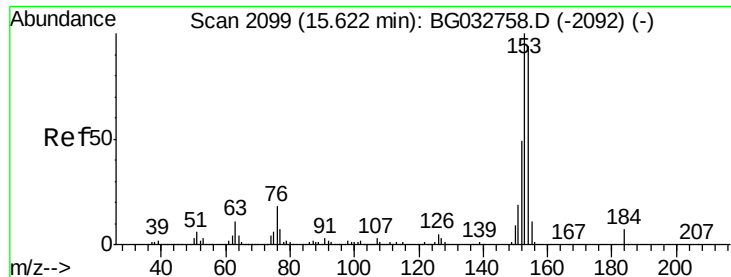
Tgt Ion:	138	Resp:	85021
Ion Ratio	Lower	Upper	
138	100		
108	11.3	17.5	26.3#
92	119.5	105.8	158.8

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): BG





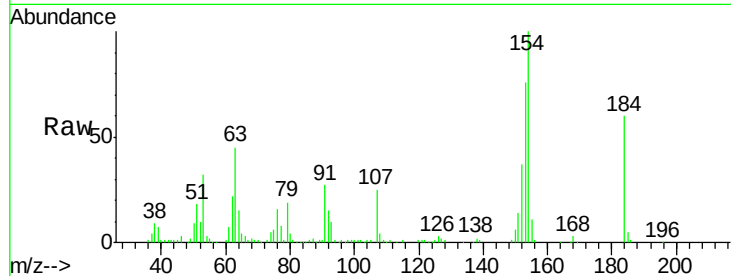
#53
2,4-Dinitrophenol
Concen: 107.775 ng
RT: 15.61 min Scan# 2098
Delta R.T. 0.00 min
Lab File: BG032952.D
Acq: 2 Mar 2018 19:09

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-17MS

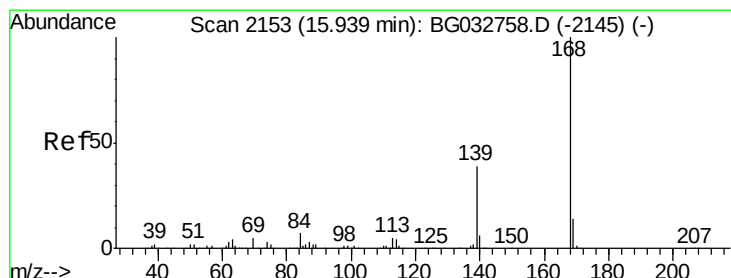
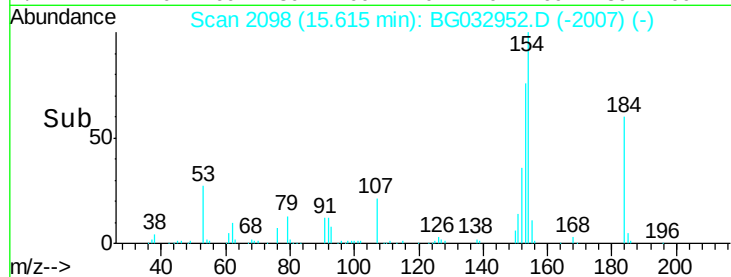
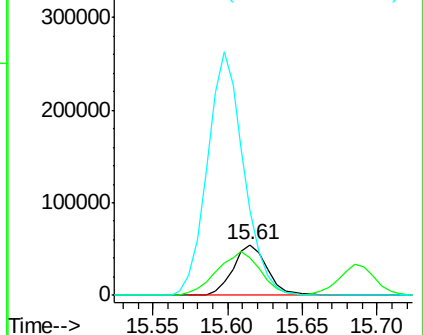
Tot Ion	Ratio	Lower	Upper
184	100		
63	74.8	59.8	89.8
154	167.8	101.8	152.8#

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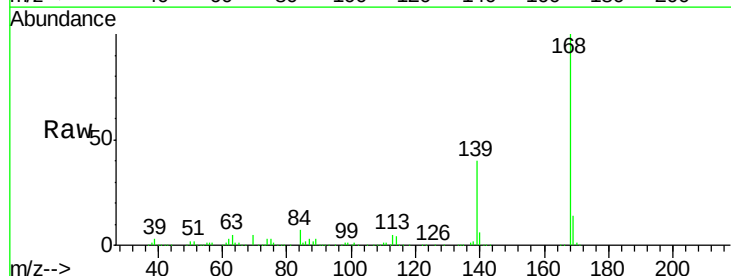


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

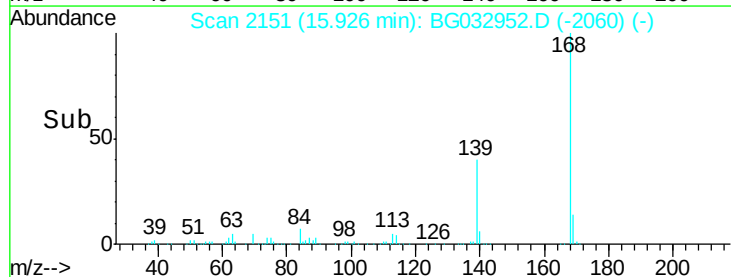
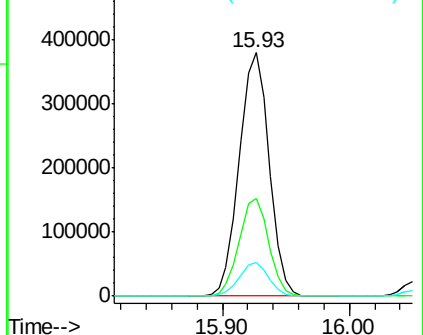


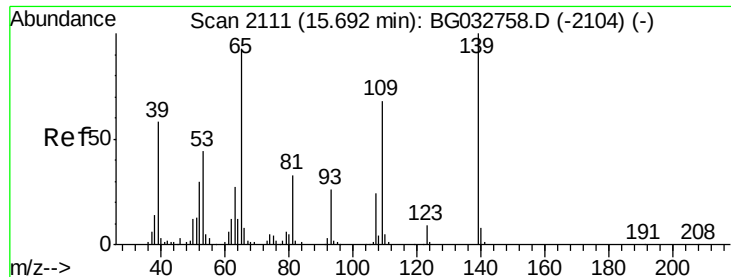
#54
Dibenzofuran
Concen: 40.322 ng
RT: 15.93 min Scan# 2151
Delta R.T. 0.00 min
Lab File: BG032952.D
Acq: 2 Mar 2018 19:09

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.3	28.6	43.0
169	13.7	11.2	16.8



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





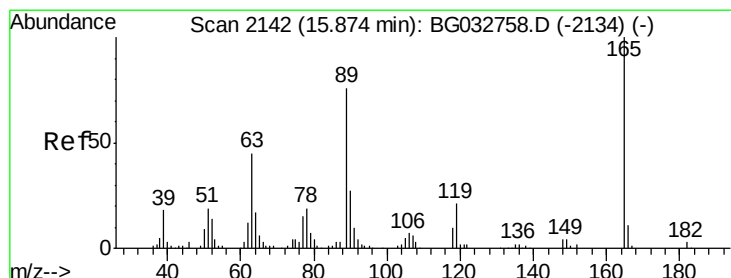
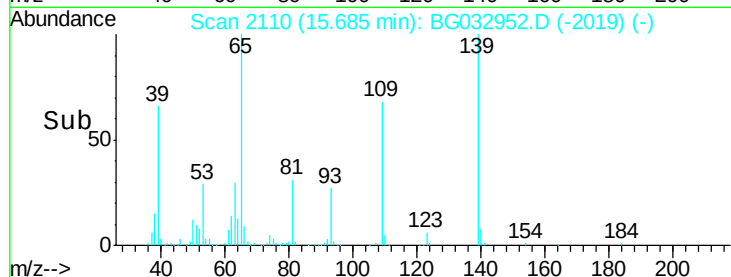
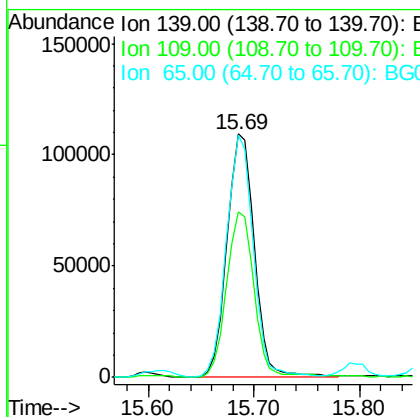
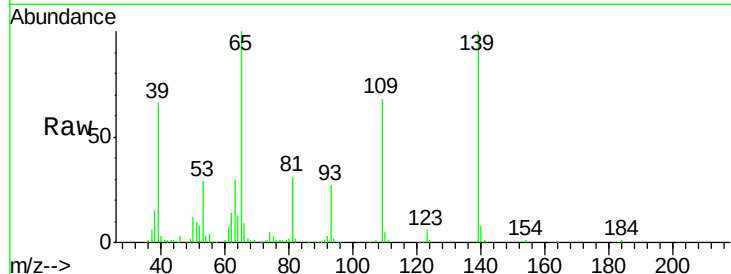
#55
4-Nitrophenol
Concen: 86.654 ng
RT: 15.69 min Scan# 2110
Delta R.T. 0.00 min
Lab File: BG032952.D
Acq: 2 Mar 2018 19:09

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-17MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	196771		
109	67.8	62.2	102.2	
65	99.7	97.2	137.2	

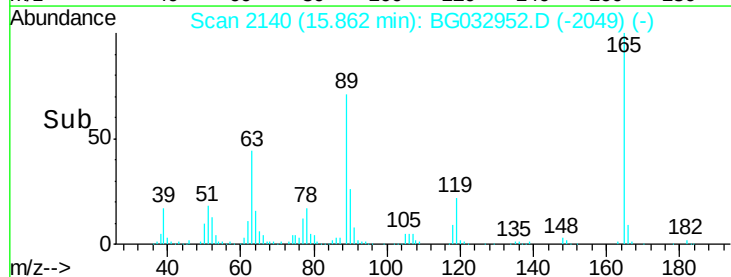
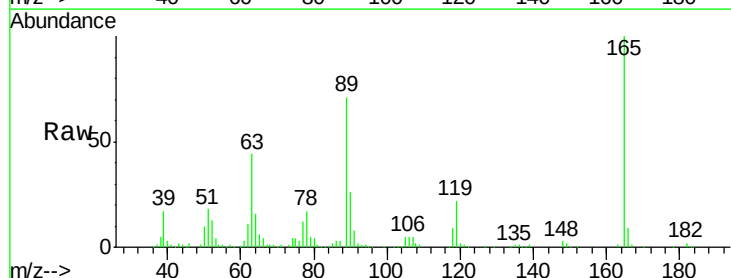
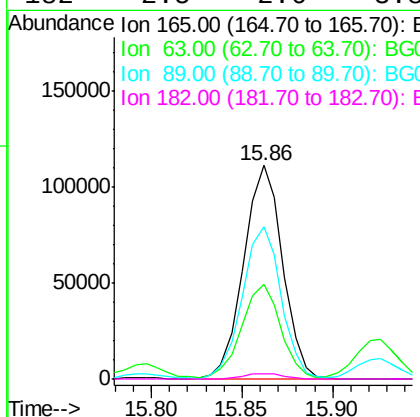
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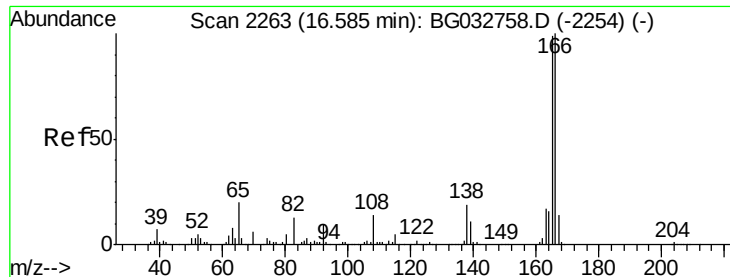
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#56
2,4-Dinitrotoluene
Concen: 58.564 ng
RT: 15.86 min Scan# 2140
Delta R.T. 0.00 min
Lab File: BG032952.D
Acq: 2 Mar 2018 19:09

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	165548		
63	44.4	42.0	63.0	
89	71.1	66.9	100.3	
182	2.5	2.6	3.8#	





#57

Fluorene

Concen: 39.509 ng

RT: 16.57 min Scan# 2260

Delta R.T. -0.00 min

Lab File: BG032952.D

Acq: 2 Mar 2018 19:09

Instrument :

BNA_G

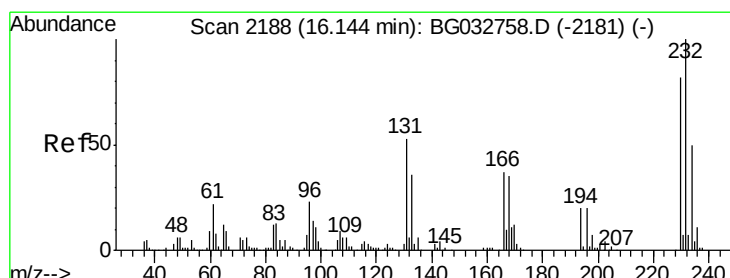
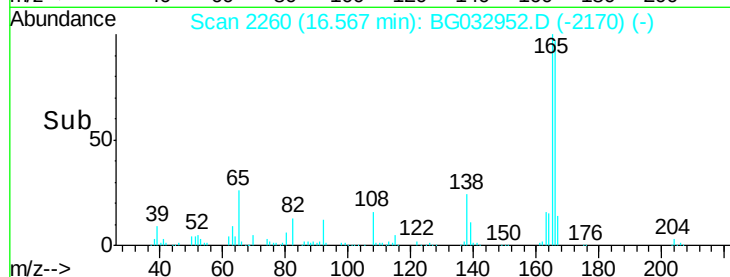
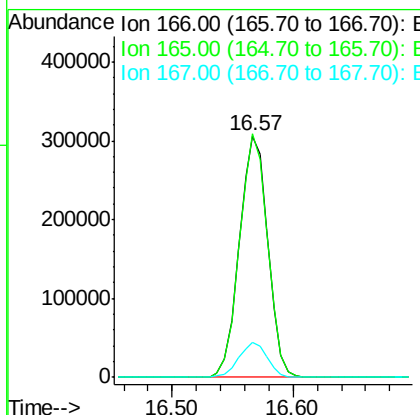
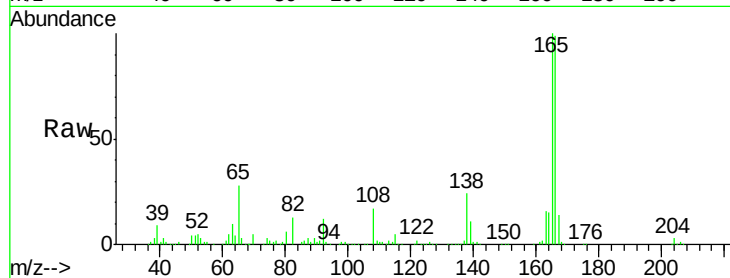
ClientSampleId :

