

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042518\
 Data File : BG033992.D
 Acq On : 25 Apr 2018 18:30
 Operator : SJ/JU
 Sample : J2541-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-4-11MSD

Manual Integrations
 APPROVED

Sohil
 4/26/2018 6:16:38 PM

Quant Time: Apr 26 06:50:34 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 13:56:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	67994	20.00	ng	-0.01
21) Naphthalene-d8	10.61	136	322320	20.00	ng	-0.02
38) Acenaphthene-d10	14.46	164	226182	20.00	ng	-0.02
63) Phenanthrene-d10	17.21	188	548067	20.00	ng	-0.01
75) Chrysene-d12	21.47	240	564960	20.00	ng	-0.02
86) Perylene-d12	24.53	264	590207	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	663016	155.68	ng	0.00
7) Phenol-d6	7.00	99	930877	149.86	ng	0.00
23) Nitrobenzene-d5	8.98	82	586642	103.58	ng	0.00
41) 2,4,6-Tribromophenol	15.96	330	450252	170.63	ng	-0.01
44) 2-Fluorobiphenyl	13.08	172	1403045	91.13	ng	-0.02
78) Terphenyl-d14	19.85	244	2141649	85.16	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.42	88	55424	30.798	ng	# 89
3) Pyridine	3.81	79	13516	2.596	ng	84
4) n-Nitrosodimethylamine	3.71	42	98698	41.607	ng	# 93
6) Aniline	7.16	93	196769	23.697	ng	98
8) 2-Chlorophenol	7.40	128	235180	49.283	ng	93
9) Benzaldehyde	6.97	77	110652	31.831	ng	96
10) Phenol	7.03	94	310461	48.787	ng	99
11) bis(2-Chloroethyl)ether	7.26	93	209051	42.953	ng	93
12) 1,3-Dichlorobenzene	7.72	146	225632	41.073	ng	97
13) 1,4-Dichlorobenzene	7.86	146	228963	41.151	ng	97
14) 1,2-Dichlorobenzene	8.18	146	223952	41.389	ng	96
15) Benzyl Alcohol	8.07	79	240477	44.396	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.36	45	362755	38.214	ng	97
17) 2-Methylphenol	8.27	107	216605	45.933	ng	97
18) Hexachloroethane	8.90	117	83292	40.966	ng	98
19) n-Nitroso-di-n-propylamine	8.64	70	206203	38.943	ng	# 96
20) 3+4-Methylphenols	8.60	107	303958	44.360	ng	94
22) Acetophenone	8.64	105	365701	41.687	ng	# 95
24) Nitrobenzene	9.02	77	280306	45.417	ng	92
25) Isophorone	9.55	82	565730	44.428	ng	95
26) 2-Nitrophenol	9.73	139	144899	59.419	ng	91
27) 2,4-Dimethylphenol	9.79	122	248301	54.437	ng	93
28) bis(2-Chloroethoxy)methane	10.03	93	327498	48.664	ng	96
29) 2,4-Dichlorophenol	10.26	162	273697	53.827	ng	95
30) 1,2,4-Trichlorobenzene	10.48	180	261728	45.957	ng	99
31) Naphthalene	10.66	128	732603	44.199	ng	98
32) Benzoic acid	9.93	122	176656	39.827	ng	87
33) 4-Chloroaniline	10.77	127	160054	20.544	ng	94
34) Hexachlorobutadiene	10.95	225	158193	46.433	ng	# 61
35) Caprolactam	11.56	113	97822m	45.249	ng	
36) 4-Chloro-3-methylphenol	11.90	107	296938	47.847	ng	90
37) 2-Methylnaphthalene	12.27	142	583019	45.942	ng	95
39) 1,2,4,5-Tetrachlorobenzene	12.64	216	344681	45.893	ng	98
40) Hexachlorocyclopentadiene	12.63	237	413491	100.127	ng	93

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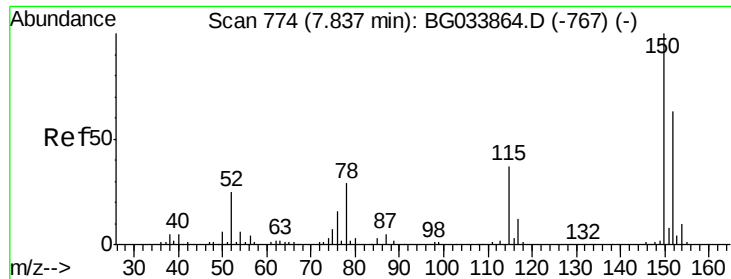
Manual Integrations
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Quant Time: Apr 26 06:50:34 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.88	196	241729	52.788	nq	97
43) 2,4,5-Trichlorophenol	12.95	196	265750	50.480	nq	98
45) 1,1'-Biphenyl	13.30	154	788790	43.081	nq	100
46) 2-Chloronaphthalene	13.33	162	608498	43.831	nq	99
47) 2-Nitroaniline	13.54	65	206264	47.585	nq #	88
48) Acenaphthylene	14.18	152	967544	41.927	nq	99
49) Dimethylphthalate	13.93	163	943633	47.428	nq	99
50) 2,6-Dinitrotoluene	14.04	165	189348	50.218	nq #	81
51) Acenaphthene	14.53	154	596892	41.174	nq	97
52) 3-Nitroaniline	14.37	138	144532	35.302	nq #	87
53) 2,4-Dinitrophenol	14.57	184	195270	144.813	nq #	55
54) Dibenzofuran	14.86	168	944928	43.966	nq	95
55) 4-Nitrophenol	14.68	139	344978	107.436	nq #	84
56) 2,4-Dinitrotoluene	14.83	165	269356	53.722	nq #	79
57) Fluorene	15.51	166	787440	42.339	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.09	232	258873	53.705	nq	97
59) Diethylphthalate	15.30	149	845352	40.197	nq	99
60) 4-Chlorophenyl-phenylether	15.51	204	435197	44.738	nq	95
61) 4-Nitroaniline	15.54	138	209272	48.141	nq	91
62) Azobenzene	15.80	77	723941	38.617	nq	98
64) 4,6-Dinitro-2-methylphenol	15.59	198	144029	53.686	nq	86
65) n-Nitrosodiphenylamine	15.73	169	682742	42.848	nq	98
66) 4-Bromophenyl-phenylether	16.41	248	283070	47.030	nq	100
67) Hexachlorobenzene	16.52	284	292561	45.578	nq #	71
68) Atrazine	16.69	200	305491	48.939	nq	99
69) Pentachlorophenol	16.86	266	409633	92.906	nq #	57
70) Phenanthrene	17.26	178	1269457	43.176	nq	97
71) Anthracene	17.35	178	1297828	44.139	nq	98
72) Carbazole	17.61	167	1218461	42.955	nq	96
73) Di-n-butylphthalate	18.20	149	1414042	40.071	nq	98
74) Fluoranthene	19.28	202	1569568	44.132	nq	96
76) Benzidine	19.46	184	34247	2.245	nq	97
77) Pyrene	19.64	202	1556513	42.005	nq	94
79) Butylbenzylphthalate	20.55	149	670178	41.183	nq	93
80) Benzo(a)anthracene	21.45	228	1537267	43.151	nq	96
81) 3,3'-Dichlorobenzidine	21.38	252	454682	34.230	nq	97
82) Chrysene	21.52	228	1447385	42.546	nq	95
83) Bis(2-ethylhexyl)phthalate	21.39	149	922385	40.136	nq	99
84) Di-n-octyl phthalate	22.56	149	1583359	43.406	nq	99
85) Indeno(1,2,3-cd)pyrene	28.00	276	1786759	46.141	nq	95
87) Benzo(b)fluoranthene	23.57	252	1561664	43.373	nq	98
88) Benzo(k)fluoranthene	23.63	252	1544472	43.183	nq	97
89) Benzo(a)pyrene	24.39	252	1528632	44.330	nq	99
90) Dibenzo(a,h)anthracene	28.07	278	1490022	44.656	nq	98
91) Benzo(g,h,i)perylene	29.08	276	1424655	43.392	nq	98

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



#1

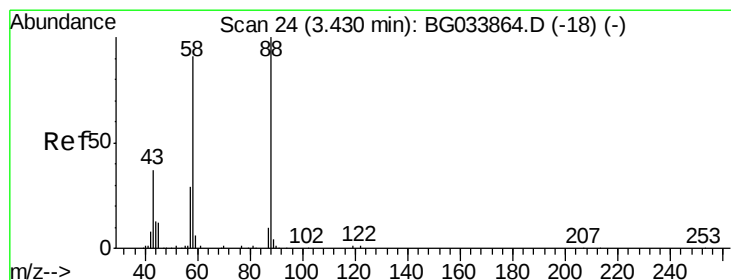
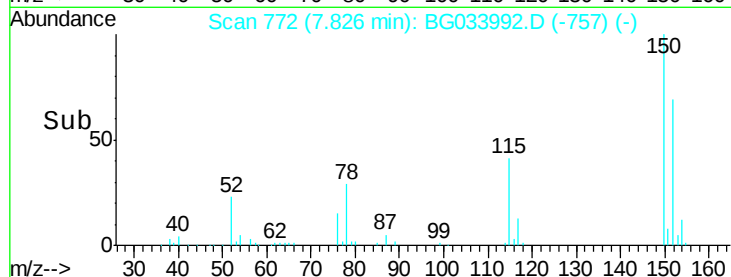
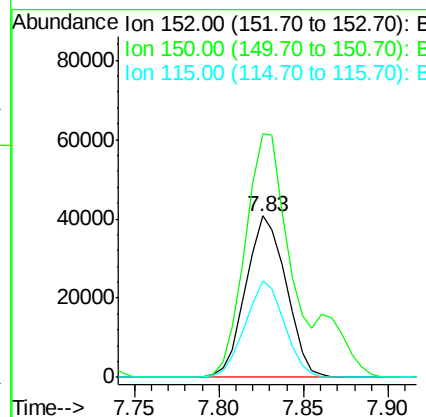
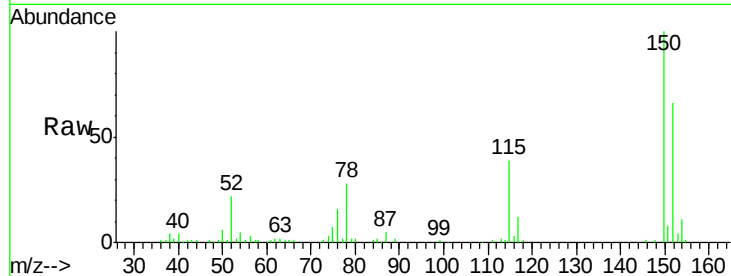
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 772
Delta R.T. -0.01 min
Lab File: BG033992.D
Acq: 25 Apr 2018 18:30

Instrument :
BNA_G
ClientSampleId :
TP-4-11MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.1	126.6	189.8
115	59.5	53.0	79.4

Manual Integrations
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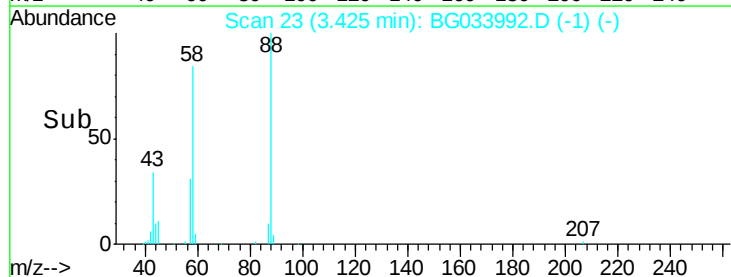
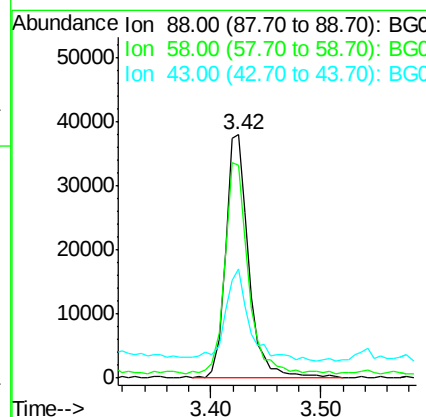
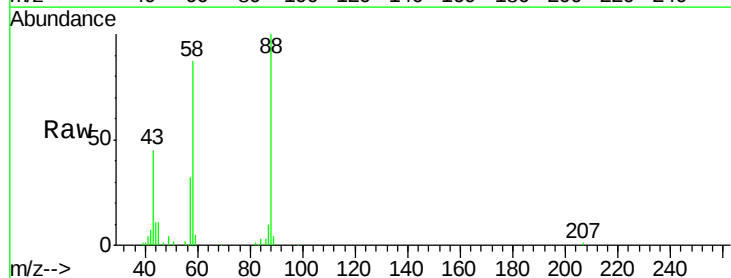
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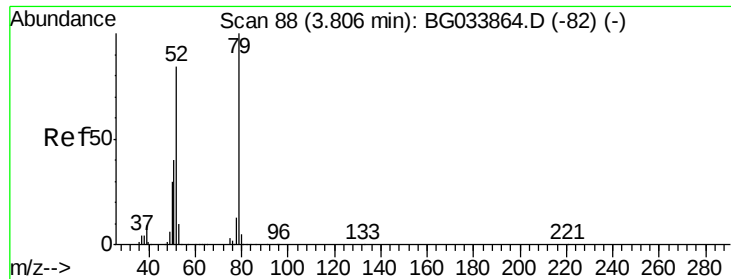


#2

1,4-Dioxane
Concen: 30.798 ng
RT: 3.42 min Scan# 23
Delta R.T. -0.00 min
Lab File: BG033992.D
Acq: 25 Apr 2018 18:30

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.6	79.6	119.4
43	41.2	27.4	41.0





#3

Pvridine

Concen: 2.596 ng

RT: 3.81 min Scan# 88

Delta R.T. 0.00 min

Lab File: BG033992.D

Acq: 25 Apr 2018 18:30

Instrument :

BNA_G

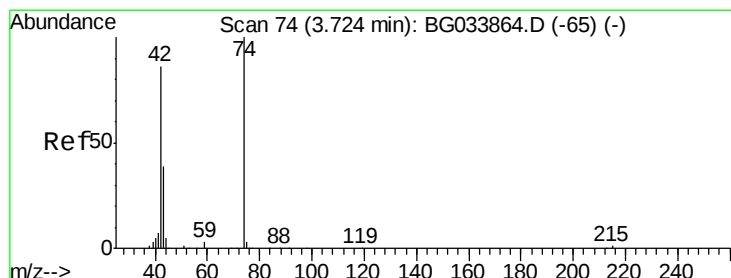
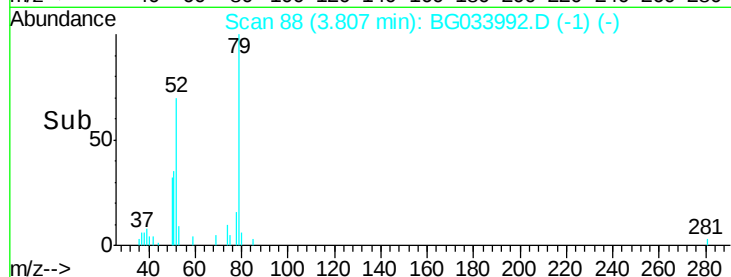
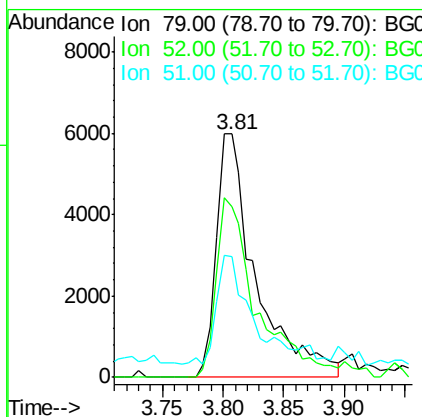
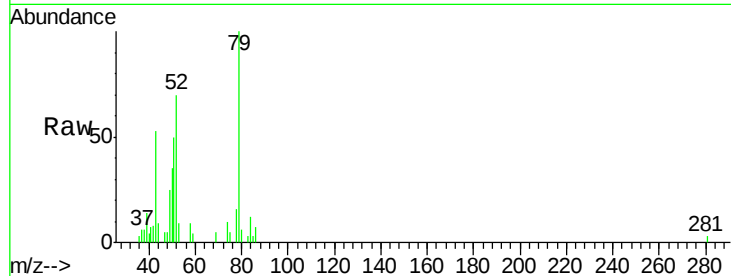
ClientSampleId :

TP-4-11MSD

Tot Ion:	79	Resp:	13516
Ion	Ratio	Lower	Upper
79	100		
52	69.9	69.9	104.9
51	49.6	34.0	51.0

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#4

n-Nitrosodimethylamine

Concen: 41.607 ng

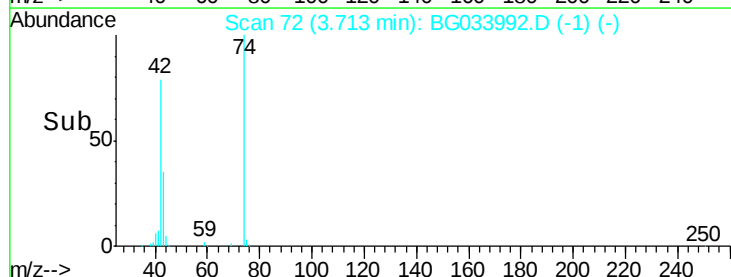
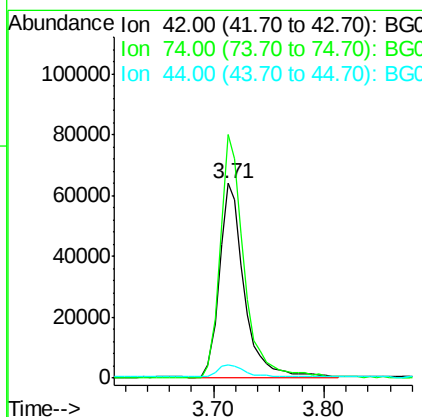
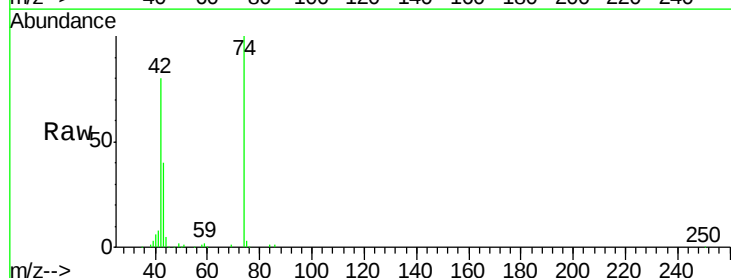
RT: 3.71 min Scan# 72

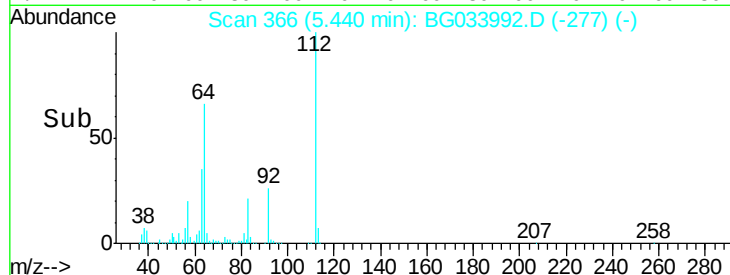
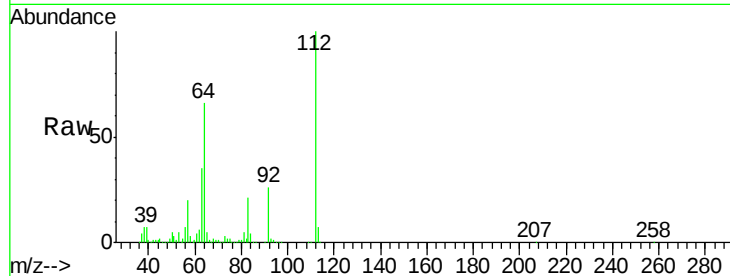
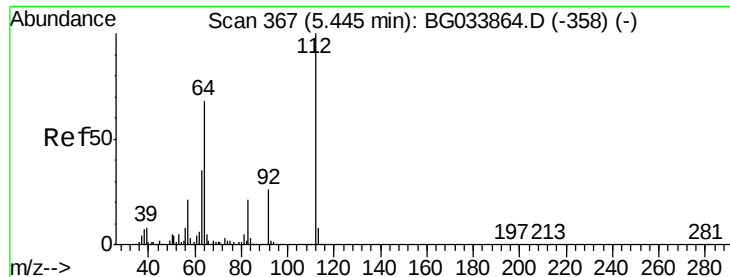
Delta R.T. -0.01 min

Lab File: BG033992.D

Acq: 25 Apr 2018 18:30

Tgt Ion:	42	Resp:	98698
Ion	Ratio	Lower	Upper
42	100		
74	125.3	102.5	153.7
44	6.8	18.9	28.3





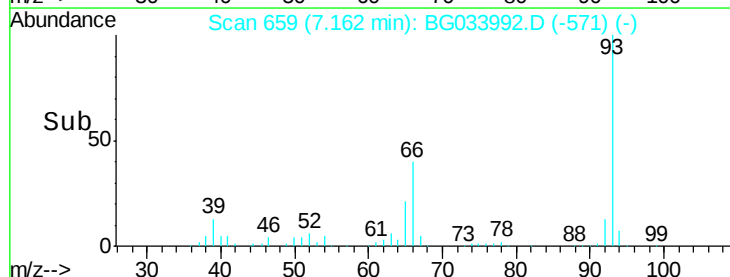
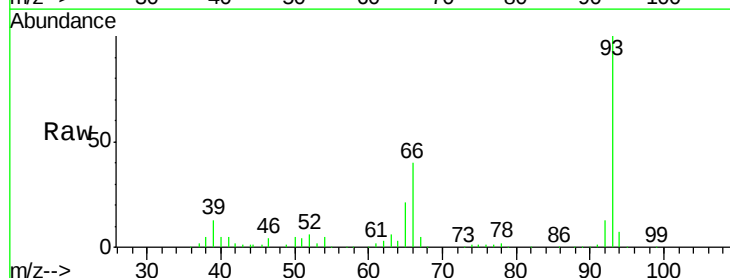
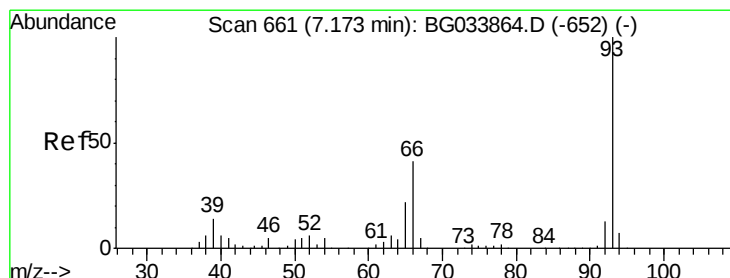
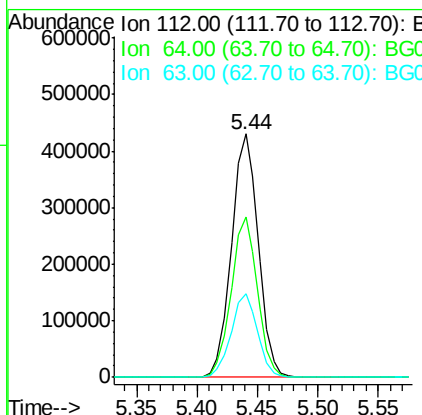
#5
2-Fluorophenol
Concen: 155.679 ng
RT: 5.44 min Scan# 366
Delta R.T. -0.00 min
Lab File: BG033992.D
Acq: 25 Apr 2018 18:30

Tot Ion:	112	Resp:	663016
Ion Ratio	Lower	Upper	
112	100		
64	65.8	56.3	84.5
63	34.6	30.1	45.1

Instrument :
BNA_G
ClientSampleId :
TP-4-11MSD

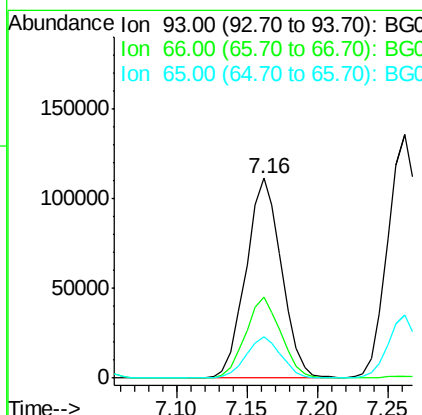
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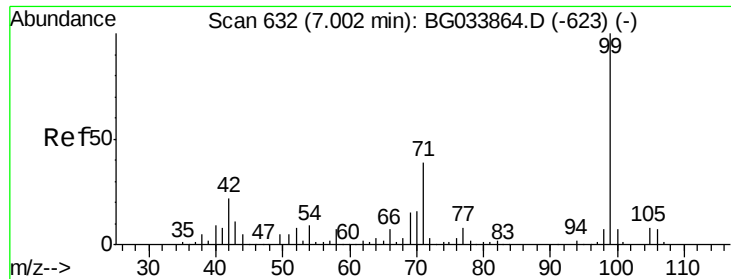
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#6
Aniline
Concen: 23.697 ng
RT: 7.16 min Scan# 659
Delta R.T. -0.01 min
Lab File: BG033992.D
Acq: 25 Apr 2018 18:30

Tgt Ion:	93	Resp:	196769
Ion Ratio	Lower	Upper	
93	100		
66	40.4	33.7	50.5
65	20.8	16.1	24.1





#7

Phenol-d6

Concen: 149.857 ng

RT: 7.00 min Scan# 632

Delta R.T. 0.00 min

Lab File: BG033992.D

Acq: 25 Apr 2018 18:30

Instrument :

BNA_G

ClientSampleId :

TP-4-11MSD

Tot Ion: 99 Resp: 930877

Ion Ratio Lower Upper

99 100

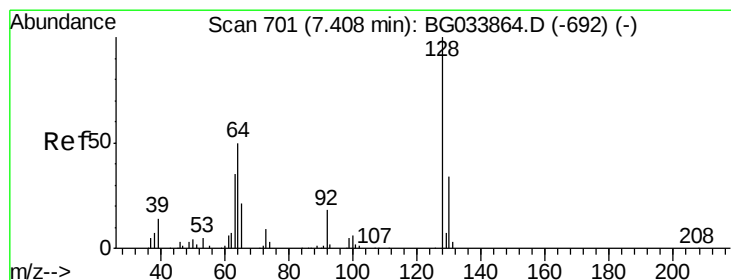
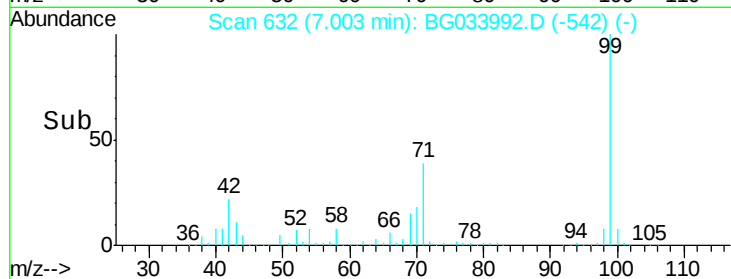
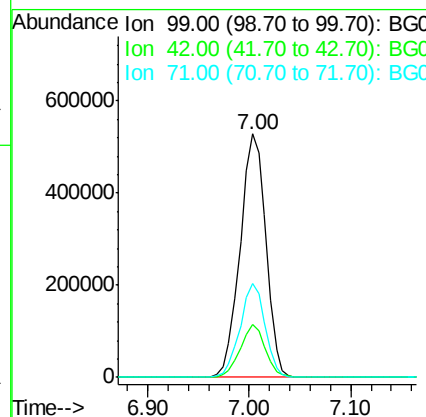
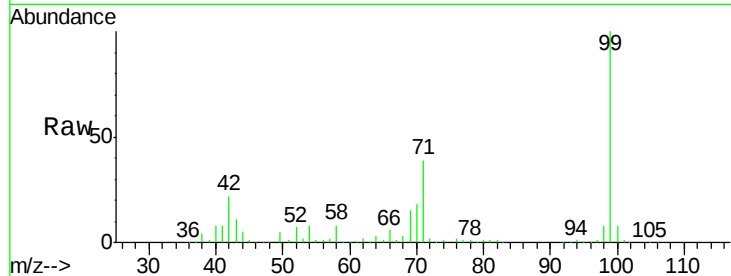
42 21.5 14.1 21.1#

71 38.6 26.1 39.1

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#8

2-Chlorophenol

Concen: 49.283 ng

RT: 7.40 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG033992.D

Acq: 25 Apr 2018 18:30

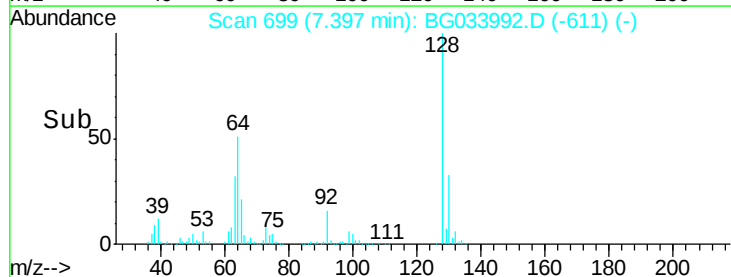
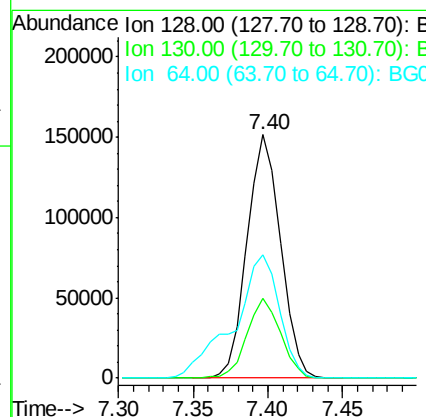
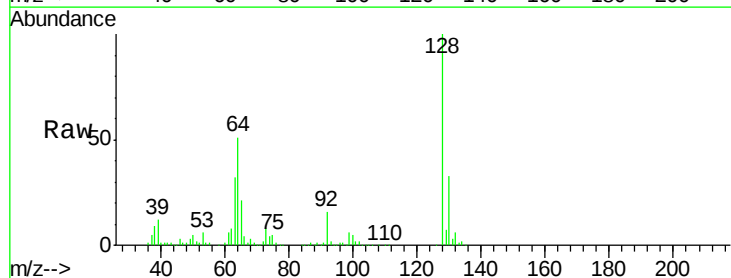
Tgt Ion:128 Resp: 235180

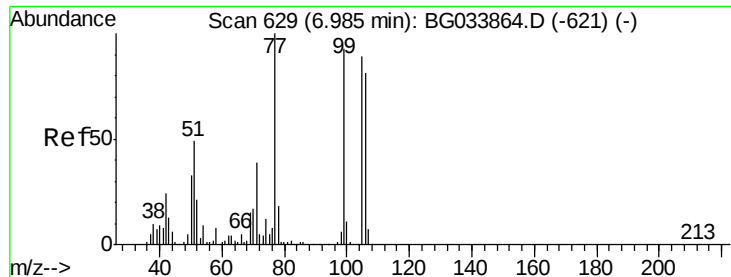
Ion Ratio Lower Upper

128 100

130 32.6 14.0 54.0

64 50.7 37.7 77.7





#9

Benzaldehyde

Concen: 31.831 ng

RT: 6.97 min Scan# 627

Delta R.T. -0.01 min

Lab File: BG033992.D

Acq: 25 Apr 2018 18:30

Instrument :

BNA_G

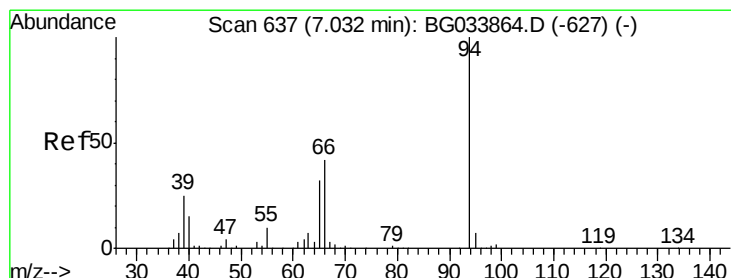
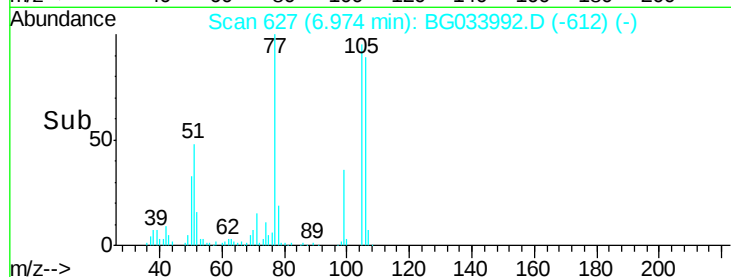
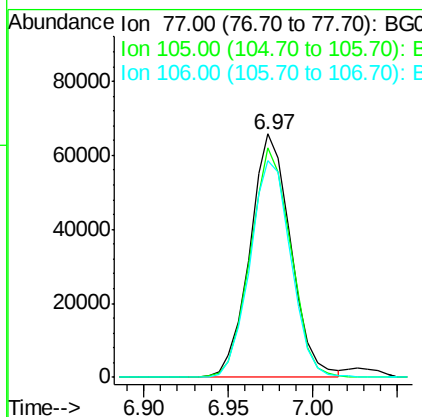
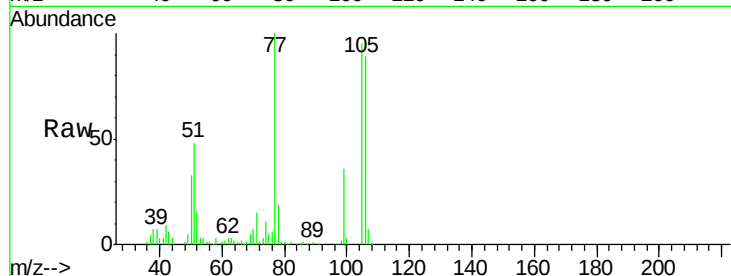
ClientSampleId :

