

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042519\
 Data File : BG040613.D
 Acq On : 25 Apr 2019 16:45
 Operator : JU/SJ
 Sample : K2535-02MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S37-0016MS

Manual Integrations
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 4/30/2019 6:59:36 PM

Quant Time: Apr 26 00:41:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	46451	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	197150	20.00	ng	0.00
39) Acenaphthene-d10	14.79	164	154595	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	395612	20.00	ng	0.00
76) Chrysene-d12	21.82	240	384945	20.00	ng	0.00
87) Perylene-d12	25.21	264	420913	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.68	112	181364	68.83	ng	0.00
7) Phenol-d6	7.29	99	185369	45.69	ng	0.00
23) Nitrobenzene-d5	9.33	82	401580	94.12	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	281191	132.33	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	859513	80.29	ng	0.00
79) Terphenyl-d14	20.13	244	1637235	94.23	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.55	88	22455	18.737	ng	97
3) Pyridine	3.96	79	48657	14.008	ng	98
4) n-Nitrosodimethylamine	3.88	42	37177	19.296	ng	97
6) Aniline	7.48	93	75675	14.072	ng	96
8) 2-Chlorophenol	7.71	128	117090	36.391	ng	93
9) Benzaldehyde	7.29	77	44047	13.776	ng	91
10) Phenol	7.32	94	68214	15.640	ng	95
11) bis(2-Chloroethyl)ether	7.57	93	140393	42.926	ng	96
12) 1,3-Dichlorobenzene	8.04	146	126018	35.883	ng	100
13) 1,4-Dichlorobenzene	8.19	146	125681	35.302	ng	99
14) 1,2-Dichlorobenzene	8.51	146	124513	36.265	ng	97
15) Benzyl Alcohol	8.39	79	122660	29.055	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.67	45	280054	43.009	ng	97
17) 2-Methylphenol	8.58	107	101121	32.762	ng	97
18) Hexachloroethane	9.24	117	48023	32.883	ng	92
19) n-Nitroso-di-n-propylamine	8.96	70	156430	42.830	ng	96
20) 3+4-Methylphenols	8.91	107	129116	30.029	ng	97
22) Acetophenone	8.99	105	257066	46.891	ng	# 99
24) Nitrobenzene	9.38	77	215233	47.279	ng	97
25) Isophorone	9.90	82	432631	45.520	ng	99
26) 2-Nitrophenol	10.08	139	76056	46.608	ng	89
27) 2,4-Dimethylphenol	10.13	122	149687	48.889	ng	96
28) bis(2-Chloroethoxy)methane	10.38	93	216087	45.316	ng	99
29) 2,4-Dichlorophenol	10.61	162	160715	46.172	ng	99
30) 1,2,4-Trichlorobenzene	10.84	180	147547	38.224	ng	97
31) Naphthalene	11.03	128	431821	41.228	ng	98
32) Benzoic acid	10.21	122	38164	18.208	ng	93
33) 4-Chloroaniline	11.14	127	48465	10.436	ng	# 89
34) Hexachlorobutadiene	11.30	225	97072	34.064	ng	98
35) Caprolactam	11.93	113	11024m	8.022	ng	
36) 4-Chloro-3-methylphenol	12.23	107	193350	44.032	ng	99
37) 2-Methylnaphthalene	12.63	142	340414	43.469	ng	99
38) 1-Methylnaphthalene	12.85	142	326616	42.670	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	220809	38.341	ng	98

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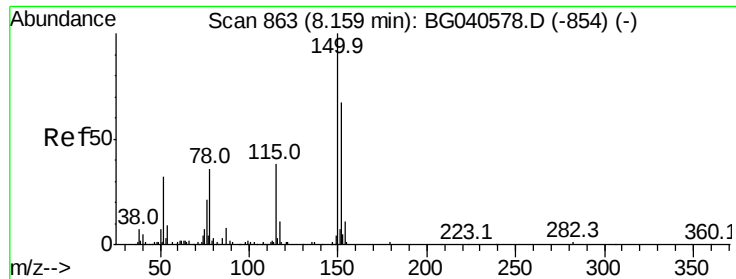
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	267897	78.832	nq	99
43) 2,4,6-Trichlorophenol	13.22	196	160114	46.007	nq	100
44) 2,4,5-Trichlorophenol	13.29	196	171468	45.228	nq	96
46) 1,1'-Biphenyl	13.62	154	484586	40.372	nq	97
47) 2-Chloronaphthalene	13.67	162	378509	40.295	nq	99
48) 2-Nitroaniline	13.87	65	175239	52.409	nq	94
49) Acenaphthylene	14.51	152	641987	40.283	nq	99
50) Dimethylphthalate	14.24	163	571713	44.200	nq	100
51) 2,6-Dinitrotoluene	14.36	165	120620	47.781	nq	90
52) Acenaphthene	14.85	154	389873	42.007	nq	94
53) 3-Nitroaniline	14.69	138	29453	11.387	nq	98
54) 2,4-Dinitrophenol	14.90	184	121827	85.079	nq	# 79
55) Dibenzofuran	15.18	168	651921	42.885	nq	98
56) 4-Nitrophenol	14.97	139	77308	34.469	nq	95
57) 2,4-Dinitrotoluene	15.14	165	175599	51.190	nq	# 94
58) Fluorene	15.83	166	529050	43.058	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.40	232	182062	47.711	nq	98
60) Diethylphthalate	15.59	149	610151	44.709	nq	100
61) 4-Chlorophenyl-phenylether	15.82	204	313680	43.895	nq	95
62) 4-Nitroaniline	15.86	138	122820	42.448	nq	97
63) Azobenzene	16.11	77	626951	44.608	nq	97
65) 4,6-Dinitro-2-methylphenol	15.90	198	88748	45.894	nq	97
66) n-Nitrosodiphenylamine	16.04	169	494898	42.519	nq	99
67) 4-Bromophenyl-phenylether	16.72	248	209959	42.599	nq	96
68) Hexachlorobenzene	16.82	284	213768	41.945	nq	97
69) Atrazine	16.98	200	214282	46.467	nq	99
70) Pentachlorophenol	17.17	266	266319	89.302	nq	98
71) Phenanthrene	17.58	178	925638	43.439	nq	98
72) Anthracene	17.67	178	958584	44.754	nq	99
73) Carbazole	17.93	167	857719	43.954	nq	99
74) Di-n-butylphthalate	18.47	149	1043386	44.299	nq	99
75) Fluoranthene	19.58	202	1186395	44.678	nq	99
77) Benzidine	19.76	184	264160	25.063	nq	99
78) Pyrene	19.94	202	1191739	49.395	nq	99
80) Butylbenzylphthalate	20.81	149	474302	50.439	nq	99
81) Benzo(a)anthracene	21.81	228	1143160	46.988	nq	99
82) 3,3'-Dichlorobenzidine	21.71	252	154578	17.826	nq	97
83) Chrysene	21.88	228	1117793	48.311	nq	99
84) Bis(2-ethylhexyl)phthalate	21.69	149	660640	48.670	nq	97
85) Di-n-octyl phthalate	22.96	149	1141926	49.952	nq	98
86) Indeno(1,2,3-cd)pyrene	29.11	276	1380970	49.366	nq	# 92
88) Benzo(b)fluoranthene	24.12	252	1180416	45.892	nq	99
89) Benzo(k)fluoranthene	24.20	252	1126943	46.914	nq	99
90) Benzo(a)pyrene	25.05	252	1143870	46.981	nq	99
91) Dibenzo(a,h)anthracene	29.18	278	1129878	45.858	nq	97
92) Benzo(g,h,i)perylene	30.34	276	1123925	45.834	nq	99

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



#1

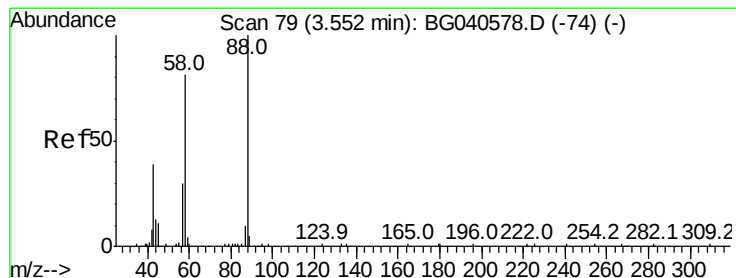
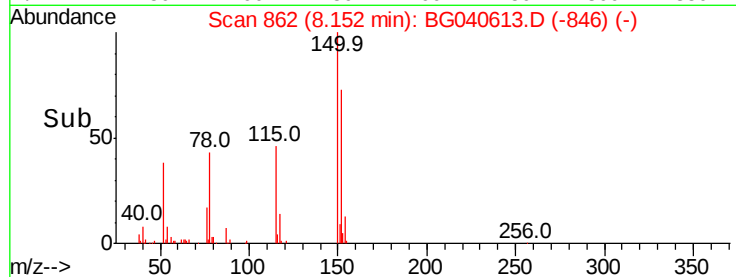
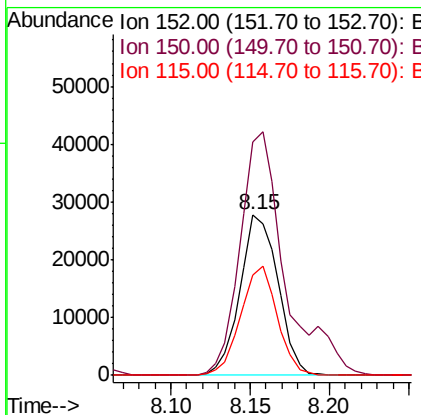
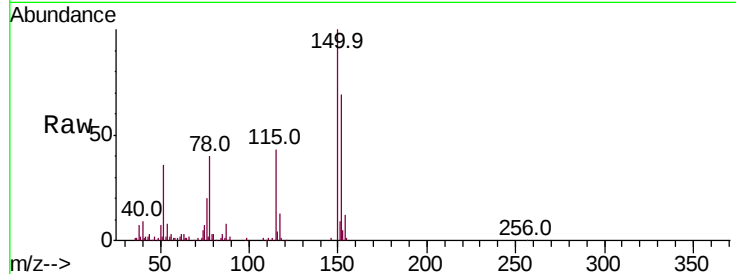
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 862
Delta R.T. -0.01 min
Lab File: BG040613.D
Acq: 25 Apr 2019 16:45

Instrument :
BNA_G
ClientSampleID :
S37-0016MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.3	120.2	180.2
115	62.8	46.2	69.2

Manual Integrations
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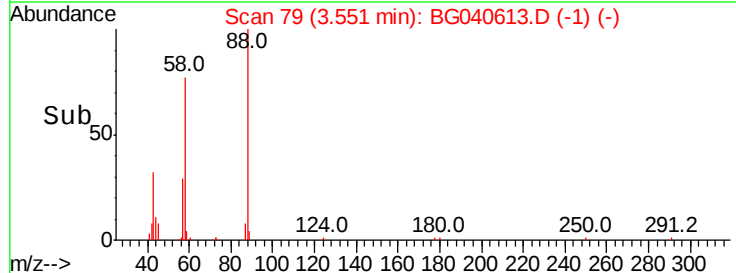
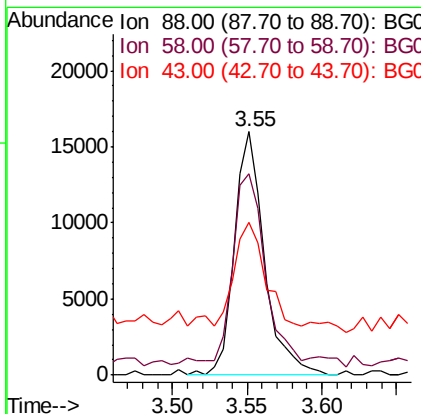
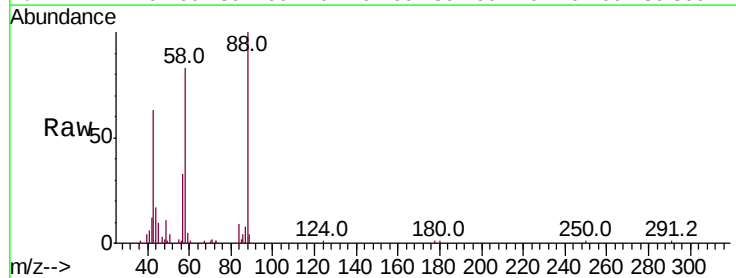
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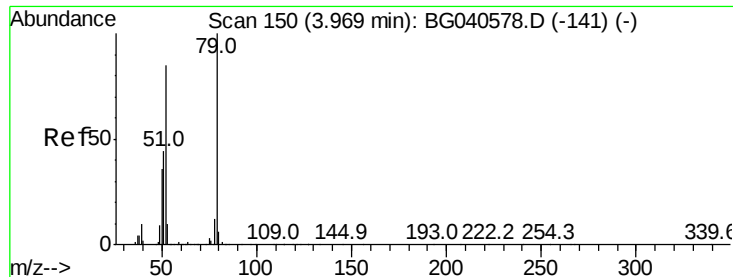


#2

1,4-Dioxane
Concen: 18.737 ng
RT: 3.55 min Scan# 79
Delta R.T. -0.00 min
Lab File: BG040613.D
Acq: 25 Apr 2019 16:45

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.2	71.2	106.8
43	42.7	35.6	53.4





#3

Pvridine

Concen: 14.008 ng

RT: 3.96 min Scan# 149

Delta R.T. -0.01 min

Lab File: BG040613.D

Acq: 25 Apr 2019 16:45

Instrument :

BNA_G

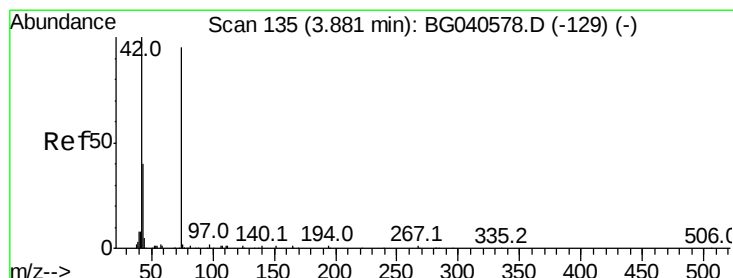
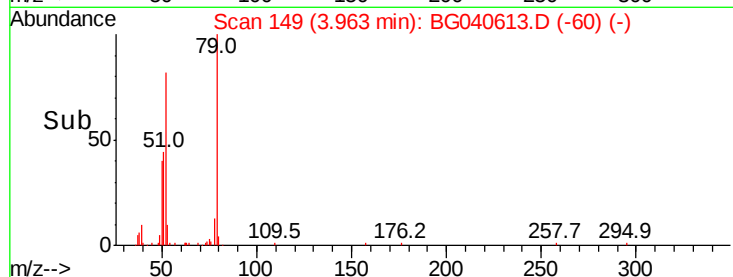
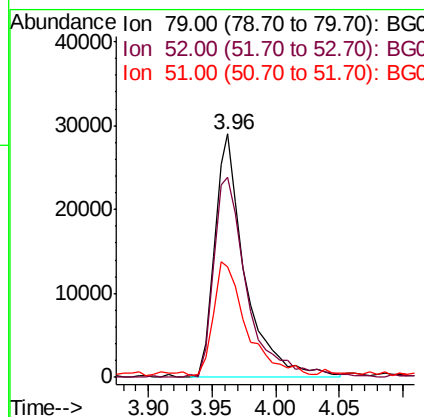
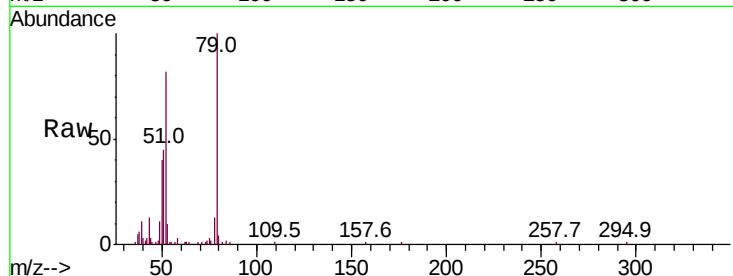
ClientSampleId :

S37-0016MS

Tot Ion:	79	Resp:	48657
Ion	Ratio	Lower	Upper
79	100		
52	82.0	67.5	101.3
51	45.5	35.6	53.4

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#4

n-Nitrosodimethylamine

Concen: 19.296 ng

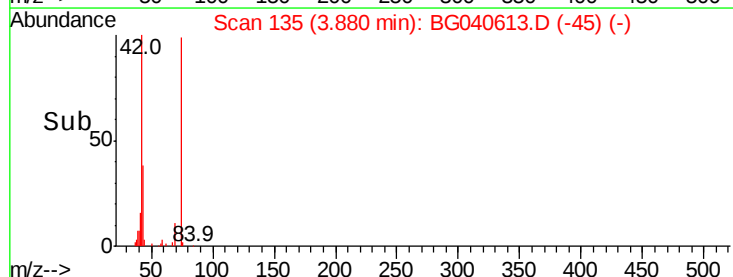
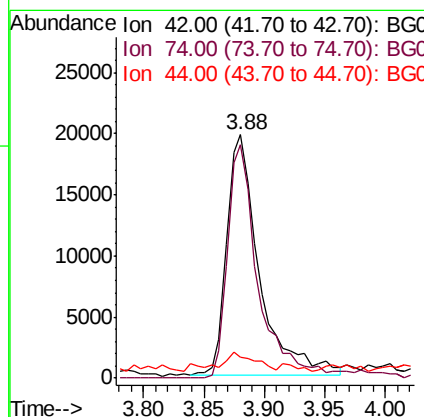
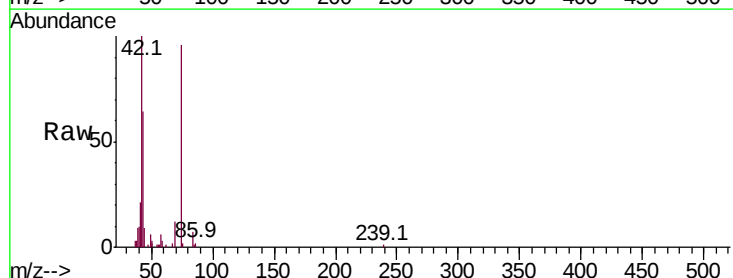
RT: 3.88 min Scan# 135

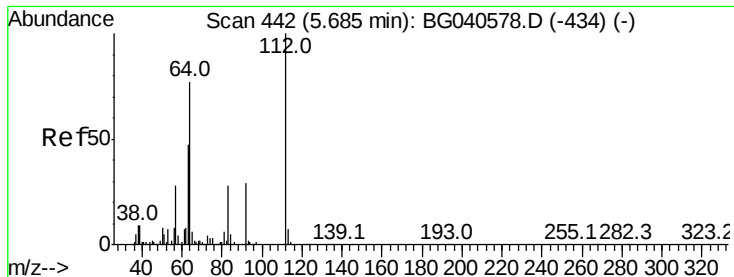
Delta R.T. -0.00 min

Lab File: BG040613.D

Acq: 25 Apr 2019 16:45

Tgt Ion:	42	Resp:	37177
Ion	Ratio	Lower	Upper
42	100		
74	95.9	74.6	111.8
44	8.7	7.4	11.0





#5

2-Fluorophenol

Concen: 68.826 ng

RT: 5.68 min Scan# 442

Delta R.T. 0.00 min

Lab File: BG040613.D

Acq: 25 Apr 2019 16:45

Instrument :

BNA_G

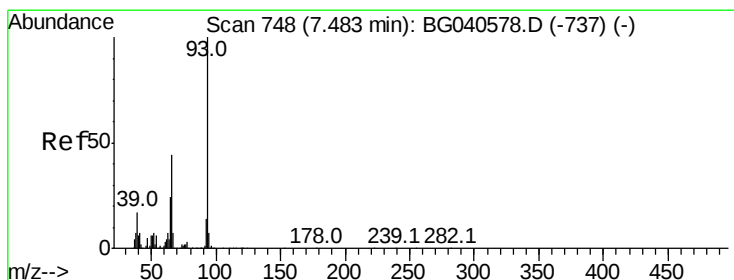
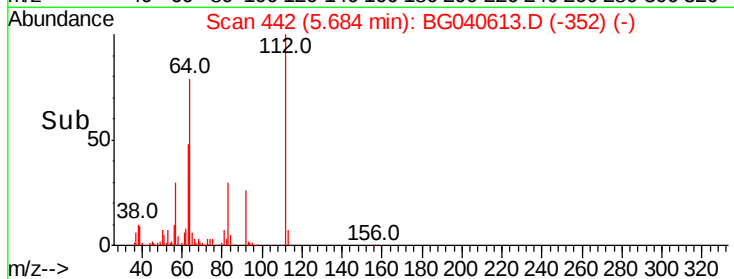
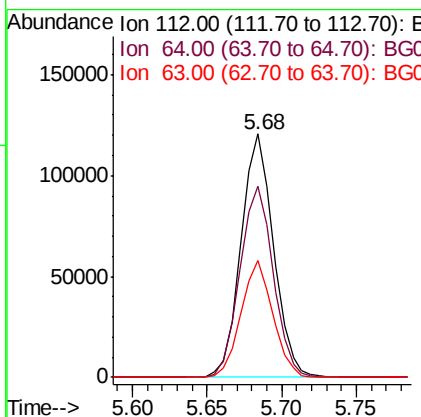
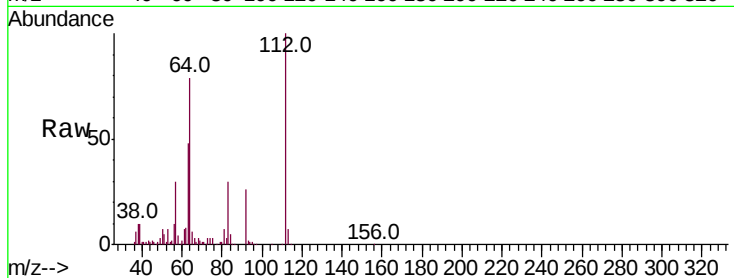
ClientSampleId :

S37-0016MS

Tot Ion:	112	Resp:	181364
Ion Ratio	Lower	Upper	
112	100		
64	78.6	61.4	92.0
63	47.9	37.8	56.6

Manual Integrations
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#6

Aniline

Concen: 14.072 ng

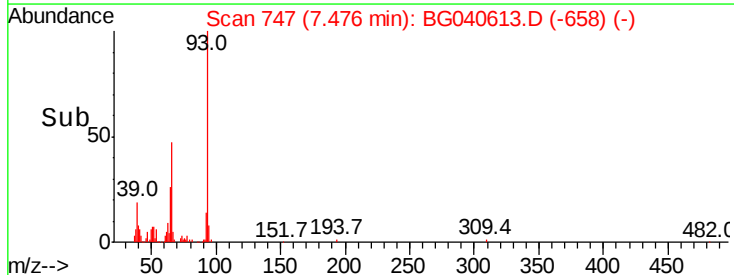
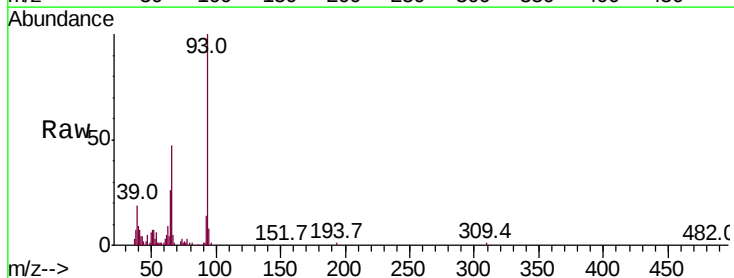
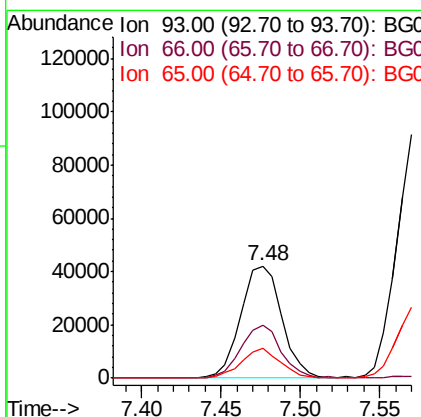
RT: 7.48 min Scan# 747

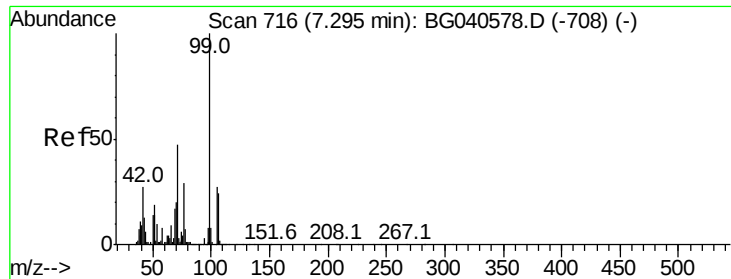
Delta R.T. -0.01 min

Lab File: BG040613.D

Acq: 25 Apr 2019 16:45

Tgt Ion:	93	Resp:	75675
Ion Ratio	Lower	Upper	
93	100		
66	47.1	35.5	53.3
65	26.4	19.2	28.8





#7

Phenol-d6

Concen: 45.687 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BG040613.D

Acq: 25 Apr 2019 16:45

Instrument :

BNA_G

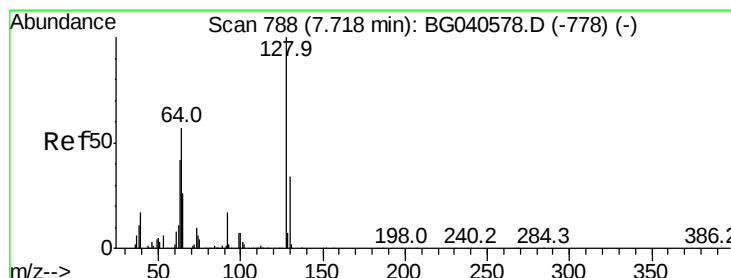
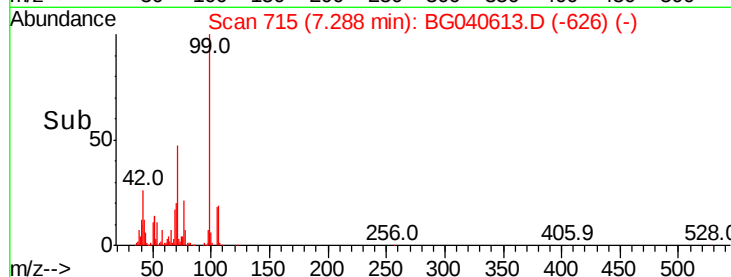
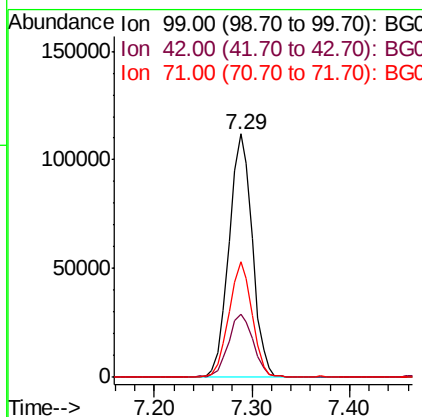
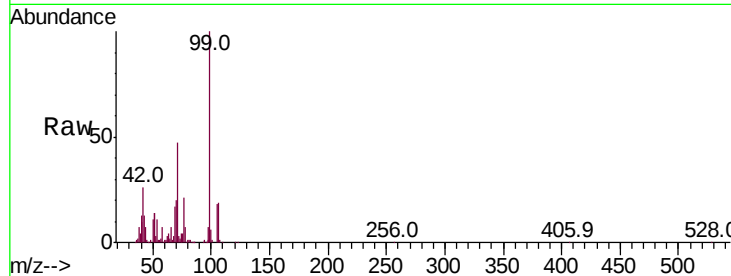
ClientSampleId :