CLEAN-SAND-17MS

Tot Ion:	166	Resp:	500969
Ion Ratio		Lower	Upper
166	100		
165	100.8	80.6	121.0
167	14.6	10.4	15.6

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#58

2,3,4,6-Tetrachlorophenol

Concen: 47.463 ng m

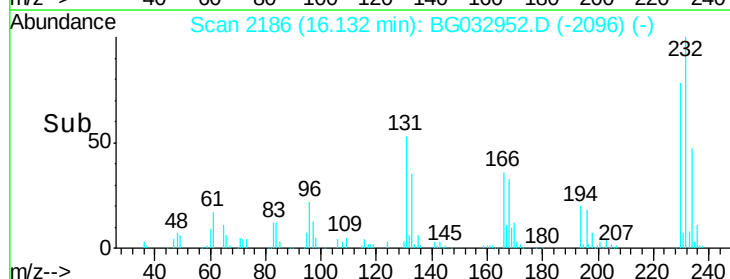
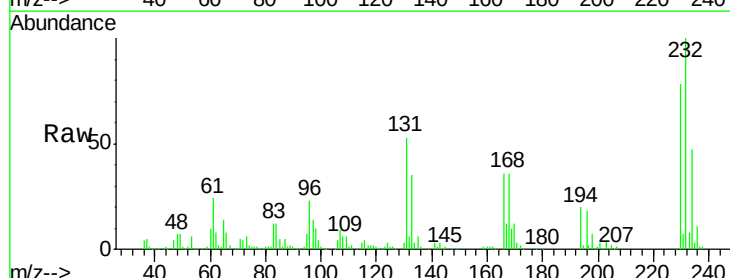
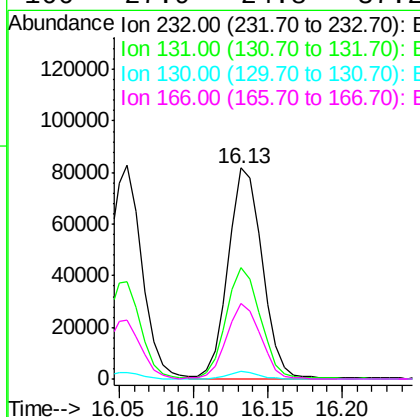
RT: 16.13 min Scan# 2186

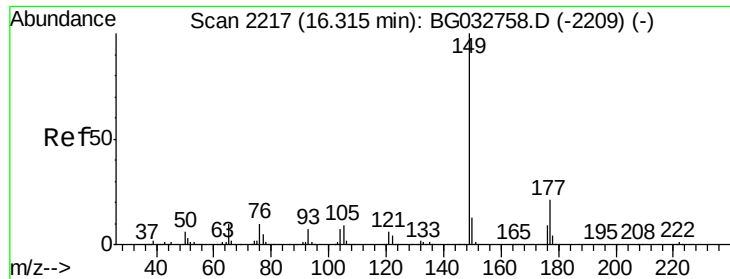
Delta R.T. -0.00 min

Lab File: BG032952.D

Acq: 2 Mar 2018 19:09

Tgt Ion:	232	Resp:	129429
Ion Ratio		Lower	Upper
232	100		
131	46.3	33.5	50.3
130	3.0	2.2	3.2
166	27.9	24.8	37.2





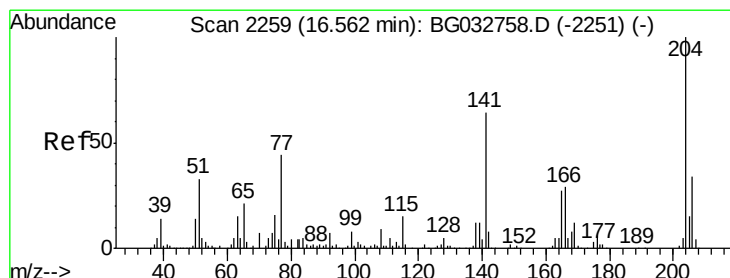
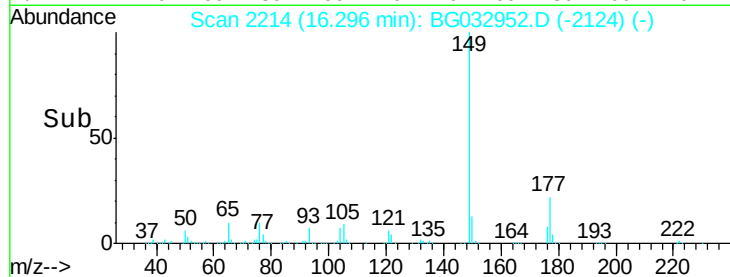
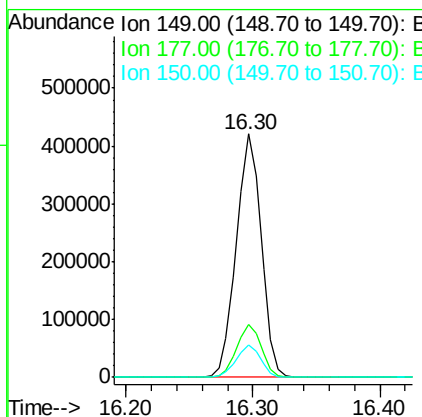
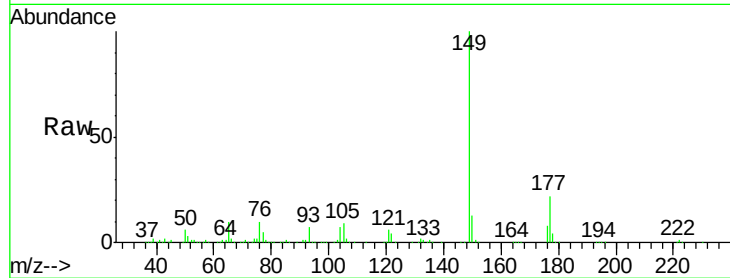
#59
Diethylphthalate
Concen: 39.425 ng
RT: 16.30 min Scan# 2214
Delta R.T. -0.00 min
Lab File: BG032952.D
Acq: 2 Mar 2018 19:09

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-17MS

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.5	18.5	27.7
150	13.1	10.2	15.2

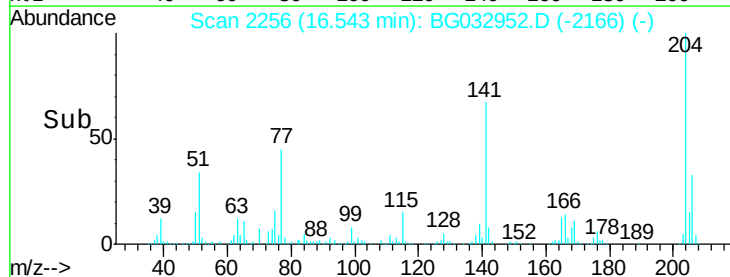
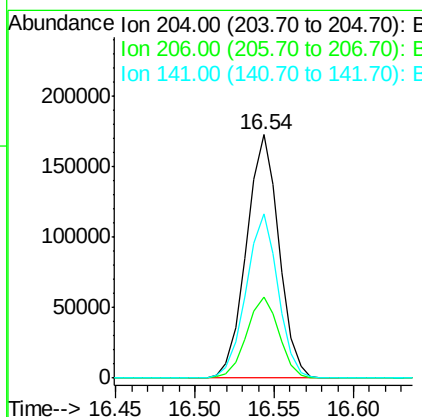
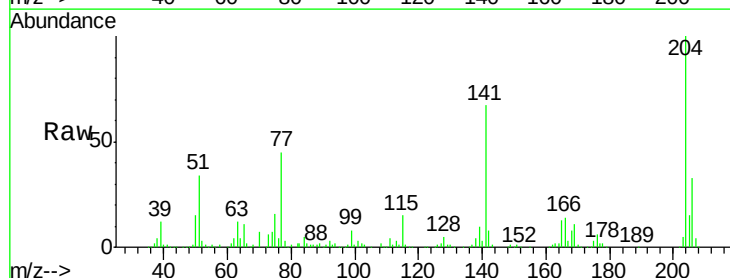
Manual Integrations
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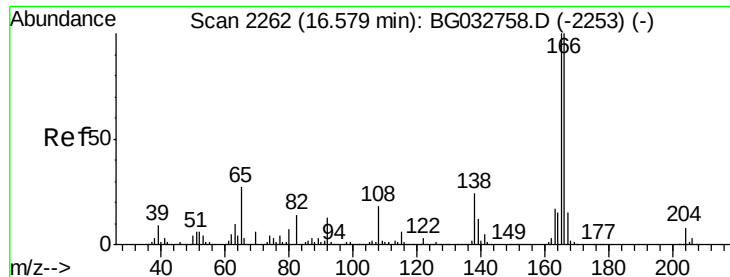
Sohil
3/5/2018 3:18:04 PM



#60
4-Chlorophenyl-phenylether
Concen: 39.592 ng
RT: 16.54 min Scan# 2256
Delta R.T. -0.00 min
Lab File: BG032952.D
Acq: 2 Mar 2018 19:09

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.2	39.2
141	67.2	45.8	68.6





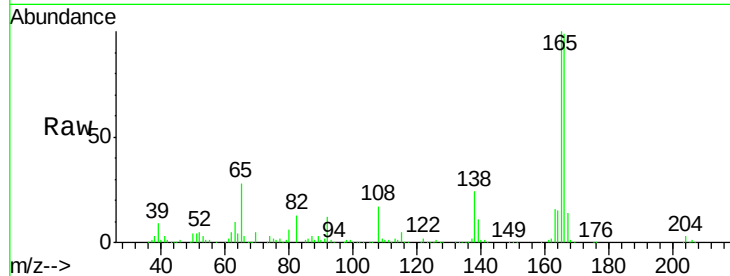
#61
4-Nitroaniline
Concen: 43.069 ng
RT: 16.57 min Scan# 2260
Delta R.T. -0.00 min
Lab File: BG032952.D
Acq: 2 Mar 2018 19:09

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-17MS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	126511		
92	51.3	40.1	80.1	
108	68.9	65.4	105.4	

Manual Integrations
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Sohil
3/5/2018 3:18:04 PM

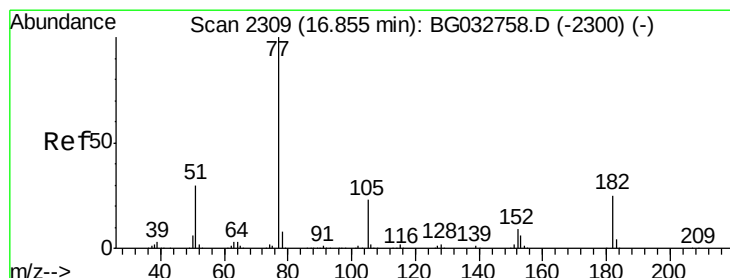
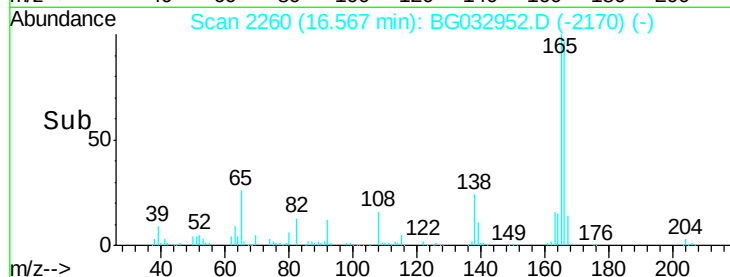
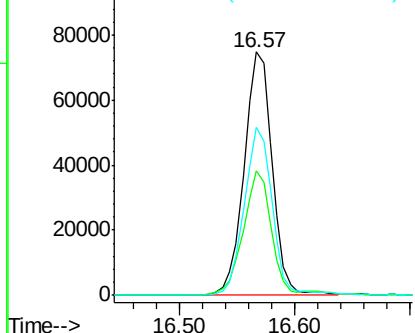


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62
Azobenzene
Concen: 44.277 ng
RT: 16.84 min Scan# 2306
Delta R.T. 0.00 min
Lab File: BG032952.D
Acq: 2 Mar 2018 19:09

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	575045		
182	26.1	7.4	47.4	
105	23.7	0.3	40.3	
51	33.1	11.6	51.6	

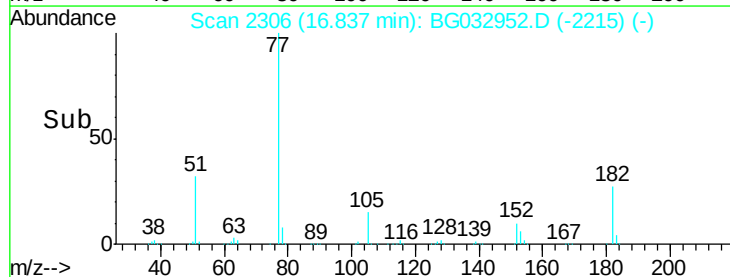
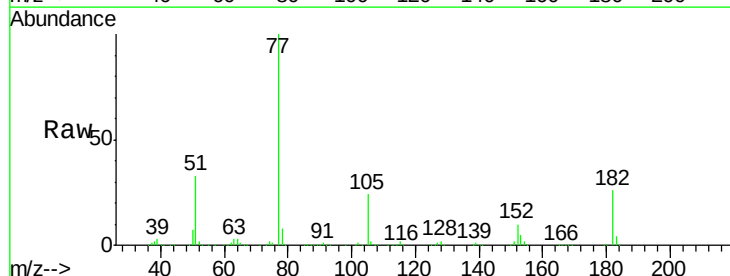
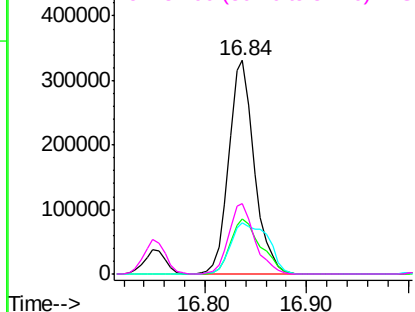
Abundance