TP-4-11MSD

Tot Ion:	77	Resp:	110652
Ion	Ratio	Lower	Upper
77	100		
105	94.5	71.3	111.3
106	89.1	64.2	104.2

Manual Integrations
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#10

Phenol

Concen: 48.787 ng

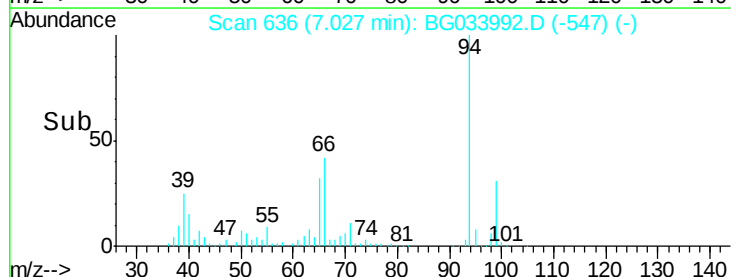
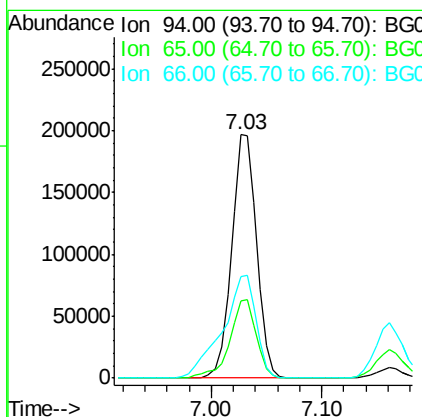
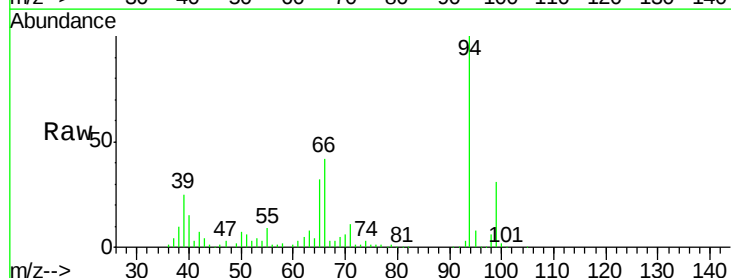
RT: 7.03 min Scan# 636

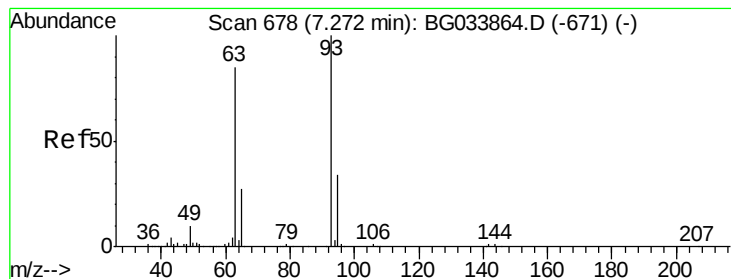
Delta R.T. -0.00 min

Lab File: BG033992.D

Acq: 25 Apr 2018 18:30

Tgt Ion:	94	Resp:	310461
Ion	Ratio	Lower	Upper
94	100		
65	31.6	11.9	51.9
66	41.8	22.2	62.2





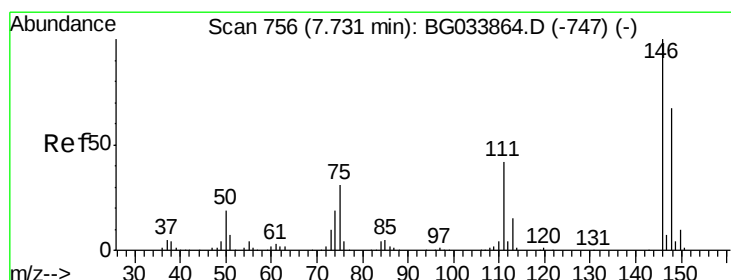
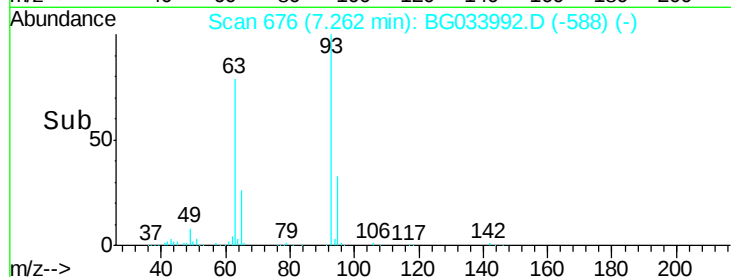
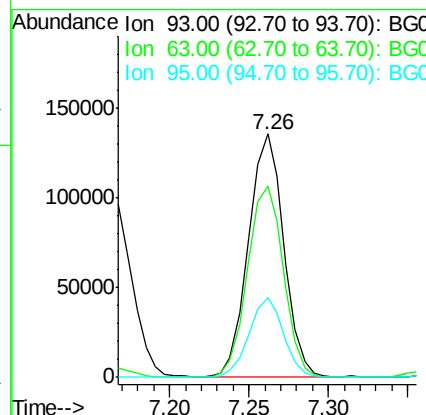
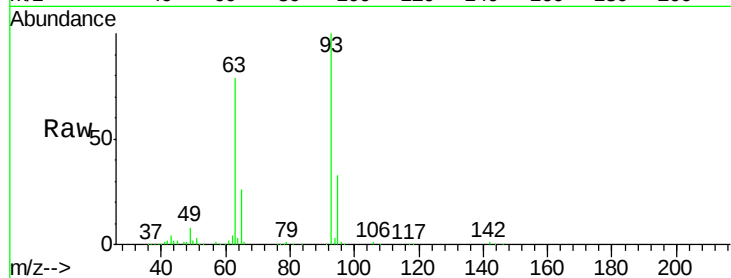
#11
bis(2-Chloroethyl)ether
Concen: 42.953 ng
RT: 7.26 min Scan# 676
Delta R.T. -0.01 min
Lab File: BG033992.D
Acq: 25 Apr 2018 18:30

Instrument :
BNA_G
ClientSampleId :
TP-4-11MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	78.6	67.1	107.1
95	33.0	11.5	51.5

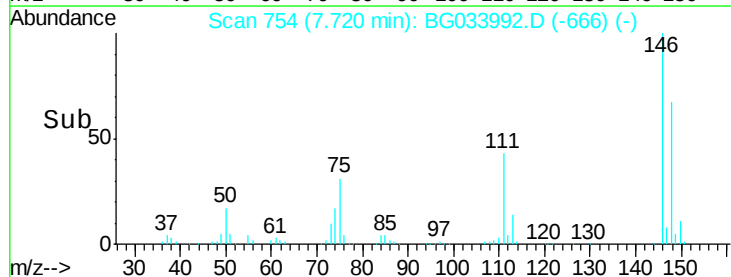
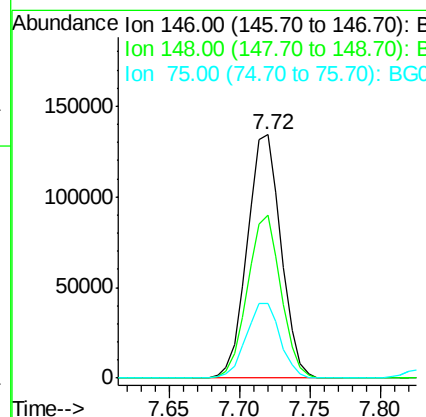
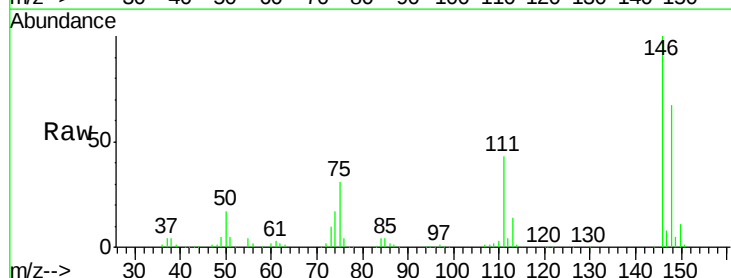
Manual Integrations
APPROVED

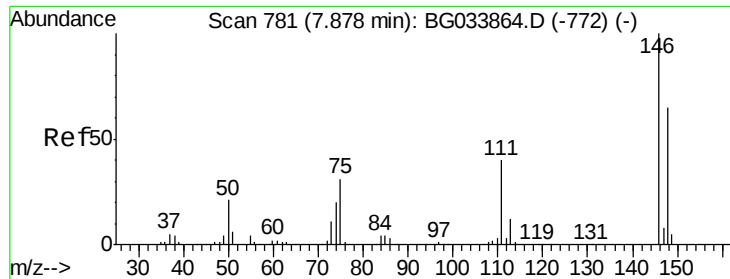
Sohil
4/26/2018 6:16:38 PM



#12
1,3-Dichlorobenzene
Concen: 41.073 ng
RT: 7.72 min Scan# 754
Delta R.T. -0.01 min
Lab File: BG033992.D
Acq: 25 Apr 2018 18:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.7	51.4	77.2
75	30.9	26.6	39.8





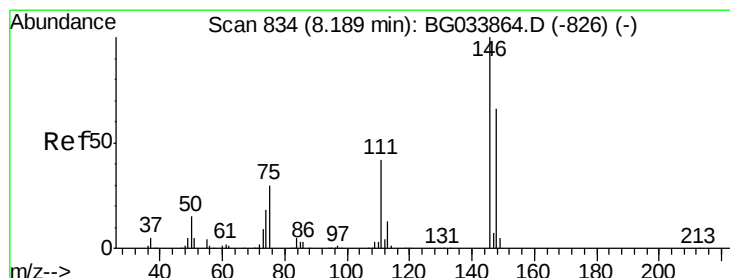
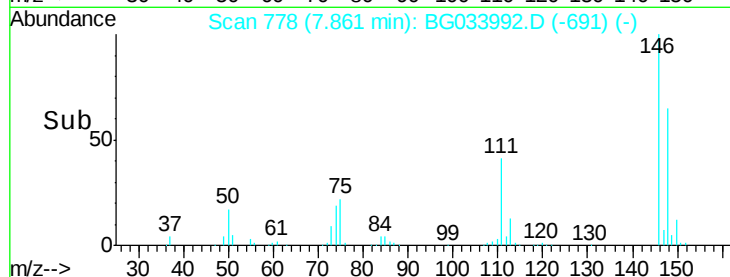
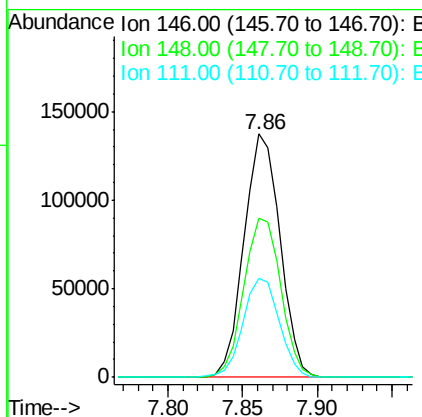
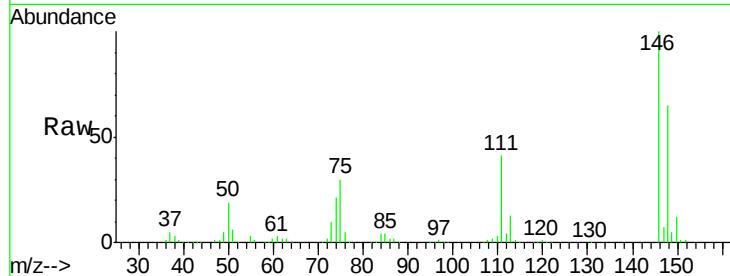
#13
 1,4-Dichlorobenzene
 Concen: 41.151 ng
 RT: 7.86 min Scan# 778
 Delta R.T. -0.02 min
 Lab File: BG033992.D
 Acq: 25 Apr 2018 18:30

Instrument :
 BNA_G
 ClientSampleId :
 TP-4-11MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.5	53.7	80.5
111	40.6	35.2	52.8

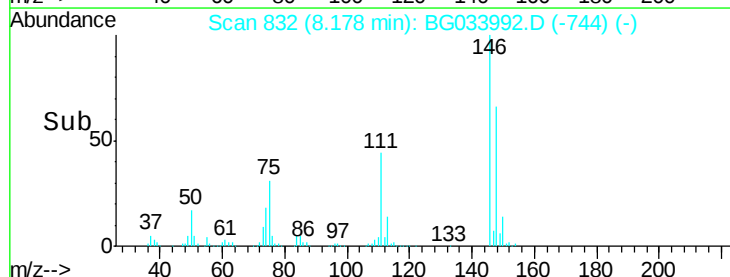
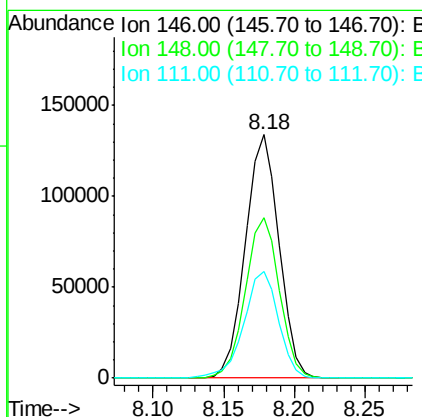
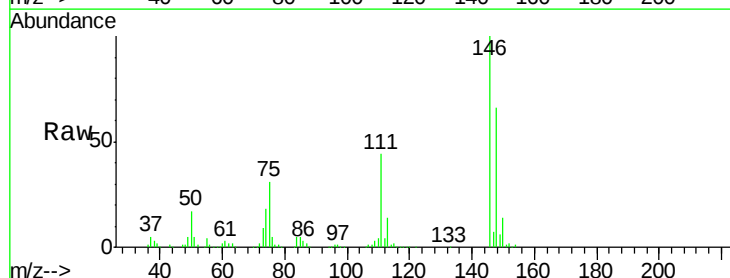
Manual Integrations
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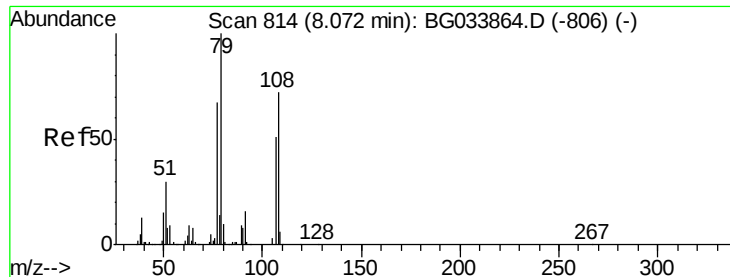
Sohil
 4/26/2018 6:16:38 PM



#14
 1,2-Dichlorobenzene
 Concen: 41.389 ng
 RT: 8.18 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BG033992.D
 Acq: 25 Apr 2018 18:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.9	49.3	73.9
111	43.6	34.3	51.5





#15

Benzyl Alcohol

Concen: 44.396 ng

RT: 8.07 min Scan# 813

Delta R.T. -0.00 min

Lab File: BG033992.D

Acq: 25 Apr 2018 18:30

Instrument :

BNA_G

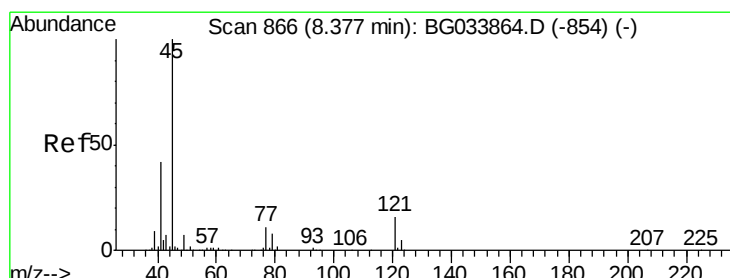
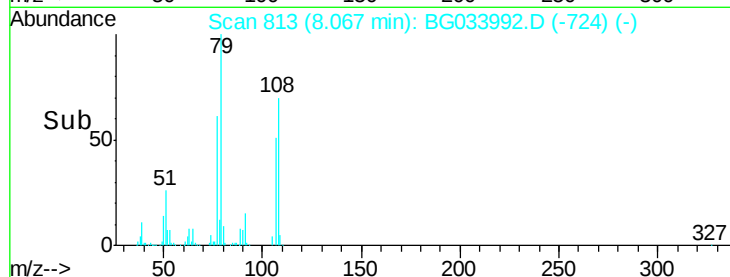
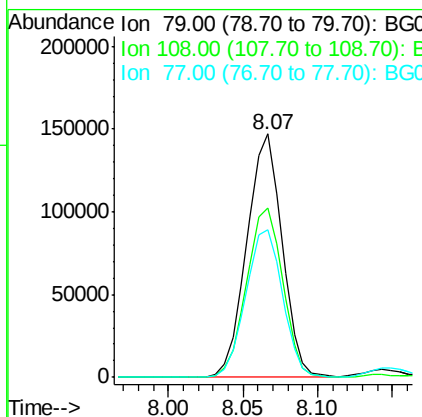
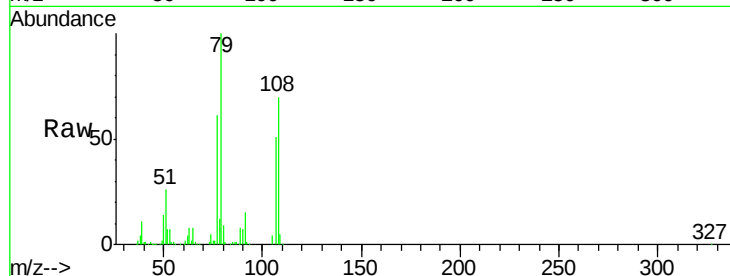
ClientSampleId :

TP-4-11MSD

Tot Ion:	79	Resp:	240477
Ion Ratio	Lower	Upper	
79	100		
108	69.5	57.2	85.8
77	60.9	46.1	69.1

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.214 ng

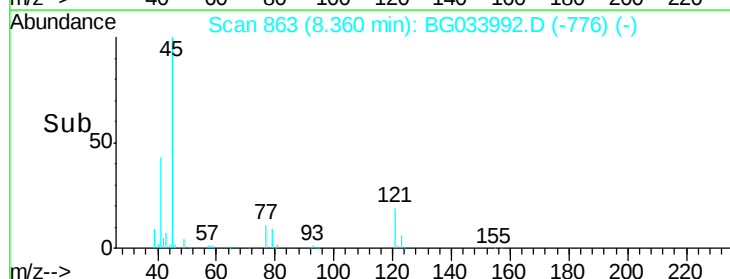
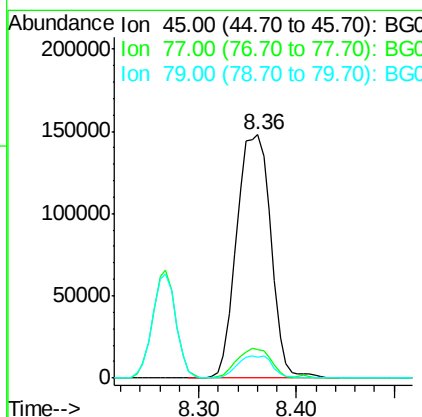
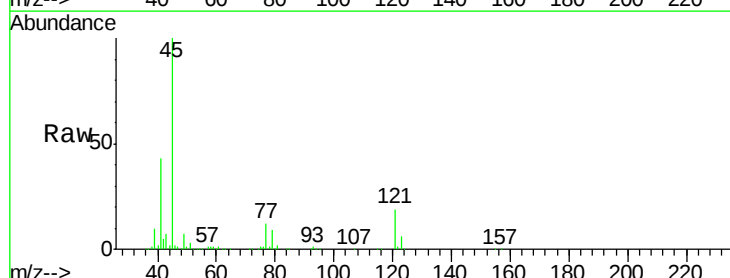
RT: 8.36 min Scan# 863

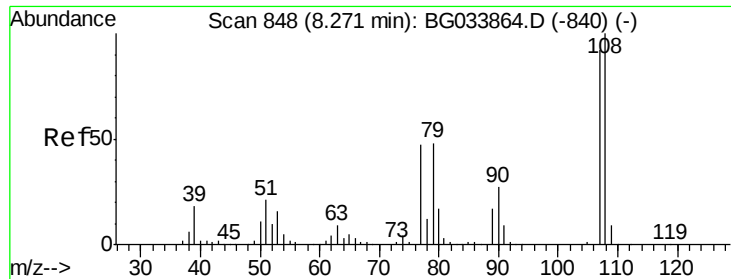
Delta R.T. -0.02 min

Lab File: BG033992.D

Acq: 25 Apr 2018 18:30

Tgt Ion:	45	Resp:	362755
Ion Ratio	Lower	Upper	
45	100		
77	11.7	0.0	30.2
79	8.7	0.0	27.9





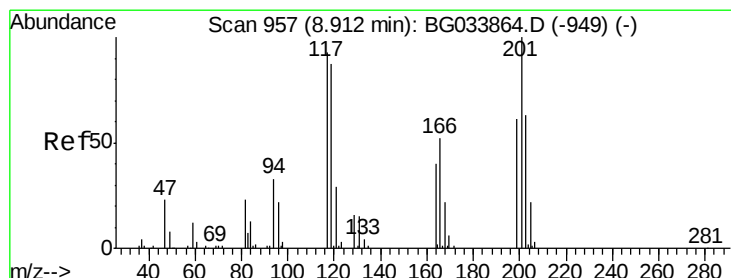
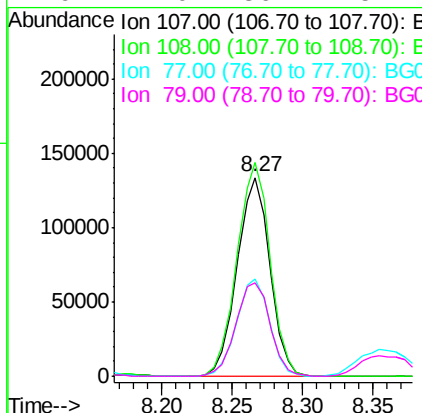
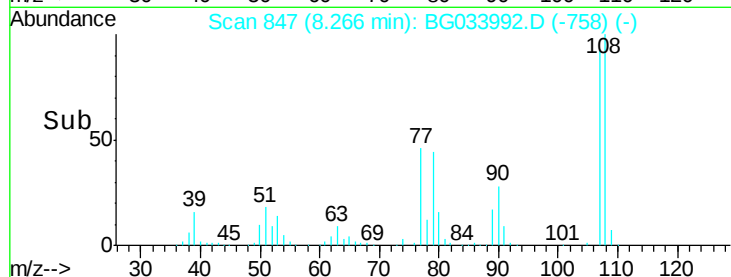
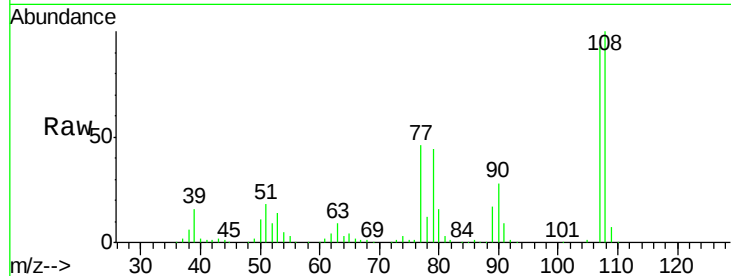
#17
2-Methylphenol
Concen: 45.933 ng
RT: 8.27 min Scan# 847
Delta R.T. -0.00 min
Lab File: BG033992.D
Acq: 25 Apr 2018 18:30

Instrument :
BNA_G
ClientSampled :
TP-4-11MSD

Tot Ion	107	Resp	216605
Ion Ratio	Lower	Upper	
107	100		
108	107.3	83.9	125.9
77	49.1	37.2	55.8
79	47.0	36.2	54.2

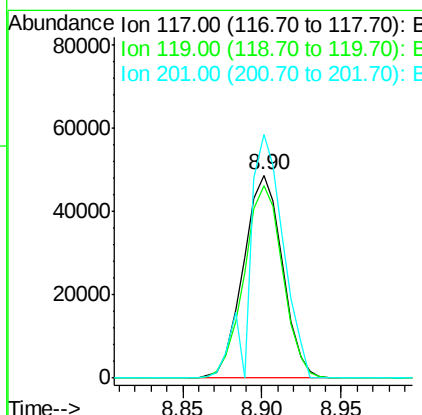
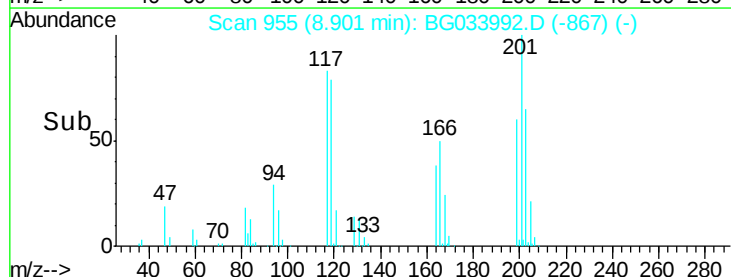
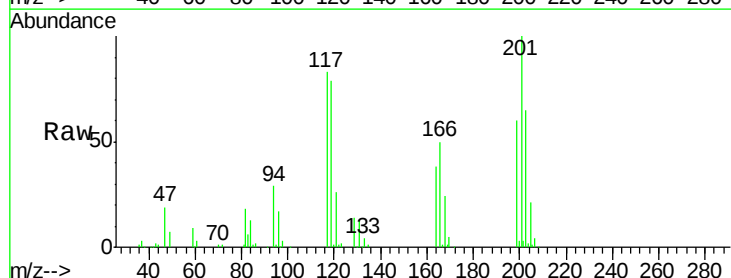
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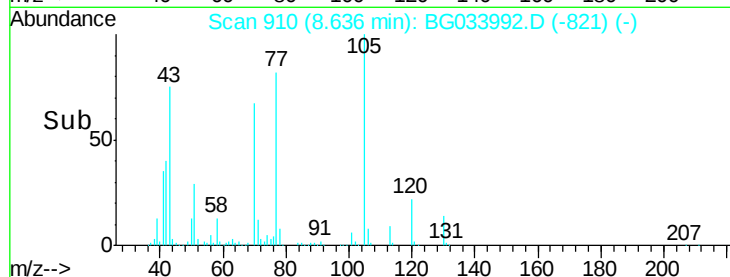
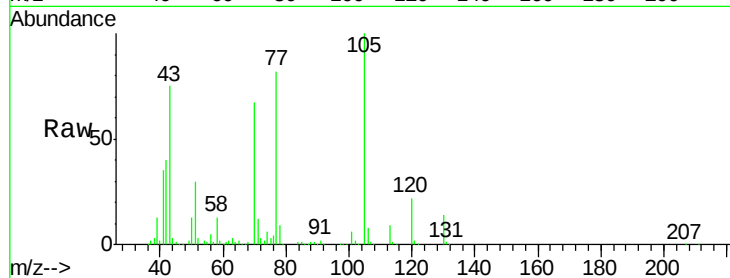
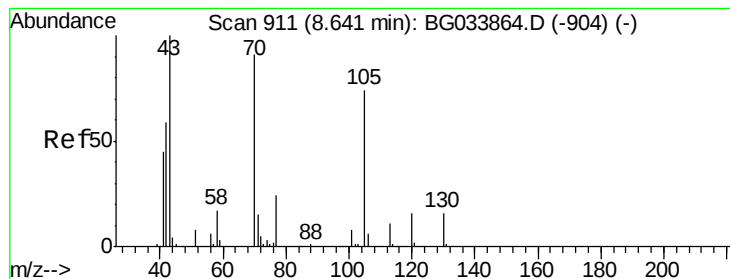
Sohil
4/26/2018 6:16:38 PM



#18
Hexachloroethane
Concen: 40.966 ng
RT: 8.90 min Scan# 955
Delta R.T. -0.01 min
Lab File: BG033992.D
Acq: 25 Apr 2018 18:30

Tgt Ion	117	Resp	83292
Ion Ratio	Lower	Upper	
117	100		
119	94.8	76.7	115.1
201	123.0	95.7	143.5





#19

n-Nitroso-di-n-propylamine

Concen: 38.943 ng

RT: 8.64 min Scan# 910

Delta R.T. -0.01 min

Lab File: BG033992.D

Acq: 25 Apr 2018 18:30

Tot Ion:	70	Resp:	206203
Ion Ratio	Lower	Upper	
70	100		
42	59.9	49.1	73.7
101	9.6	8.5	12.7
130	21.2	13.4	20.0#

Instrument :

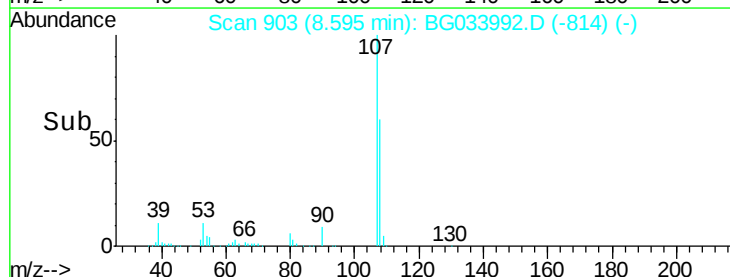
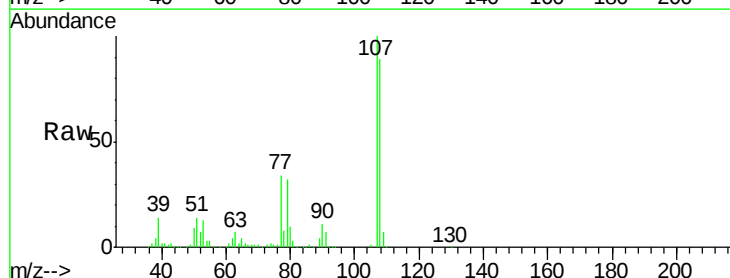
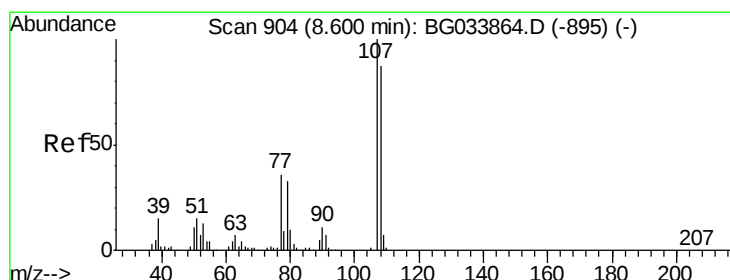
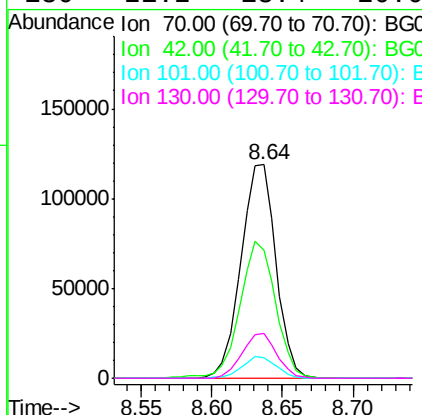
BNA_G

ClientSampleId :

TP-4-11MSD

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#20

3+4-Methylphenols

Concen: 44.360 ng

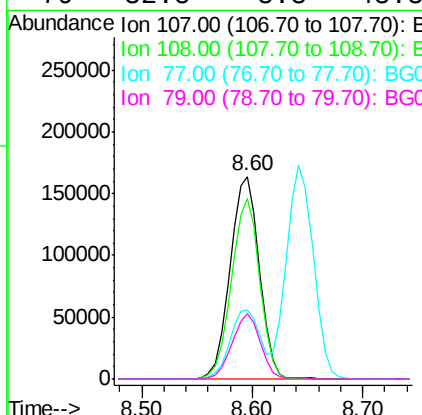
RT: 8.60 min Scan# 903

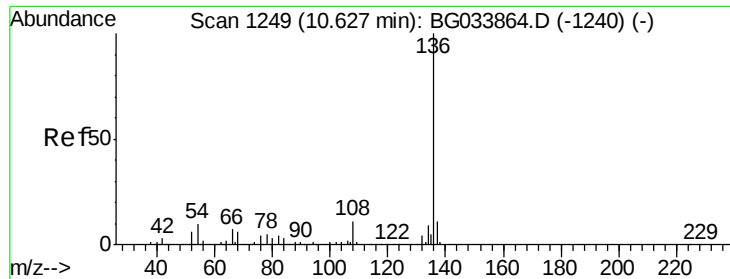
Delta R.T. -0.00 min

Lab File: BG033992.D

Acq: 25 Apr 2018 18:30

Tgt Ion:	107	Resp:	303958
Ion Ratio	Lower	Upper	
107	100		
108	89.0	61.6	101.6
77	33.9	13.9	53.9
79	32.5	8.8	48.8