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Tot Ion:	99	Resp:	185369
Ion Ratio	Lower	Upper	
99	100		
42	26.0	21.8	32.8
71	47.4	38.6	57.8

Manual Integrations
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#8

2-Chlorophenol

Concen: 36.391 ng

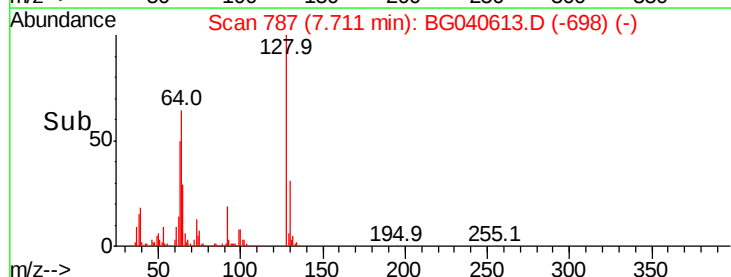
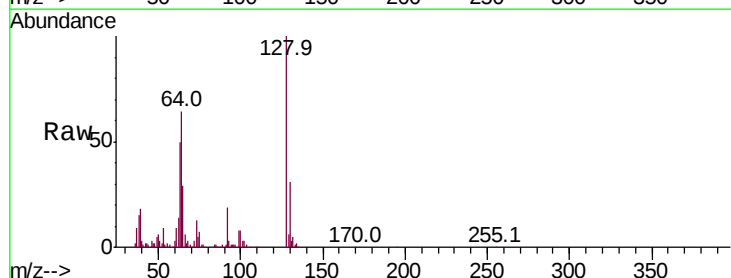
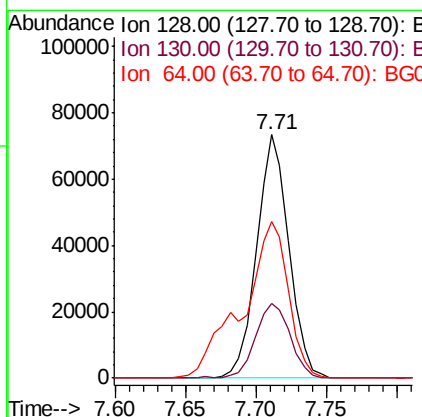
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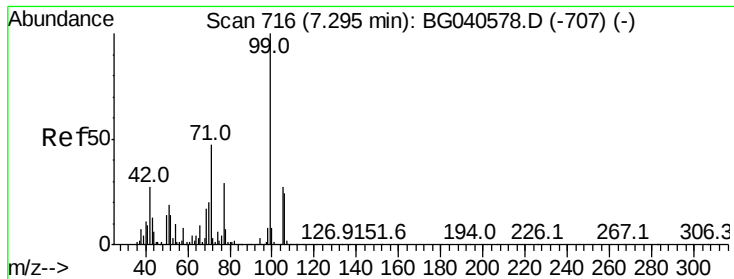
Delta R.T. -0.01 min

Lab File: BG040613.D

Acq: 25 Apr 2019 16:45

Tgt Ion:	128	Resp:	117090
Ion Ratio	Lower	Upper	
128	100		
130	30.5	14.5	54.5
64	64.1	38.4	78.4





#9

Benzaldehyde

Concen: 13.776 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.00 min

Lab File: BG040613.D

Acq: 25 Apr 2019 16:45

Instrument :

BNA_G

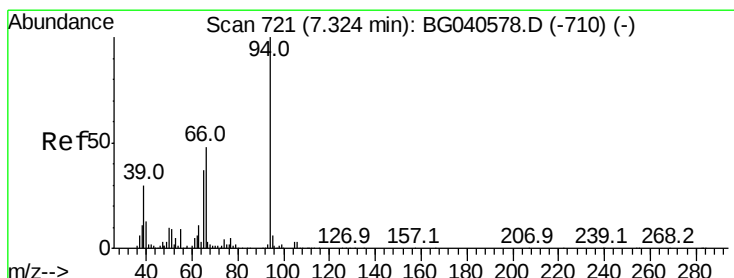
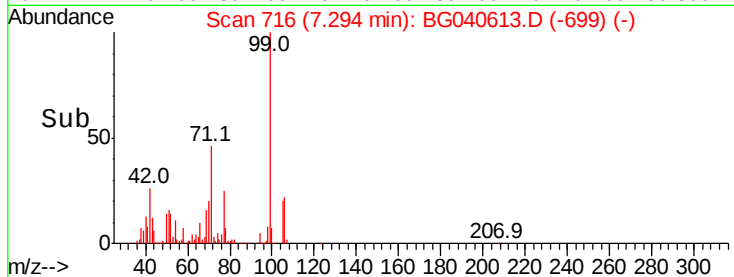
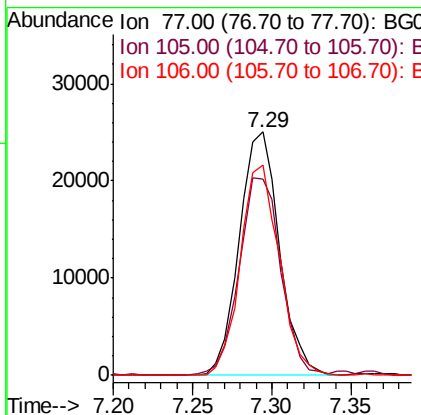
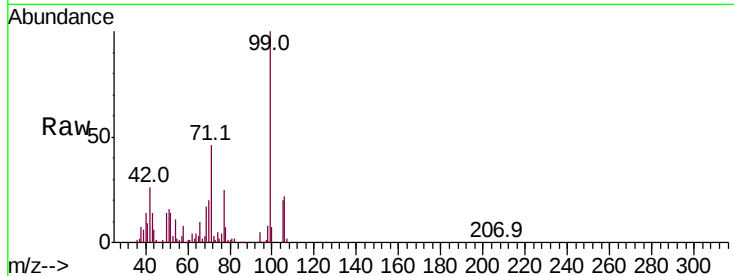
ClientSampleId :

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Tot Ion:	77	Resp:	44047
Ion	Ratio	Lower	Upper
77	100		
105	80.6	72.0	112.0
106	86.2	61.2	101.2

Manual Integrations
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#10

Phenol

Concen: 15.640 ng

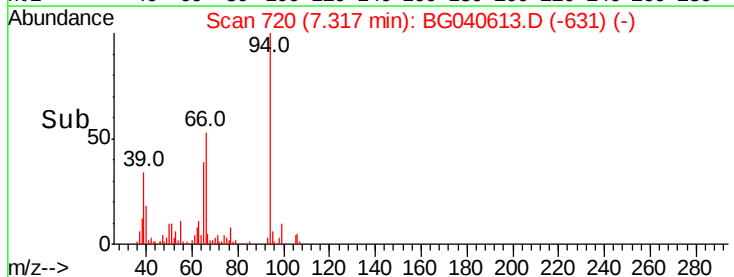
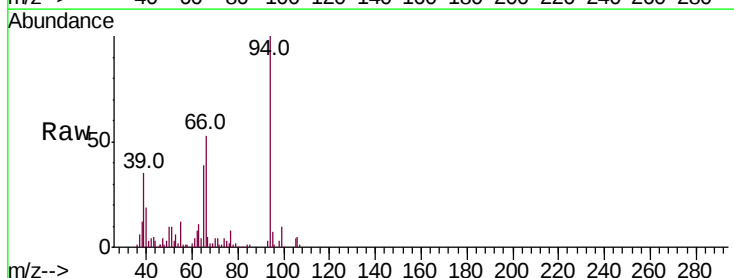
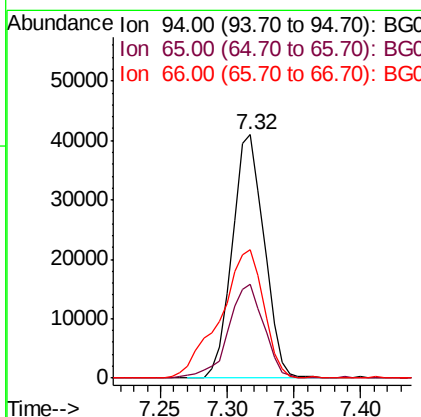
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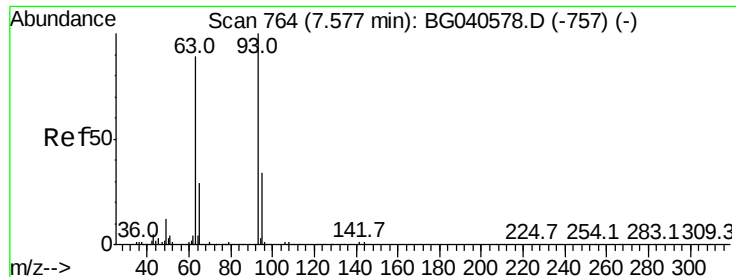
Delta R.T. -0.01 min

Lab File: BG040613.D

Acq: 25 Apr 2019 16:45

Tgt Ion:	94	Resp:	68214
Ion	Ratio	Lower	Upper
94	100		
65	38.8	17.0	57.0
66	52.5	28.6	68.6





#11

bis(2-Chloroethyl)ether

Concen: 42.926 ng

RT: 7.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BG040613.D

Acq: 25 Apr 2019 16:45

Instrument :

BNA_G

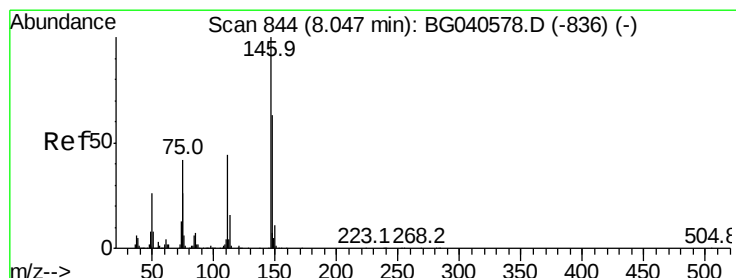
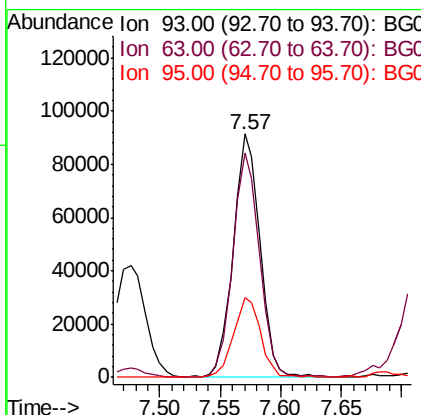
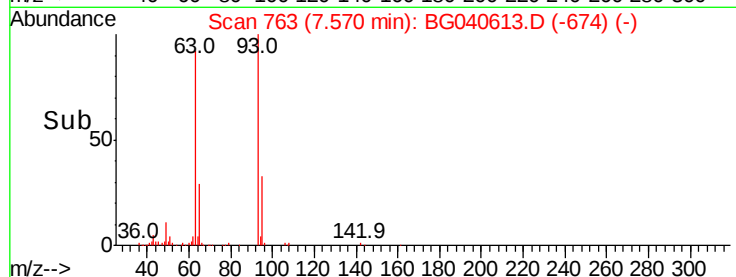
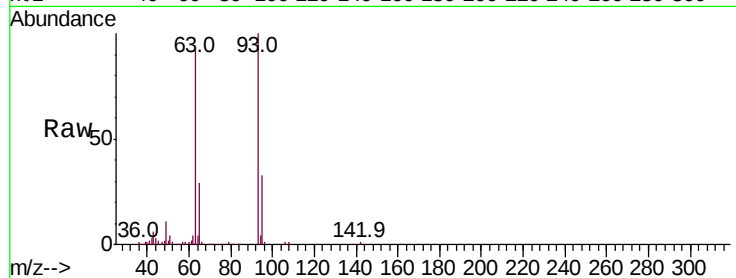
ClientSampleId :

S37-0016MS

Tot Ion:	93	Resp:	140393
Ion Ratio	Lower	Upper	
93	100		
63	92.1	68.2	108.2
95	32.8	14.3	54.3

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#12

1,3-Dichlorobenzene

Concen: 35.883 ng

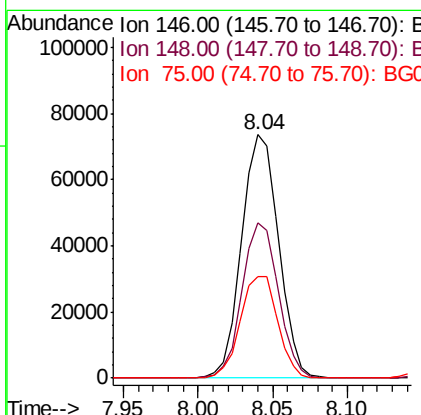
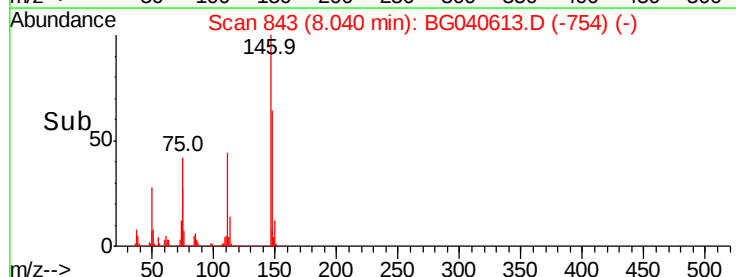
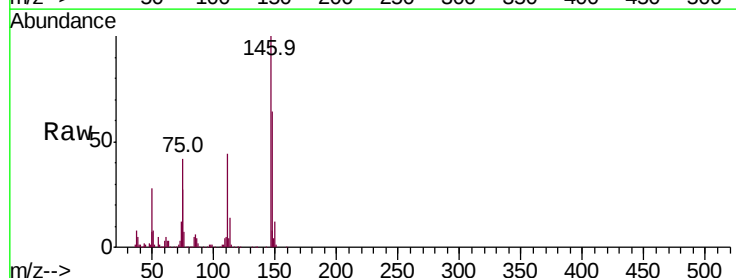
RT: 8.04 min Scan# 843

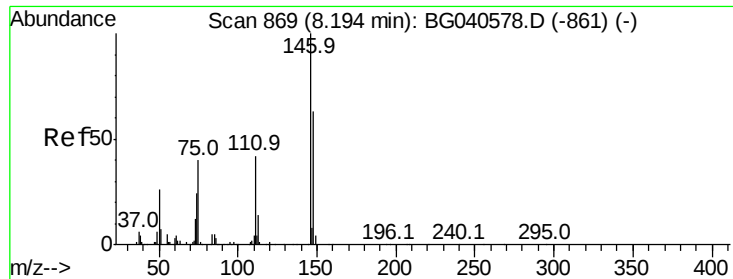
Delta R.T. -0.01 min

Lab File: BG040613.D

Acq: 25 Apr 2019 16:45

Tgt Ion:	146	Resp:	126018
Ion Ratio	Lower	Upper	
146	100		
148	63.9	50.7	76.1
75	41.7	33.4	50.2





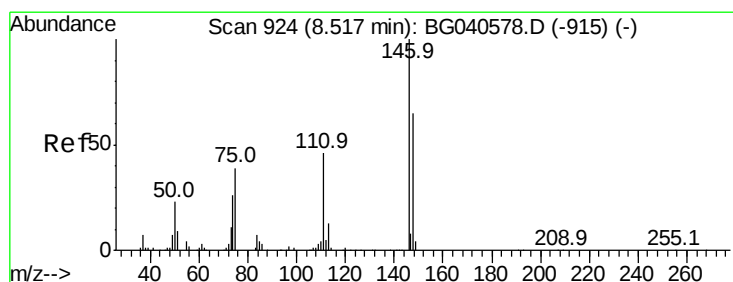
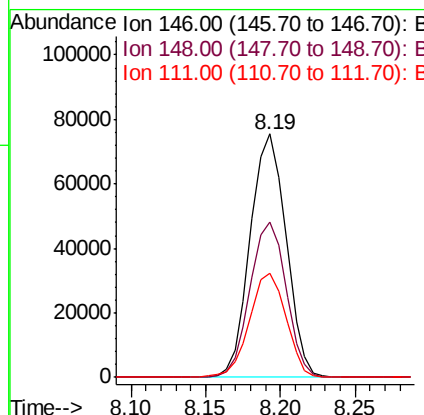
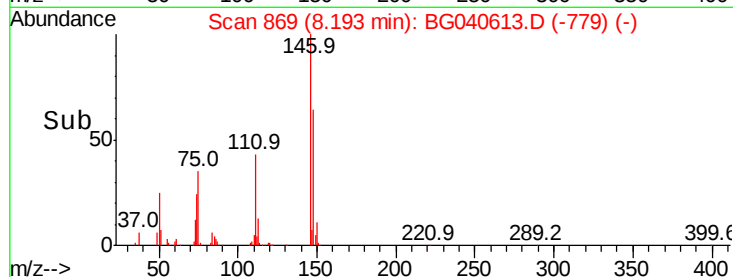
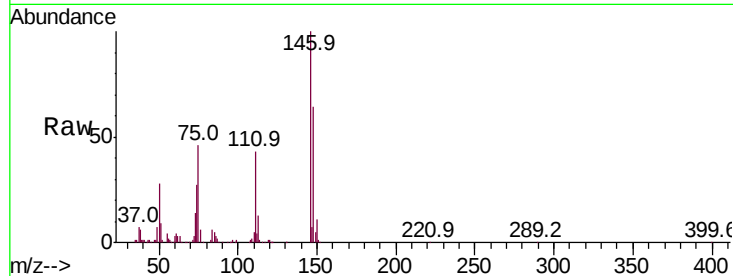
#13
 1,4-Dichlorobenzene
 Concen: 35.302 ng
 RT: 8.19 min Scan# 869
 Delta R.T. -0.00 min
 Lab File: BG040613.D
 Acq: 25 Apr 2019 16:45

Instrument :
 BNA_G
 ClientSampleID :
 S37-0016MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.6	75.8
111	42.7	34.3	51.5

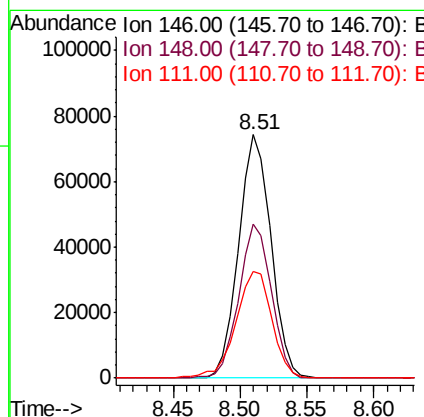
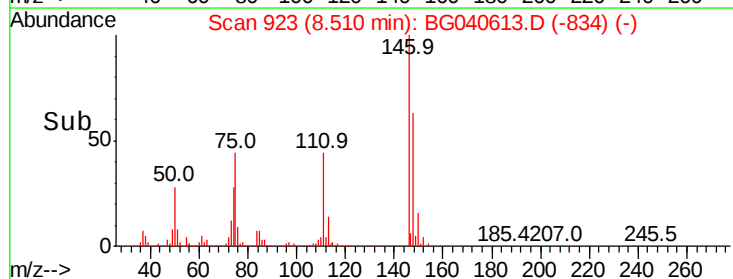
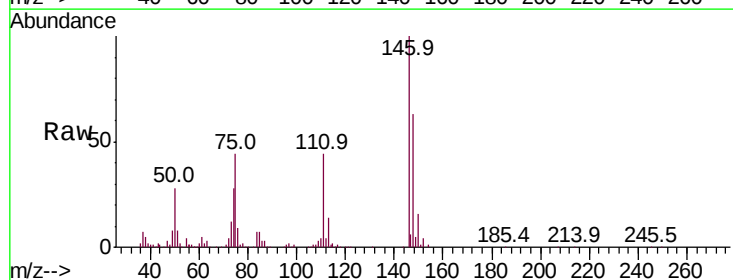
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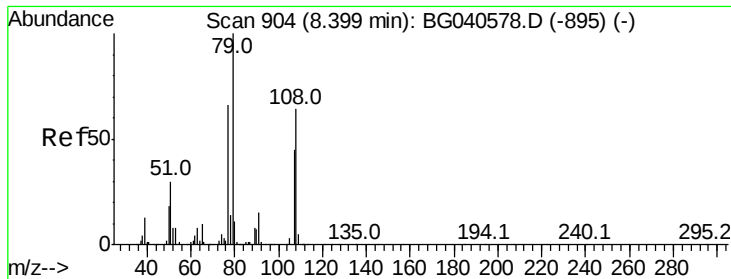
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#14
 1,2-Dichlorobenzene
 Concen: 36.265 ng
 RT: 8.51 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BG040613.D
 Acq: 25 Apr 2019 16:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	52.2	78.4
111	44.0	37.4	56.0





#15

Benzyl Alcohol

Concen: 29.055 ng

RT: 8.39 min Scan# 903

Delta R.T. -0.01 min

Lab File: BG040613.D

Acq: 25 Apr 2019 16:45

Instrument :

BNA_G

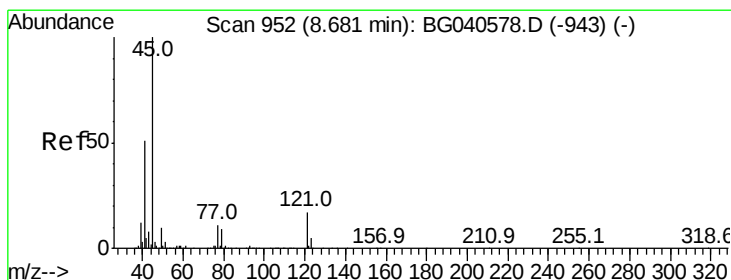
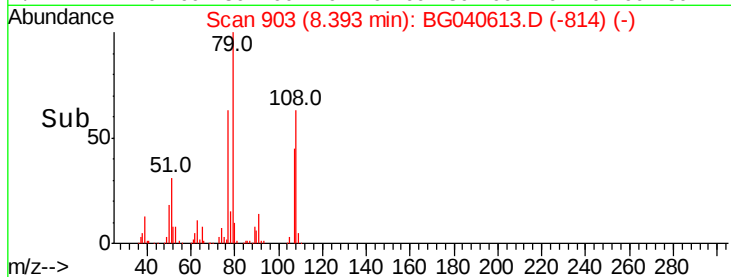
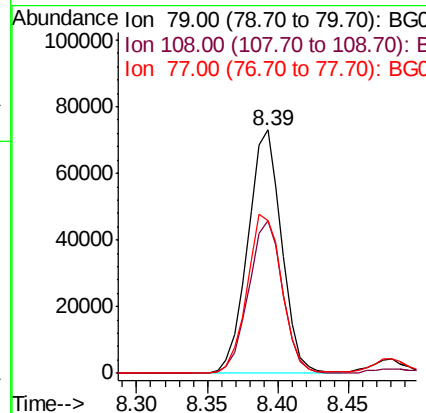
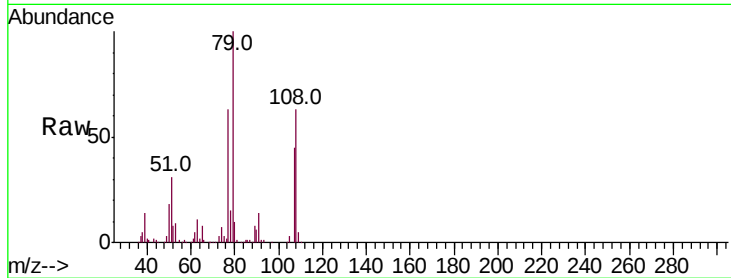
ClientSampleId :

S37-0016MS

Tot Ion:	79	Resp:	122660
Ion Ratio	Lower	Upper	
79	100		
108	62.6	51.4	77.0
77	62.8	52.6	79.0

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.009 ng

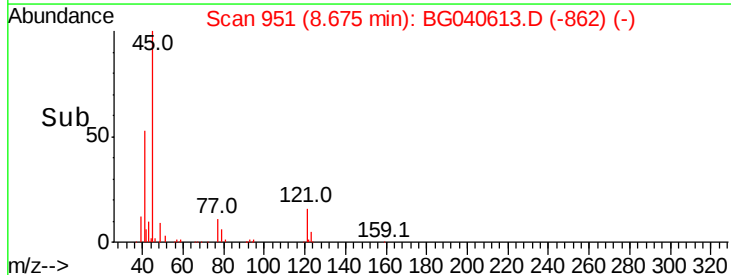
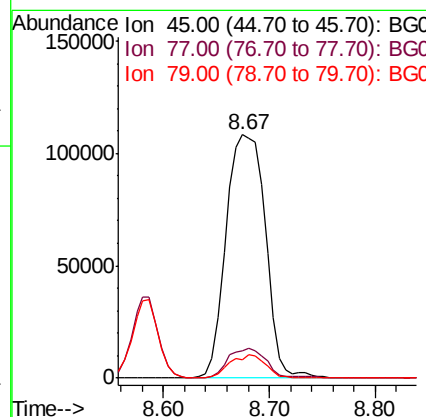
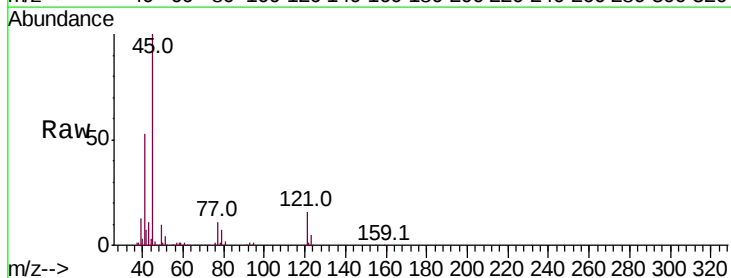
RT: 8.67 min Scan# 951