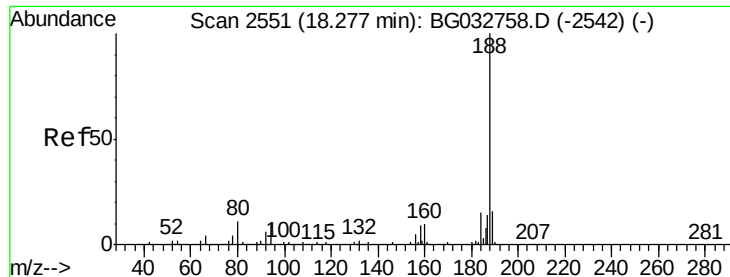
Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC





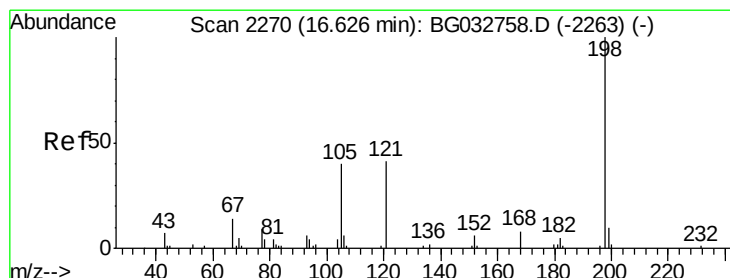
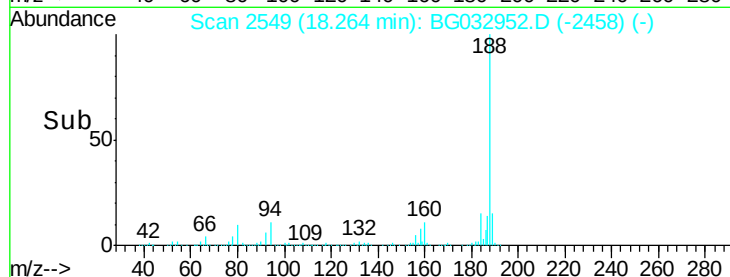
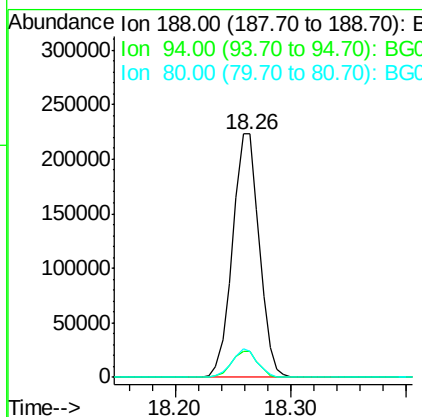
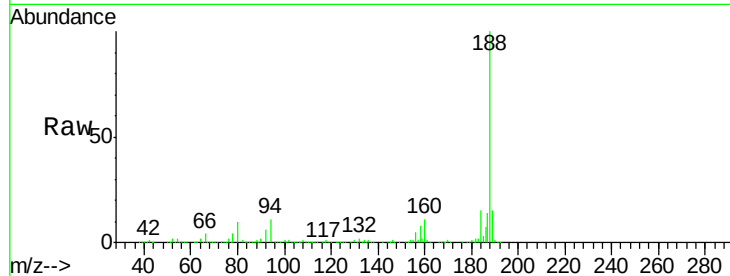
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.26 min Scan# 2549
Delta R.T. 0.00 min
Lab File: BG032952.D
Acq: 2 Mar 2018 19:09

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-17MS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.5	6.9	10.3#
80	10.4	7.7	11.5

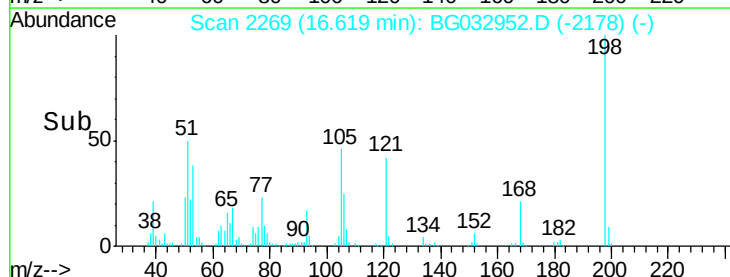
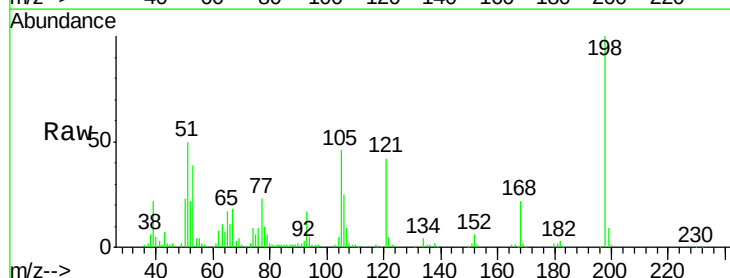
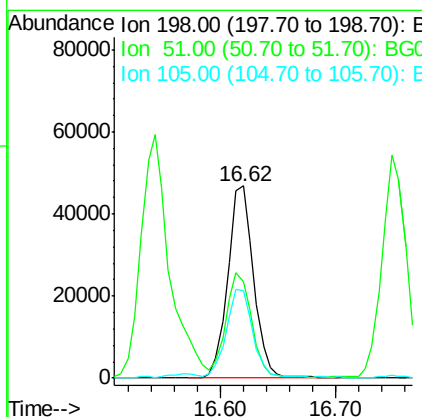
Manual Integrations
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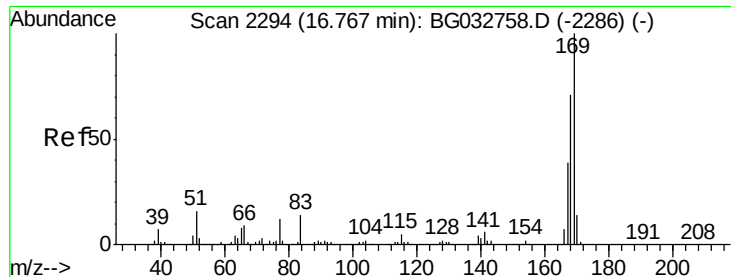
Sohil
3/5/2018 3:18:04 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 62.220 ng
RT: 16.62 min Scan# 2269
Delta R.T. 0.00 min
Lab File: BG032952.D
Acq: 2 Mar 2018 19:09

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	50.4	30.6	70.6
105	45.6	23.8	63.8





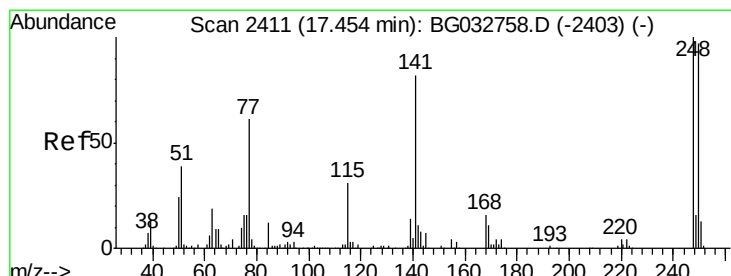
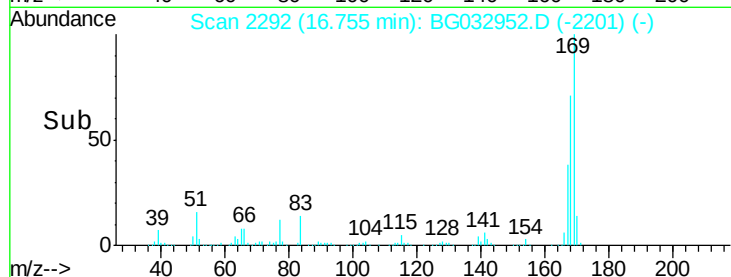
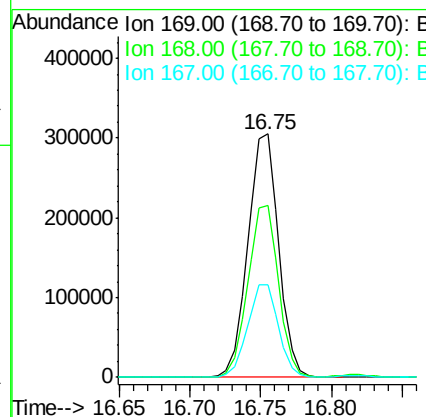
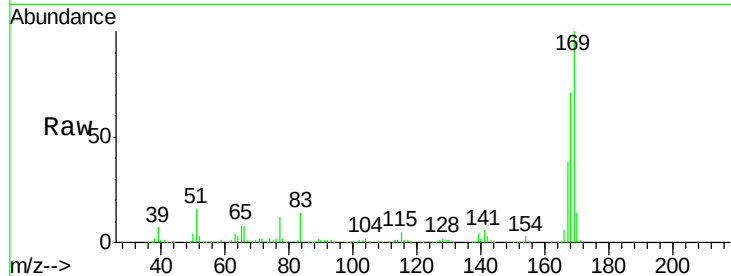
#65
 n-Nitrosodiphenylamine
 Concen: 40.004 ng
 RT: 16.75 min Scan# 2292
 Delta R.T. 0.00 min
 Lab File: BG032952.D
 Acq: 2 Mar 2018 19:09

Instrument :
 BNA_G
 ClientSampleId :
 CLEAN-SAND-17MS

Tot Ion	Ratio	Lower	Upper
169	100		
168	70.7	55.7	83.5
167	38.0	30.1	45.1

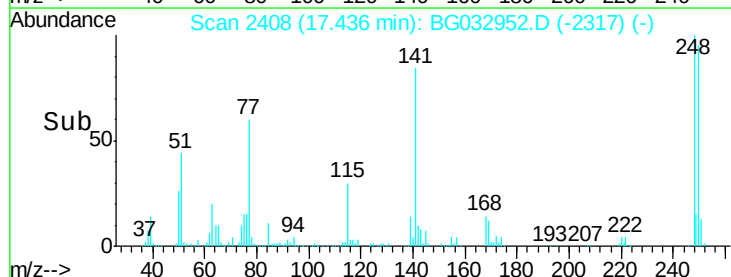
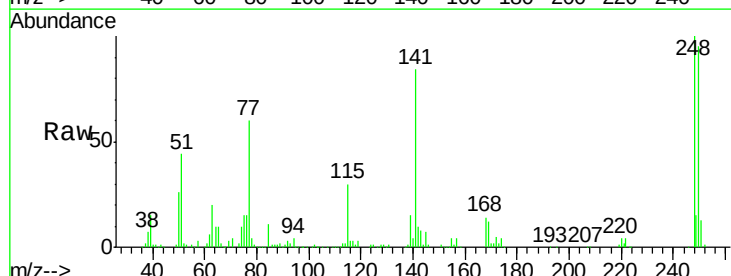
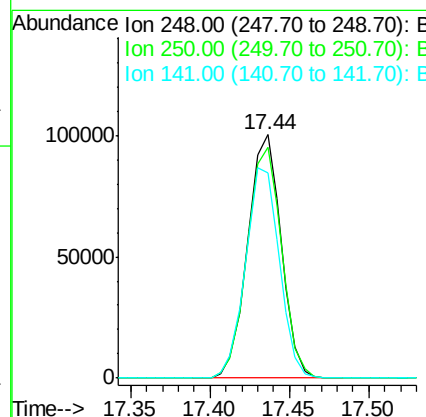
Manual Integrations
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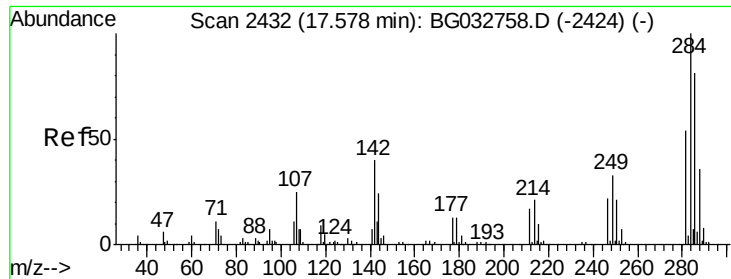
Sohil
 3/5/2018 3:18:04 PM



#66
 4-Bromophenyl-phenylether
 Concen: 39.083 ng
 RT: 17.44 min Scan# 2408
 Delta R.T. 0.00 min
 Lab File: BG032952.D
 Acq: 2 Mar 2018 19:09

Tgt Ion	Ratio	Lower	Upper
248	100		
250	94.7	77.1	115.7
141	84.0	50.8	76.2





#67

Hexachlorobenzene

Concen: 37.359 ng

RT: 17.57 min Scan# 2430

Delta R.T. 0.00 min

Lab File: BG032952.D

Acq: 2 Mar 2018 19:09

Instrument :

BNA_G

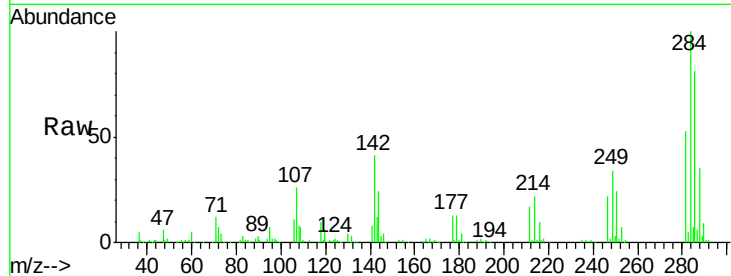
ClientSampleId :

CLEAN-SAND-17MS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	152384		
142	41.1	26.8	40.2	#
249	33.8	26.3	39.5	