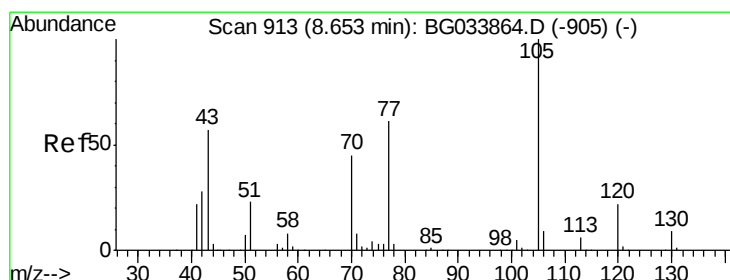
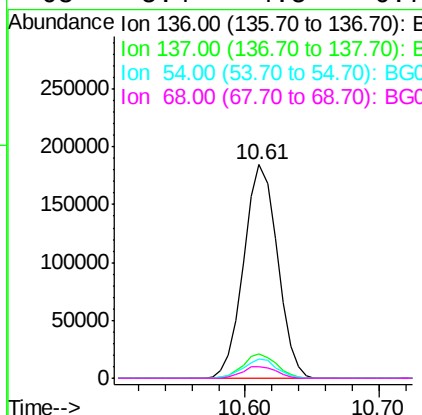
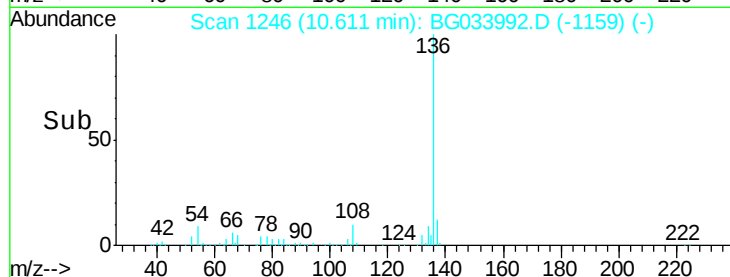
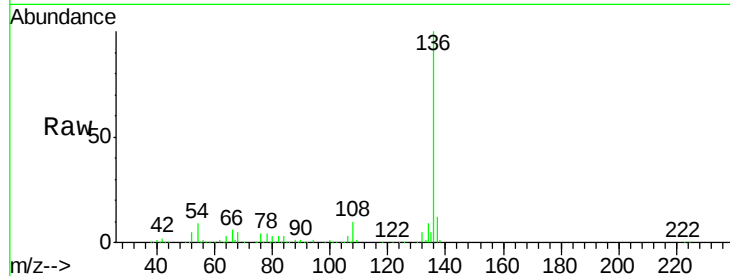
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.61 min Scan# 1246
Delta R.T. -0.02 min
Lab File: BG033992.D
Acq: 25 Apr 2018 18:30

Instrument :
BNA_G
ClientSampleId :
TP-4-11MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.6	9.2	13.8	
54	8.7	10.3	15.5	
68	5.4	4.5	6.7	

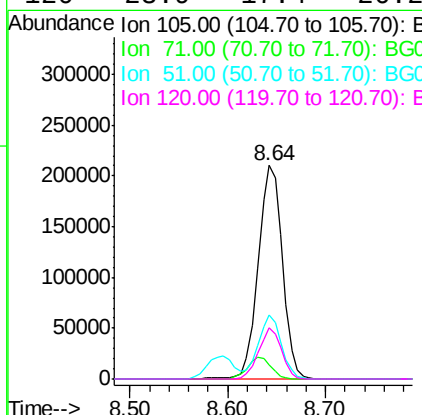
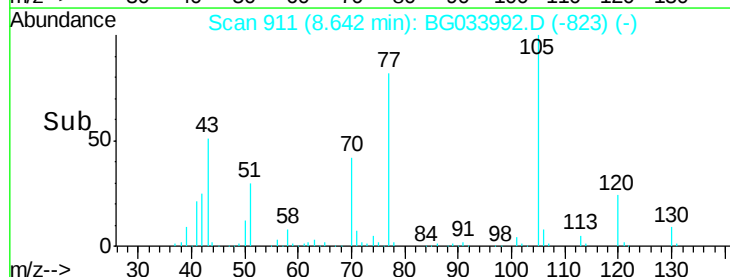
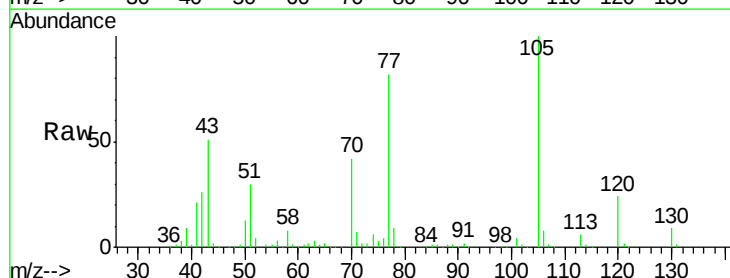
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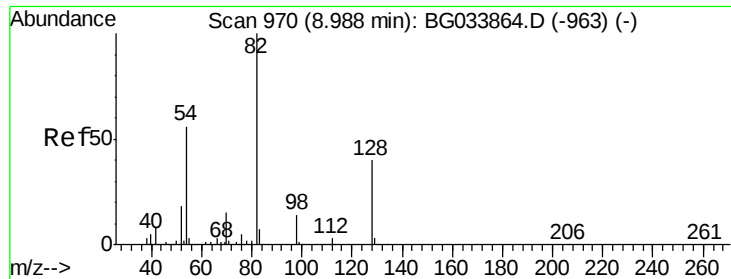
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#22
Acetophenone
Concen: 41.687 ng
RT: 8.64 min Scan# 911
Delta R.T. -0.01 min
Lab File: BG033992.D
Acq: 25 Apr 2018 18:30

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	6.7	3.0	4.4	
51	30.1	26.1	39.1	
120	23.9	17.4	26.2	





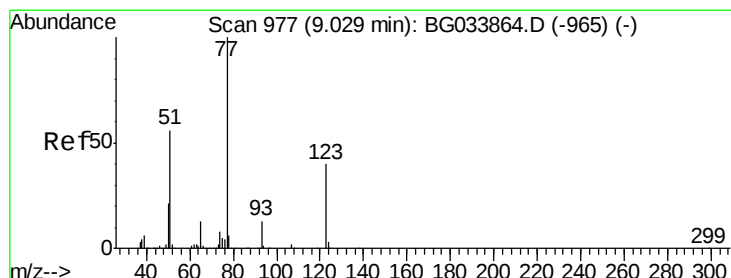
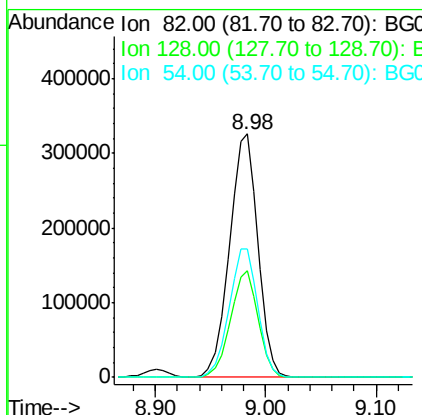
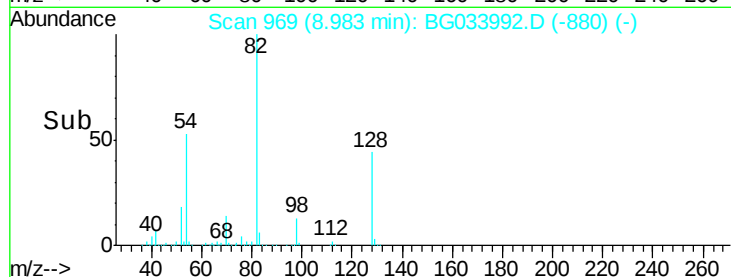
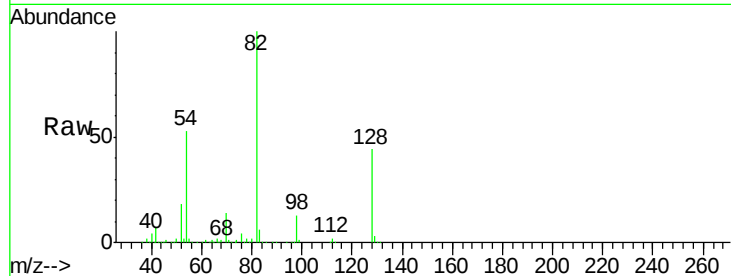
#23
 Nitrobenzene-d5
 Concen: 103.579 ng
 RT: 8.98 min Scan# 969
 Delta R.T. -0.00 min
 Lab File: BG033992.D
 Acq: 25 Apr 2018 18:30

Instrument :
 BNA_G
 ClientSampleId :
 TP-4-11MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.6	29.7	44.5
54	52.5	43.1	64.7

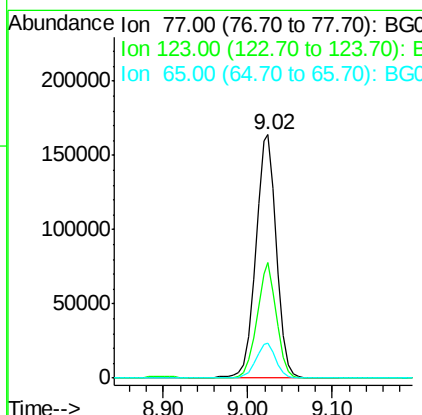
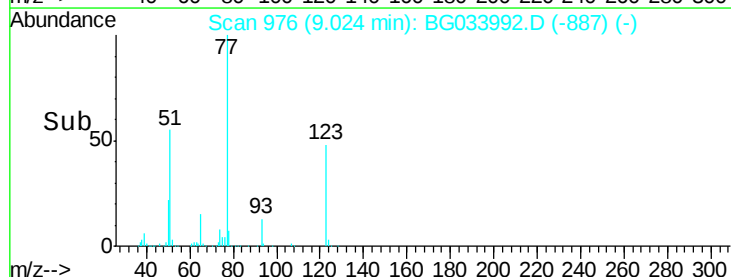
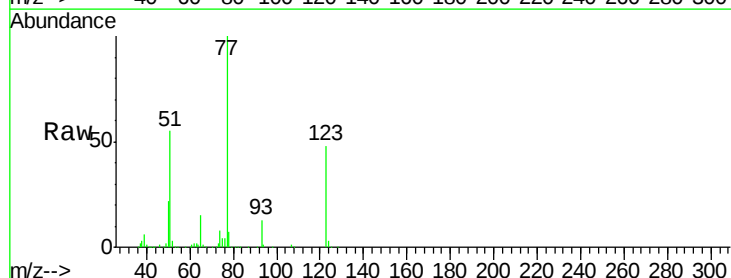
Manual Integrations
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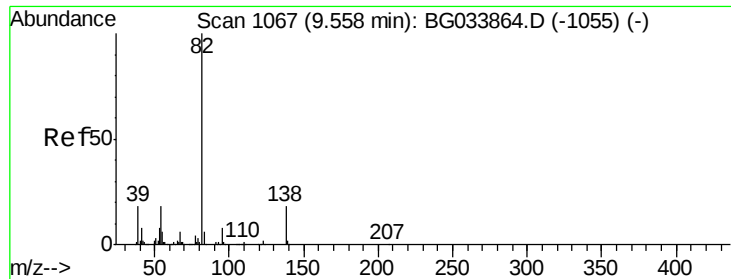
Sohil
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#24
 Nitrobenzene
 Concen: 45.417 ng
 RT: 9.02 min Scan# 976
 Delta R.T. -0.01 min
 Lab File: BG033992.D
 Acq: 25 Apr 2018 18:30

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.6	33.0	49.6
65	14.5	13.0	19.6





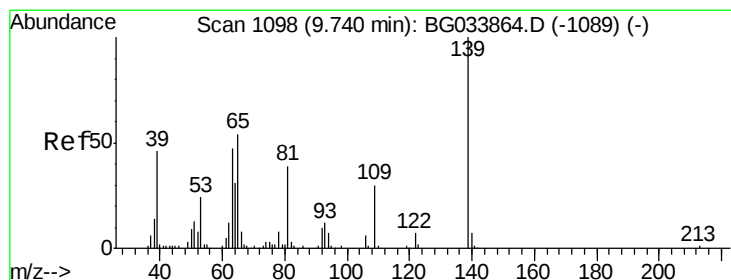
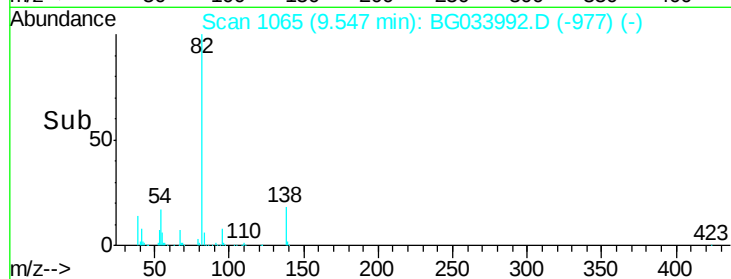
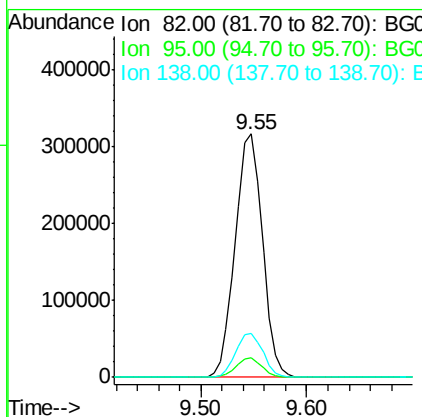
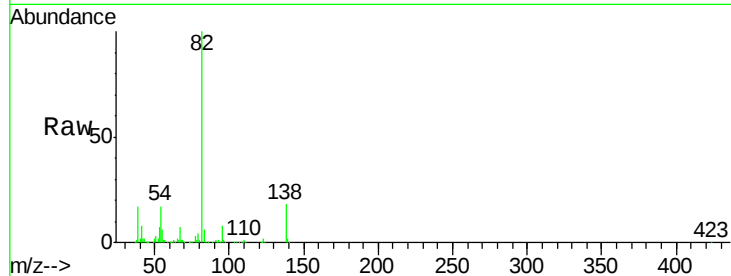
#25
Isophorone
Concen: 44.428 ng
RT: 9.55 min Scan# 1065
Delta R.T. -0.01 min
Lab File: BG033992.D
Acq: 25 Apr 2018 18:30

Instrument :
BNA_G
ClientSampleId :
TP-4-11MSD

Tot Ion	82	Resp	565730
Ion	Ratio	Lower	Upper
82	100		
95	7.9	6.2	9.2
138	18.1	12.1	18.1

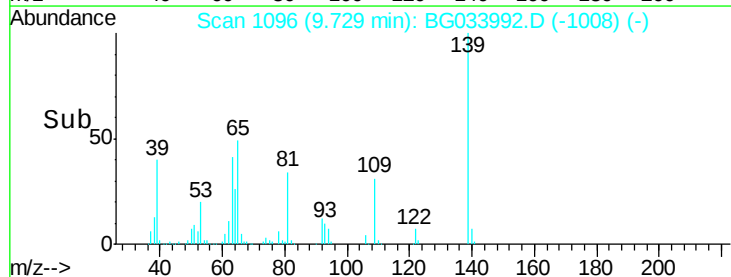
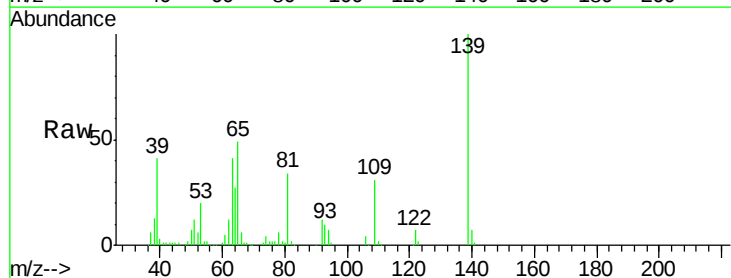
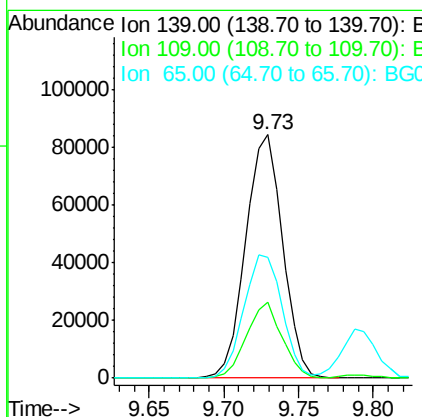
Manual Integrations
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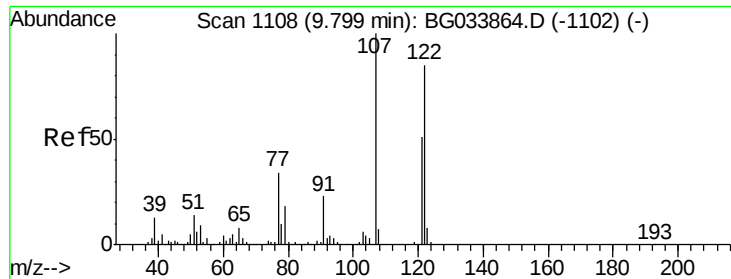
Sohil
4/26/2018 6:16:38 PM



#26
2-Nitrophenol
Concen: 59.419 ng
RT: 9.73 min Scan# 1096
Delta R.T. -0.01 min
Lab File: BG033992.D
Acq: 25 Apr 2018 18:30

Tgt Ion	139	Resp	144899
Ion	Ratio	Lower	Upper
139	100		
109	30.9	24.2	36.2
65	49.4	47.4	71.0





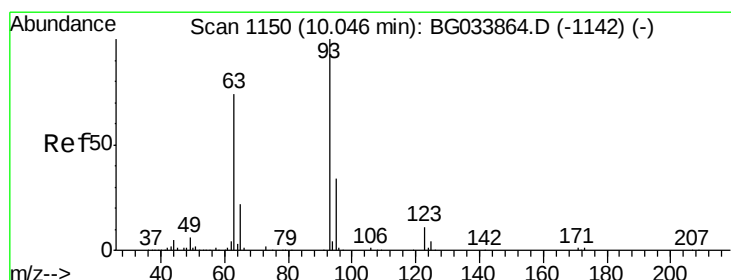
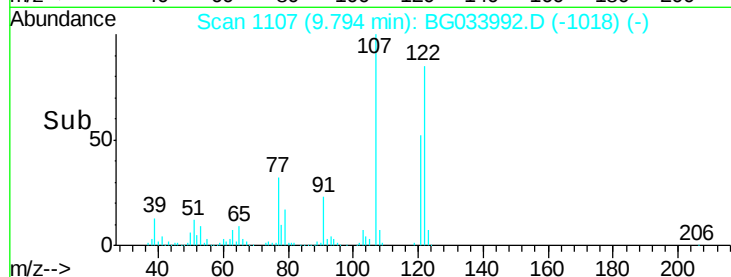
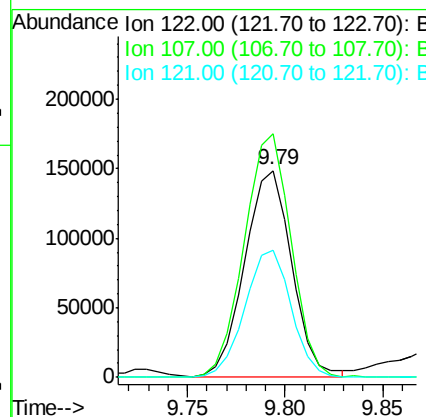
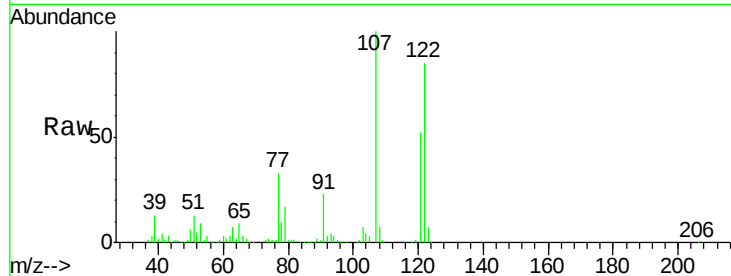
#27
 2,4-Dimethylphenol
 Concen: 54.437 ng
 RT: 9.79 min Scan# 1107
 Delta R.T. -0.00 min
 Lab File: BG033992.D
 Acq: 25 Apr 2018 18:30

Instrument :
 BNA_G
 ClientSampleId :
 TP-4-11MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	117.7	100.2	150.2
121	61.5	44.4	66.6

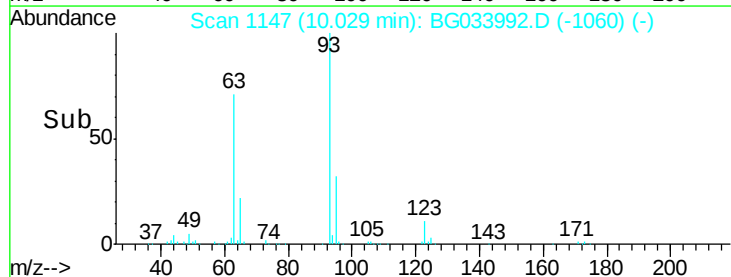
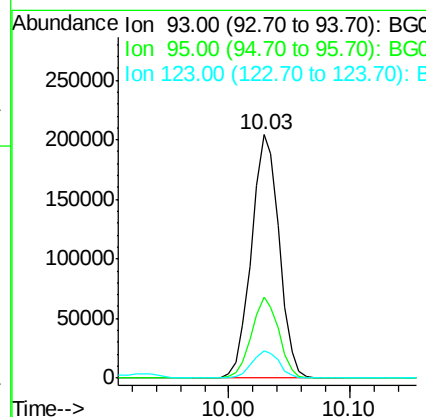
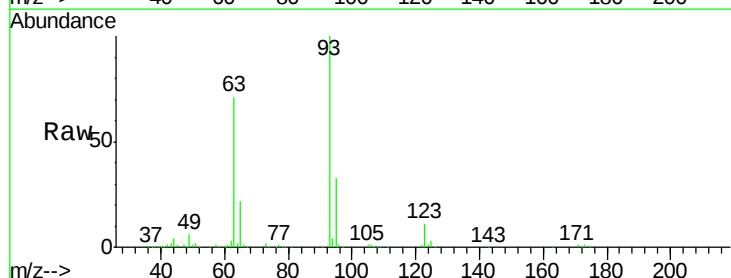
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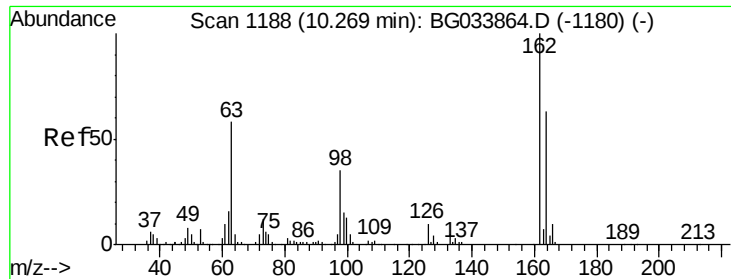
Sohil
 4/26/2018 6:16:38 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 48.664 ng
 RT: 10.03 min Scan# 1147
 Delta R.T. -0.02 min
 Lab File: BG033992.D
 Acq: 25 Apr 2018 18:30

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	24.3	36.5
123	11.2	8.4	12.6





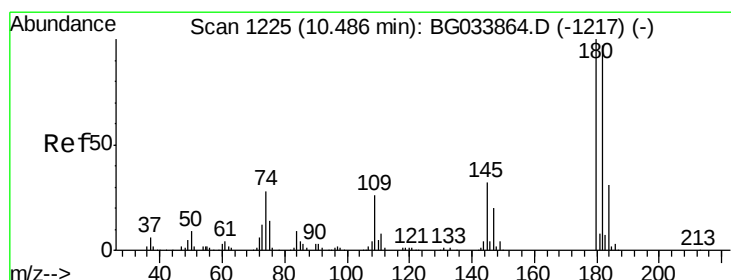
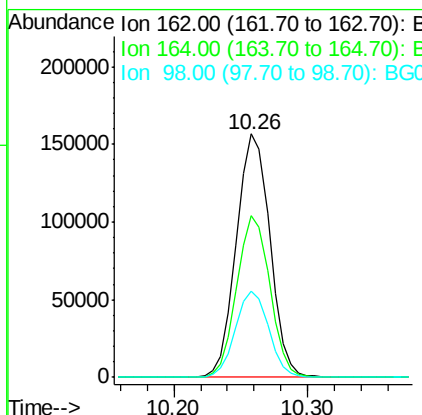
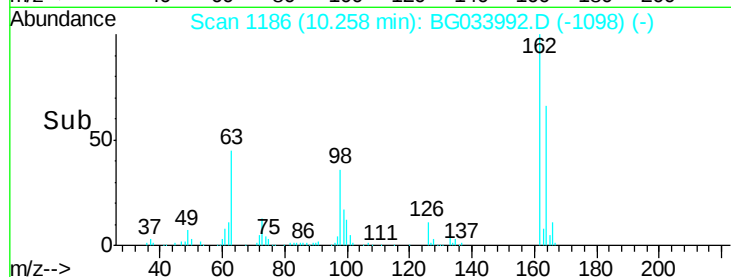
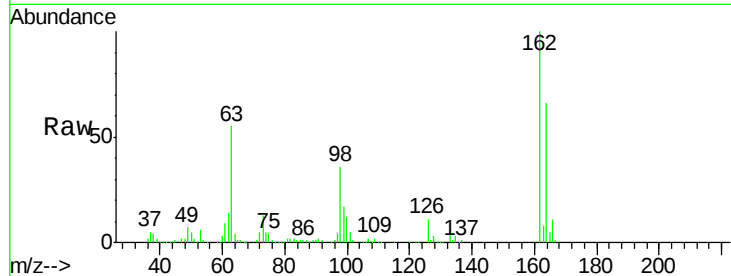
#29
 2,4-Dichlorophenol
 Concen: 53.827 ng
 RT: 10.26 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BG033992.D
 Acq: 25 Apr 2018 18:30

Instrument :
 BNA_G
 ClientSampleId :
 TP-4-11MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	273697		
164	66.3	48.0	88.0	
98	35.6	21.1	61.1	

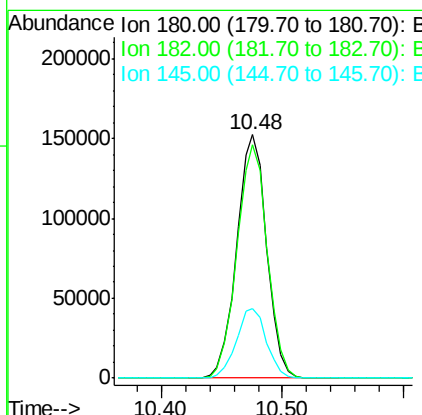
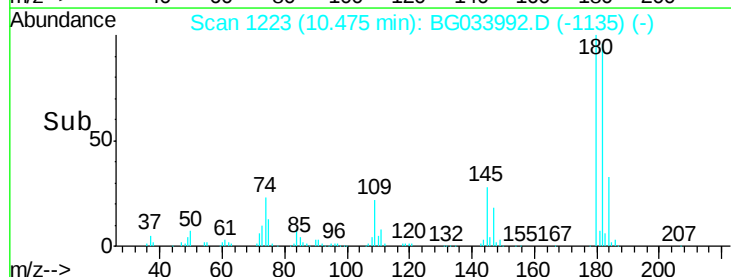
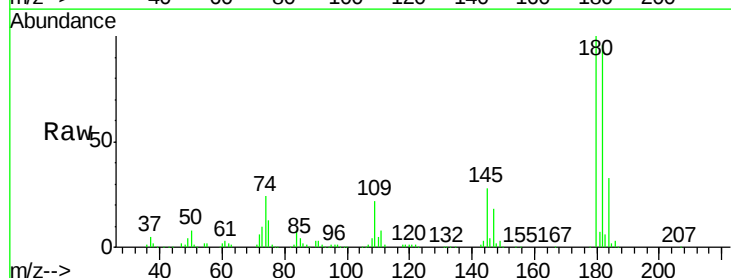
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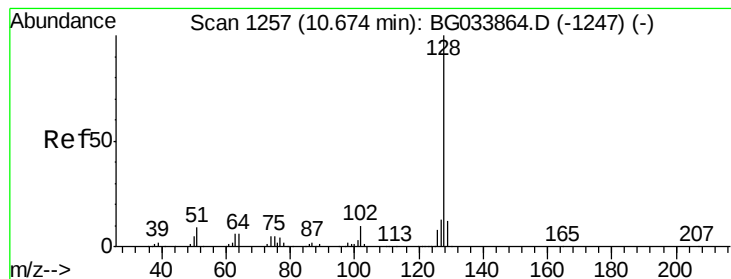
Sohil
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#30
 1,2,4-Trichlorobenzene
 Concen: 45.957 ng
 RT: 10.48 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BG033992.D
 Acq: 25 Apr 2018 18:30

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	261728		
182	95.7	77.5	116.3	
145	28.3	23.4	35.2	





#31

Naphthalene

Concen: 44.199 ng

RT: 10.66 min Scan# 1255

Delta R.T. -0.01 min

Lab File: BG033992.D

Acq: 25 Apr 2018 18:30

Instrument :

BNA_G

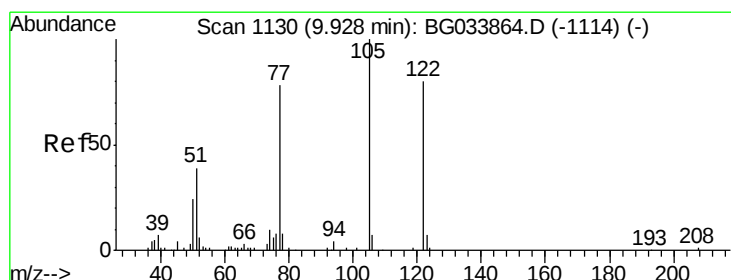
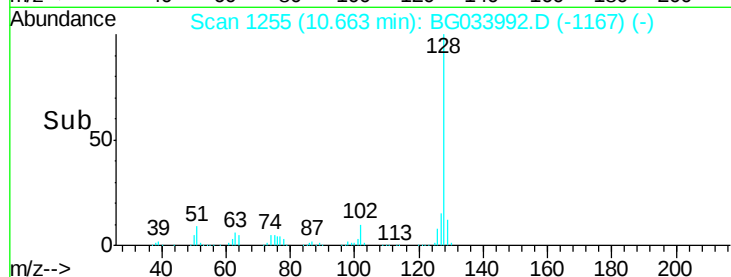
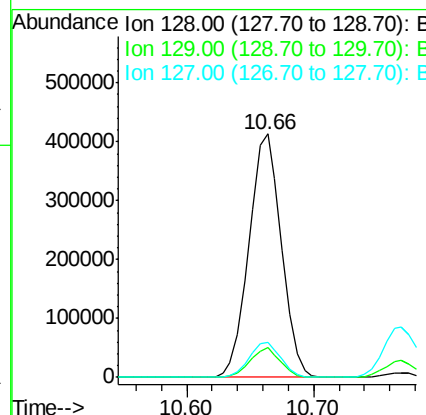
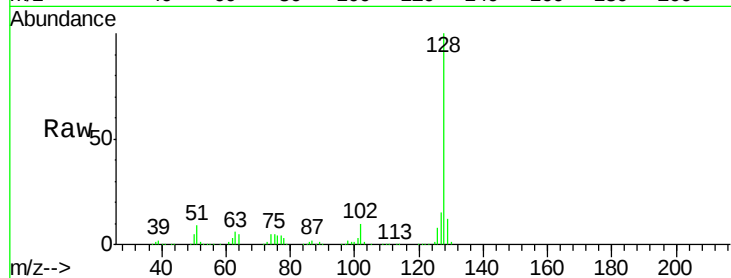
ClientSampled :

TP-4-11MSD

Tot Ion:	128	Resp:	732603
Ion Ratio	Lower	Upper	
128	100		
129	12.1	8.6	12.8
127	14.6	11.6	17.4

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#32

Benzoic acid

Concen: 39.827 ng

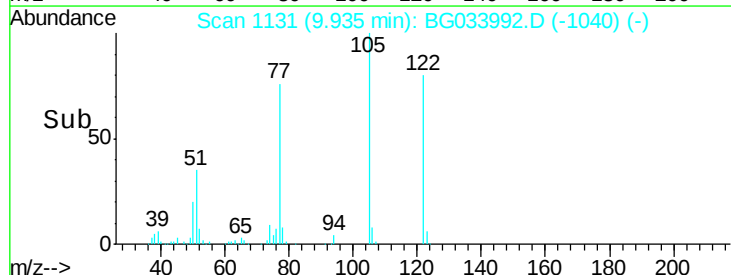
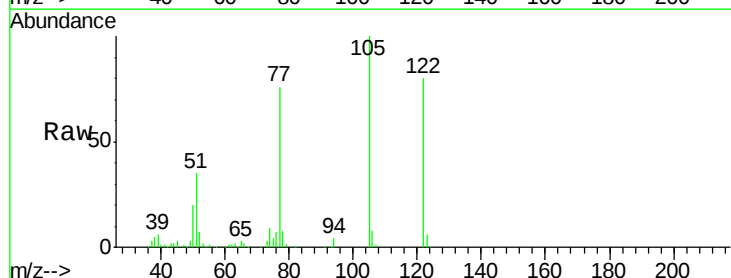
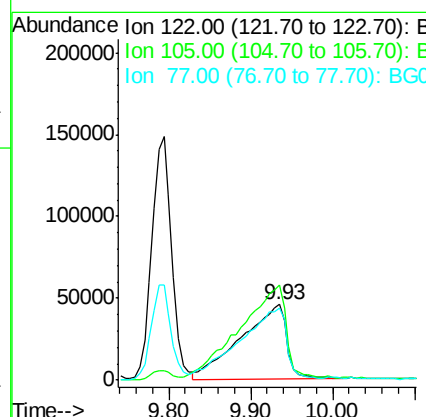
RT: 9.93 min Scan# 1131

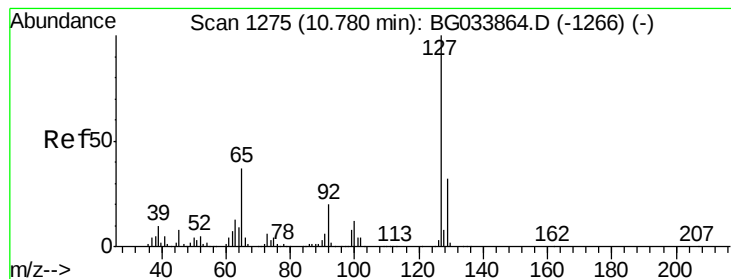
Delta R.T. 0.01 min

Lab File: BG033992.D

Acq: 25 Apr 2018 18:30

Tgt Ion:	122	Resp:	176656
Ion Ratio	Lower	Upper	
122	100		
105	124.9	123.5	163.5
77	94.6	85.7	125.7