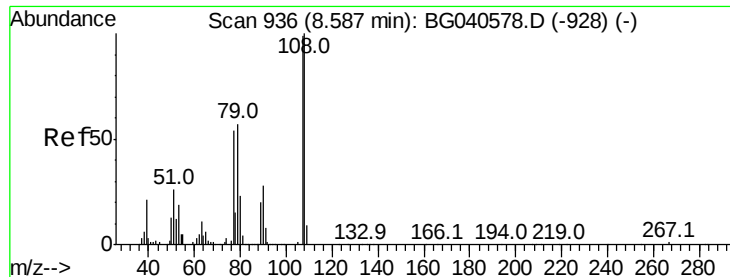
Delta R.T. -0.01 min

Lab File: BG040613.D

Acq: 25 Apr 2019 16:45

Tgt Ion:	45	Resp:	280054
Ion Ratio	Lower	Upper	
45	100		
77	11.4	0.0	31.5
79	7.5	0.0	29.4





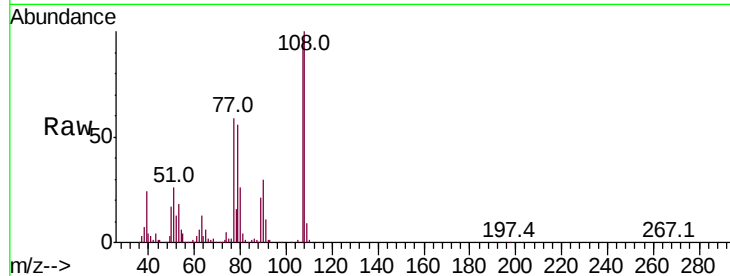
#17
2-Methylphenol
Concen: 32.762 ng
RT: 8.58 min Scan# 935
Delta R.T. -0.01 min
Lab File: BG040613.D
Acq: 25 Apr 2019 16:45

Instrument :
BNA_G
ClientSampleId :
S37-0016MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	103.7	81.2	121.8	
77	61.0	44.4	66.6	
79	58.0	47.0	70.4	

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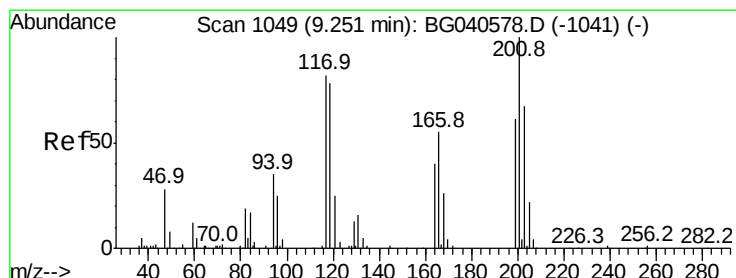
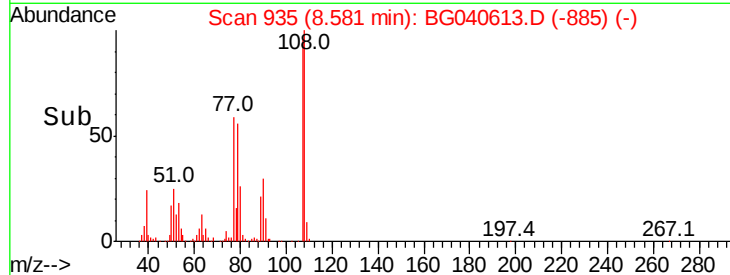
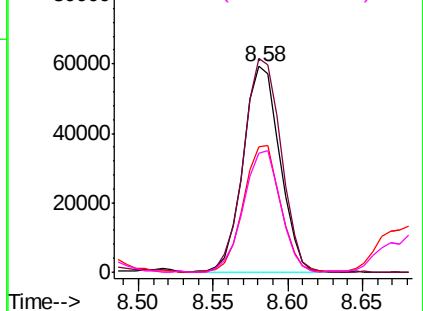
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 32.883 ng
RT: 9.24 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BG040613.D
Acq: 25 Apr 2019 16:45

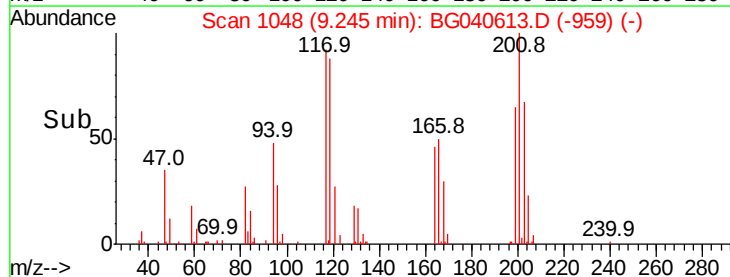
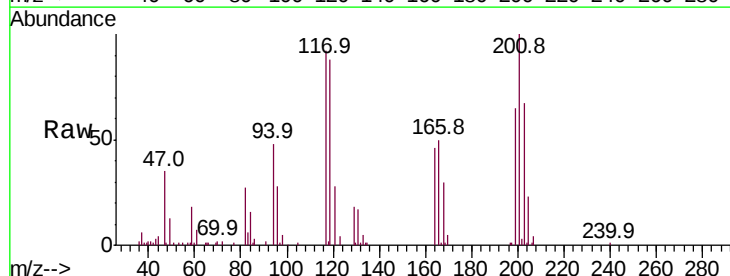
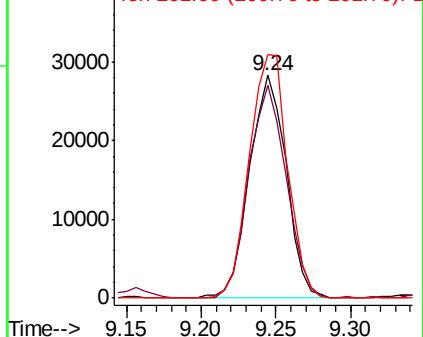
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.7	76.6	114.8	
201	109.2	101.0	151.6	

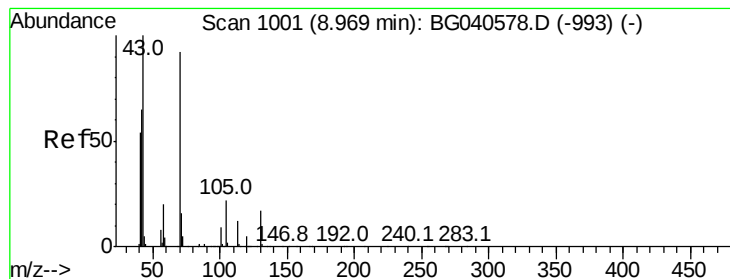
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 42.830 ng

RT: 8.96 min Scan# 1000

Delta R.T. -0.01 min

Lab File: BG040613.D

Acq: 25 Apr 2019 16:45

Instrument :

BNA_G

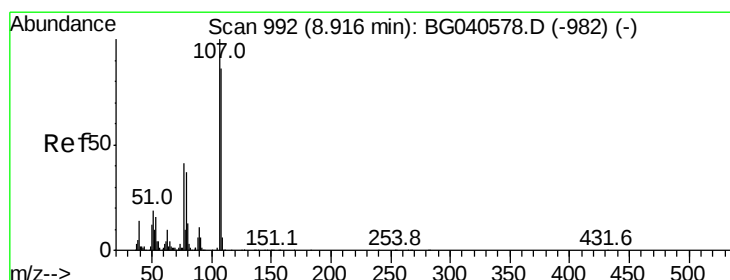
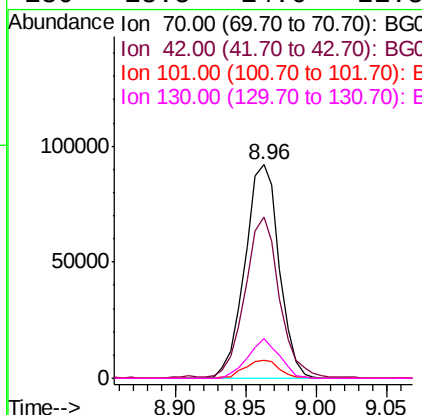
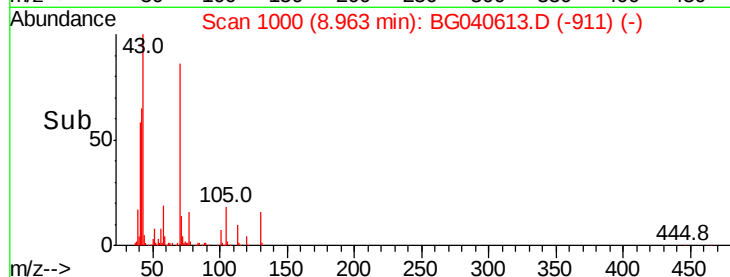
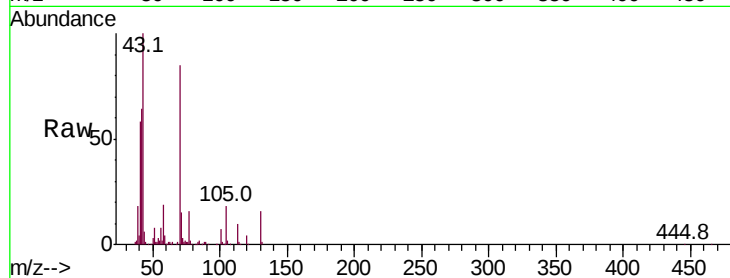
ClientSampleId :

S37-0016MS

Tot Ion:	70	Resp:	156430
Ion Ratio	Lower	Upper	
70	100		
42	75.5	57.1	85.7
101	8.5	7.8	11.8
130	18.5	14.6	21.8

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#20

3+4-Methylphenols

Concen: 30.029 ng

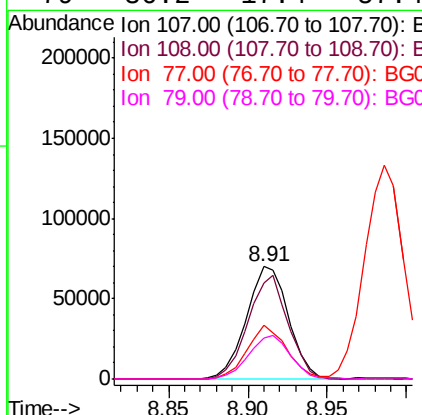
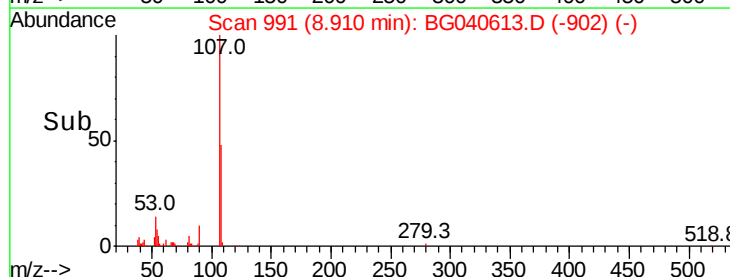
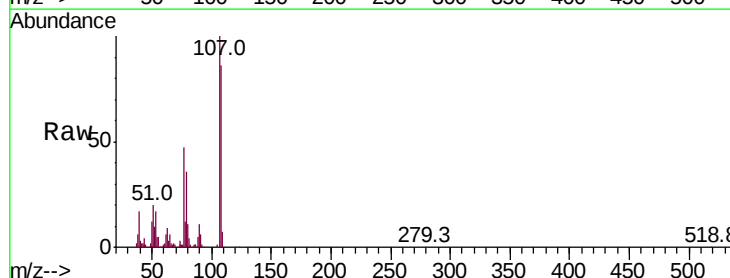
RT: 8.91 min Scan# 991

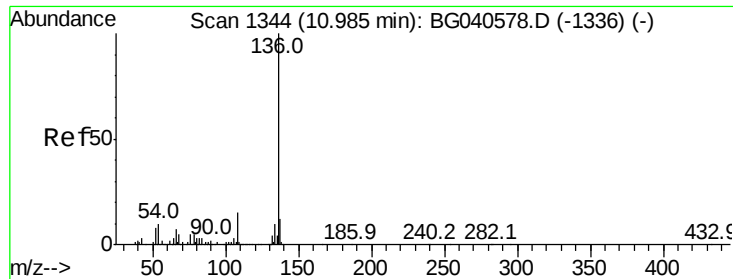
Delta R.T. -0.01 min

Lab File: BG040613.D

Acq: 25 Apr 2019 16:45

Tgt Ion:	107	Resp:	129116
Ion Ratio	Lower	Upper	
107	100		
108	85.9	66.1	106.1
77	47.4	21.6	61.6
79	36.2	17.4	57.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.98 min Scan# 1344

Delta R.T. -0.00 min

Lab File: BG040613.D

Acq: 25 Apr 2019 16:45

Instrument :

BNA_G

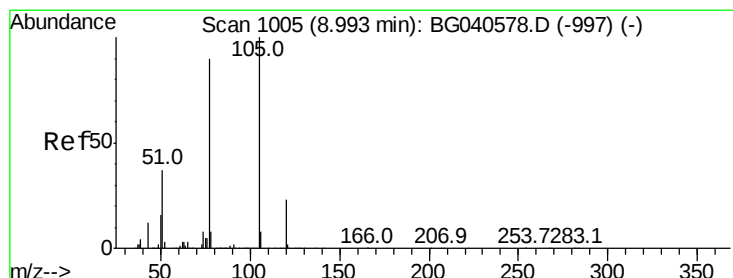
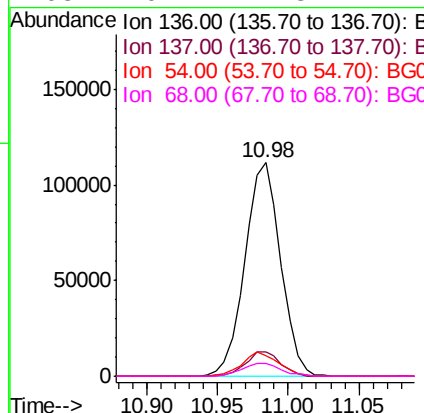
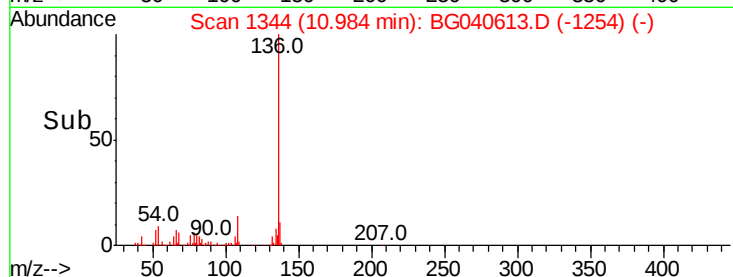
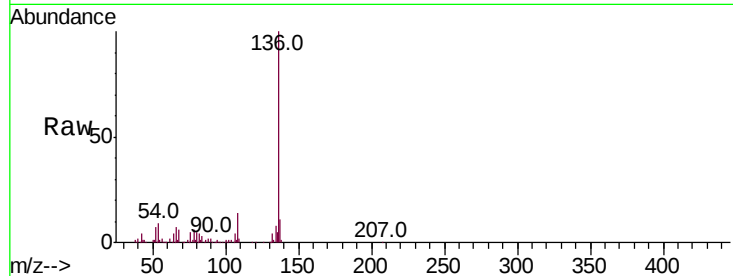
ClientSampleId :

S37-0016MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	197150		
137	11.3		9.7	14.5
54	9.3		8.6	12.8
68	6.2		4.8	7.2

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#22

Acetophenone

Concen: 46.891 ng

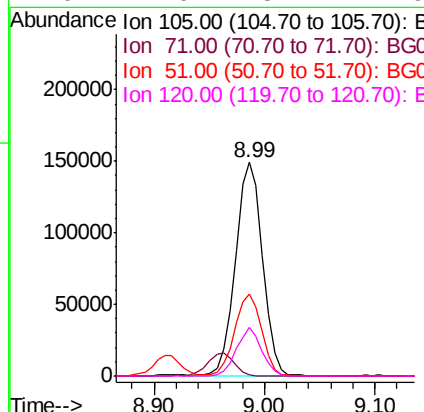
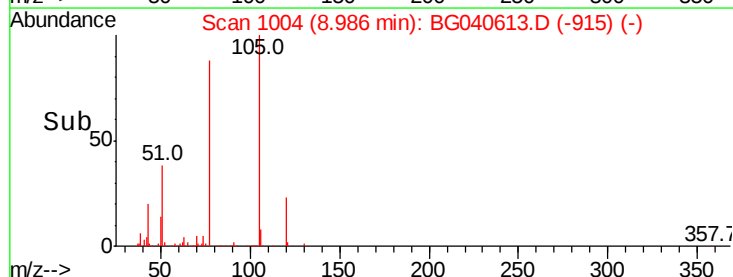
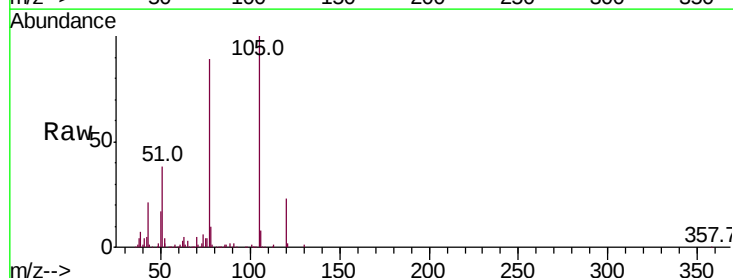
RT: 8.99 min Scan# 1004

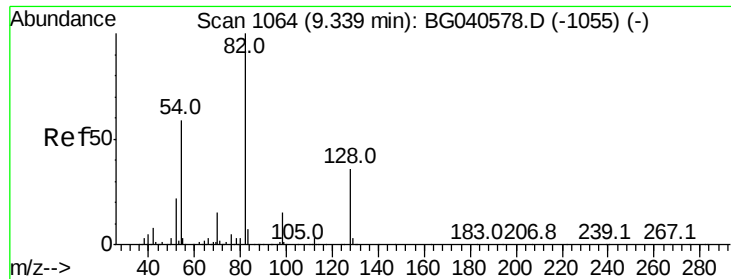
Delta R.T. -0.01 min

Lab File: BG040613.D

Acq: 25 Apr 2019 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	257066		
71	0.9		1.8	2.8#
51	38.5		29.8	44.8
120	22.9		18.4	27.6





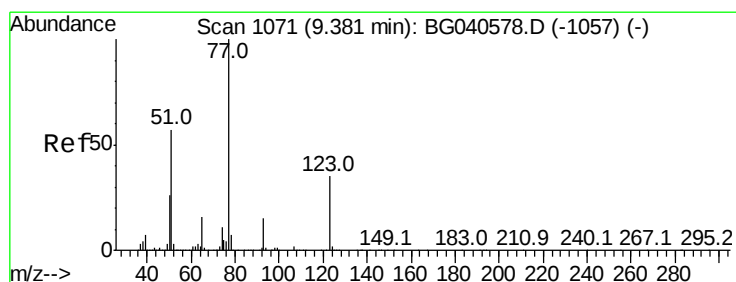
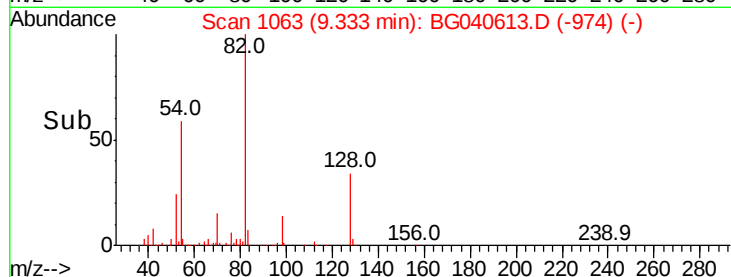
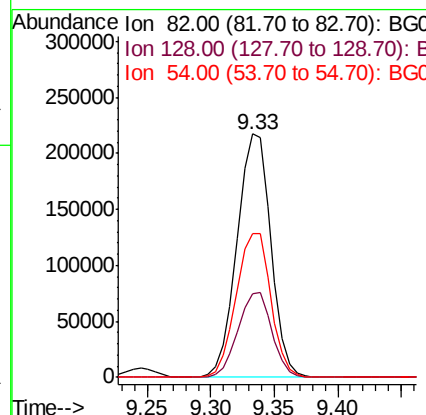
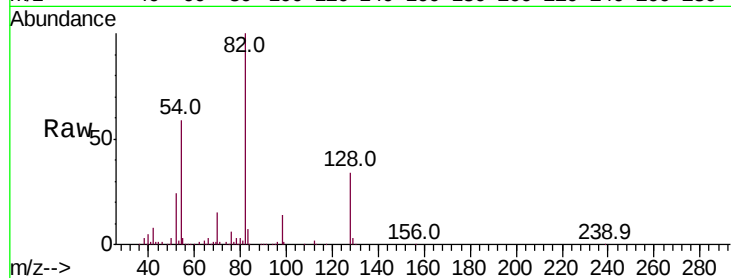
#23
Nitrobenzene-d5
Concen: 94.119 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG040613.D
Acq: 25 Apr 2019 16:45

Instrument :
BNA_G
ClientSampleId :
S37-0016MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	34.2	28.9	43.3	
54	59.2	47.2	70.8	

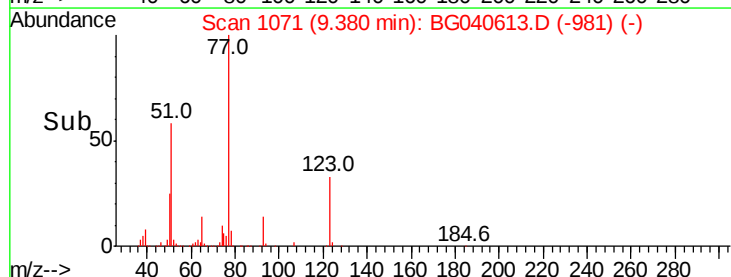
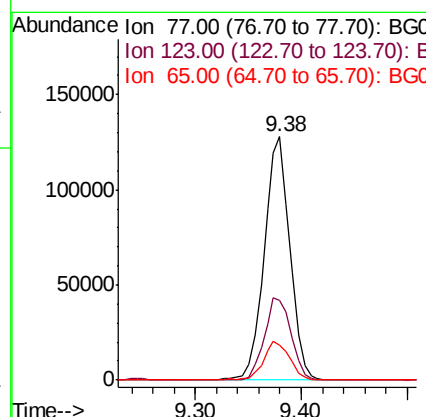
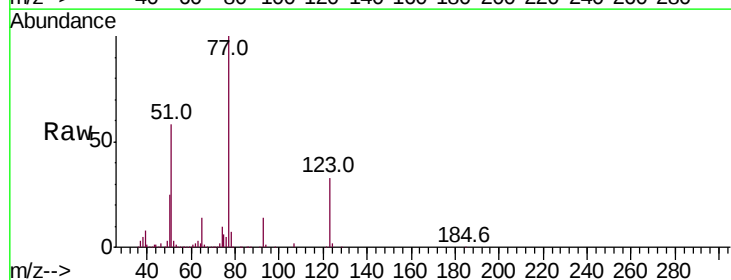
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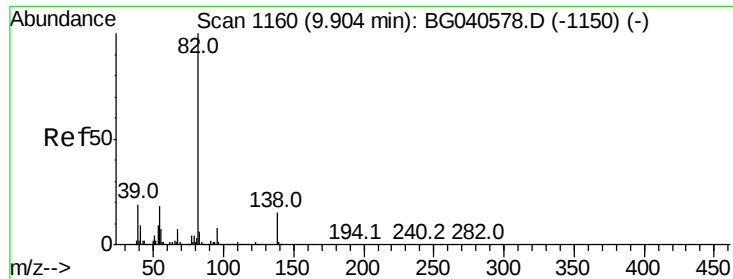
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#24
Nitrobenzene
Concen: 47.279 ng
RT: 9.38 min Scan# 1071
Delta R.T. -0.00 min
Lab File: BG040613.D
Acq: 25 Apr 2019 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	32.9	27.8	41.6	
65	14.5	12.4	18.6	





#25

Isophorone

Concen: 45.520 ng

RT: 9.90 min Scan# 1159

Delta R.T. -0.01 min

Lab File: BG040613.D

Acq: 25 Apr 2019 16:45

Instrument :

BNA_G

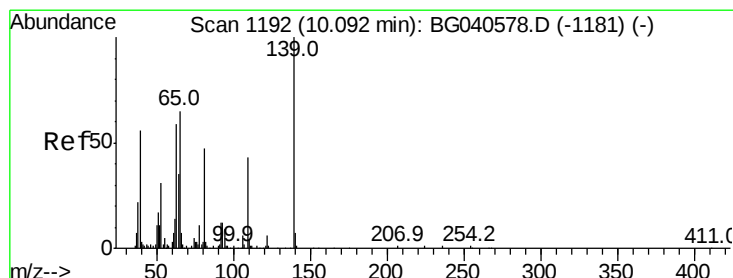
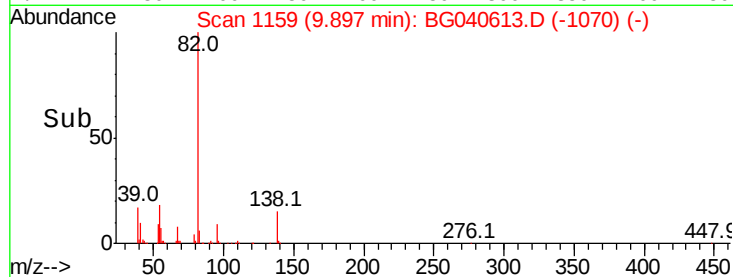
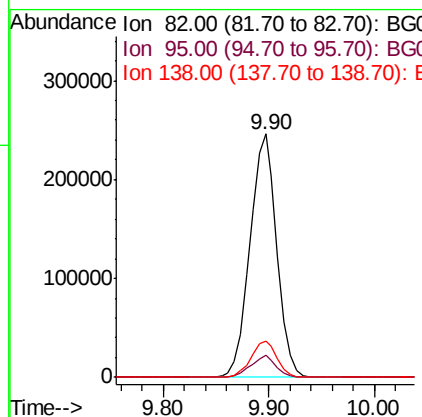
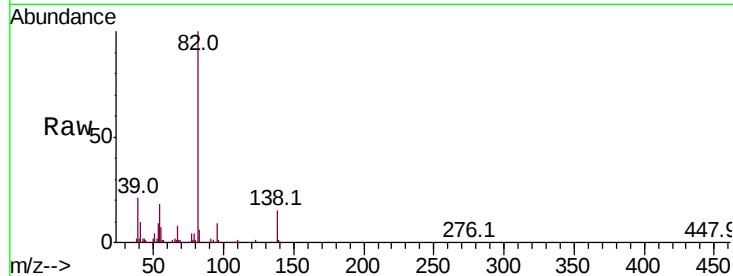
ClientSampleId :

S37-0016MS

Tot Ion:	82	Resp:	432631
Ion Ratio	Lower	Upper	
82	100		
95	8.8	6.9	10.3
138	14.9	12.3	18.5