Manual Integrations
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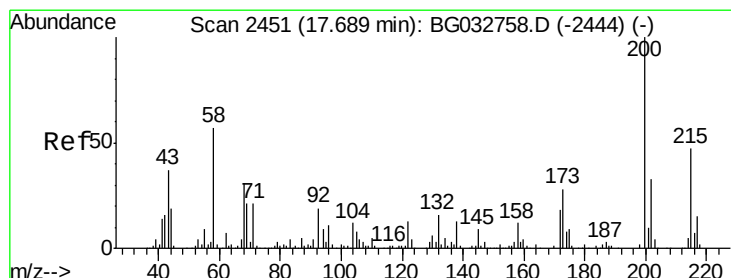
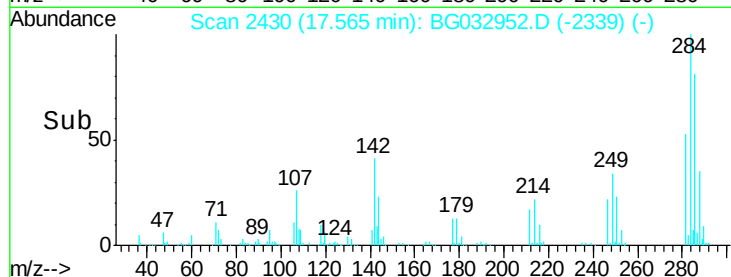
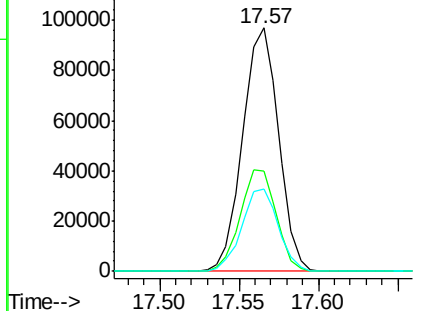
Sohil
3/5/2018 3:18:04 PM



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: 41.614 ng

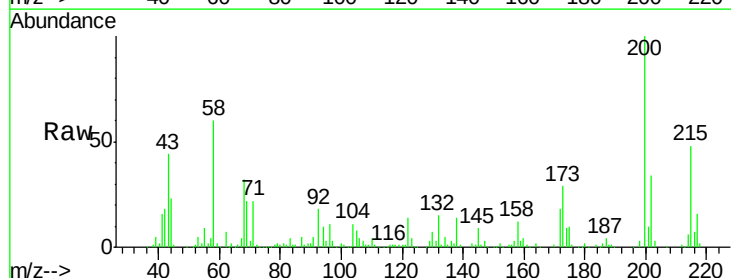
RT: 17.67 min Scan# 2448

Delta R.T. -0.00 min

Lab File: BG032952.D

Acq: 2 Mar 2018 19:09

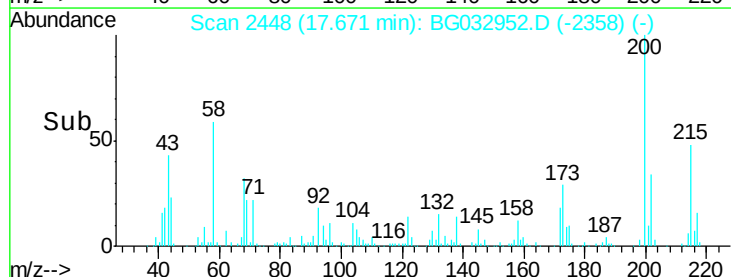
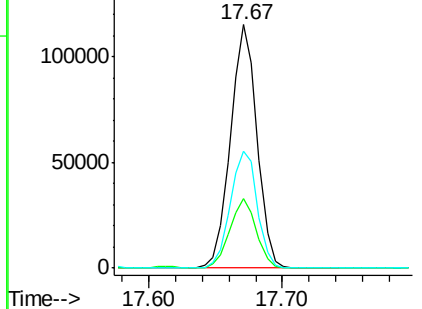
Tgt Ion	Ratio	Resp	Lower	Upper
200	100	159062		
173	28.7	5.2	45.2	
215	48.2	30.4	70.4	

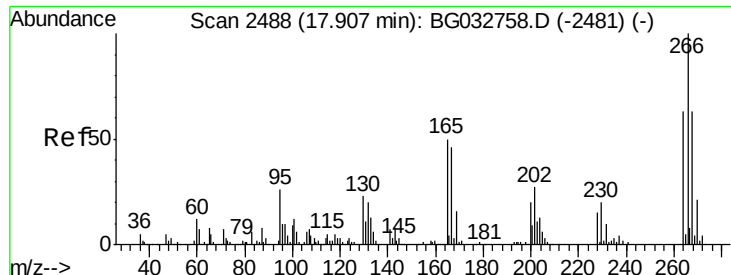


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





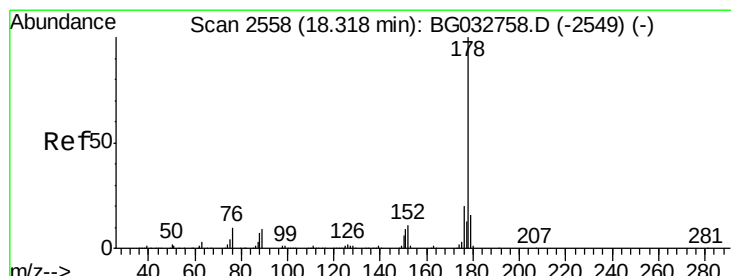
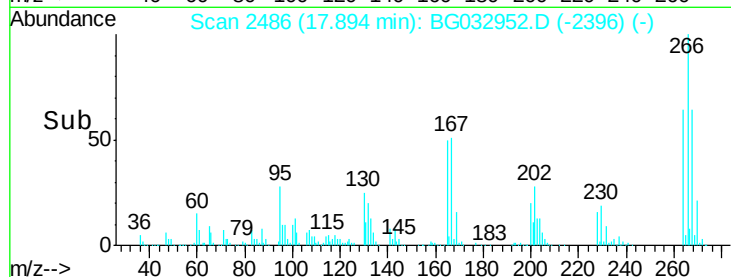
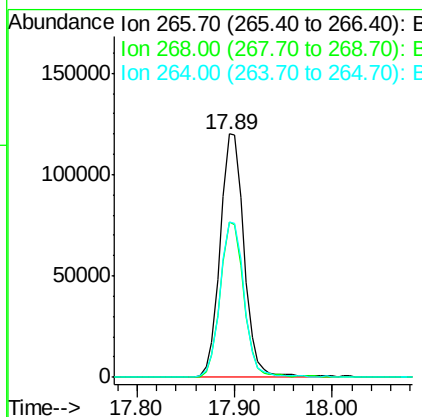
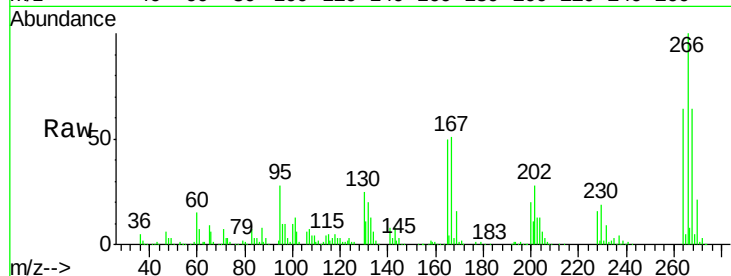
#69
 Pentachlorophenol
 Concen: 79.614 ng
 RT: 17.89 min Scan# 2486
 Delta R.T. -0.00 min
 Lab File: BG032952.D
 Acq: 2 Mar 2018 19:09

Instrument :
 BNA_G
 ClientSampleId :
 CLEAN-SAND-17MS

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.7	51.1	76.7
264	63.9	49.6	74.4

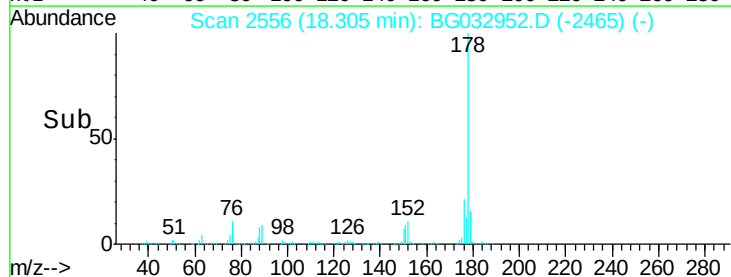
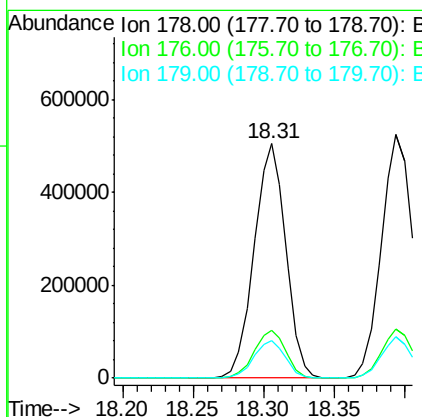
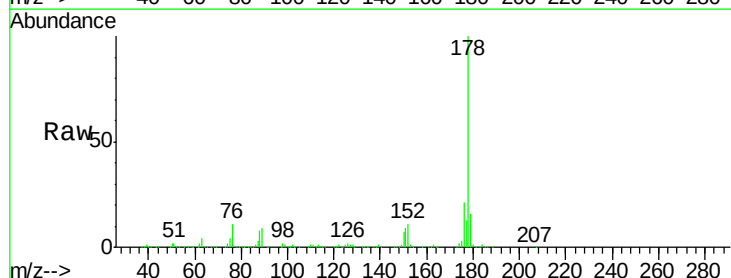
Manual Integrations
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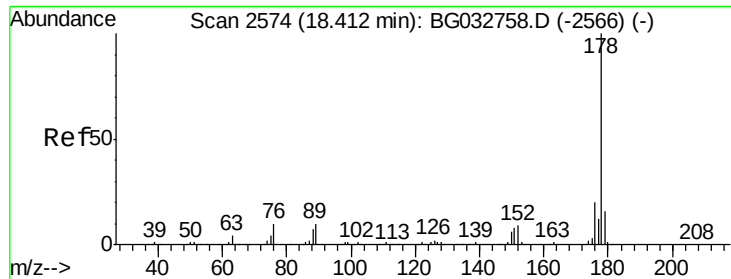
Sohil
 3/5/2018 3:18:04 PM



#70
 Phenanthrene
 Concen: 39.937 ng
 RT: 18.31 min Scan# 2556
 Delta R.T. 0.00 min
 Lab File: BG032952.D
 Acq: 2 Mar 2018 19:09

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.6	15.7	23.5
179	16.1	12.5	18.7





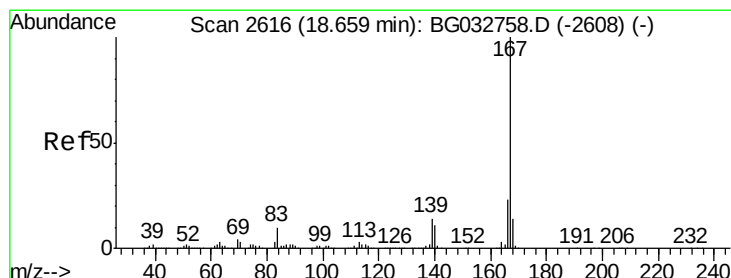
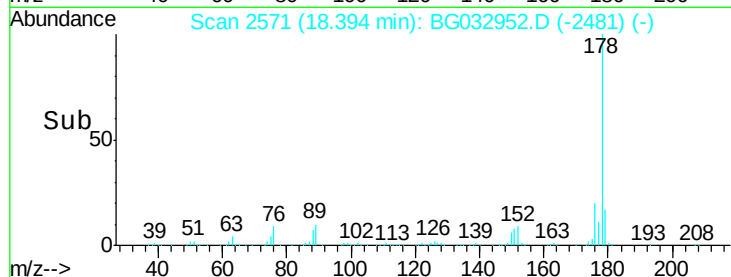
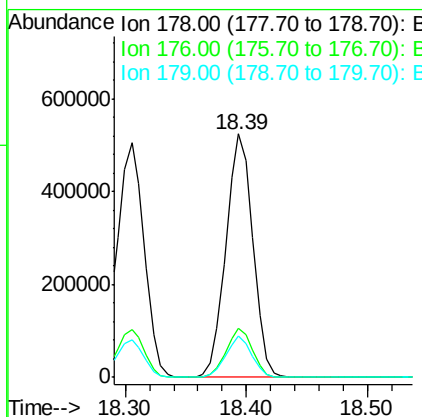
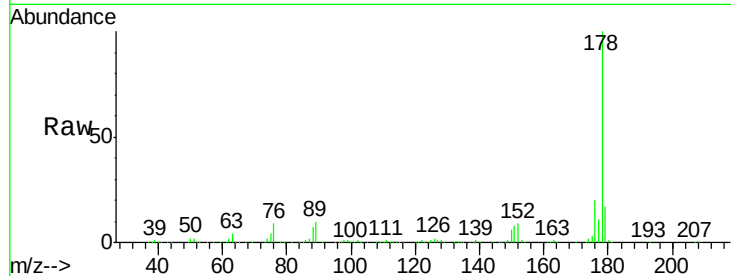
#71
 Anthracene
 Concen: 40.574 ng
 RT: 18.39 min Scan# 2571
 Delta R.T. -0.00 min
 Lab File: BG032952.D
 Acq: 2 Mar 2018 19:09

Instrument :
 BNA_G
 ClientSampleId :
 CLEAN-SAND-17MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.0	24.0
179	17.0	12.5	18.7

