

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061518\
 Data File : BG035208.D
 Acq On : 16 Jun 2018 15:00
 Operator : SJ/JU
 Sample : J3504-04MSD
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-44COMPMSD

Manual Integrations
 APPROVED

Sohil
 6/18/2018 10:43:04 AM

Quant Time: Jun 18 03:13:22 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	47309	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	185729	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	138358	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	383279	20.00	ng	-0.01
75) Chrysene-d12	21.70	240	401990	20.00	ng	-0.02
86) Perylene-d12	24.92	264	389049	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	402216	143.48	ng	0.00
7) Phenol-d6	7.22	99	539508	130.39	ng	0.00
23) Nitrobenzene-d5	9.23	82	440970	112.86	ng	-0.01
41) 2,4,6-Tribromophenol	16.18	330	329869	186.24	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1008515	94.76	ng	-0.02
78) Terphenyl-d14	20.04	244	1891717	98.57	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.56	88	38775	28.990	ng	# 75
3) Pyridine	3.96	79	111856	30.995	ng	# 74
4) n-Nitrosodimethylamine	3.86	42	50375	32.492	ng	# 63
6) Aniline	7.39	93	80991	15.143	ng	94
8) 2-Chlorophenol	7.63	128	134842	45.889	ng	96
9) Benzaldehyde	7.20	77	86099	27.016	ng	95
10) Phenol	7.25	94	170645	39.853	ng	96
11) bis(2-Chloroethyl)ether	7.48	93	138587	41.700	ng	91
12) 1,3-Dichlorobenzene	7.95	146	137947	39.346	ng	97
13) 1,4-Dichlorobenzene	8.10	146	145498	40.201	ng	95
14) 1,2-Dichlorobenzene	8.42	146	141080	41.499	ng	96
15) Benzyl Alcohol	8.30	79	166299	42.418	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.59	45	154205	46.618	ng	76
17) 2-Methylphenol	8.50	107	134831	47.761	ng	# 94
18) Hexachloroethane	9.14	117	53227	41.079	ng	91
19) n-Nitroso-di-n-propylamine	8.87	70	137263	39.049	ng	# 82
20) 3+4-Methylphenols	8.82	107	187689	46.384	ng	96
22) Acetophenone	8.88	105	246392	42.826	ng	# 90
24) Nitrobenzene	9.27	77	198545	49.623	ng	97
25) Isophorone	9.78	82	391544	47.463	ng	99
26) 2-Nitrophenol	9.97	139	81820	59.327	ng	# 93
27) 2,4-Dimethylphenol	10.03	122	149653	51.625	ng	94
28) bis(2-Chloroethoxy)methane	10.27	93	206205	46.515	ng	97
29) 2,4-Dichlorophenol	10.51	162	169212	53.646	ng	95
30) 1,2,4-Trichlorobenzene	10.73	180	171179	45.259	ng	97
31) Naphthalene	10.92	128	445112	46.133	ng	98
32) Benzoic acid	10.16	122	75261	38.761	ng	95
33) 4-Chloroaniline	11.03	127	14894	3.555	ng	# 87
34) Hexachlorobutadiene	11.20	225	129431	44.002	ng	99
35) Caprolactam	11.79	113	39449m	33.841	ng	
36) 4-Chloro-3-methylphenol	12.13	107	212304	53.995	ng	95
37) 2-Methylnaphthalene	12.52	142	357834	48.918	ng	92
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	242396	47.035	ng	99
40) Hexachlorocyclopentadiene	12.86	237	302142	93.492	ng	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	166953	54.103	nq	97
43) 2,4,5-Trichlorophenol	13.19	196	186414	55.039	nq	96
45) 1,1'-Biphenyl	13.52	154	493378	44.347	nq	97
46) 2-Chloronaphthalene	13.56	162	388790	46.222	nq	99
47) 2-Nitroaniline	13.76	65	138811	55.886	nq	93
48) Acenaphthylene	14.41	152	665623	47.193	nq	98
49) Dimethylphthalate	14.14	163	556023	46.085	nq #	99
50) 2,6-Dinitrotoluene	14.26	165	127242	57.808	nq	93
51) Acenaphthene	14.75	154	404839	43.931	nq	98
52) 3-Nitroaniline	14.58	138	40645	18.818	nq #	87
53) 2,4-Dinitrophenol	14.79	184	95716	107.449	nq #	63
54) Dibenzofuran	15.08	168	653427	47.344	nq	95
55) 4-Nitrophenol	14.88	139	152799	83.824	nq #	86
56) 2,4-Dinitrotoluene	15.04	165	186028	63.623	nq #	87
57) Fluorene	15.73	166	545825	47.321	nq	96
58) 2,3,4,6-Tetrachlorophenol	15.31	232	187574	57.008	nq	91
59) Diethylphthalate	15.50	149	563363	45.766	nq	99
60) 4-Chlorophenyl-phenylether	15.72	204	310824	47.257	nq	96
61) 4-Nitroaniline	15.75	138	122593	52.926	nq #	84
62) Azobenzene	16.02	77	559698	46.399	nq	94
64) 4,6-Dinitro-2-methylphenol	15.81	198	86442	49.397	nq	83
65) n-Nitrosodiphenylamine	15.94	169	489985	42.569	nq	98
66) 4-Bromophenyl-phenylether	16.62	248	217619	47.148	nq	98
67) Hexachlorobenzene	16.73	284	222606	47.384	nq	94
68) Atrazine	16.88	200	222471	45.323	nq	95
69) Pentachlorophenol	17.07	266	239496	75.813	nq	99
70) Phenanthrene	17.47	178	898571	46.152	nq	97
71) Anthracene	17.56	178	906009	46.456	nq	98
72) Carbazole	17.83	167	821983	45.425	nq	98
73) Di-n-butylphthalate	18.38	149	941872	43.670	nq #	99
74) Fluoranthene	19.48	202	1169810	46.173	nq	96
76) Benzidine	19.65	184	121444	8.120	nq	99
77) Pyrene	19.84	202	1153430	43.524	nq	97
79) Butylbenzylphthalate	20.72	149	431449	44.835	nq	96
80) Benzo(a)anthracene	21.68	228	1174365	45.716	nq	98
81) 3,3'-Dichlorobenzidine	21.59	252	154637	16.000	nq #	93
82) Chrysene	21.74	228	1094911	46.553	nq	97
83) Bis(2-ethylhexyl)phthalate	21.59	149	588916	43.311	nq #	99
84) Di-n-octyl phthalate	22.80	149	1008132	43.216	nq #	92
85) Indeno(1,2,3-cd)pyrene	28.60	276	1115299	40.489	nq #	88
87) Benzo(b)fluoranthene	23.90	252	1134886	47.369	nq #	97
88) Benzo(k)fluoranthene	23.97	252	1090394	46.525	nq #	97
89) Benzo(a)pyrene	24.78	252	1079868	47.900	nq #	97
90) Dibenzo(a,h)anthracene	28.67	278	881069	39.590	nq #	96
91) Benzo(g,h,i)perylene	29.76	276	914554	41.991	nq #	93

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

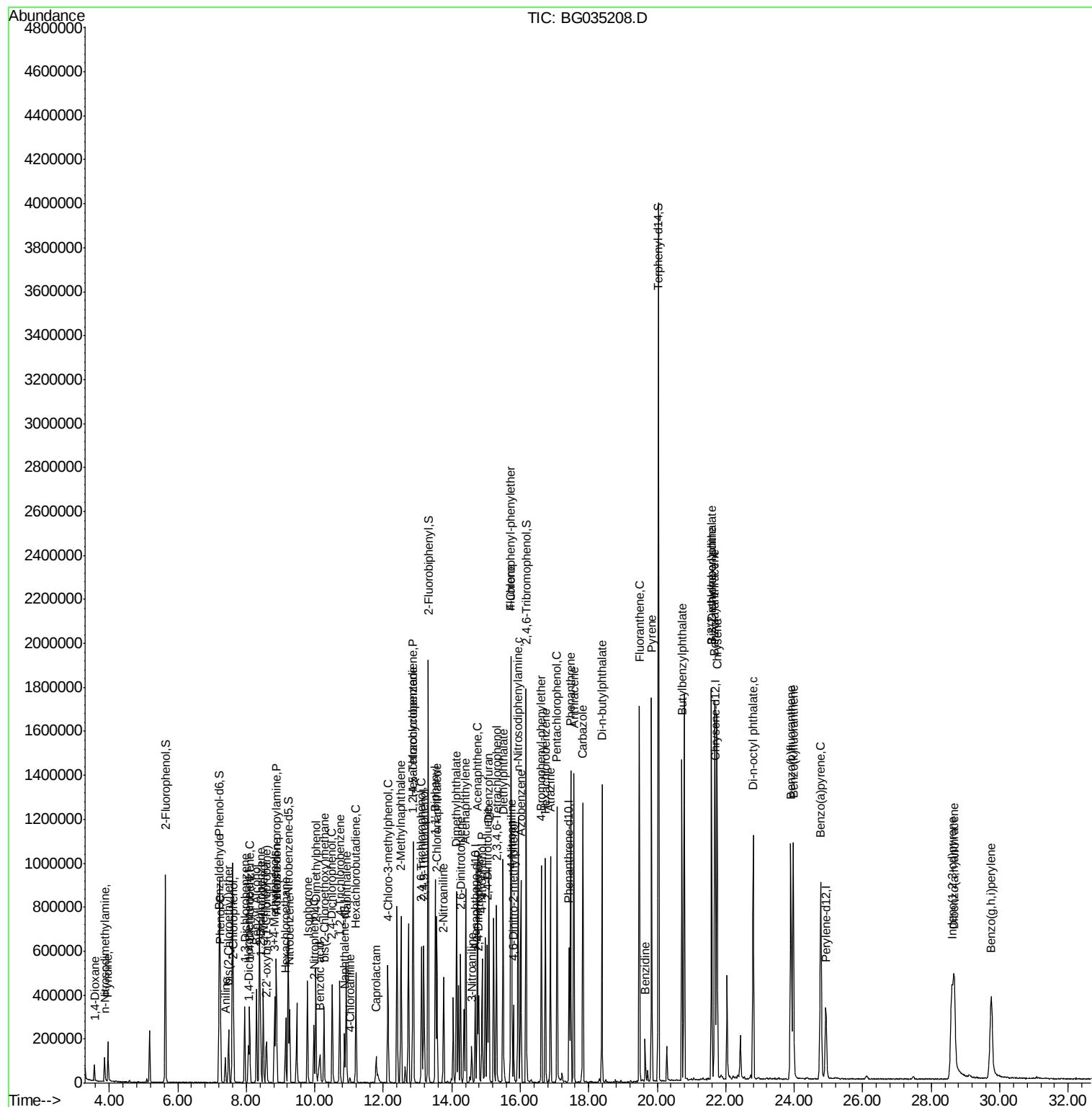
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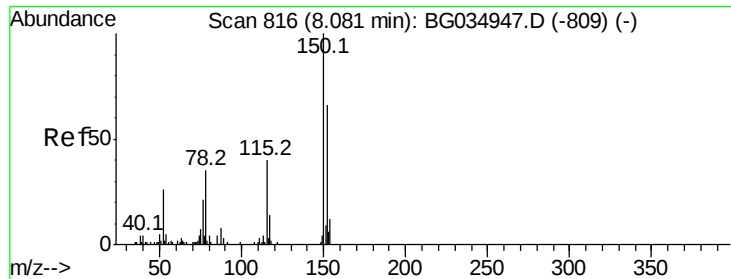
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#1

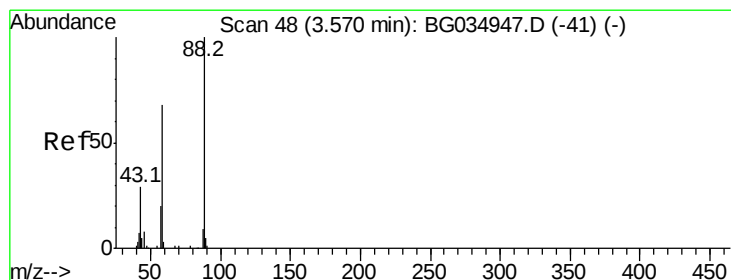
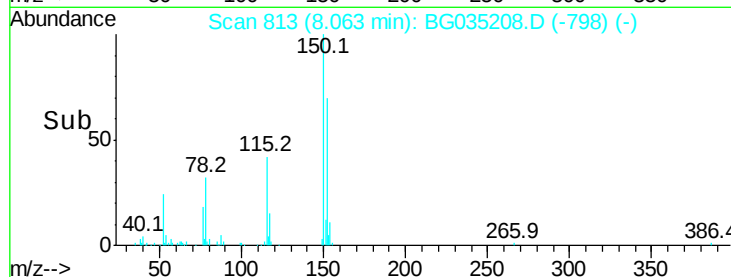
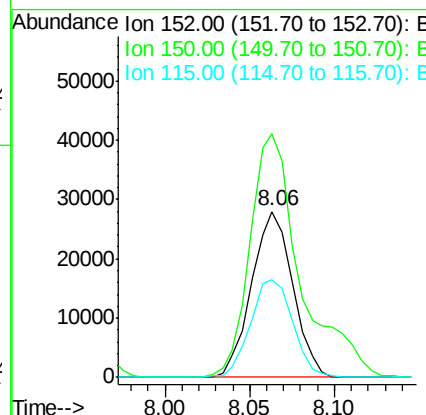
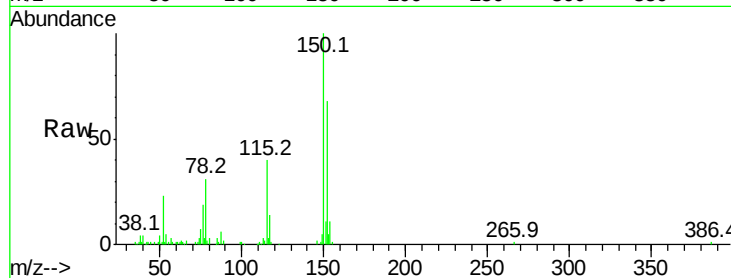
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035208.D
Acq: 16 Jun 2018 15:00

Instrument :
BNA_G
ClientSampleId :
SB-44COMPMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	146.6	126.6	189.8
115	59.1	53.0	79.4

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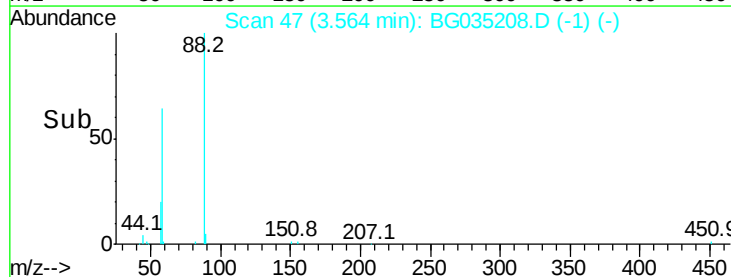
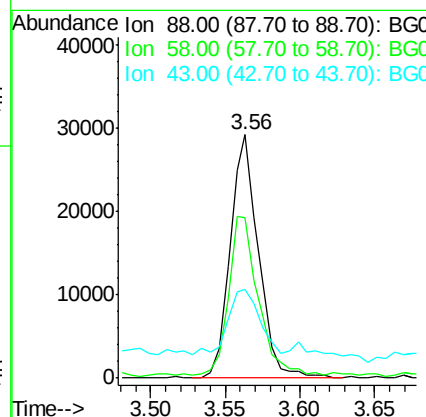
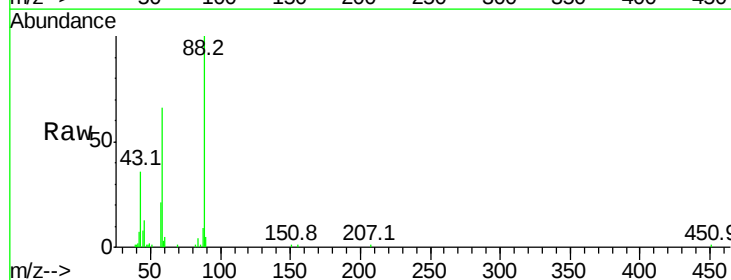
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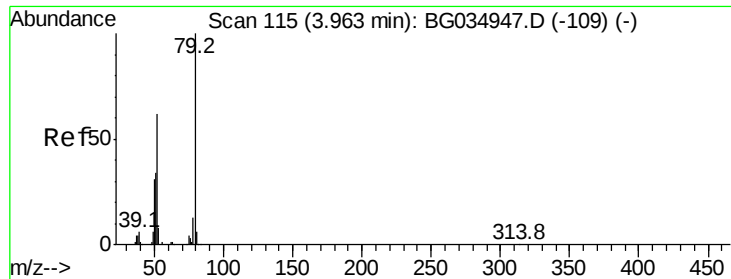


#2

1,4-Dioxane
Concen: 28.990 ng
RT: 3.56 min Scan# 47
Delta R.T. -0.00 min
Lab File: BG035208.D
Acq: 16 Jun 2018 15:00

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.9	79.6	119.4#
43	30.8	27.4	41.0





#3

Pvridine

Concen: 30.995 ng

RT: 3.96 min Scan# 114

Delta R.T. -0.00 min

Lab File: BG035208.D

Acq: 16 Jun 2018 15:00

Instrument :

BNA_G

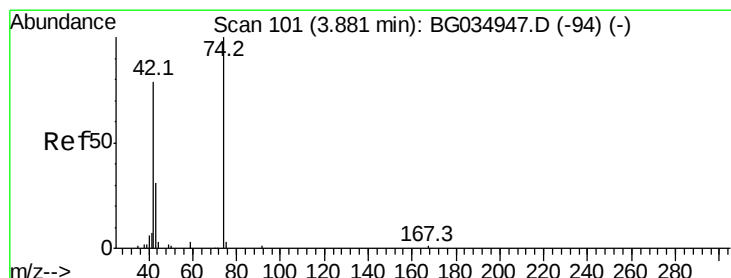
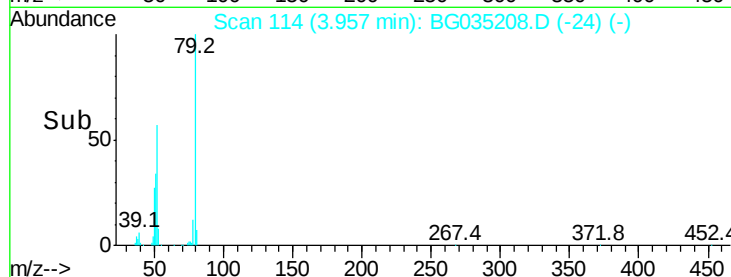
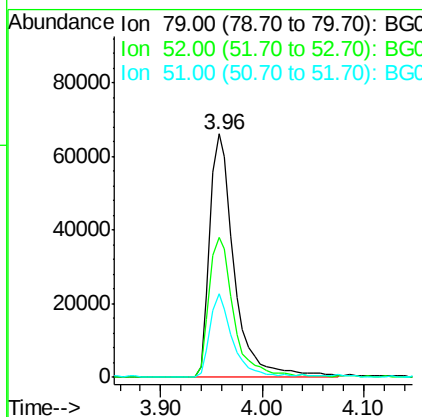
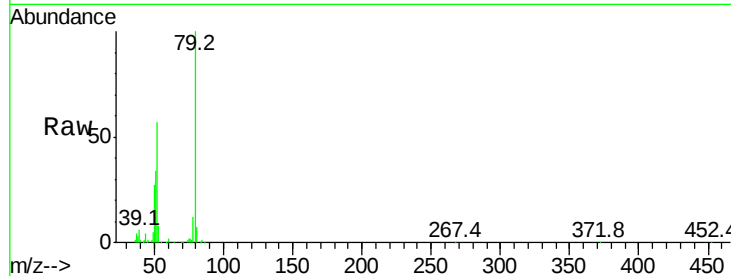
ClientSampleId :

SB-44COMPMSD

Tot Ion:	79	Resp:	111856
Ion Ratio	Lower	Upper	
79	100		
52	57.4	69.9	104.9#
51	34.1	34.0	51.0

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#4

n-Nitrosodimethylamine

Concen: 32.492 ng

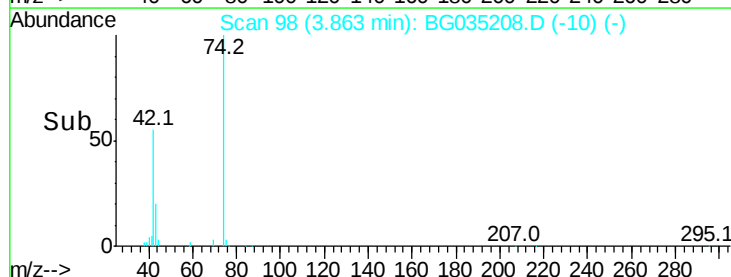
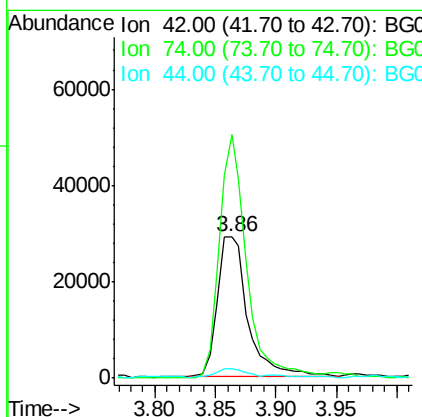
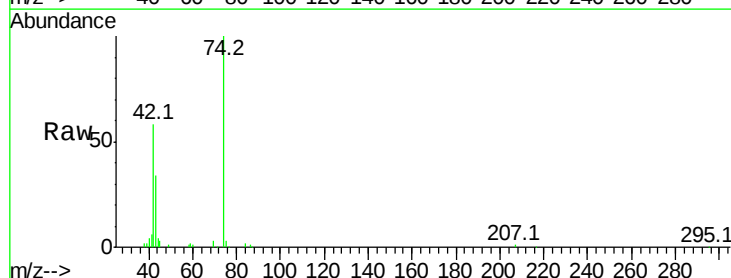
RT: 3.86 min Scan# 98

Delta R.T. -0.01 min

Lab File: BG035208.D

Acq: 16 Jun 2018 15:00

Tgt Ion:	42	Resp:	50375
Ion Ratio	Lower	Upper	
42	100		
74	171.7	102.5	153.7#
44	7.1	18.9	28.3#





#5

2-Fluorophenol

Concen: 143.479 ng

RT: 5.64 min Scan# 400

Delta R.T. -0.01 min

Lab File: BG035208.D

Acq: 16 Jun 2018 15:00

Instrument :

BNA_G

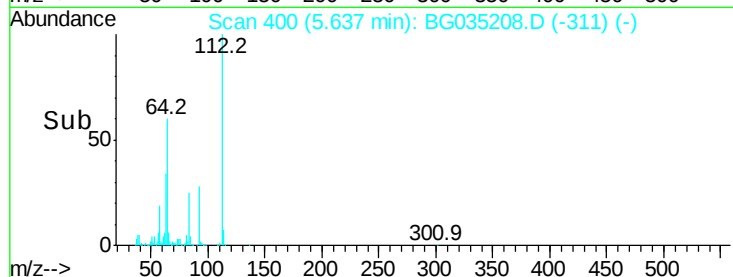
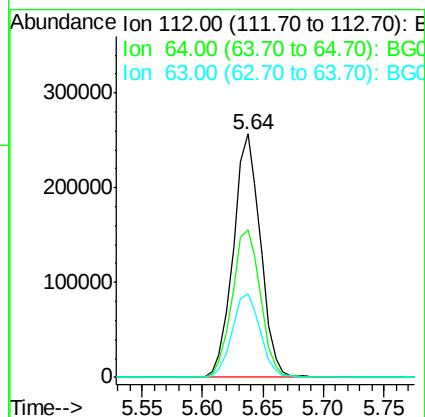
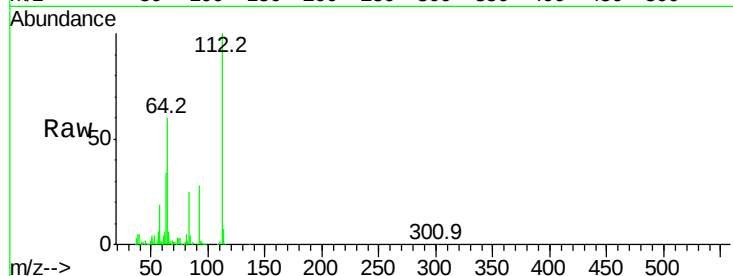
ClientSampleId :

SB-44COMPMSD

Tot Ion:	112	Resp:	402216
Ion Ratio	Lower	Upper	
112	100		
64	60.5	56.3	84.5
63	34.3	30.1	45.1

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#6

Aniline

Concen: 15.143 ng

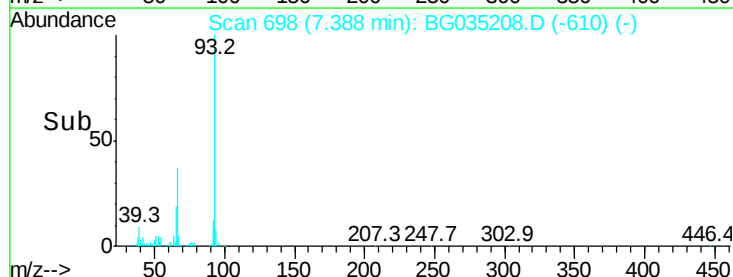
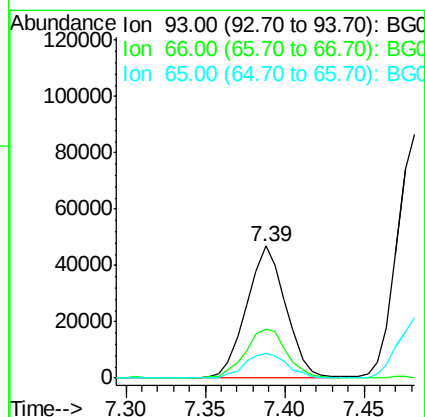
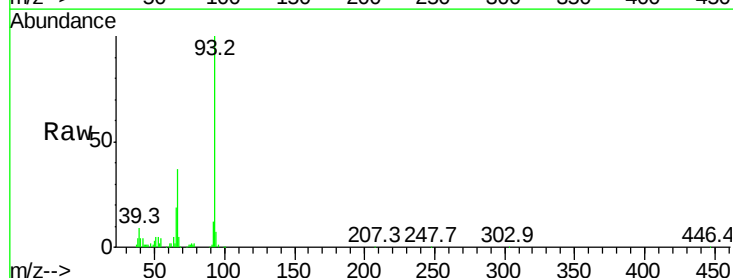
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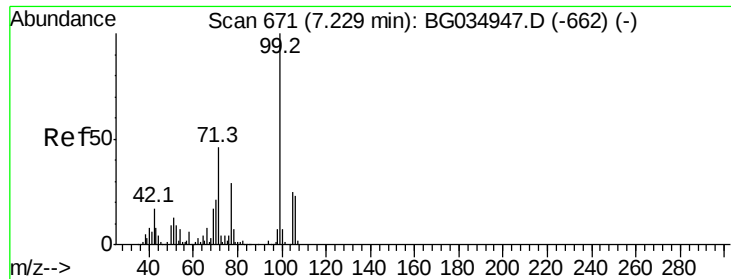
Delta R.T. -0.01 min

Lab File: BG035208.D

Acq: 16 Jun 2018 15:00

Tgt Ion:	93	Resp:	80991
Ion Ratio	Lower	Upper	
93	100		
66	37.3	33.7	50.5
65	19.2	16.1	24.1





#7

Phenol-d6

Concen: 130.394 ng

RT: 7.22 min Scan# 670

Delta R.T. -0.00 min

Lab File: BG035208.D

Acq: 16 Jun 2018 15:00

Instrument :

BNA_G

ClientSampleId :

SB-44COMPMSD

Tot Ion: 99 Resp: 539508

Ion Ratio Lower Upper

99 100

42 15.6 14.1 21.1

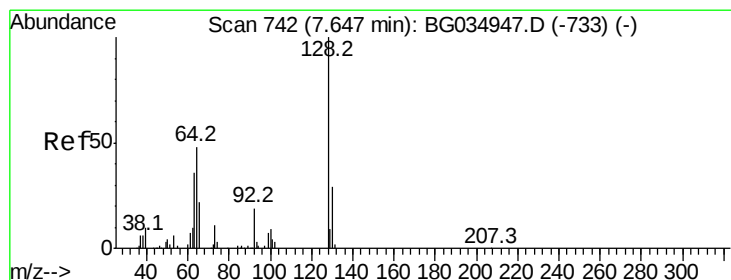
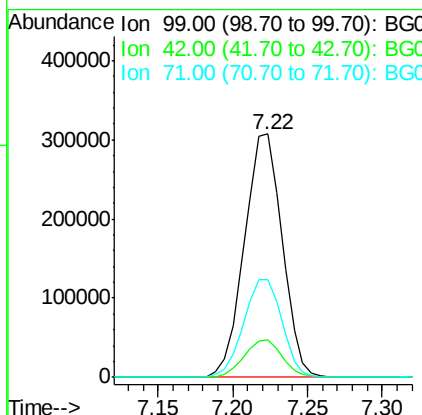
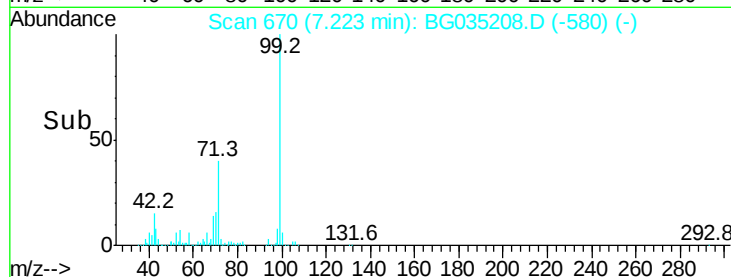
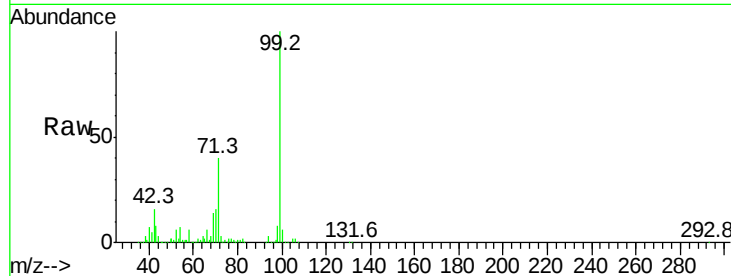
71 39.9 26.1 39.1#

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#8

2-Chlorophenol

Concen: 45.889 ng

RT: 7.63 min Scan# 739

Delta R.T. -0.01 min

Lab File: BG035208.D

Acq: 16 Jun 2018 15:00

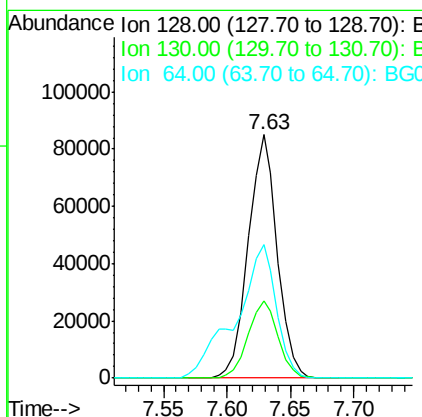
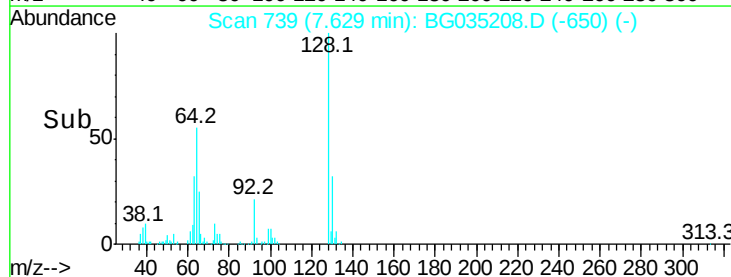
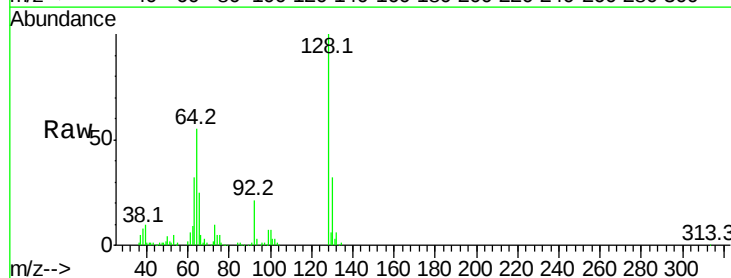
Tgt Ion: 128 Resp: 134842

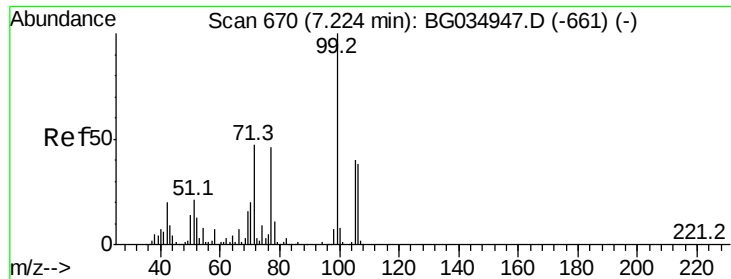
Ion Ratio Lower Upper

128 100

130 31.8 14.0 54.0

64 54.8 37.7 77.7





#9

Benzaldehyde

Concen: 27.016 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG035208.D

Acq: 16 Jun 2018 15:00

Instrument :

BNA_G

ClientSampleId :