#33

4-Chloroaniline

Concen: 20.544 ng

RT: 10.77 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BG033992.D

Acq: 25 Apr 2018 18:30

Instrument :

BNA_G

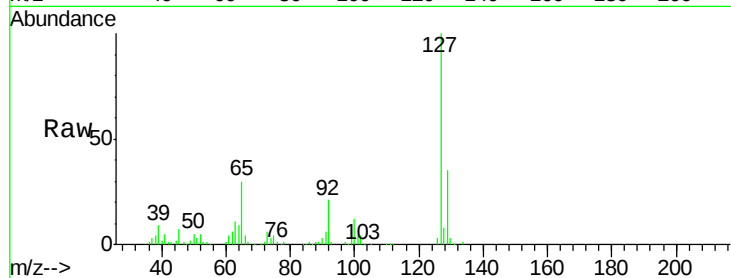
ClientSampleId :

TP-4-11MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	35.1	24.0	36.0		
65	30.4	27.0	40.4		
92	20.6	16.6	25.0		

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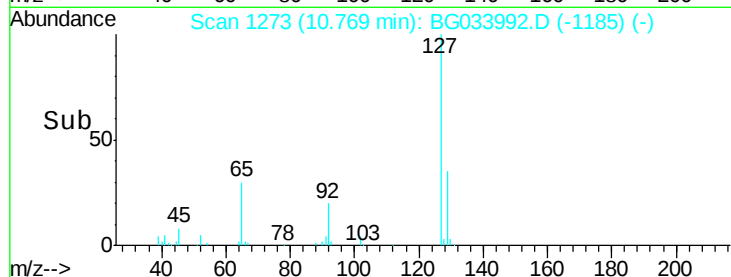
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

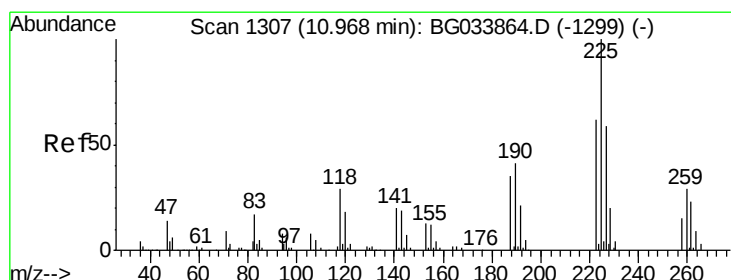
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Time-->



Time-->



#34

Hexachlorobutadiene

Concen: 46.433 ng

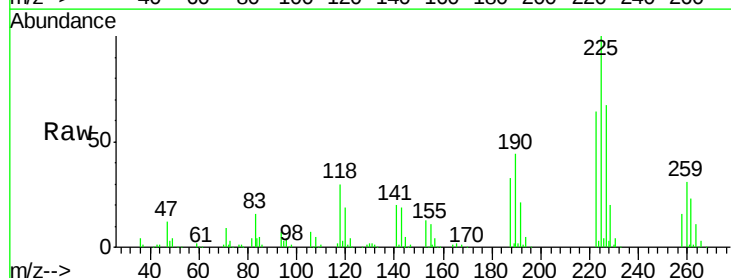
RT: 10.95 min Scan# 1304

Delta R.T. -0.02 min

Lab File: BG033992.D

Acq: 25 Apr 2018 18:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	65.0	49.7	74.5		
227	3.0	48.1	72.1#		

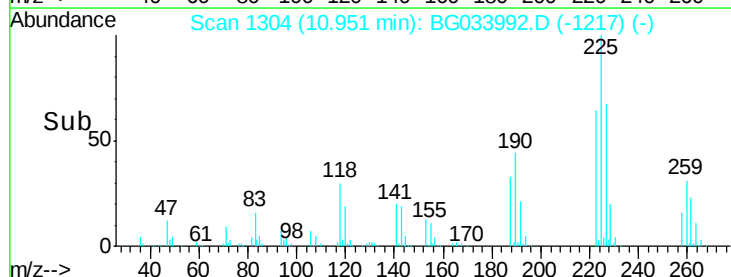


Abundance Ion 225.00 (224.70 to 225.70): E

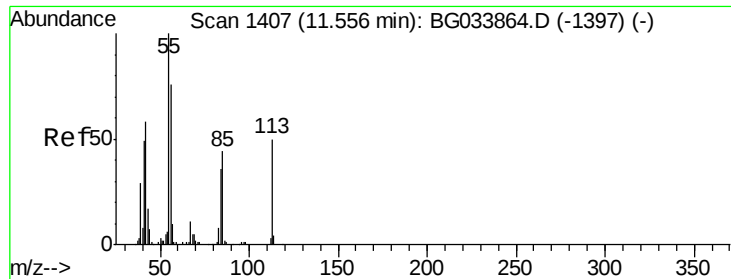
Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

Time-->



Time-->



#35

Caprolactam

Concen: 45.249 ng/ml

RT: 11.56 min Scan# 1407

Delta R.T. 0.00 min

Lab File: BG033992.D

Acq: 25 Apr 2018 18:30

Instrument :

BNA_G

ClientSampled :

TP-4-11MSD

Tot Ion:113 Resp: 97822

Ion Ratio Lower Upper

113 100

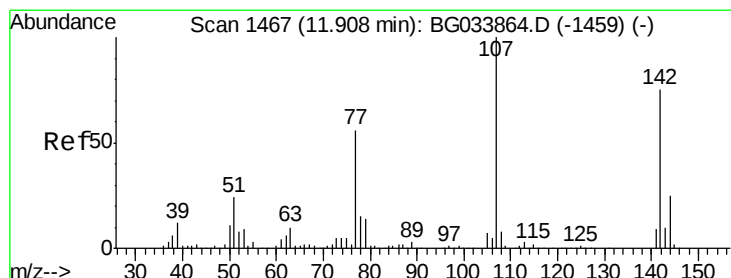
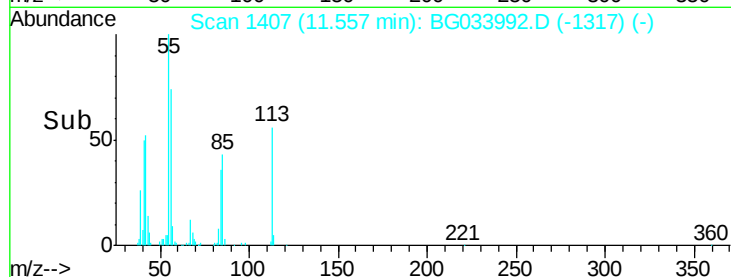
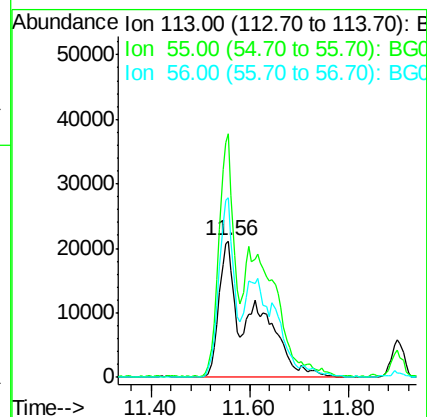
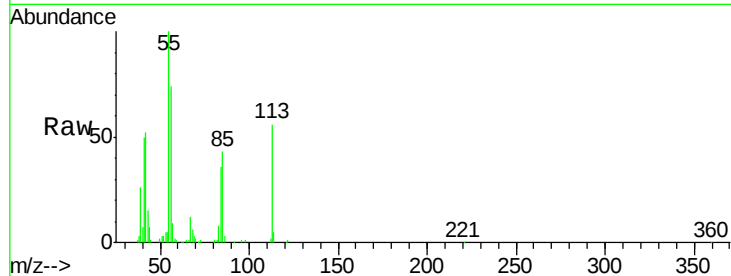
55 178.5 186.9 226.9#

56 132.1 130.9 170.9

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4/26/2018 6:16:38 PM



#36

4-Chloro-3-methylphenol

Concen: 47.847 ng/ml

RT: 11.90 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BG033992.D

Acq: 25 Apr 2018 18:30

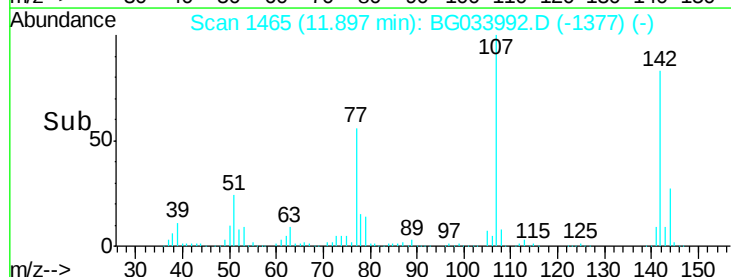
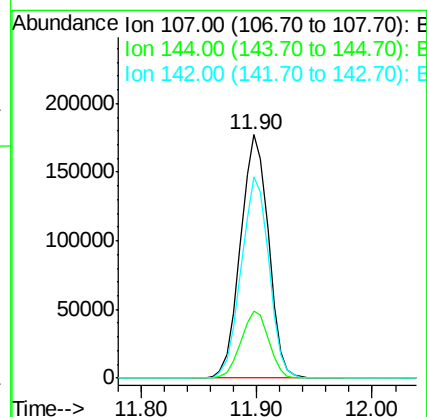
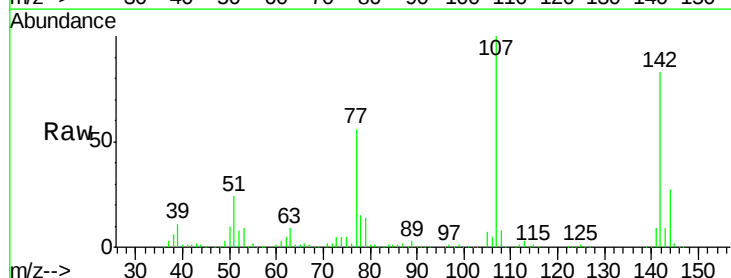
Tgt Ion:107 Resp: 296938

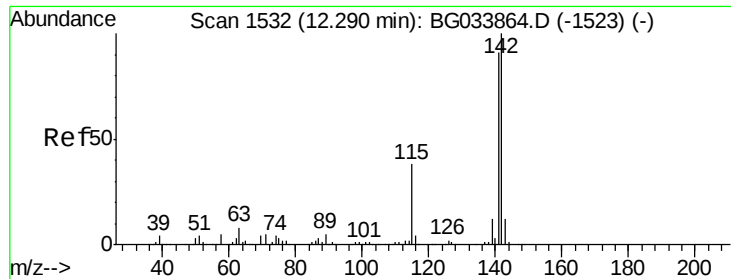
Ion Ratio Lower Upper

107 100

144 27.3 18.2 27.4

142 82.5 59.0 88.4





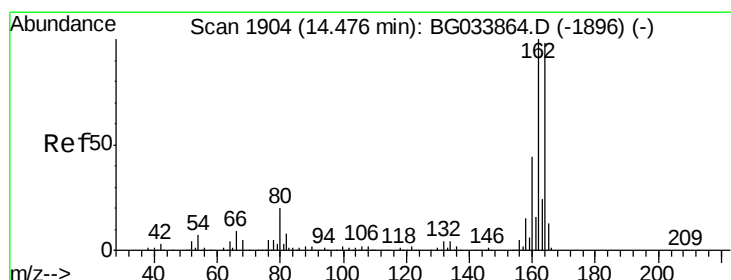
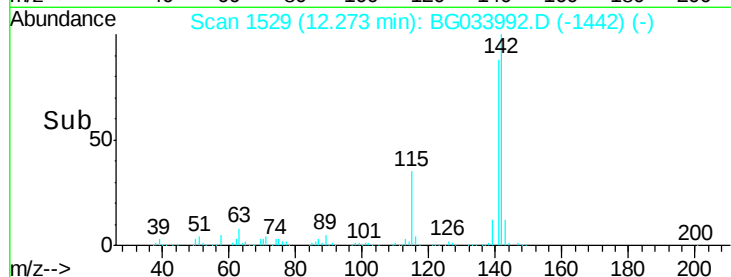
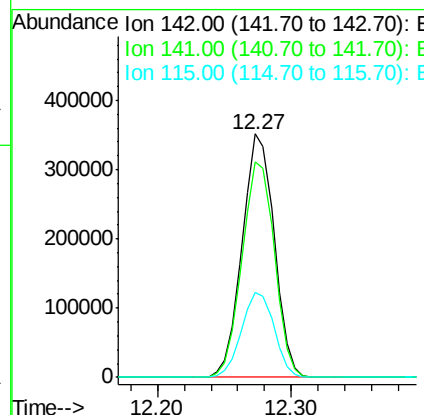
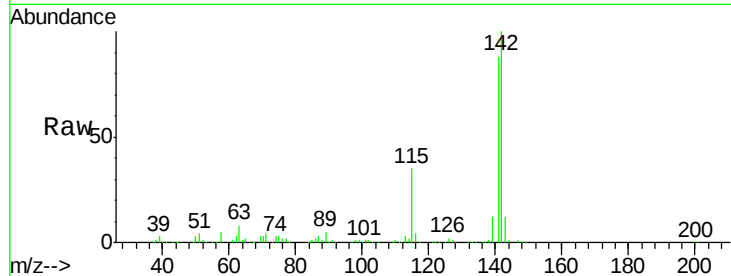
#37
2-Methylnaphthalene
Concen: 45.942 ng
RT: 12.27 min Scan# 1529
Delta R.T. -0.02 min
Lab File: BG033992.D
Acq: 25 Apr 2018 18:30

Instrument :
BNA_G
ClientSampleId :
TP-4-11MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	67.1	100.7
115	34.6	30.7	46.1

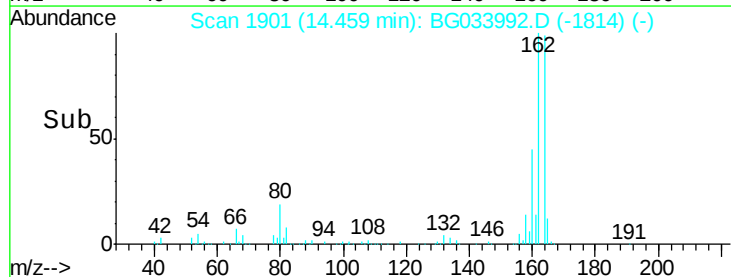
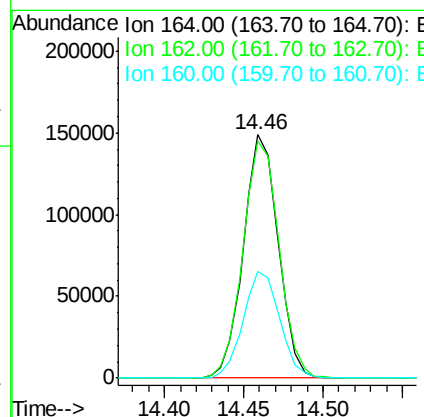
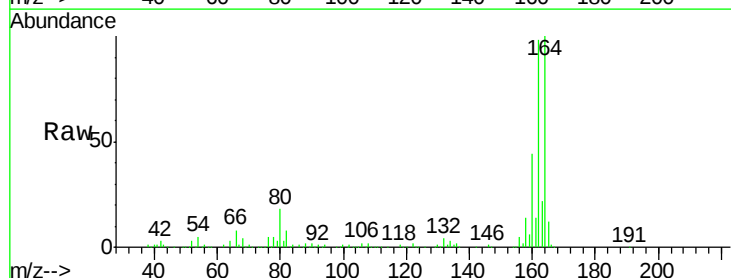
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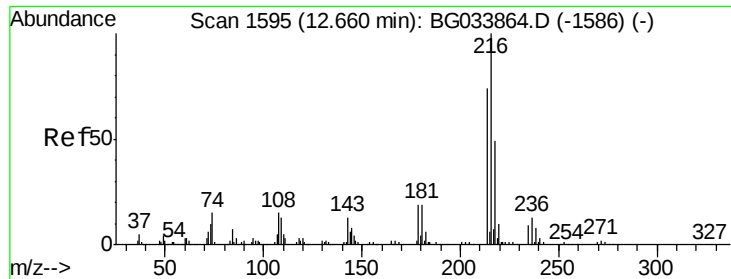
Sohil
4/26/2018 6:16:38 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.46 min Scan# 1901
Delta R.T. -0.02 min
Lab File: BG033992.D
Acq: 25 Apr 2018 18:30

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.6	78.8	118.2
160	43.8	35.4	53.0





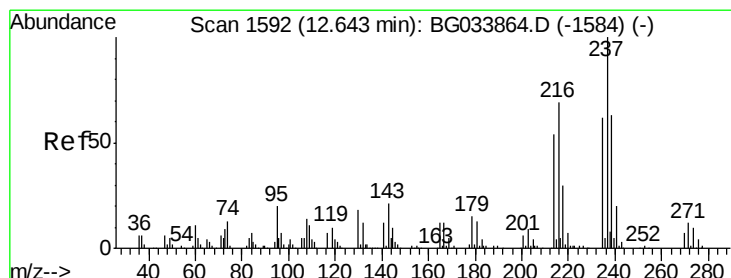
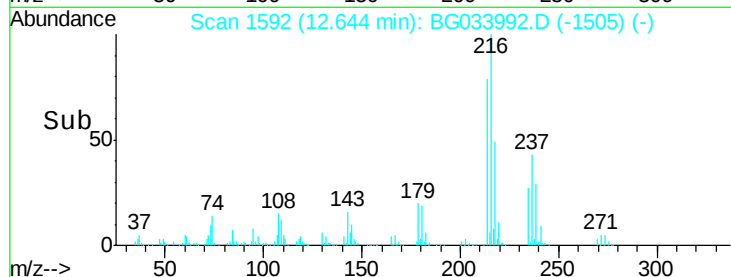
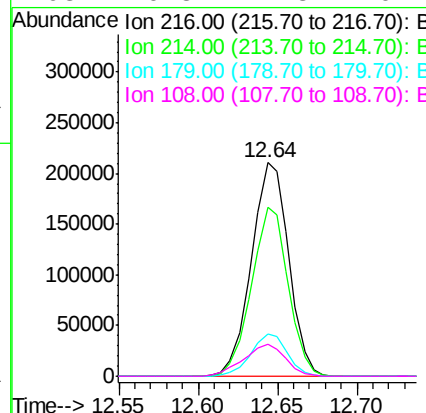
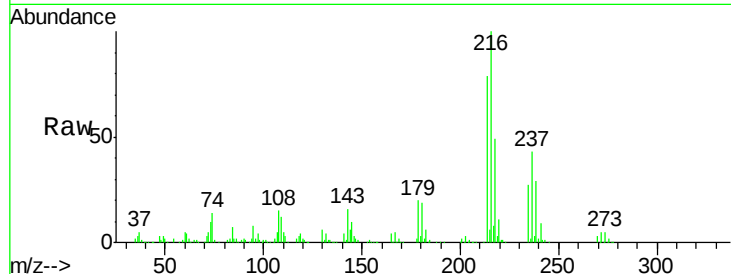
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.893 ng
 RT: 12.64 min Scan# 1592
 Delta R.T. -0.02 min
 Lab File: BG033992.D
 Acq: 25 Apr 2018 18:30

Instrument :
 BNA_G
 ClientSampled :
 TP-4-11MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
344681	216	100			
	214	77.6	63.0	94.4	
	179	19.1	17.0	25.6	
	108	16.8	12.8	19.2	

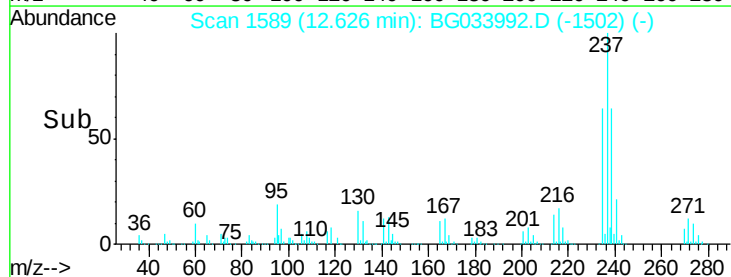
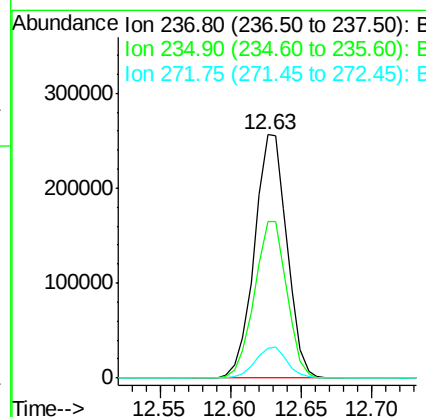
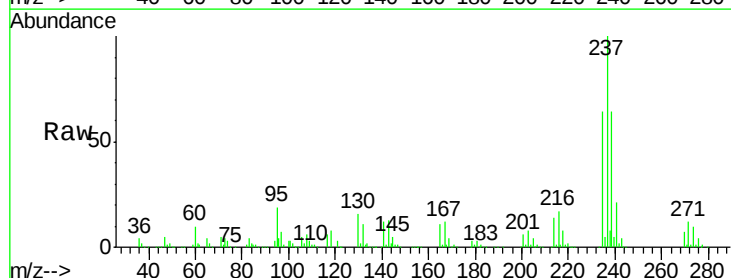
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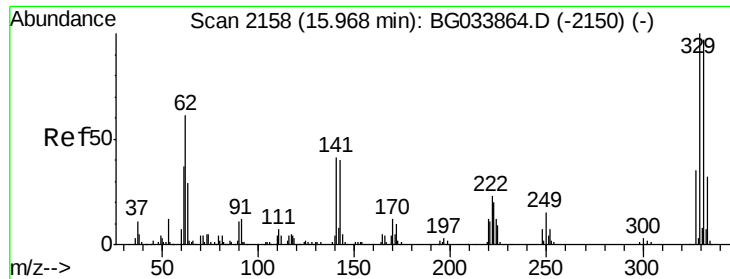
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#40
 Hexachlorocyclopentadiene
 Concen: 100.127 ng
 RT: 12.63 min Scan# 1589
 Delta R.T. -0.02 min
 Lab File: BG033992.D
 Acq: 25 Apr 2018 18:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
413491	237	100			
	235	64.2	50.4	90.4	
	272	12.4	0.0	31.8	





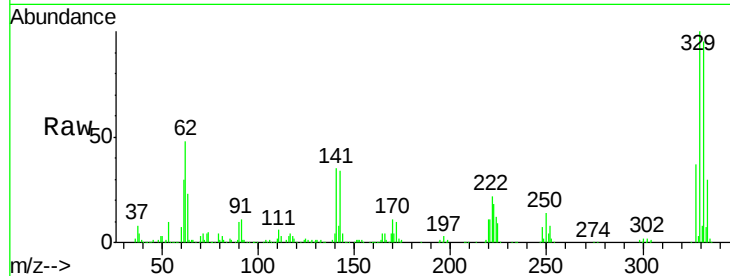
#41
 2,4,6-Tribromophenol
 Concen: 170.629 ng
 RT: 15.96 min Scan# 2156
 Delta R.T. -0.01 min
 Lab File: BG033992.D
 Acq: 25 Apr 2018 18:30

Instrument :
 BNA_G
 ClientSampleId :
 TP-4-11MSD

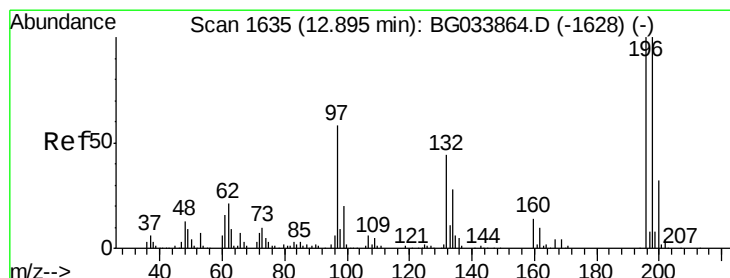
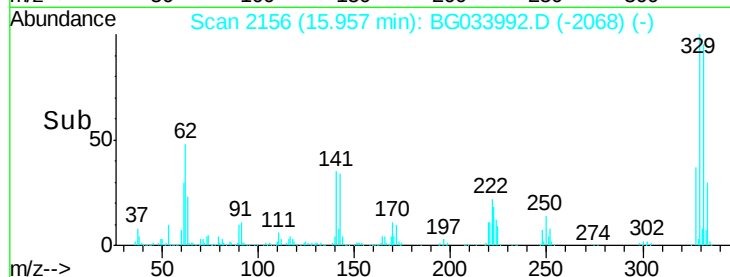
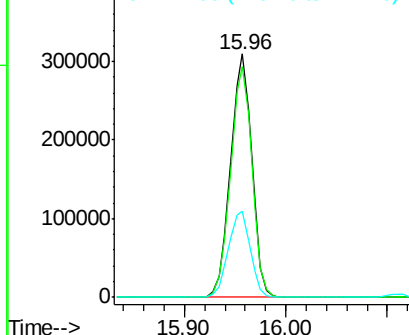
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.8	77.0	115.6	
141	36.7	25.2	37.8	

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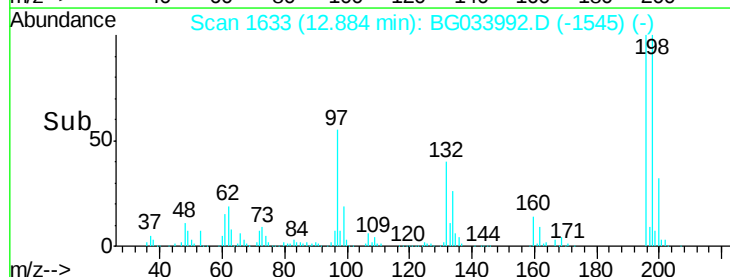
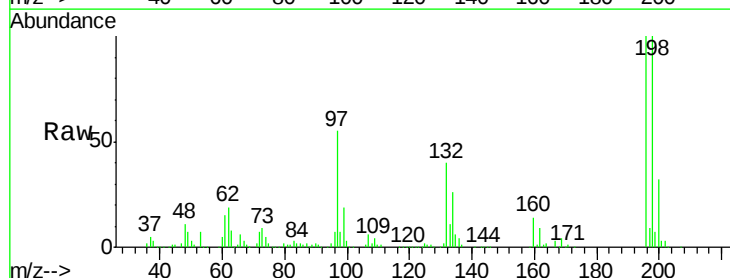
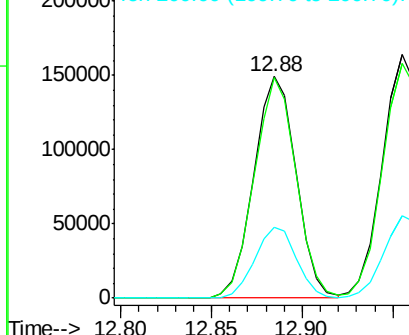
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

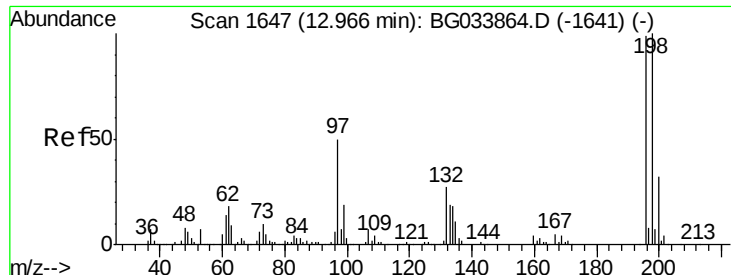


#42
 2,4,6-Trichlorophenol
 Concen: 52.788 ng
 RT: 12.88 min Scan# 1633
 Delta R.T. -0.01 min
 Lab File: BG033992.D
 Acq: 25 Apr 2018 18:30

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	99.8	78.2	117.2	
200	34.7	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





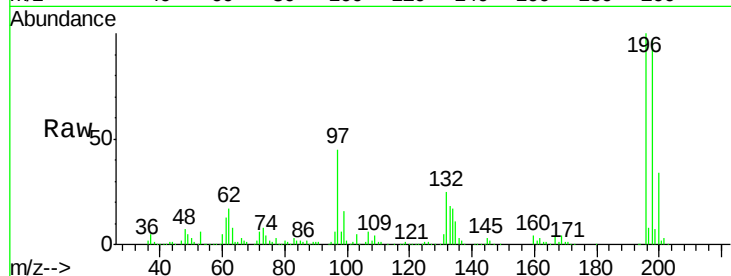
#43
 2,4,5-Trichlorophenol
 Concen: 50.480 ng
 RT: 12.95 min Scan# 1645
 Delta R.T. -0.01 min
 Lab File: BG033992.D
 Acq: 25 Apr 2018 18:30

Instrument :
 BNA_G
 ClientSampleId :
 TP-4-11MSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.6	76.2	114.4
97	44.9	38.7	58.1
132	25.4	20.2	30.2

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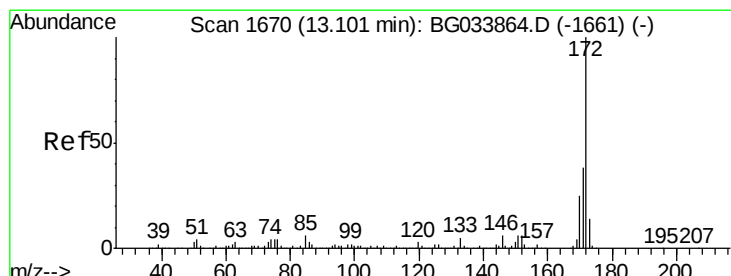
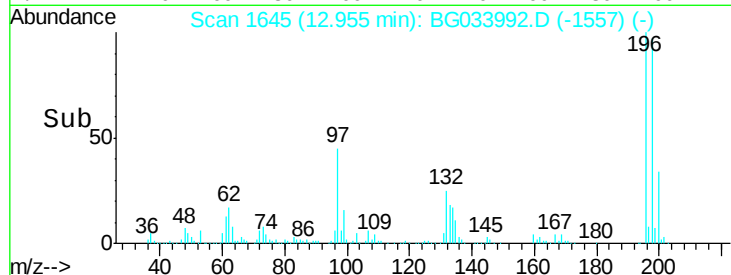
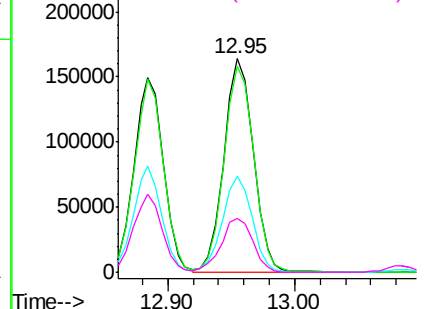
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 91.126 ng
 RT: 13.08 min Scan# 1667
 Delta R.T. -0.02 min
 Lab File: BG033992.D
 Acq: 25 Apr 2018 18:30

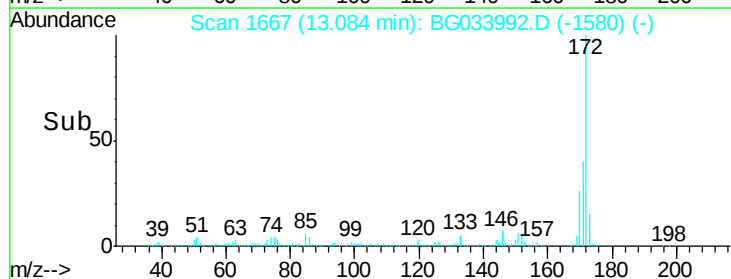
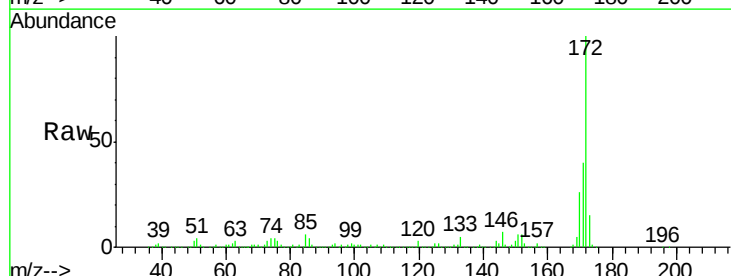
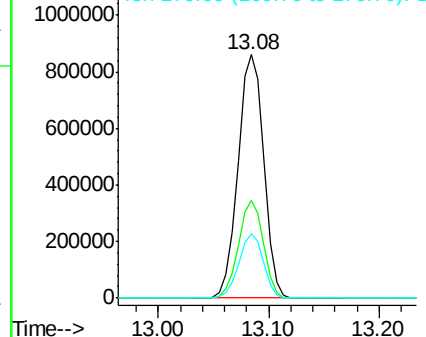
Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.0	30.0	45.0
170	26.5	19.5	29.3

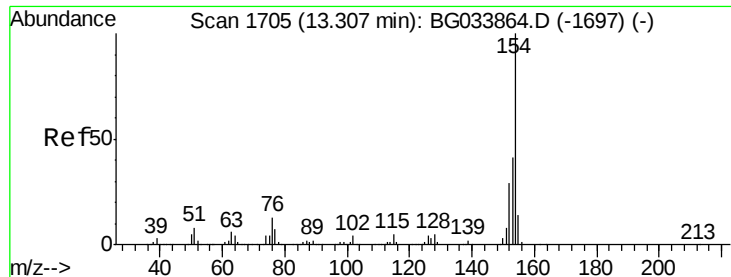
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