Manual Integrations
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#26

2-Nitrophenol

Concen: 46.608 ng

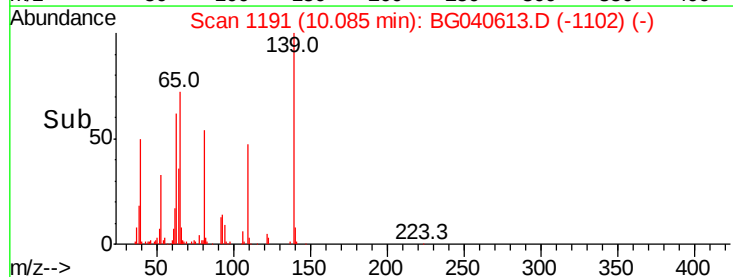
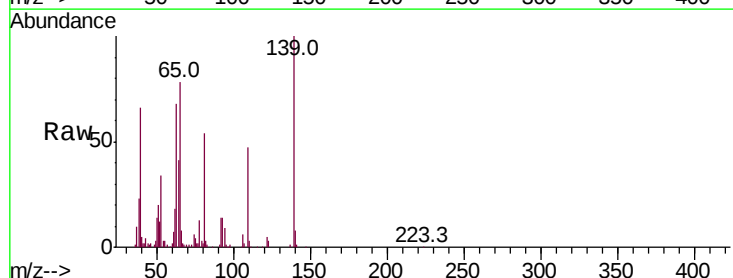
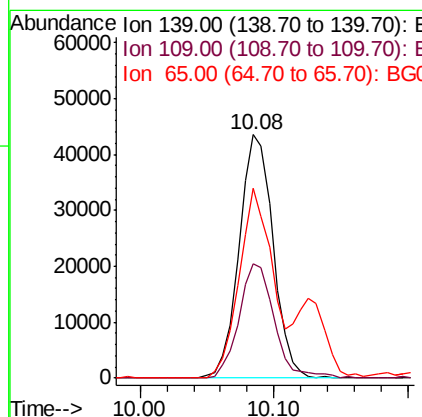
RT: 10.08 min Scan# 1191

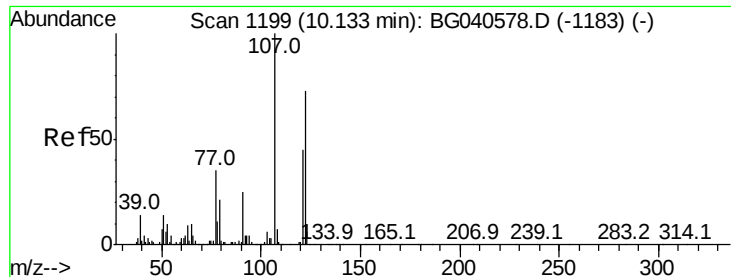
Delta R.T. -0.01 min

Lab File: BG040613.D

Acq: 25 Apr 2019 16:45

Tgt Ion:	139	Resp:	76056
Ion Ratio	Lower	Upper	
139	100		
109	47.1	35.6	53.4
65	78.2	52.3	78.5





#27

2,4-Dimethylphenol

Concen: 48.889 ng

RT: 10.13 min Scan# 1198

Delta R.T. -0.01 min

Lab File: BG040613.D

Acq: 25 Apr 2019 16:45

Instrument :

BNA_G

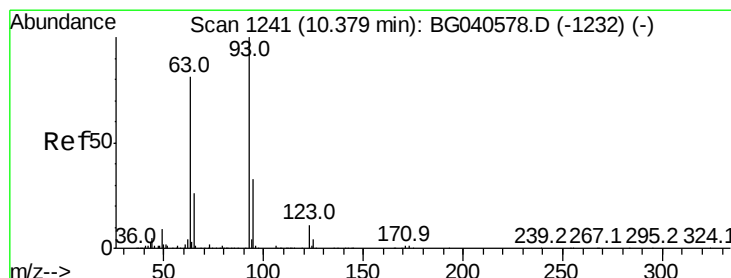
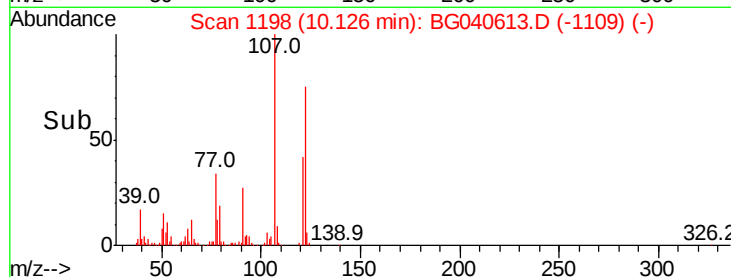
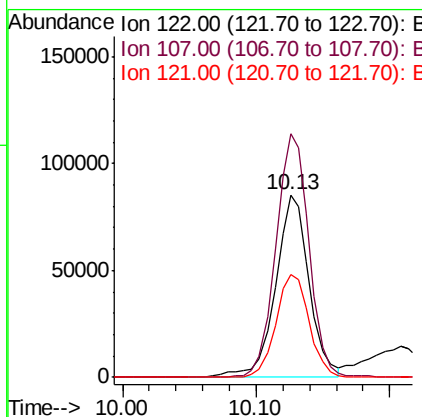
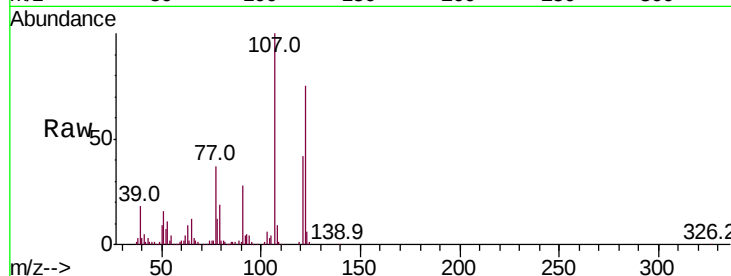
ClientSampleId :

S37-0016MS

Tot Ion:	122	Resp:	149687
Ion Ratio	Lower	Upper	
122	100		
107	133.6	110.1	165.1
121	56.6	49.4	74.0

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#28

bis(2-Chloroethoxy)methane

Concen: 45.316 ng

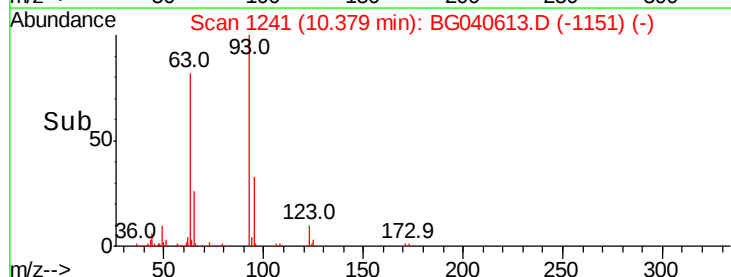
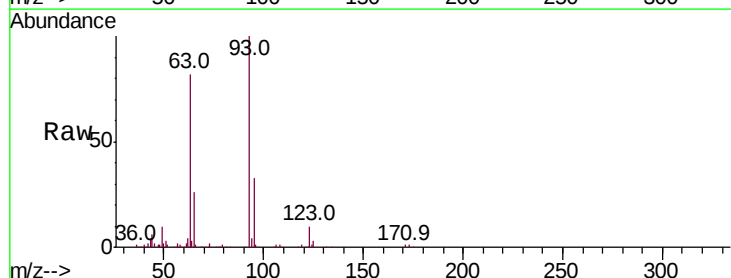
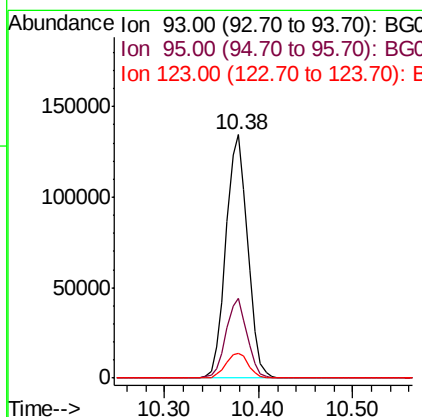
RT: 10.38 min Scan# 1241

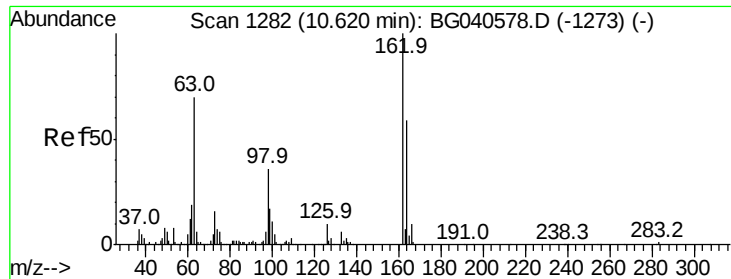
Delta R.T. -0.00 min

Lab File: BG040613.D

Acq: 25 Apr 2019 16:45

Tgt Ion:	93	Resp:	216087
Ion Ratio	Lower	Upper	
93	100		
95	32.8	26.6	40.0
123	10.0	9.0	13.4





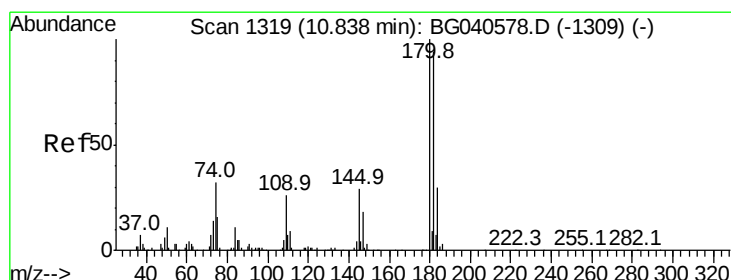
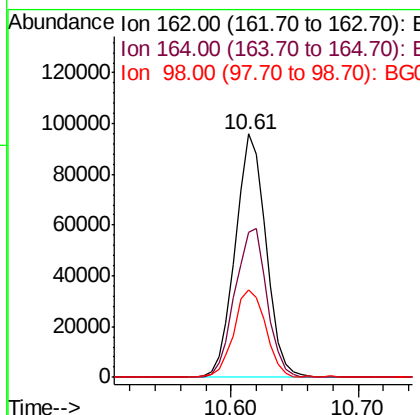
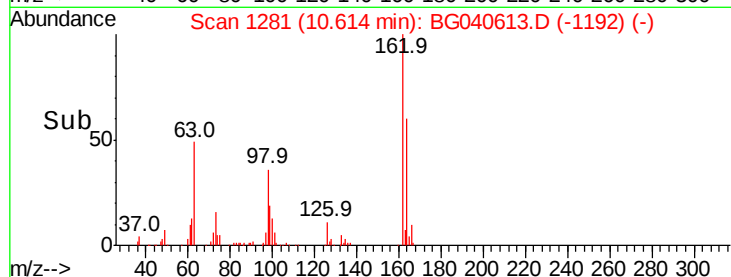
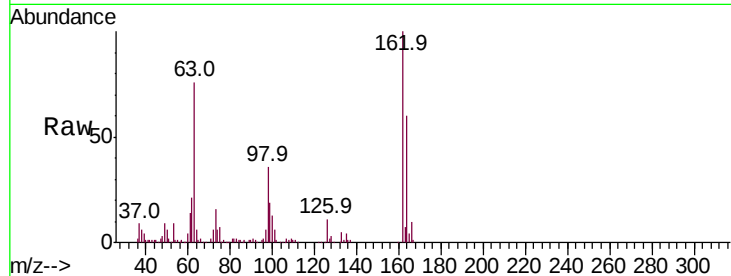
#29
 2,4-Dichlorophenol
 Concen: 46.172 ng
 RT: 10.61 min Scan# 1281
 Delta R.T. -0.01 min
 Lab File: BG040613.D
 Acq: 25 Apr 2019 16:45

Instrument :
 BNA_G
 ClientSampleId :
 S37-0016MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	160715		
164	59.8	38.9	78.9	
98	35.7	16.8	56.8	

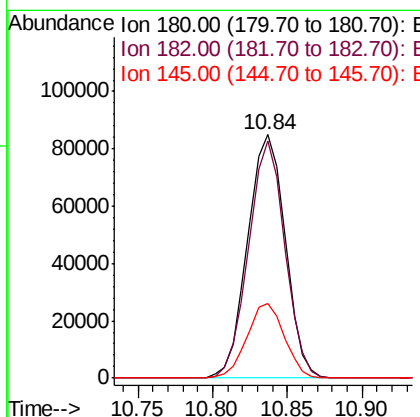
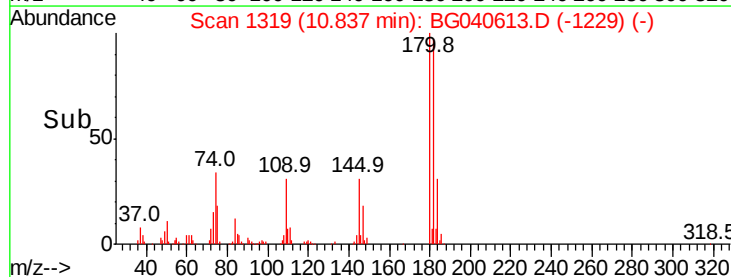
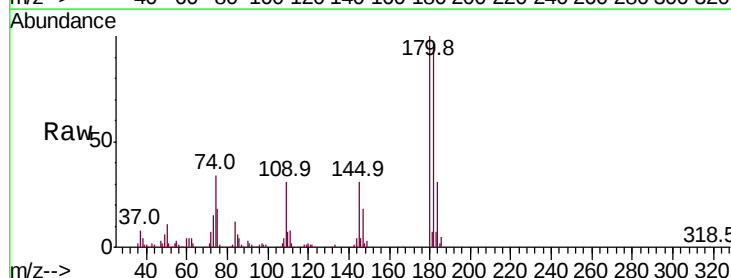
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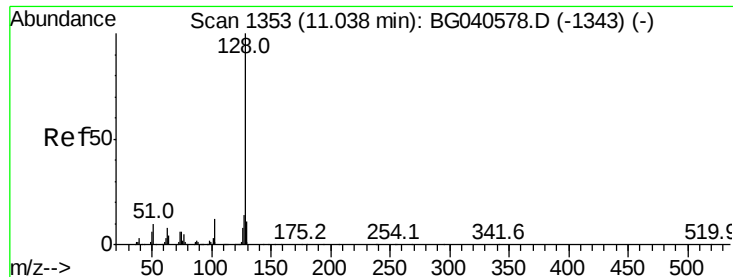
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#30
 1,2,4-Trichlorobenzene
 Concen: 38.224 ng
 RT: 10.84 min Scan# 1319
 Delta R.T. -0.00 min
 Lab File: BG040613.D
 Acq: 25 Apr 2019 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	147547		
182	97.5	75.2	112.8	
145	30.6	23.6	35.4	





#31

Naphthalene

Concen: 41.228 ng

RT: 11.03 min Scan# 1352

Delta R.T. -0.01 min

Lab File: BG040613.D

Acq: 25 Apr 2019 16:45

Instrument :

BNA_G

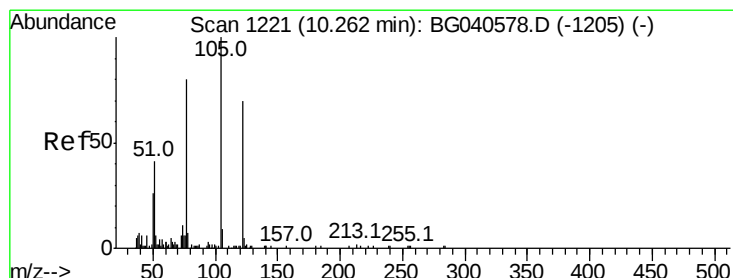
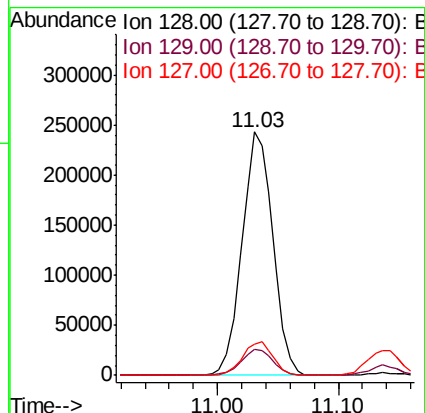
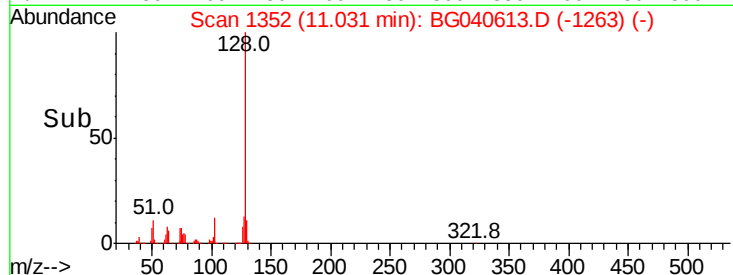
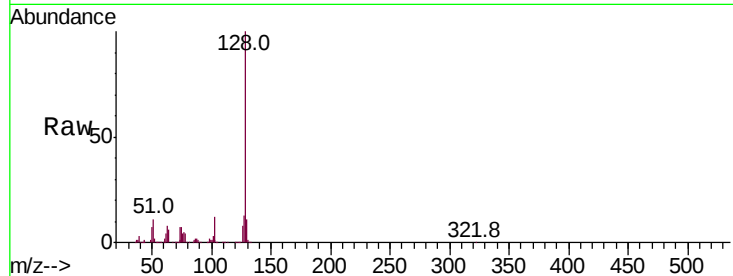
ClientSampleId :

S37-0016MS

Tot Ion:	128	Resp:	431821
Ion Ratio	Lower	Upper	
128	100		
129	10.9	9.0	13.6
127	12.8	11.3	16.9

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#32

Benzoic acid

Concen: 18.208 ng

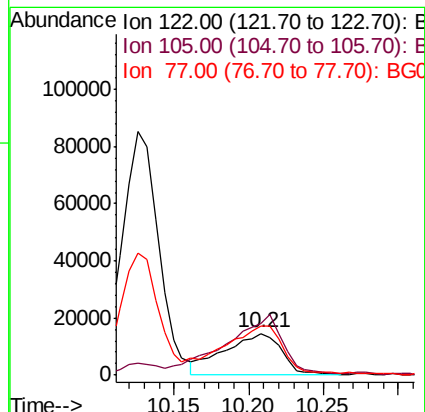
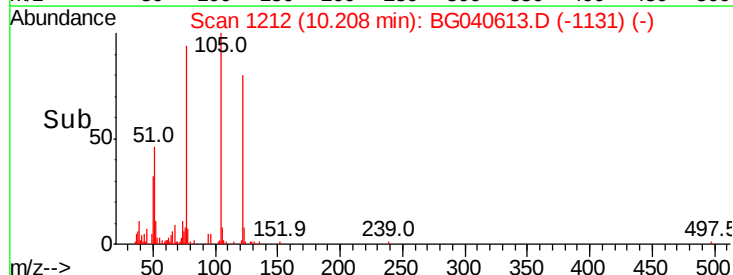
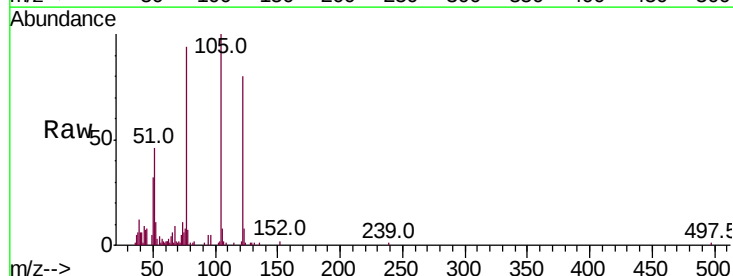
RT: 10.21 min Scan# 1212

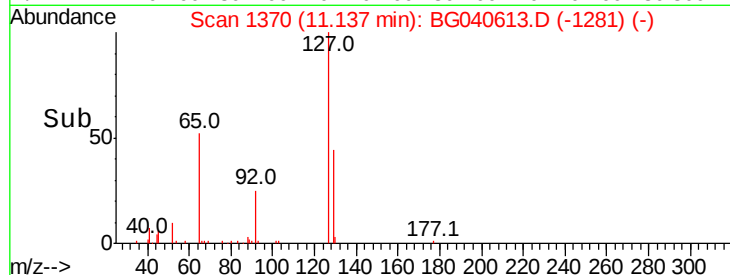
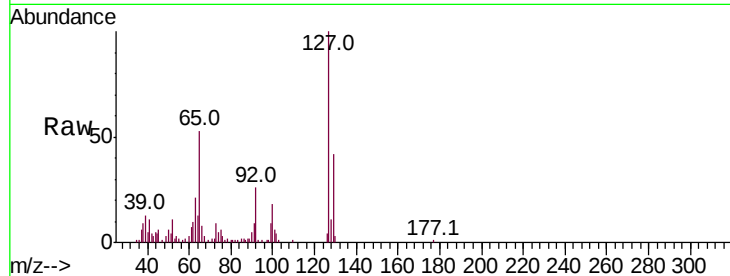
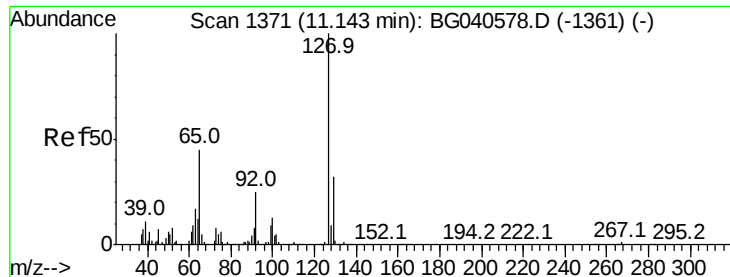
Delta R.T. -0.05 min

Lab File: BG040613.D

Acq: 25 Apr 2019 16:45

Tgt Ion:	122	Resp:	38164
Ion Ratio	Lower	Upper	
122	100		
105	124.3	110.9	150.9
77	117.3	87.6	127.6





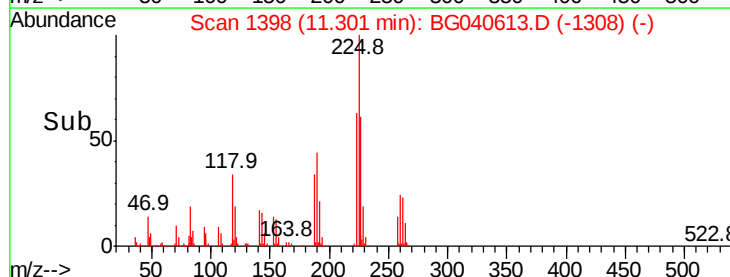
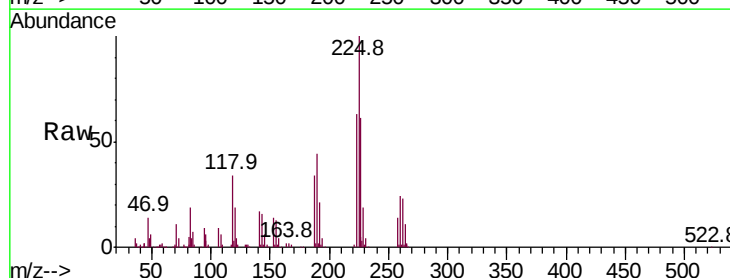
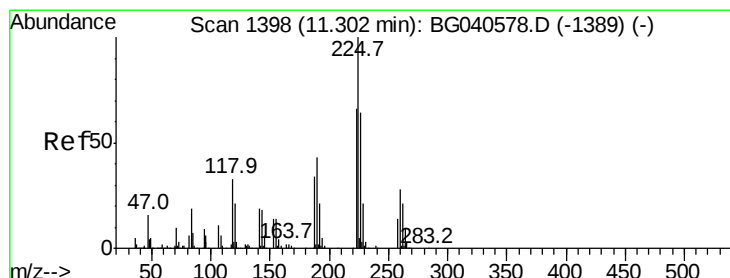
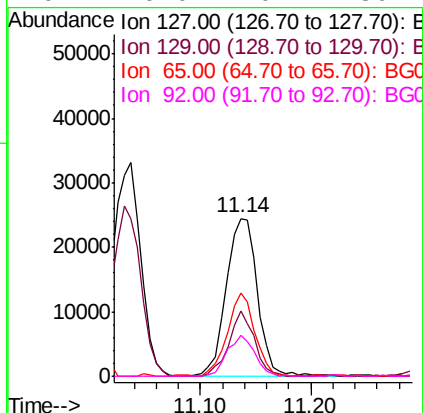
#33
4-Chloroaniline
Concen: 10.436 ng
RT: 11.14 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BG040613.D
Acq: 25 Apr 2019 16:45

Instrument :
BNA_G
ClientSampled :
S37-0016MS

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	41.6	25.7	38.5#
65	52.6	36.1	54.1
92	26.0	20.1	30.1

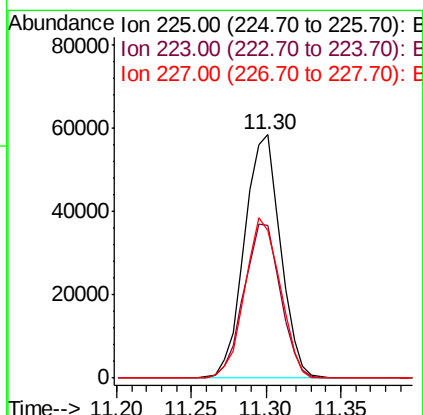
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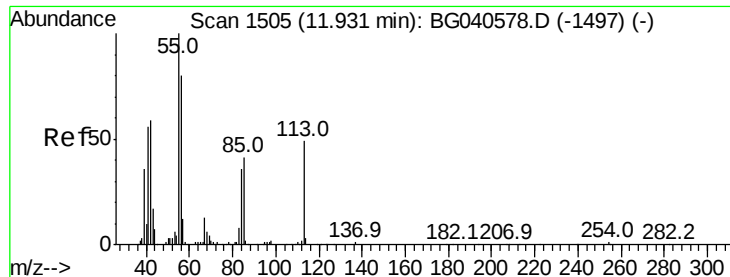
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#34
Hexachlorobutadiene
Concen: 34.064 ng
RT: 11.30 min Scan# 1398
Delta R.T. -0.00 min
Lab File: BG040613.D
Acq: 25 Apr 2019 16:45

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	63.0	50.4	75.6
227	60.6	51.0	76.6





#35

Caprolactam

Concen: 8.022 ng/ml

RT: 11.93 min Scan# 1505

Delta R.T. -0.00 min

Lab File: BG040613.D

Acq: 25 Apr 2019 16:45

Instrument :