SB-44COMPMSD

Tot Ion: 77 Resp: 86099

Ion Ratio Lower Upper

77 100

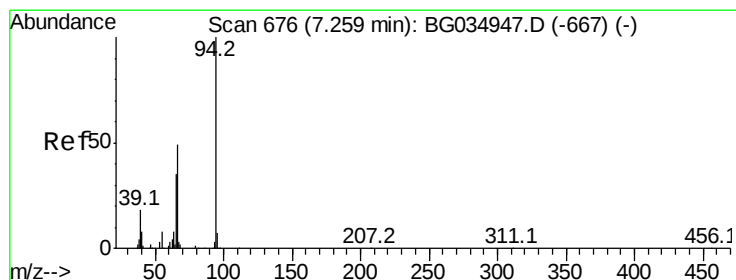
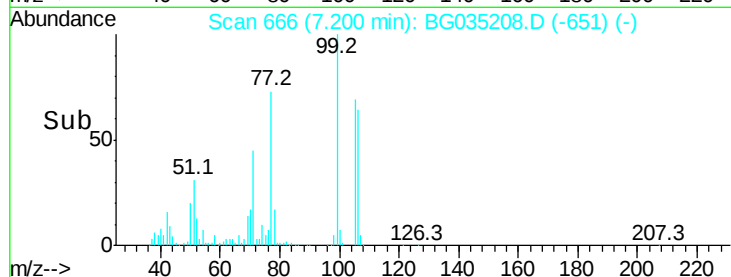
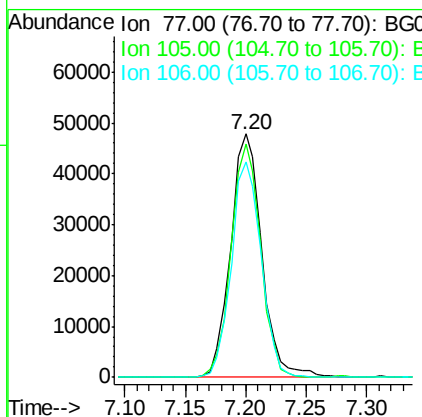
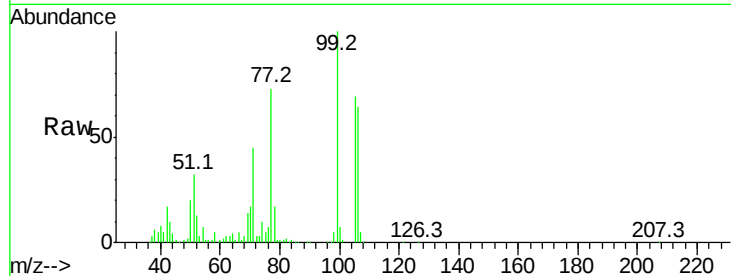
105 95.8 71.3 111.3

106 88.5 64.2 104.2

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#10

Phenol

Concen: 39.853 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.01 min

Lab File: BG035208.D

Acq: 16 Jun 2018 15:00

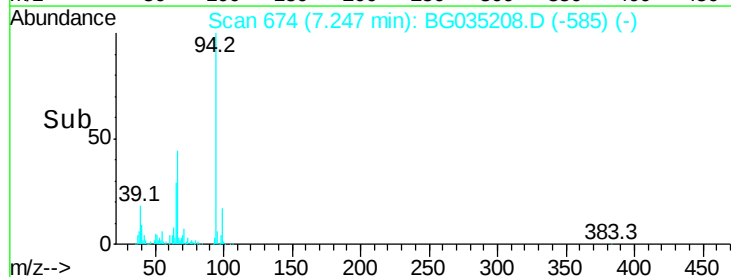
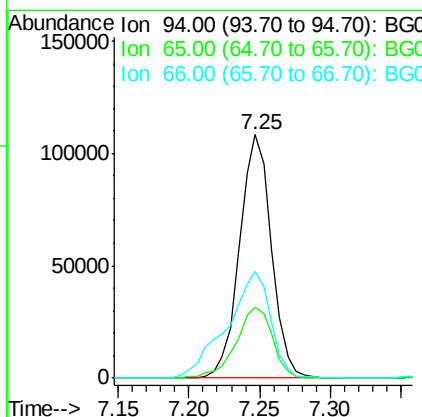
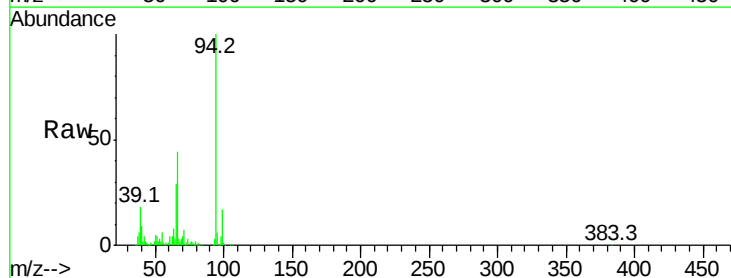
Tgt Ion: 94 Resp: 170645

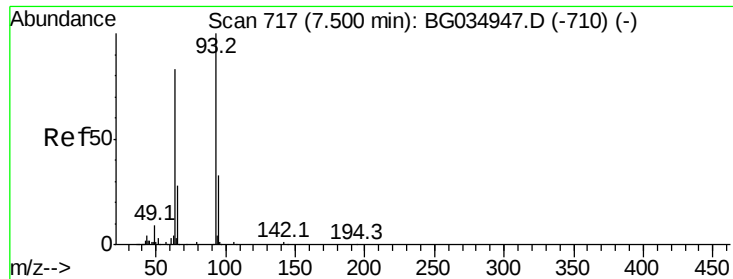
Ion Ratio Lower Upper

94 100

65 29.2 11.9 51.9

66 43.8 22.2 62.2





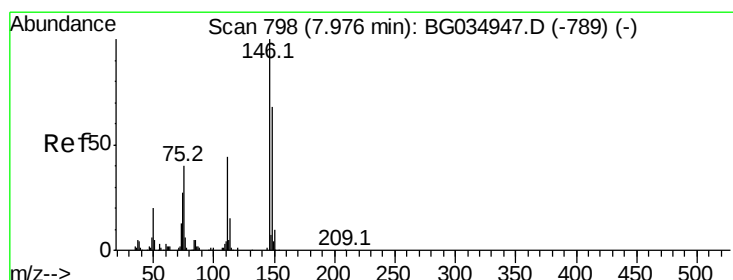
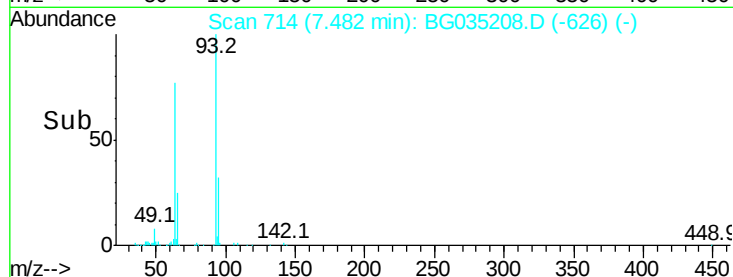
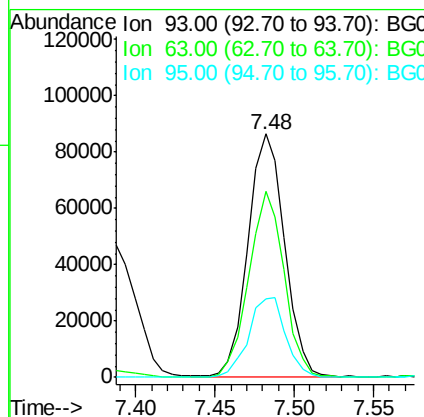
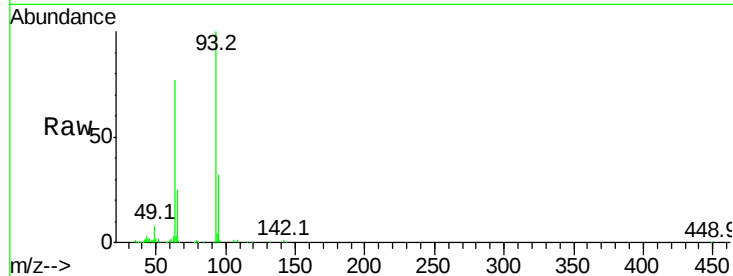
#11
bis(2-Chloroethyl)ether
Concen: 41.700 ng
RT: 7.48 min Scan# 714
Delta R.T. -0.01 min
Lab File: BG035208.D
Acq: 16 Jun 2018 15:00

Instrument :
BNA_G
ClientSampleId :
SB-44COMPMSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	76.5	67.1	107.1
95	32.2	11.5	51.5

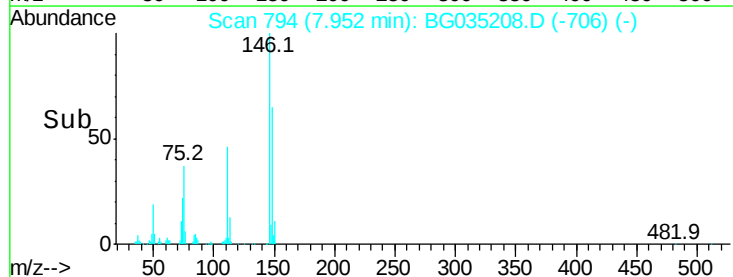
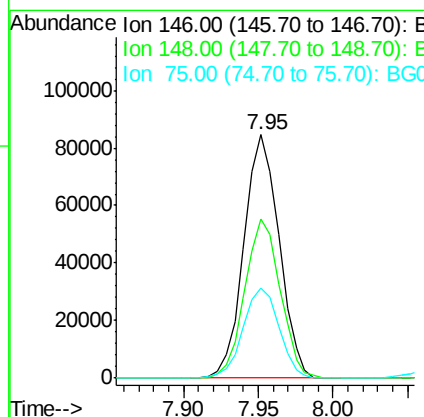
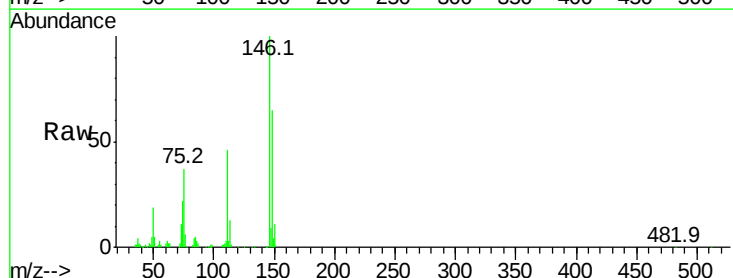
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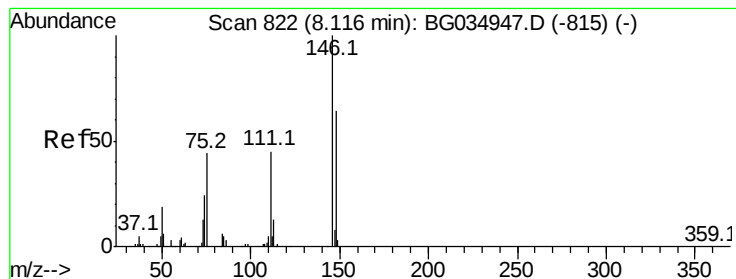
Sohil
6/18/2018 10:43:04 AM



#12
1,3-Dichlorobenzene
Concen: 39.346 ng
RT: 7.95 min Scan# 794
Delta R.T. -0.01 min
Lab File: BG035208.D
Acq: 16 Jun 2018 15:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.4	77.2
75	36.8	26.6	39.8





#13

1,4-Dichlorobenzene

Concen: 40.201 ng

RT: 8.10 min Scan# 819

Delta R.T. -0.01 min

Lab File: BG035208.D

Acq: 16 Jun 2018 15:00

Instrument :

BNA_G

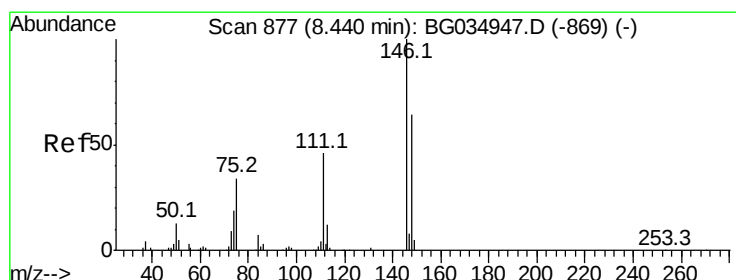
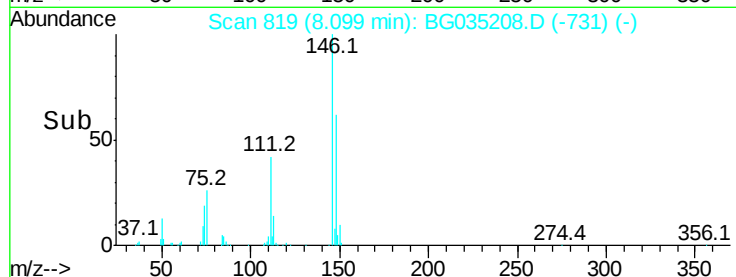
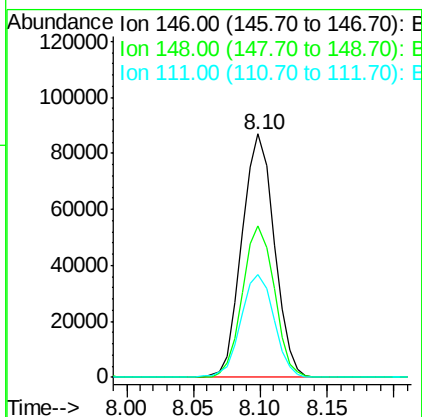
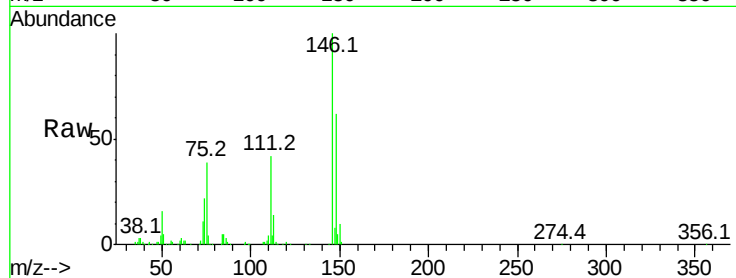
ClientSampleId :

SB-44COMPMSD

Tot Ion:	146	Resp:	145498
Ion Ratio	Lower	Upper	
146	100		
148	62.1	53.7	80.5
111	42.3	35.2	52.8

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#14

1,2-Dichlorobenzene

Concen: 41.499 ng

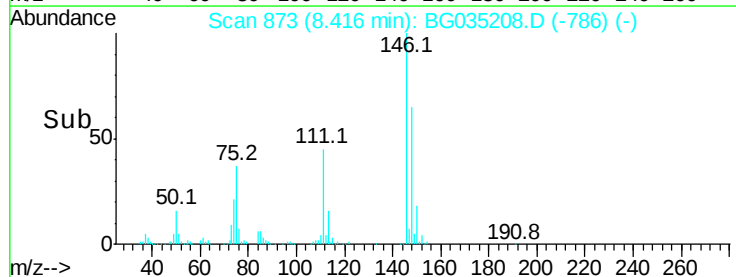
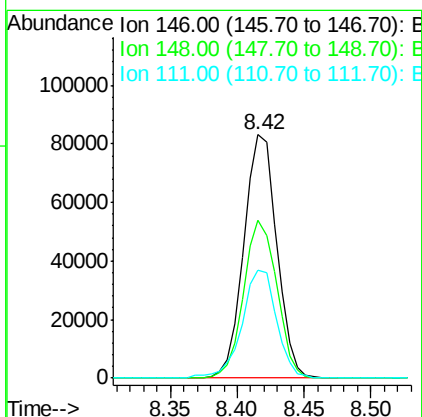
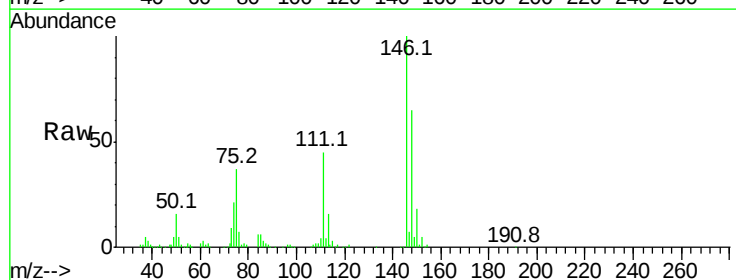
RT: 8.42 min Scan# 873

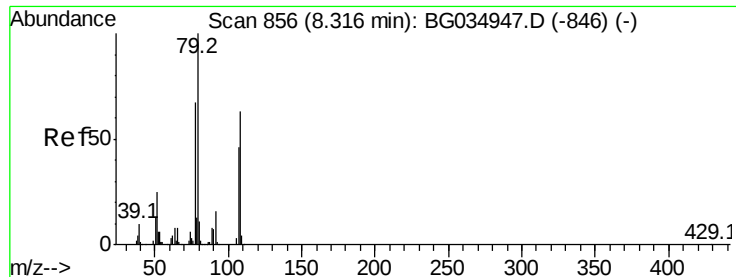
Delta R.T. -0.02 min

Lab File: BG035208.D

Acq: 16 Jun 2018 15:00

Tgt Ion:	146	Resp:	141080
Ion Ratio	Lower	Upper	
146	100		
148	64.8	49.3	73.9
111	44.6	34.3	51.5





#15

Benzyl Alcohol

Concen: 42.418 ng

RT: 8.30 min Scan# 853

Delta R.T. -0.01 min

Lab File: BG035208.D

Acq: 16 Jun 2018 15:00

Instrument :

BNA_G

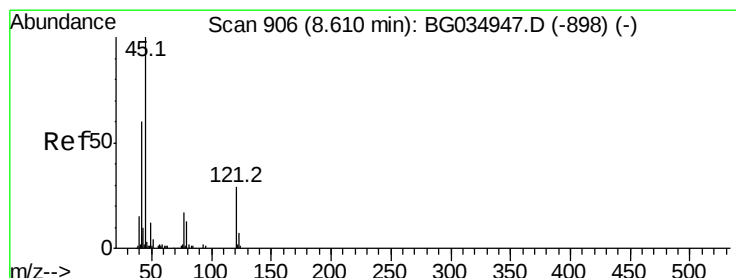
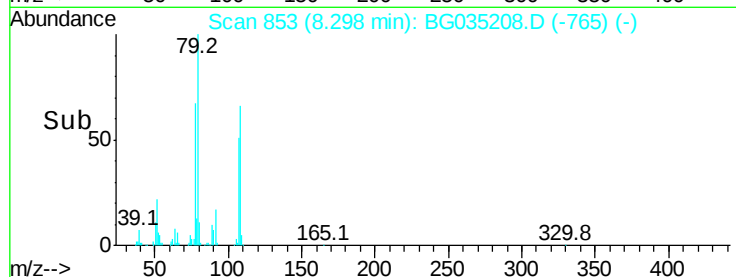
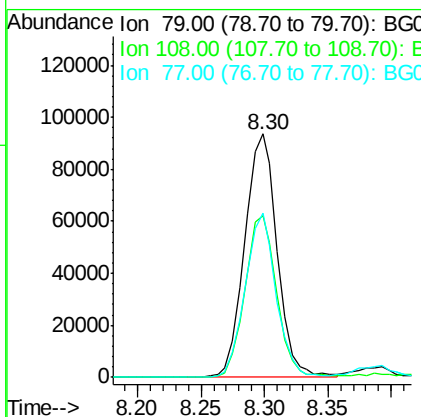
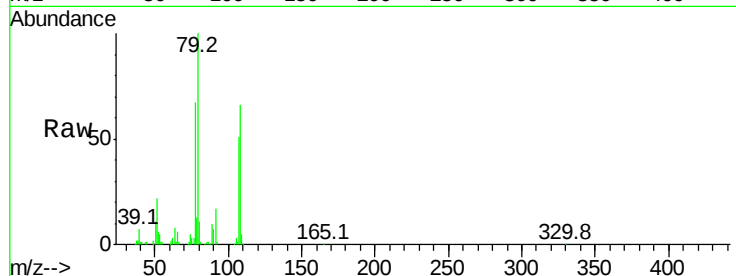
ClientSampleId :

SB-44COMPMSD

Tot Ion:	79	Resp:	166299
Ion Ratio	Lower	Upper	
79	100		
108	66.3	57.2	85.8
77	67.4	46.1	69.1

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#16

2,2'-oxybis(1-chloropropane)

Concen: 46.618 ng

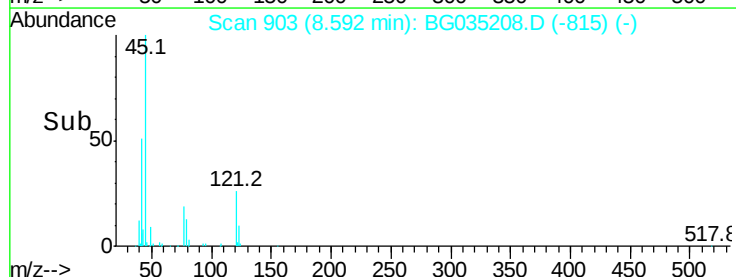
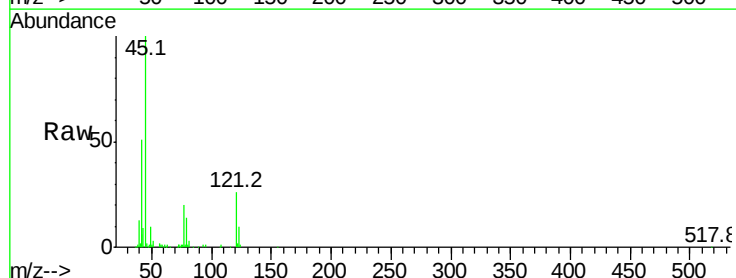
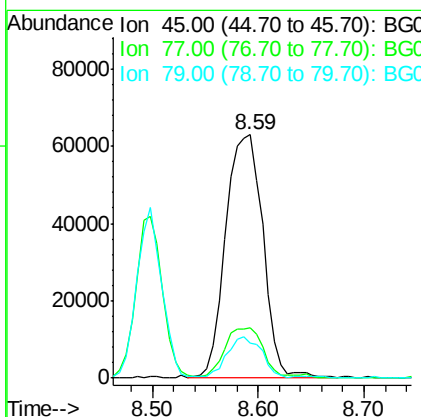
RT: 8.59 min Scan# 903

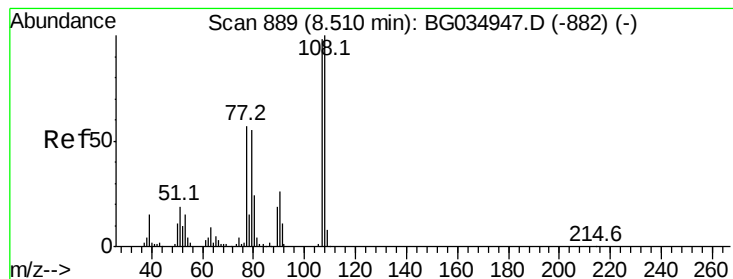
Delta R.T. -0.01 min

Lab File: BG035208.D

Acq: 16 Jun 2018 15:00

Tgt Ion:	45	Resp:	154205
Ion Ratio	Lower	Upper	
45	100		
77	20.5	0.0	30.2
79	14.4	0.0	27.9





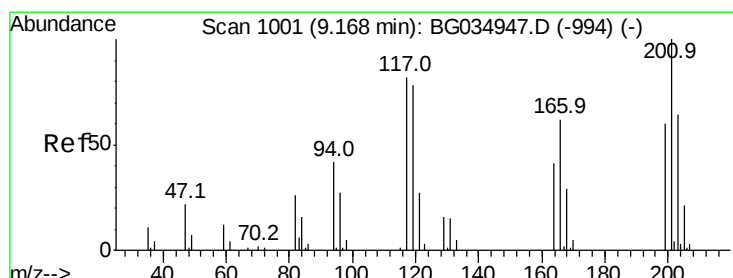
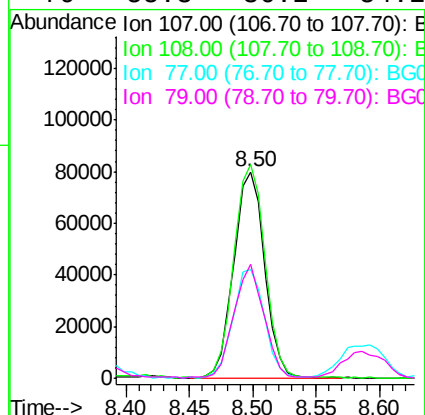
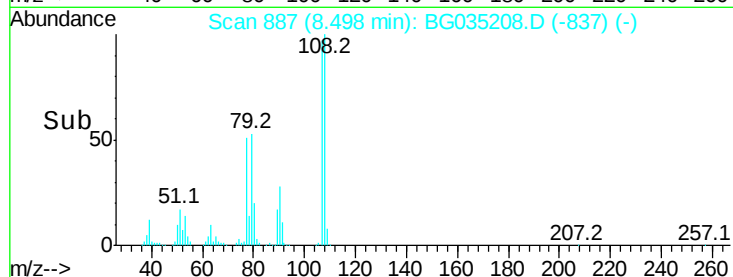
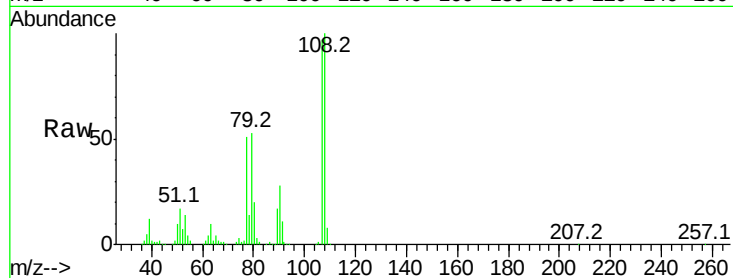
#17
2-Methylphenol
Concen: 47.761 ng
RT: 8.50 min Scan# 887
Delta R.T. -0.01 min
Lab File: BG035208.D
Acq: 16 Jun 2018 15:00

Instrument :
BNA_G
ClientSampleId :
SB-44COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	103.4	83.9	125.9	
77	52.5	37.2	55.8	
79	55.3	36.2	54.2	

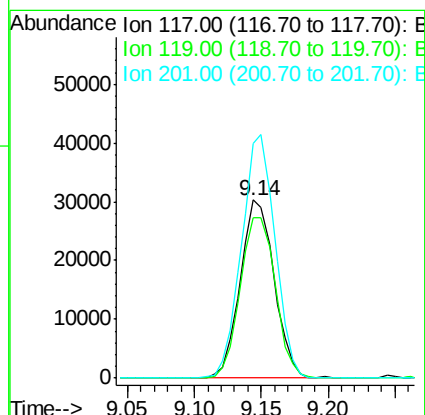
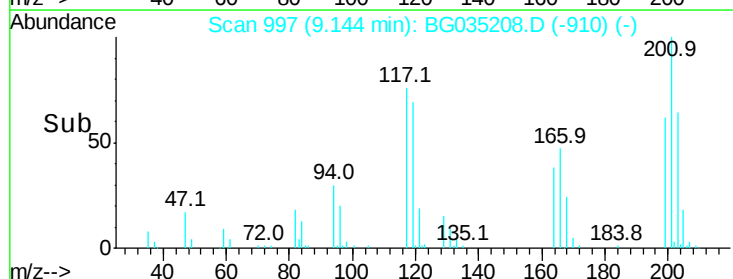
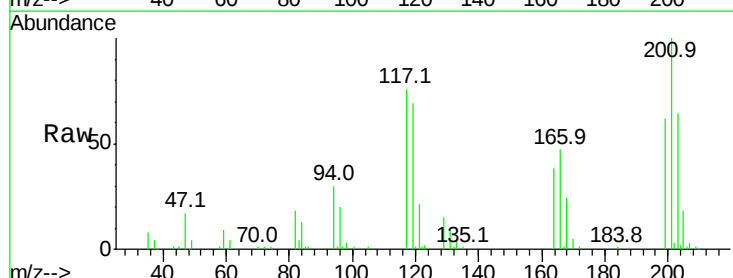
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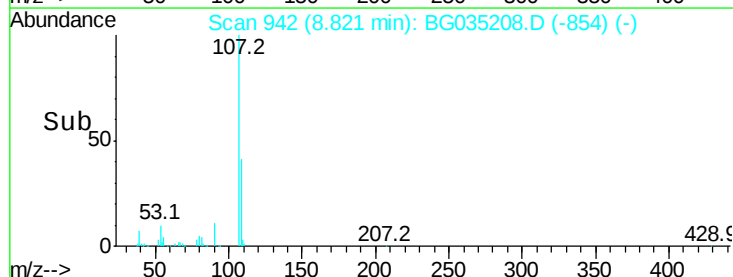
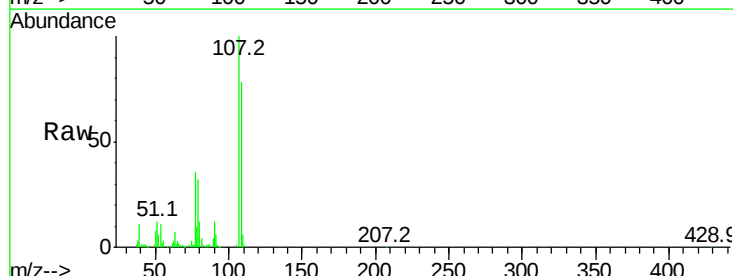
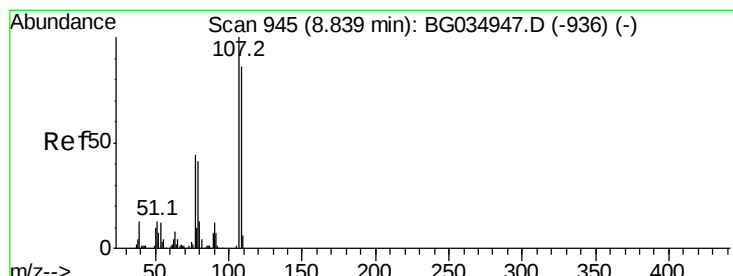
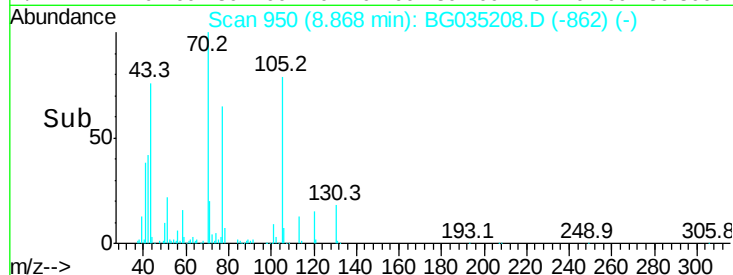
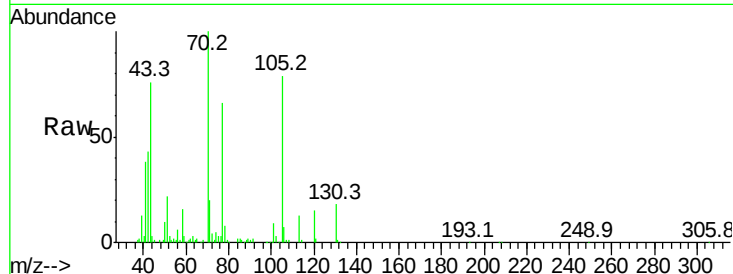
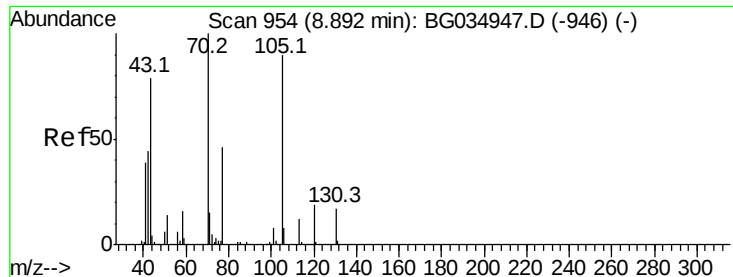
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#18
Hexachloroethane
Concen: 41.079 ng
RT: 9.14 min Scan# 997
Delta R.T. -0.02 min
Lab File: BG035208.D
Acq: 16 Jun 2018 15:00

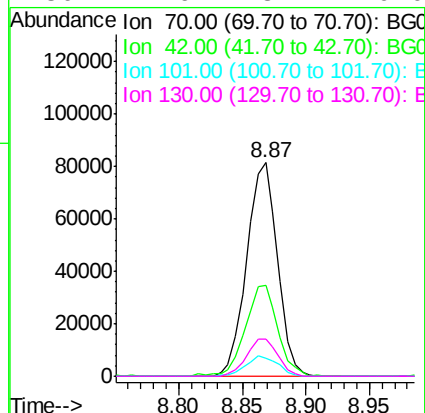
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	90.3	76.7	115.1	
201	131.8	95.7	143.5	





#19
n-Nitroso-di-n-propylamine
Concen: 39.049 ng
RT: 8.87 min Scan# 950
Delta R.T. -0.01 min
Lab File: BG035208.D
Acq: 16 Jun 2018 15:00

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	42.7	49.1	73.7#	
101	8.6	8.5	12.7	
130	17.6	13.4	20.0	



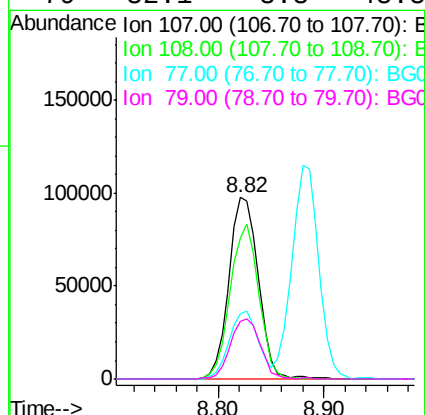
Instrument :
BNA_G
ClientSampleId :
SB-44COMPMSD