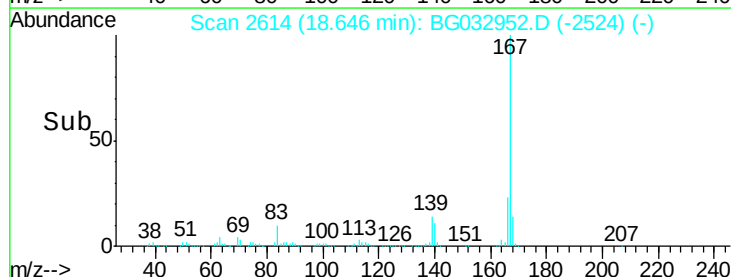
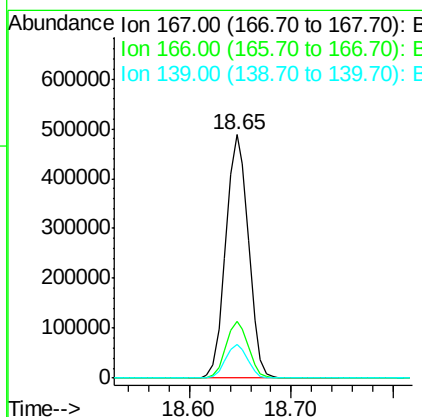
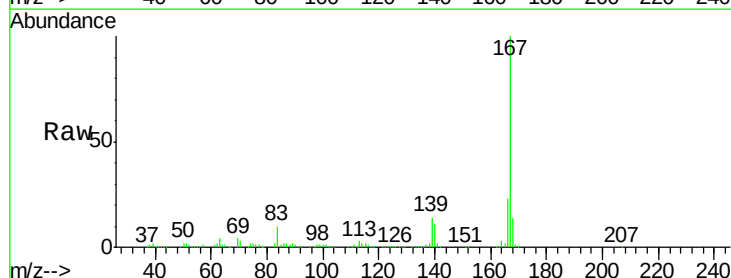
Manual Integrations
 APPROVED

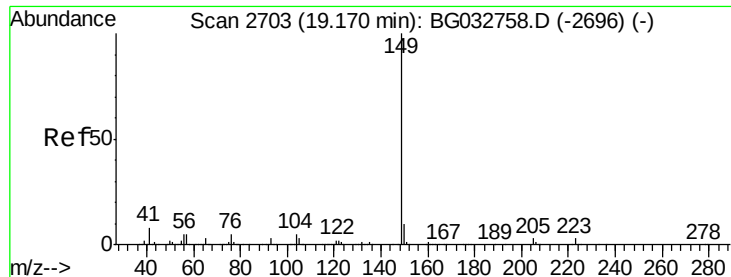
Sohil
 3/5/2018 3:18:04 PM



#72
 Carbazole
 Concen: 38.455 ng
 RT: 18.65 min Scan# 2614
 Delta R.T. -0.00 min
 Lab File: BG032952.D
 Acq: 2 Mar 2018 19:09

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.5	18.2	27.4
139	13.9	9.4	14.2





#73

Di-n-butylphthalate

Concen: 39.556 ng

RT: 19.15 min Scan# 2699

Delta R.T. -0.00 min

Lab File: BG032952.D

Acq: 2 Mar 2018 19:09

Instrument :

BNA_G

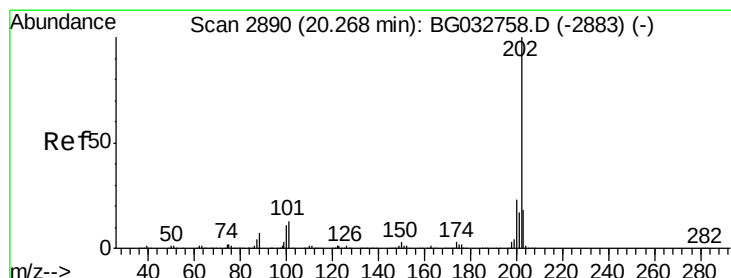
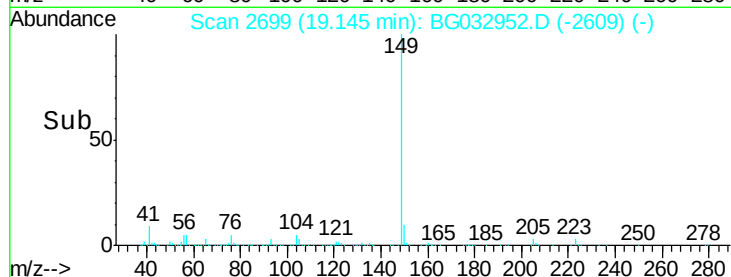
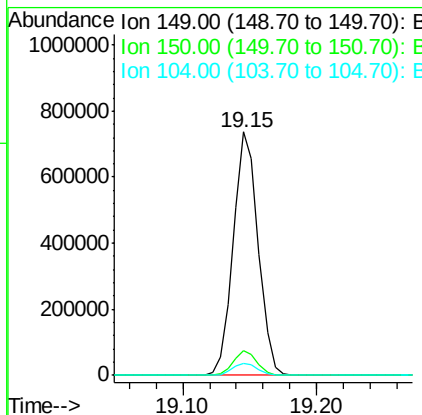
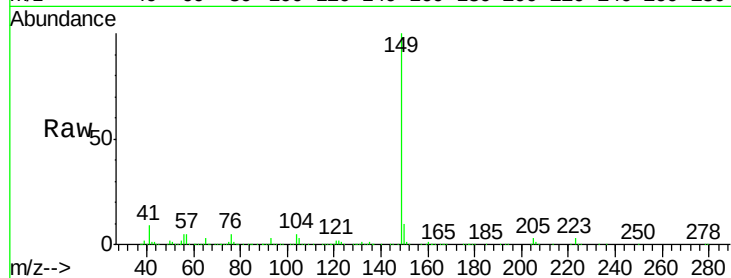
ClientSampleId :

CLEAN-SAND-17MS

Tot Ion:	149	Resp:	956312
Ion Ratio	Lower	Upper	
149	100		
150	10.1	7.8	11.6
104	5.1	3.9	5.9

Manual Integrations
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Sohil
3/5/2018 3:18:04 PM



#74

Fluoranthene

Concen: 39.478 ng

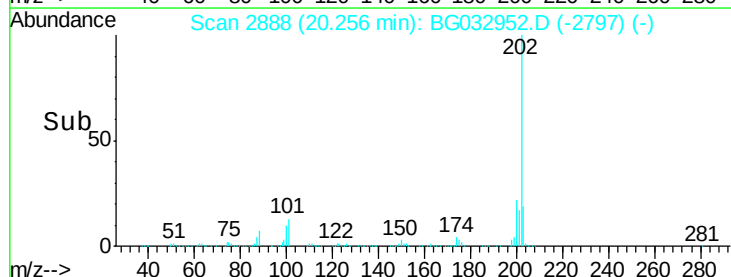
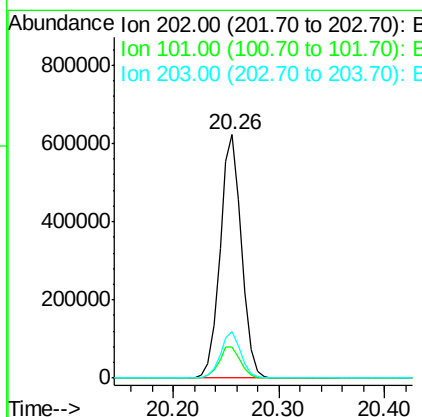
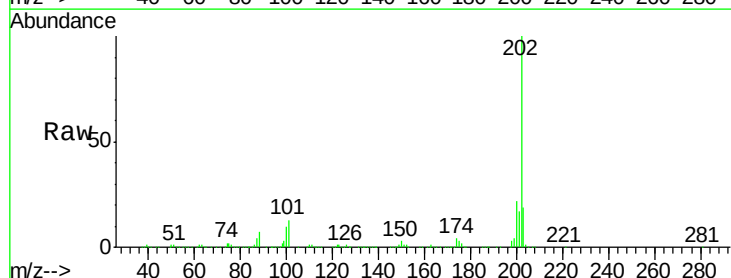
RT: 20.26 min Scan# 2888

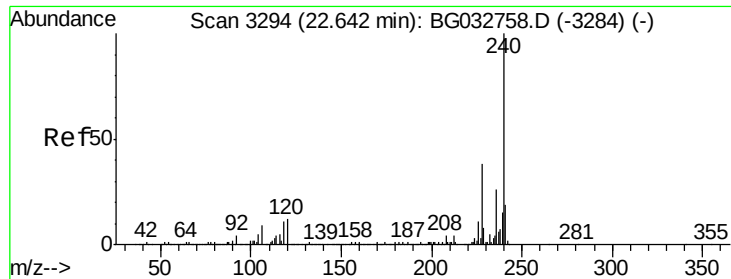
Delta R.T. 0.00 min

Lab File: BG032952.D

Acq: 2 Mar 2018 19:09

Tgt Ion:	202	Resp:	868449
Ion Ratio	Lower	Upper	
202	100		
101	12.7	0.0	28.9
203	19.0	0.0	37.5





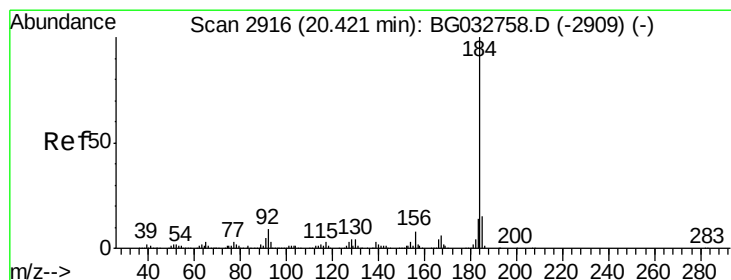
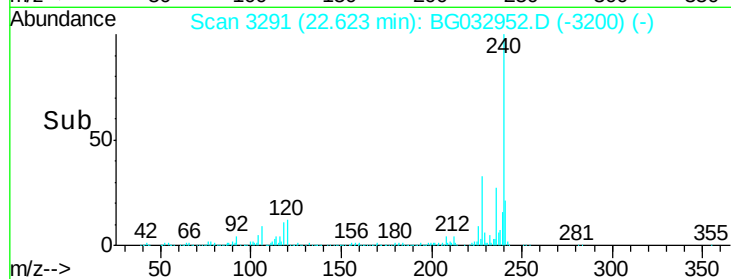
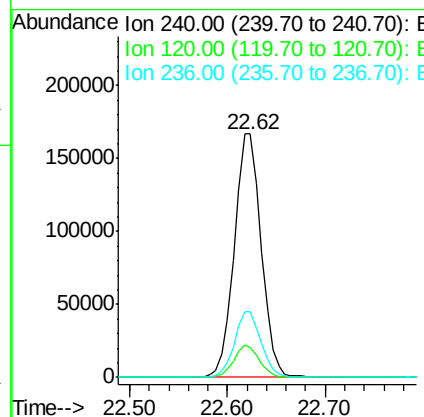
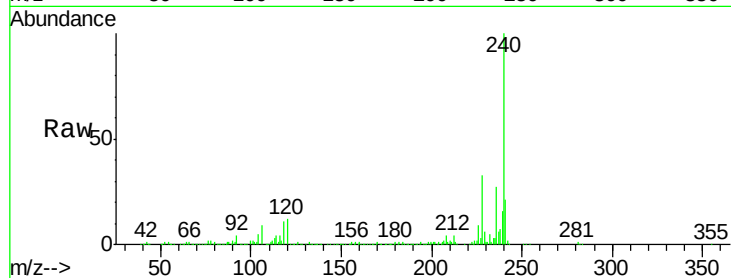
#75
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 22.62 min Scan# 3291
 Delta R.T. 0.00 min
 Lab File: BG032952.D
 Acq: 2 Mar 2018 19:09

Instrument :
 BNA_G
 ClientSampleId :
 CLEAN-SAND-17MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.3	6.8	10.2#
236	26.8	20.9	31.3

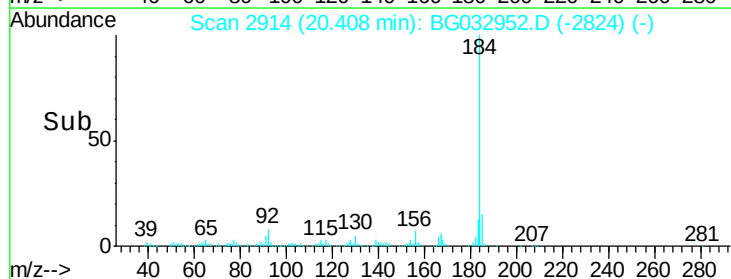
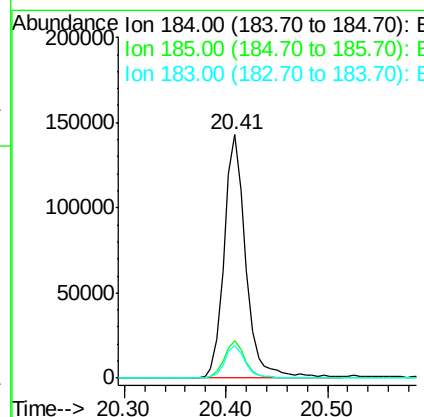
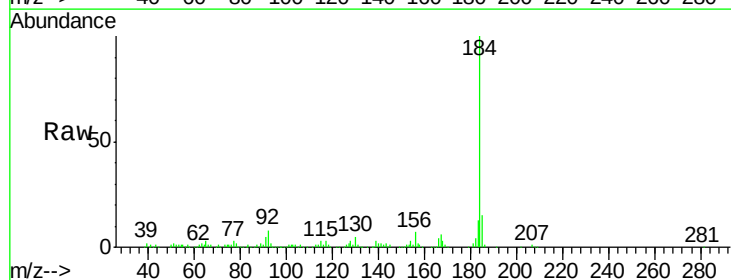
Manual Integrations
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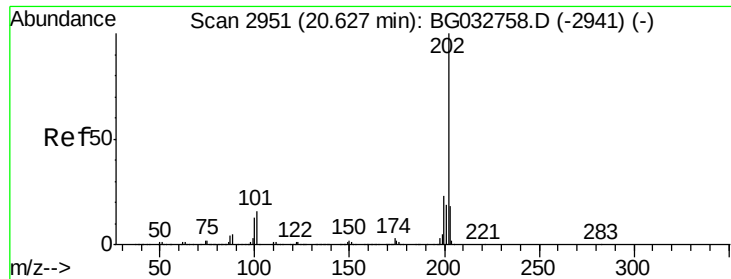
Sohil
 3/5/2018 3:18:04 PM



#76
 Benzidine
 Concen: 19.690 ng
 RT: 20.41 min Scan# 2914
 Delta R.T. -0.00 min
 Lab File: BG032952.D
 Acq: 2 Mar 2018 19:09