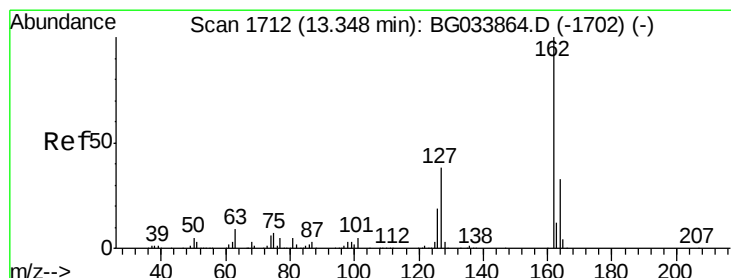
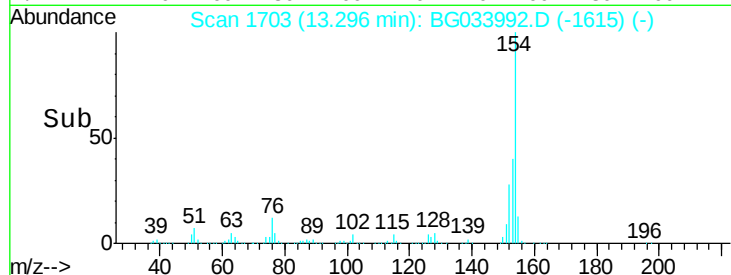
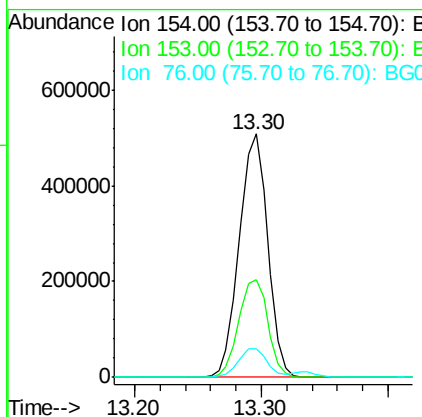
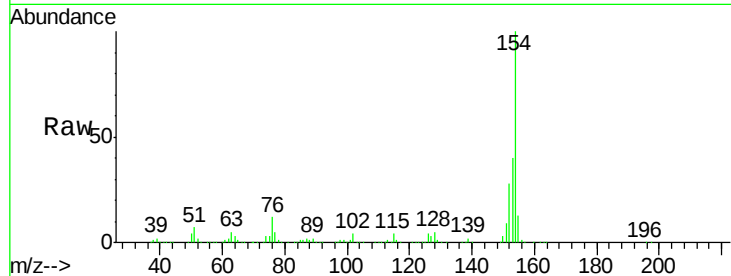
#45
 1,1'-Biphenyl
 Concen: 43.081 ng
 RT: 13.30 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG033992.D
 Acq: 25 Apr 2018 18:30

Instrument :
 BNA_G
 ClientSampleId :
 TP-4-11MSD

Tot Ion	Ratio	Resp	Lower	Upper
154	100	788790		
153	40.0	19.8	59.8	
76	11.9	0.0	31.9	

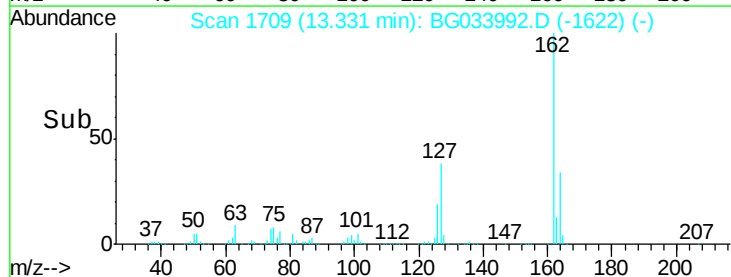
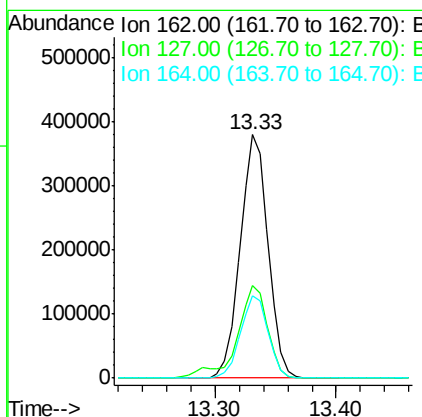
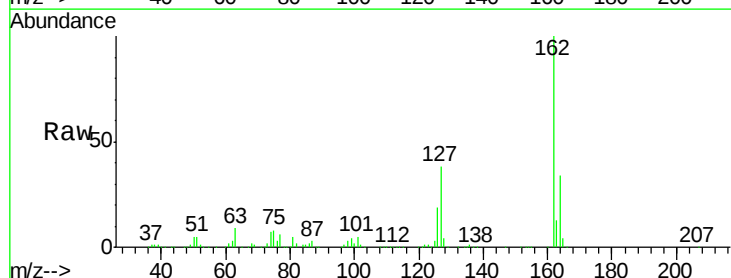
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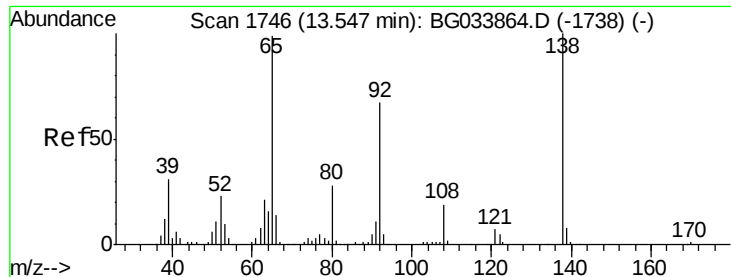
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#46
 2-Chloronaphthalene
 Concen: 43.831 ng
 RT: 13.33 min Scan# 1709
 Delta R.T. -0.02 min
 Lab File: BG033992.D
 Acq: 25 Apr 2018 18:30

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	608498		
127	38.2	30.7	46.1	
164	33.8	26.0	39.0	





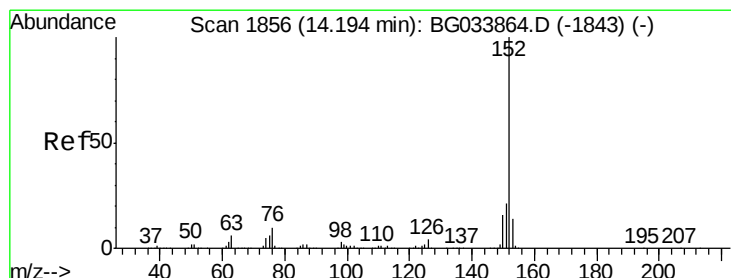
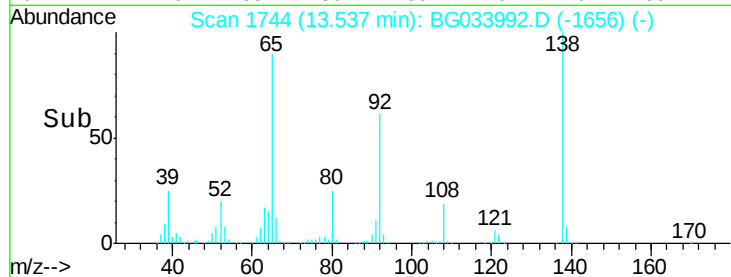
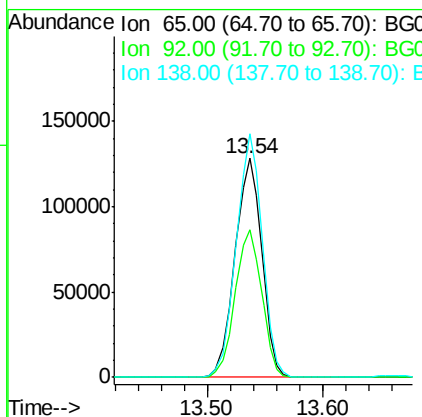
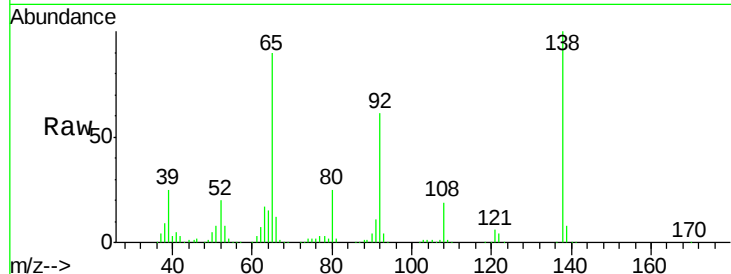
#47
2-Nitroaniline
Concen: 47.585 ng
RT: 13.54 min Scan# 1744
Delta R.T. -0.01 min
Lab File: BG033992.D
Acq: 25 Apr 2018 18:30

Instrument :
BNA_G
ClientSampleId :
TP-4-11MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	67.7	54.6	82.0
138	111.2	72.9	109.3

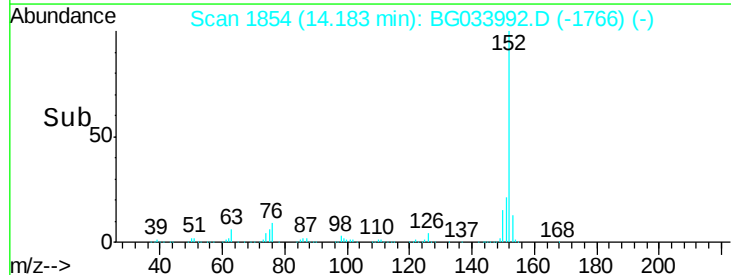
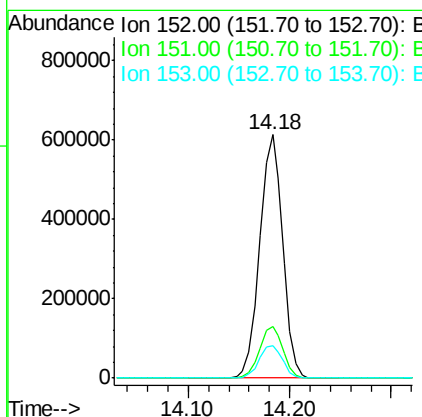
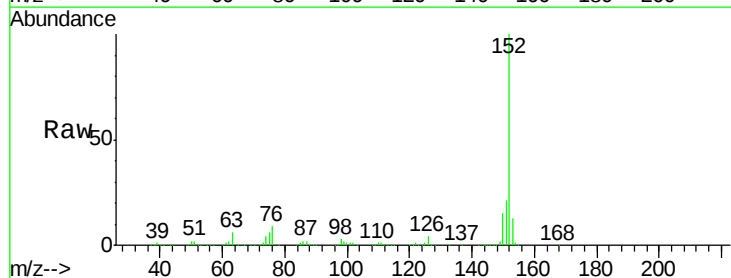
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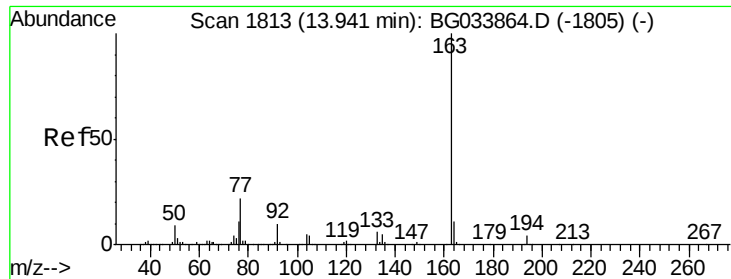
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#48
Acenaphthylene
Concen: 41.927 ng
RT: 14.18 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BG033992.D
Acq: 25 Apr 2018 18:30

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.2	17.2	25.8
153	13.2	10.2	15.4





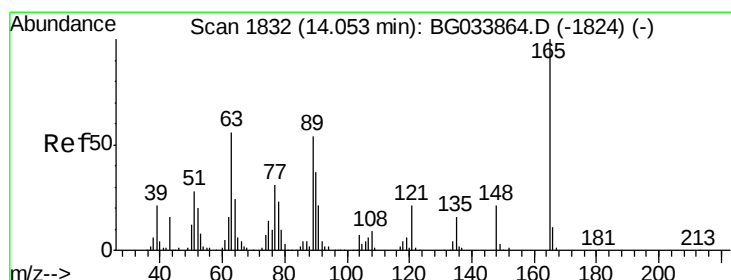
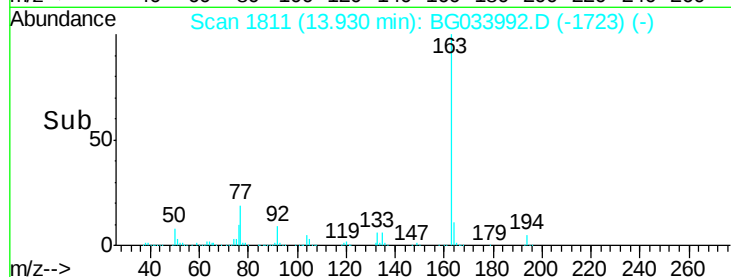
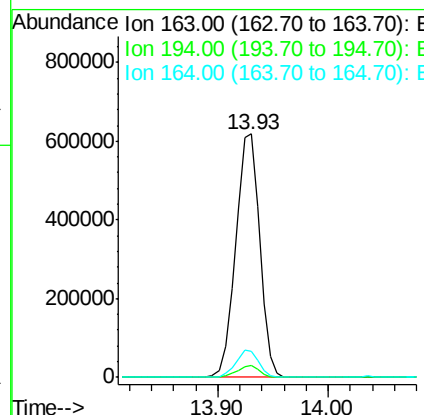
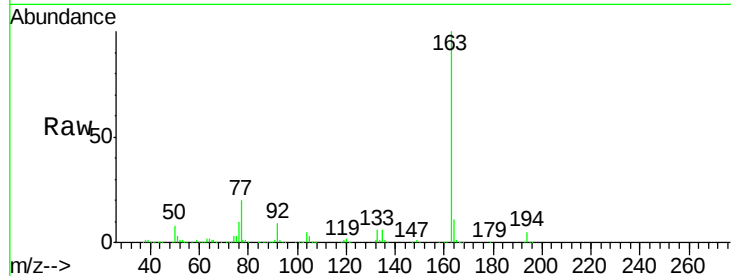
#49
Dimethylphthalate
Concen: 47.428 ng
RT: 13.93 min Scan# 1811
Delta R.T. -0.01 min
Lab File: BG033992.D
Acq: 25 Apr 2018 18:30

Instrument :
BNA_G
ClientSampleId :
TP-4-11MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	943633		
194	4.9	3.4	5.2	
164	10.8	8.2	12.4	

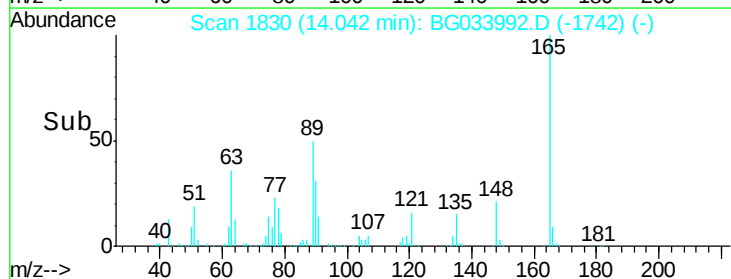
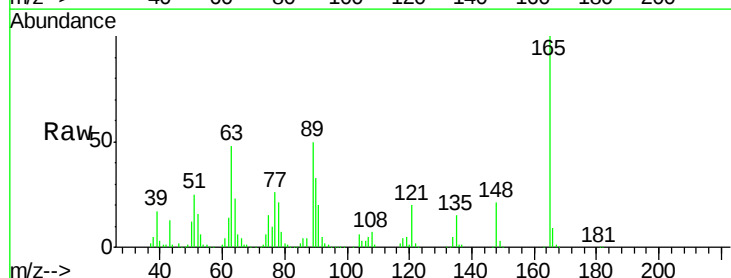
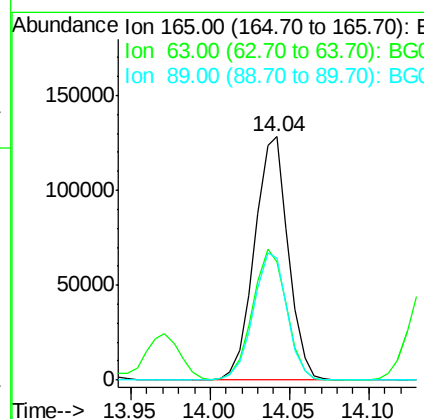
Manual Integrations
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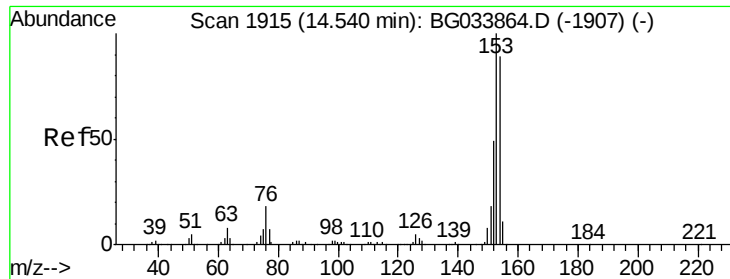
Sohil
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#50
2,6-Dinitrotoluene
Concen: 50.218 ng
RT: 14.04 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BG033992.D
Acq: 25 Apr 2018 18:30

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	189348		
63	48.3	52.7	79.1#	
89	50.2	49.2	73.8	





#51

Acenaphthene

Concen: 41.174 ng

RT: 14.53 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BG033992.D

Acq: 25 Apr 2018 18:30

Instrument :

BNA_G

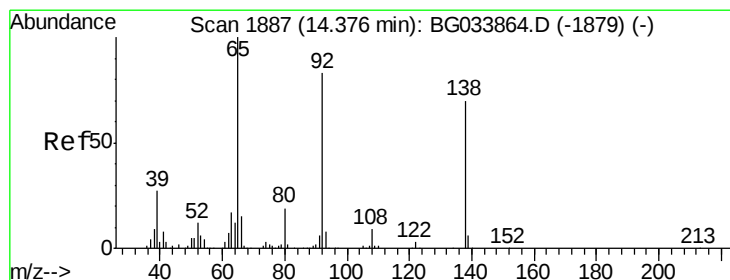
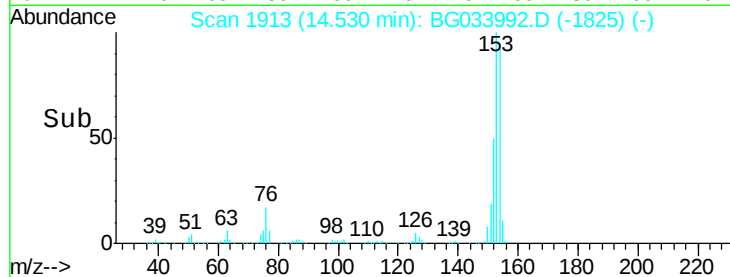
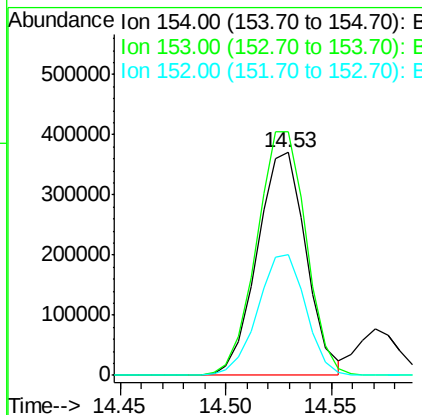
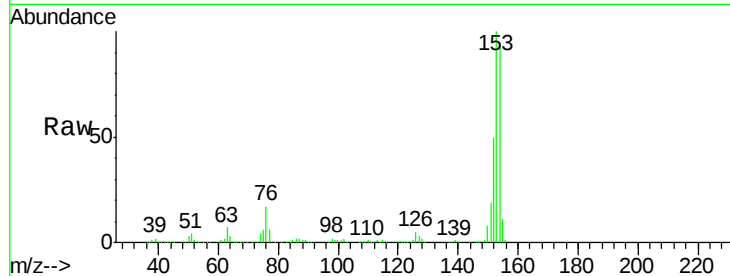
ClientSampled :

TP-4-11MSD

Tot Ion:	154	Resp:	596892
Ion Ratio	Lower	Upper	
154	100		
153	109.3	90.4	135.6
152	54.4	41.6	62.4

Manual Integrations
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#52

3-Nitroaniline

Concen: 35.302 ng

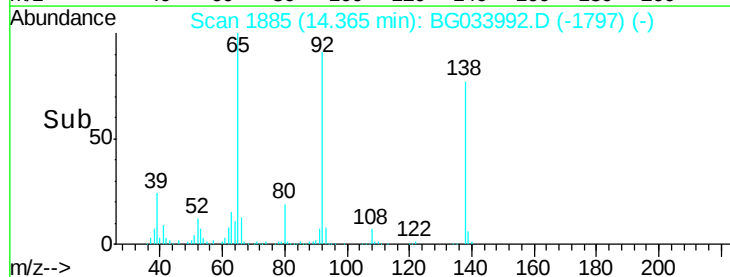
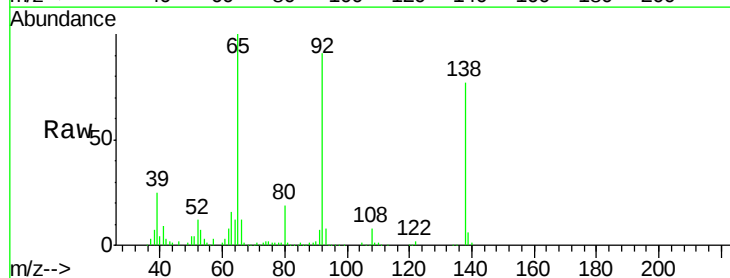
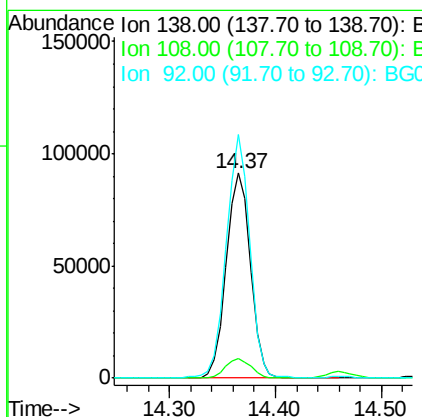
RT: 14.37 min Scan# 1885

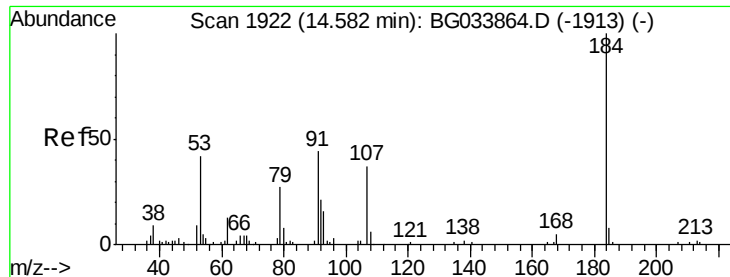
Delta R.T. -0.01 min

Lab File: BG033992.D

Acq: 25 Apr 2018 18:30

Tgt Ion:	138	Resp:	144532
Ion Ratio	Lower	Upper	
138	100		
108	9.9	17.5	26.3#
92	119.0	105.8	158.8





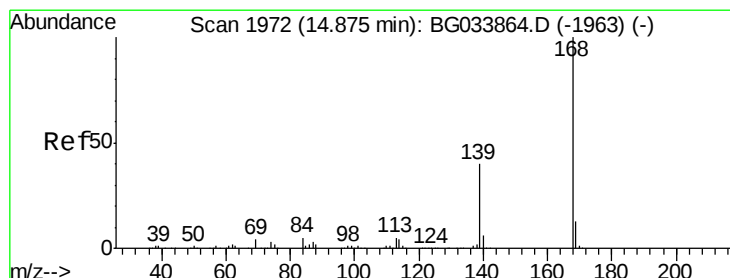
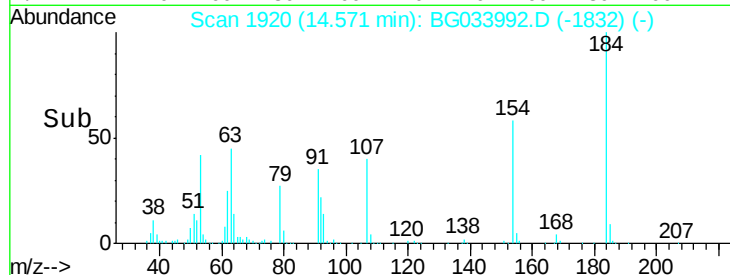
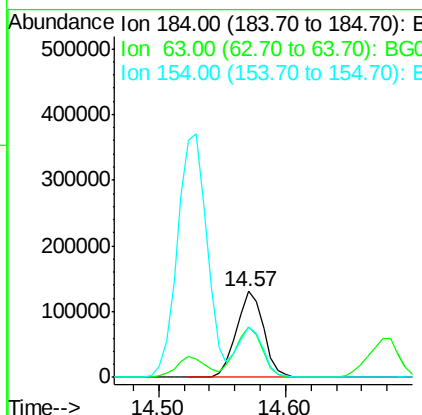
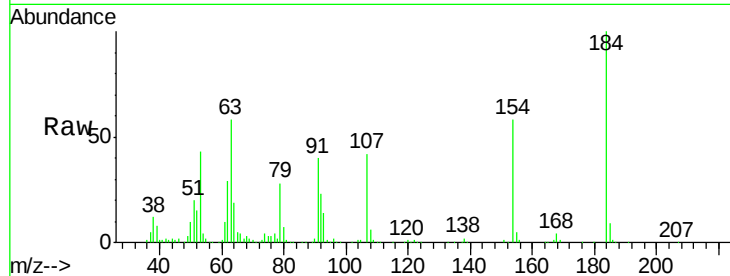
#53
 2,4-Dinitrophenol
 Concen: 144.813 ng
 RT: 14.57 min Scan# 1920
 Delta R.T. -0.01 min
 Lab File: BG033992.D
 Acq: 25 Apr 2018 18:30

Instrument :
 BNA_G
 ClientSampled :
 TP-4-11MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	57.9	59.8	89.8#
154	58.4	101.8	152.8#

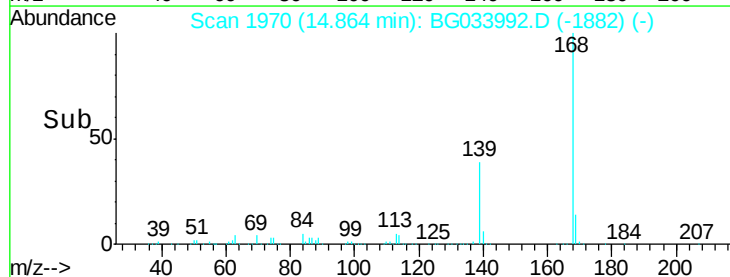
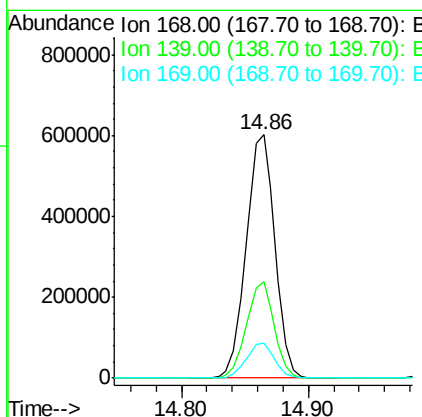
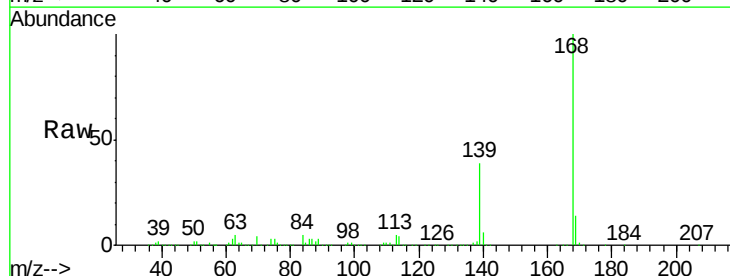
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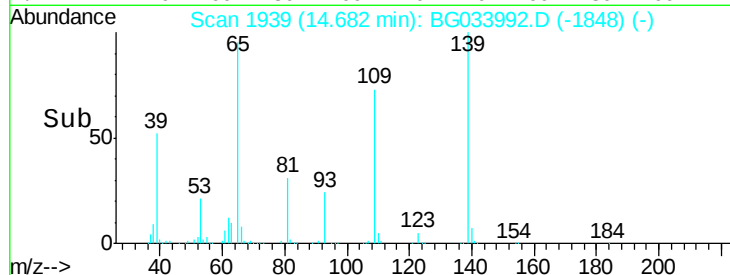
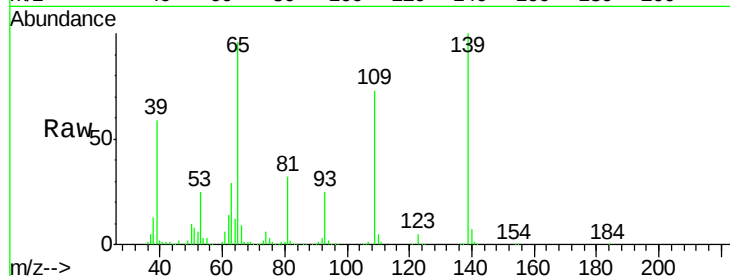
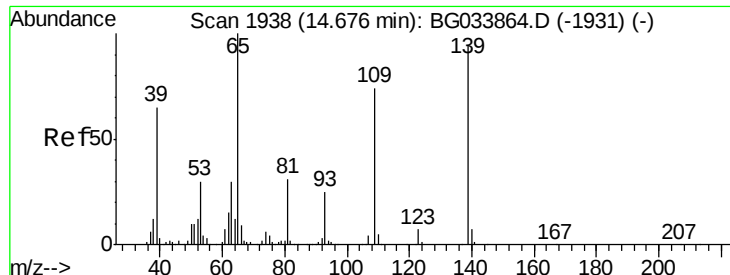
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#54
 Dibenzofuran
 Concen: 43.966 ng
 RT: 14.86 min Scan# 1970
 Delta R.T. -0.01 min
 Lab File: BG033992.D
 Acq: 25 Apr 2018 18:30

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.4	28.6	43.0
169	14.3	11.2	16.8





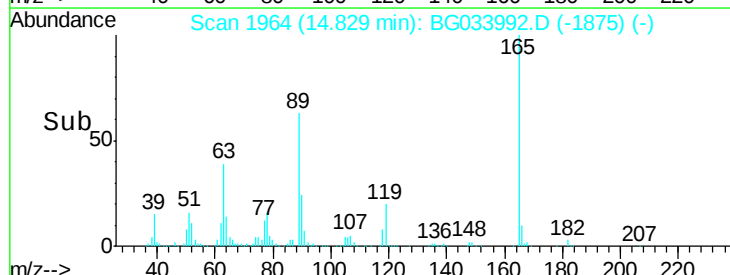
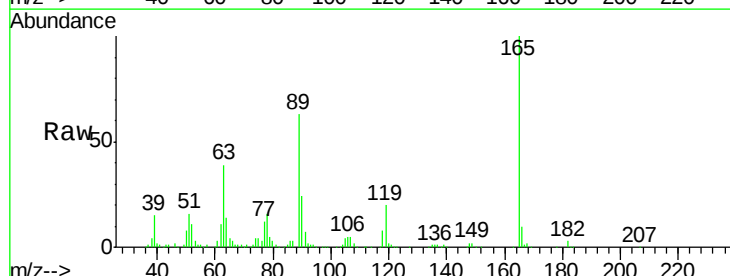
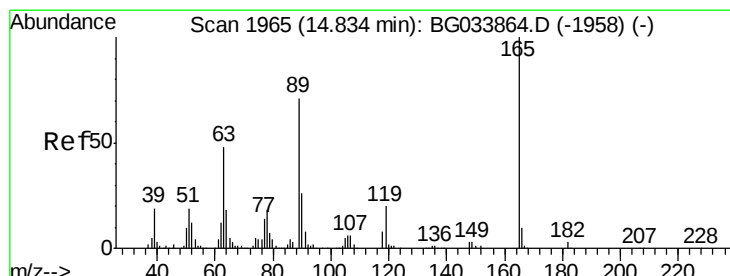
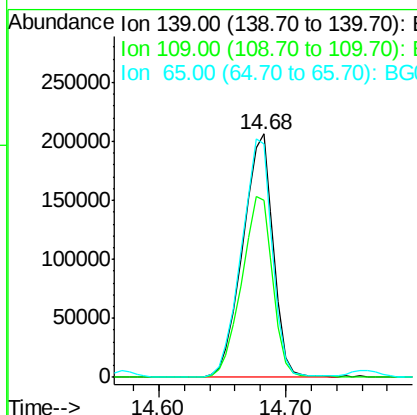
#55
4-Nitrophenol
Concen: 107.436 ng
RT: 14.68 min Scan# 1939
Delta R.T. 0.01 min
Lab File: BG033992.D
Acq: 25 Apr 2018 18:30

Tot Ion	Ratio	Resp	Lower	Upper
139	100	344978		
109	73.0	62.2	102.2	
65	95.8	97.2	137.2	

Instrument :
BNA_G
ClientSampled :
TP-4-11MSD

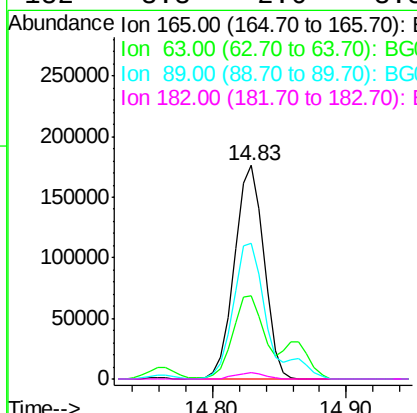
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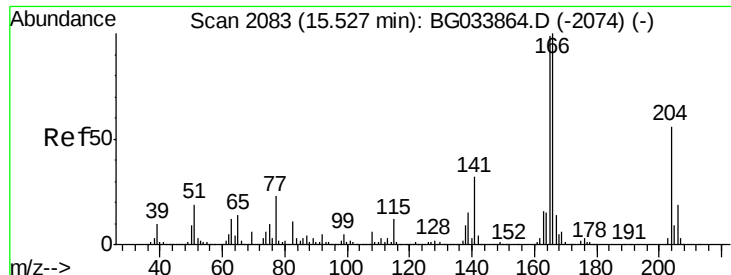
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#56
2,4-Dinitrotoluene
Concen: 53.722 ng
RT: 14.83 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BG033992.D
Acq: 25 Apr 2018 18:30