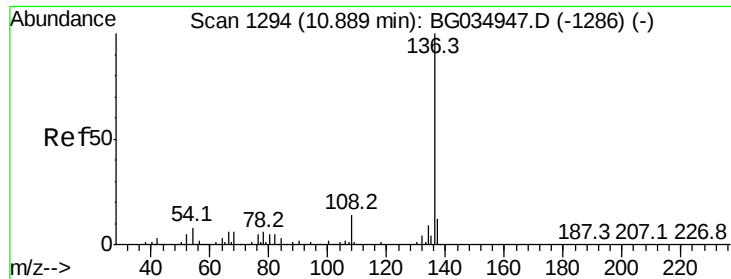
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#20
3+4-Methylphenols
Concen: 46.384 ng
RT: 8.82 min Scan# 942
Delta R.T. -0.01 min
Lab File: BG035208.D
Acq: 16 Jun 2018 15:00

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	78.0	61.6	101.6	
77	35.8	13.9	53.9	
79	32.1	8.8	48.8	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1290

Delta R.T. -0.02 min

Lab File: BG035208.D

Acq: 16 Jun 2018 15:00

Instrument :

BNA_G

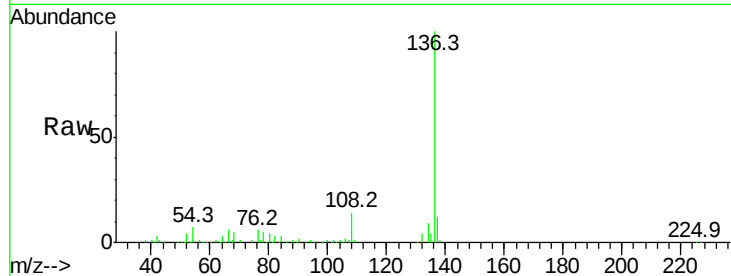
ClientSampleId :

SB-44COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	185729		
137	11.6	9.2	13.8	
54	6.7	10.3	15.5	
68	5.1	4.5	6.7	

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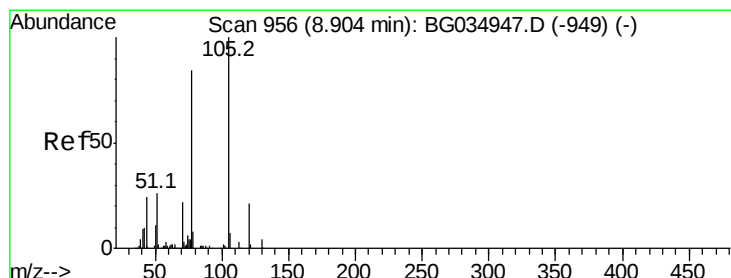
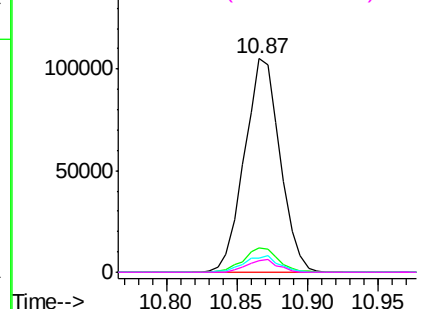
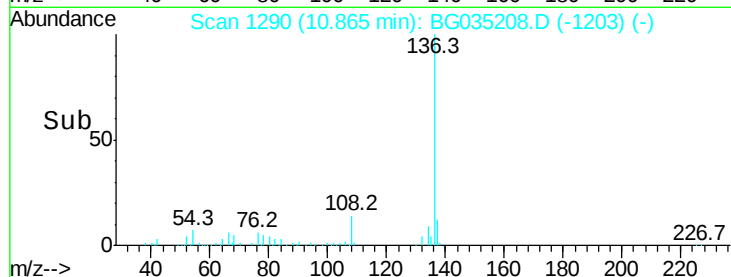


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 42.826 ng

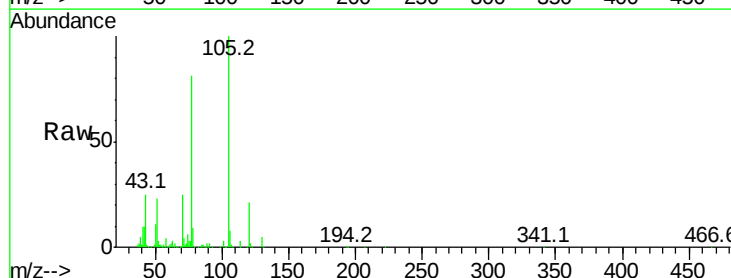
RT: 8.88 min Scan# 952

Delta R.T. -0.02 min

Lab File: BG035208.D

Acq: 16 Jun 2018 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	246392		
71	3.7	3.0	4.4	
51	23.3	26.1	39.1	
120	20.8	17.4	26.2	

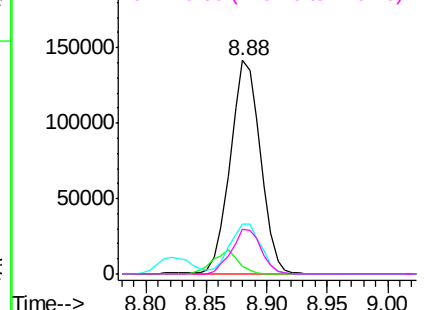
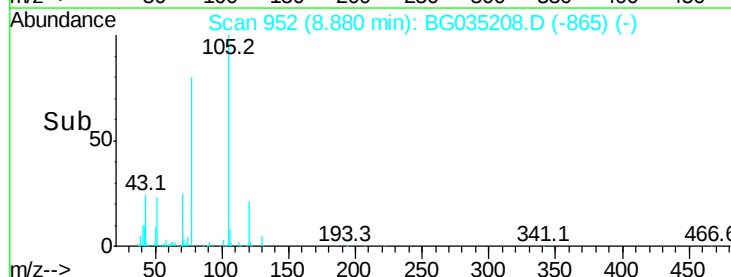


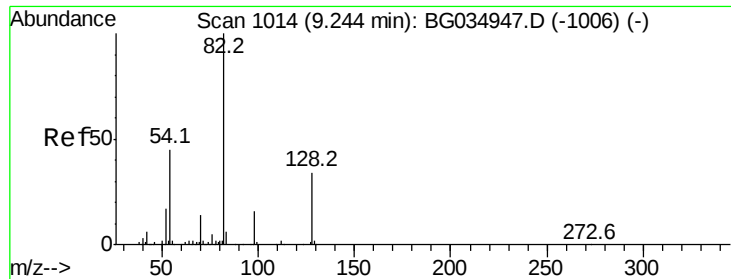
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





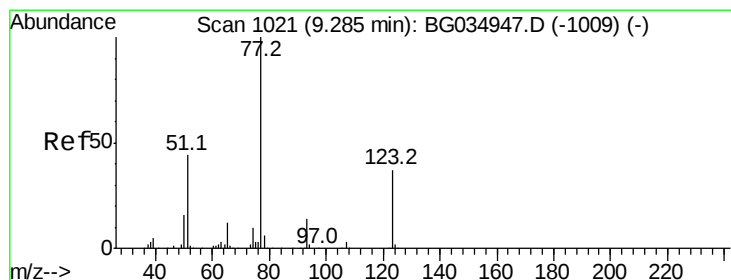
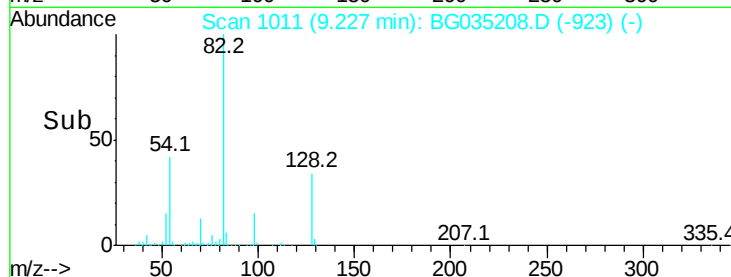
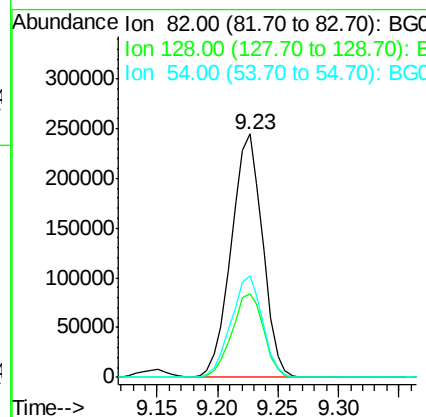
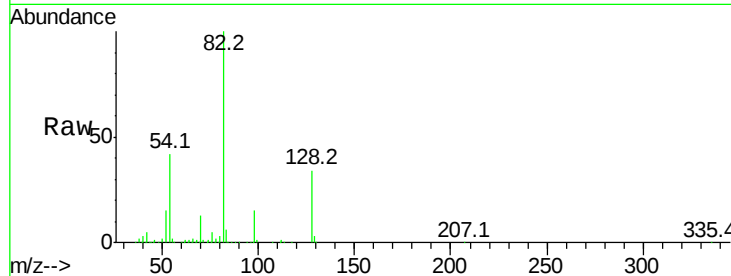
#23
Nitrobenzene-d5
Concen: 112.859 ng
RT: 9.23 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BG035208.D
Acq: 16 Jun 2018 15:00

Instrument :
BNA_G
ClientSampleId :
SB-44COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	34.2	29.7	44.5	
54	42.0	43.1	64.7	

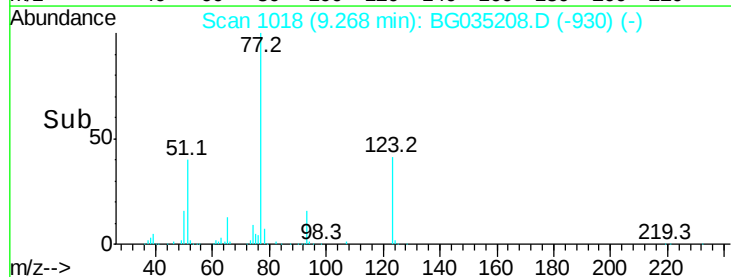
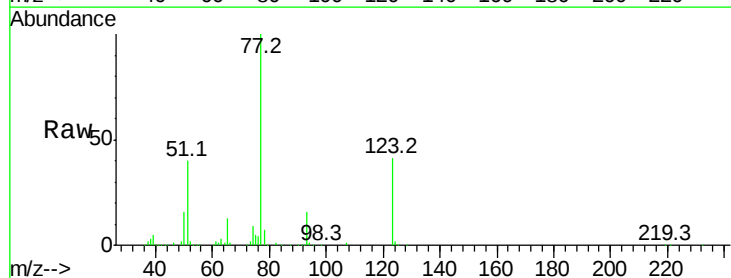
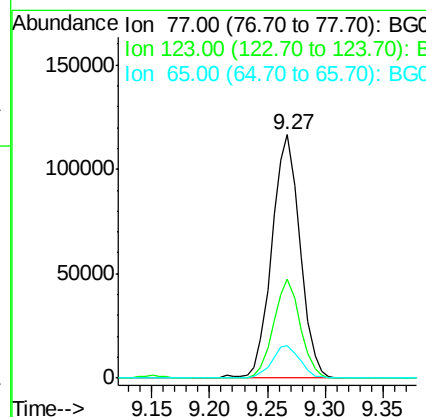
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#24
Nitrobenzene
Concen: 49.623 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BG035208.D
Acq: 16 Jun 2018 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	40.7	33.0	49.6	
65	13.5	13.0	19.6	





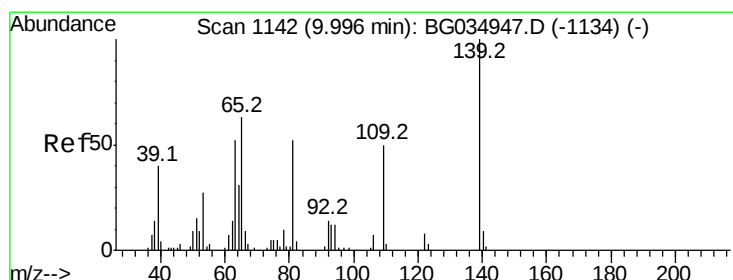
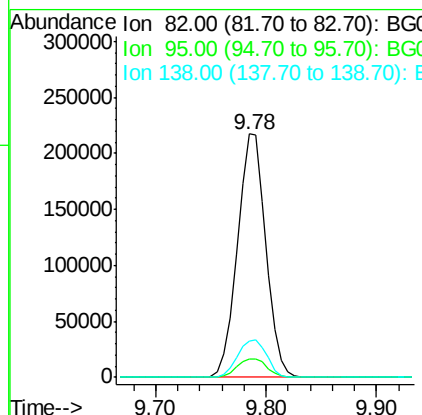
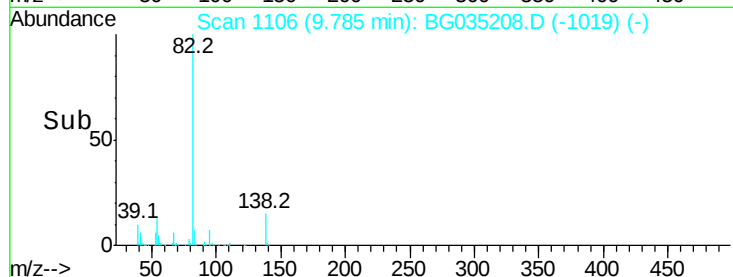
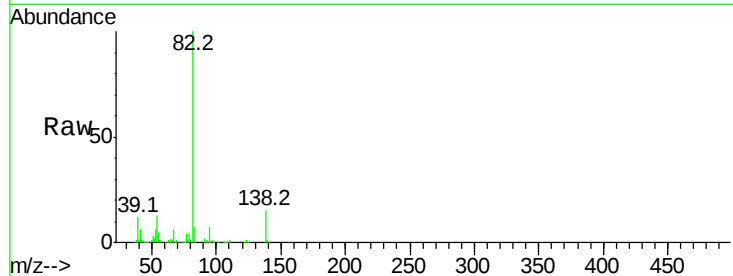
#25
Isophorone
Concen: 47.463 ng
RT: 9.78 min Scan# 1106
Delta R.T. -0.02 min
Lab File: BG035208.D
Acq: 16 Jun 2018 15:00

Instrument :
BNA_G
ClientSampleId :
SB-44COMPMSD

Tot Ion	Ratio	Resp Lower	Upper
82	100		
95	7.4	6.2	9.2
138	14.9	12.1	18.1

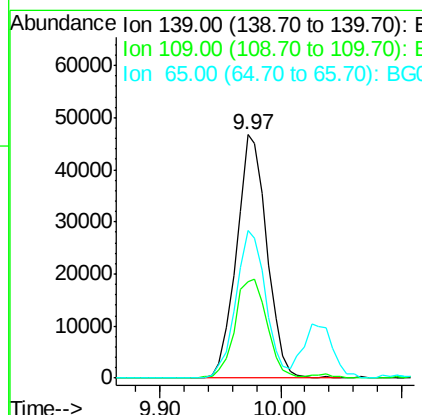
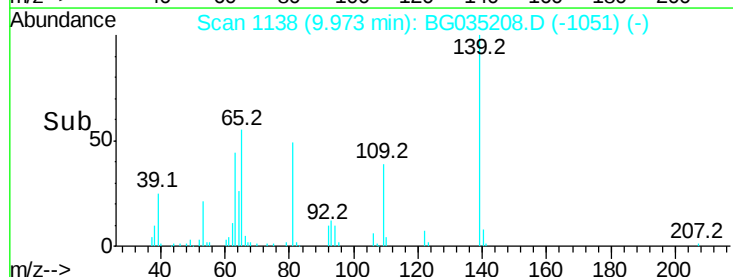
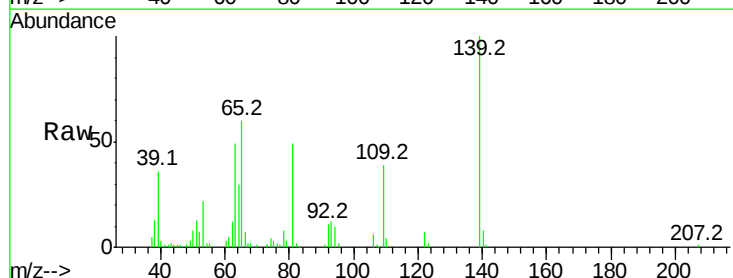
Manual Integrations
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#26
2-Nitrophenol
Concen: 59.327 ng
RT: 9.97 min Scan# 1138
Delta R.T. -0.02 min
Lab File: BG035208.D
Acq: 16 Jun 2018 15:00

Tgt Ion	Ratio	Resp Lower	Upper
139	100		
109	39.5	24.2	36.2#
65	60.4	47.4	71.0





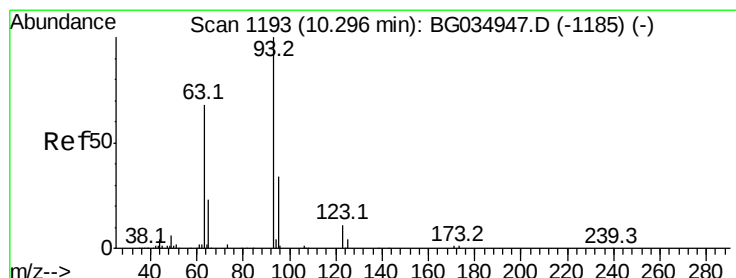
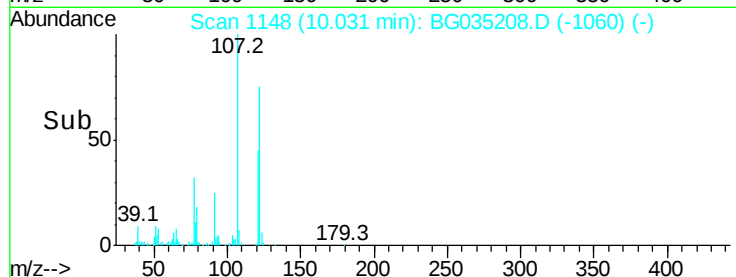
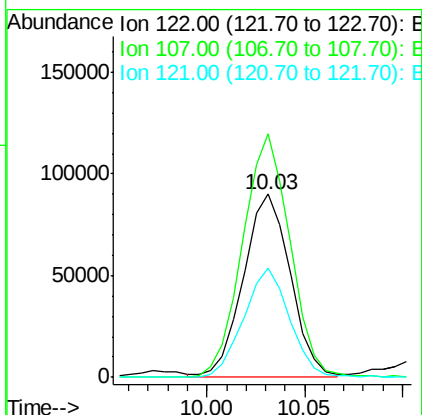
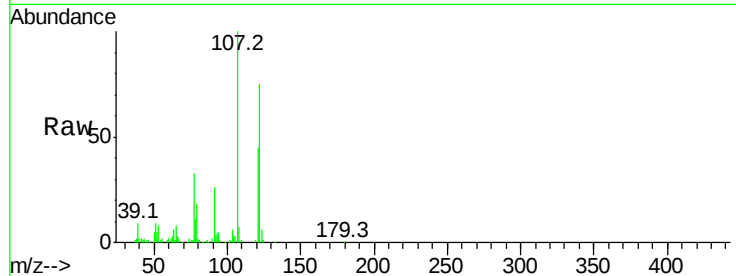
#27
 2,4-Dimethylphenol
 Concen: 51.625 ng
 RT: 10.03 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BG035208.D
 Acq: 16 Jun 2018 15:00

Instrument :
 BNA_G
 ClientSampleId :
 SB-44COMPMSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	132.7	100.2	150.2
121	59.5	44.4	66.6

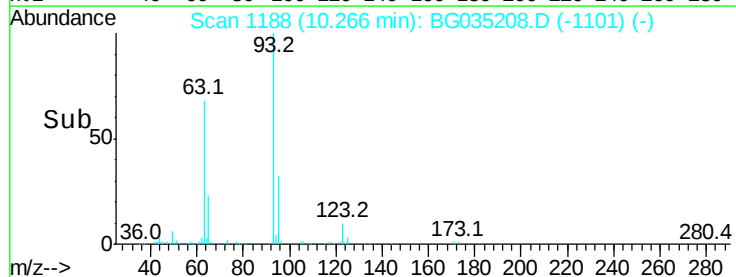
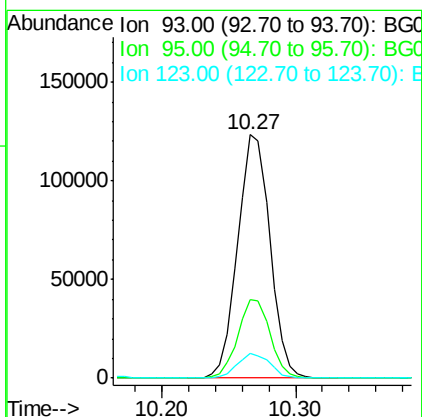
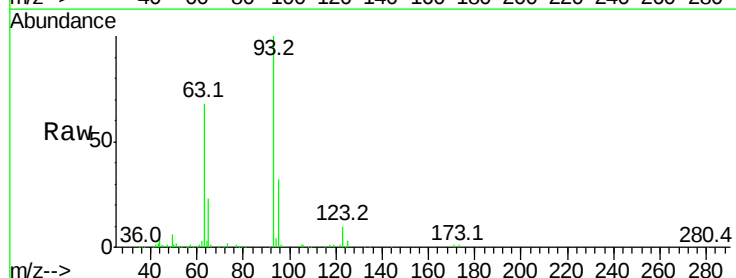
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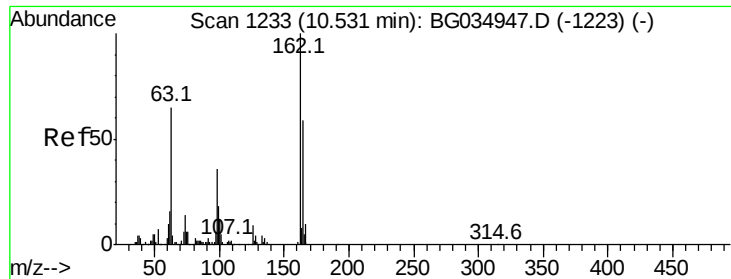
Sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 46.515 ng
 RT: 10.27 min Scan# 1188
 Delta R.T. -0.02 min
 Lab File: BG035208.D
 Acq: 16 Jun 2018 15:00

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	24.3	36.5
123	10.2	8.4	12.6





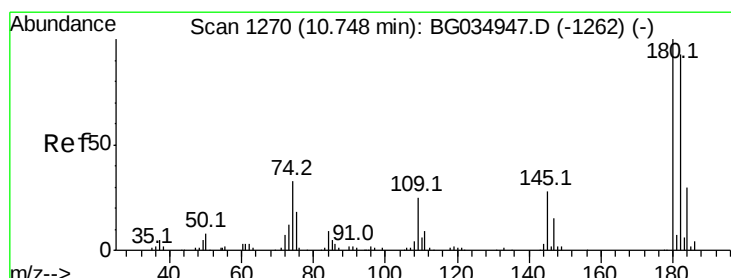
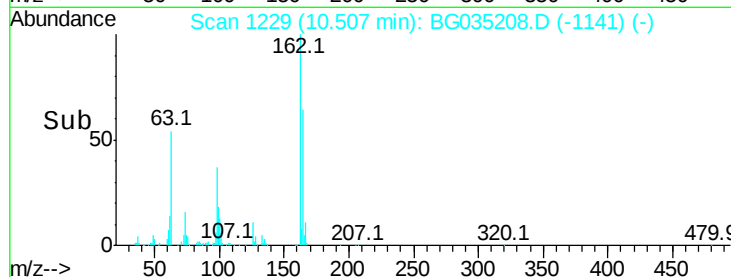
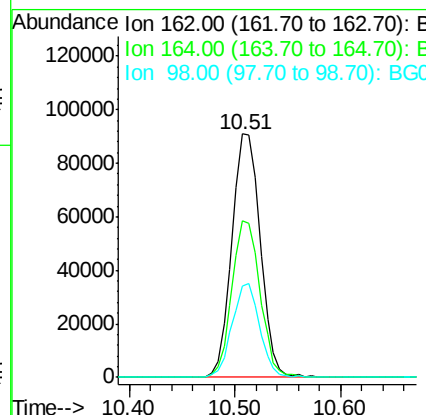
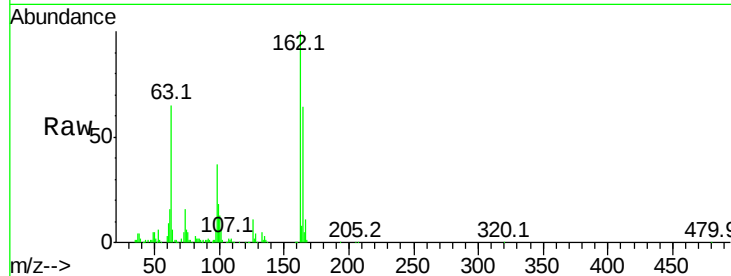
#29
2,4-Dichlorophenol
Concen: 53.646 ng
RT: 10.51 min Scan# 1229
Delta R.T. -0.01 min
Lab File: BG035208.D
Acq: 16 Jun 2018 15:00

Instrument :
BNA_G
ClientSampleId :
SB-44COMPMSD

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.4	48.0	88.0
98	37.4	21.1	61.1

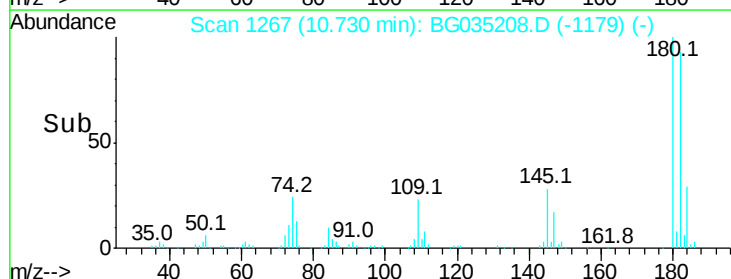
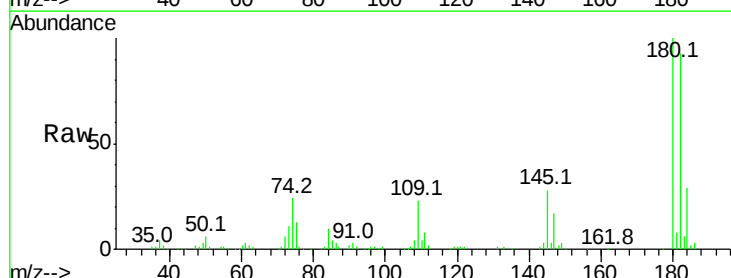
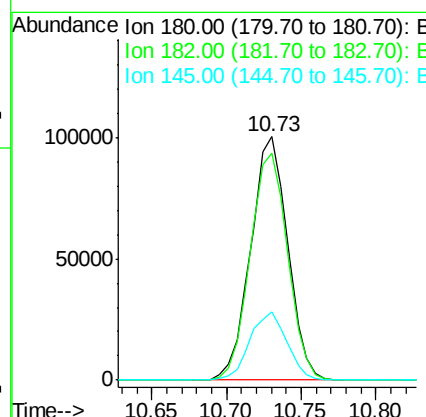
Manual Integrations
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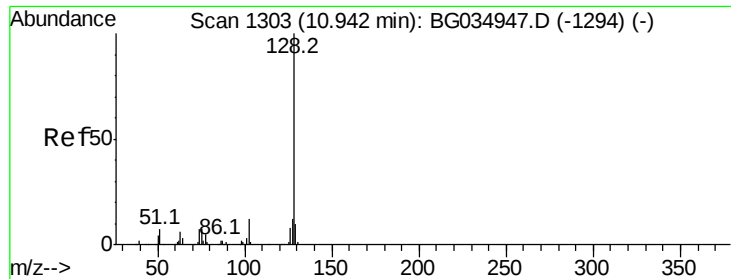
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#30
1,2,4-Trichlorobenzene
Concen: 45.259 ng
RT: 10.73 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BG035208.D
Acq: 16 Jun 2018 15:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	93.4	77.5	116.3
145	27.8	23.4	35.2





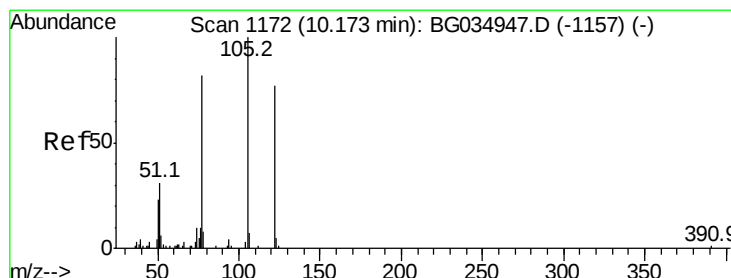
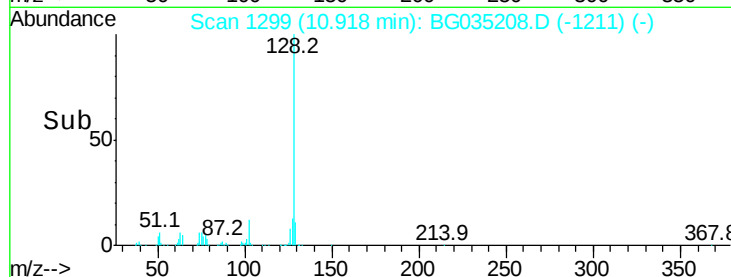
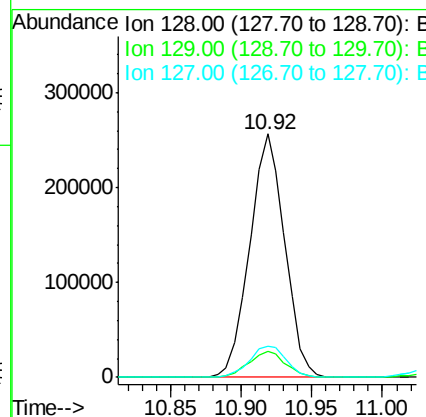
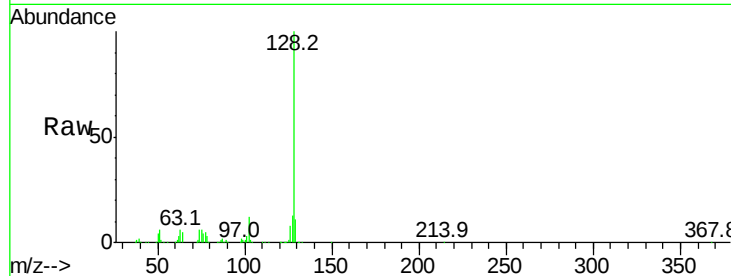
#31
Naphthalene
Concen: 46.133 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG035208.D
Acq: 16 Jun 2018 15:00

Instrument :
BNA_G
ClientSampleId :
SB-44COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	445112		
129	10.6		8.6	12.8
127	12.9		11.6	17.4

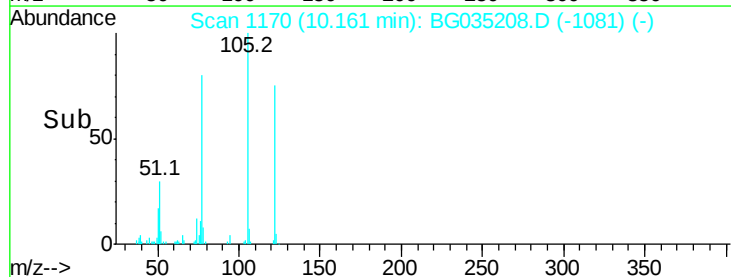
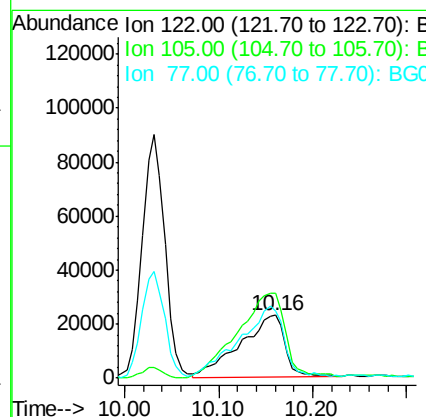
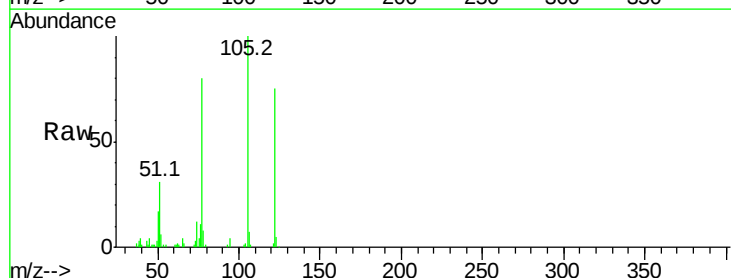
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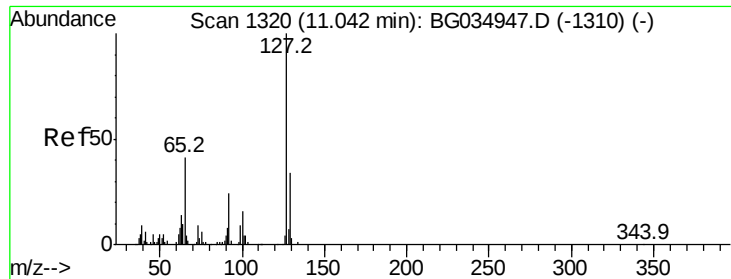
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#32
Benzoic acid
Concen: 38.761 ng
RT: 10.16 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BG035208.D
Acq: 16 Jun 2018 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	75261		
105	133.9		123.5	163.5
77	106.8		85.7	125.7