BNA_G

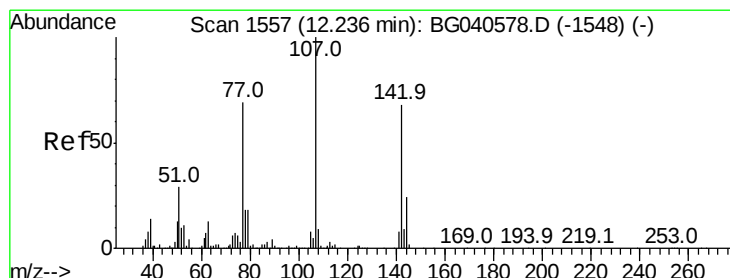
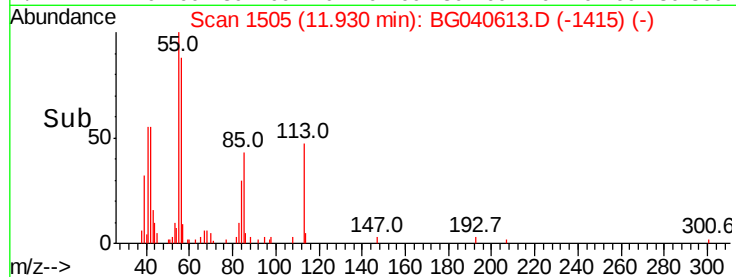
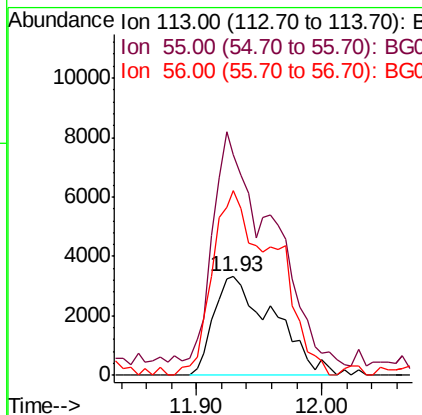
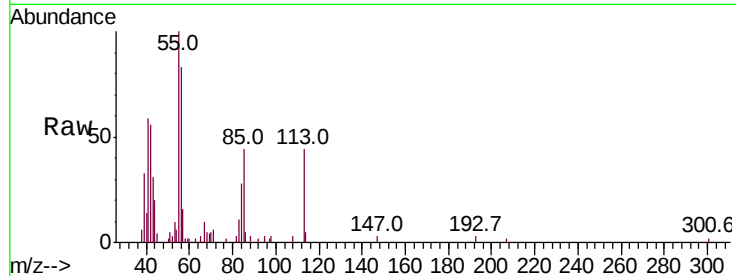
ClientSampleId :

S37-0016MS

Tot Ion:	113	Resp:	11024
Ion Ratio	Lower	Upper	
113	100		
55	224.7	198.6	238.6
56	187.3	148.4	188.4

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#36

4-Chloro-3-methylphenol

Concen: 44.032 ng/ml

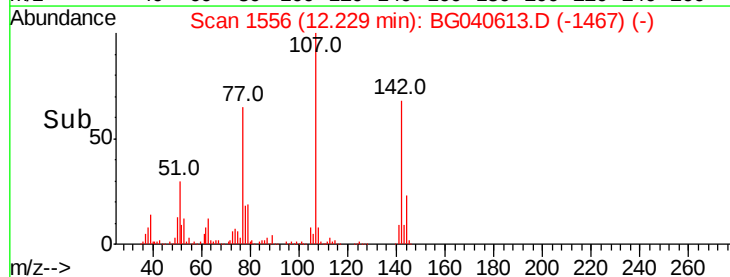
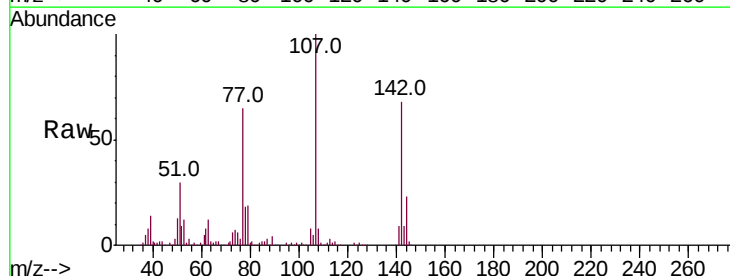
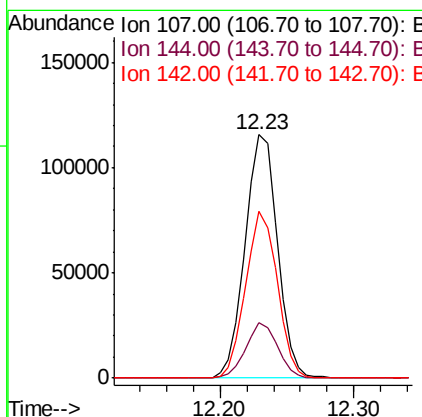
RT: 12.23 min Scan# 1556

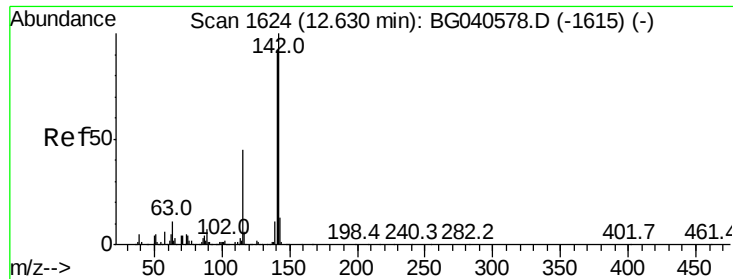
Delta R.T. -0.01 min

Lab File: BG040613.D

Acq: 25 Apr 2019 16:45

Tgt Ion:	107	Resp:	193350
Ion Ratio	Lower	Upper	
107	100		
144	22.9	19.3	28.9
142	68.3	54.6	81.8





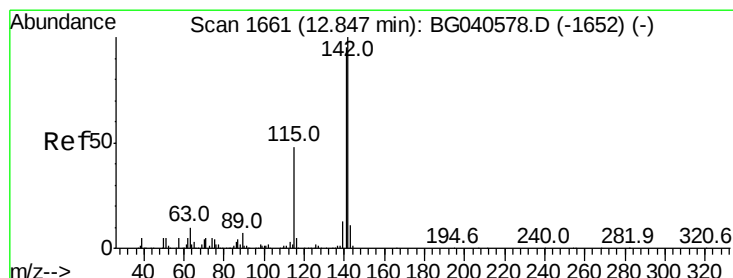
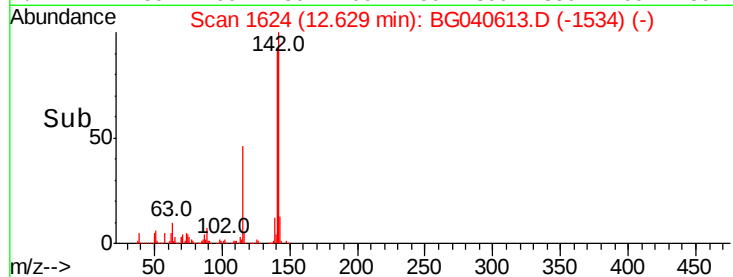
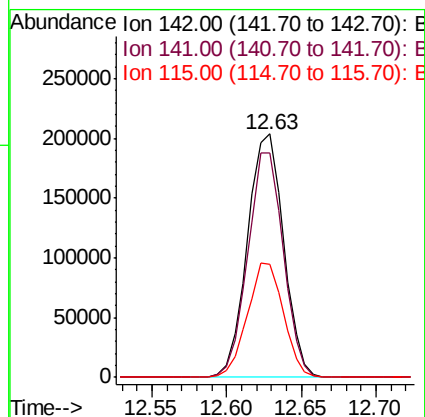
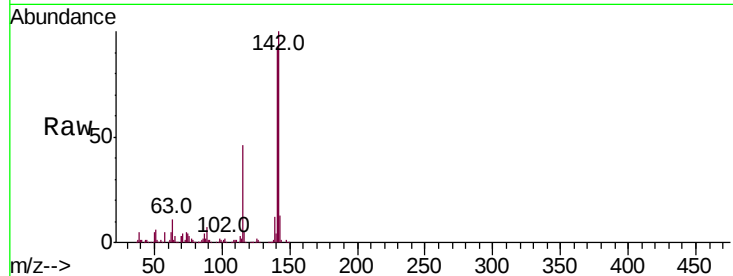
#37
2-Methylnaphthalene
Concen: 43.469 ng
RT: 12.63 min Scan# 1624
Delta R.T. -0.00 min
Lab File: BG040613.D
Acq: 25 Apr 2019 16:45

Instrument :
BNA_G
ClientSampled :
S37-0016MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.2	73.4	110.2
115	46.2	36.2	54.4

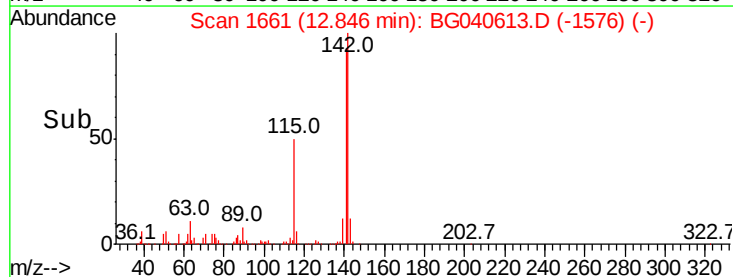
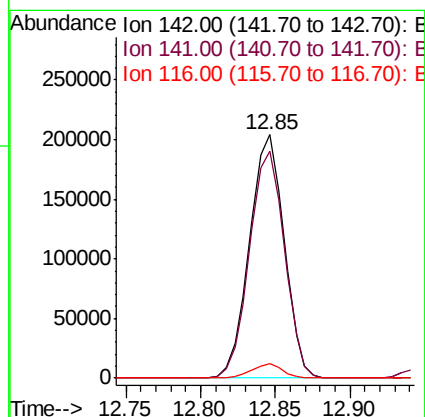
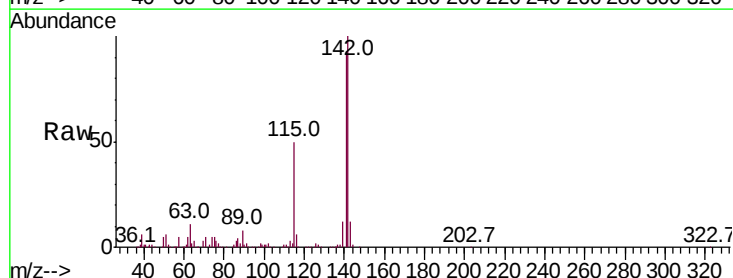
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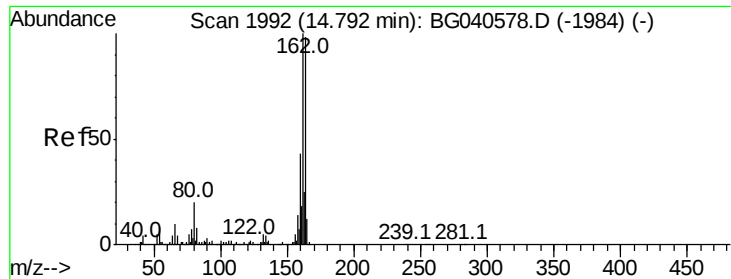
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#38
1-Methylnaphthalene
Concen: 42.670 ng
RT: 12.85 min Scan# 1661
Delta R.T. -0.00 min
Lab File: BG040613.D
Acq: 25 Apr 2019 16:45

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.0	75.9	113.9
116	5.7	4.2	6.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.79 min Scan# 1991

Delta R.T. -0.01 min

Lab File: BG040613.D

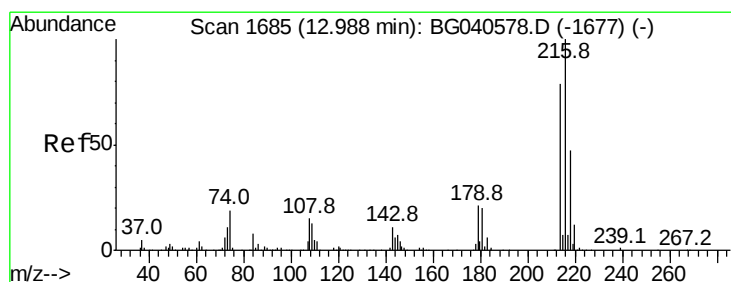
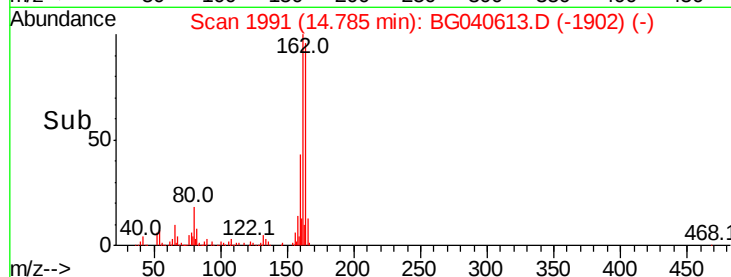
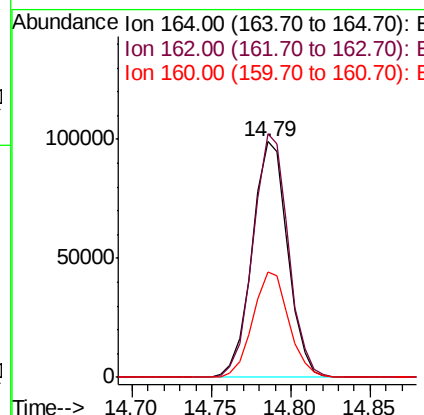
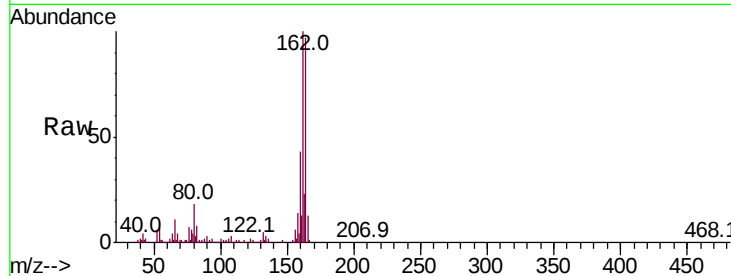
Acq: 25 Apr 2019 16:45

Instrument :
BNA_G
ClientSampleId :
S37-0016MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.2	81.9	122.9	
160	44.4	35.4	53.2	

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.341 ng

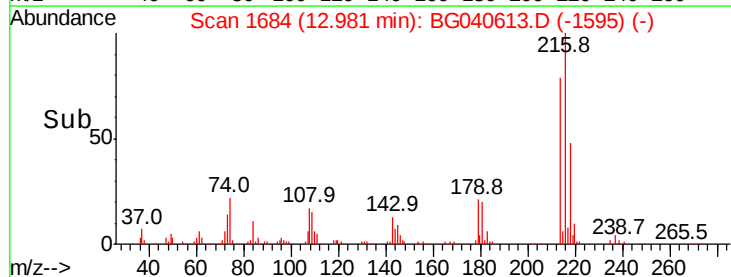
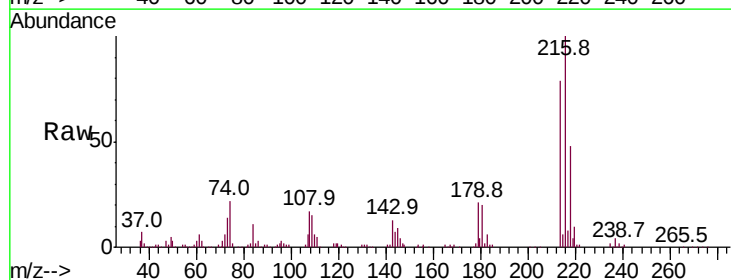
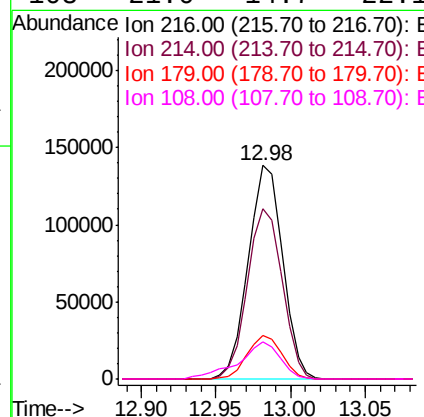
RT: 12.98 min Scan# 1684

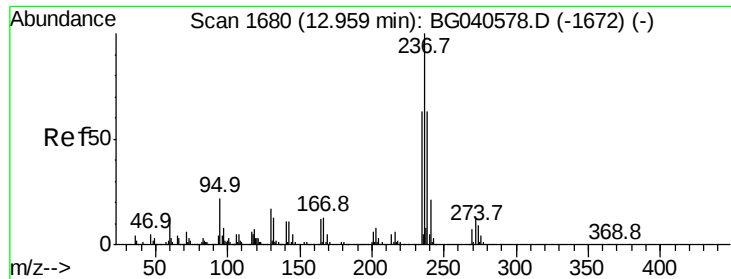
Delta R.T. -0.01 min

Lab File: BG040613.D

Acq: 25 Apr 2019 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	80.5	63.7	95.5	
179	20.6	16.6	24.8	
108	21.0	14.7	22.1	





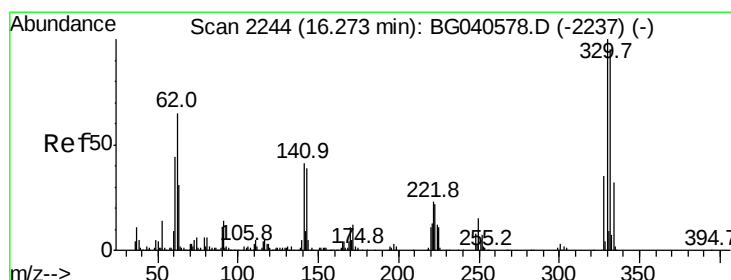
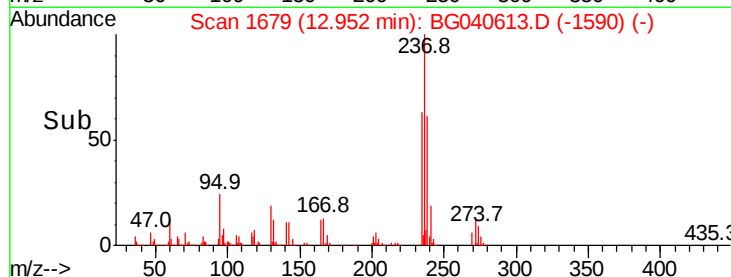
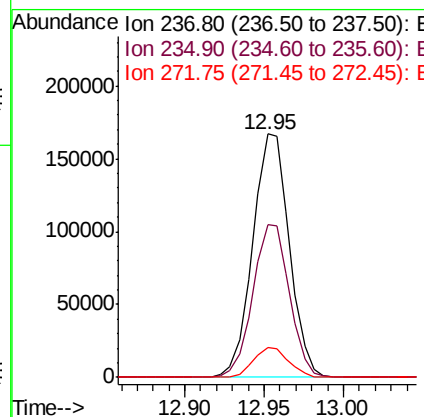
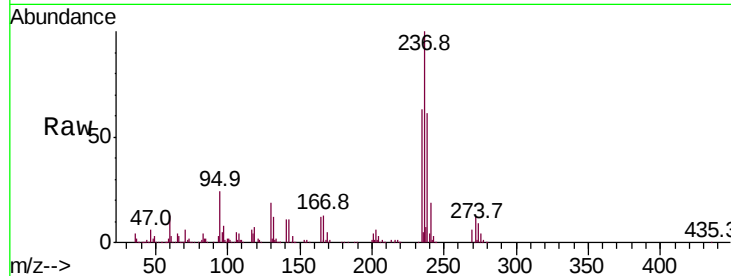
#41
Hexachlorocyclopentadiene
Concen: 78.832 ng
RT: 12.95 min Scan# 1679
Delta R.T. -0.01 min
Lab File: BG040613.D
Acq: 25 Apr 2019 16:45

Instrument :
BNA_G
ClientSampleId :
S37-0016MS

Tot Ion:	237	Resp:	267897
Ion Ratio	Lower	Upper	
237	100		
235	62.9	42.5	82.5
272	12.5	0.0	31.6

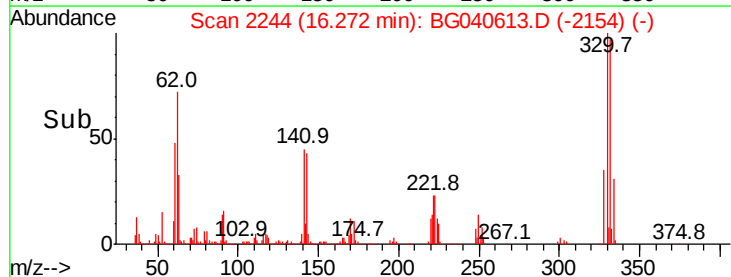
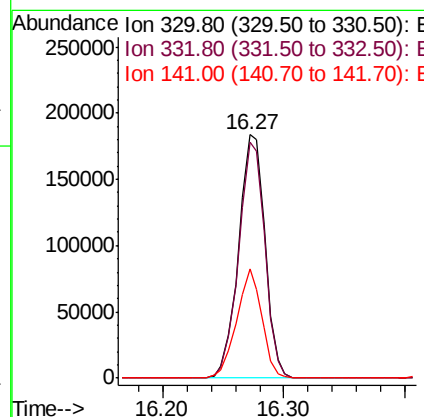
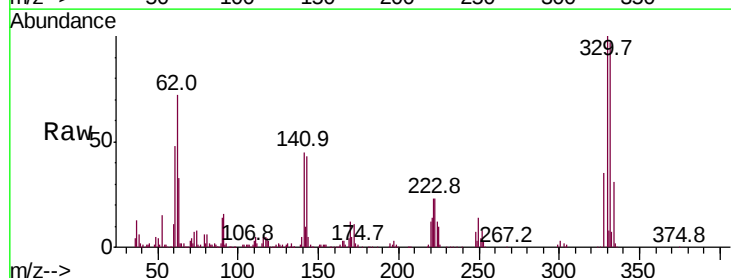
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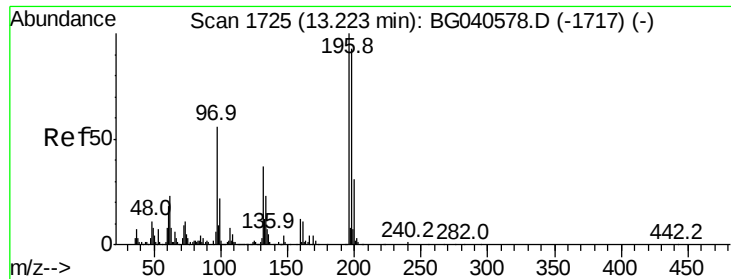
Sohil
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#42
2,4,6-Tribromophenol
Concen: 132.329 ng
RT: 16.27 min Scan# 2244
Delta R.T. -0.00 min
Lab File: BG040613.D
Acq: 25 Apr 2019 16:45

Tgt Ion:	330	Resp:	281191
Ion Ratio	Lower	Upper	
330	100		
332	95.9	75.9	113.9
141	42.4	32.4	48.6





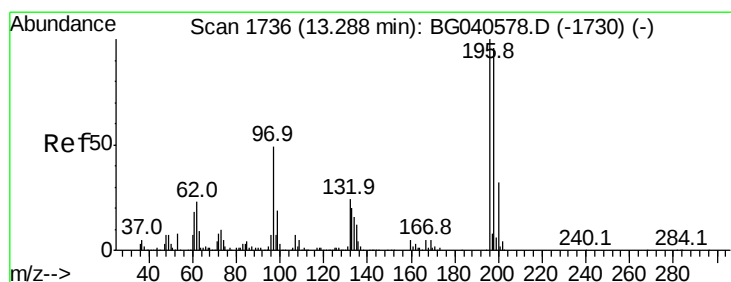
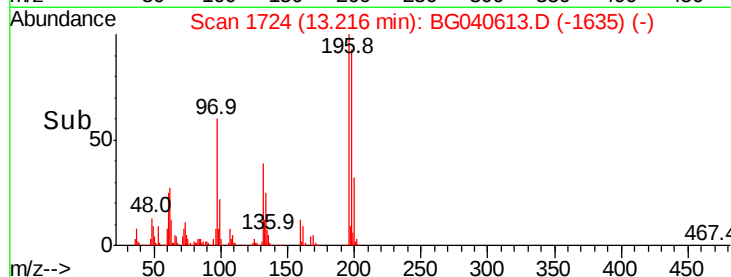
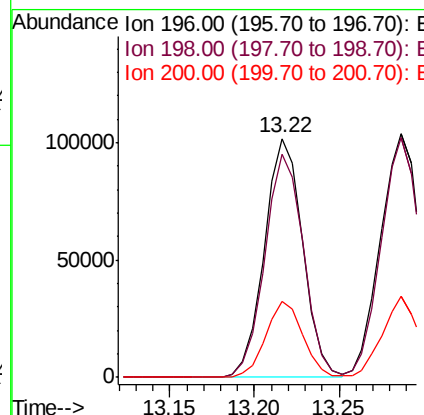
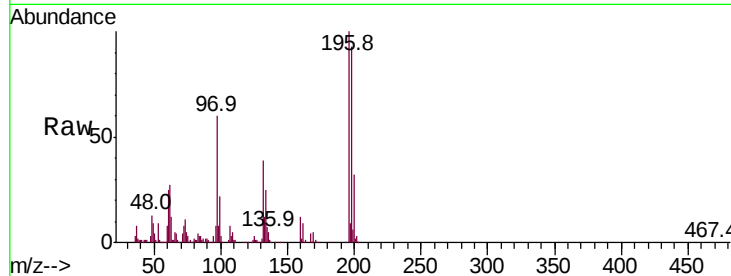
#43
 2,4,6-Trichlorophenol
 Concen: 46.007 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. -0.01 min
 Lab File: BG040613.D
 Acq: 25 Apr 2019 16:45

Instrument :
 BNA_G
 ClientSampled :
 S37-0016MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	160114		
198	93.2	74.8	112.2	
200	31.6	24.9	37.3	