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.2	11.1	16.7
183	13.2	10.6	16.0





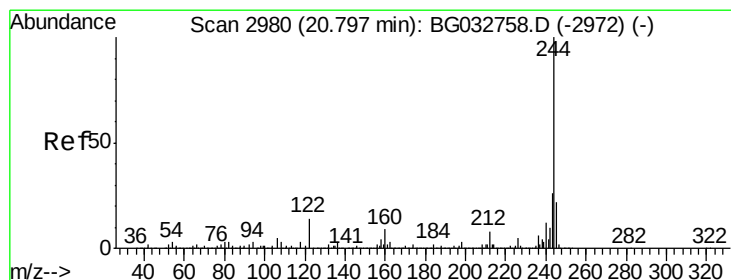
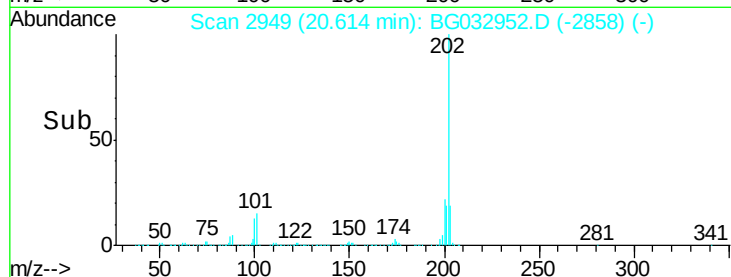
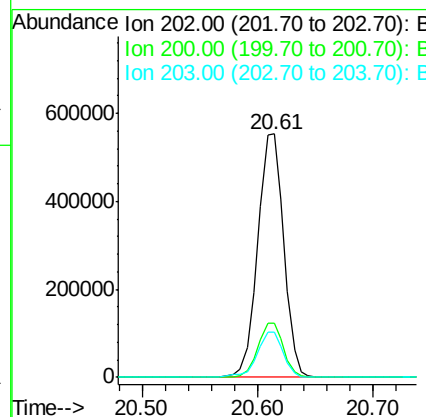
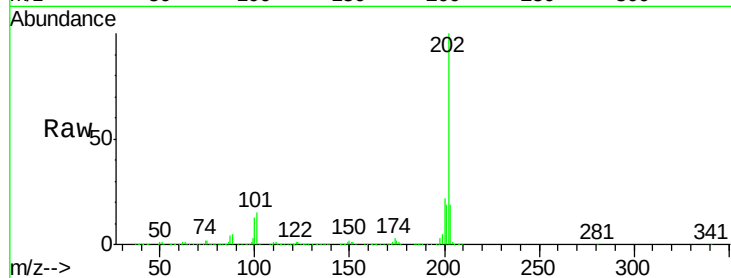
#77
Pvrene
Concen: 38.807 ng
RT: 20.61 min Scan# 2949
Delta R.T. 0.00 min
Lab File: BG032952.D
Acq: 2 Mar 2018 19:09

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-17MS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.3	16.9	25.3
203	18.6	13.9	20.9

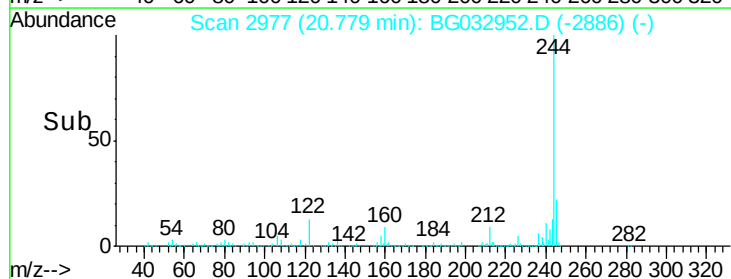
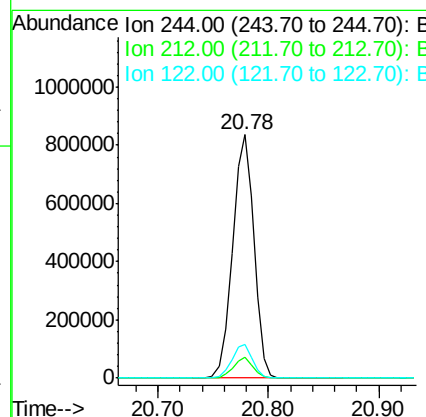
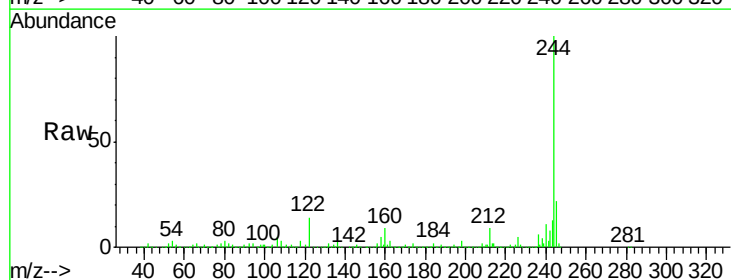
Manual Integrations
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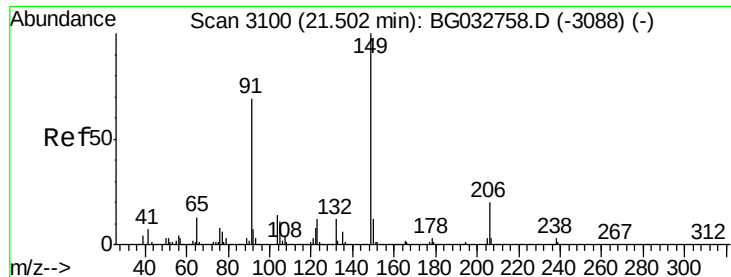
Sohil
3/5/2018 3:18:04 PM



#78
Terphenyl-d14
Concen: 79.812 ng
RT: 20.78 min Scan# 2977
Delta R.T. 0.00 min
Lab File: BG032952.D
Acq: 2 Mar 2018 19:09

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.5	5.8	8.8
122	13.7	7.0	10.4#





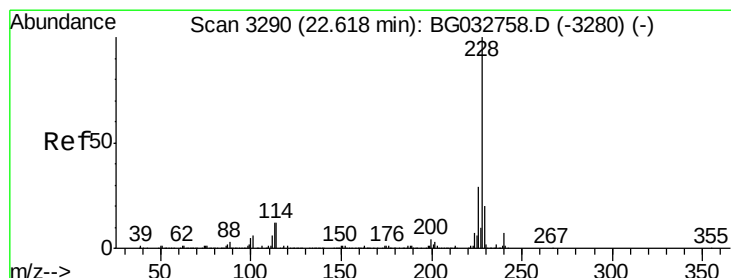
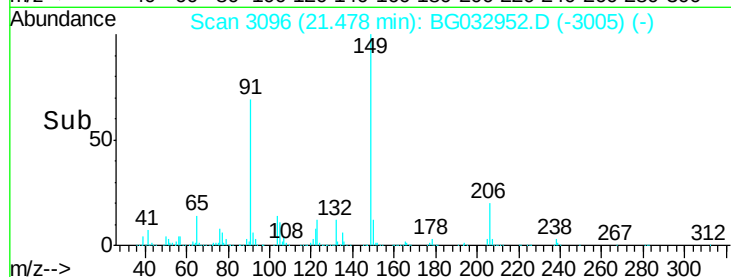
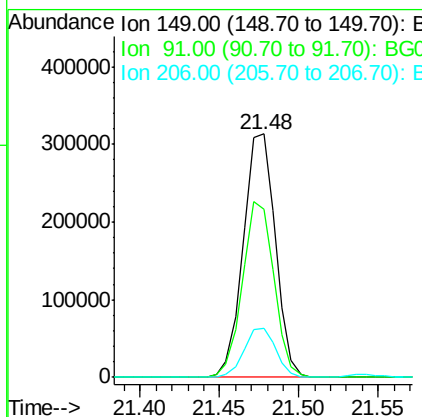
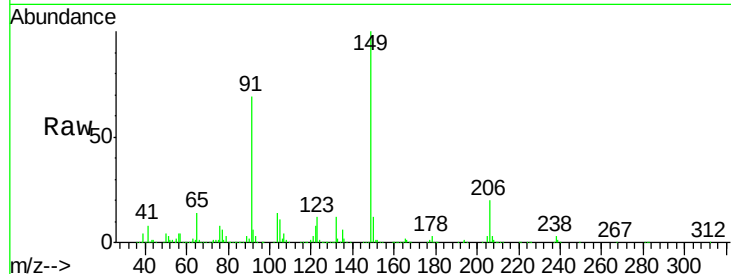
#79
Butylbenzylphthalate
Concen: 44.478 ng
RT: 21.48 min Scan# 3096
Delta R.T. 0.00 min
Lab File: BG032952.D
Acq: 2 Mar 2018 19:09

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-17MS

Tot Ion	Ratio	Lower	Upper
149	100		
91	69.0	62.2	93.2
206	20.2	18.6	27.8

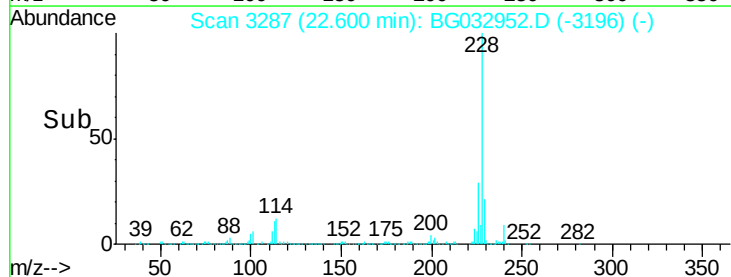
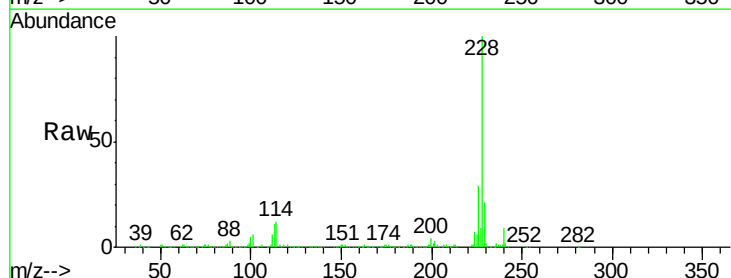
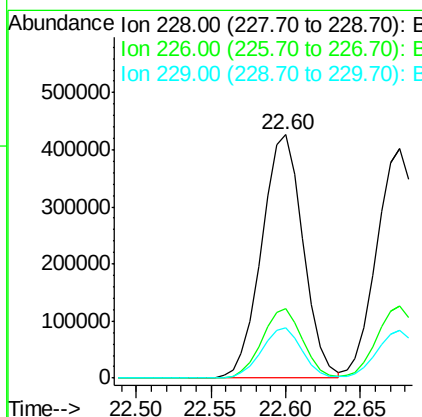
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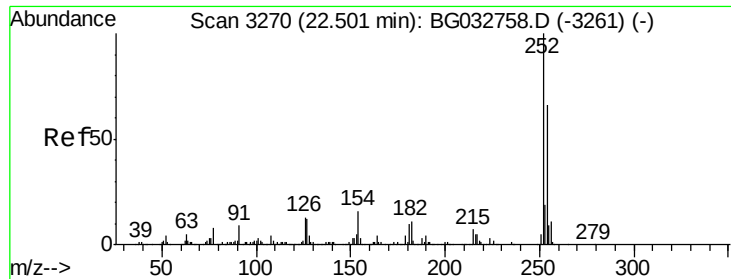
Sohil
3/5/2018 3:18:04 PM



#80
Benzo(a)anthracene
Concen: 40.241 ng
RT: 22.60 min Scan# 3287
Delta R.T. 0.00 min
Lab File: BG032952.D
Acq: 2 Mar 2018 19:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.7	34.1
229	20.9	16.2	24.2





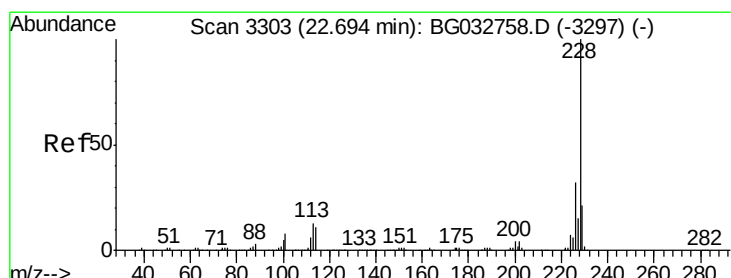
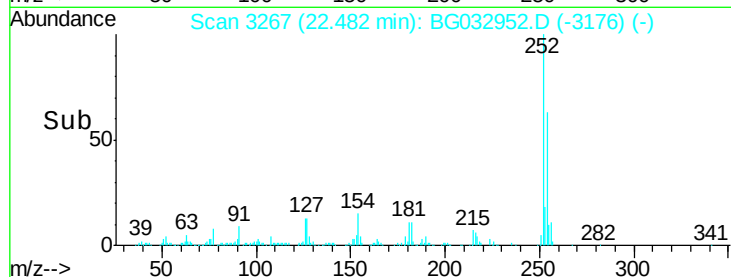
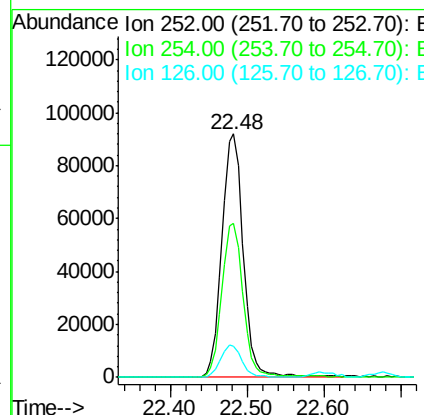
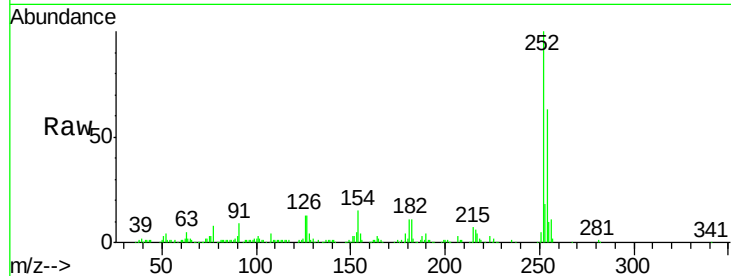
#81
 3,3'-Dichlorobenzidine
 Concen: 23.547 ng
 RT: 22.48 min Scan# 3267
 Delta R.T. 0.00 min
 Lab File: BG032952.D
 Acq: 2 Mar 2018 19:09