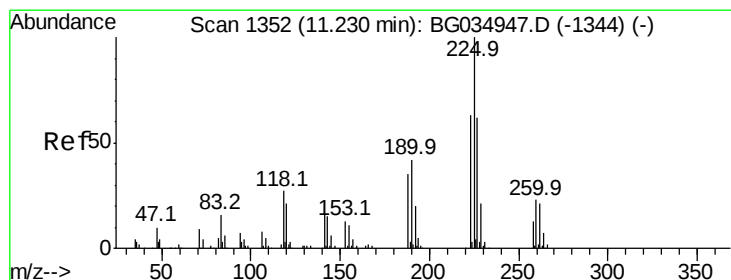
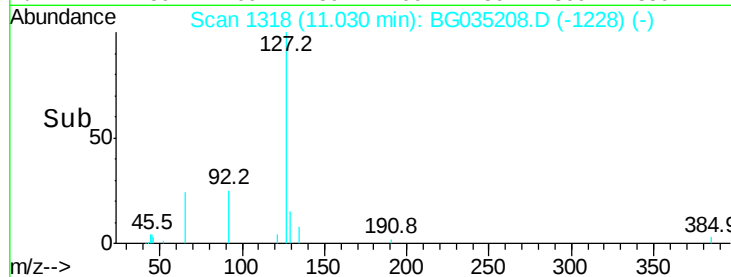
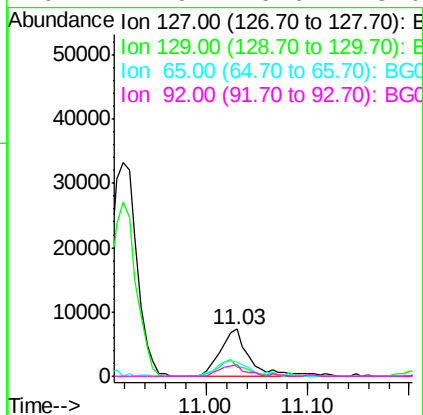
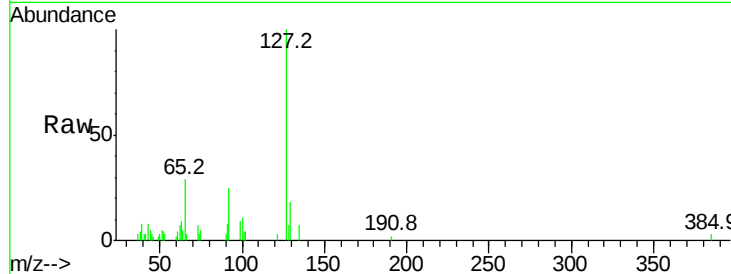
#33
4-Chloroaniline
Concen: 3.555 ng
RT: 11.03 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BG035208.D
Acq: 16 Jun 2018 15:00

Instrument :
BNA_G
ClientSampleId :
SB-44COMPMSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	18.1	24.0	36.0#
65	29.1	27.0	40.4
92	24.9	16.6	25.0

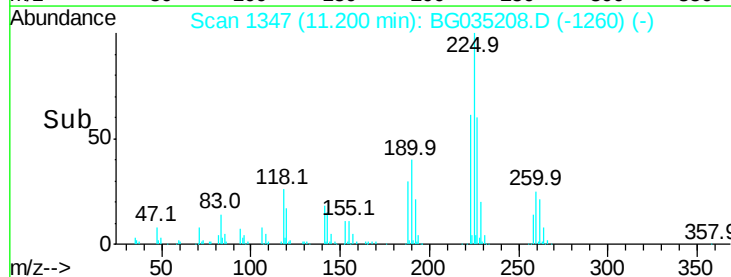
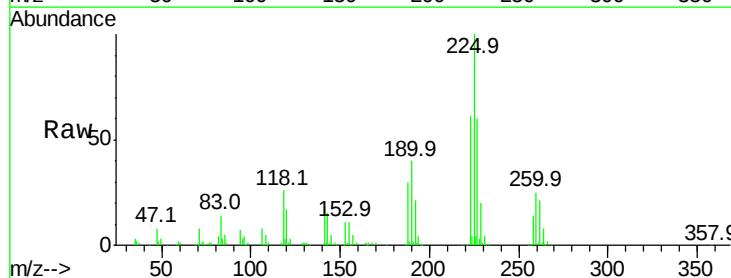
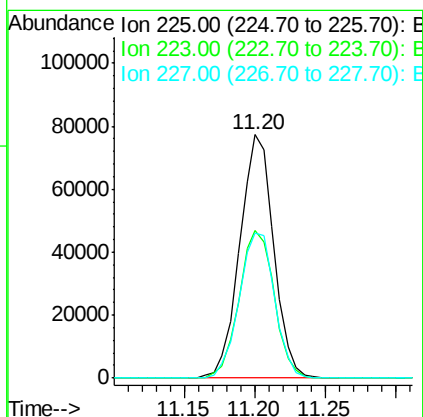
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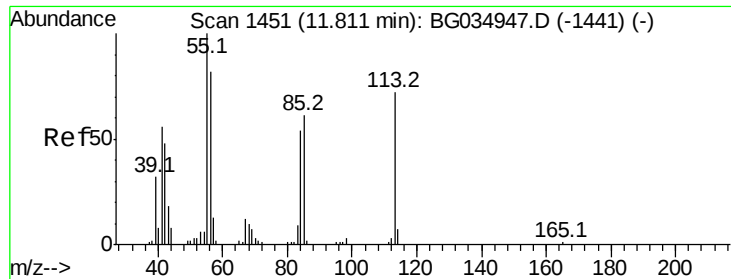
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#34
Hexachlorobutadiene
Concen: 44.002 ng
RT: 11.20 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BG035208.D
Acq: 16 Jun 2018 15:00

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.6	49.7	74.5
227	59.5	48.1	72.1





#35

Caprolactam

Concen: 33.841 ng/ml

RT: 11.79 min Scan# 1448

Delta R.T. -0.01 min

Lab File: BG035208.D

Acq: 16 Jun 2018 15:00

Instrument :

BNA_G

ClientSampleId :

SB-44COMPMSD

Tot Ion:113 Resp: 39449

Ion Ratio Lower Upper

113 100

55 135.7 186.9 226.9#

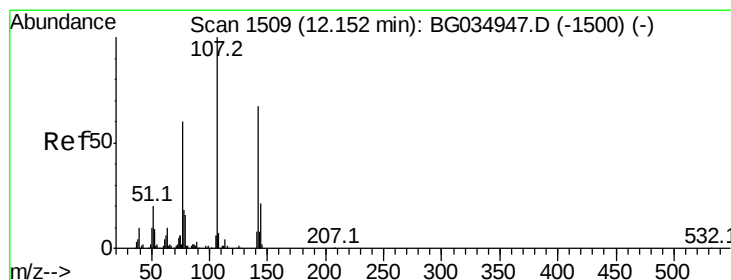
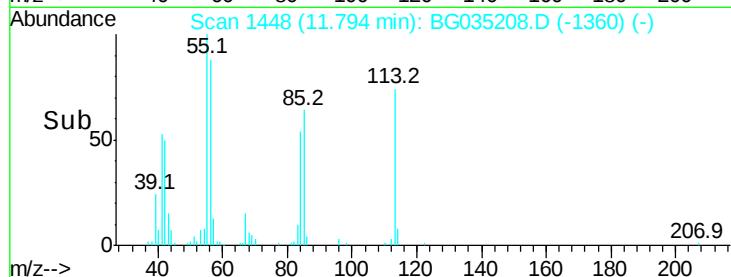
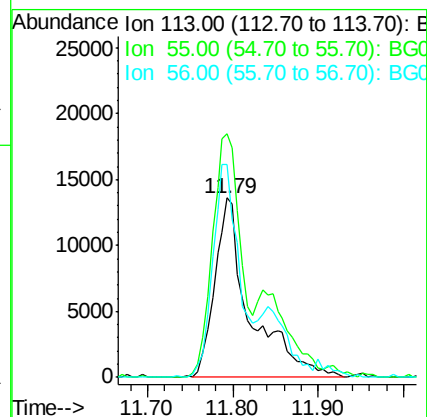
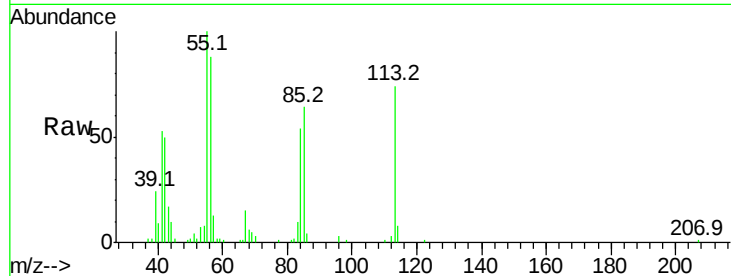
56 118.9 130.9 170.9#

Manual Integrations

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#36

4-Chloro-3-methylphenol

Concen: 53.995 ng/ml

RT: 12.13 min Scan# 1506

Delta R.T. -0.01 min

Lab File: BG035208.D

Acq: 16 Jun 2018 15:00

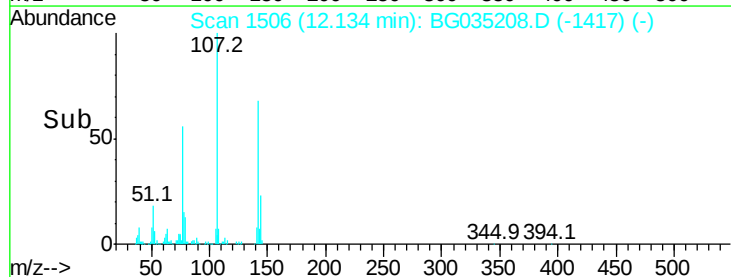
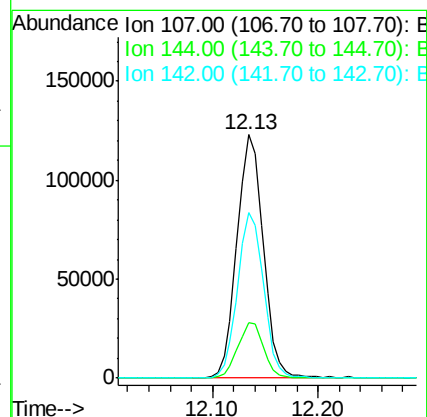
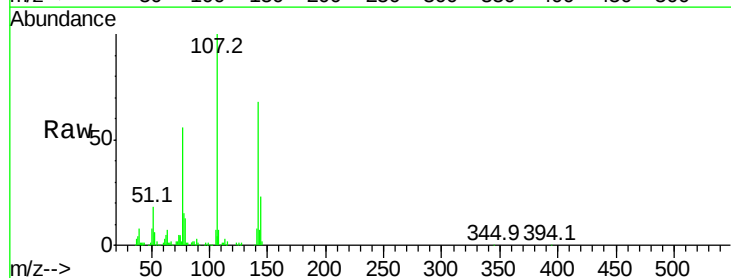
Tgt Ion:107 Resp: 212304

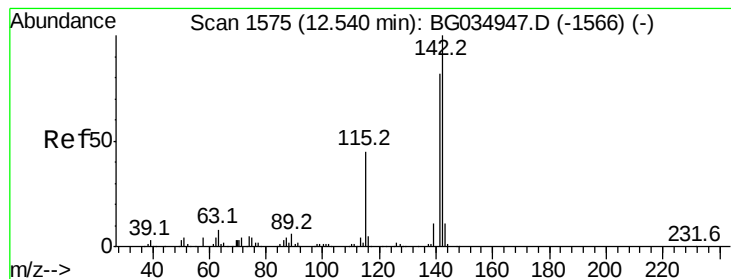
Ion Ratio Lower Upper

107 100

144 22.8 18.2 27.4

142 68.1 59.0 88.4





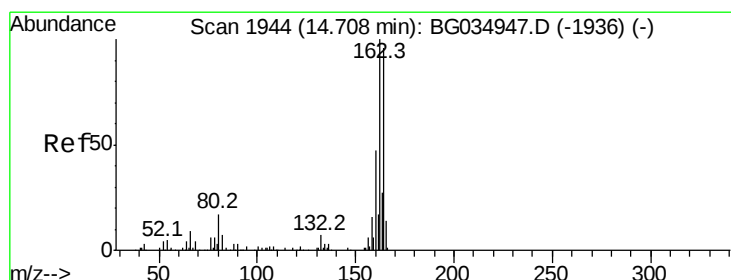
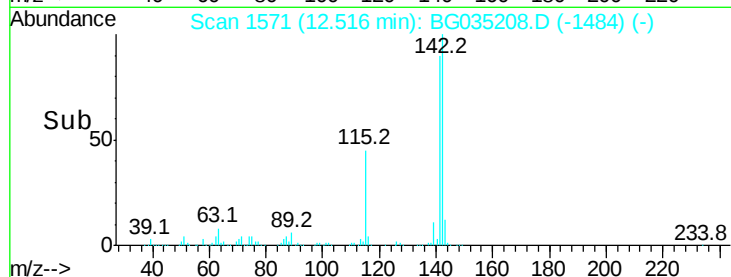
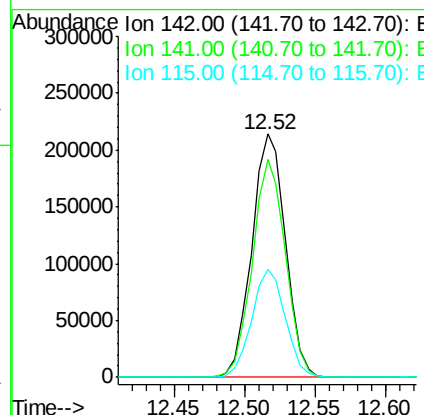
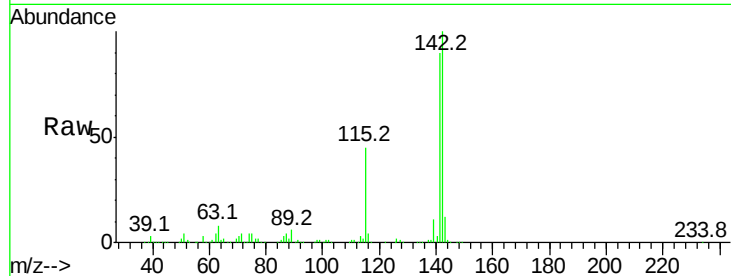
#37
2-Methylnaphthalene
Concen: 48.918 ng
RT: 12.52 min Scan# 1571
Delta R.T. -0.02 min
Lab File: BG035208.D
Acq: 16 Jun 2018 15:00

Instrument :
BNA_G
ClientSampleId :
SB-44COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	357834		
141	89.8	67.1	100.7	
115	44.5	30.7	46.1	

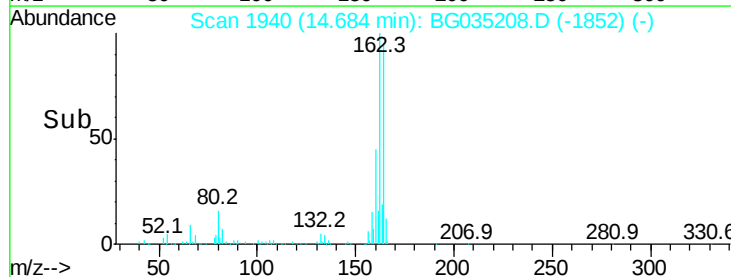
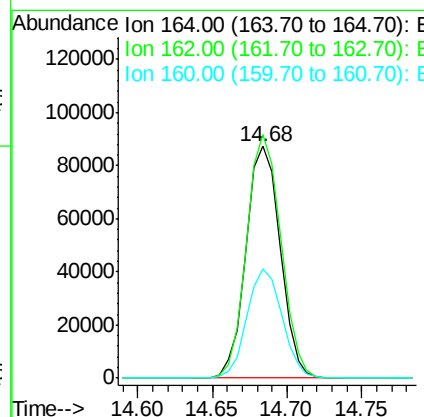
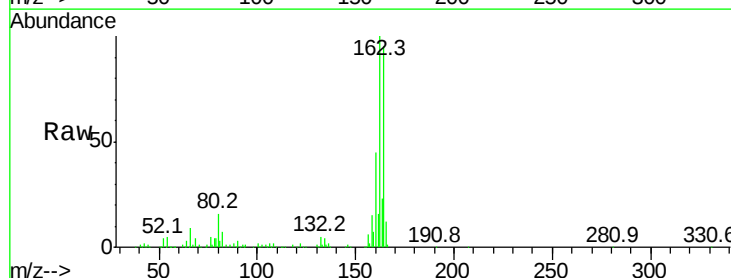
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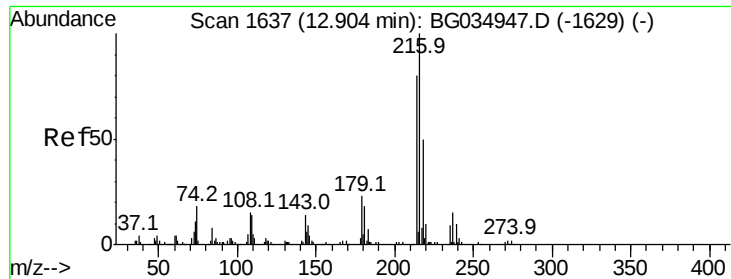
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG035208.D
Acq: 16 Jun 2018 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	138358		
162	105.1	78.8	118.2	
160	47.1	35.4	53.0	





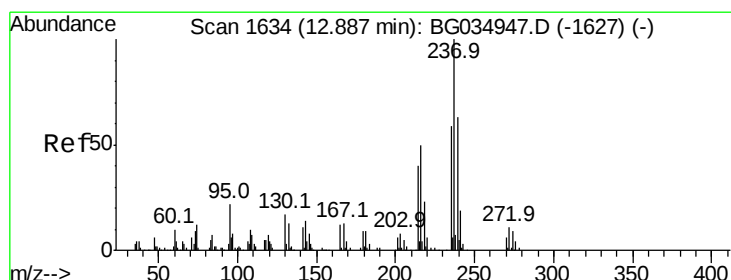
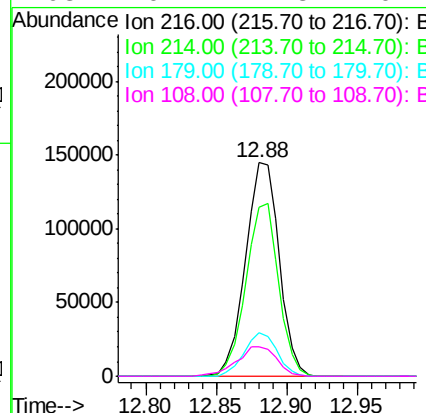
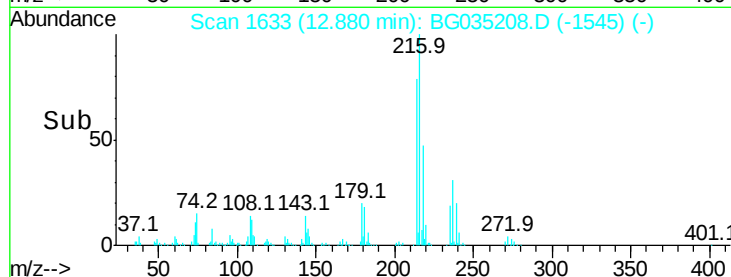
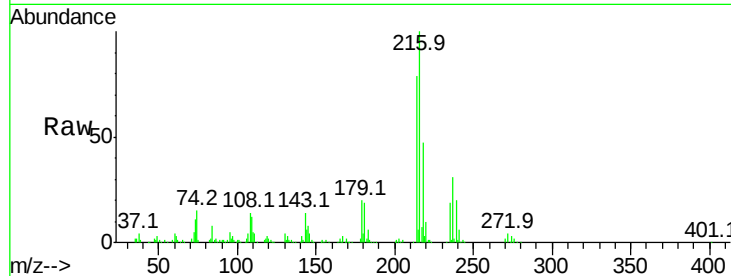
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.035 ng
 RT: 12.88 min Scan# 1633
 Delta R.T. -0.01 min
 Lab File: BG035208.D
 Acq: 16 Jun 2018 15:00

Instrument :
 BNA_G
 ClientSampleId :
 SB-44COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	242396		
214	78.3	63.0	94.4	
179	19.8	17.0	25.6	
108	16.4	12.8	19.2	

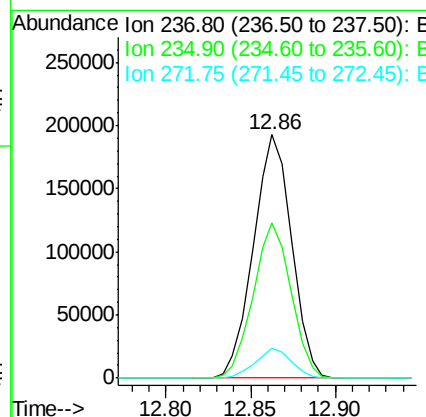
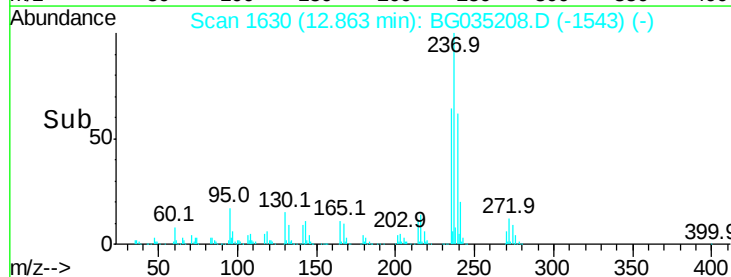
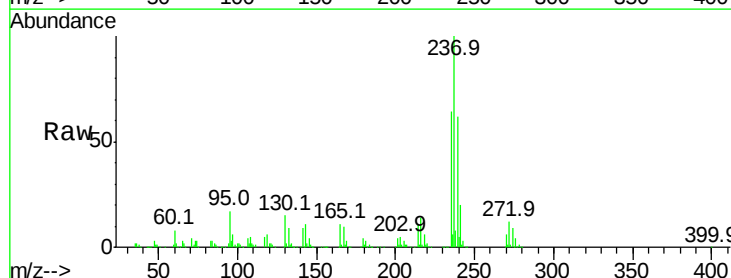
Manual Integrations
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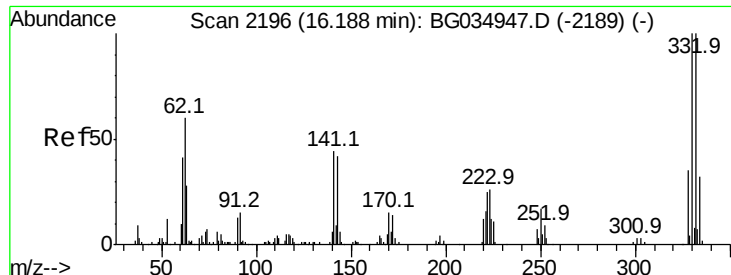
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#40
 Hexachlorocyclopentadiene
 Concen: 93.492 ng
 RT: 12.86 min Scan# 1630
 Delta R.T. -0.02 min
 Lab File: BG035208.D
 Acq: 16 Jun 2018 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	302142		
235	63.7	50.4	90.4	
272	12.3	0.0	31.8	





#41

2,4,6-Tribromophenol

Concen: 186.245 ng

RT: 16.18 min Scan# 2194

Delta R.T. -0.01 min

Lab File: BG035208.D

Acq: 16 Jun 2018 15:00

Instrument :

BNA_G

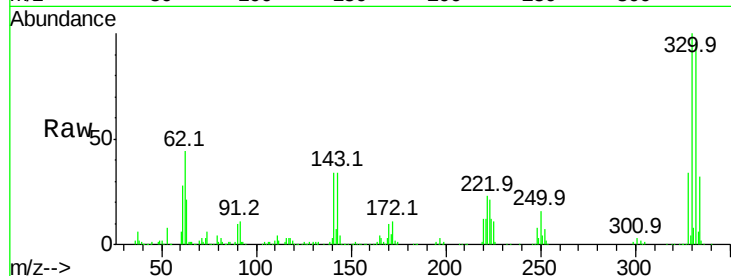
ClientSampleId :

SB-44COMPMSD

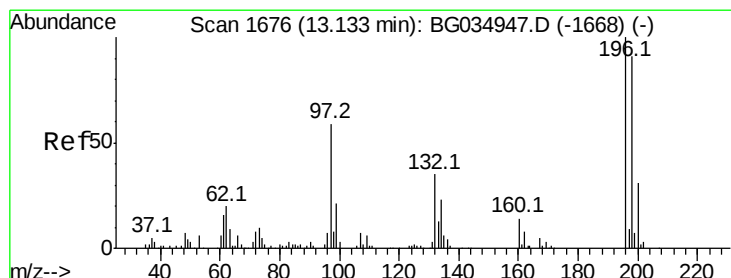
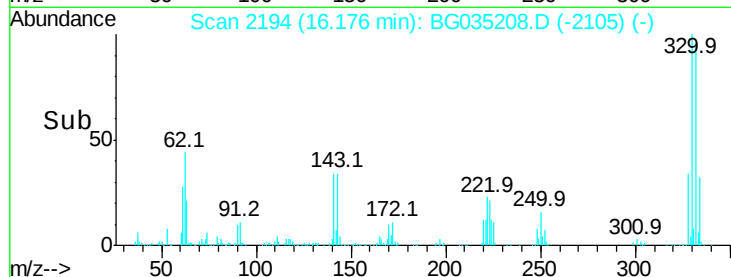
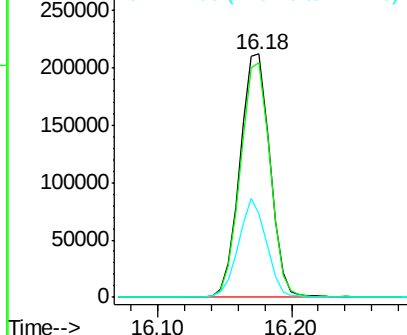
Tot Ion:	330	Resp:	329869
Ion Ratio	Lower	Upper	
330	100		
332	95.4	77.0	115.6
141	37.7	25.2	37.8

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



#42

2,4,6-Trichlorophenol

Concen: 54.103 ng

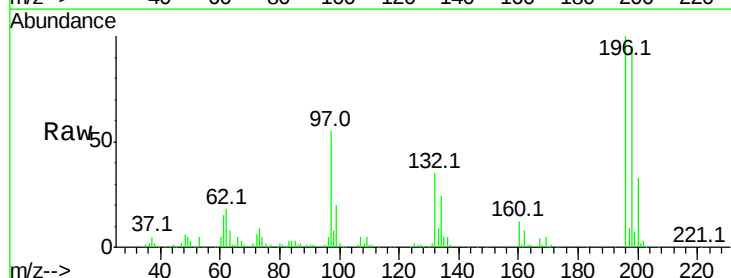
RT: 13.12 min Scan# 1673

Delta R.T. -0.01 min

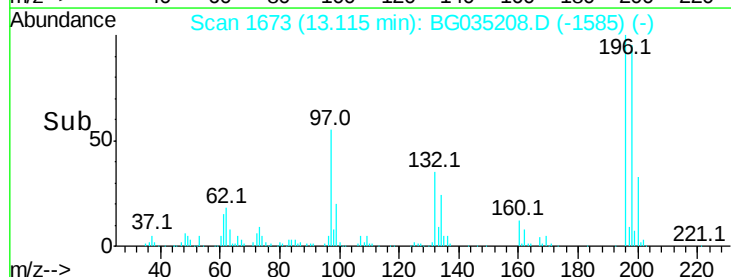
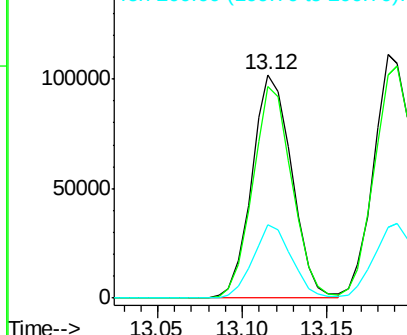
Lab File: BG035208.D

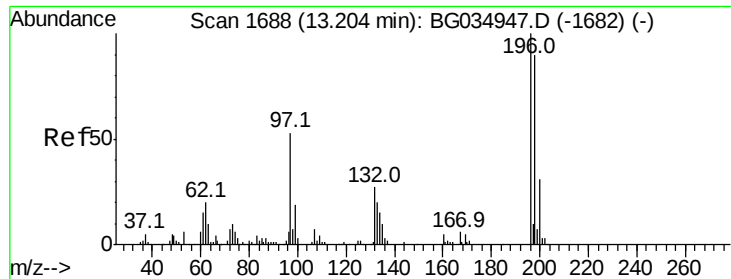
Acq: 16 Jun 2018 15:00

Tgt Ion:	196	Resp:	166953
Ion Ratio	Lower	Upper	
196	100		
198	94.9	78.2	117.2
200	32.9	24.6	36.8



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





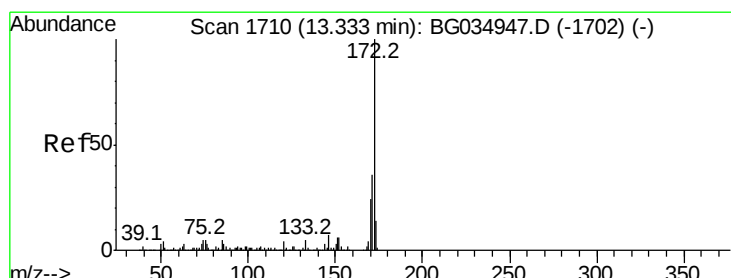
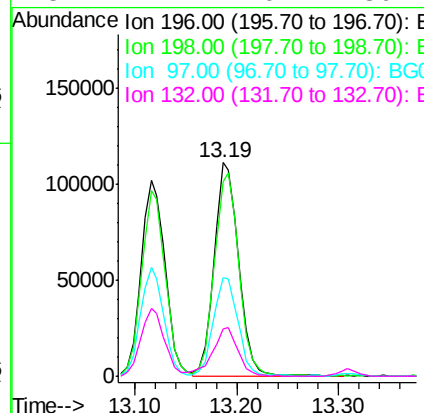
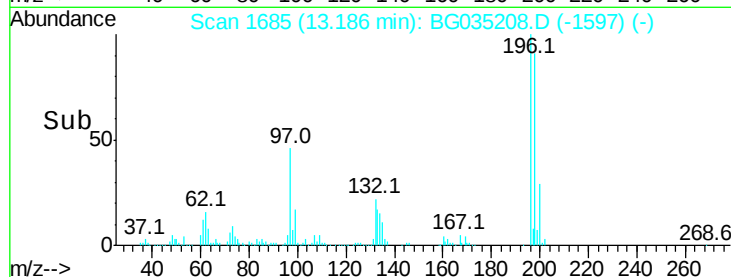
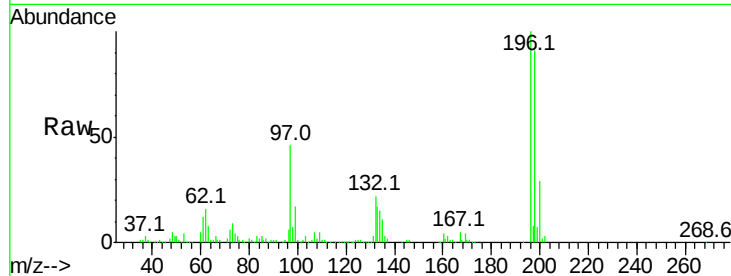
#43
2,4,5-Trichlorophenol
Concen: 55.039 ng
RT: 13.19 min Scan# 1685
Delta R.T. -0.01 min
Lab File: BG035208.D
Acq: 16 Jun 2018 15:00

Instrument :
BNA_G
ClientSampleId :
SB-44COMPMSD

Tot Ion:	196	Resp:	186414
Ion Ratio	Lower	Upper	
196	100		
198	91.4	76.2	114.4
97	46.2	38.7	58.1
132	22.1	20.2	30.2

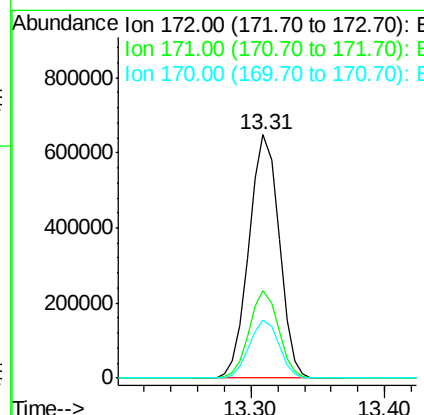
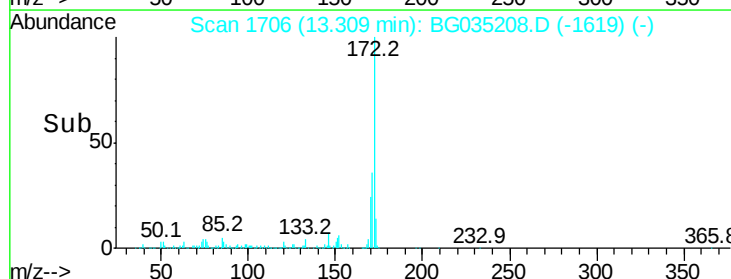
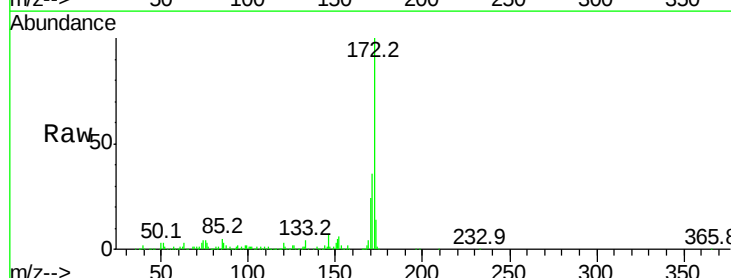
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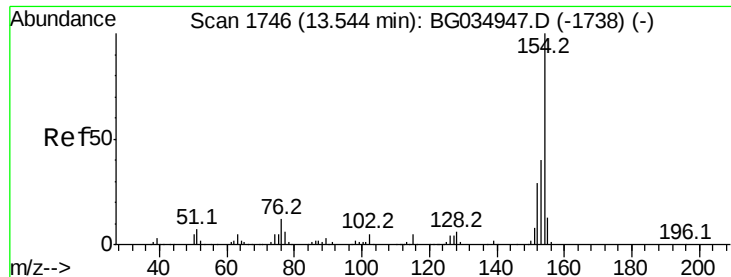
Sohil
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#44
2-Fluorobiphenyl
Concen: 94.759 ng
RT: 13.31 min Scan# 1706
Delta R.T. -0.02 min
Lab File: BG035208.D
Acq: 16 Jun 2018 15:00