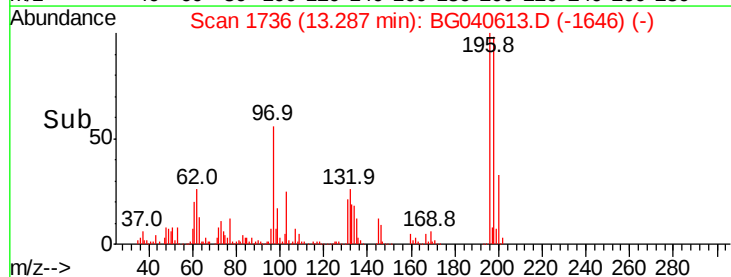
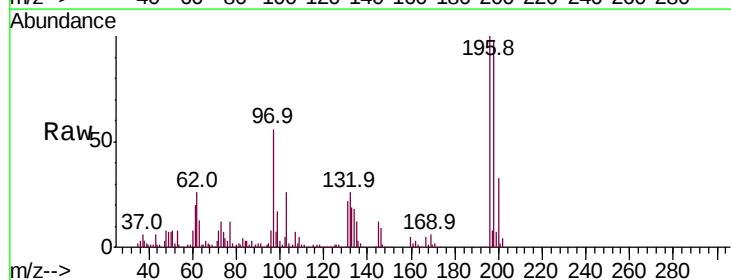
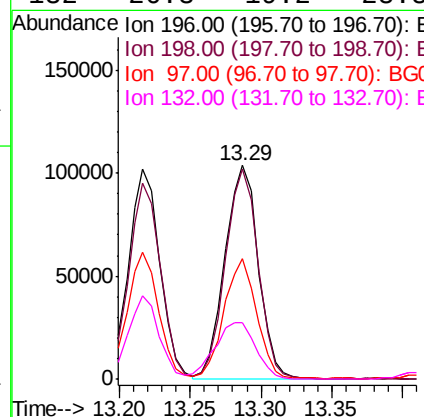
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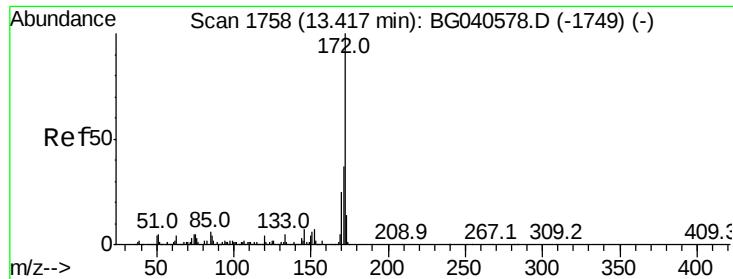
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#44
 2,4,5-Trichlorophenol
 Concen: 45.228 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.00 min
 Lab File: BG040613.D
 Acq: 25 Apr 2019 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	171468		
198	98.2	77.0	115.6	
97	56.0	40.0	60.0	
132	26.3	19.2	28.8	





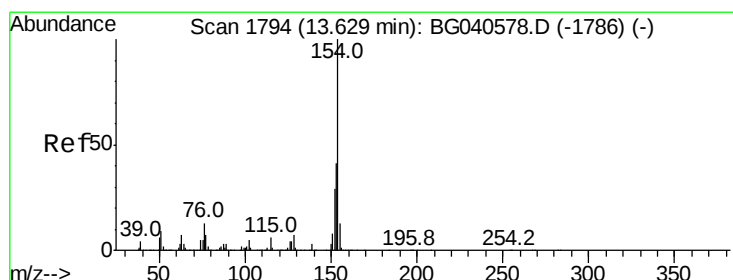
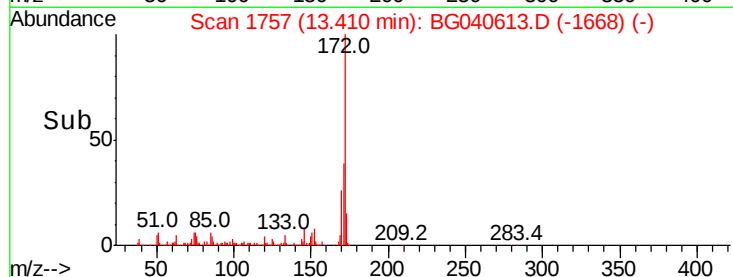
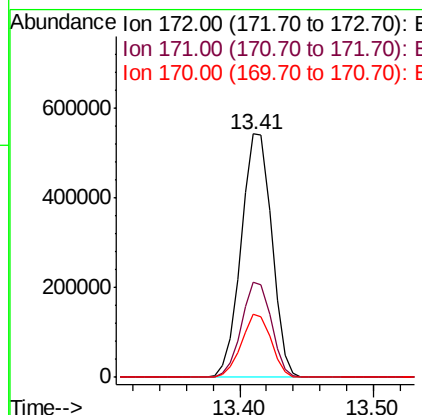
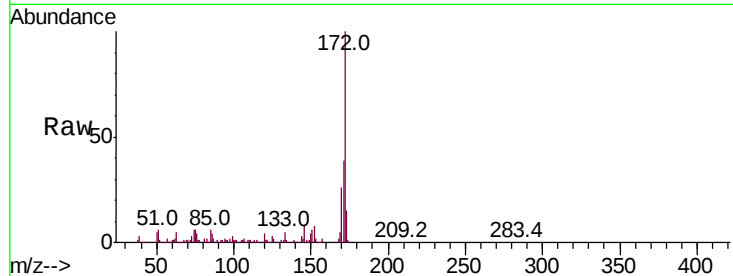
#45
2-Fluorobiphenyl
Concen: 80.294 ng
RT: 13.41 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BG040613.D
Acq: 25 Apr 2019 16:45

Instrument :
BNA_G
ClientSampleId :
S37-0016MS

Tot Ion	Ratio	Resp	Lower	Upper
172	100	859513		
171	38.9		29.4	44.2
170	26.0		19.9	29.9

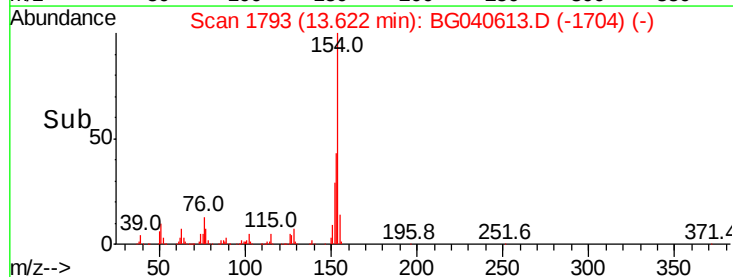
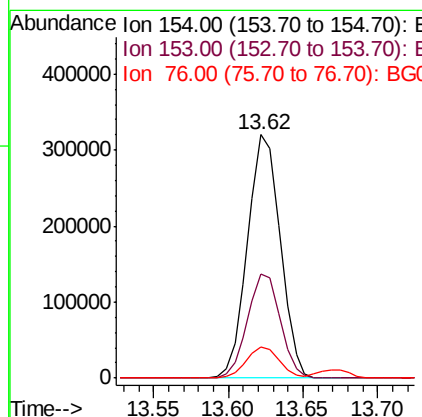
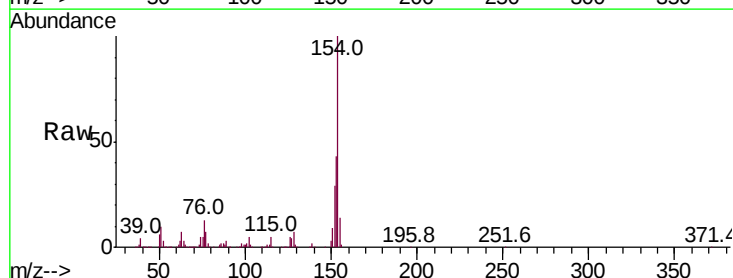
Manual Integrations
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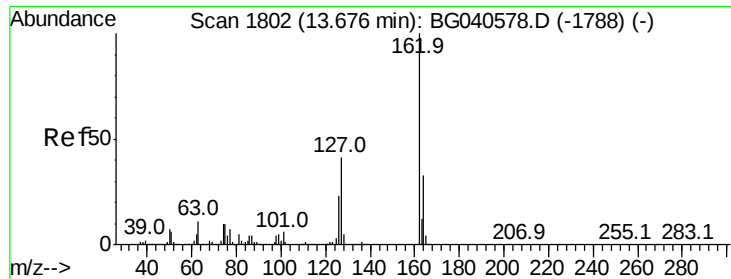
Sohil
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#46
1,1'-Biphenyl
Concen: 40.372 ng
RT: 13.62 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BG040613.D
Acq: 25 Apr 2019 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	484586		
153	42.5		20.5	60.5
76	12.7		0.0	32.5





#47

2-Chloronaphthalene

Concen: 40.295 ng

RT: 13.67 min Scan# 1802

Delta R.T. -0.00 min

Lab File: BG040613.D

Acq: 25 Apr 2019 16:45

Instrument :

BNA_G

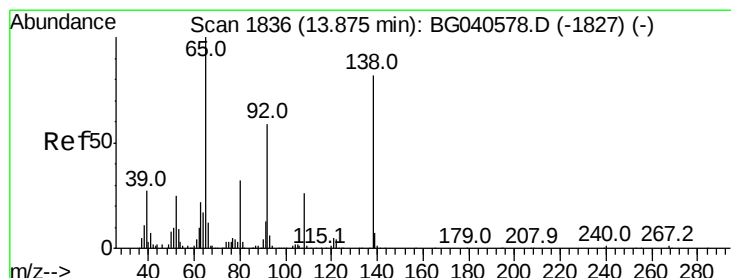
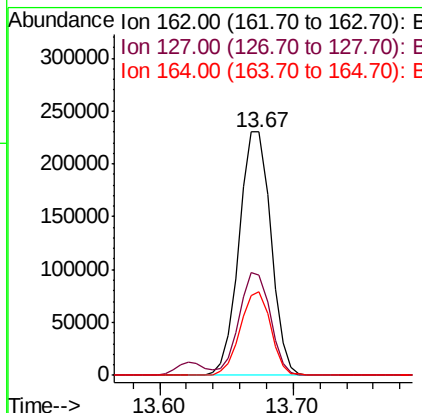
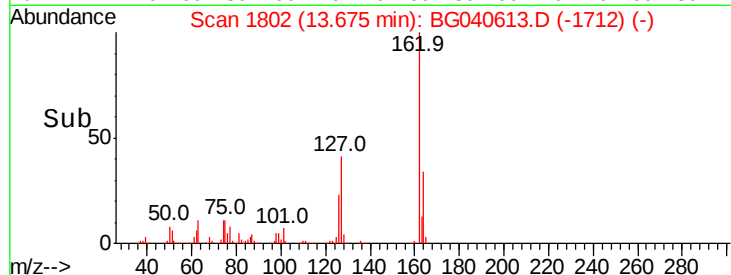
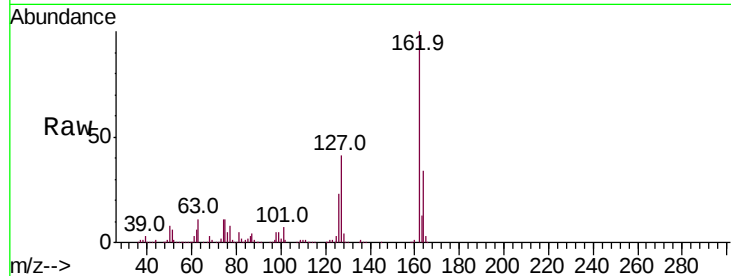
ClientSampleId :

S37-0016MS

Tot Ion:	162	Resp:	378509
Ion Ratio	Lower	Upper	
162	100		
127	41.2	33.0	49.4
164	34.2	26.8	40.2

Manual Integrations
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#48

2-Nitroaniline

Concen: 52.409 ng

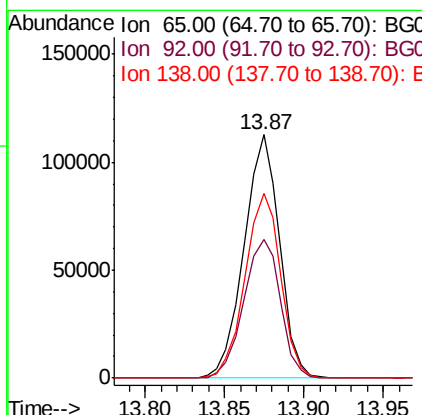
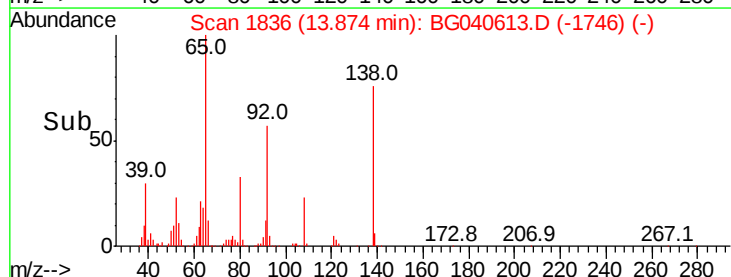
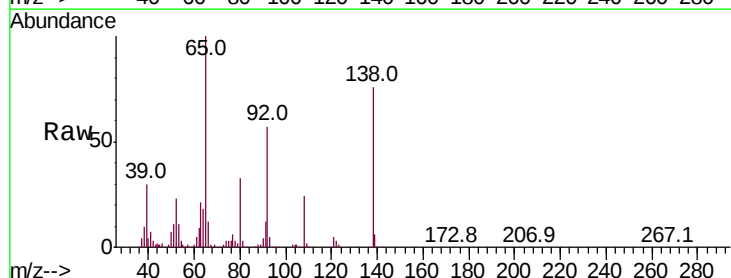
RT: 13.87 min Scan# 1836

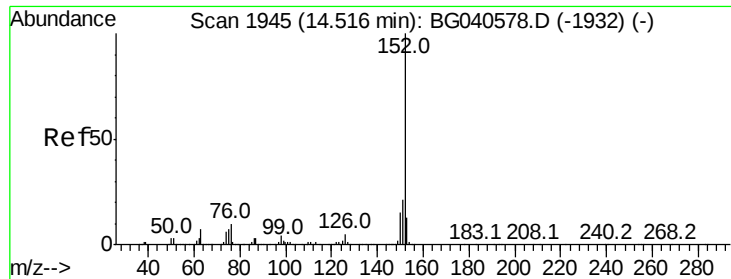
Delta R.T. -0.00 min

Lab File: BG040613.D

Acq: 25 Apr 2019 16:45

Tgt Ion:	65	Resp:	175239
Ion Ratio	Lower	Upper	
65	100		
92	57.1	47.4	71.0
138	75.7	66.1	99.1





#49

Acenaphthylene

Concen: 40.283 ng

RT: 14.51 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BG040613.D

Acq: 25 Apr 2019 16:45

Instrument :

BNA_G

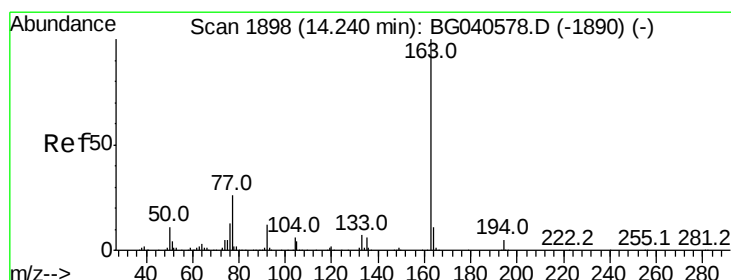
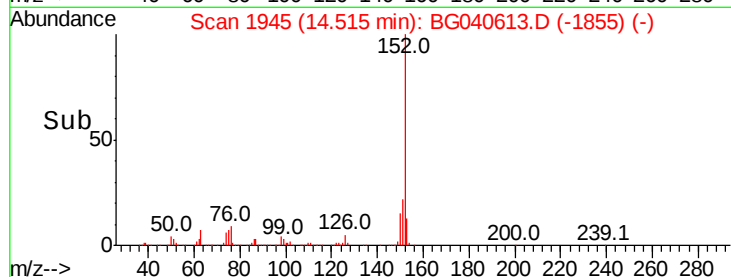
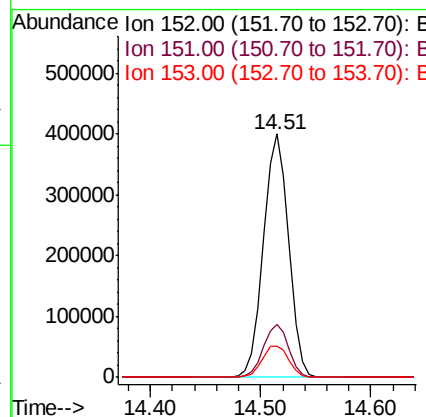
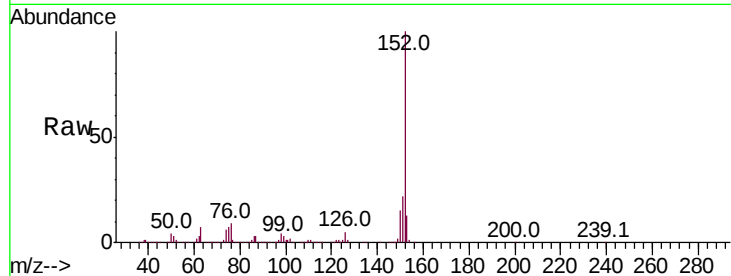
ClientSampleId :

S37-0016MS

Tot Ion:	152	Resp:	641987
Ion Ratio	Lower	Upper	
152	100		
151	21.6	17.2	25.8
153	12.8	10.7	16.1

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#50

Dimethylphthalate

Concen: 44.200 ng

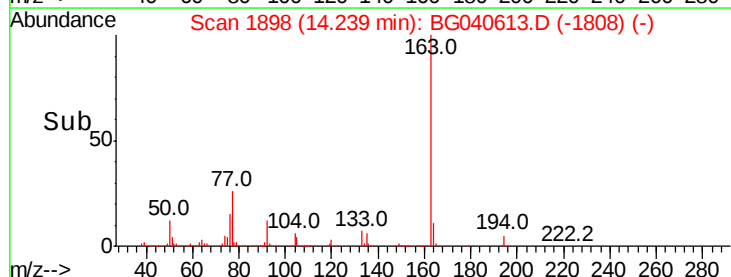
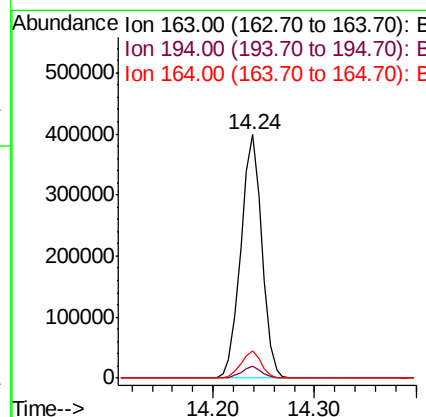
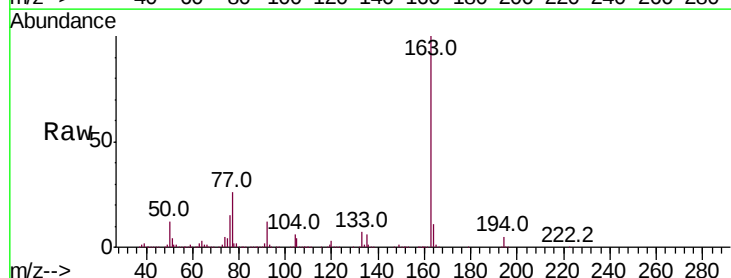
RT: 14.24 min Scan# 1898

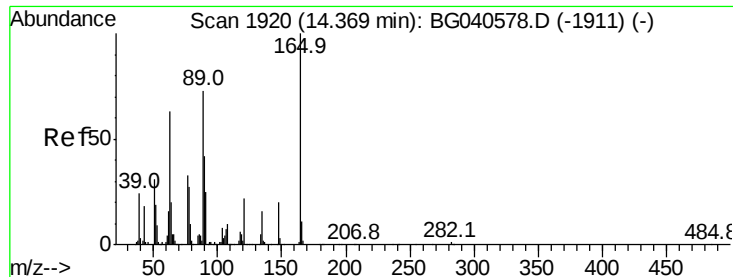
Delta R.T. -0.00 min

Lab File: BG040613.D

Acq: 25 Apr 2019 16:45

Tgt Ion:	163	Resp:	571713
Ion Ratio	Lower	Upper	
163	100		
194	4.7	3.8	5.8
164	11.0	8.8	13.2





#51

2,6-Dinitrotoluene

Concen: 47.781 ng

RT: 14.36 min Scan# 1919

Delta R.T. -0.01 min

Lab File: BG040613.D

Acq: 25 Apr 2019 16:45

Instrument :

BNA_G

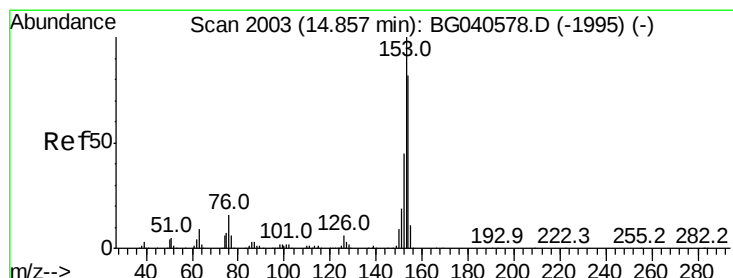
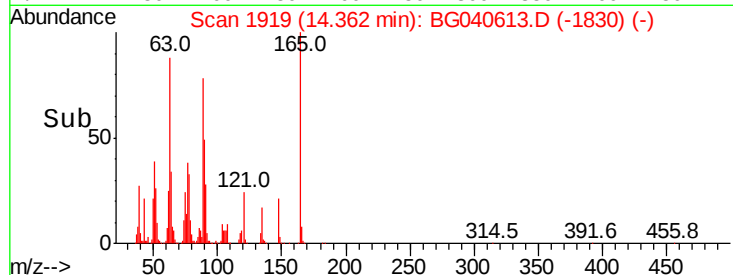
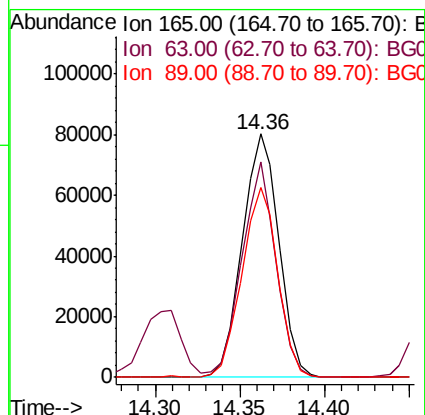
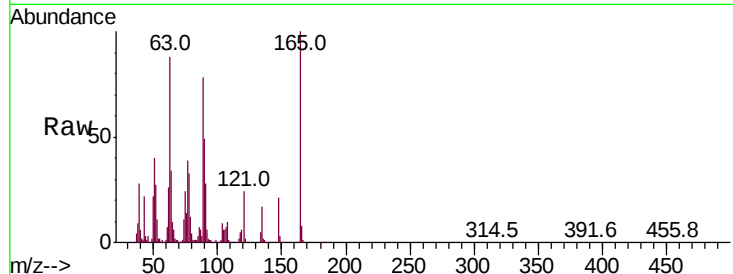
ClientSampled :

S37-0016MS

Tot Ion:	165	Resp:	120620
Ion Ratio	Lower	Upper	
165	100		
63	88.4	61.0	91.4
89	77.9	58.6	87.8

Manual Integrations
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#52

Acenaphthene

Concen: 42.007 ng

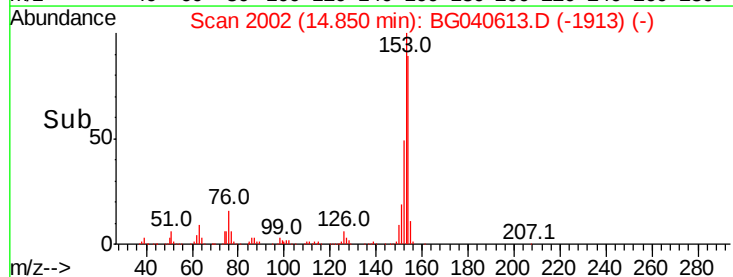
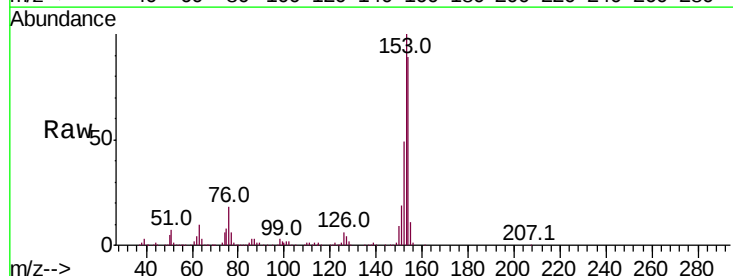
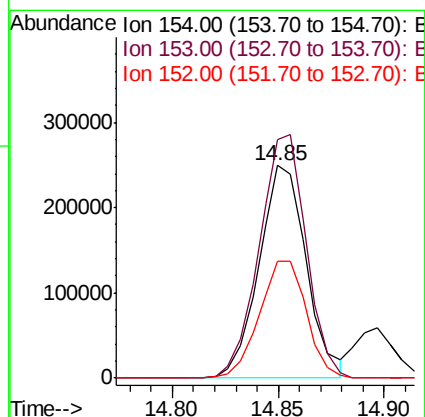
RT: 14.85 min Scan# 2002

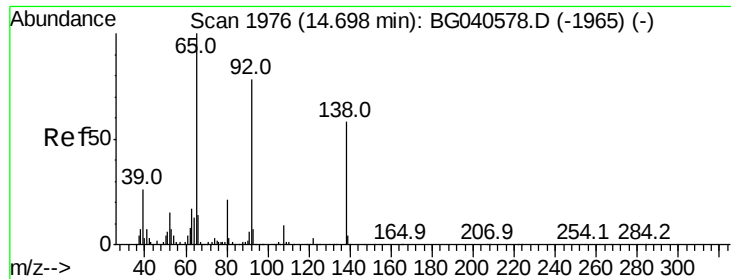
Delta R.T. -0.01 min

Lab File: BG040613.D

Acq: 25 Apr 2019 16:45

Tgt Ion:	154	Resp:	389873
Ion Ratio	Lower	Upper	
154	100		
153	111.9	97.0	145.6
152	55.0	44.1	66.1