Instrument :
 BNA_G
 ClientSampleId :
 CLEAN-SAND-17MS

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.5	50.8	76.2
126	12.6	7.4	11.2

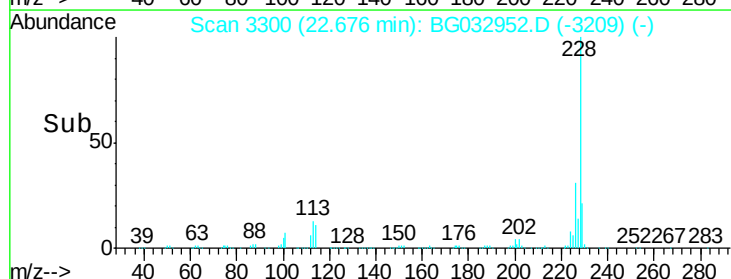
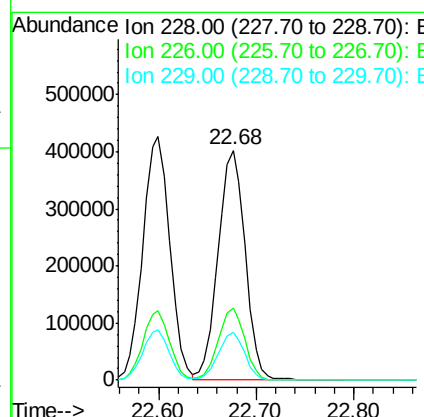
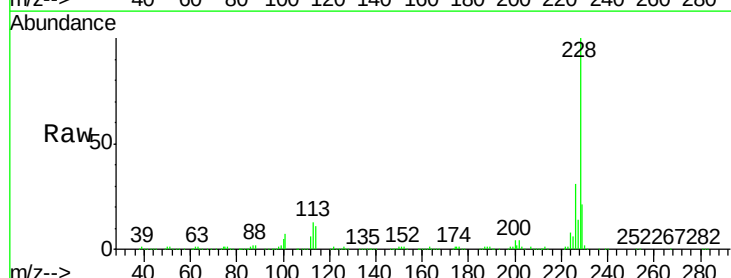
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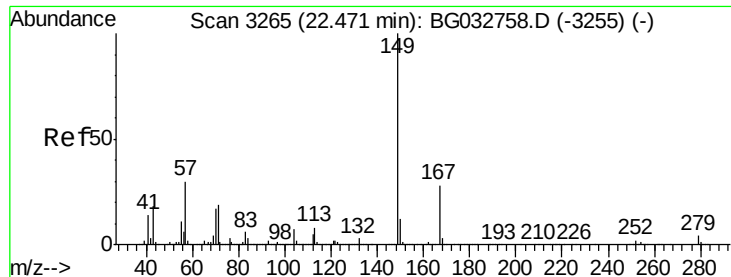
Sohil
 3/5/2018 3:18:04 PM



#82
 Chrysene
 Concen: 39.574 ng
 RT: 22.68 min Scan# 3300
 Delta R.T. 0.00 min
 Lab File: BG032952.D
 Acq: 2 Mar 2018 19:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.9	37.3
229	20.9	15.0	22.4





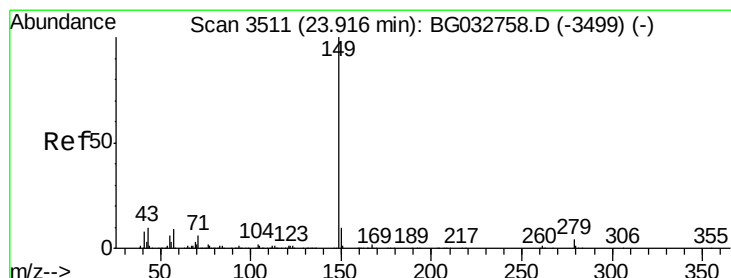
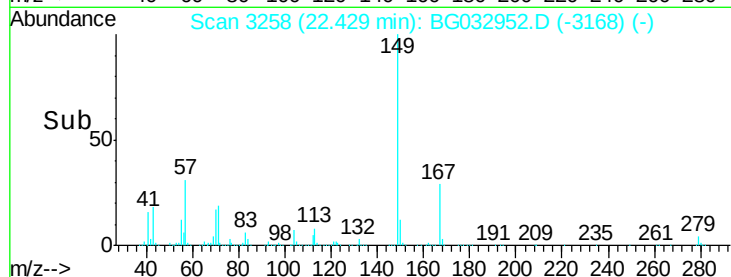
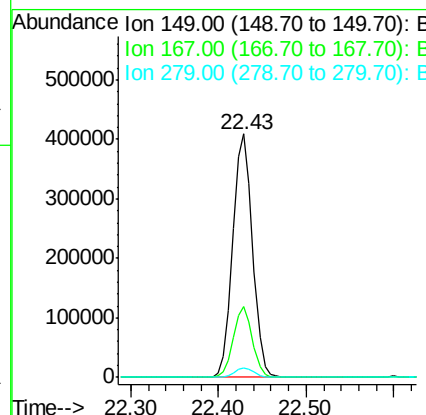
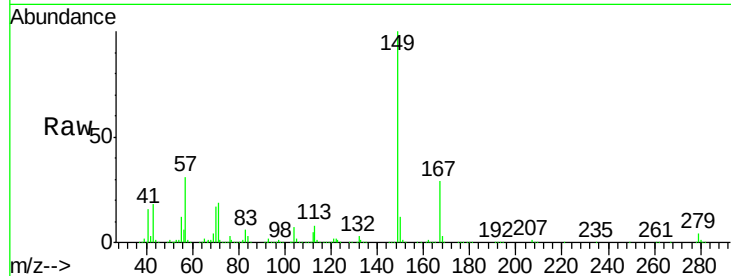
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.837 ng
 RT: 22.43 min Scan# 3258
 Delta R.T. -0.00 min
 Lab File: BG032952.D
 Acq: 2 Mar 2018 19:09

Instrument :
 BNA_G
 ClientSampleId :
 CLEAN-SAND-17MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	28.9	24.3	36.5
279	4.1	4.0	6.0

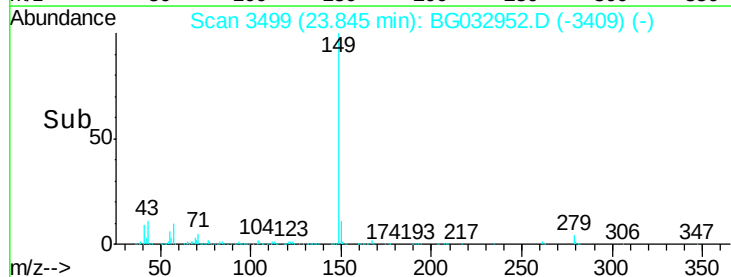
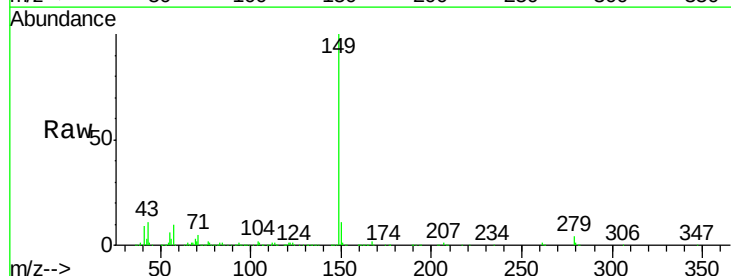
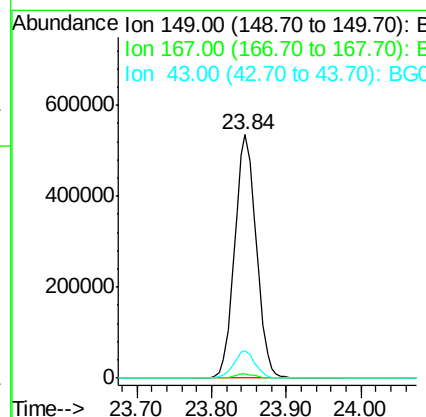
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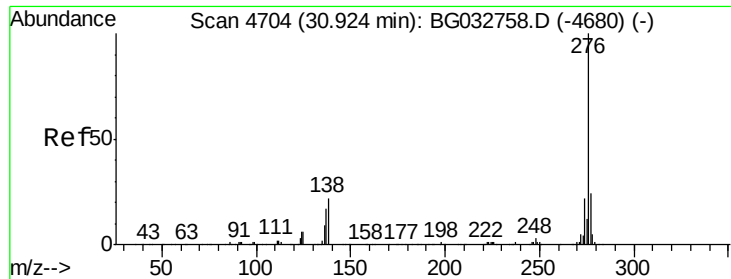
Sohil
 3/5/2018 3:18:04 PM



#84
 Di-n-octyl phthalate
 Concen: 48.150 ng
 RT: 23.84 min Scan# 3499
 Delta R.T. -0.00 min
 Lab File: BG032952.D
 Acq: 2 Mar 2018 19:09

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	11.0	8.9	13.3





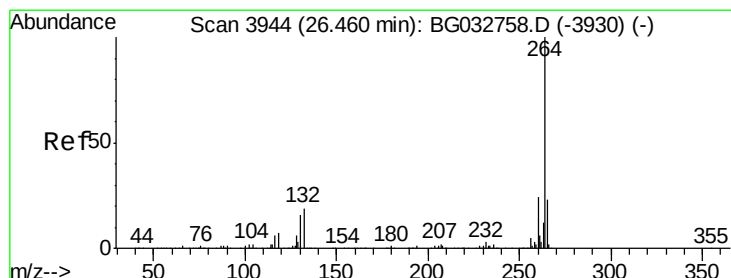
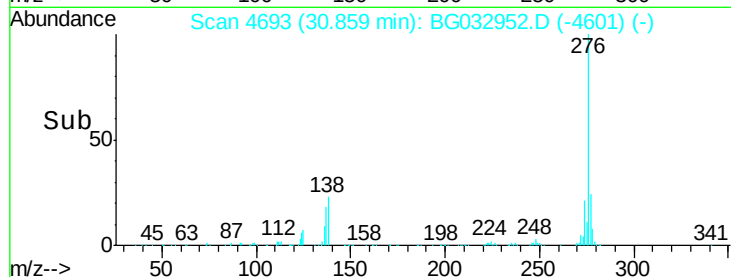
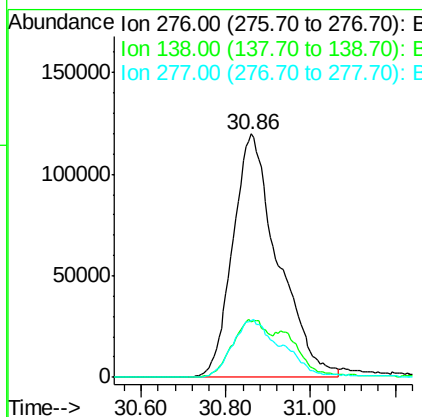
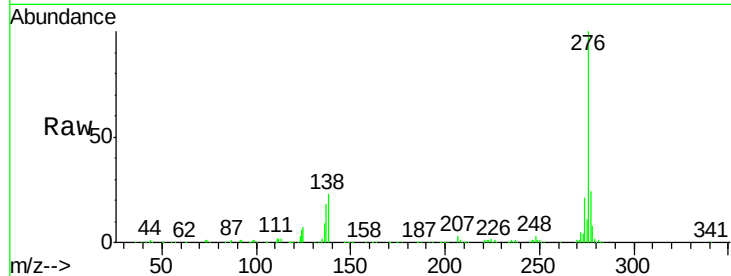
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.002 ng
 RT: 30.86 min Scan# 4693
 Delta R.T. 0.01 min
 Lab File: BG032952.D
 Acq: 2 Mar 2018 19:09

Instrument :
 BNA_G
 ClientSampleId :
 CLEAN-SAND-17MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	10.2	16.0	24.0#
277	25.8	20.0	30.0

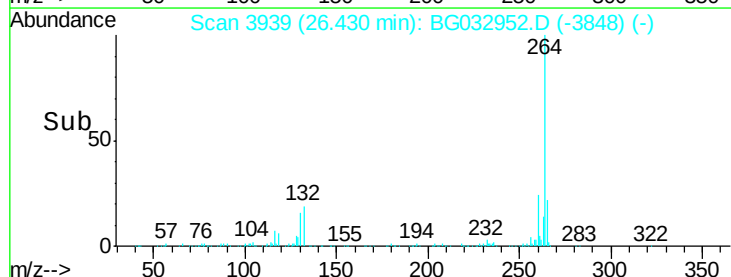
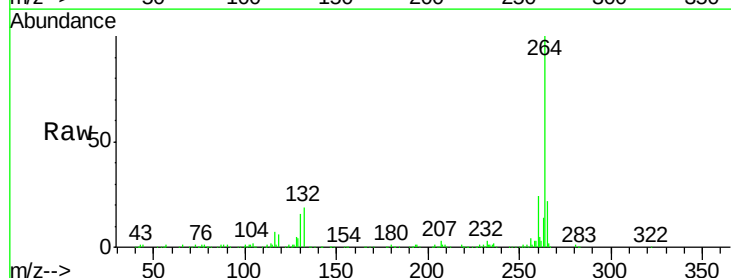
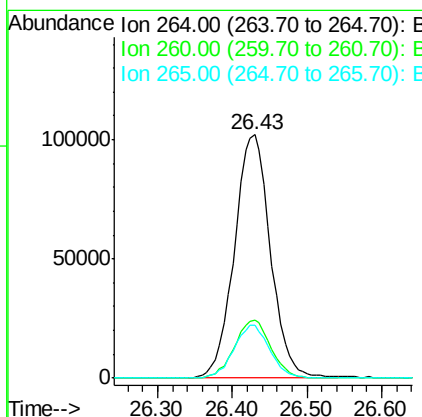
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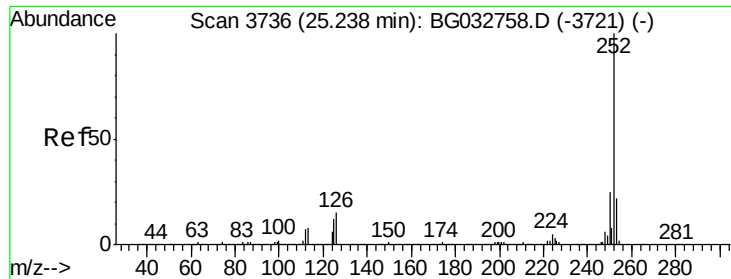
Sohil
 3/5/2018 3:18:04 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.43 min Scan# 3939
 Delta R.T. 0.00 min
 Lab File: BG032952.D
 Acq: 2 Mar 2018 19:09