Tgt Ion:	172	Resp:	1008515
Ion Ratio	Lower	Upper	
172	100		
171	36.1	30.0	45.0
170	23.7	19.5	29.3





#45

1,1'-Biphenyl

Concen: 44.347 ng

RT: 13.52 min Scan# 1742

Delta R.T. -0.01 min

Lab File: BG035208.D

Acq: 16 Jun 2018 15:00

Instrument :

BNA_G

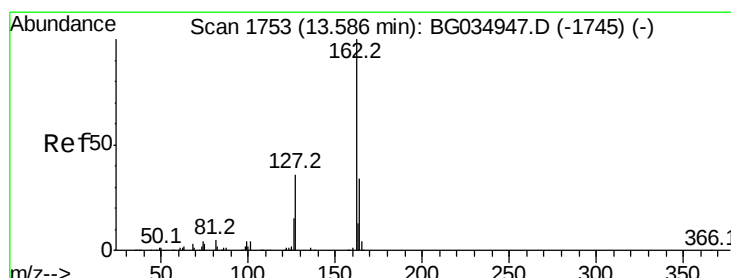
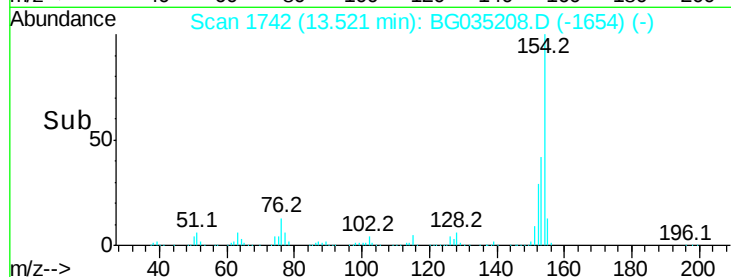
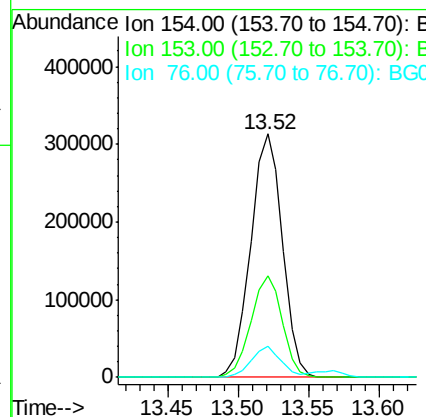
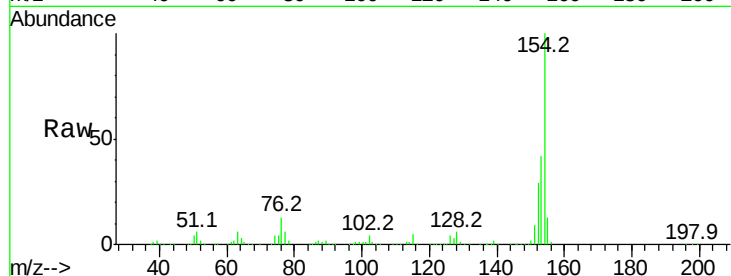
ClientSampleId :

SB-44COMPMSD

Tot Ion:	154	Resp:	493378
Ion Ratio	Lower	Upper	
154	100		
153	41.6	19.8	59.8
76	12.7	0.0	31.9

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#46

2-Chloronaphthalene

Concen: 46.222 ng

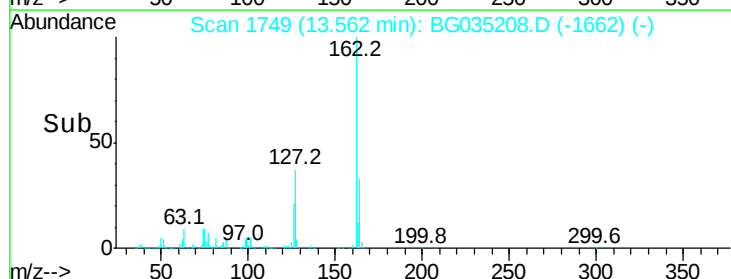
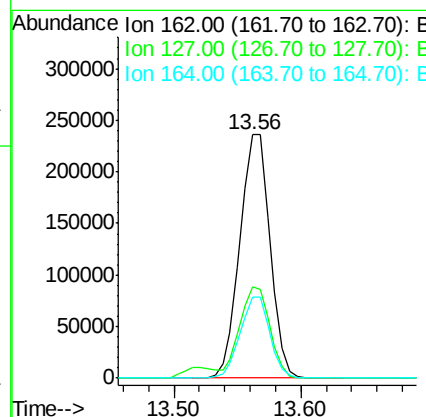
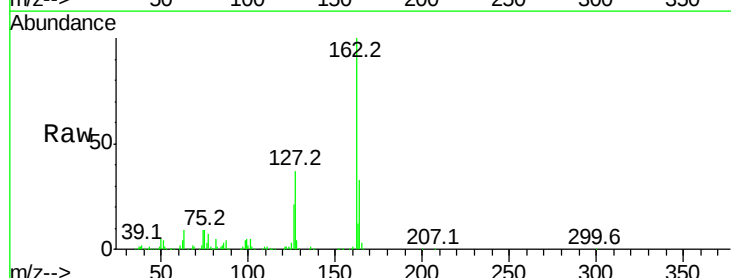
RT: 13.56 min Scan# 1749

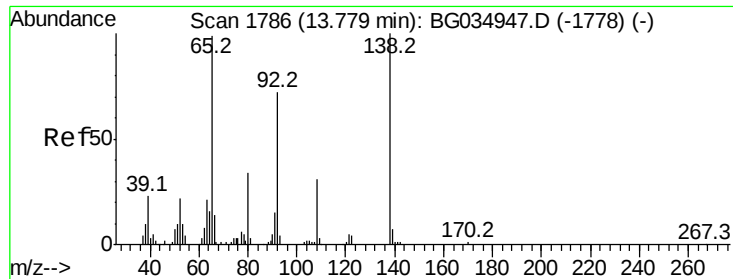
Delta R.T. -0.02 min

Lab File: BG035208.D

Acq: 16 Jun 2018 15:00

Tgt Ion:	162	Resp:	388790
Ion Ratio	Lower	Upper	
162	100		
127	37.5	30.7	46.1
164	33.3	26.0	39.0





#47

2-Nitroaniline

Concen: 55.886 ng

RT: 13.76 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BG035208.D

Acq: 16 Jun 2018 15:00

Instrument :

BNA_G

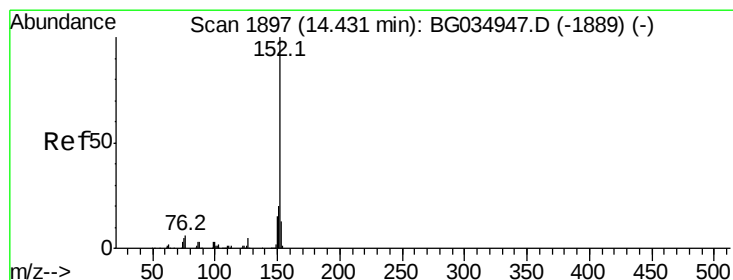
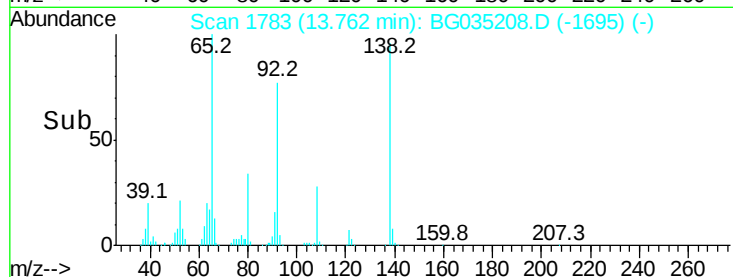
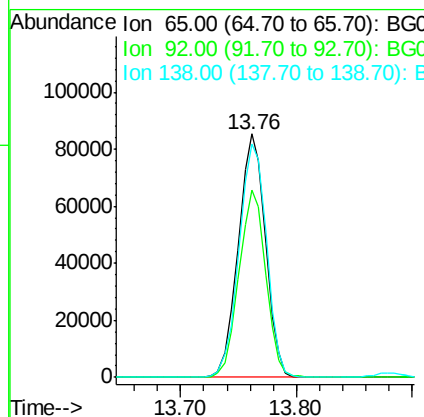
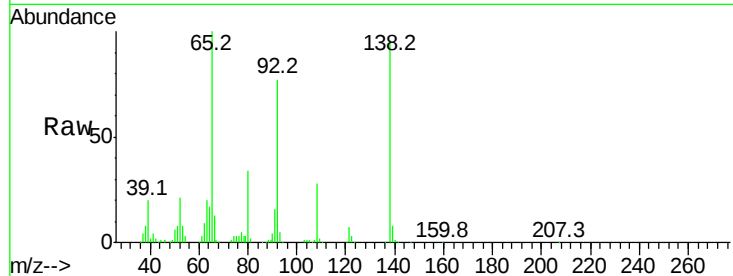
ClientSampleId :

SB-44COMPMSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	76.8	54.6	82.0
138	95.9	72.9	109.3

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#48

Acenaphthylene

Concen: 47.193 ng

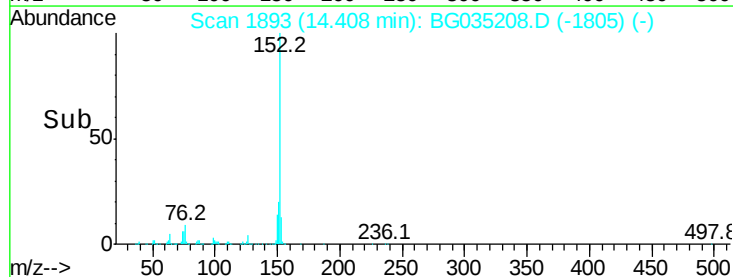
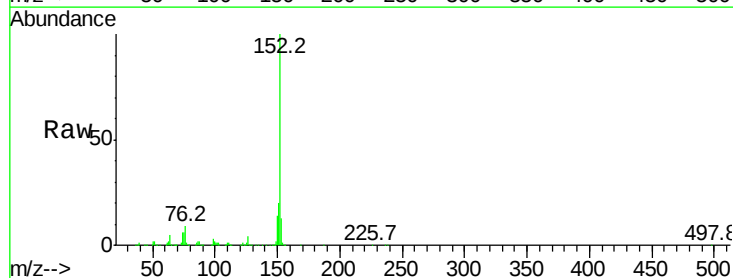
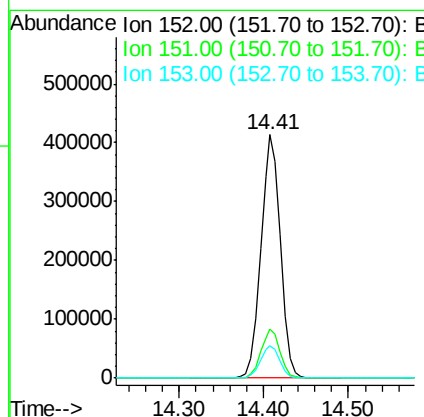
RT: 14.41 min Scan# 1893

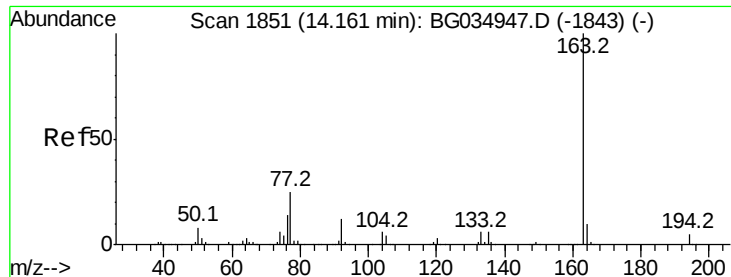
Delta R.T. -0.01 min

Lab File: BG035208.D

Acq: 16 Jun 2018 15:00

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	17.2	25.8
153	13.2	10.2	15.4





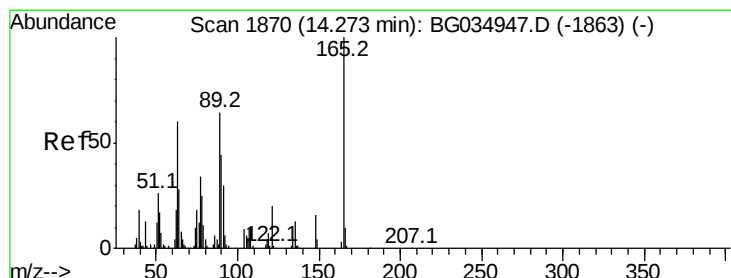
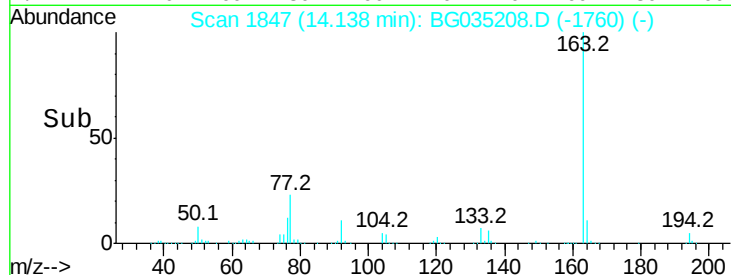
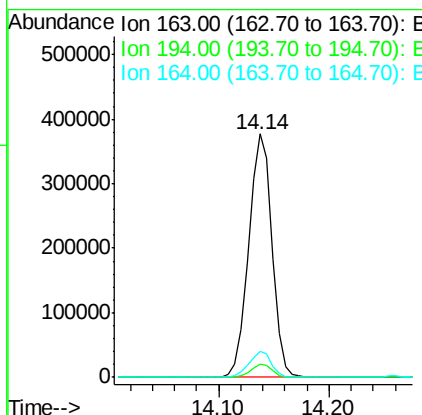
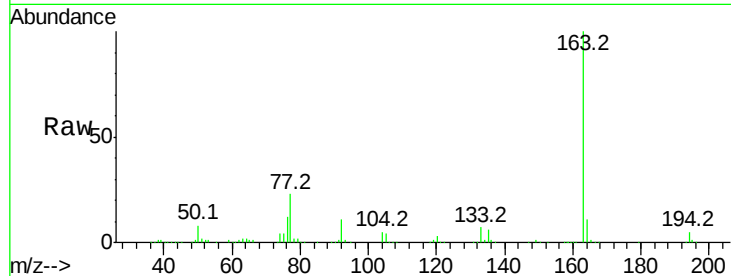
#49
Dimethylphthalate
Concen: 46.085 ng
RT: 14.14 min Scan# 1847
Delta R.T. -0.02 min
Lab File: BG035208.D
Acq: 16 Jun 2018 15:00

Instrument :
BNA_G
ClientSampleId :
SB-44COMPMSD

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

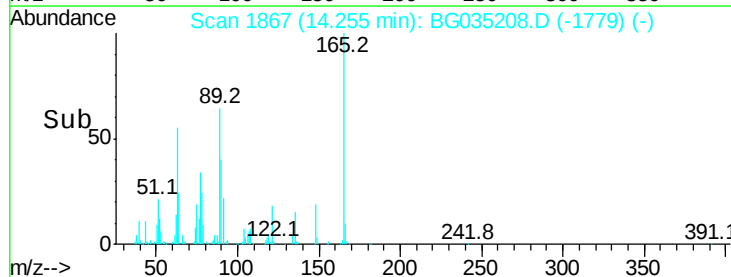
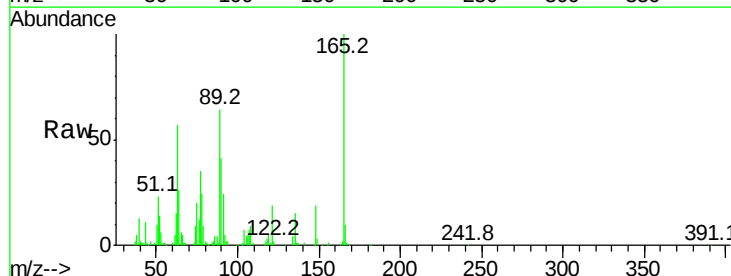
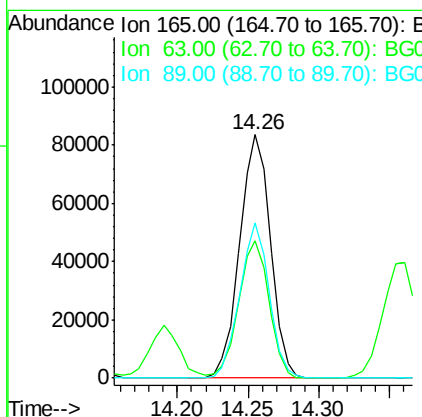
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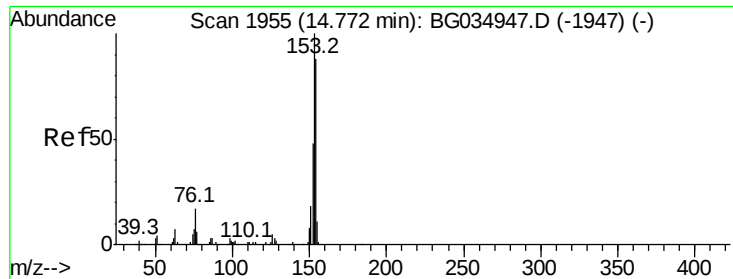
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#50
2,6-Dinitrotoluene
Concen: 57.808 ng
RT: 14.26 min Scan# 1867
Delta R.T. -0.01 min
Lab File: BG035208.D
Acq: 16 Jun 2018 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	56.6	52.7	79.1	
89	63.6	49.2	73.8	





#51

Acenaphthene

Concen: 43.931 ng

RT: 14.75 min Scan# 1951

Delta R.T. -0.01 min

Lab File: BG035208.D

Acq: 16 Jun 2018 15:00

Instrument :

BNA_G

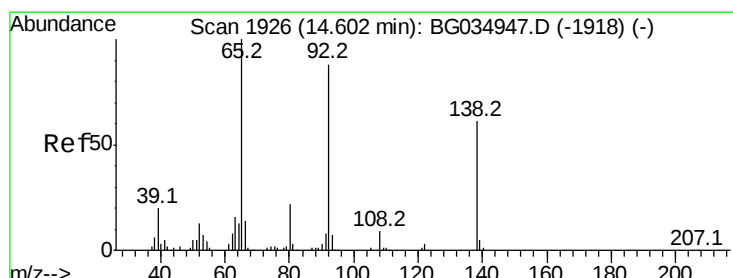
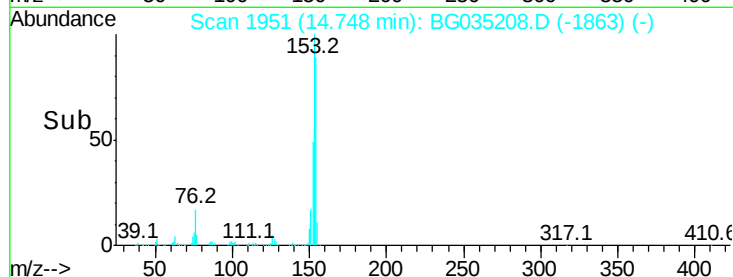
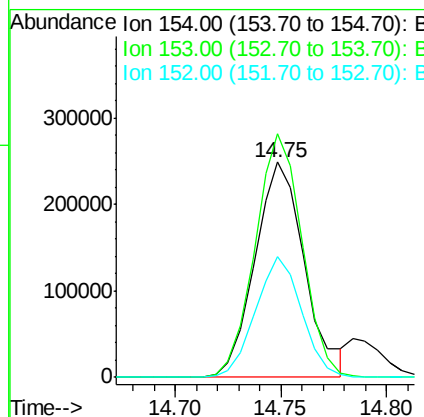
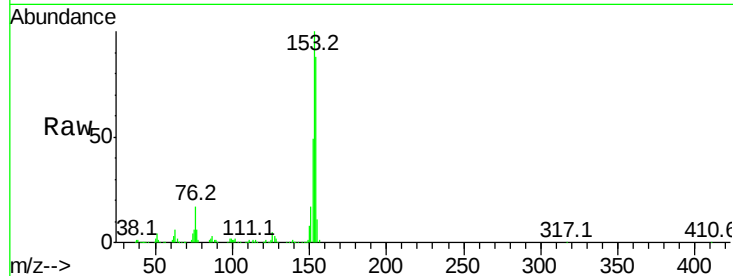
ClientSampleId :

SB-44COMPMSD

Tot Ion:	154	Resp:	404839
Ion Ratio	Lower	Upper	
154	100		
153	113.0	90.4	135.6
152	55.8	41.6	62.4

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#52

3-Nitroaniline

Concen: 18.818 ng

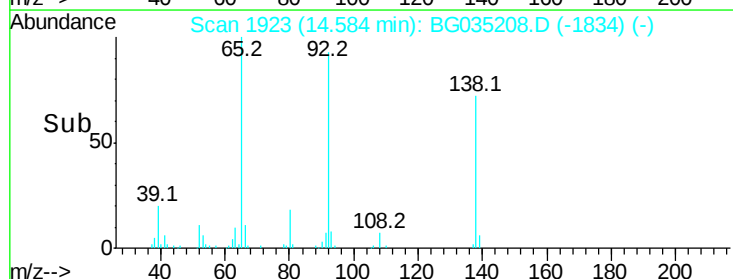
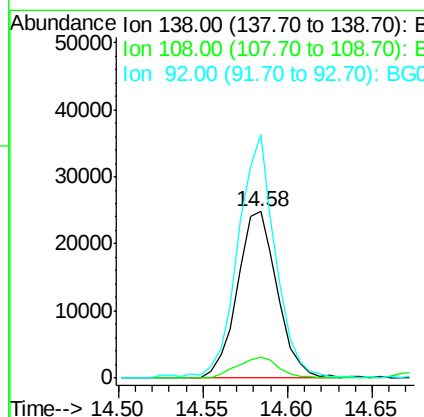
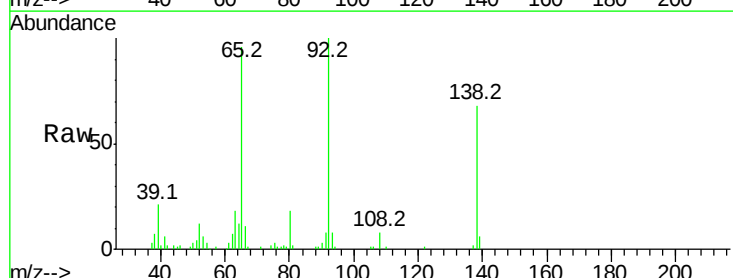
RT: 14.58 min Scan# 1923

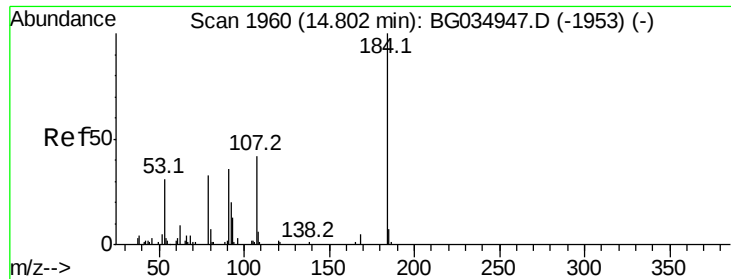
Delta R.T. -0.01 min

Lab File: BG035208.D

Acq: 16 Jun 2018 15:00

Tgt Ion:	138	Resp:	40645
Ion Ratio	Lower	Upper	
138	100		
108	12.2	17.5	26.3#
92	146.0	105.8	158.8





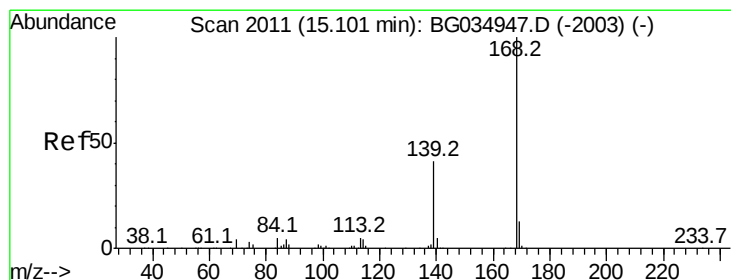
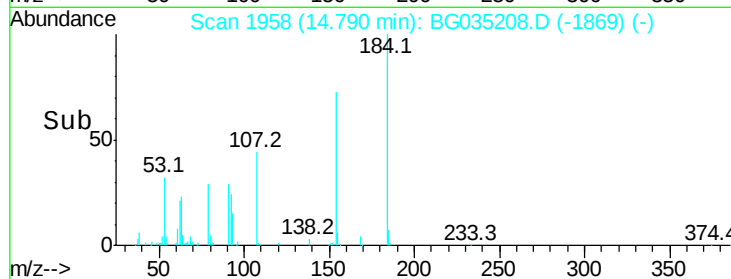
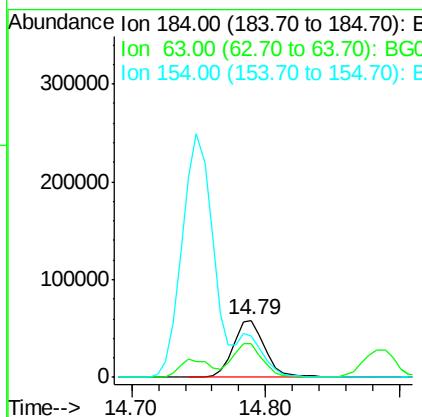
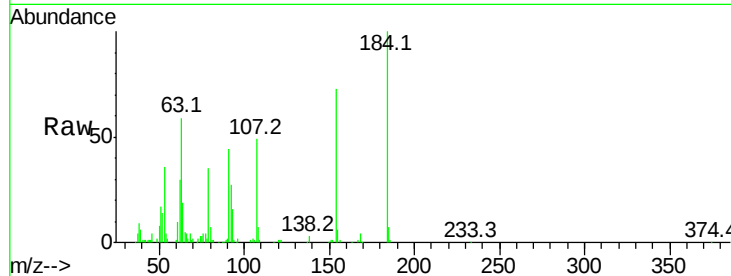
#53
2,4-Dinitrophenol
Concen: 107.449 ng
RT: 14.79 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BG035208.D
Acq: 16 Jun 2018 15:00

Instrument :
BNA_G
ClientSampleId :
SB-44COMPMSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	59.2	59.8	89.8#
154	72.9	101.8	152.8#

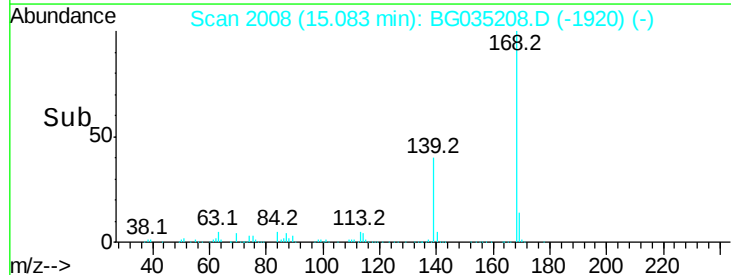
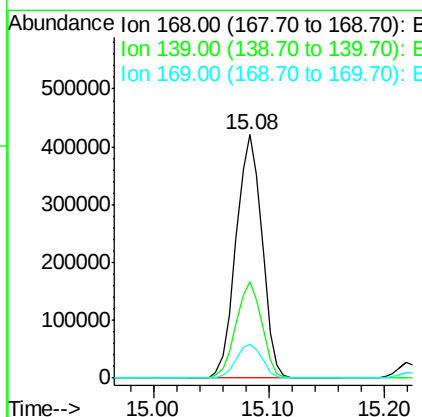
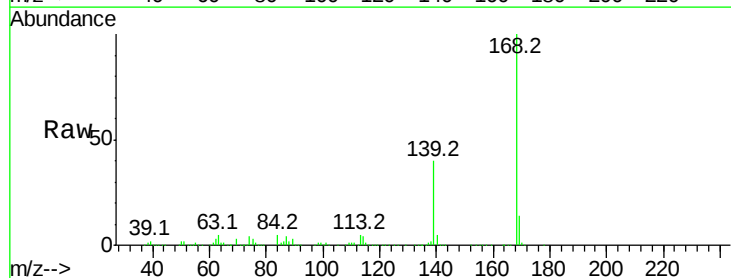
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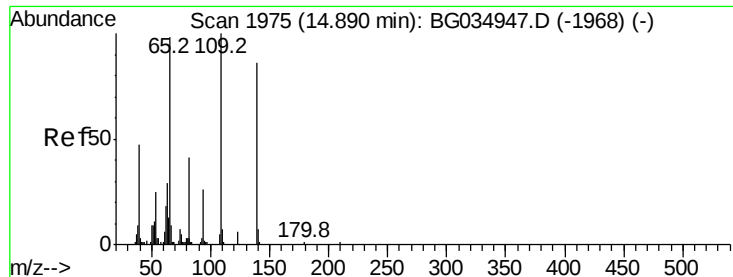
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#54
Dibenzofuran
Concen: 47.344 ng
RT: 15.08 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BG035208.D
Acq: 16 Jun 2018 15:00

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.8	28.6	43.0
169	13.9	11.2	16.8





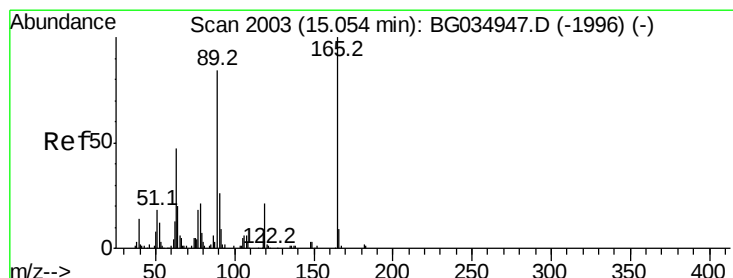
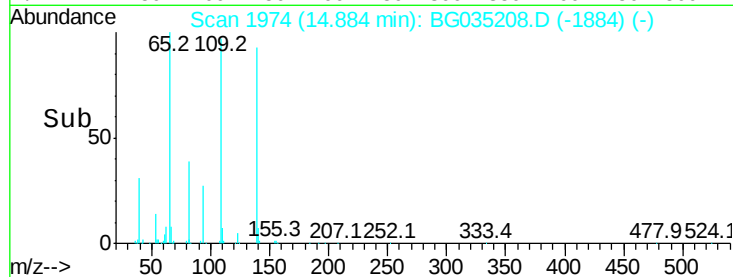
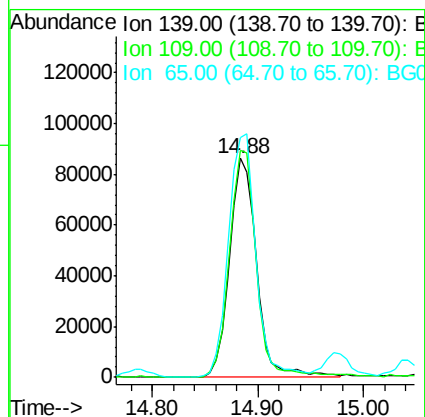
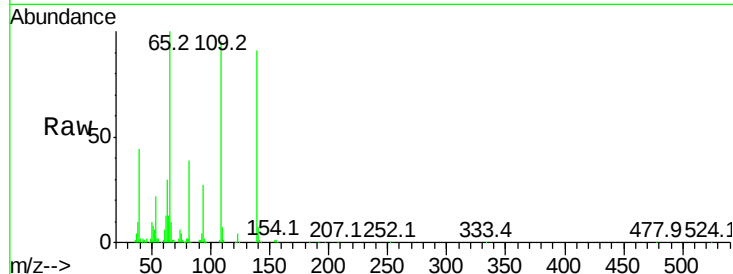
#55
4-Nitrophenol
Concen: 83.824 ng
RT: 14.88 min Scan# 1974
Delta R.T. -0.00 min
Lab File: BG035208.D
Acq: 16 Jun 2018 15:00

Instrument :
BNA_G
ClientSampleId :
SB-44COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	103.9	62.2	102.2#	
65	109.9	97.2	137.2	