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	269356		
63	39.0	42.0	63.0	
89	63.4	66.9	100.3	
182	3.3	2.6	3.8	





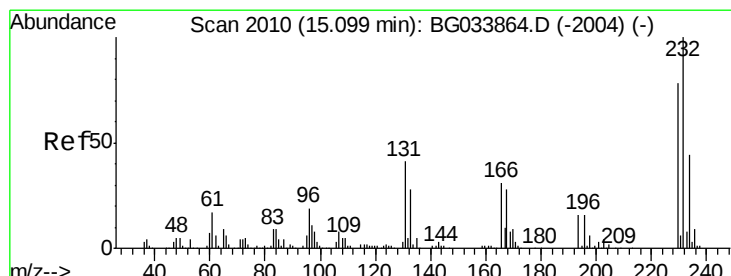
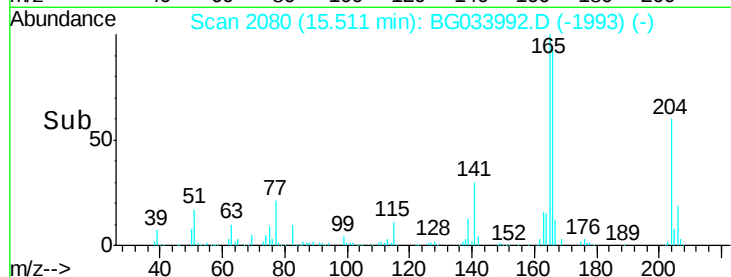
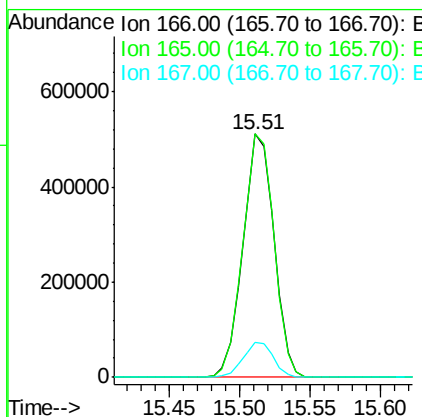
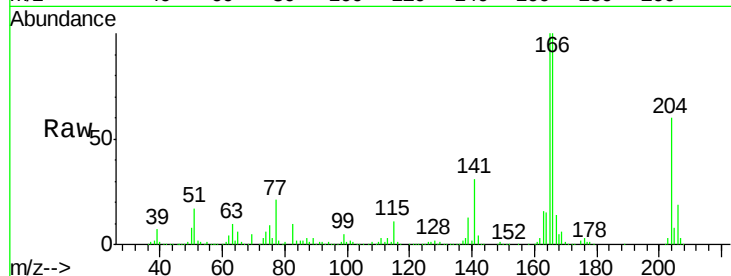
#57
 Fluorene
 Concen: 42.339 ng
 RT: 15.51 min Scan# 2080
 Delta R.T. -0.02 min
 Lab File: BG033992.D
 Acq: 25 Apr 2018 18:30

Instrument :
 BNA_G
 ClientSampleId :
 TP-4-11MSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100	787440		
165	100.0	80.6	121.0	
167	14.2	10.4	15.6	

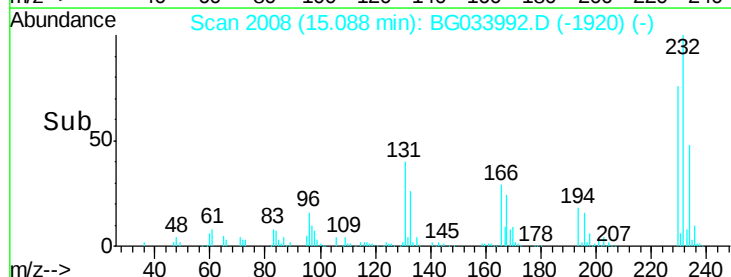
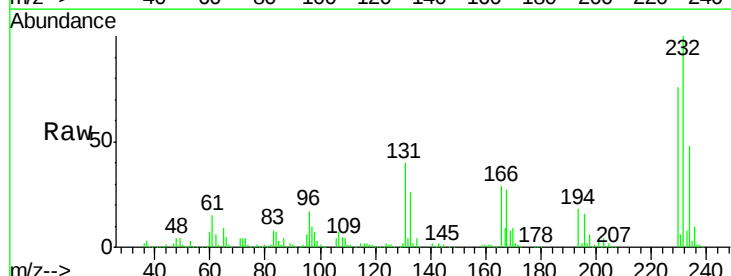
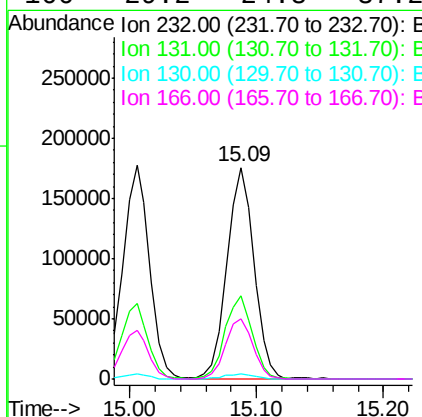
Manual Integrations
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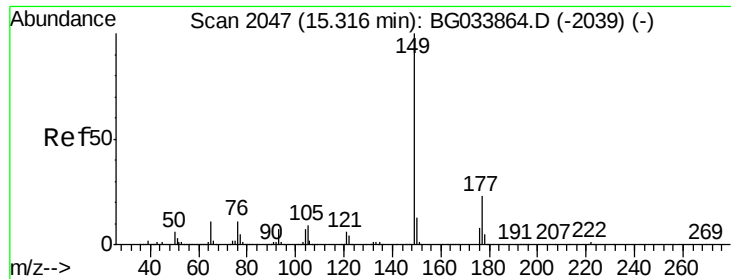
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 53.705 ng
 RT: 15.09 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BG033992.D
 Acq: 25 Apr 2018 18:30

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	258873		
131	39.8	33.5	50.3	
130	2.6	2.2	3.2	
166	29.2	24.8	37.2	





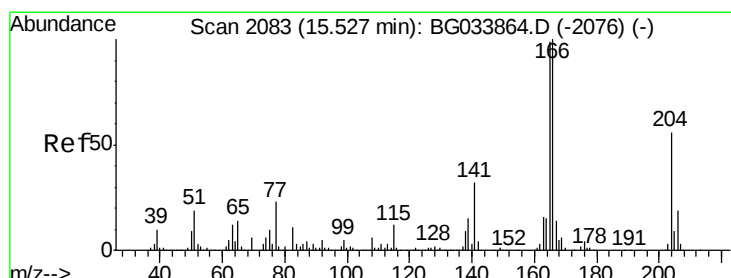
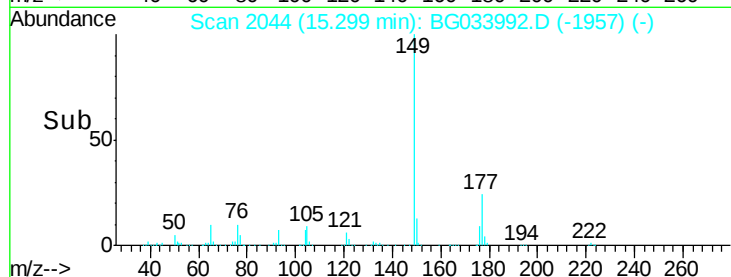
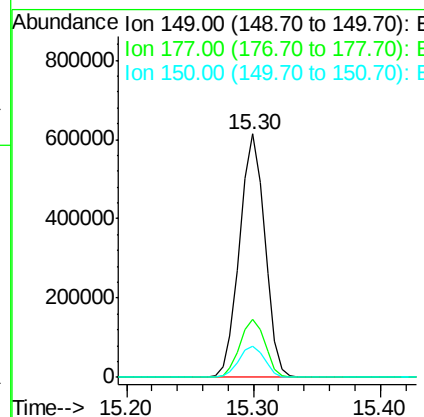
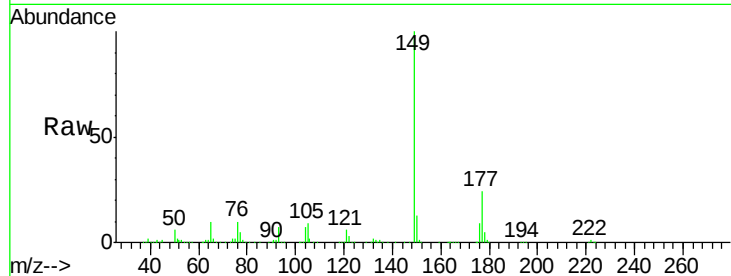
#59
Diethylphthalate
Concen: 40.197 ng
RT: 15.30 min Scan# 2044
Delta R.T. -0.02 min
Lab File: BG033992.D
Acq: 25 Apr 2018 18:30

Instrument :
BNA_G
ClientSampleId :
TP-4-11MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	845352		
177	24.0	18.5	27.7	
150	13.0	10.2	15.2	

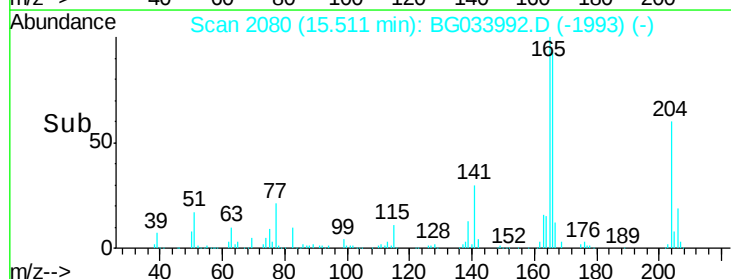
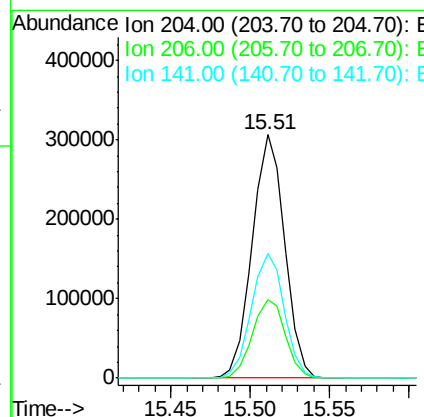
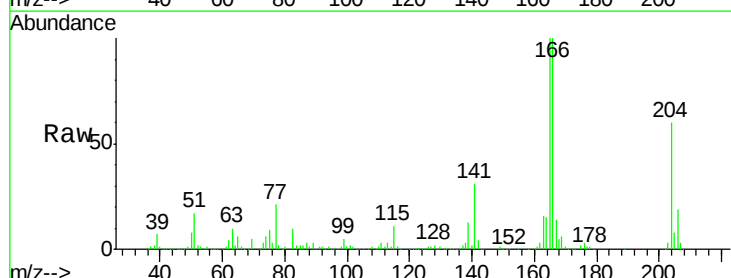
Manual Integrations
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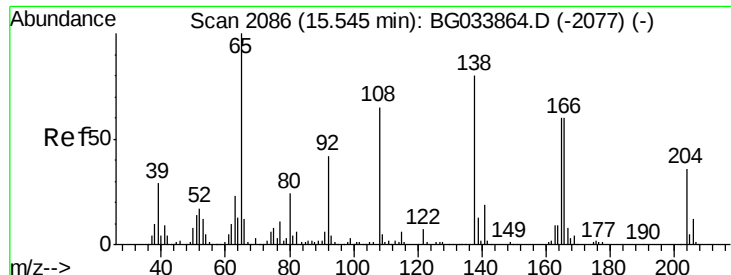
Sohil
4/26/2018 6:16:38 PM



#60
4-Chlorophenyl-phenylether
Concen: 44.738 ng
RT: 15.51 min Scan# 2080
Delta R.T. -0.02 min
Lab File: BG033992.D
Acq: 25 Apr 2018 18:30

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	435197		
206	32.4	26.2	39.2	
141	51.3	45.8	68.6	





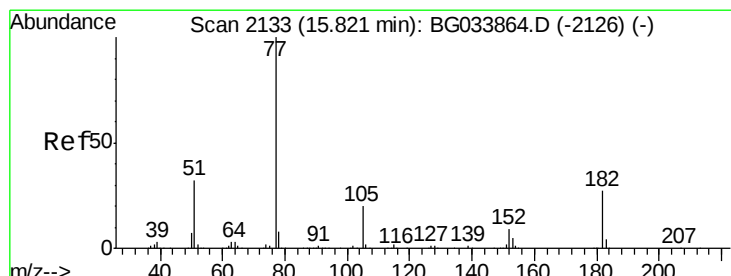
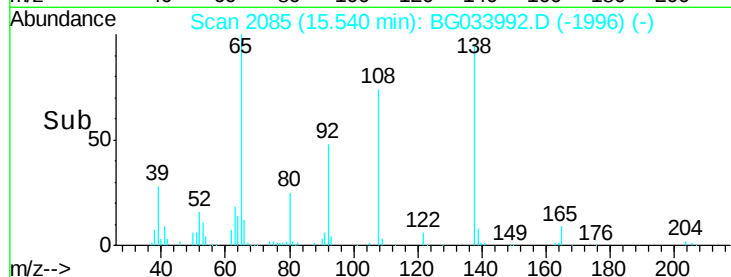
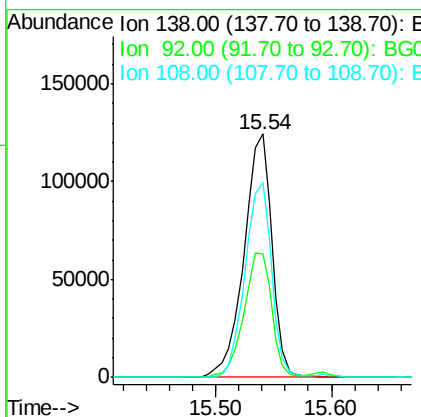
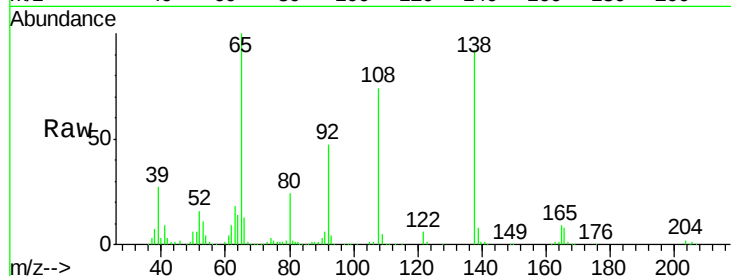
#61
4-Nitroaniline
Concen: 48.141 ng
RT: 15.54 min Scan# 2085
Delta R.T. -0.01 min
Lab File: BG033992.D
Acq: 25 Apr 2018 18:30

Instrument :
BNA_G
ClientSampleId :
TP-4-11MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	50.6	40.1	80.1
108	80.0	65.4	105.4

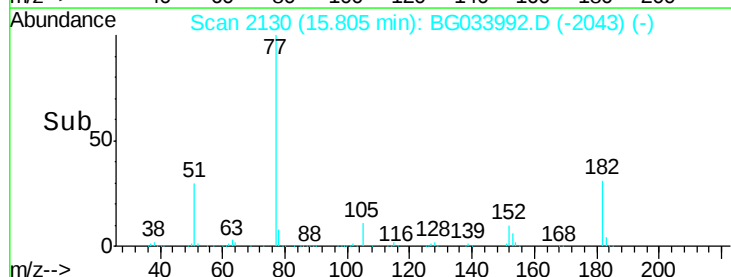
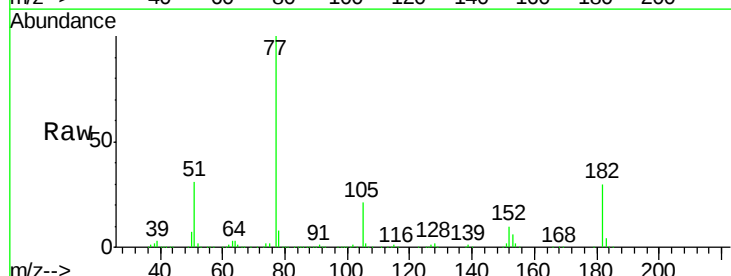
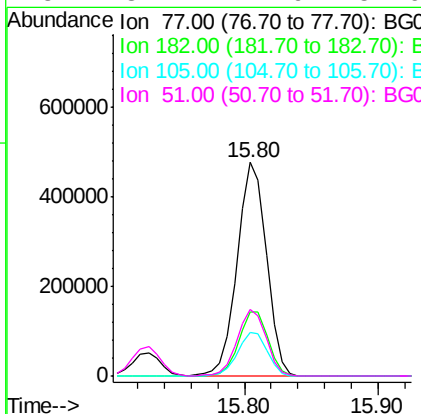
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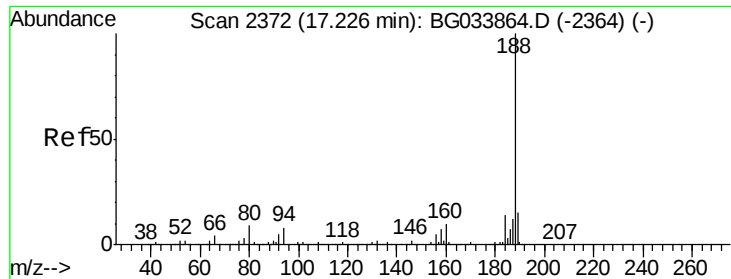
Sohil
4/26/2018 6:16:38 PM



#62
Azobenzene
Concen: 38.617 ng
RT: 15.80 min Scan# 2130
Delta R.T. -0.02 min
Lab File: BG033992.D
Acq: 25 Apr 2018 18:30

Tgt Ion	Ratio	Lower	Upper
77	100		
182	29.8	7.4	47.4
105	20.6	0.3	40.3
51	31.4	11.6	51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.21 min Scan# 2370

Delta R.T. -0.01 min

Lab File: BG033992.D

Acq: 25 Apr 2018 18:30

Instrument :

BNA_G

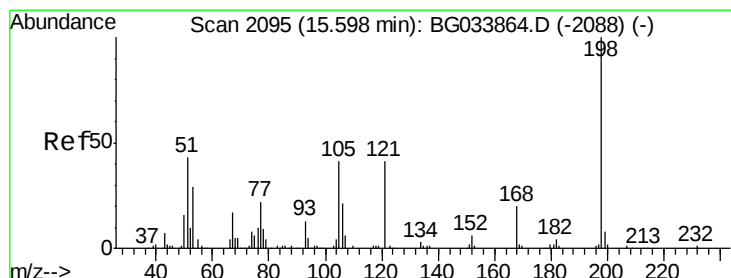
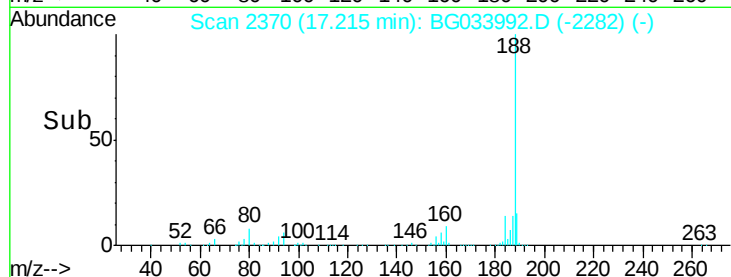
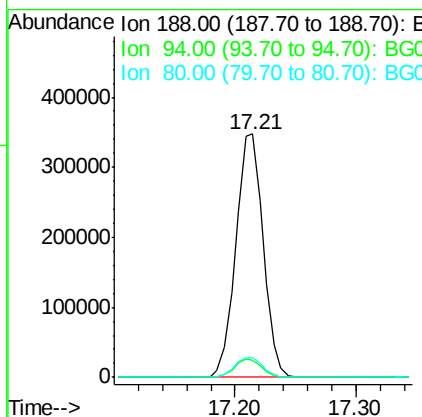
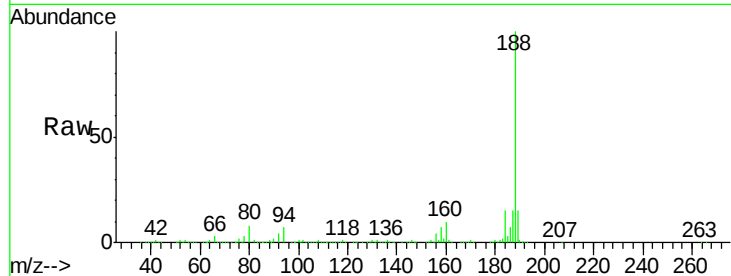
ClientSampleId :

TP-4-11MSD

Tot Ion:	188	Resp:	548067
Ion Ratio	Lower	Upper	
188	100		
94	7.1	6.9	10.3
80	8.3	7.7	11.5

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#64

4,6-Dinitro-2-methylphenol

Concen: 53.686 ng

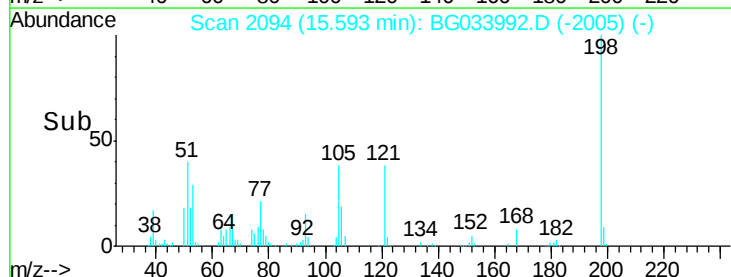
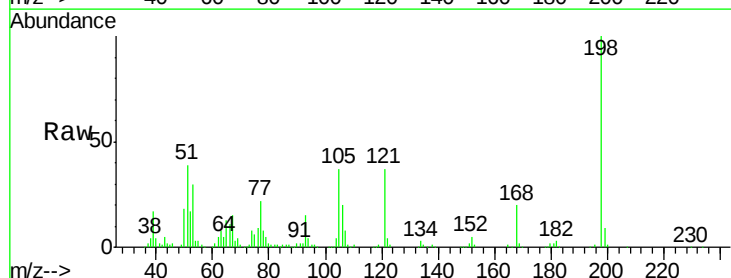
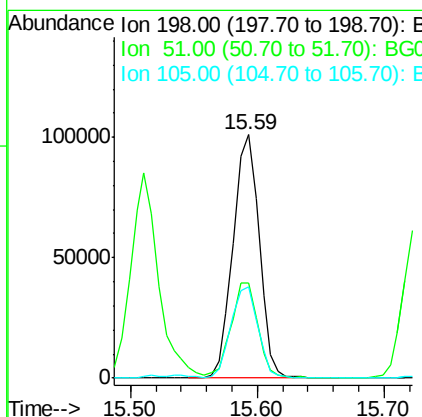
RT: 15.59 min Scan# 2094

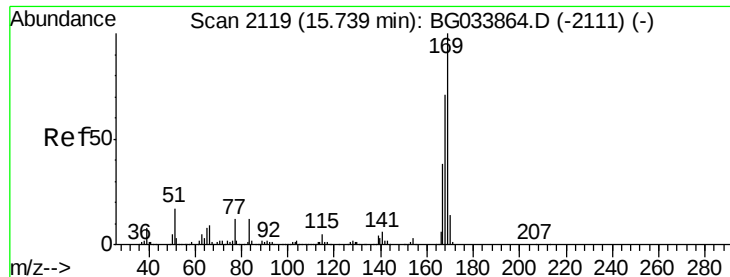
Delta R.T. -0.01 min

Lab File: BG033992.D

Acq: 25 Apr 2018 18:30

Tgt Ion:	198	Resp:	144029
Ion Ratio	Lower	Upper	
198	100		
51	39.0	30.6	70.6
105	37.2	23.8	63.8





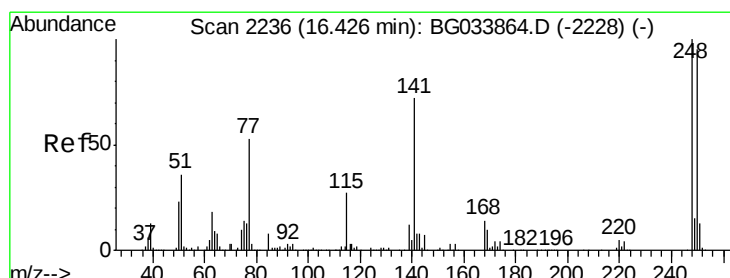
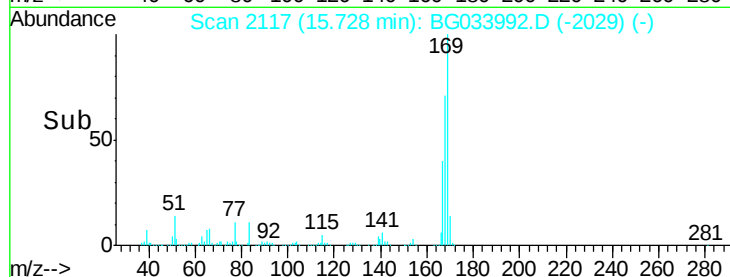
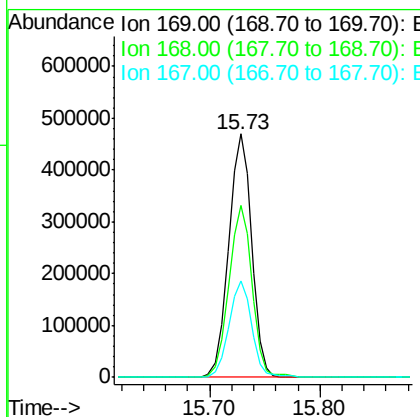
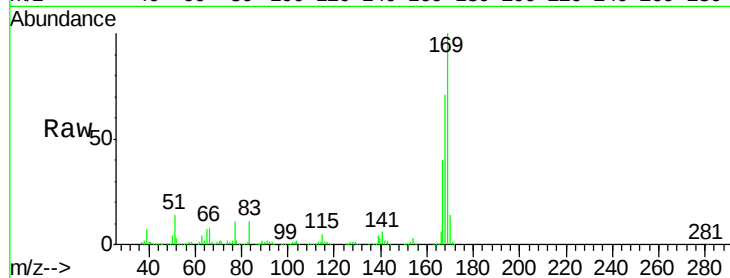
#65
 n-Nitrosodiphenylamine
 Concen: 42.848 ng
 RT: 15.73 min Scan# 2117
 Delta R.T. -0.01 min
 Lab File: BG033992.D
 Acq: 25 Apr 2018 18:30

Instrument :
 BNA_G
 ClientSampleId :
 TP-4-11MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	682742		
168	70.7		55.7	83.5
167	39.6		30.1	45.1

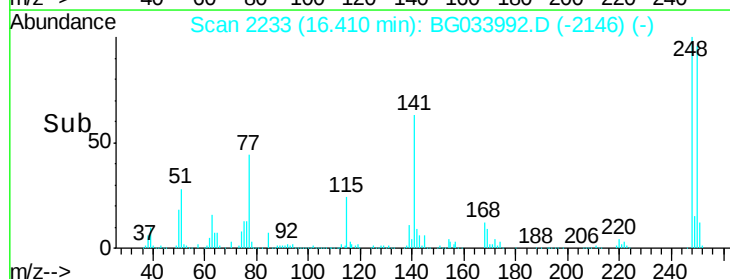
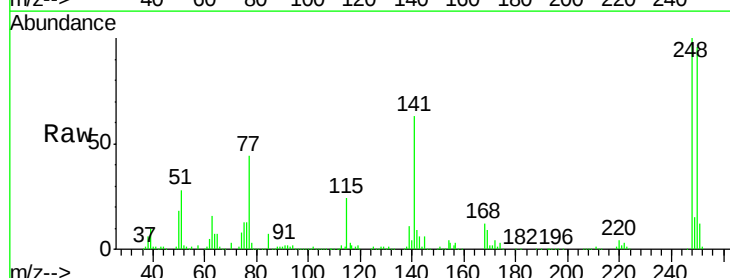
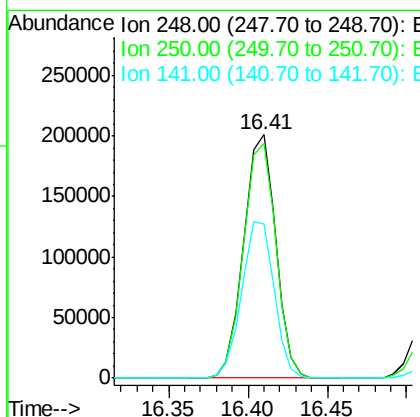
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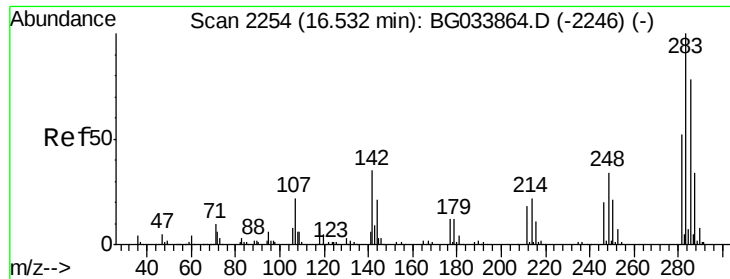
Sohil
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#66
 4-Bromophenyl-phenylether
 Concen: 47.030 ng
 RT: 16.41 min Scan# 2233
 Delta R.T. -0.02 min
 Lab File: BG033992.D
 Acq: 25 Apr 2018 18:30

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	283070		
250	96.1		77.1	115.7
141	63.1		50.8	76.2





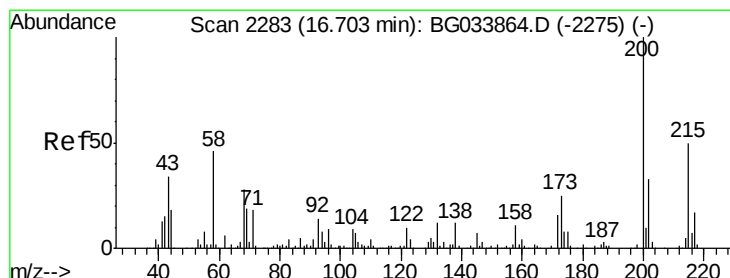
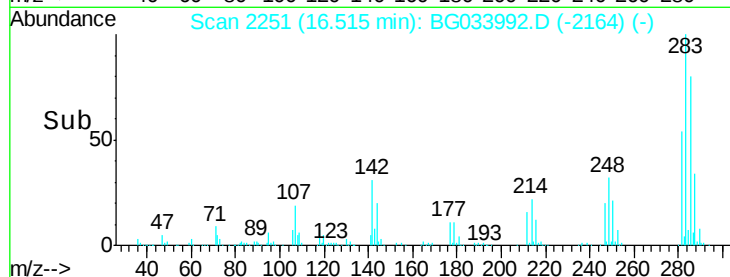
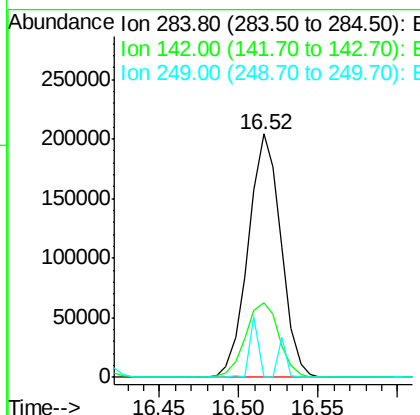
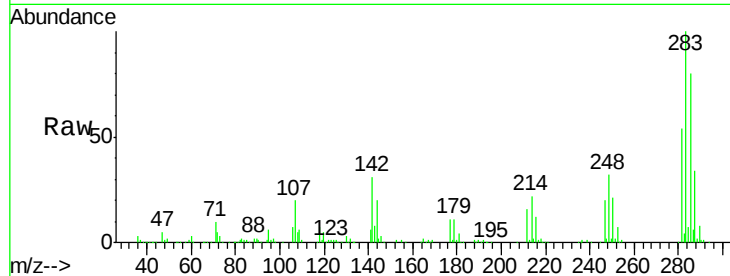
#67
Hexachlorobenzene
Concen: 45.578 ng
RT: 16.52 min Scan# 2251
Delta R.T. -0.02 min
Lab File: BG033992.D
Acq: 25 Apr 2018 18:30