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.4	26.0
265	21.6	17.7	26.5





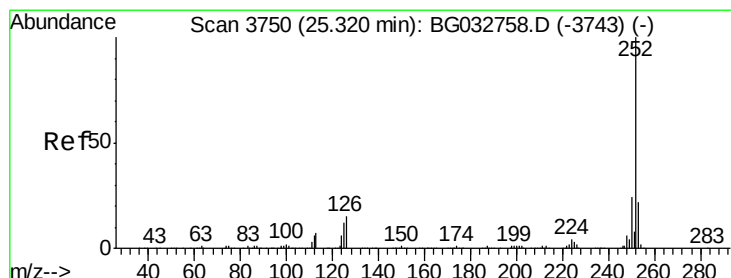
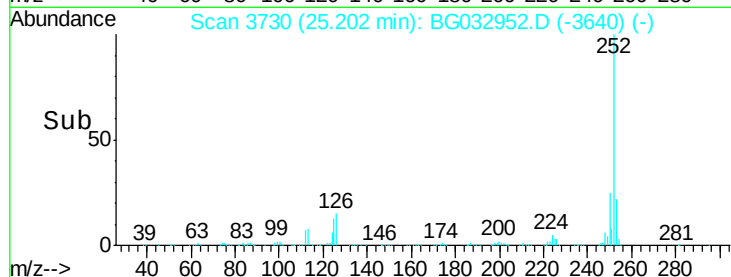
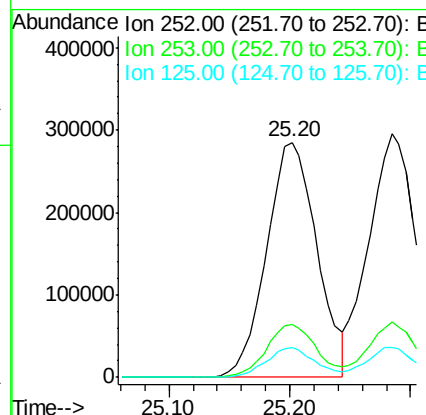
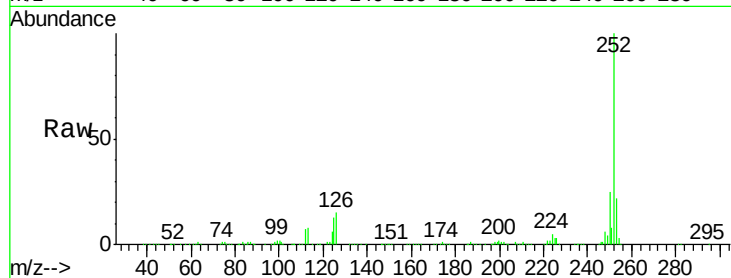
#87
Benzo(b)fluoranthene
Concen: 40.658 ng
RT: 25.20 min Scan# 3730
Delta R.T. -0.00 min
Lab File: BG032952.D
Acq: 2 Mar 2018 19:09

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-17MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.4
125	12.6	7.2	10.8

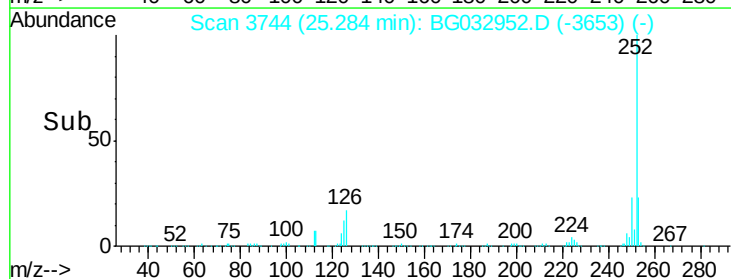
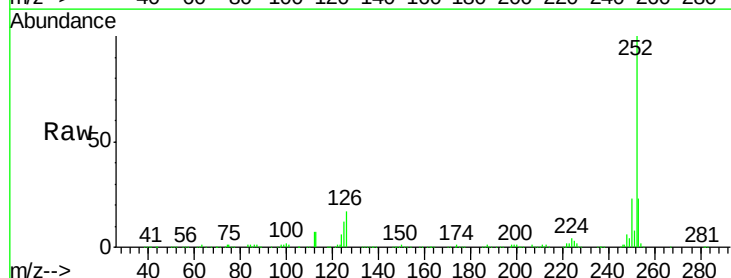
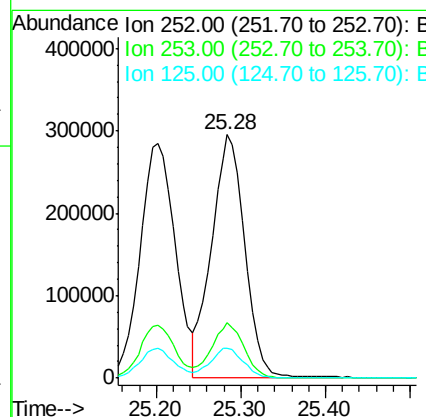
Manual Integrations
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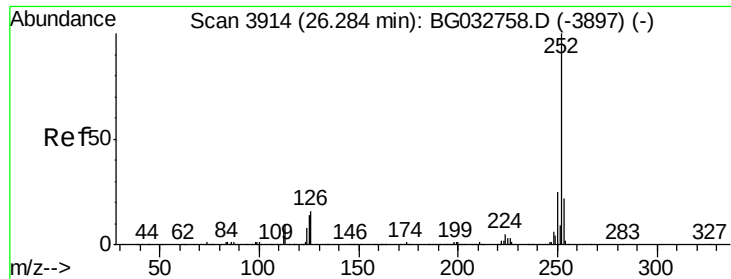
Sohil
3/5/2018 3:18:04 PM



#88
Benzo(k)fluoranthene
Concen: 39.925 ng
RT: 25.28 min Scan# 3744
Delta R.T. 0.00 min
Lab File: BG032952.D
Acq: 2 Mar 2018 19:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.2
125	12.0	6.6	9.8





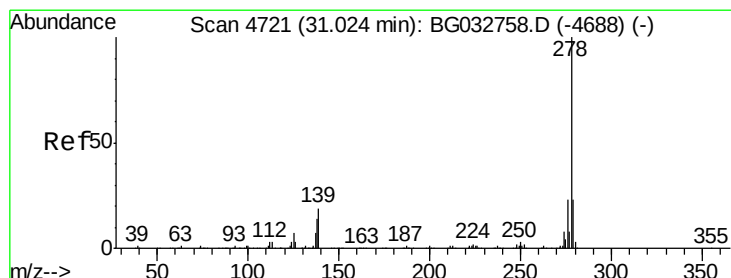
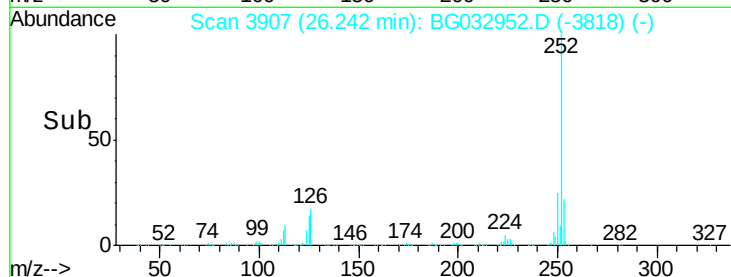
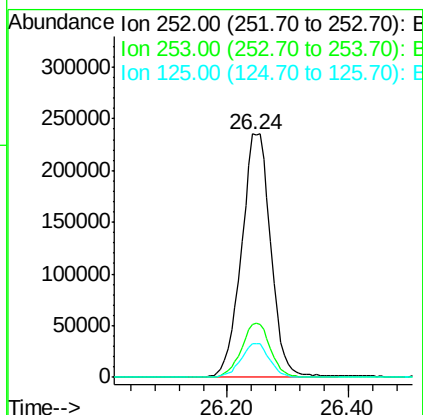
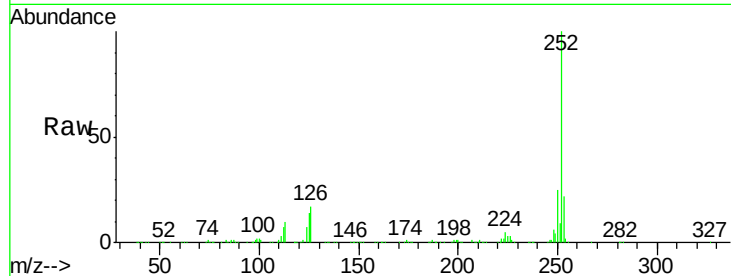
#89
Benzo(a)pyrene
Concen: 41.210 ng
RT: 26.24 min Scan# 3907
Delta R.T. -0.01 min
Lab File: BG032952.D
Acq: 2 Mar 2018 19:09

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-17MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.3	27.5
125	13.8	7.3	10.9#

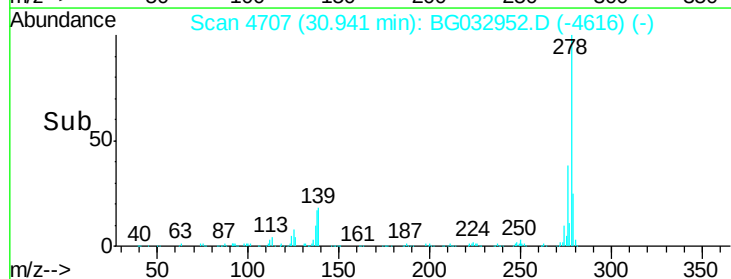
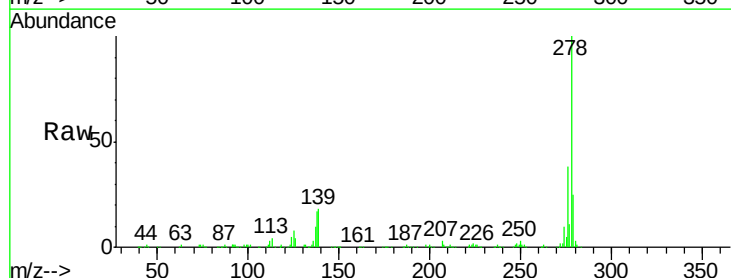
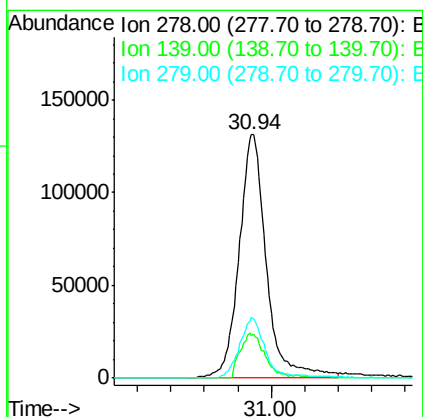
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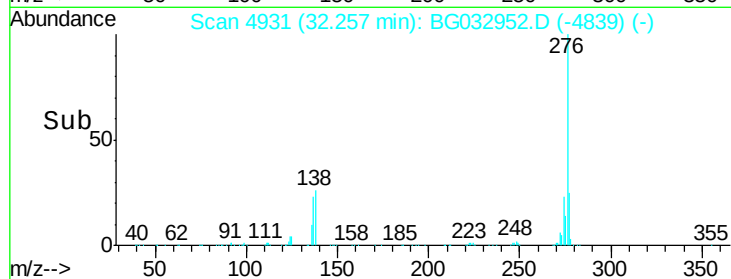
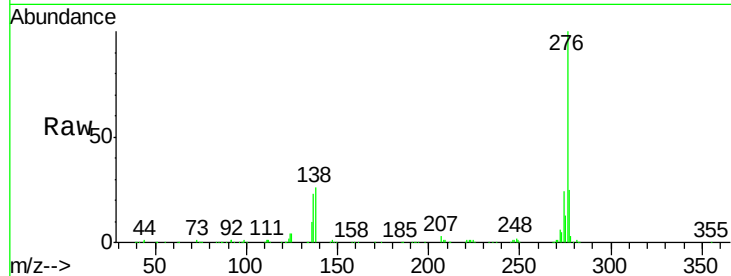
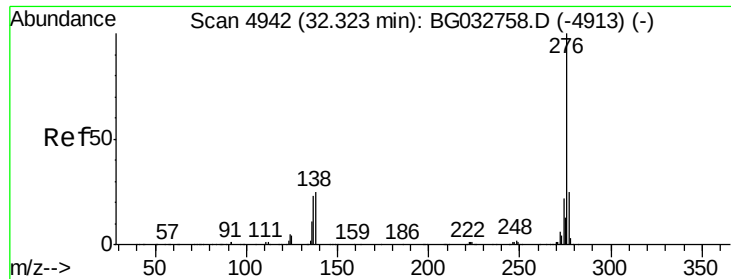
Sohil
3/5/2018 3:18:04 PM



#90
Dibenzo(a,h)anthracene
Concen: 38.588 ng
RT: 30.94 min Scan# 4707
Delta R.T. 0.00 min
Lab File: BG032952.D
Acq: 2 Mar 2018 19:09

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.7	9.8	14.6#
279	24.8	18.4	27.6





#91
 Benzo(a,h,i)perylene
 Concen: 39.284 ng
 RT: 32.26 min Scan# 4931
 Delta R.T. 0.01 min
 Lab File: BG032952.D
 Acq: 2 Mar 2018 19:09

Instrument :
 BNA_G
 ClientSampleId :
 CLEAN-SAND-17MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.3	27.5
138	26.0	13.9	20.9

Manual Integrations
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