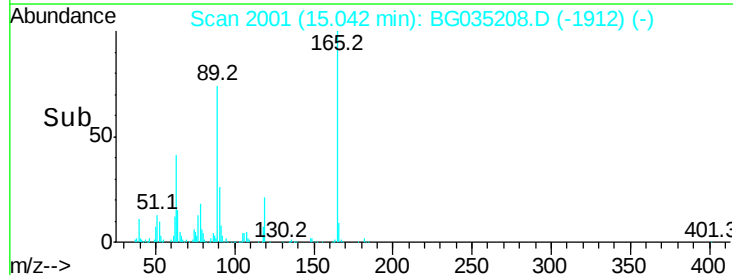
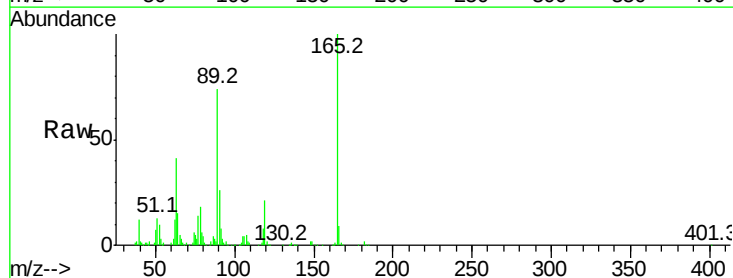
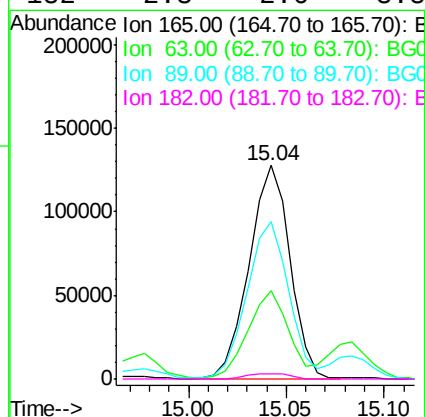
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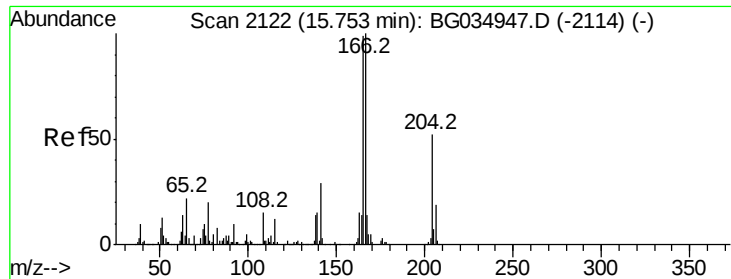
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#56
2,4-Dinitrotoluene
Concen: 63.623 ng
RT: 15.04 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BG035208.D
Acq: 16 Jun 2018 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	41.4	42.0	63.0#	
89	73.6	66.9	100.3	
182	2.3	2.6	3.8#	





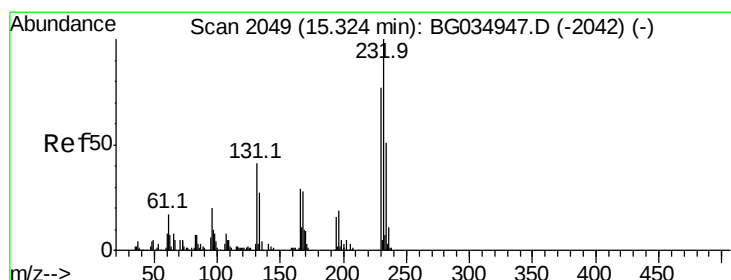
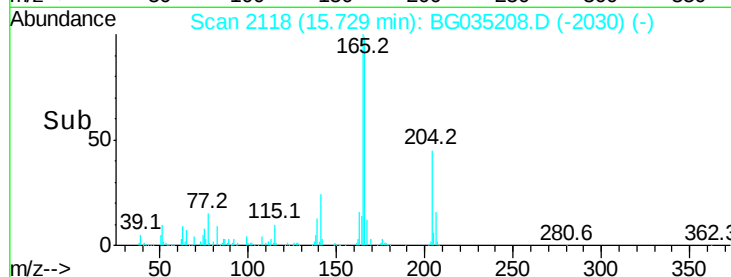
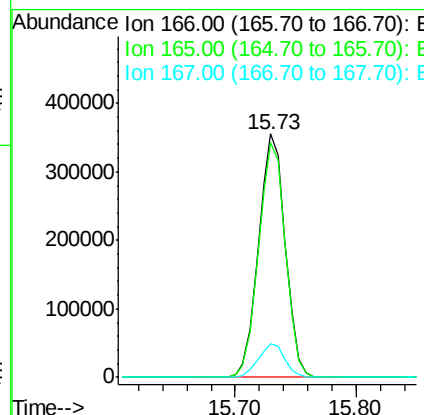
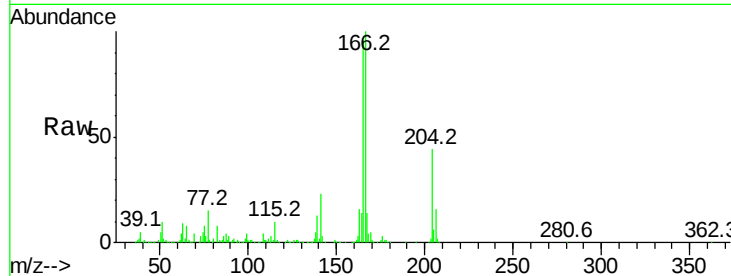
#57
Fluorene
 Concen: 47.321 ng
 RT: 15.73 min Scan# 2118
 Delta R.T. -0.01 min
 Lab File: BG035208.D
 Acq: 16 Jun 2018 15:00

Instrument :
 BNA_G
 ClientSampleId :
 SB-44COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100	545825		
165	96.5		80.6	121.0
167	13.9		10.4	15.6

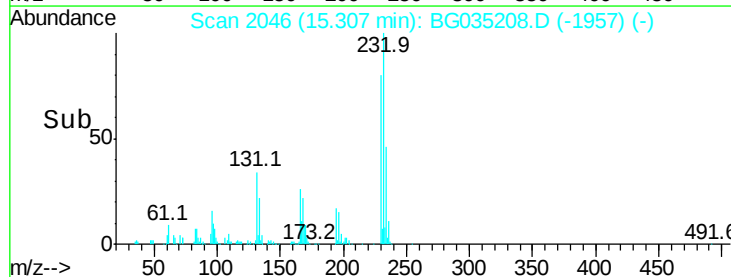
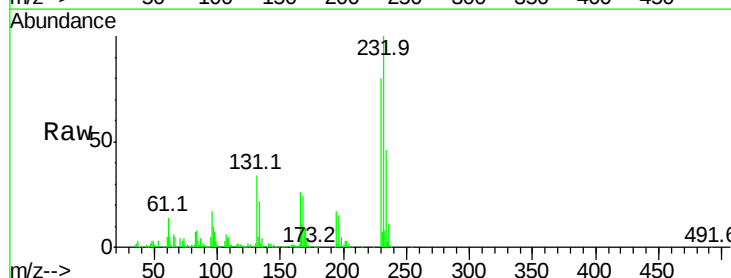
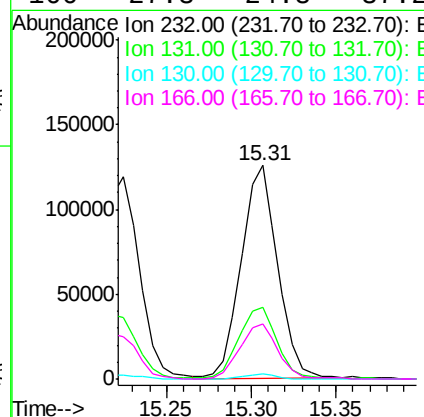
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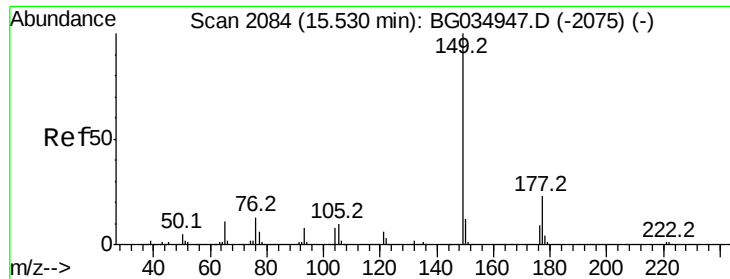
Sohil
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 57.008 ng
 RT: 15.31 min Scan# 2046
 Delta R.T. -0.01 min
 Lab File: BG035208.D
 Acq: 16 Jun 2018 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	187574		
131	35.4		33.5	50.3
130	2.3		2.2	3.2
166	27.3		24.8	37.2





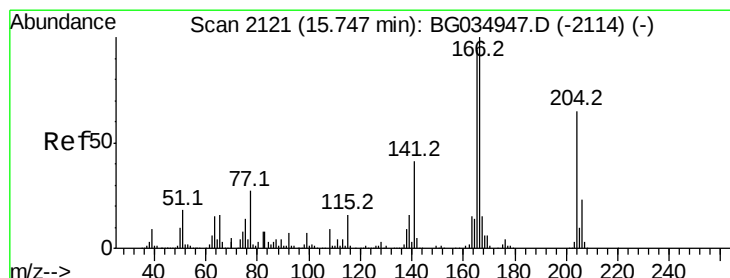
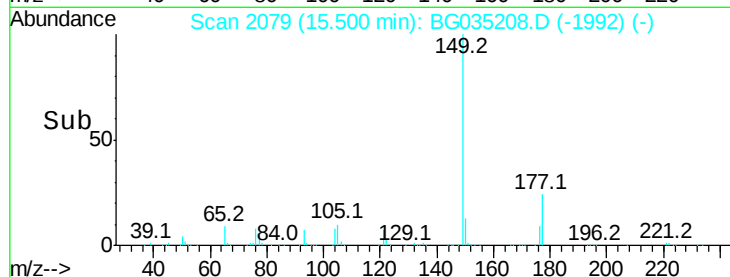
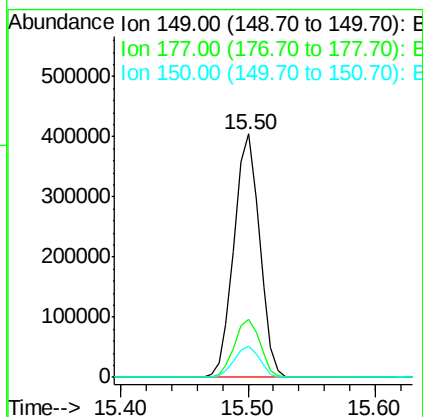
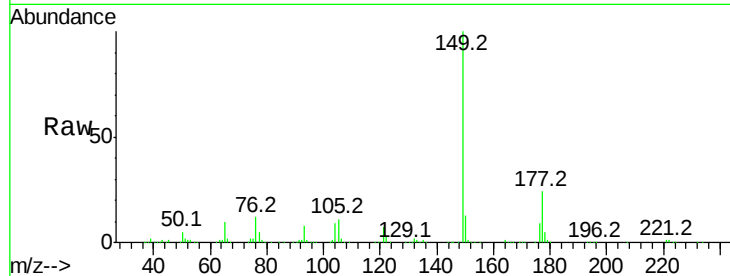
#59
Diethylphthalate
Concen: 45.766 ng
RT: 15.50 min Scan# 2079
Delta R.T. -0.02 min
Lab File: BG035208.D
Acq: 16 Jun 2018 15:00

Instrument :
BNA_G
ClientSampleId :
SB-44COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	563363		
177	23.9	18.5	27.7	
150	12.7	10.2	15.2	

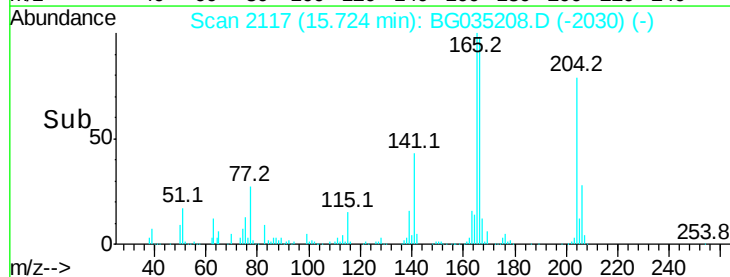
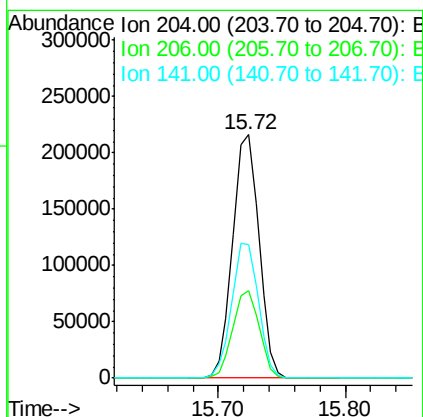
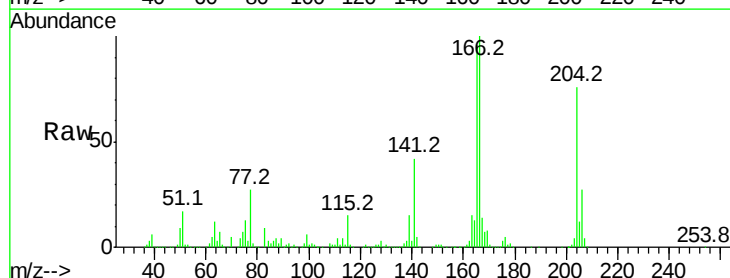
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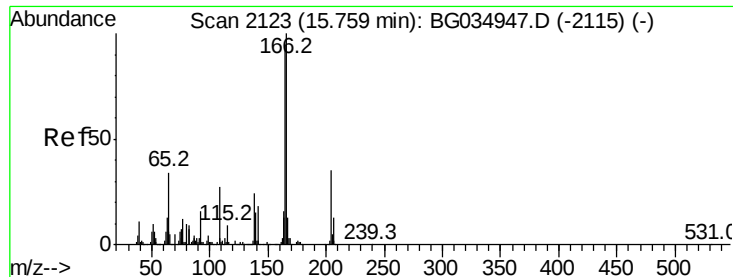
Sohil
6/18/2018 10:43:04 AM



#60
4-Chlorophenyl-phenylether
Concen: 47.257 ng
RT: 15.72 min Scan# 2117
Delta R.T. -0.02 min
Lab File: BG035208.D
Acq: 16 Jun 2018 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	310824		
206	35.7	26.2	39.2	
141	54.9	45.8	68.6	





#61

4-Nitroaniline

Concen: 52.926 ng

RT: 15.75 min Scan# 2122

Delta R.T. -0.01 min

Lab File: BG035208.D

Acq: 16 Jun 2018 15:00

Instrument :

BNA_G

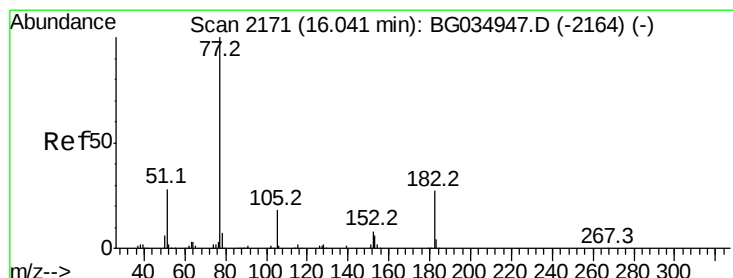
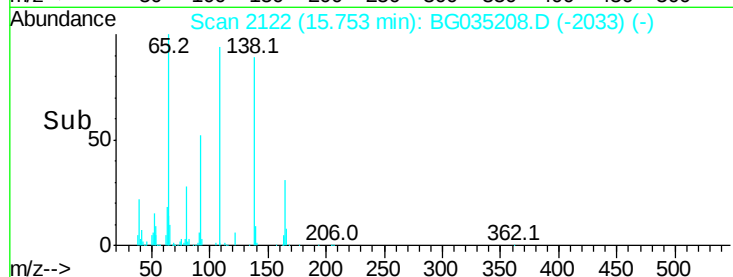
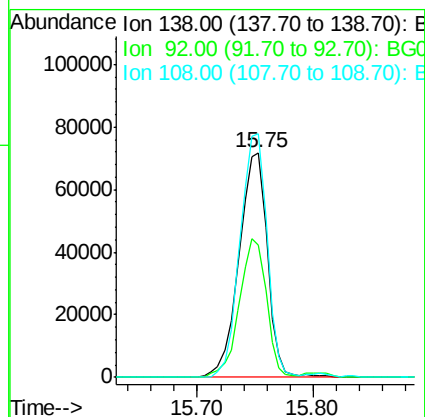
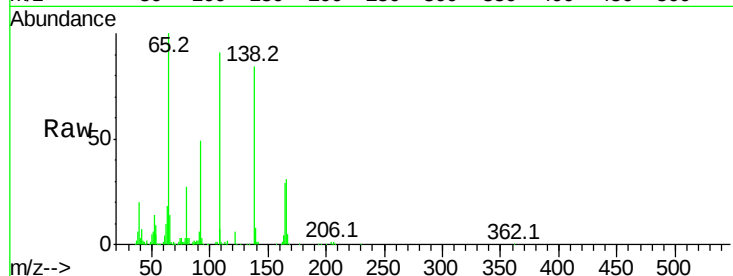
ClientSampled :

SB-44COMPMSD

Tot Ion:	138	Resp:	122593
Ion Ratio	Lower	Upper	
138	100		
92	58.8	40.1	80.1
108	108.5	65.4	105.4#

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#62

Azobenzene

Concen: 46.399 ng

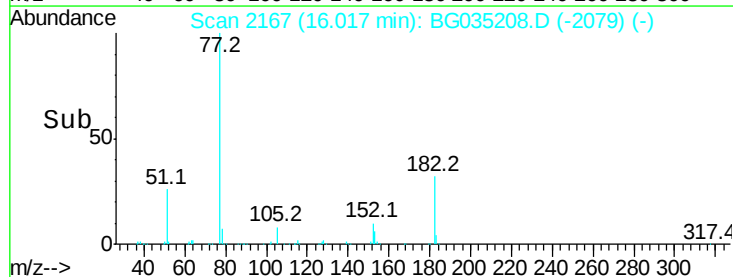
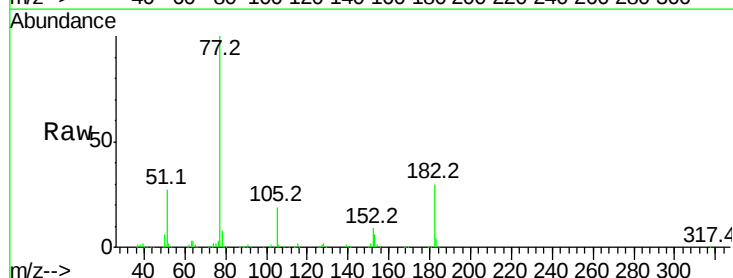
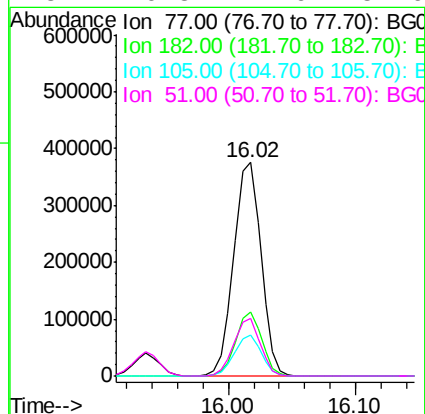
RT: 16.02 min Scan# 2167

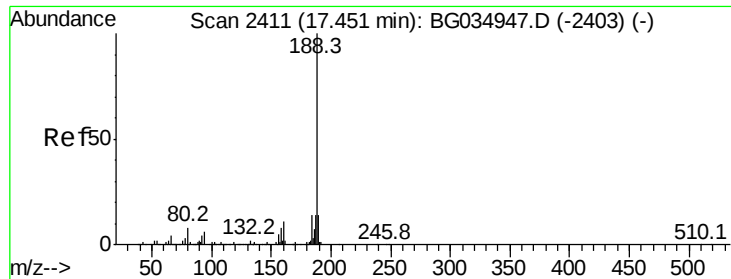
Delta R.T. -0.01 min

Lab File: BG035208.D

Acq: 16 Jun 2018 15:00

Tgt Ion:	77	Resp:	559698
Ion Ratio	Lower	Upper	
77	100		
182	30.1	7.4	47.4
105	18.9	0.3	40.3
51	26.8	11.6	51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2407

Delta R.T. -0.01 min

Lab File: BG035208.D

Acq: 16 Jun 2018 15:00

Instrument :

BNA_G

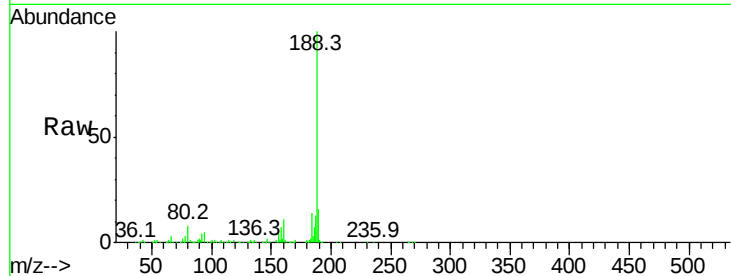
ClientSampleId :

SB-44COMPMSD

Tot Ion:	188	Resp:	383279
Ion Ratio	Lower	Upper	
188	100		
94	5.5	6.9	10.3#
80	7.8	7.7	11.5

Manual Integrations
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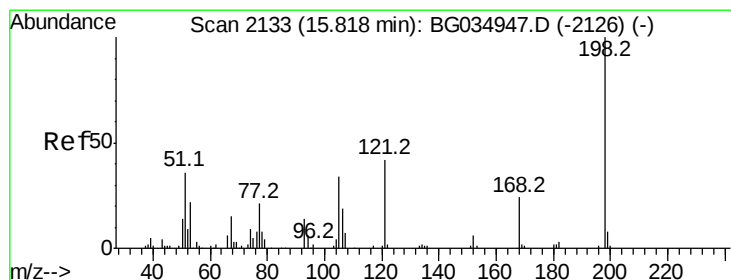
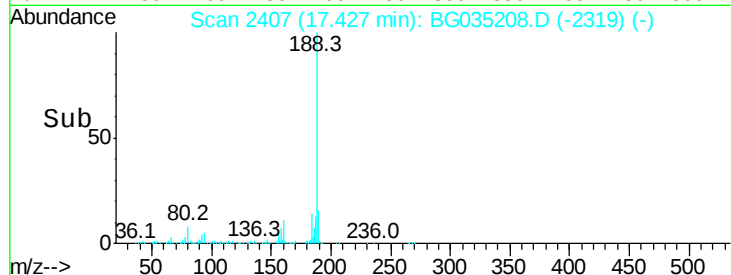
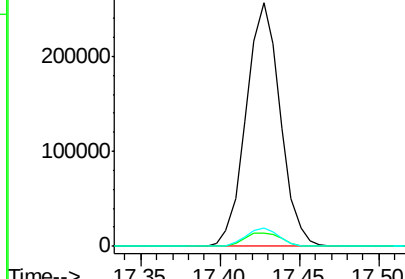
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 49.397 ng

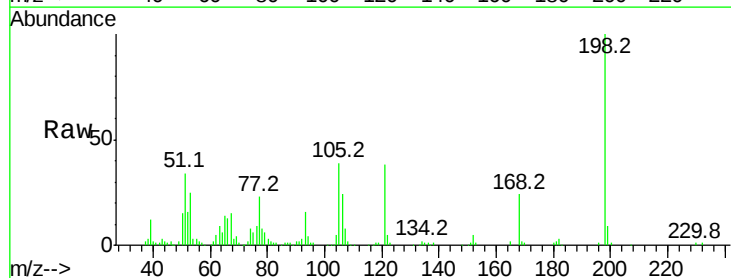
RT: 15.81 min Scan# 2131

Delta R.T. -0.01 min

Lab File: BG035208.D

Acq: 16 Jun 2018 15:00

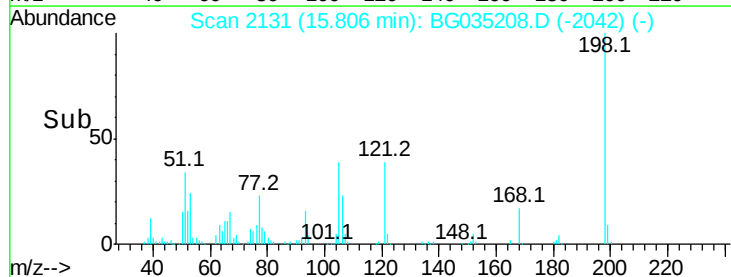
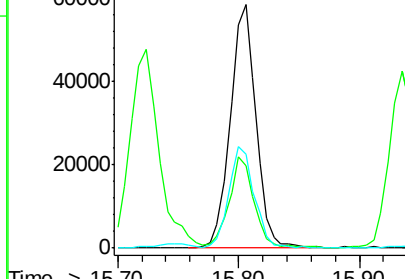
Tgt Ion:	198	Resp:	86442
Ion Ratio	Lower	Upper	
198	100		
51	34.0	30.6	70.6
105	38.6	23.8	63.8

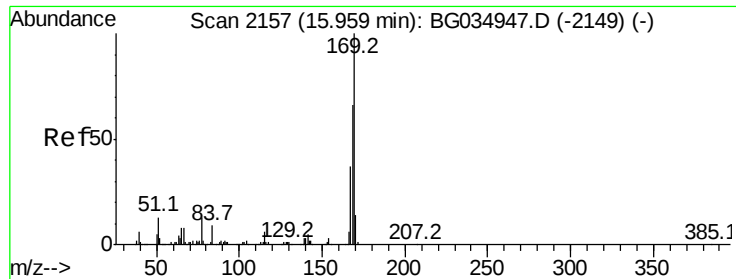


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 42.569 ng

RT: 15.94 min Scan# 2153

Delta R.T. -0.01 min

Lab File: BG035208.D

Acq: 16 Jun 2018 15:00

Instrument :

BNA_G

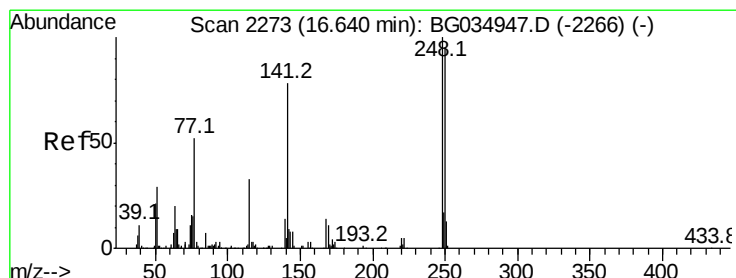
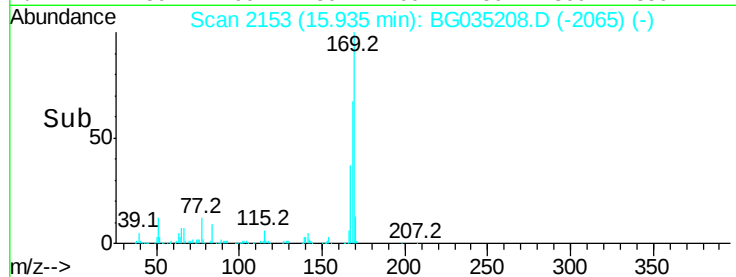
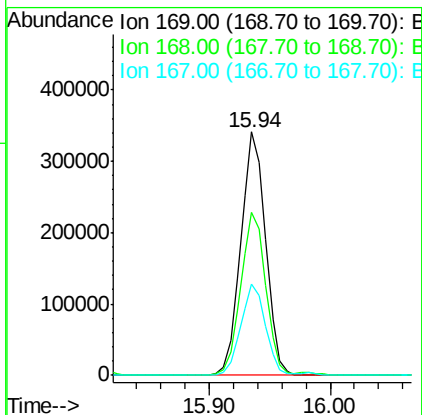
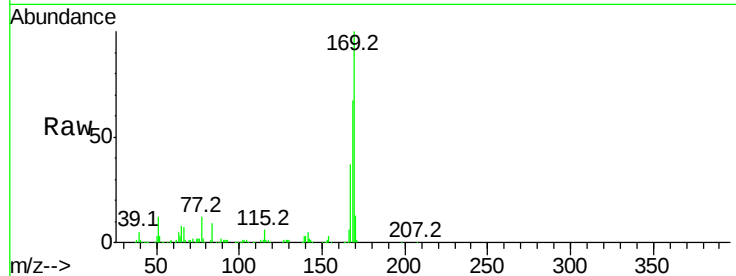
ClientSampleId :

SB-44COMPMSD

Tot Ion:	169	Resp:	489985
Ion Ratio	Lower	Upper	
169	100		
168	66.8	55.7	83.5
167	37.3	30.1	45.1

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#66

4-Bromophenyl-phenylether

Concen: 47.148 ng

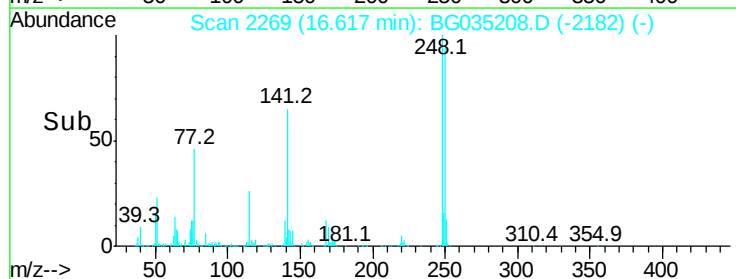
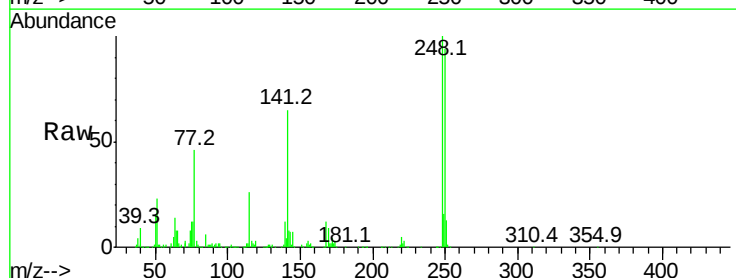
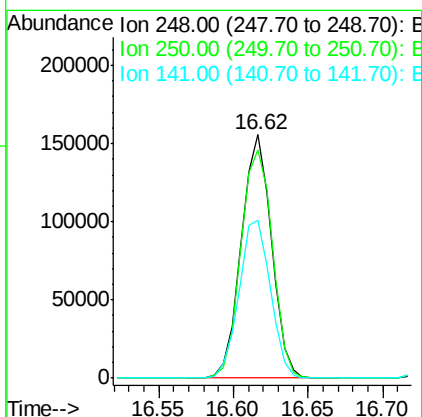
RT: 16.62 min Scan# 2269

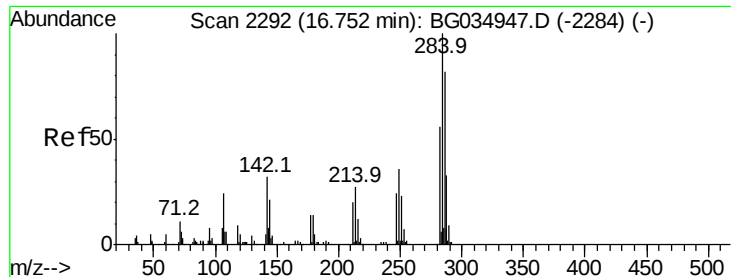
Delta R.T. -0.02 min

Lab File: BG035208.D

Acq: 16 Jun 2018 15:00

Tgt Ion:	248	Resp:	217619
Ion Ratio	Lower	Upper	
248	100		
250	94.0	77.1	115.7
141	65.1	50.8	76.2





#67

Hexachlorobenzene

Concen: 47.384 ng

RT: 16.73 min Scan# 2289

Delta R.T. -0.01 min

Lab File: BG035208.D

Acq: 16 Jun 2018 15:00

Instrument :

BNA_G

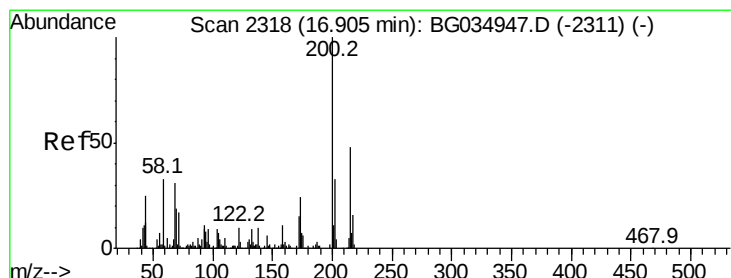
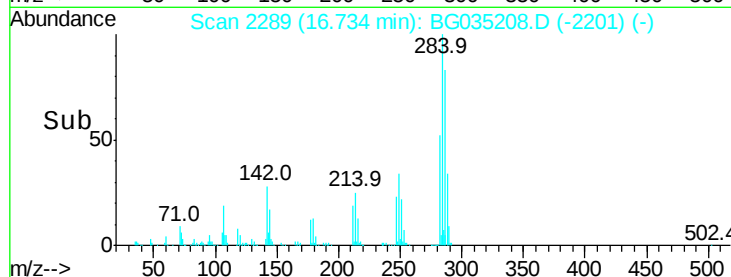
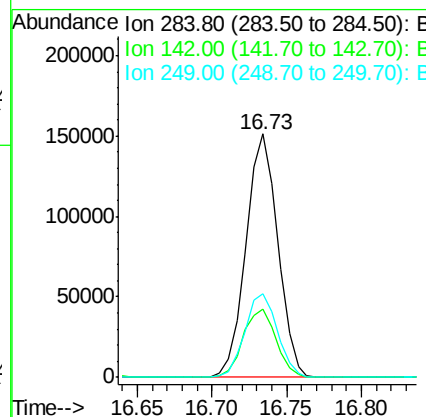
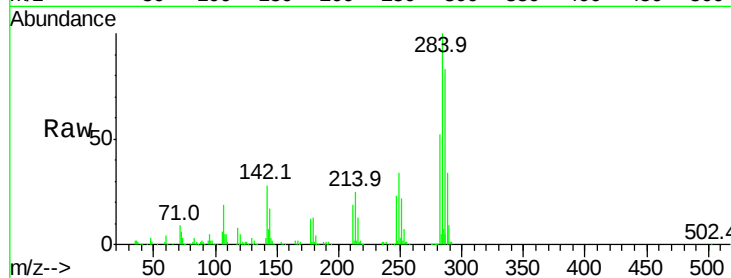
ClientSampleId :