Instrument :
BNA_G
ClientSampled :
TP-4-11MSD

Tot Ion	Ratio	Resp Lower	Upper
284	100		
142	30.8	26.8	40.2
249	2.3	26.3	39.5#

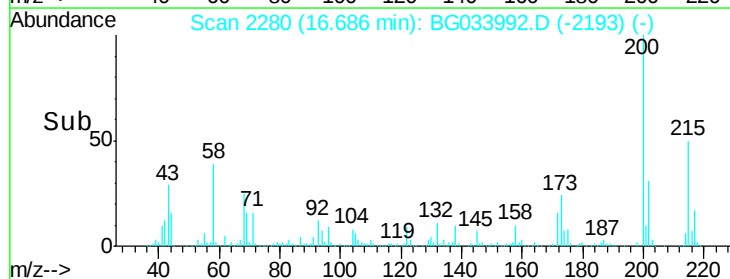
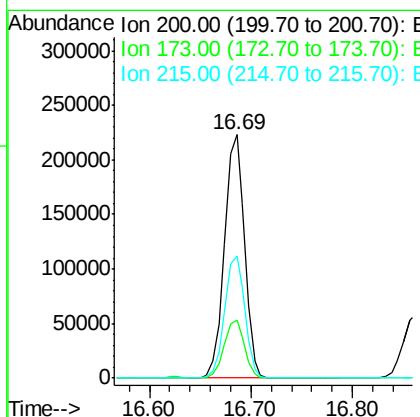
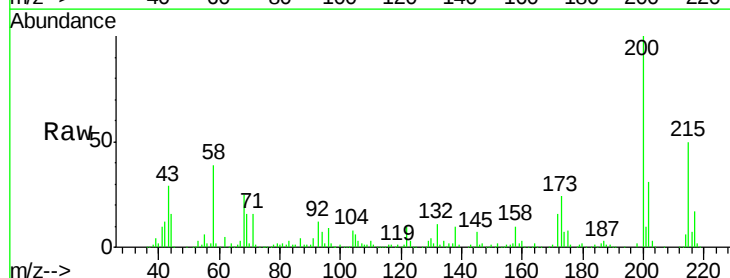
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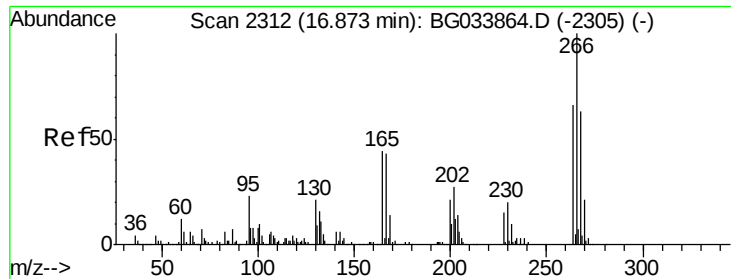
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#68
Atrazine
Concen: 48.939 ng
RT: 16.69 min Scan# 2280
Delta R.T. -0.02 min
Lab File: BG033992.D
Acq: 25 Apr 2018 18:30

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	23.9	5.2	45.2
215	50.1	30.4	70.4





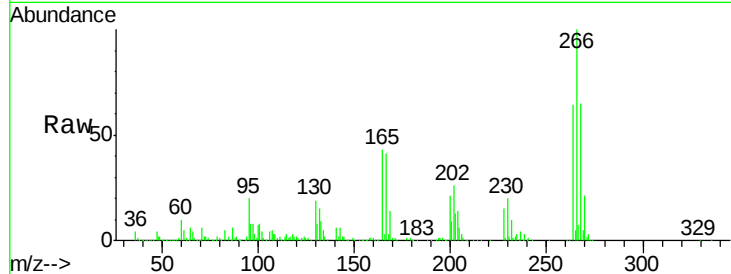
#69
 Pentachlorophenol
 Concen: 92.906 ng
 RT: 16.86 min Scan# 2310
 Delta R.T. -0.01 min
 Lab File: BG033992.D
 Acq: 25 Apr 2018 18:30

Instrument :
 BNA_G
 ClientSampleId :
 TP-4-11MSD

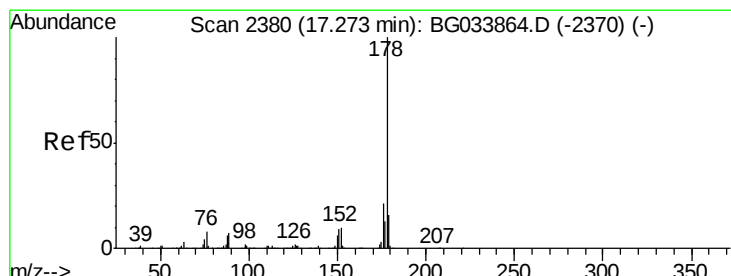
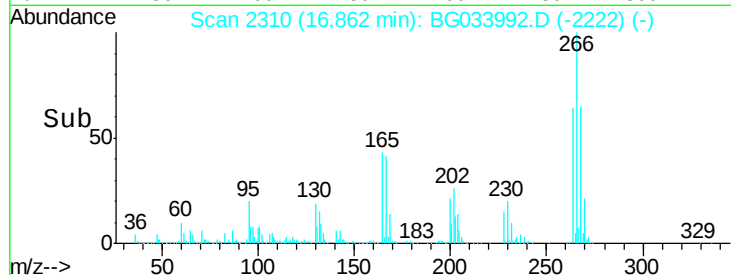
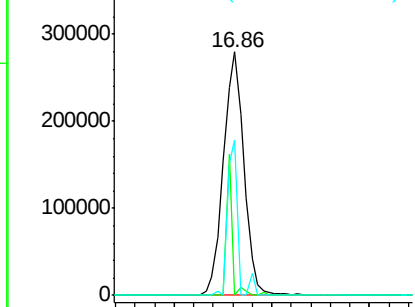
Tot Ion	Ratio	Resp	Lower	Upper
266	100	409633		
268	4.6	51.1	76.7#	
264	69.3	49.6	74.4	

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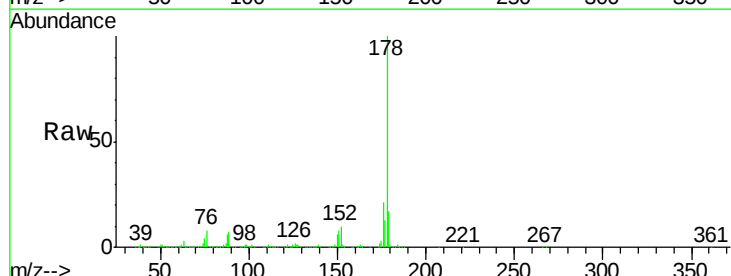


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

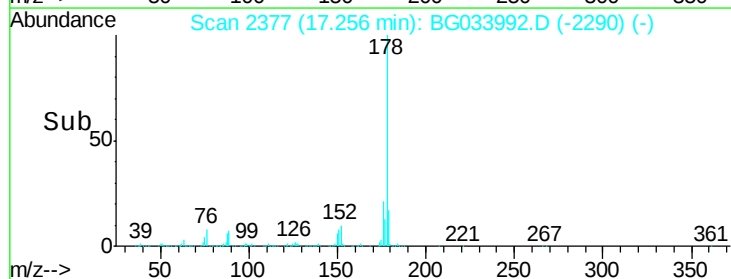
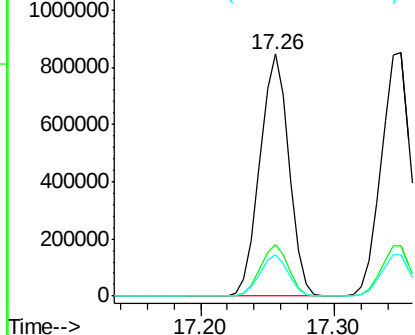


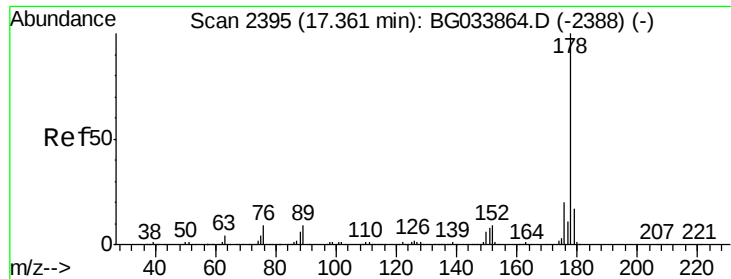
#70
 Phenanthrene
 Concen: 43.176 ng
 RT: 17.26 min Scan# 2377
 Delta R.T. -0.02 min
 Lab File: BG033992.D
 Acq: 25 Apr 2018 18:30

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1269457		
176	21.1	15.7	23.5	
179	16.9	12.5	18.7	



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





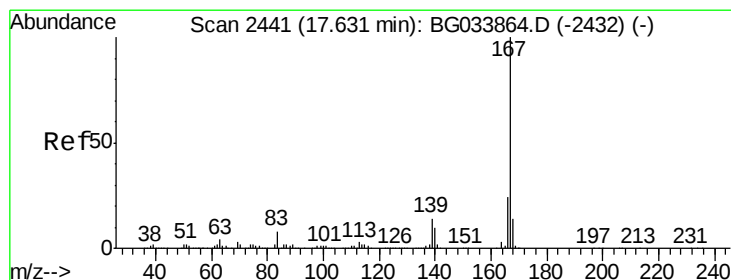
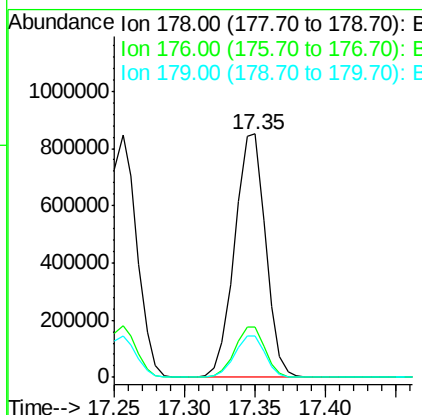
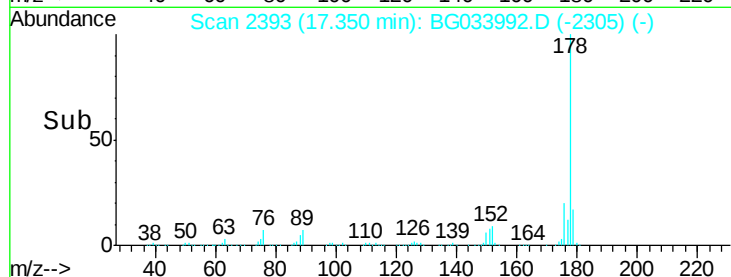
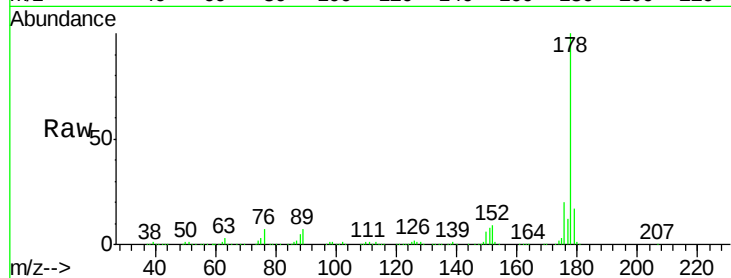
#71
 Anthracene
 Concen: 44.139 ng
 RT: 17.35 min Scan# 2393
 Delta R.T. -0.01 min
 Lab File: BG033992.D
 Acq: 25 Apr 2018 18:30

Instrument :
 BNA_G
 ClientSampleId :
 TP-4-11MSD

Tot Ion	Ion	Ratio	Lower	Upper
178	100			
176	20.4	16.0	24.0	
179	17.1	12.5	18.7	

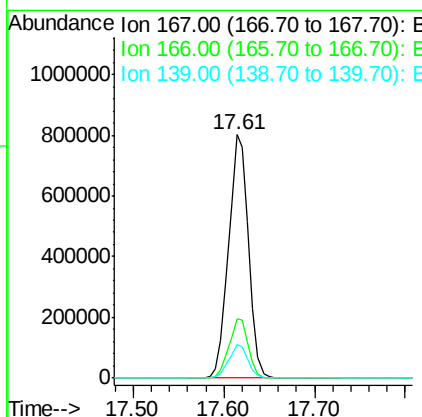
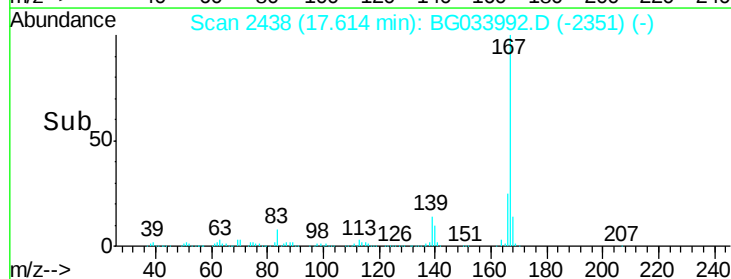
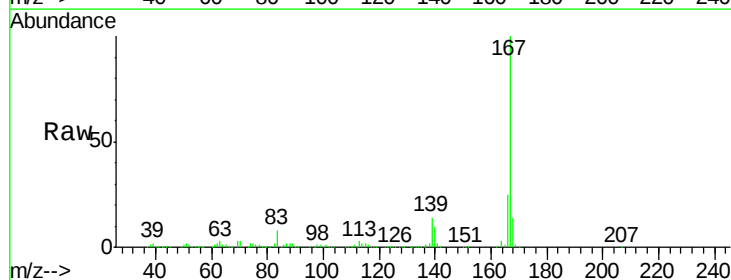
Manual Integrations
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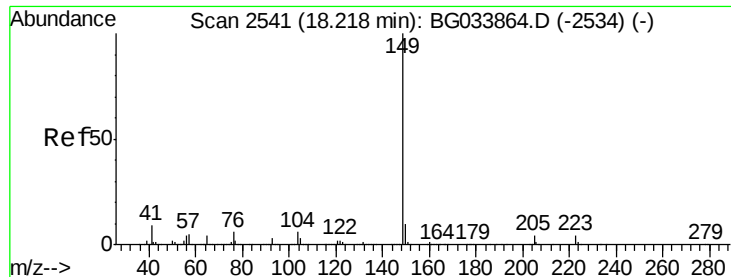
Sohil
 4/26/2018 6:16:38 PM



#72
 Carbazole
 Concen: 42.955 ng
 RT: 17.61 min Scan# 2438
 Delta R.T. -0.02 min
 Lab File: BG033992.D
 Acq: 25 Apr 2018 18:30

Tgt Ion	Ion	Ratio	Lower	Upper
167	100			
166	24.6	18.2	27.4	
139	13.7	9.4	14.2	





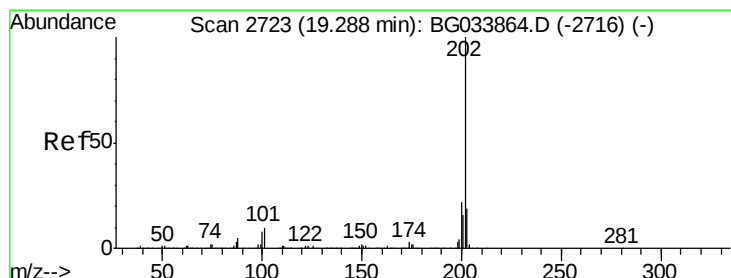
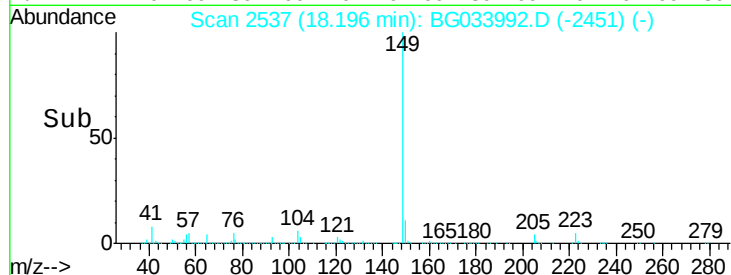
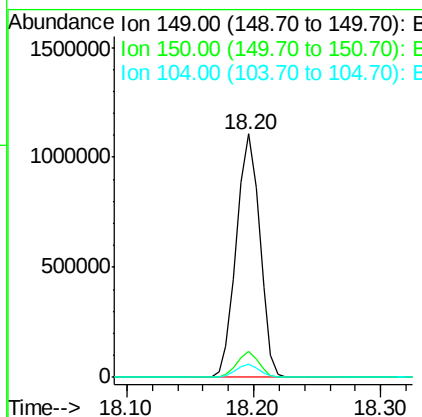
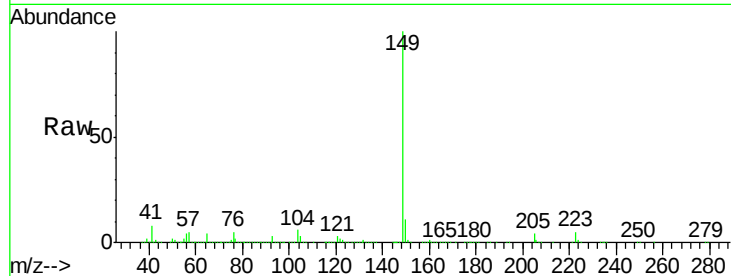
#73
Di-n-butylphthalate
Concen: 40.071 ng
RT: 18.20 min Scan# 2537
Delta R.T. -0.02 min
Lab File: BG033992.D
Acq: 25 Apr 2018 18:30

Instrument :
BNA_G
ClientSampled :
TP-4-11MSD

Tot Ion	Ratio	Lower	Upper
149	100		
150	10.5	7.8	11.6
104	5.6	3.9	5.9

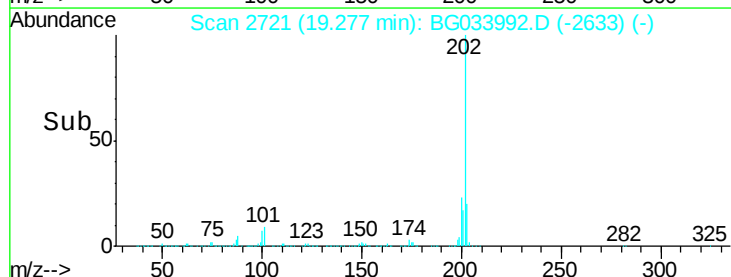
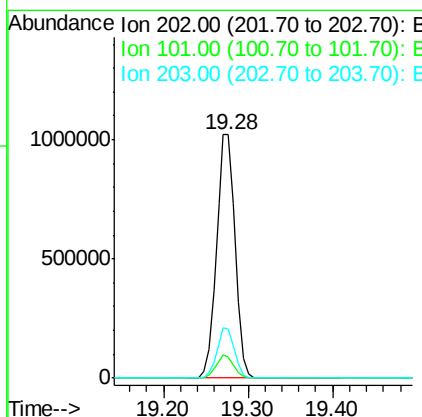
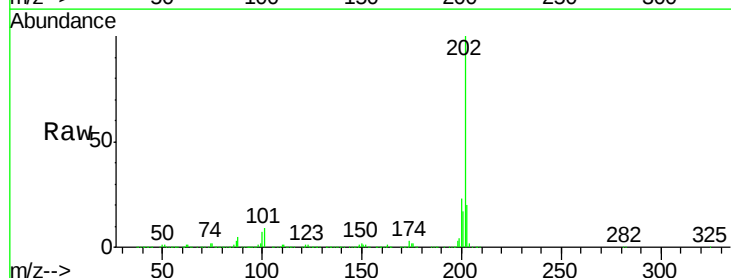
Manual Integrations
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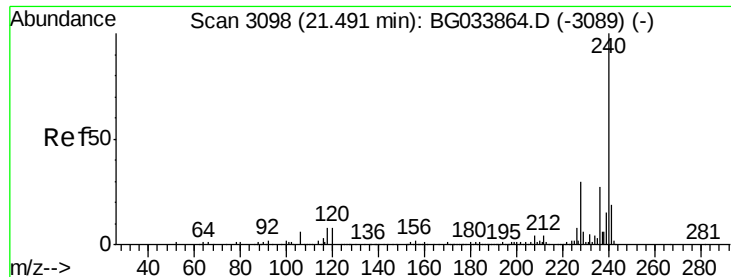
Sohil
4/26/2018 6:16:38 PM



#74
Fluoranthene
Concen: 44.132 ng
RT: 19.28 min Scan# 2721
Delta R.T. -0.01 min
Lab File: BG033992.D
Acq: 25 Apr 2018 18:30

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	28.9
203	20.0	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.47 min Scan# 3095

Delta R.T. -0.02 min

Lab File: BG033992.D

Acq: 25 Apr 2018 18:30

Instrument :

BNA_G

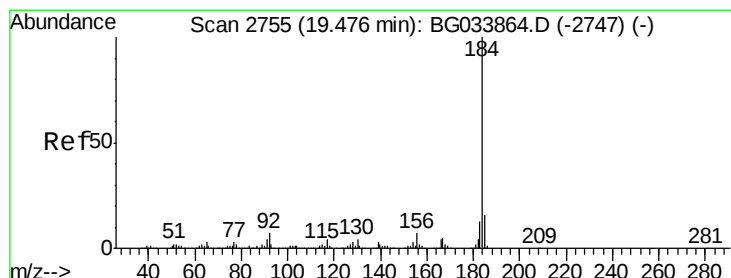
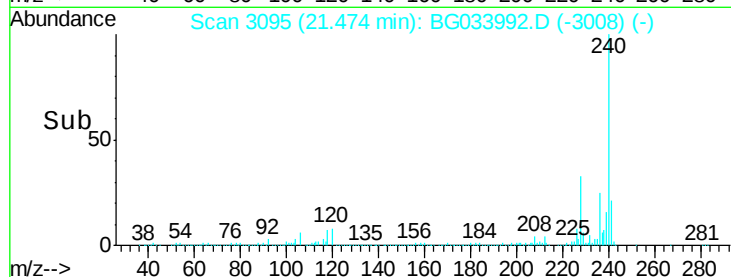
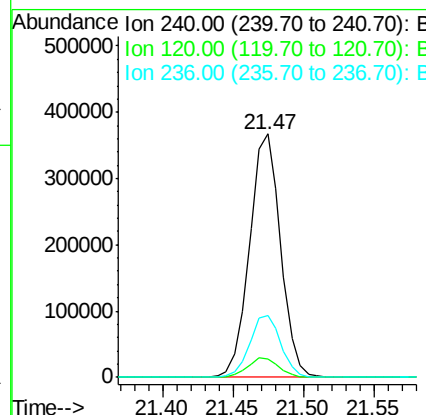
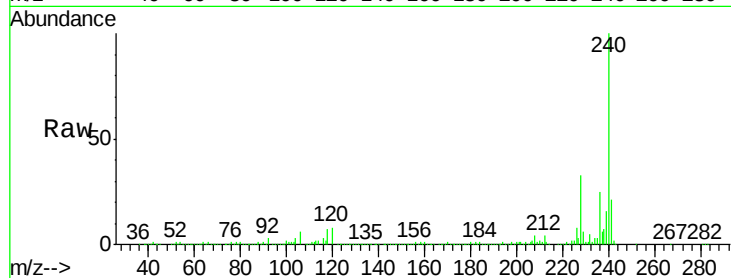
ClientSampleId :

TP-4-11MSD

Tot Ion:	240	Resp:	564960
Ion Ratio	Lower	Upper	
240	100		
120	7.6	6.8	10.2
236	25.5	20.9	31.3

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#76

Benzidine

Concen: 2.245 ng

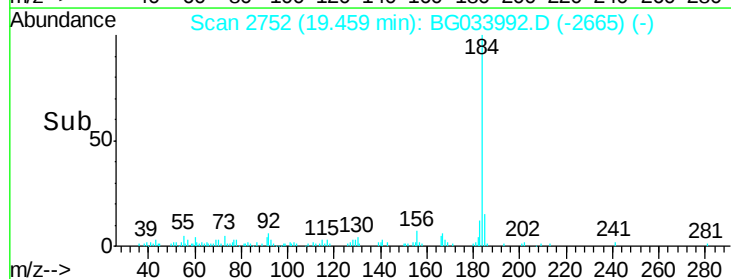
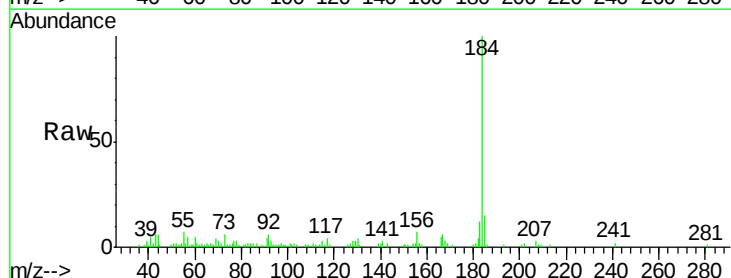
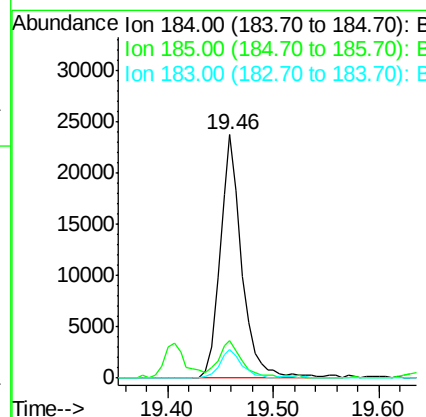
RT: 19.46 min Scan# 2752

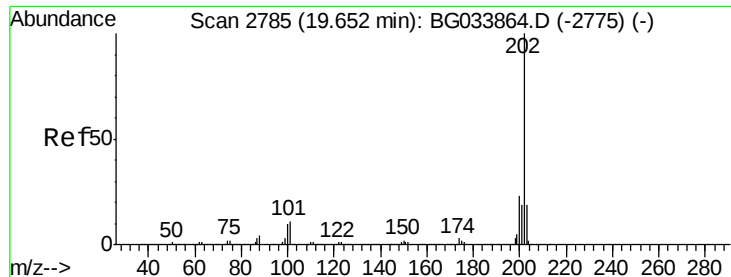
Delta R.T. -0.02 min

Lab File: BG033992.D

Acq: 25 Apr 2018 18:30

Tgt Ion:	184	Resp:	34247
Ion Ratio	Lower	Upper	
184	100		
185	15.3	11.1	16.7
183	11.9	10.6	16.0





#77

Pvrene

Concen: 42.005 ng

RT: 19.64 min Scan# 2782

Delta R.T. -0.02 min

Lab File: BG033992.D

Acq: 25 Apr 2018 18:30

Instrument :

BNA_G

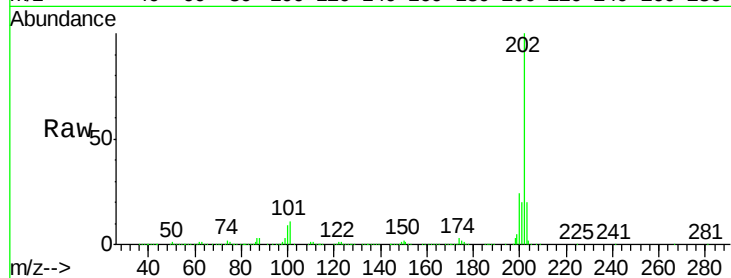
ClientSampled :

TP-4-11MSD

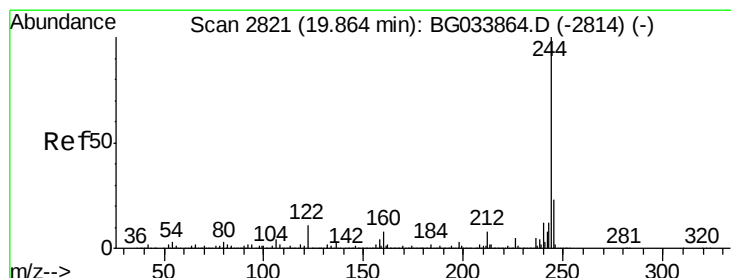
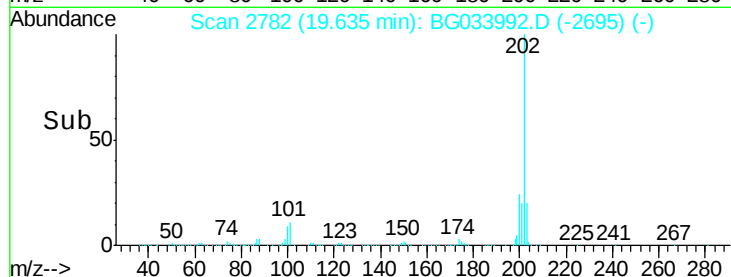
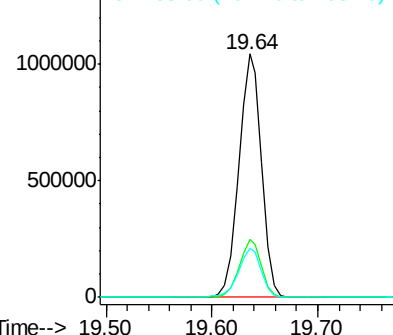
Tot Ion:	202	Resp:	1556513
Ion	Ratio	Lower	Upper
202	100		
200	23.7	16.9	25.3
203	20.2	13.9	20.9

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 85.165 ng

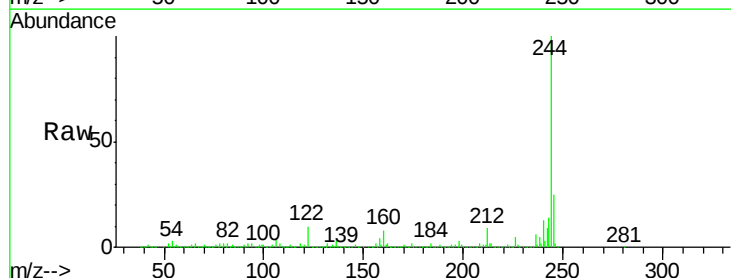
RT: 19.85 min Scan# 2818

Delta R.T. -0.02 min

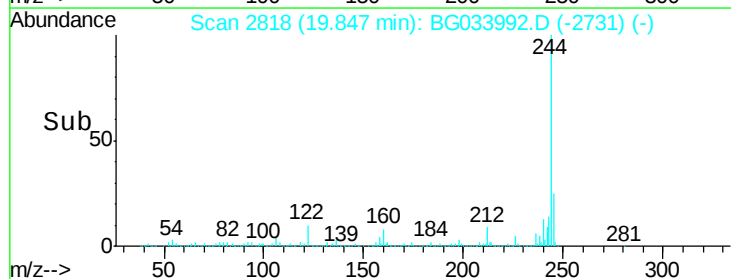
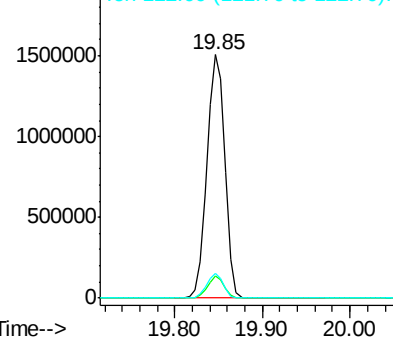
Lab File: BG033992.D

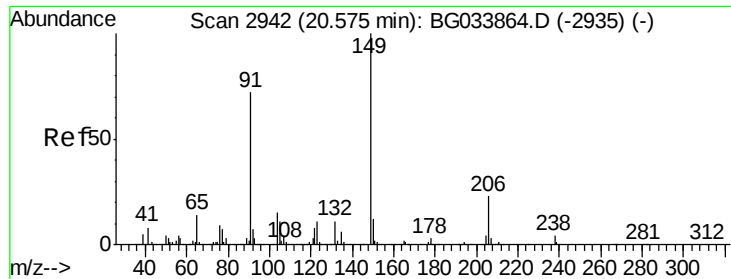
Acq: 25 Apr 2018 18:30

Tgt Ion:	244	Resp:	2141649
Ion	Ratio	Lower	Upper
244	100		
212	8.9	5.8	8.8#
122	10.2	7.0	10.4



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





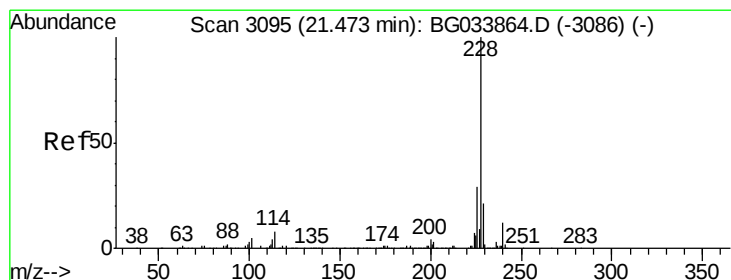
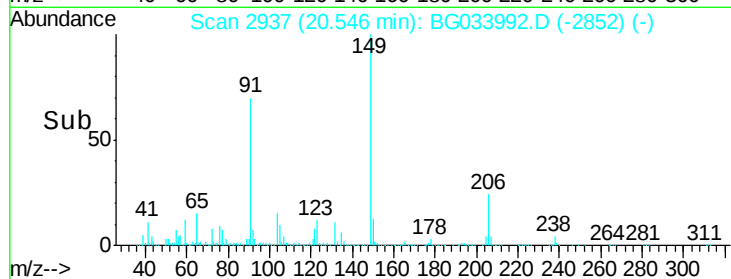
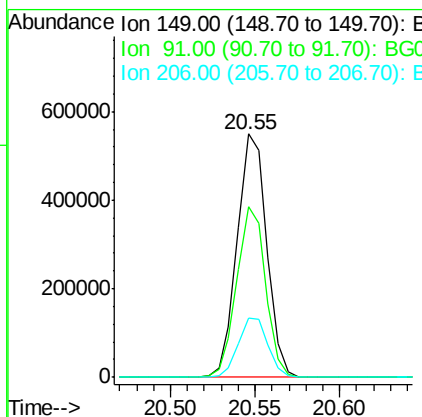
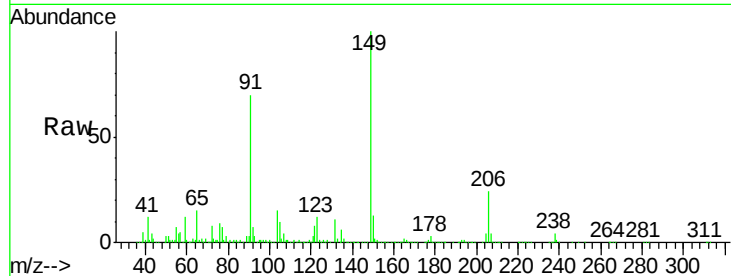
#79
Butylbenzylphthalate
Concen: 41.183 ng
RT: 20.55 min Scan# 2937
Delta R.T. -0.03 min
Lab File: BG033992.D
Acq: 25 Apr 2018 18:30

Instrument :
BNA_G
ClientSampleId :
TP-4-11MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	70.2	62.2	93.2
206	24.2	18.6	27.8