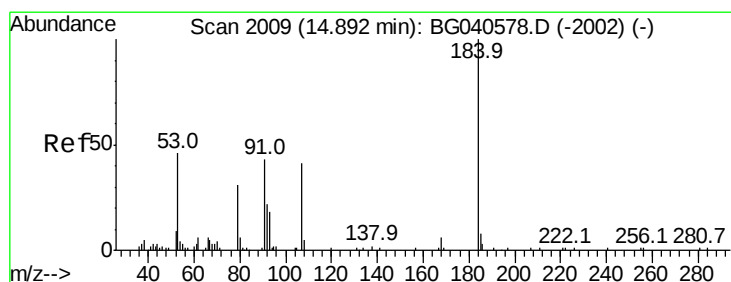
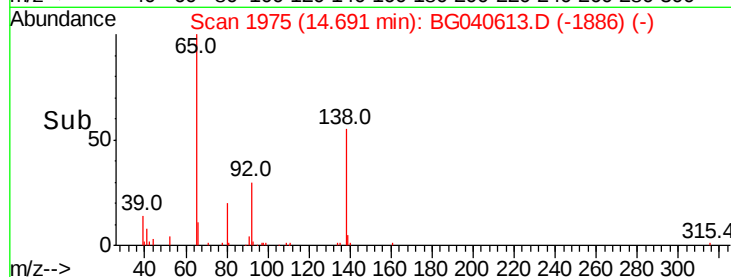
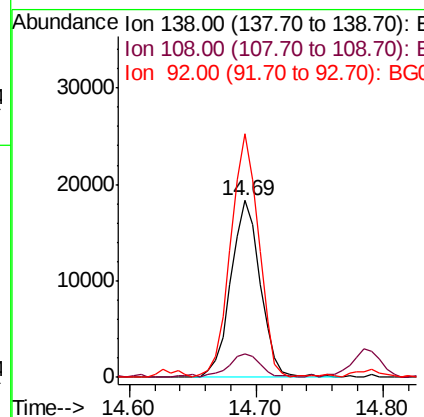
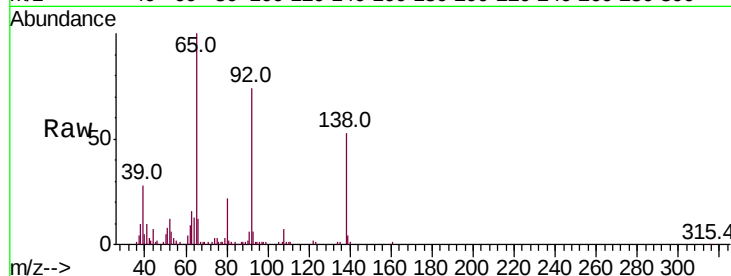
#53
3-Nitroaniline
Concen: 11.387 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG040613.D
Acq: 25 Apr 2019 16:45

Instrument :
BNA_G
ClientSampleId :
S37-0016MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	13.3	12.4	18.6
92	137.7	108.6	162.8

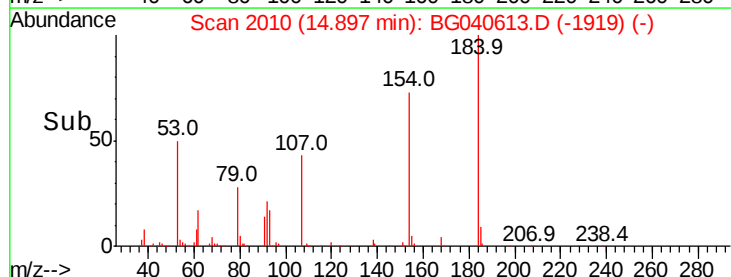
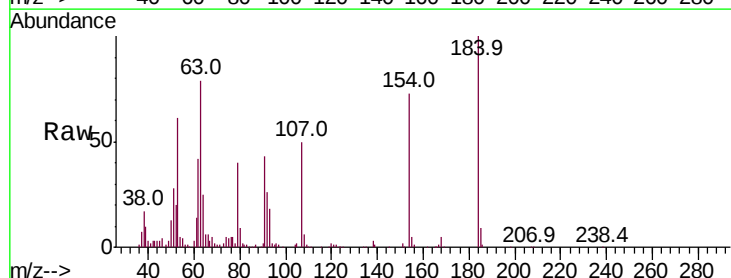
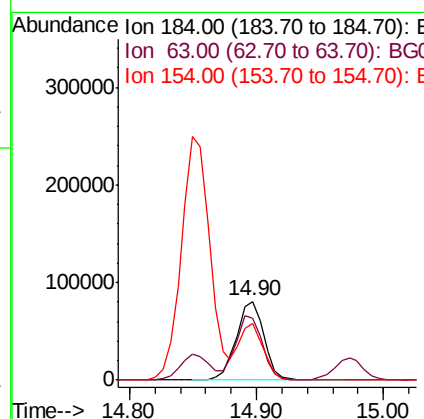
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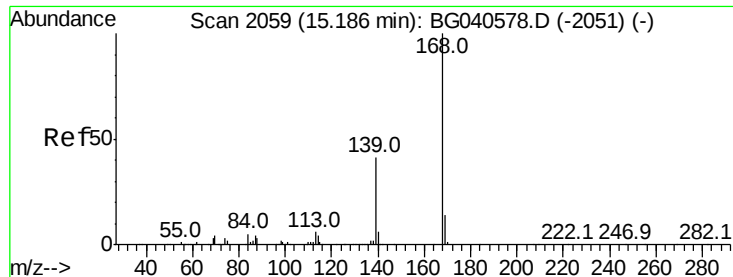
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#54
2,4-Dinitrophenol
Concen: 85.079 ng
RT: 14.90 min Scan# 2010
Delta R.T. 0.01 min
Lab File: BG040613.D
Acq: 25 Apr 2019 16:45

Tgt Ion	Ratio	Lower	Upper
184	100		
63	78.8	51.8	77.6#
154	72.5	43.6	65.4#





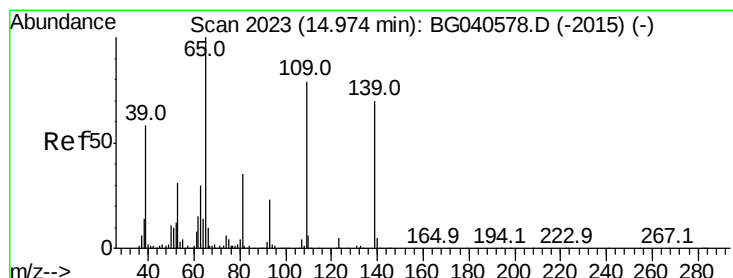
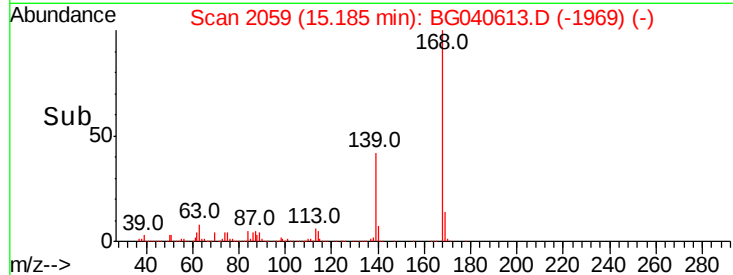
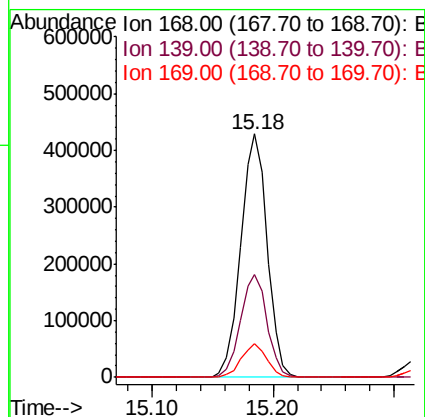
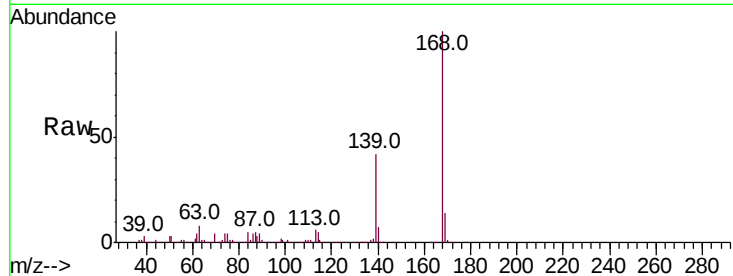
#55
Dibenzofuran
Concen: 42.885 ng
RT: 15.18 min Scan# 2059
Delta R.T. -0.00 min
Lab File: BG040613.D
Acq: 25 Apr 2019 16:45

Instrument :
BNA_G
ClientSampled :
S37-0016MS

Tot Ion	Ratio	Resp	Lower	Upper
168	100	651921		
139	42.4	33.0	49.4	
169	13.9	11.0	16.4	

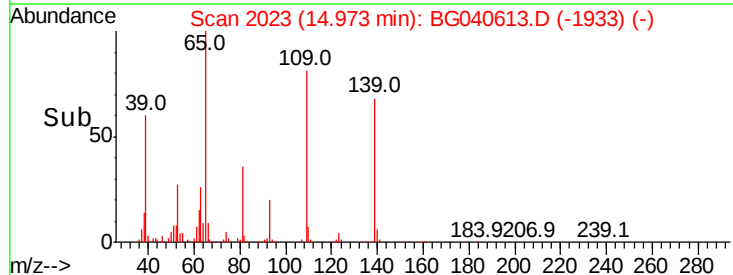
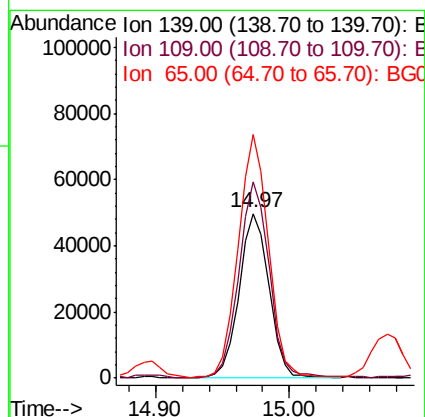
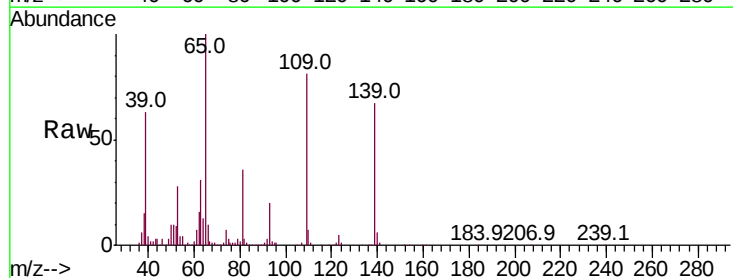
Manual Integrations
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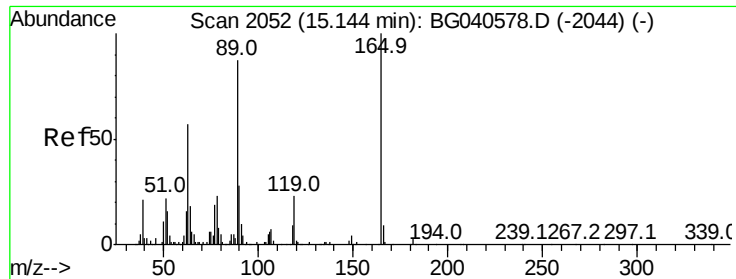
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#56
4-Nitrophenol
Concen: 34.469 ng
RT: 14.97 min Scan# 2023
Delta R.T. -0.00 min
Lab File: BG040613.D
Acq: 25 Apr 2019 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	77308		
109	119.6	93.8	133.8	
65	148.2	122.7	162.7	





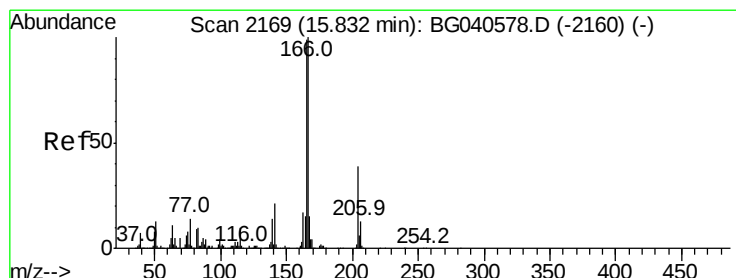
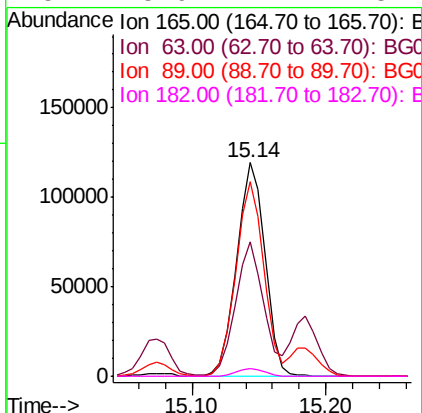
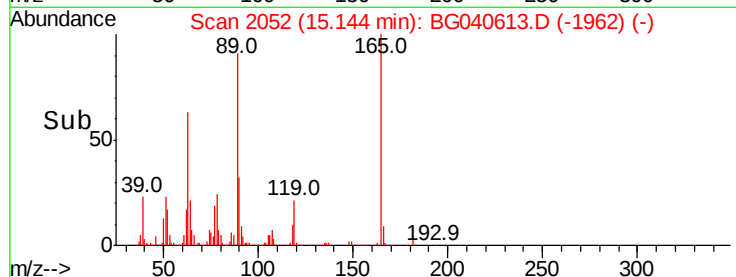
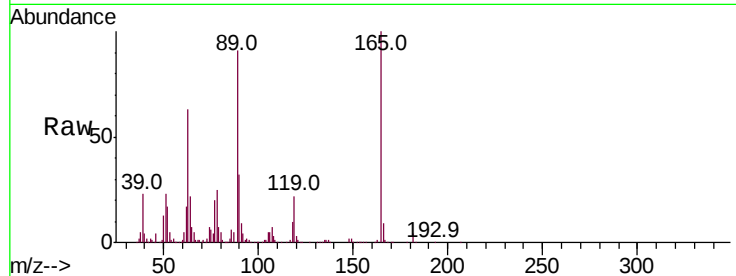
#57
2,4-Dinitrotoluene
Concen: 51.190 ng
RT: 15.14 min Scan# 2052
Delta R.T. -0.00 min
Lab File: BG040613.D
Acq: 25 Apr 2019 16:45

Instrument :
BNA_G
ClientSampleId :
S37-0016MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	175599		
63	63.2	45.8	68.8	
89	91.1	69.4	104.2	
182	3.6	2.2	3.4	

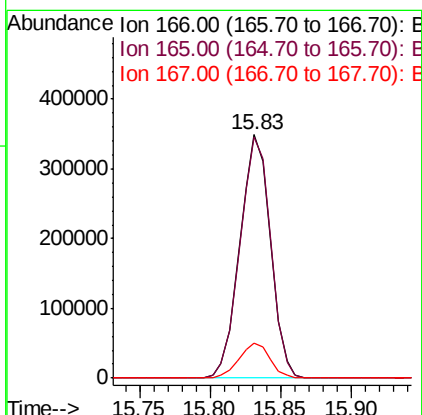
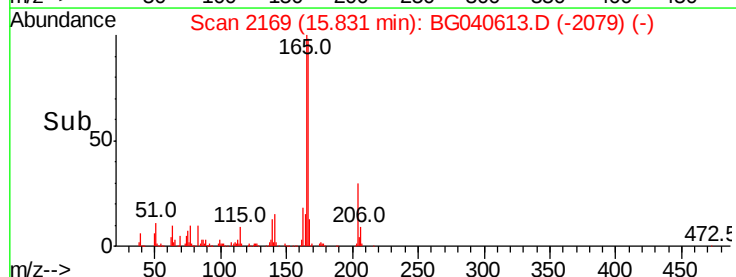
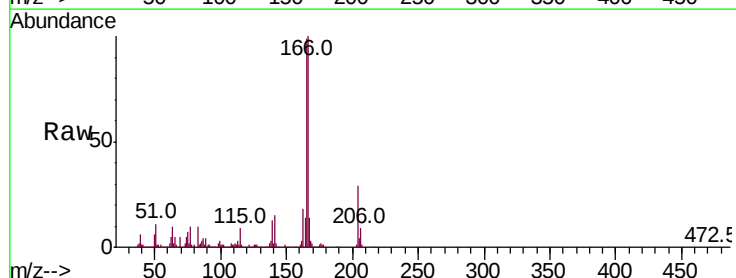
Manual Integrations
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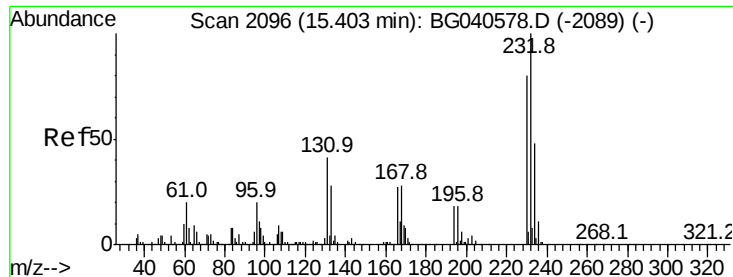
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#58
Fluorene
Concen: 43.058 ng
RT: 15.83 min Scan# 2169
Delta R.T. -0.00 min
Lab File: BG040613.D
Acq: 25 Apr 2019 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	529050		
165	98.8	79.6	119.4	
167	14.3	12.2	18.2	





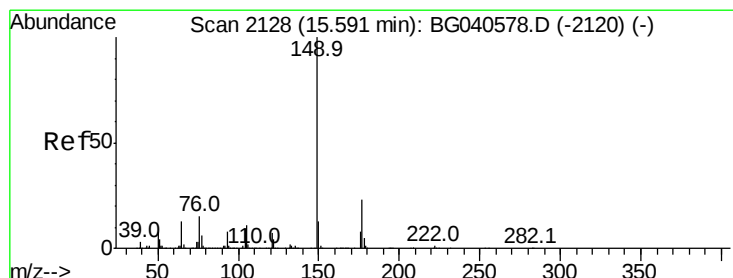
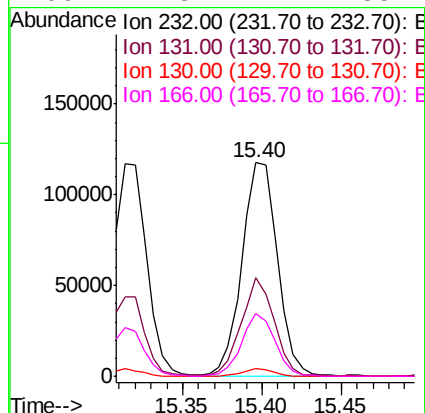
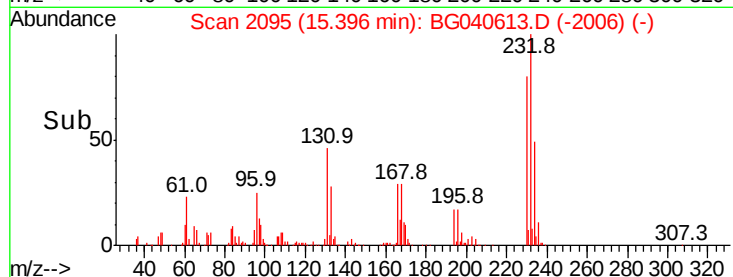
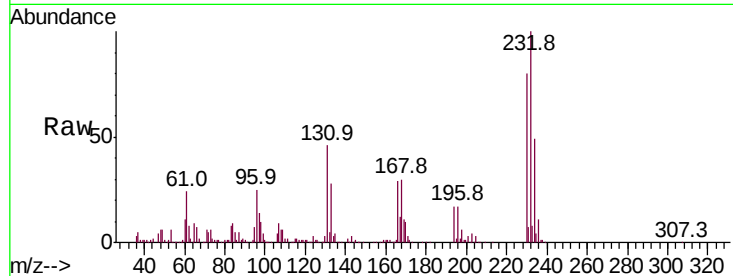
#59
2,3,4,6-Tetrachlorophenol
Concen: 47.711 ng
RT: 15.40 min Scan# 2095
Delta R.T. -0.01 min
Lab File: BG040613.D
Acq: 25 Apr 2019 16:45

Instrument :
BNA_G
ClientSampleId :
S37-0016MS

Tot Ion	Ratio	Resp Lower	Resp Upper
232	100		
131	42.7	33.0	49.4
130	3.0	2.0	3.0
166	27.8	22.1	33.1

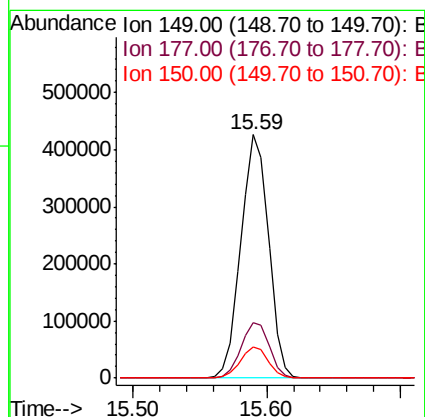
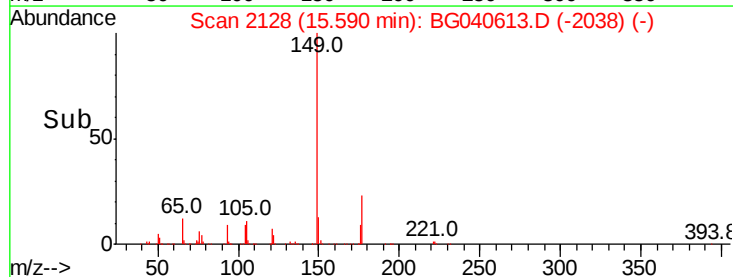
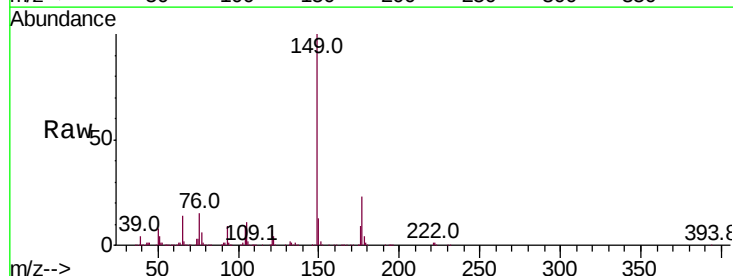
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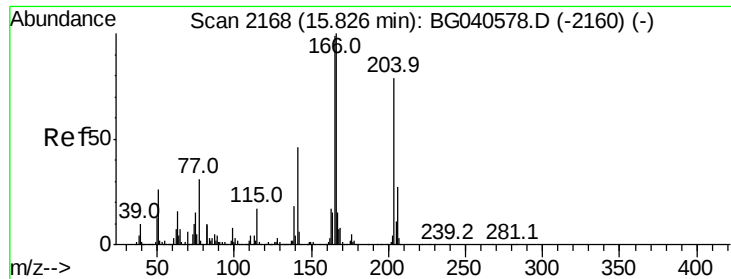
Sohil
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#60
Diethylphthalate
Concen: 44.709 ng
RT: 15.59 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BG040613.D
Acq: 25 Apr 2019 16:45

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	22.9	18.5	27.7
150	12.9	10.2	15.4





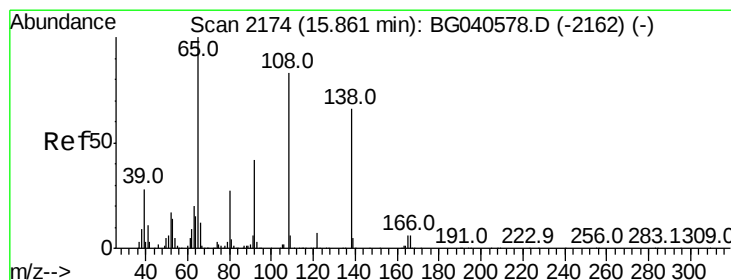
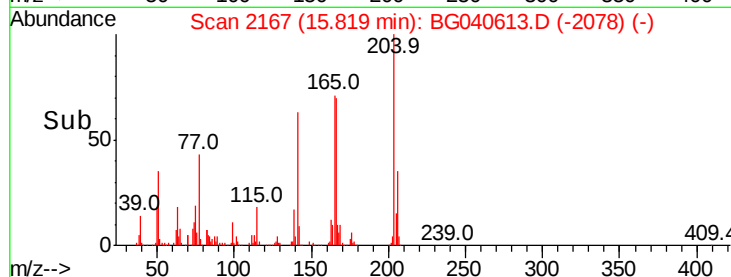
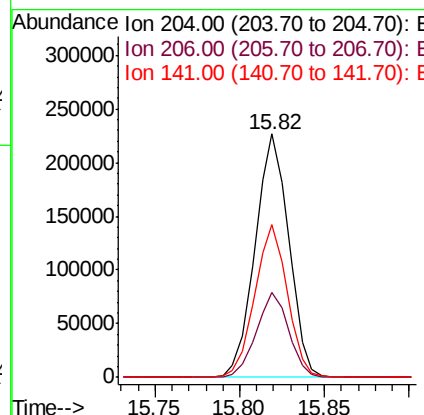
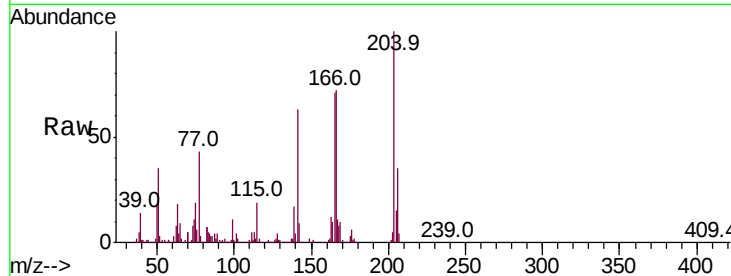
#61
4-Chlorophenyl-phenylether
Concen: 43.895 ng
RT: 15.82 min Scan# 2167
Delta R.T. -0.01 min
Lab File: BG040613.D
Acq: 25 Apr 2019 16:45

Instrument :
BNA_G
ClientSampleId :
S37-0016MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.0	27.4	41.2
141	62.8	46.0	69.0

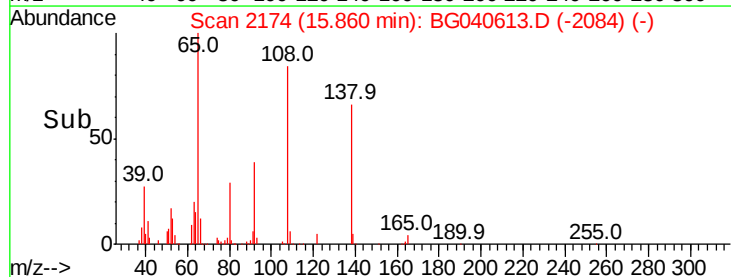
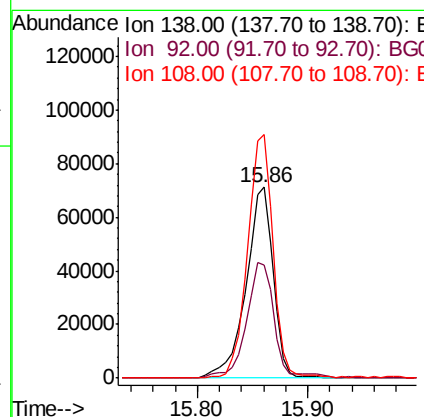
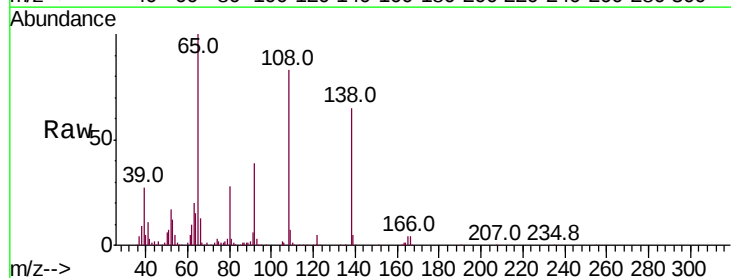
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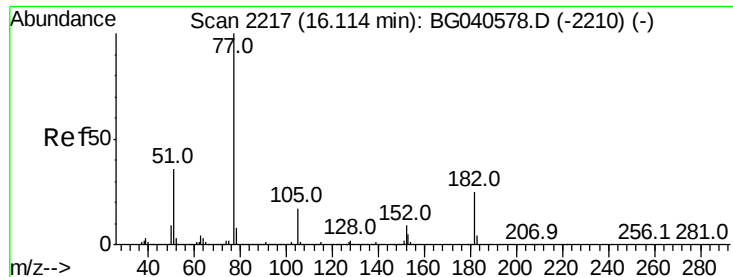
Sohil
4/30/2019 6:59:36 PM