SB-44COMPMSD

Tot Ion:	284	Resp:	222606
Ion Ratio	Lower	Upper	
284	100		
142	28.3	26.8	40.2
249	34.5	26.3	39.5

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#68

Atrazine

Concen: 45.323 ng

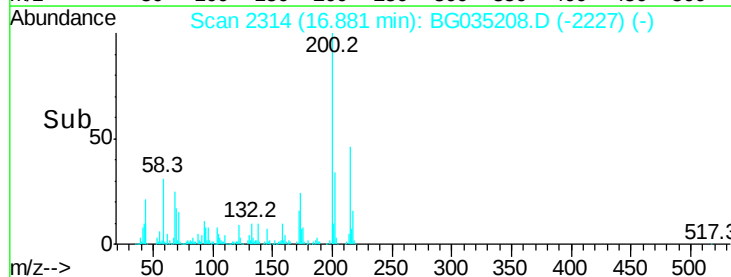
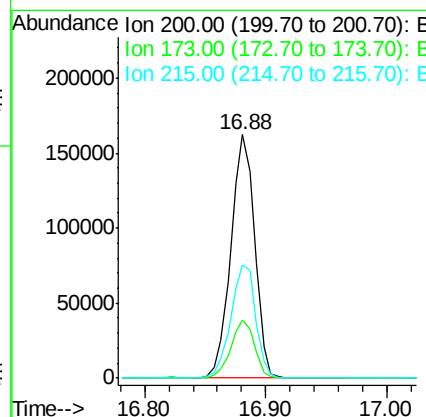
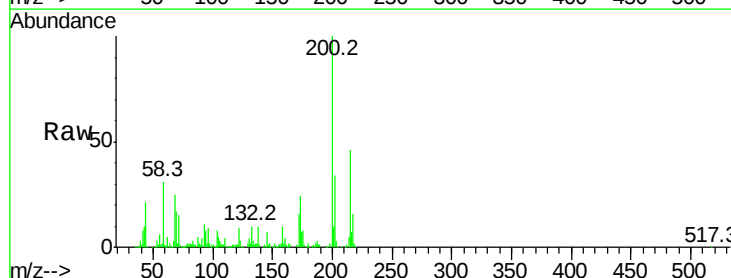
RT: 16.88 min Scan# 2314

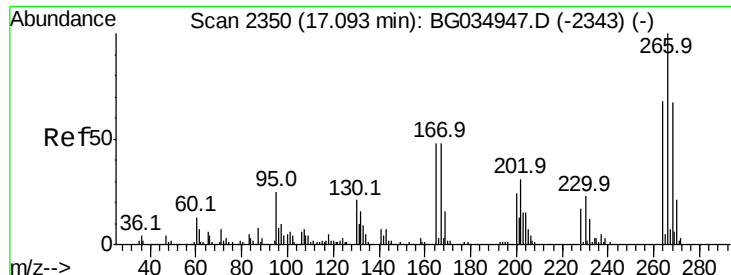
Delta R.T. -0.02 min

Lab File: BG035208.D

Acq: 16 Jun 2018 15:00

Tgt Ion:	200	Resp:	222471
Ion Ratio	Lower	Upper	
200	100		
173	24.0	5.2	45.2
215	46.3	30.4	70.4





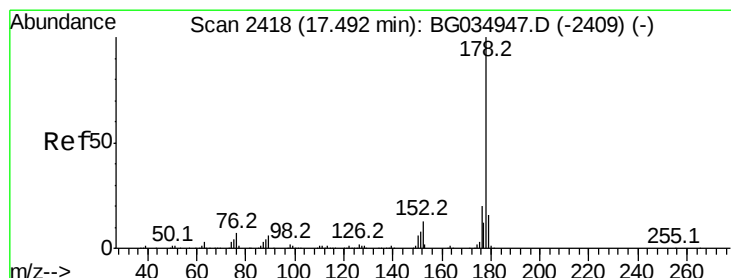
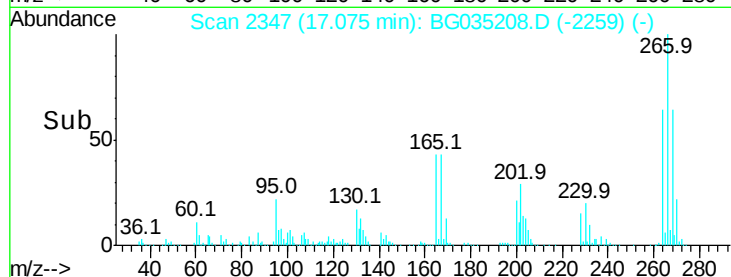
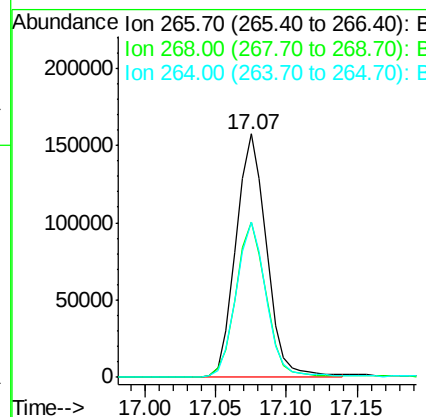
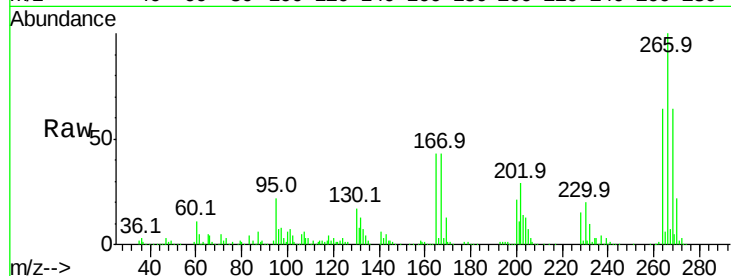
#69
 Pentachlorophenol
 Concen: 75.813 ng
 RT: 17.07 min Scan# 2347
 Delta R.T. -0.01 min
 Lab File: BG035208.D
 Acq: 16 Jun 2018 15:00

Instrument :
 BNA_G
 ClientSampleId :
 SB-44COMPMSD

Tot Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	64.0	51.1	76.7
264	63.6	49.6	74.4

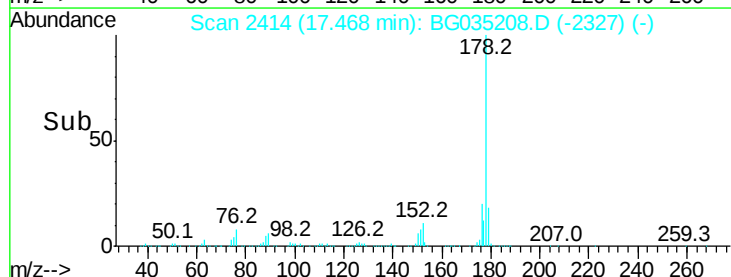
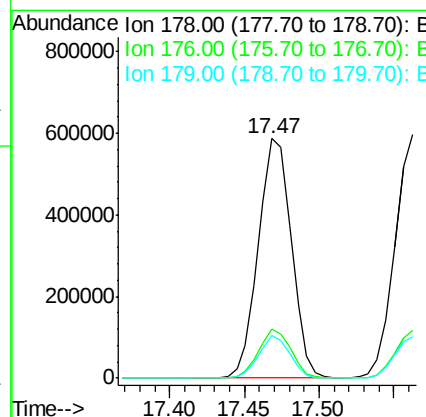
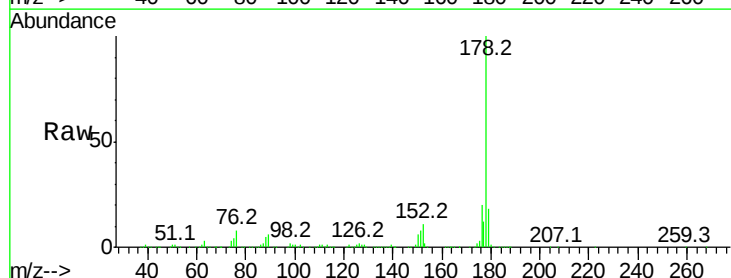
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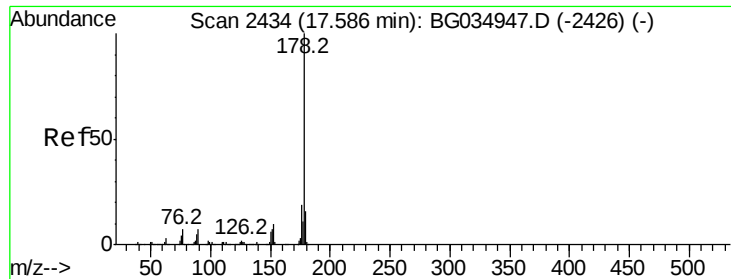
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#70
 Phenanthrene
 Concen: 46.152 ng
 RT: 17.47 min Scan# 2414
 Delta R.T. -0.02 min
 Lab File: BG035208.D
 Acq: 16 Jun 2018 15:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	20.4	15.7	23.5
179	17.6	12.5	18.7





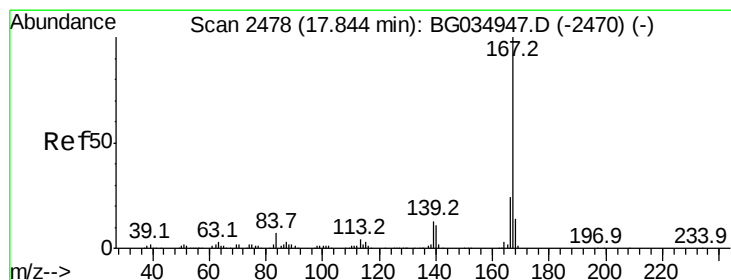
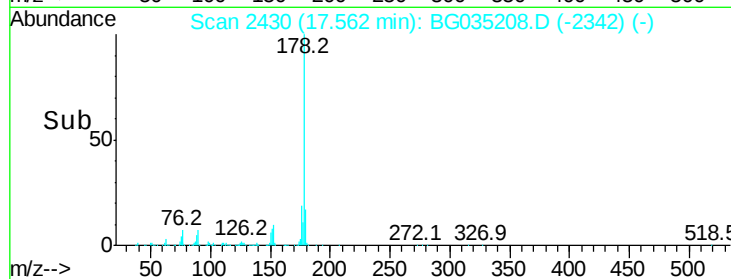
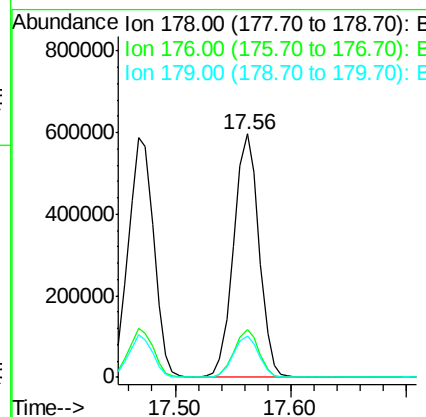
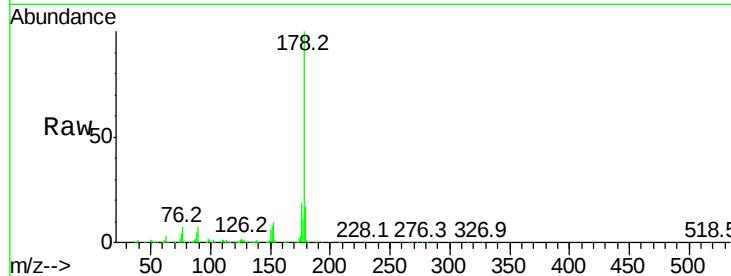
#71
 Anthracene
 Concen: 46.456 ng
 RT: 17.56 min Scan# 2430
 Delta R.T. -0.01 min
 Lab File: BG035208.D
 Acq: 16 Jun 2018 15:00

Instrument :
 BNA_G
 ClientSampleId :
 SB-44COMPMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.0	24.0
179	17.2	12.5	18.7

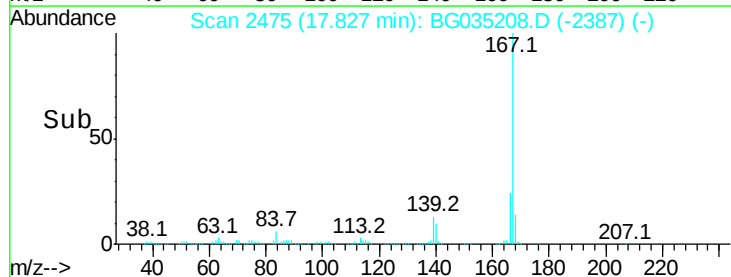
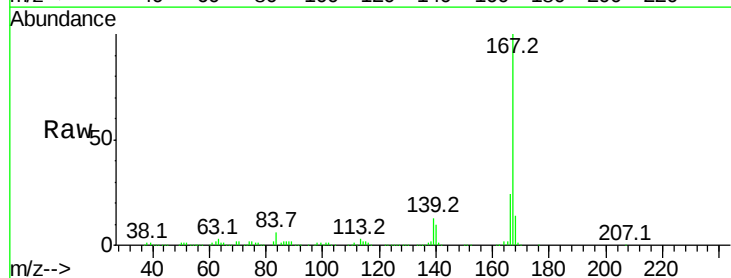
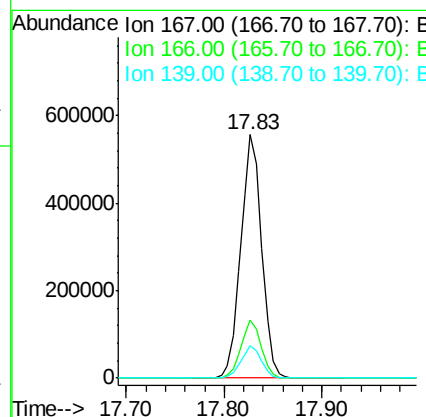
Manual Integrations
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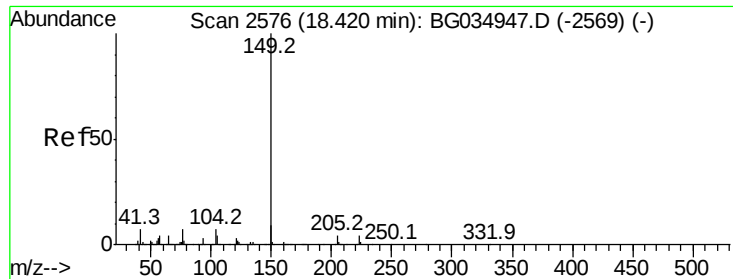
Sohil
 6/18/2018 10:43:04 AM



#72
 Carbazole
 Concen: 45.425 ng
 RT: 17.83 min Scan# 2475
 Delta R.T. -0.01 min
 Lab File: BG035208.D
 Acq: 16 Jun 2018 15:00

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.6	18.2	27.4
139	13.3	9.4	14.2





#73

Di-n-butylphthalate

Concen: 43.670 ng

RT: 18.38 min Scan# 2570

Delta R.T. -0.02 min

Lab File: BG035208.D

Acq: 16 Jun 2018 15:00

Instrument :

BNA_G

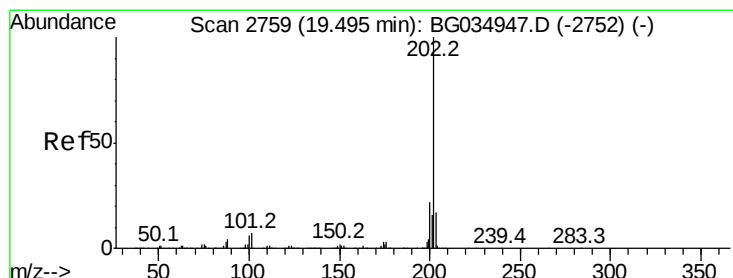
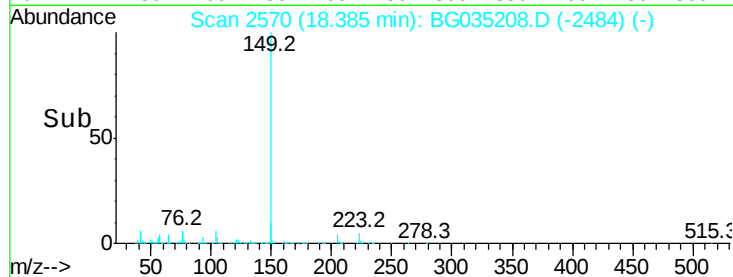
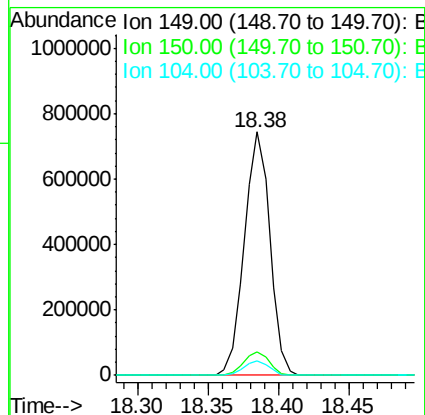
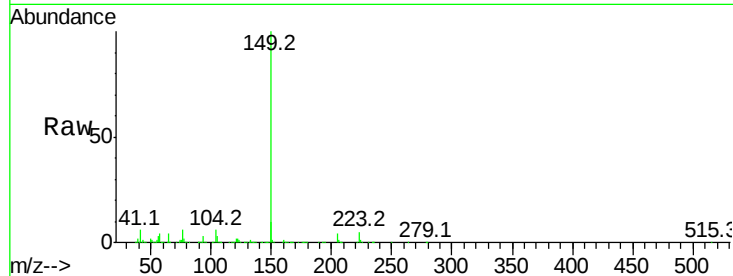
ClientSampleId :

SB-44COMPMSD

Tot Ion:	149	Resp:	941872
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.8	11.6
104	6.1	3.9	5.9

Manual Integrations
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#74

Fluoranthene

Concen: 46.173 ng

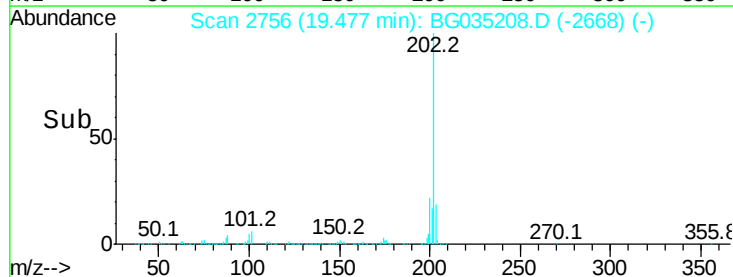
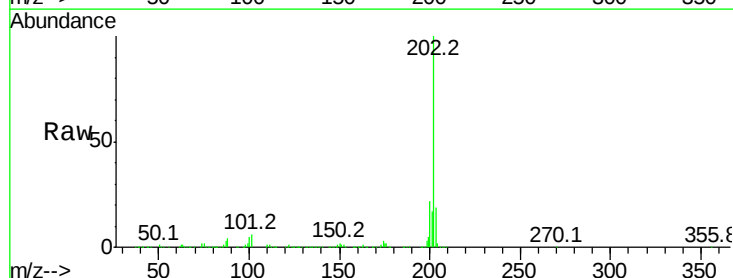
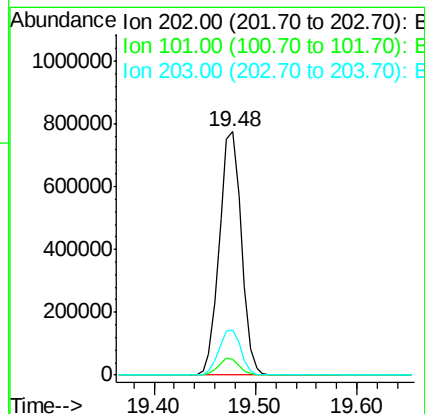
RT: 19.48 min Scan# 2756

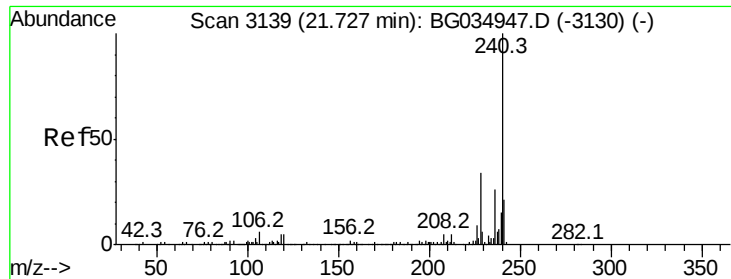
Delta R.T. -0.01 min

Lab File: BG035208.D

Acq: 16 Jun 2018 15:00

Tgt Ion:	202	Resp:	1169810
Ion Ratio	Lower	Upper	
202	100		
101	6.3	0.0	28.9
203	18.8	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3134

Delta R.T. -0.02 min

Lab File: BG035208.D

Acq: 16 Jun 2018 15:00

Instrument :

BNA_G

ClientSampleId :

SB-44COMPMSD

Tot Ion:240 Resp: 401990

Ion Ratio Lower Upper

240 100

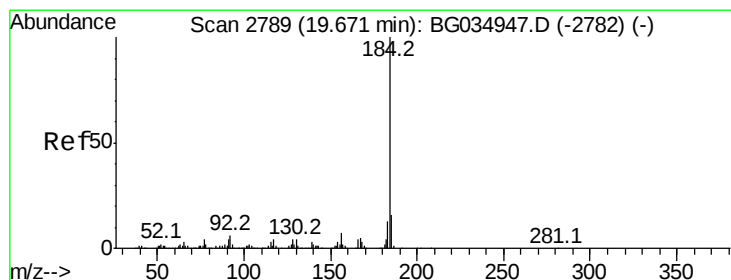
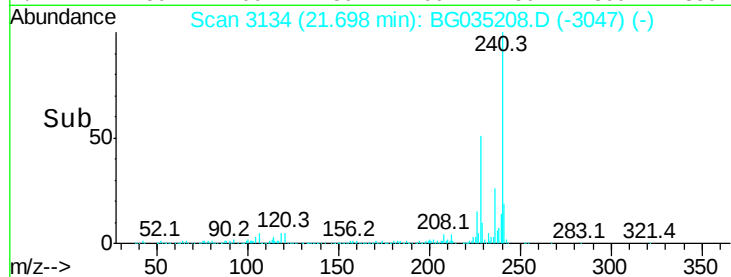
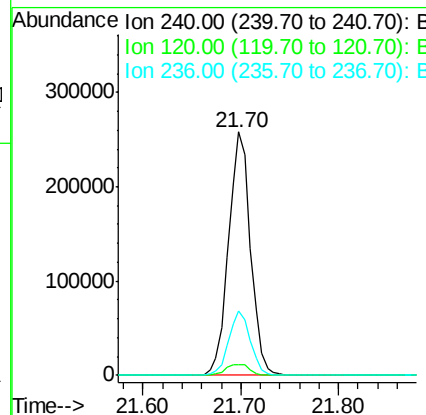
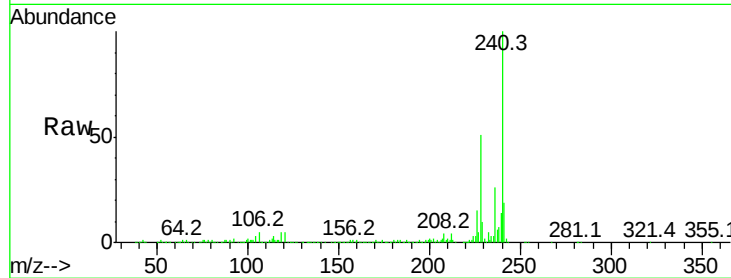
120 4.5 6.8 10.2#

236 26.3 20.9 31.3

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#76

Benzidine

Concen: 8.120 ng

RT: 19.65 min Scan# 2786

Delta R.T. -0.01 min

Lab File: BG035208.D

Acq: 16 Jun 2018 15:00

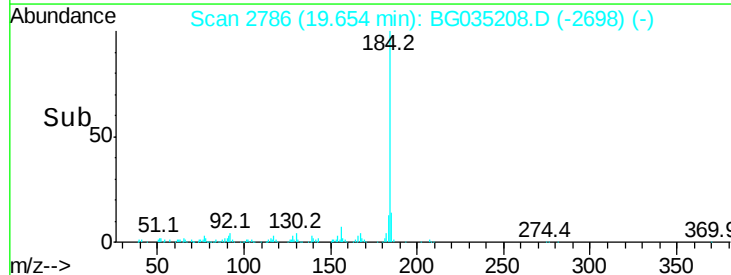
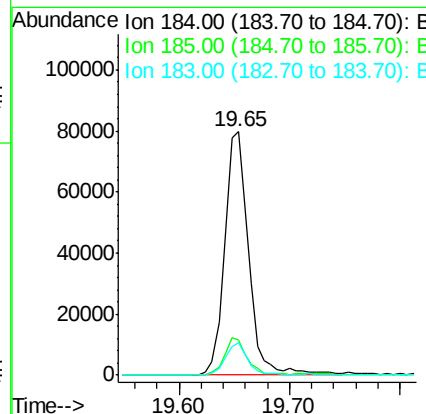
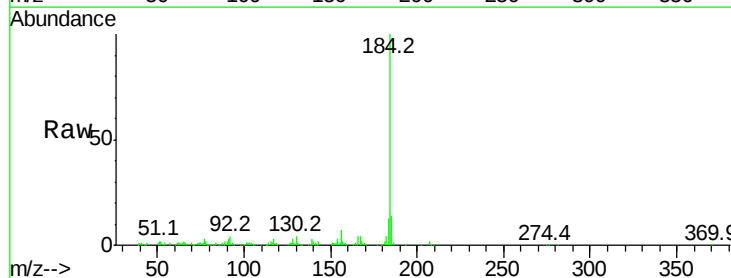
Tgt Ion:184 Resp: 121444

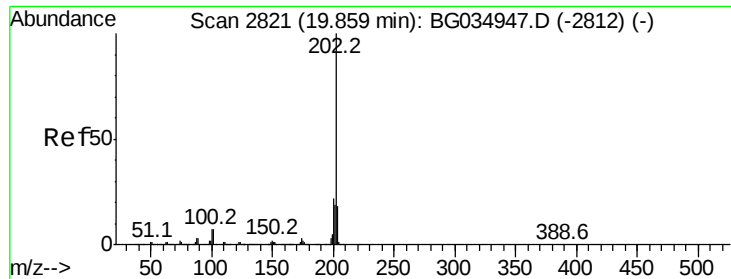
Ion Ratio Lower Upper

184 100

185 14.4 11.1 16.7

183 13.2 10.6 16.0





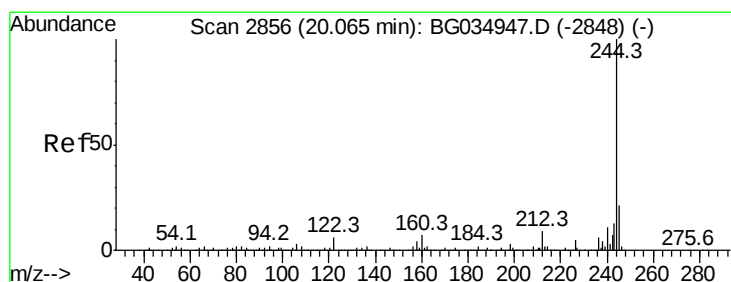
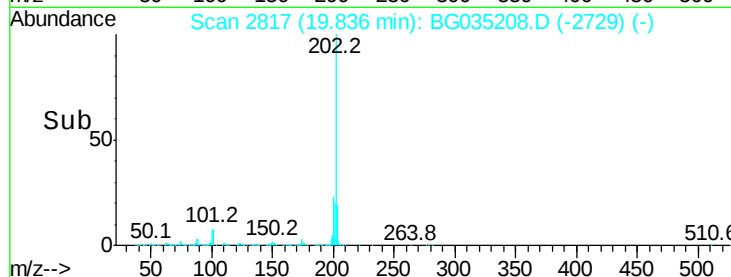
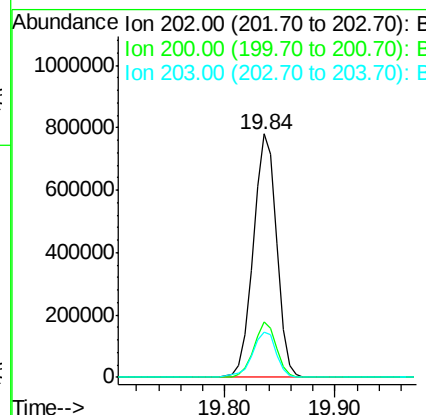
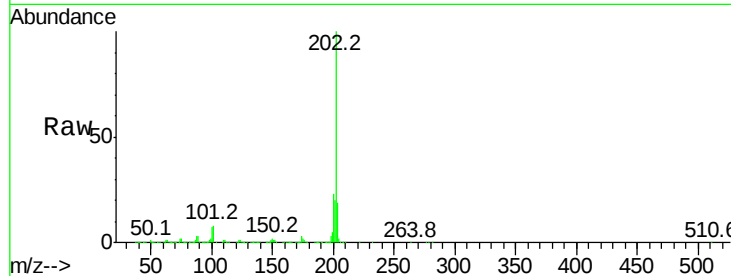
#77
Pvrene
Concen: 43.524 ng
RT: 19.84 min Scan# 2817
Delta R.T. -0.01 min
Lab File: BG035208.D
Acq: 16 Jun 2018 15:00

Instrument :
BNA_G
ClientSampleId :
SB-44COMPMSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.8	16.9	25.3
203	18.8	13.9	20.9

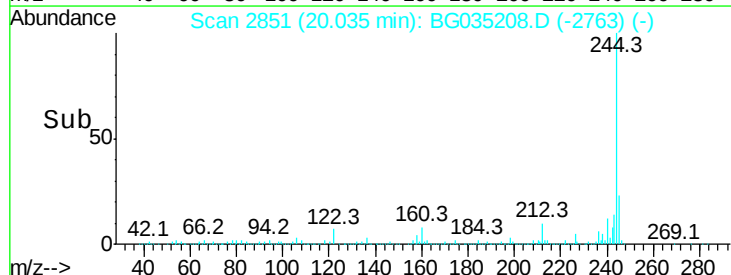
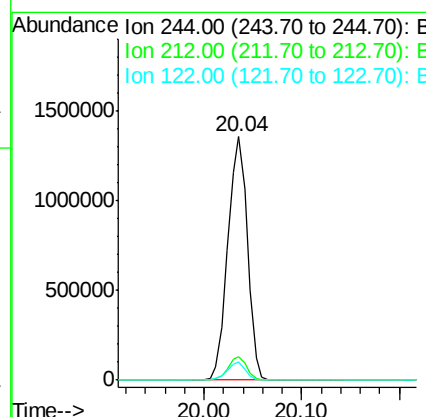
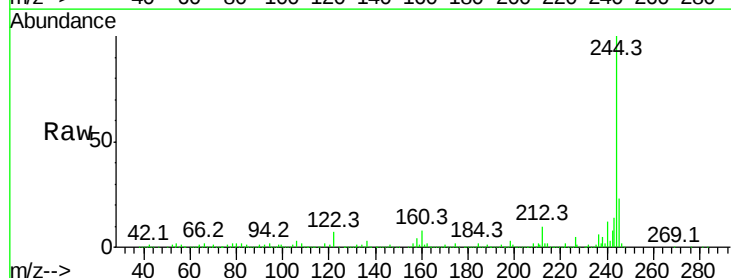
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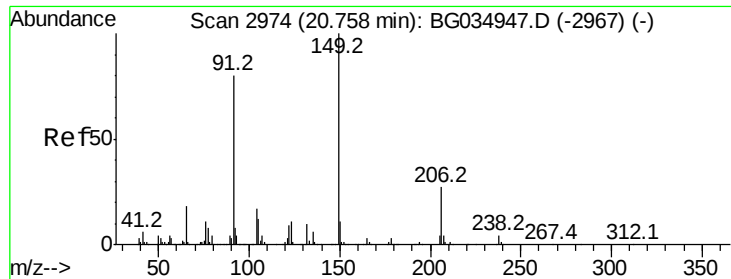
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#78
Terphenyl-d14
Concen: 98.573 ng
RT: 20.04 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BG035208.D
Acq: 16 Jun 2018 15:00

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.8	5.8	8.8#
122	7.4	7.0	10.4