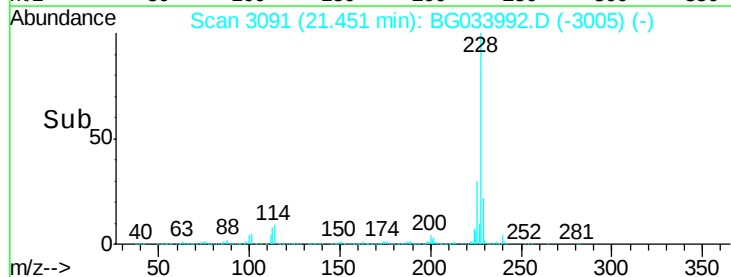
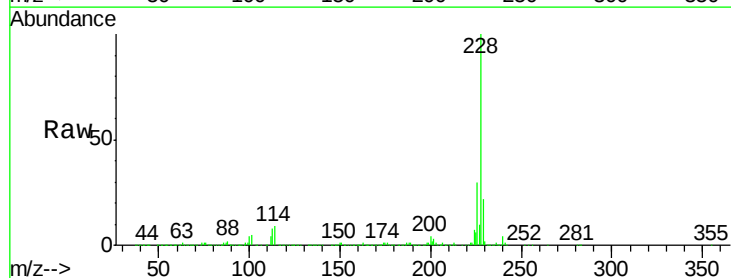
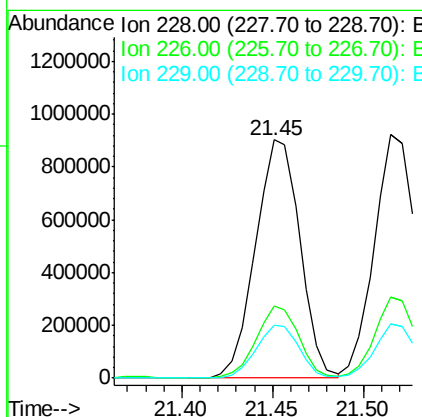
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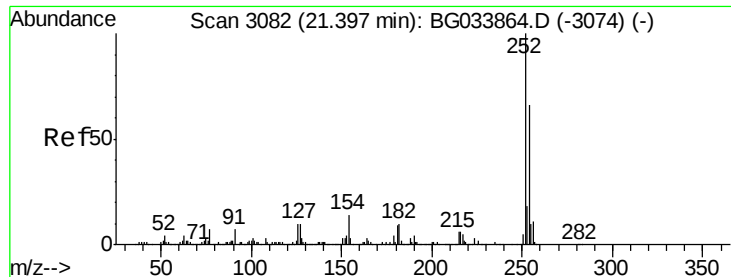
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#80
Benzo(a)anthracene
Concen: 43.151 ng
RT: 21.45 min Scan# 3091
Delta R.T. -0.02 min
Lab File: BG033992.D
Acq: 25 Apr 2018 18:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	22.7	34.1
229	22.1	16.2	24.2





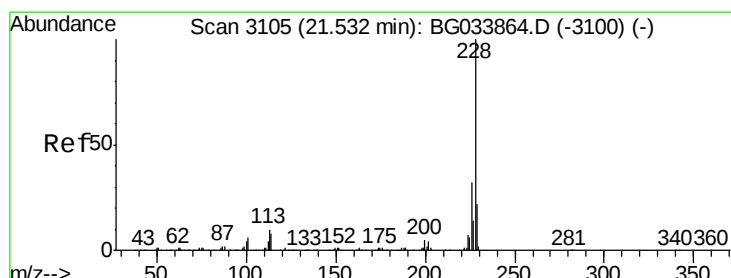
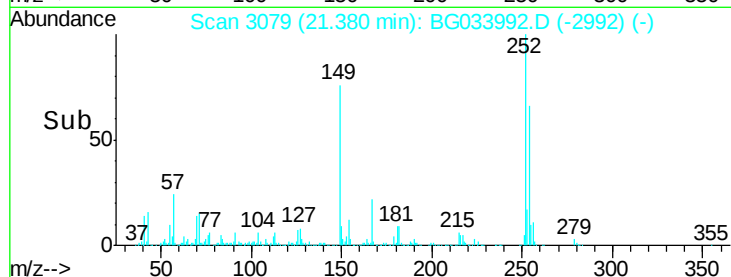
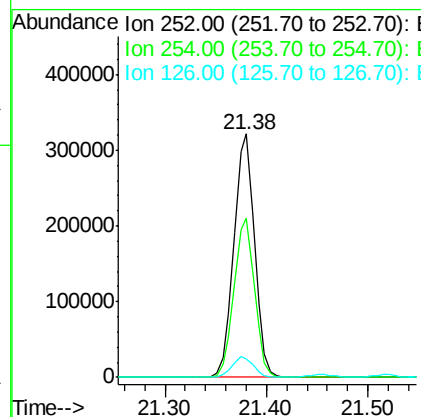
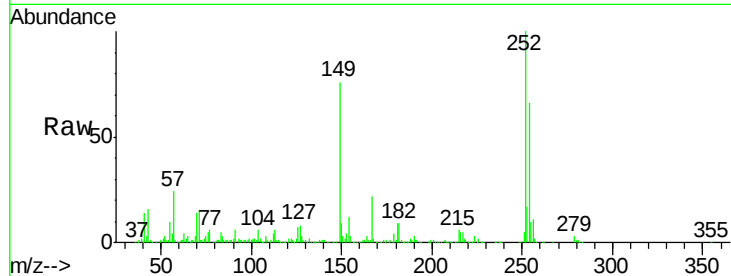
#81
 3,3'-Dichlorobenzidine
 Concen: 34.230 ng
 RT: 21.38 min Scan# 3079
 Delta R.T. -0.02 min
 Lab File: BG033992.D
 Acq: 25 Apr 2018 18:30

Instrument :
 BNA_G
 ClientSampleId :
 TP-4-11MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.6	50.8	76.2
126	7.5	7.4	11.2

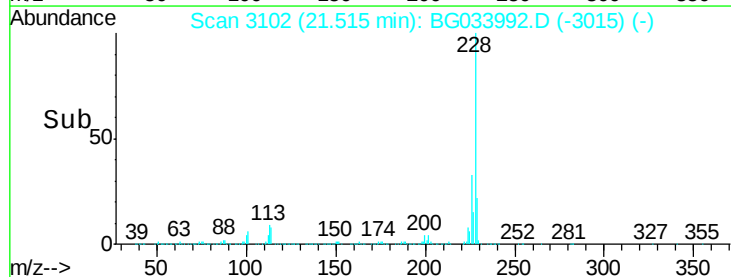
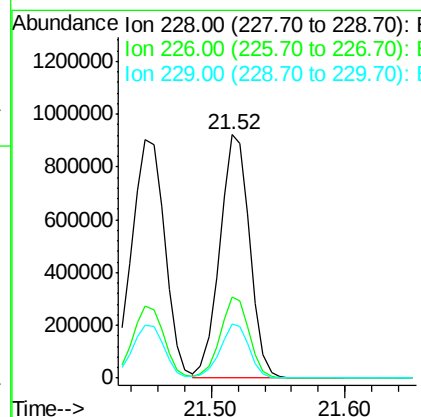
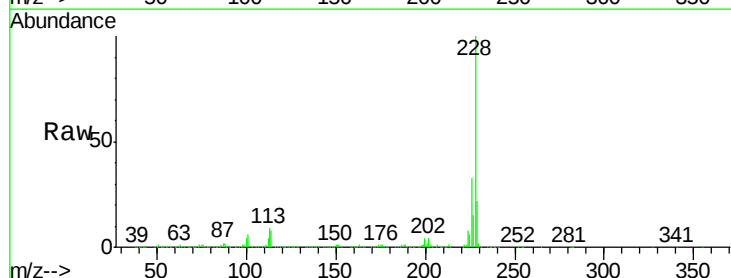
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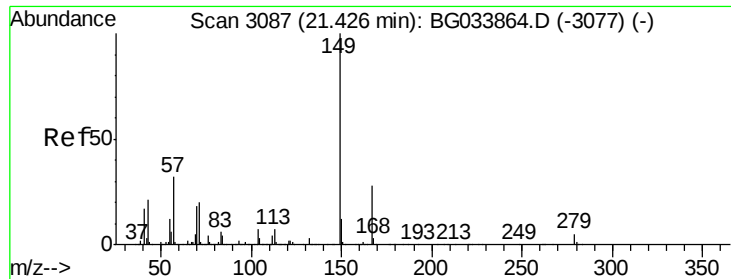
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#82
 Chrysene
 Concen: 42.546 ng
 RT: 21.52 min Scan# 3102
 Delta R.T. -0.02 min
 Lab File: BG033992.D
 Acq: 25 Apr 2018 18:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.1	24.9	37.3
229	22.3	15.0	22.4





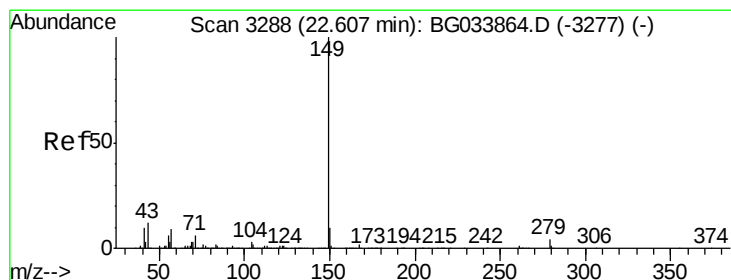
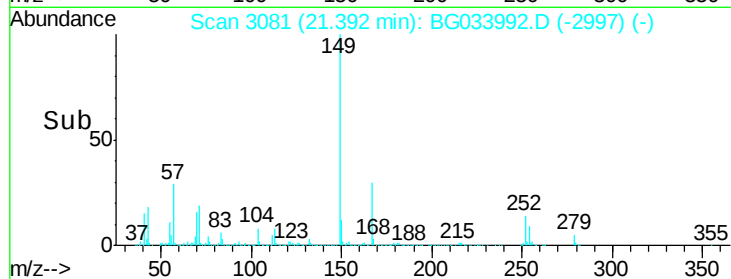
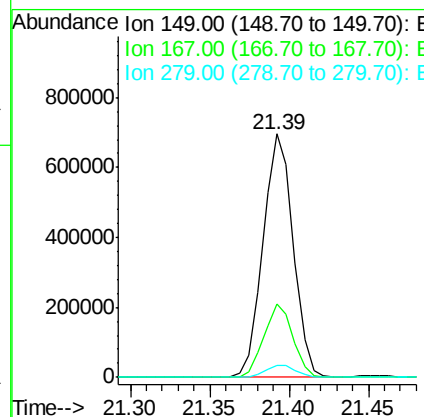
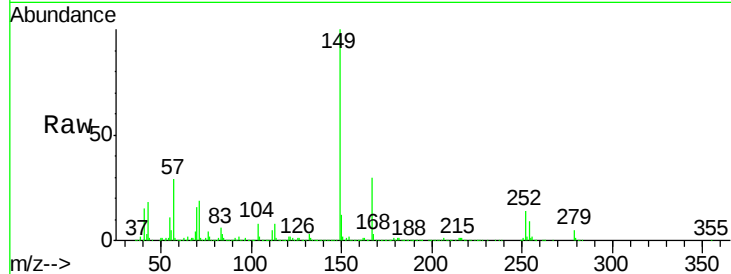
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.136 ng
 RT: 21.39 min Scan# 3081
 Delta R.T. -0.03 min
 Lab File: BG033992.D
 Acq: 25 Apr 2018 18:30

Instrument :
 BNA_G
 ClientSampleId :
 TP-4-11MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	30.0	24.3	36.5
279	5.1	4.0	6.0

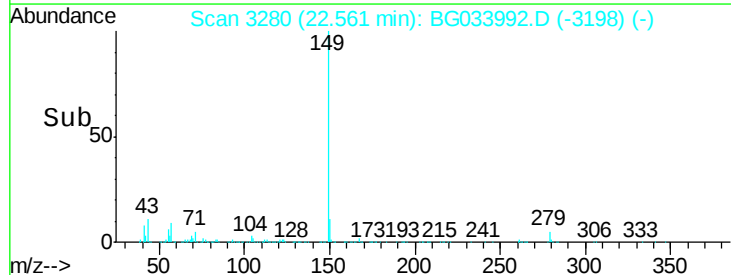
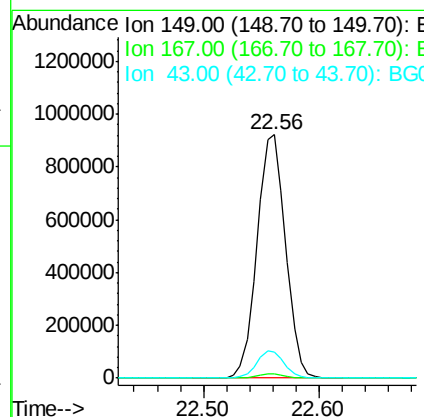
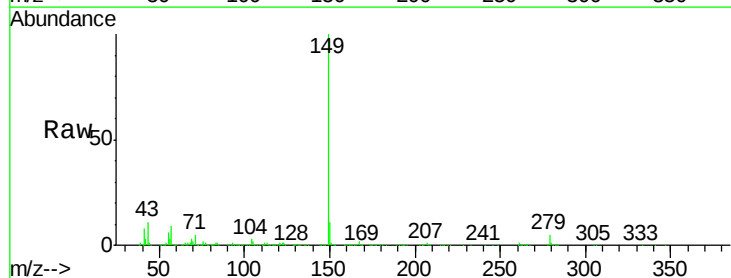
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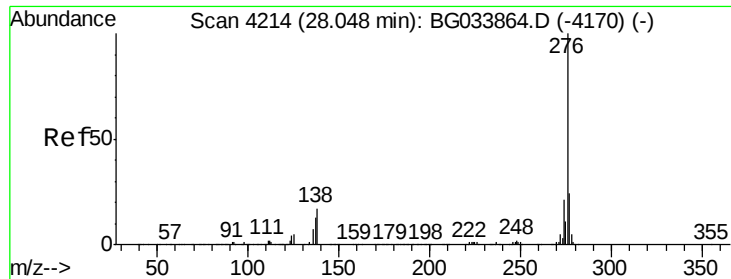
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#84
 Di-n-octyl phthalate
 Concen: 43.406 ng
 RT: 22.56 min Scan# 3280
 Delta R.T. -0.05 min
 Lab File: BG033992.D
 Acq: 25 Apr 2018 18:30

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	10.7	8.9	13.3





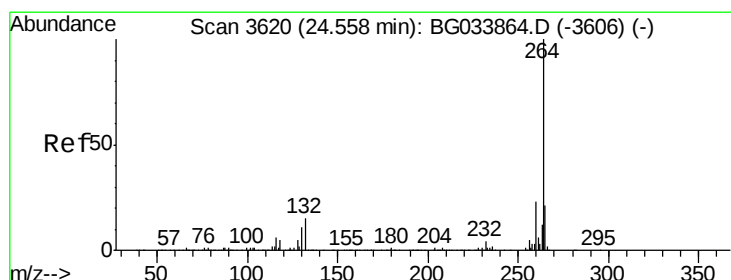
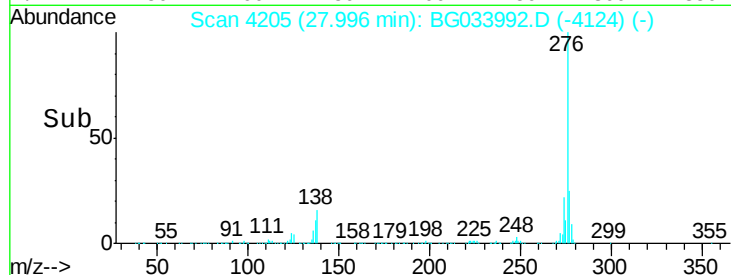
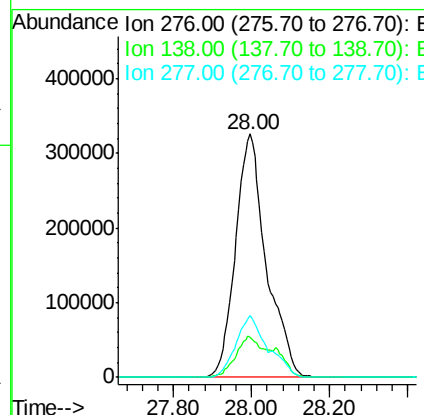
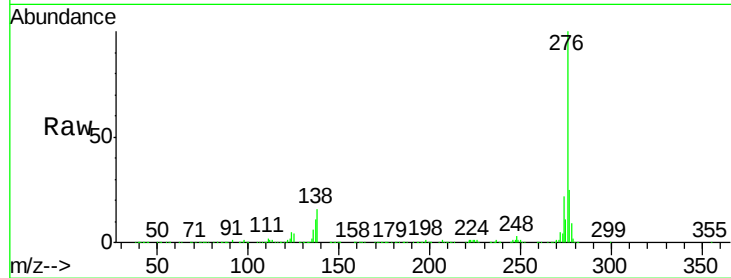
#85
Indeno(1,2,3-cd)pyrene
Concen: 46.141 ng
RT: 28.00 min Scan# 4205
Delta R.T. -0.05 min
Lab File: BG033992.D
Acq: 25 Apr 2018 18:30

Instrument :
BNA_G
ClientSampleId :
TP-4-11MSD

Tot Ion	Ion	Ratio	Lower	Upper
276	100			
138	16.3	16.0	24.0	
277	26.1	20.0	30.0	

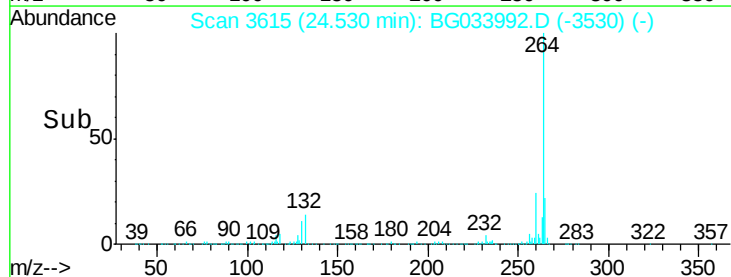
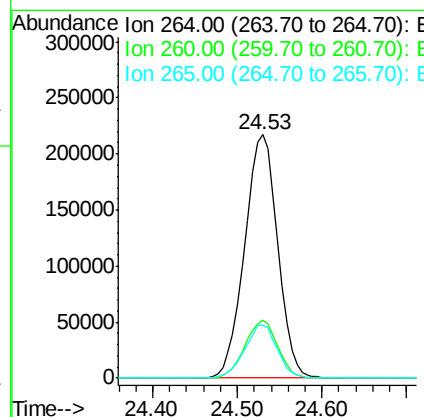
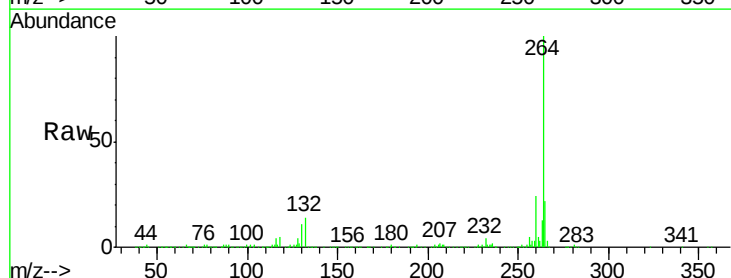
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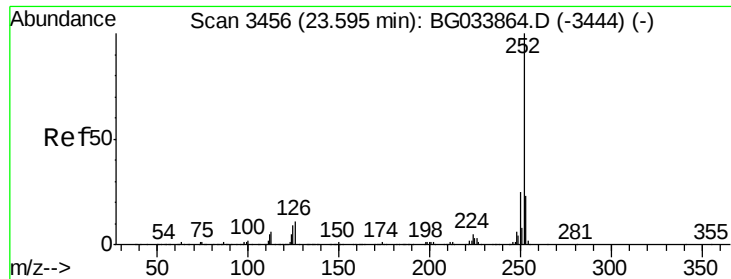
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#86
Perylene-d12
Concen: 20.000 ng
RT: 24.53 min Scan# 3615
Delta R.T. -0.03 min
Lab File: BG033992.D
Acq: 25 Apr 2018 18:30

Tgt Ion	Ion	Ratio	Lower	Upper
264	100			
260	23.9	17.4	26.0	
265	21.9	17.7	26.5	





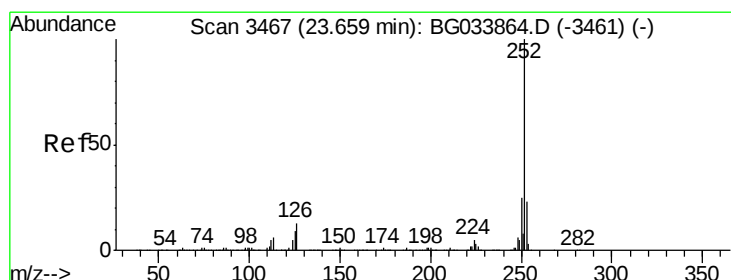
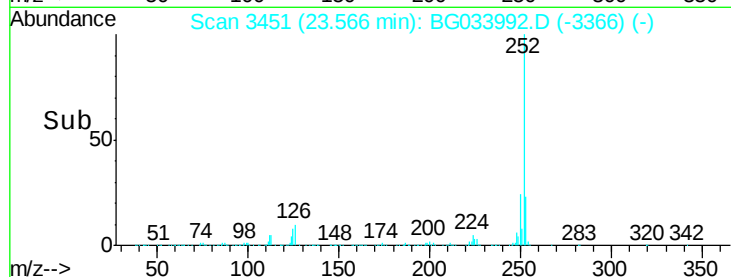
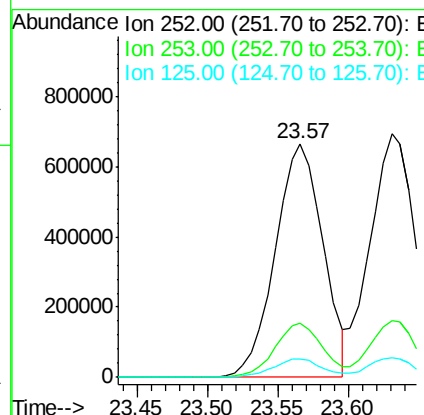
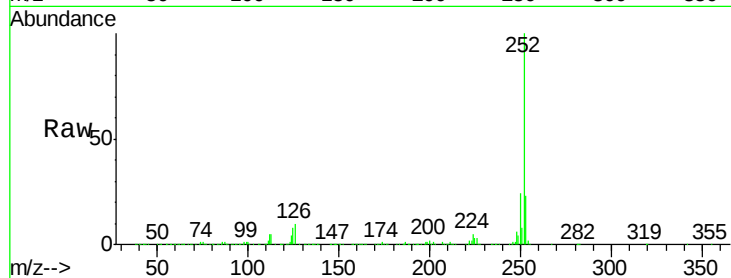
#87
Benzo(b)fluoranthene
Concen: 43.373 ng
RT: 23.57 min Scan# 3451
Delta R.T. -0.03 min
Lab File: BG033992.D
Acq: 25 Apr 2018 18:30

Instrument :
BNA_G
ClientSampleId :
TP-4-11MSD

Tot Ion:252 Resp: 1561664
Ion Ratio Lower Upper
252 100
253 23.4 18.2 27.4
125 7.9 7.2 10.8

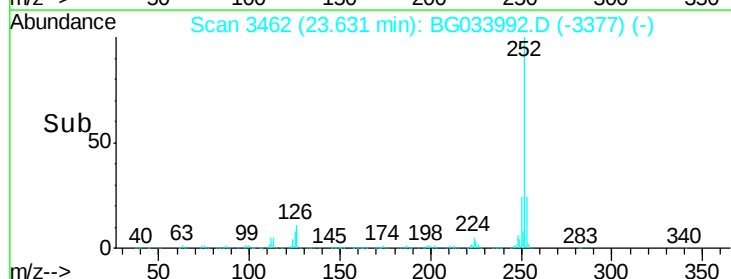
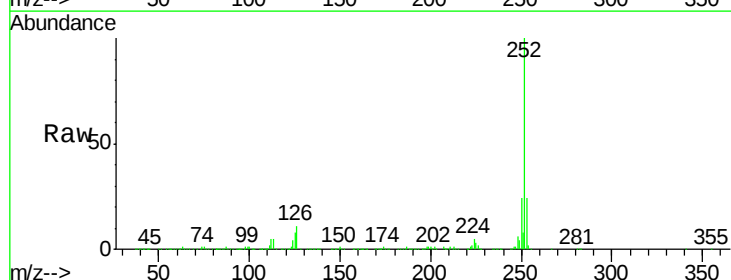
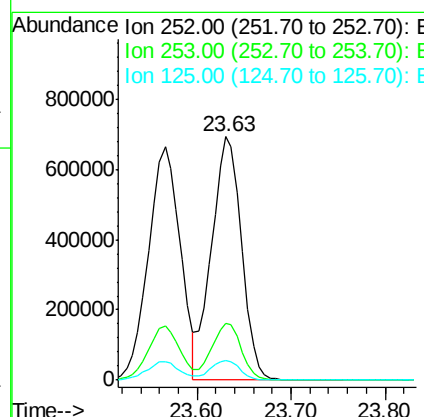
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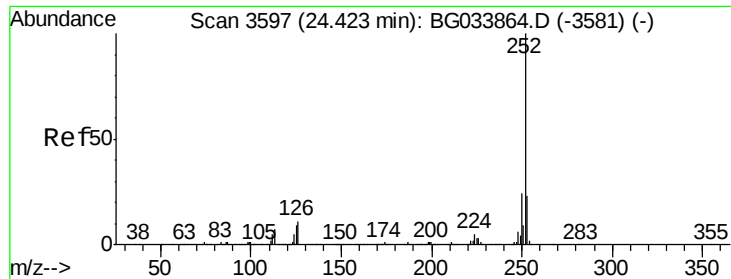
Sohil
4/26/2018 6:16:38 PM



#88
Benzo(k)fluoranthene
Concen: 43.183 ng
RT: 23.63 min Scan# 3462
Delta R.T. -0.03 min
Lab File: BG033992.D
Acq: 25 Apr 2018 18:30

Tgt Ion:252 Resp: 1544472
Ion Ratio Lower Upper
252 100
253 23.5 17.4 26.2
125 8.0 6.6 9.8





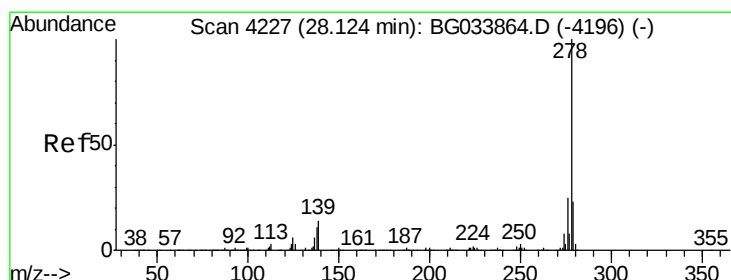
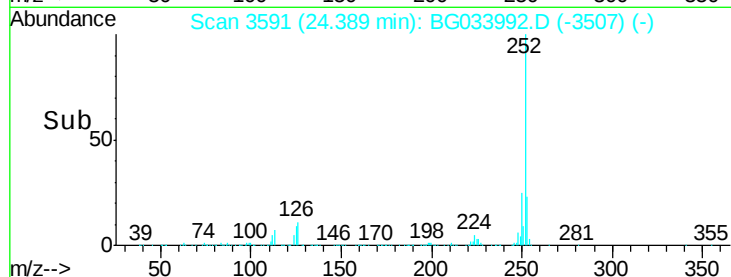
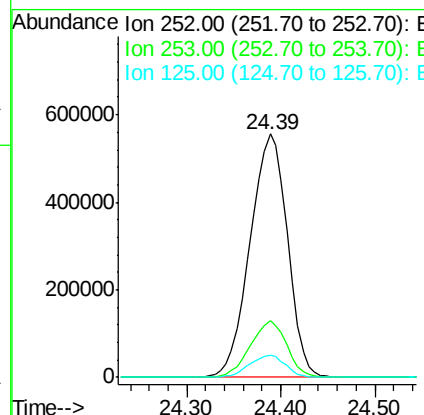
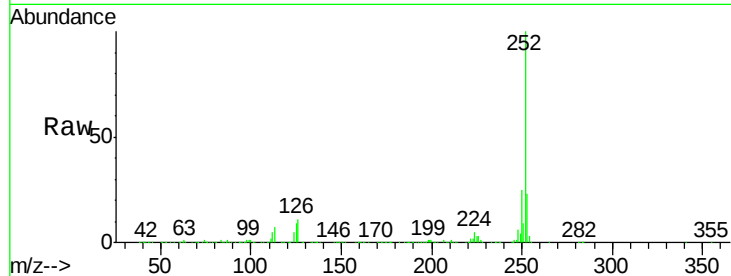
#89
Benzo(a)pyrene
Concen: 44.330 ng
RT: 24.39 min Scan# 3591
Delta R.T. -0.03 min
Lab File: BG033992.D
Acq: 25 Apr 2018 18:30

Instrument :
BNA_G
ClientSampleId :
TP-4-11MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.3	27.5
125	8.9	7.3	10.9

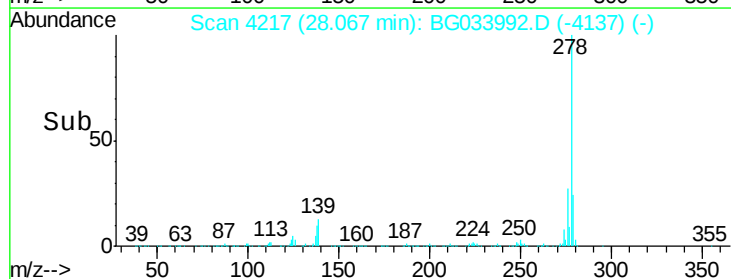
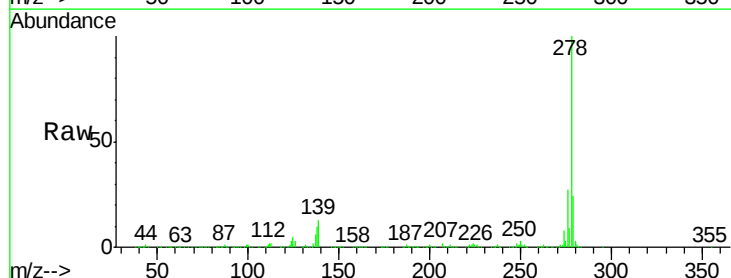
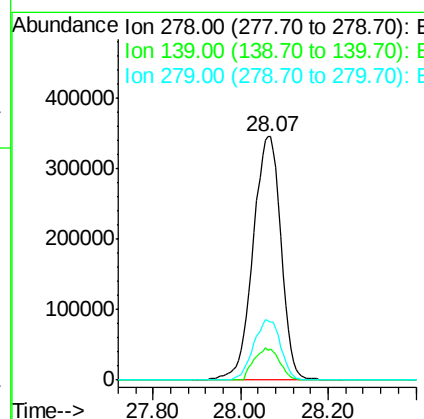
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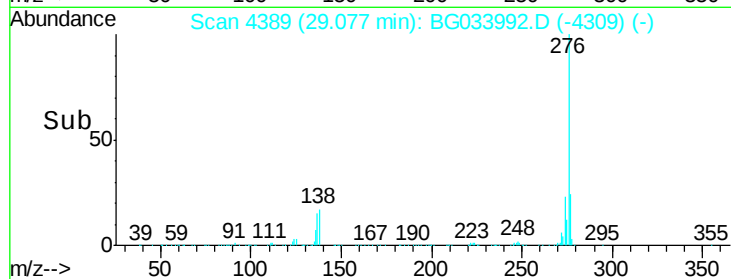
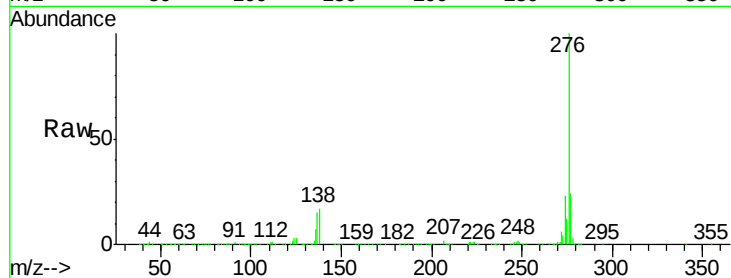
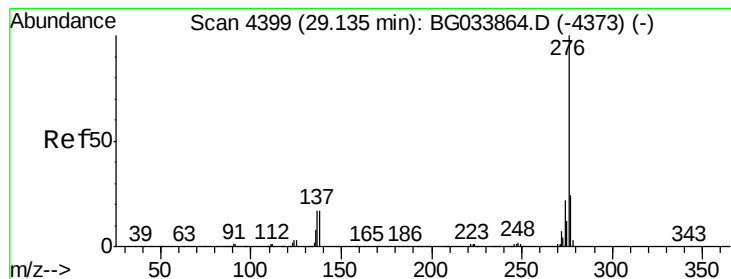
Sohil
4/26/2018 6:16:38 PM



#90
Dibenzo(a,h)anthracene
Concen: 44.656 ng
RT: 28.07 min Scan# 4217
Delta R.T. -0.06 min
Lab File: BG033992.D
Acq: 25 Apr 2018 18:30

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.7	9.8	14.6
279	24.0	18.4	27.6





#91

Benzo(a,h,i)perylene

Concen: 43.392 ng

RT: 29.08 min Scan# 4389

Delta R.T. -0.06 min

Lab File: BG033992.D

Acq: 25 Apr 2018 18:30

Tot Ion: 276 Resp: 1424655

Ion Ratio Lower Upper

276 100

277 24.2 18.3 27.5

138 16.7 13.9 20.9

Instrument :

BNA_G

ClientSampleId :

TP-4-11MSD

Manual Integrations
APPROVED

Sohil
4/26/2018 6:16:38 PM