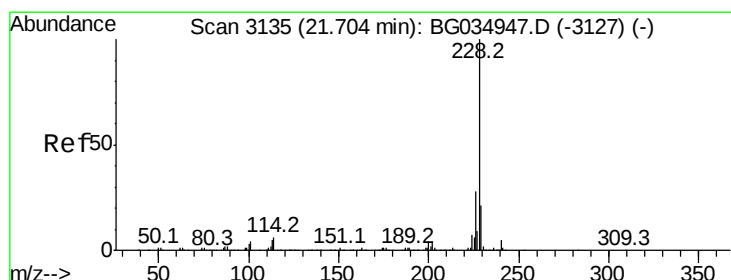
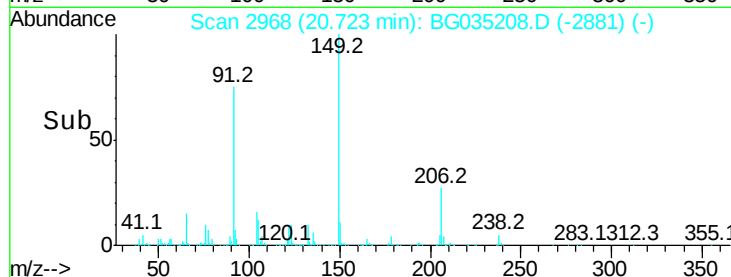
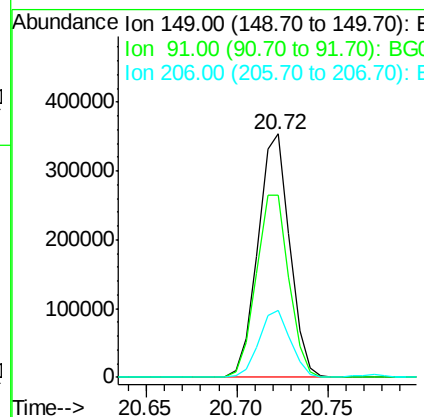
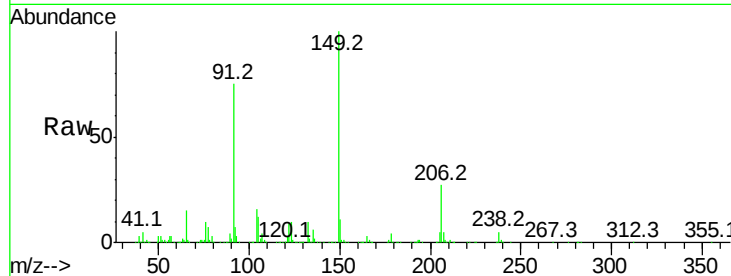
#79
Butylbenzylphthalate
Concen: 44.835 ng
RT: 20.72 min Scan# 2968
Delta R.T. -0.02 min
Lab File: BG035208.D
Acq: 16 Jun 2018 15:00

Instrument :
BNA_G
ClientSampleId :
SB-44COMPMSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	74.9	62.2	93.2
206	27.3	18.6	27.8

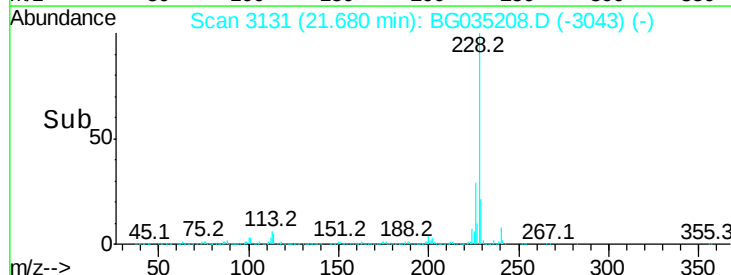
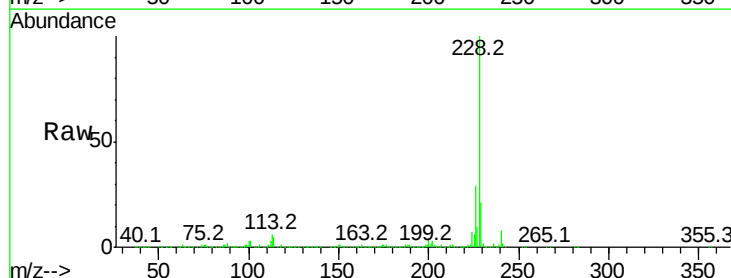
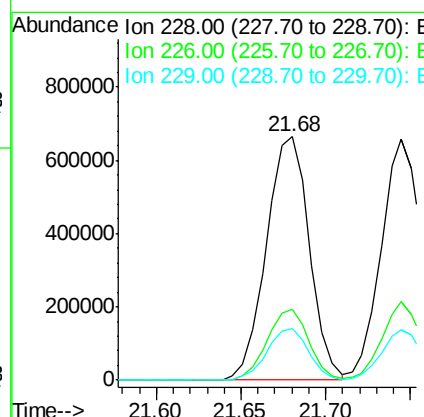
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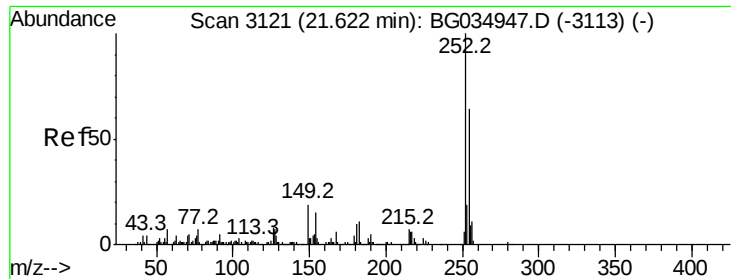
Sohil
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#80
Benzo(a)anthracene
Concen: 45.716 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG035208.D
Acq: 16 Jun 2018 15:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.7	34.1
229	21.3	16.2	24.2





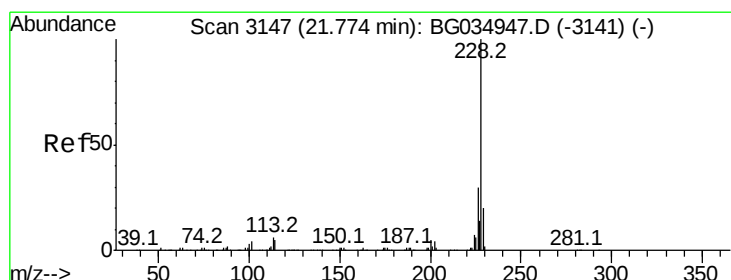
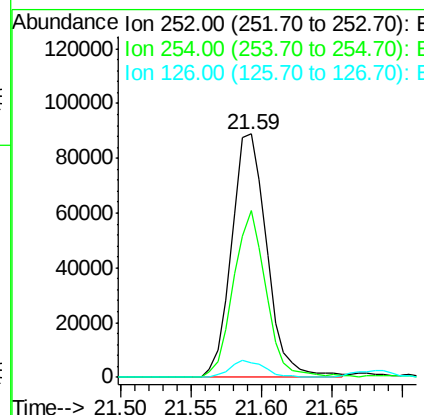
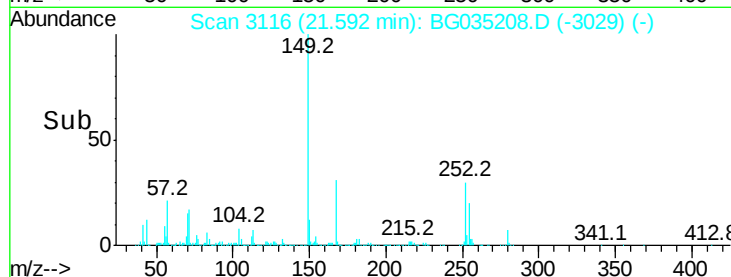
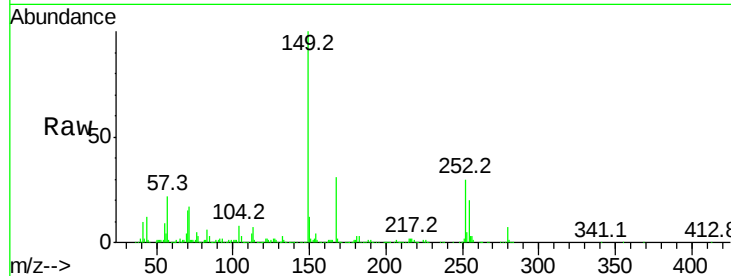
#81
 3,3'-Dichlorobenzidine
 Concen: 16.000 ng
 RT: 21.59 min Scan# 3116
 Delta R.T. -0.02 min
 Lab File: BG035208.D
 Acq: 16 Jun 2018 15:00

Instrument :
 BNA_G
 ClientSampleId :
 SB-44COMPMSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	68.4	50.8	76.2
126	6.1	7.4	11.2#

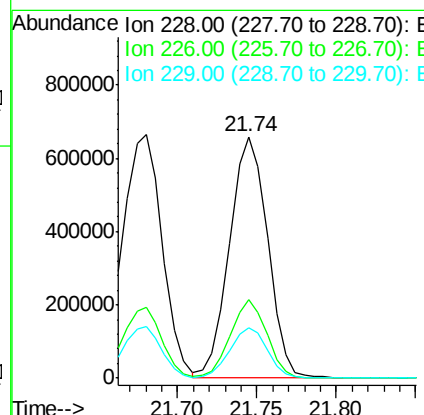
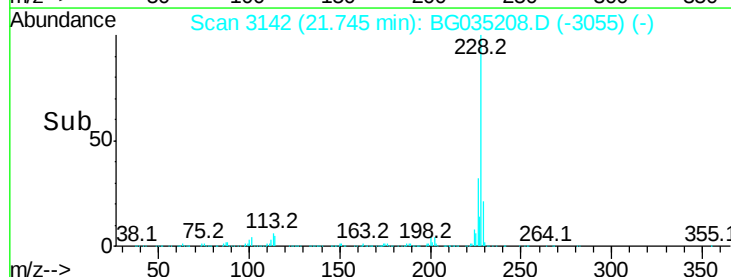
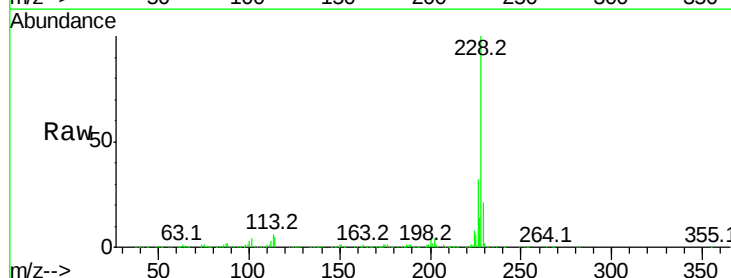
Manual Integrations
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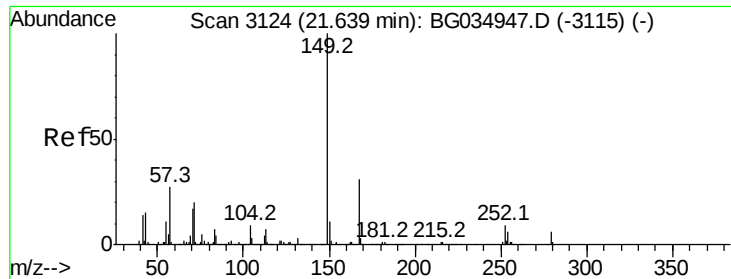
Sohil
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#82
 Chrysene
 Concen: 46.553 ng
 RT: 21.74 min Scan# 3142
 Delta R.T. -0.02 min
 Lab File: BG035208.D
 Acq: 16 Jun 2018 15:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.5	24.9	37.3
229	20.8	15.0	22.4





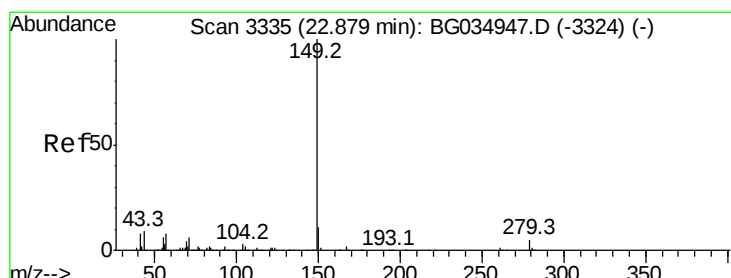
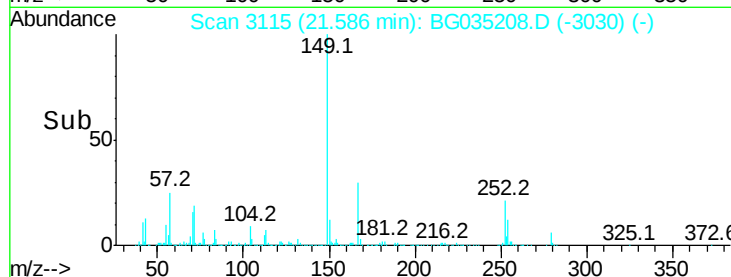
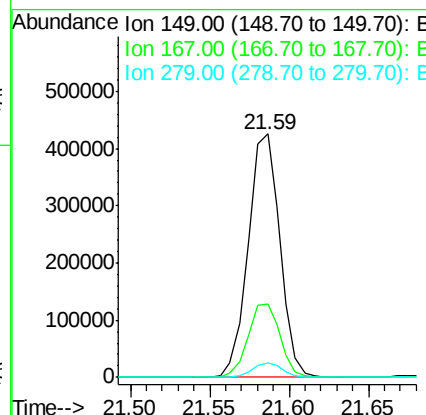
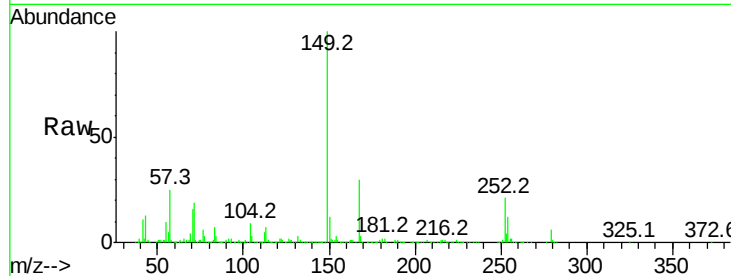
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.311 ng
 RT: 21.59 min Scan# 3115
 Delta R.T. -0.03 min
 Lab File: BG035208.D
 Acq: 16 Jun 2018 15:00

Instrument :
 BNA_G
 ClientSampleId :
 SB-44COMPMSD

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

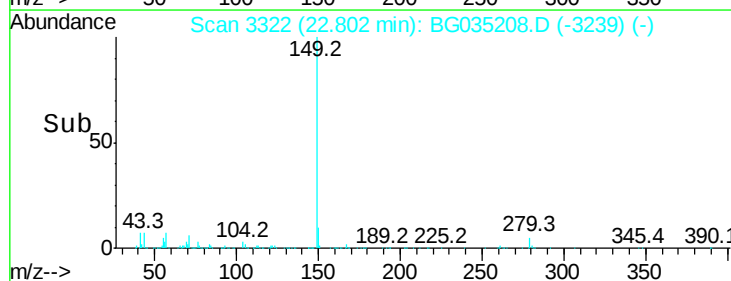
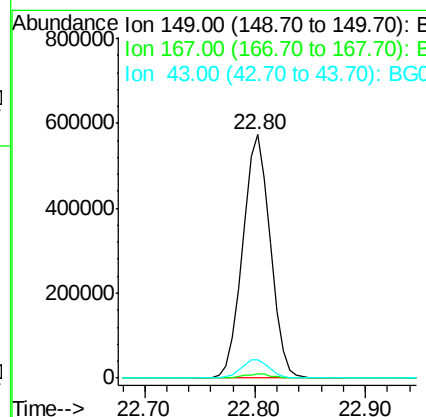
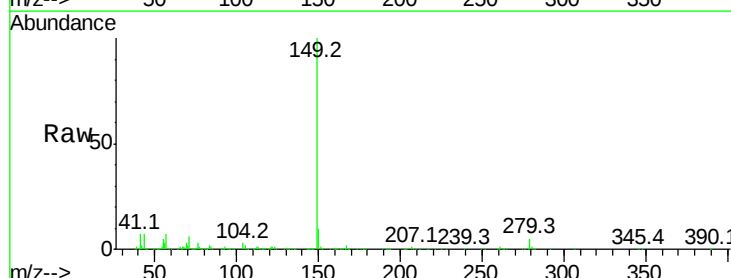
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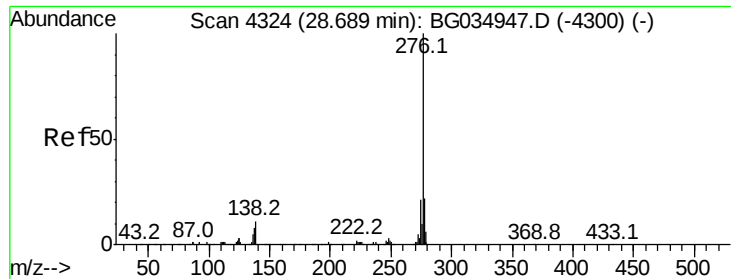
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#84
 Di-n-octyl phthalate
 Concen: 43.216 ng
 RT: 22.80 min Scan# 3322
 Delta R.T. -0.04 min
 Lab File: BG035208.D
 Acq: 16 Jun 2018 15:00

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	7.6	8.9	13.3#





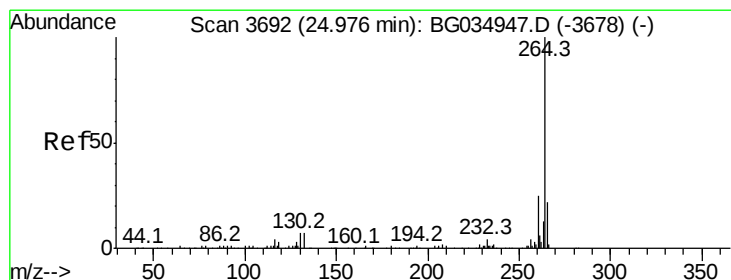
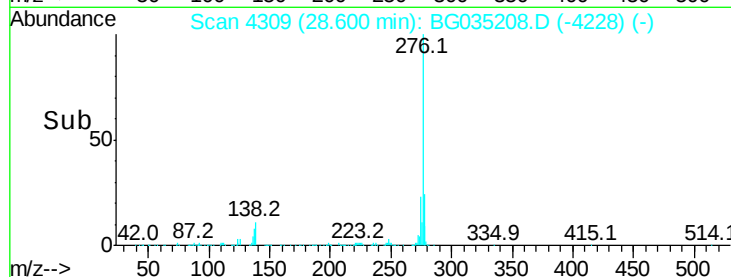
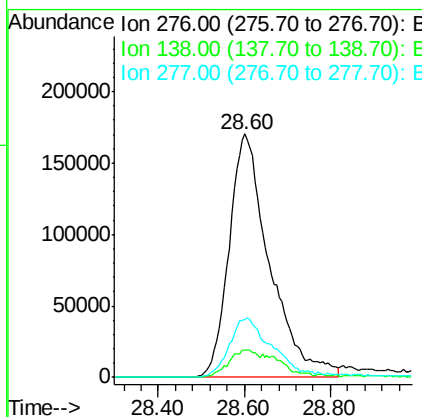
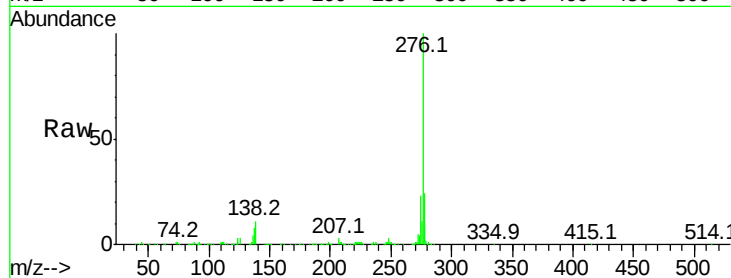
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.489 ng
 RT: 28.60 min Scan# 4309
 Delta R.T. -0.05 min
 Lab File: BG035208.D
 Acq: 16 Jun 2018 15:00

Instrument :
 BNA_G
 ClientSampleId :
 SB-44COMPMSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	7.9	16.0	24.0#
277	24.9	20.0	30.0

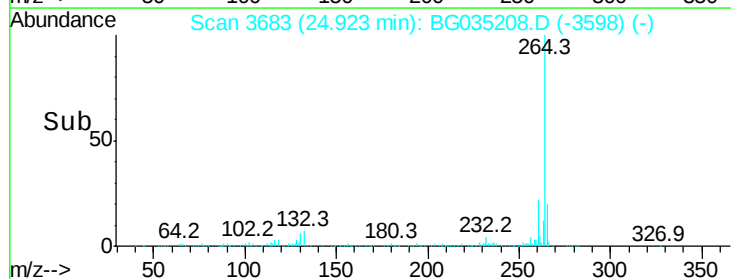
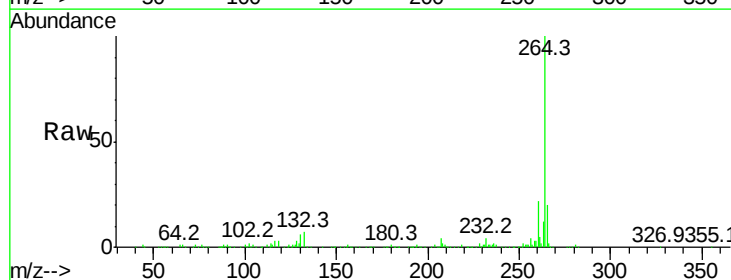
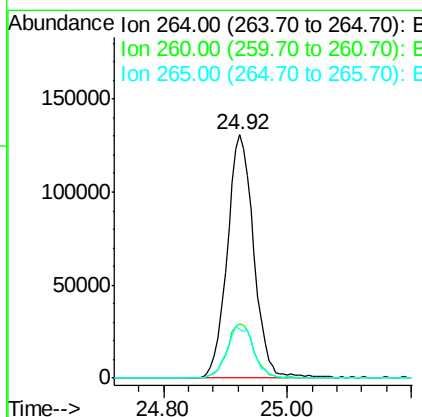
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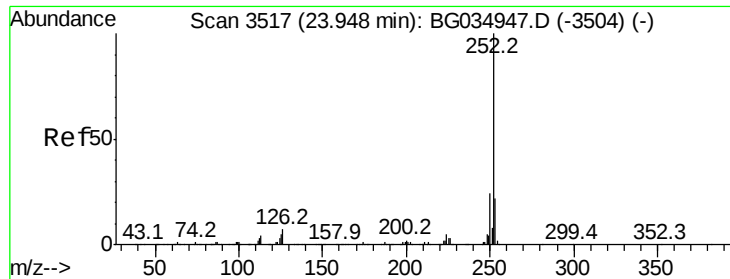
Sohil
 6/18/2018 10:43:04 AM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.92 min Scan# 3683
 Delta R.T. -0.03 min
 Lab File: BG035208.D
 Acq: 16 Jun 2018 15:00

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.3	17.4	26.0
265	20.1	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 47.369 ng

RT: 23.90 min Scan# 3509

Delta R.T. -0.02 min

Lab File: BG035208.D

Acq: 16 Jun 2018 15:00

Instrument :

BNA_G

ClientSampleId :

SB-44COMPMSD

Tot Ion:252 Resp: 1134886

Ion Ratio Lower Upper

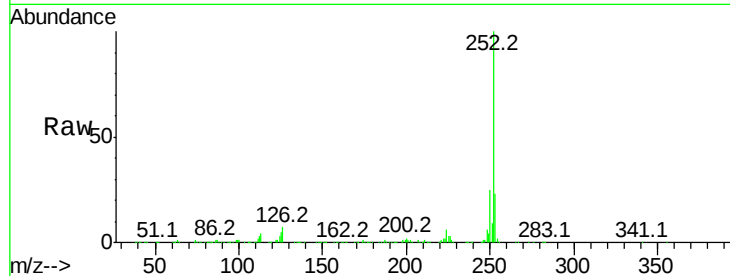
252 100

253 22.7 18.2 27.4

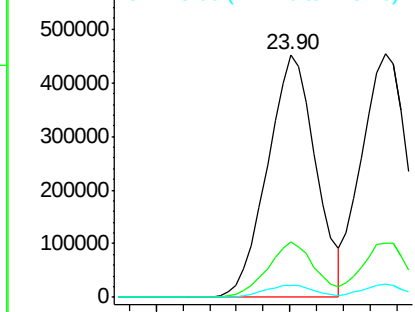
125 5.1 7.2 10.8#

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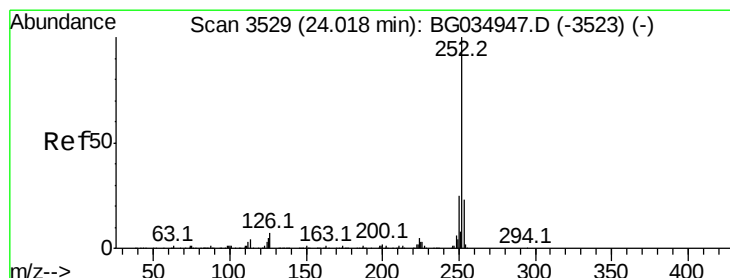
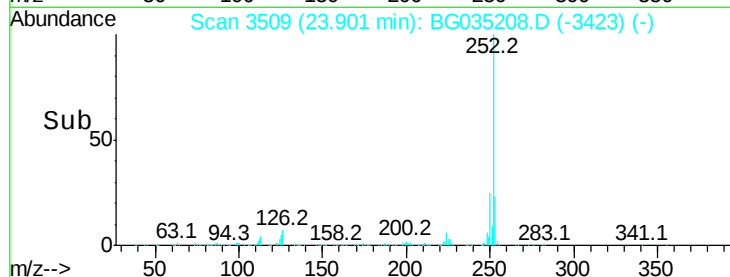
Sohil
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time-->



#88

Benzo(k)fluoranthene

Concen: 46.525 ng

RT: 23.97 min Scan# 3521

Delta R.T. -0.02 min

Lab File: BG035208.D

Acq: 16 Jun 2018 15:00

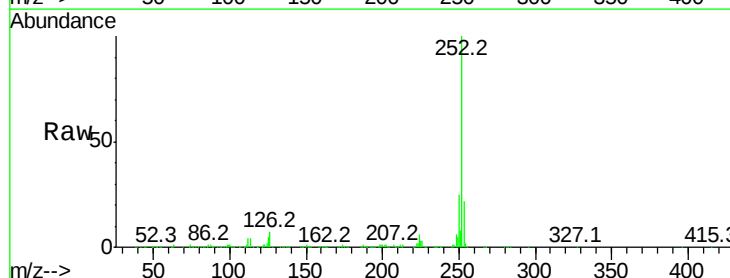
Tgt Ion:252 Resp: 1090394

Ion Ratio Lower Upper

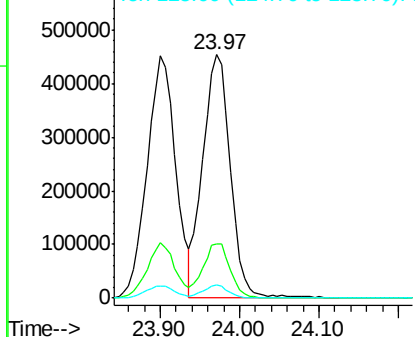
252 100

253 22.4 17.4 26.2

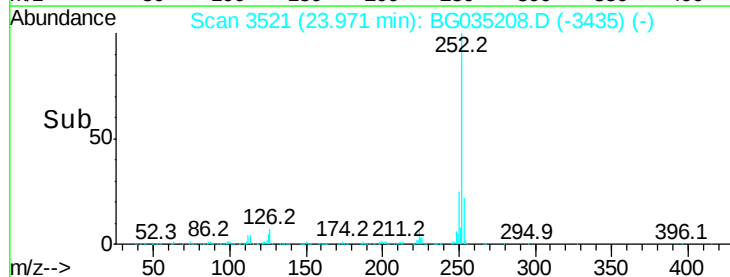
125 5.4 6.6 9.8#

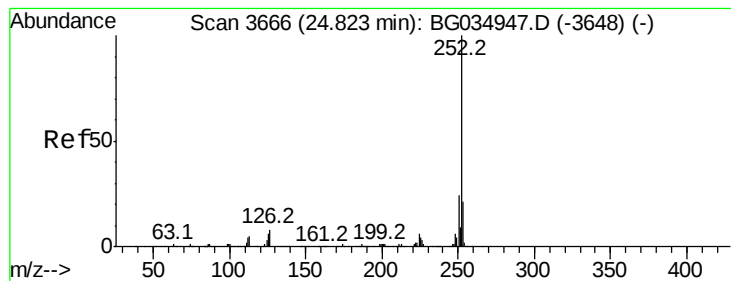


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time-->





#89

Benzo(a)pyrene

Concen: 47.900 ng

RT: 24.78 min Scan# 3658

Delta R.T. -0.03 min

Lab File: BG035208.D

Acq: 16 Jun 2018 15:00

Instrument :

BNA_G

ClientSampleId :

SB-44COMPMSD

Tot Ion:252 Resp: 1079868

Ion Ratio Lower Upper

252 100

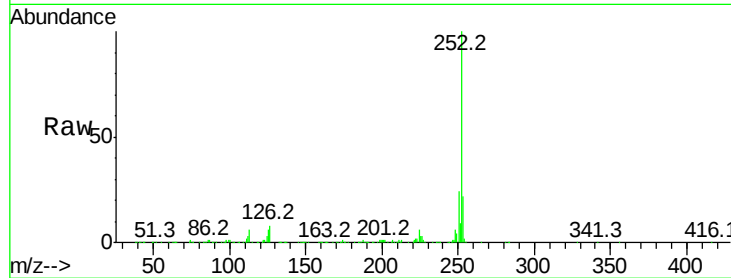
253 22.4 18.3 27.5

125 6.0 7.3 10.9#

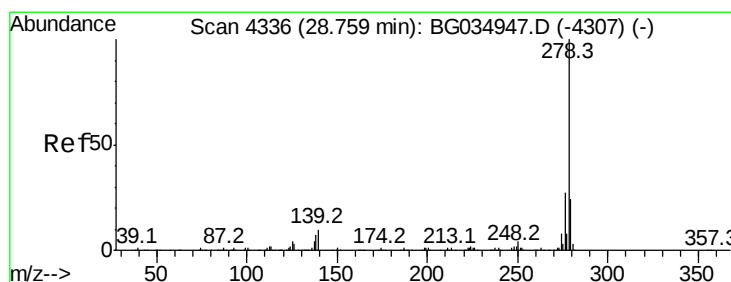
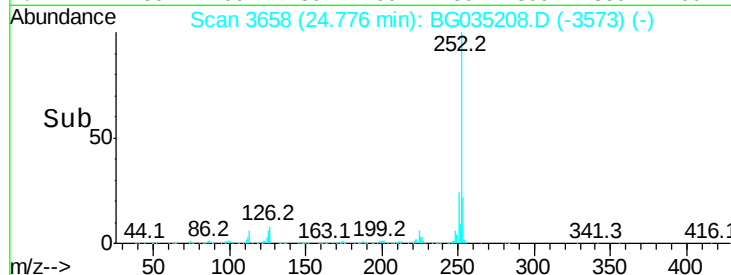
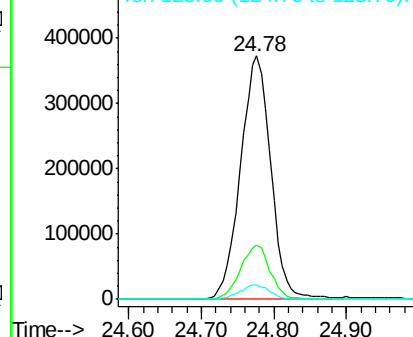
Manual Integrations
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 39.590 ng

RT: 28.67 min Scan# 4321

Delta R.T. -0.05 min

Lab File: BG035208.D

Acq: 16 Jun 2018 15:00

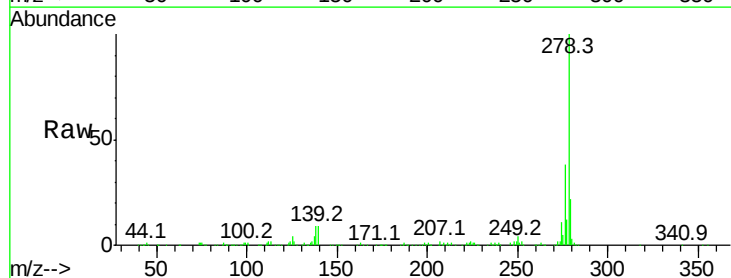
Tgt Ion:278 Resp: 881069

Ion Ratio Lower Upper

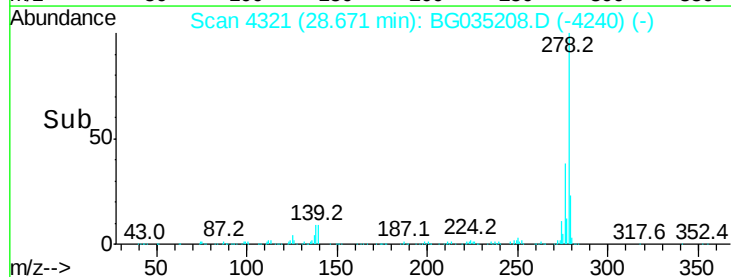
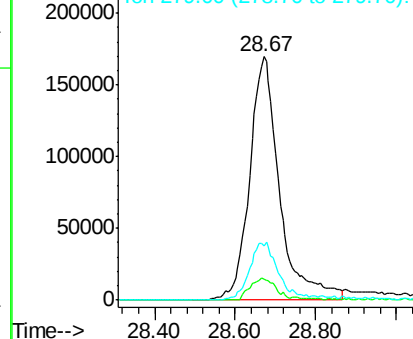
278 100

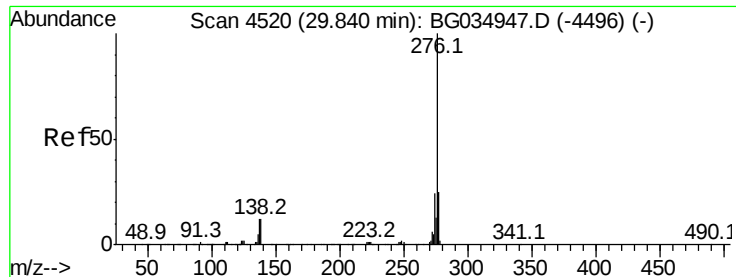
139 8.6 9.8 14.6#

279 22.5 18.4 27.6



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 41.991 ng
 RT: 29.76 min Scan# 4506
 Delta R.T. -0.05 min
 Lab File: BG035208.D
 Acq: 16 Jun 2018 15:00

Instrument :
 BNA_G
 ClientSampleId :
 SB-44COMPMSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.3	18.3	27.5
138	11.5	13.9	20.9

Manual Integrations
 APPROVED

Sohil
 6/18/2018 10:43:04 AM