#62
4-Nitroaniline
Concen: 42.448 ng
RT: 15.86 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BG040613.D
Acq: 25 Apr 2019 16:45

Tgt Ion	Ratio	Lower	Upper
138	100		
92	59.5	43.9	83.9
108	127.8	106.5	146.5





#63

Azobenzene

Concen: 44.608 ng

RT: 16.11 min Scan# 2217

Delta R.T. -0.00 min

Lab File: BG040613.D

Acq: 25 Apr 2019 16:45

Instrument :

BNA_G

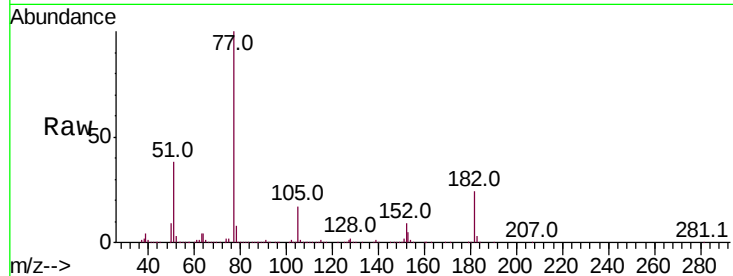
ClientSampleId :

S37-0016MS

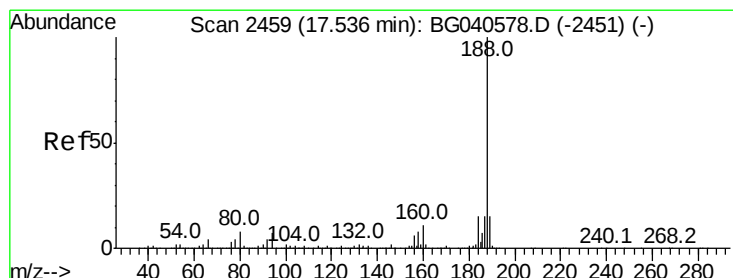
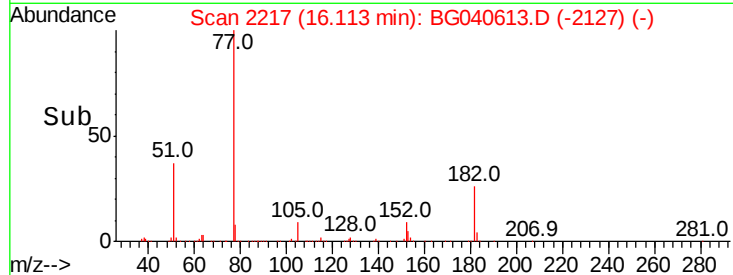
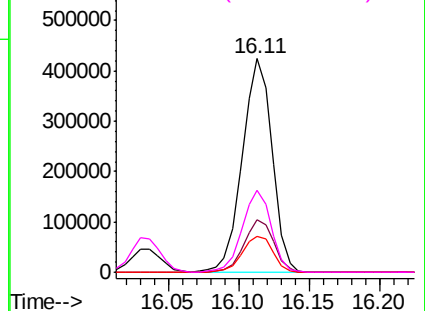
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	24.4	5.0	45.0	
105	16.5	0.0	37.6	
51	38.4	16.3	56.3	

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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.53 min Scan# 2459

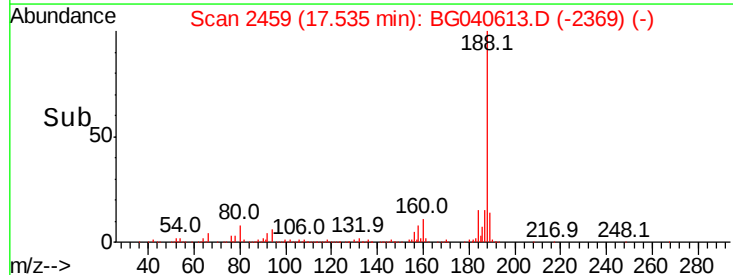
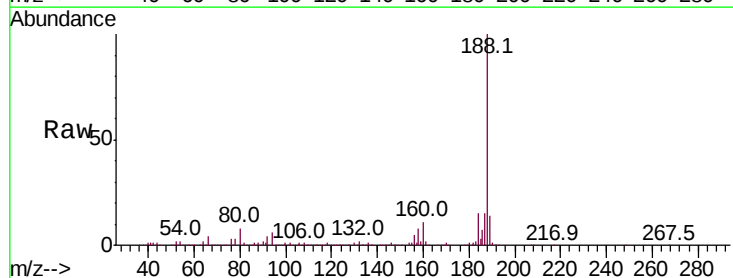
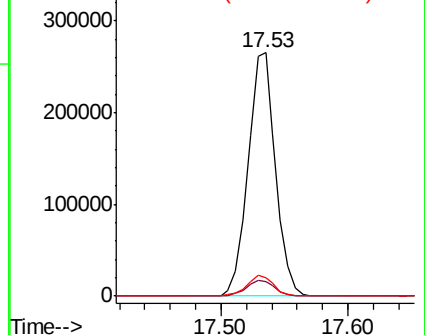
Delta R.T. -0.00 min

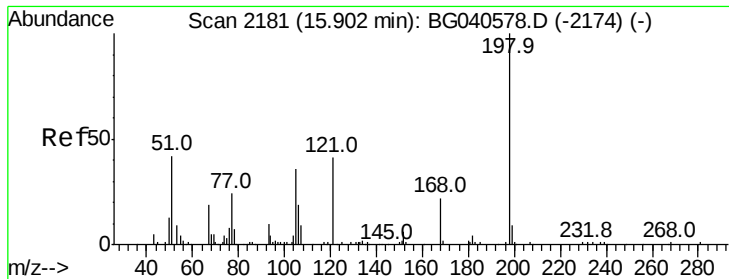
Lab File: BG040613.D

Acq: 25 Apr 2019 16:45

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	5.9	5.6	8.4	
80	7.8	6.4	9.6	

Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 45.894 ng

RT: 15.90 min Scan# 2181

Delta R.T. -0.00 min

Lab File: BG040613.D

Acq: 25 Apr 2019 16:45

Instrument :

BNA_G

ClientSampleId :

S37-0016MS

Tot Ion:198 Resp: 88748

Ion Ratio Lower Upper

198 100

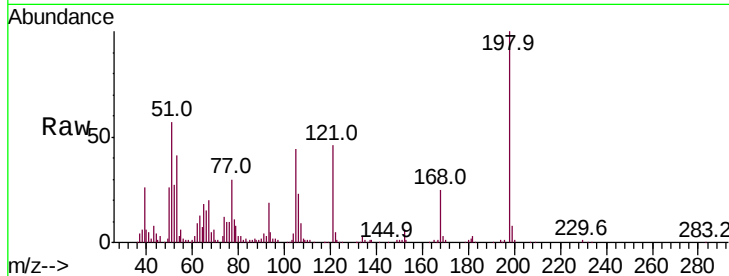
51 56.9 35.9 75.9

105 43.8 21.2 61.2

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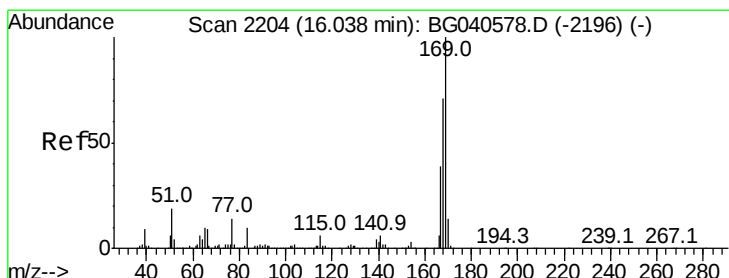
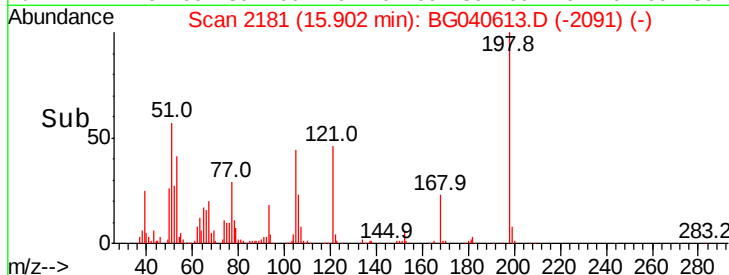
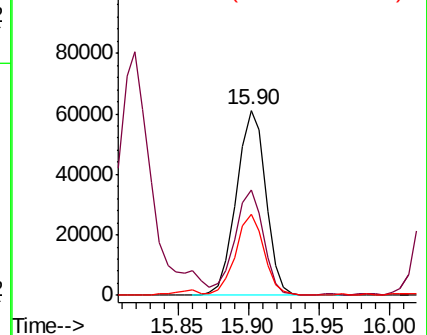
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.519 ng

RT: 16.04 min Scan# 2204

Delta R.T. -0.00 min

Lab File: BG040613.D

Acq: 25 Apr 2019 16:45

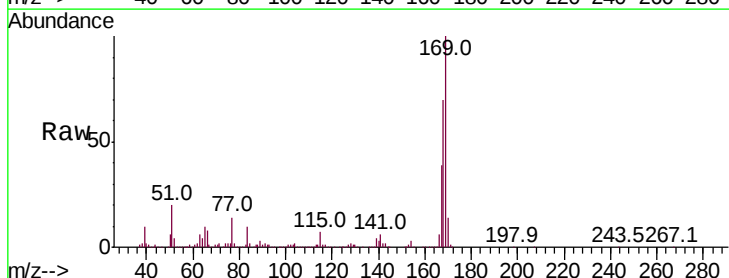
Tgt Ion:169 Resp: 494898

Ion Ratio Lower Upper

169 100

168 70.4 56.8 85.2

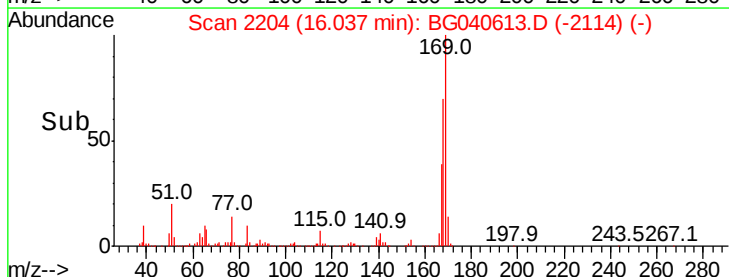
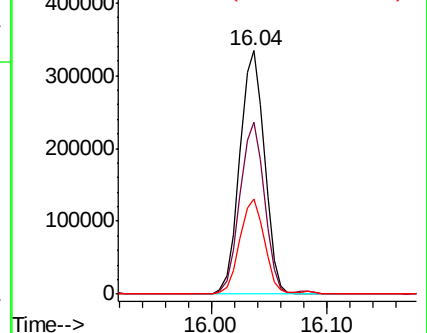
167 39.3 31.4 47.0

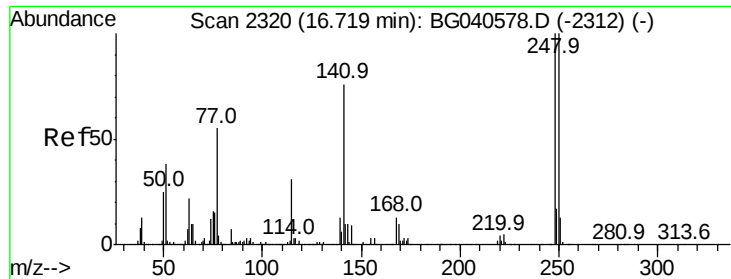


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





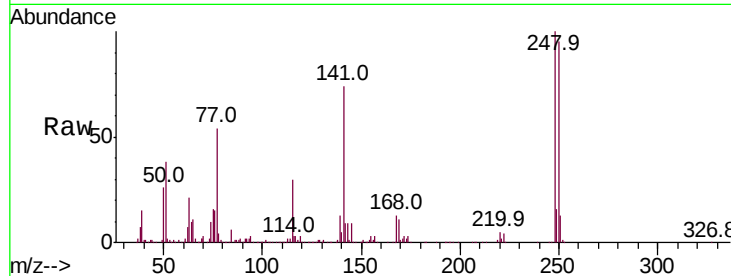
#67
4-Bromophenyl-phenylether
Concen: 42.599 ng
RT: 16.72 min Scan# 2320
Delta R.T. -0.00 min
Lab File: BG040613.D
Acq: 25 Apr 2019 16:45

Instrument :
BNA_G
ClientSampleId :
S37-0016MS

Tot Ion	Ratio	Resp	Lower	Upper
248	100	209959		
250	95.4	79.8	119.6	
141	73.8	60.8	91.2	

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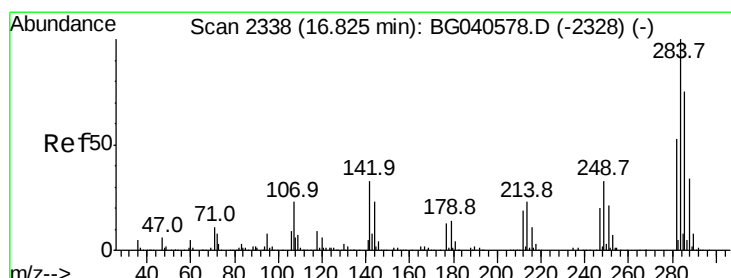
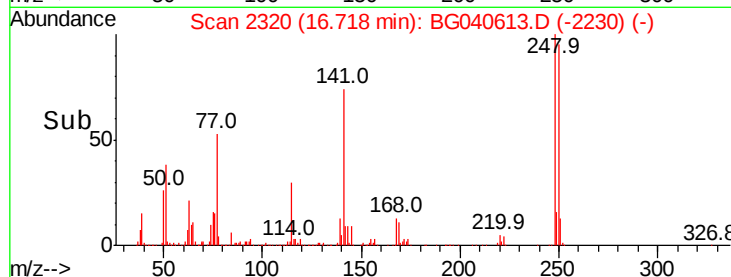
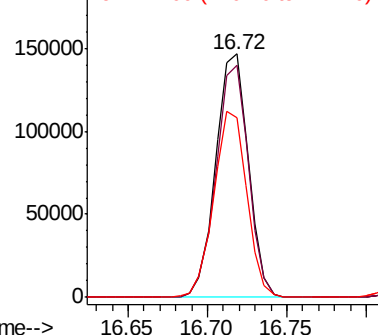


Abundance

Ion 248.00 (247.70 to 248.70): E

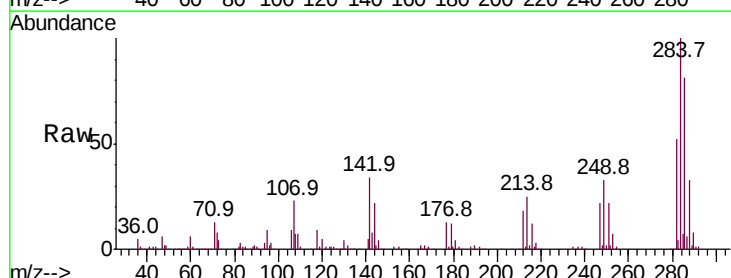
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 41.945 ng
RT: 16.82 min Scan# 2338
Delta R.T. -0.00 min
Lab File: BG040613.D
Acq: 25 Apr 2019 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	213768		
142	33.7	26.6	40.0	
249	35.2	26.0	39.0	

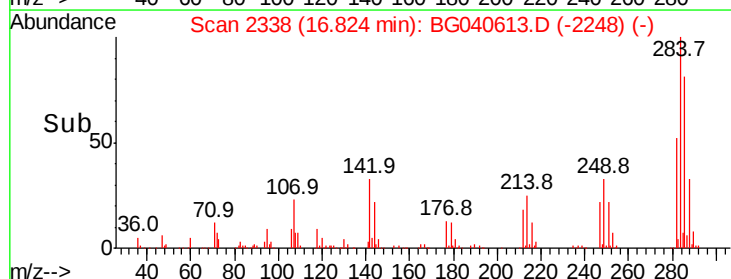
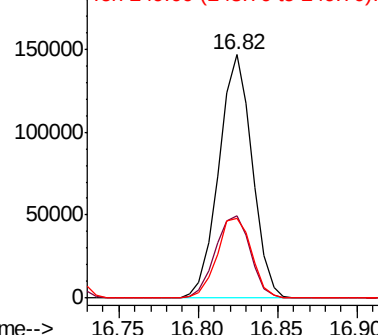


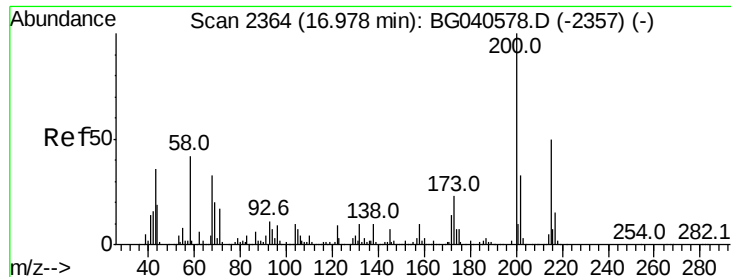
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





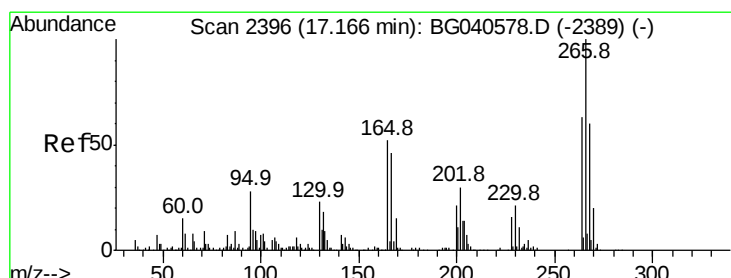
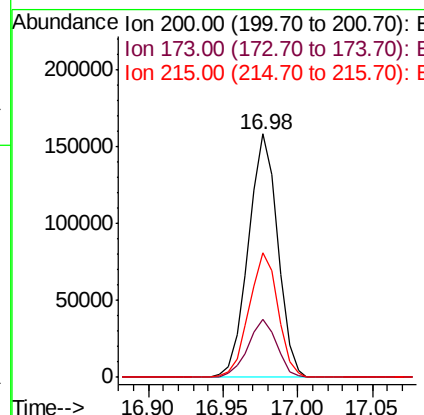
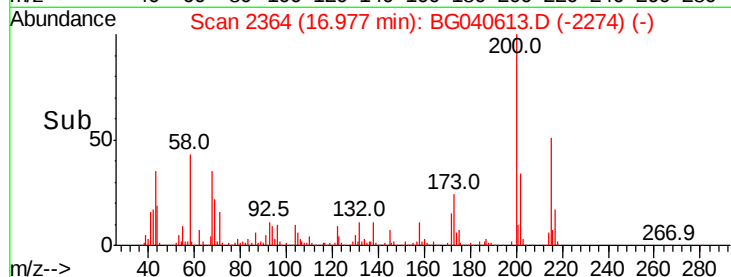
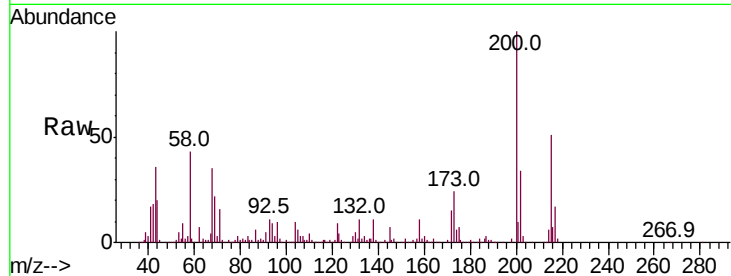
#69
Atrazine
Concen: 46.467 ng
RT: 16.98 min Scan# 2364
Delta R.T. -0.00 min
Lab File: BG040613.D
Acq: 25 Apr 2019 16:45

Instrument :
BNA_G
ClientSampleId :
S37-0016MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.7	2.8	42.8
215	51.0	30.2	70.2

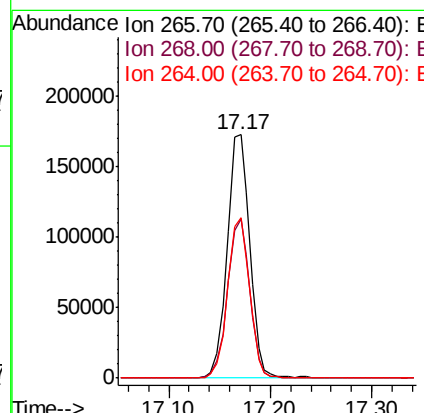
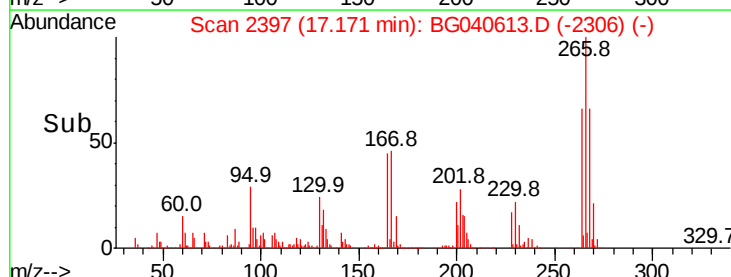
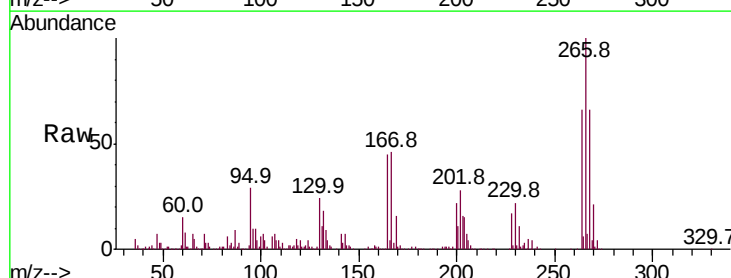
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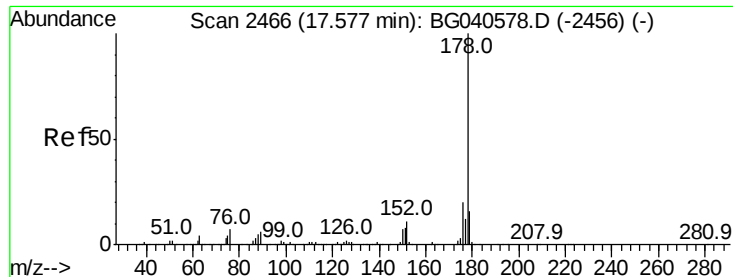
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#70
Pentachlorophenol
Concen: 89.302 ng
RT: 17.17 min Scan# 2397
Delta R.T. 0.01 min
Lab File: BG040613.D
Acq: 25 Apr 2019 16:45

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.5	52.3	78.5
264	66.0	50.0	75.0





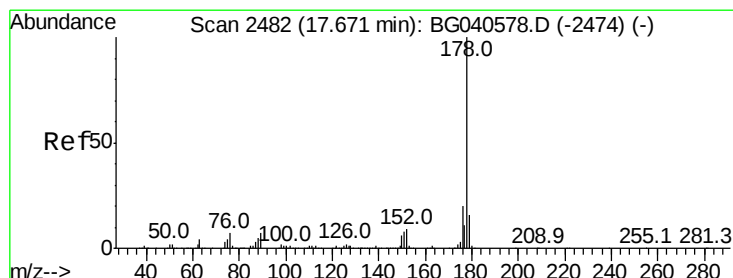
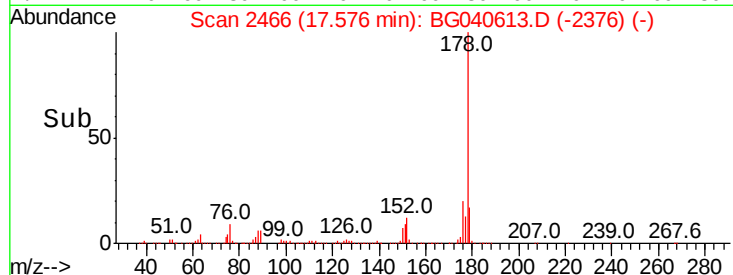
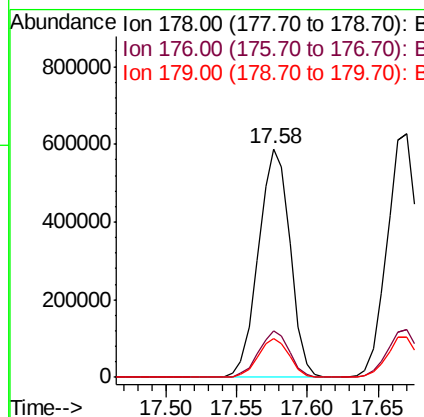
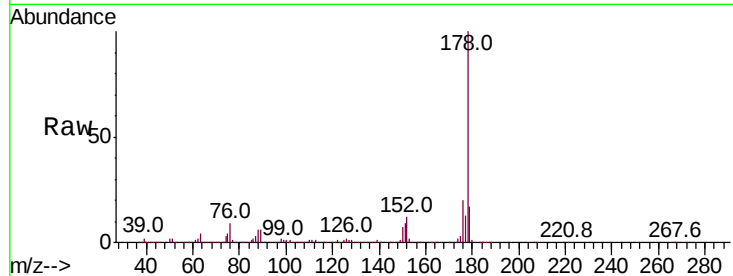
#71
Phenanthrene
Concen: 43.439 ng
RT: 17.58 min Scan# 2466
Delta R.T. -0.00 min
Lab File: BG040613.D
Acq: 25 Apr 2019 16:45

Instrument :
BNA_G
ClientSampleId :
S37-0016MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.8	23.6
179	17.2	12.6	18.8

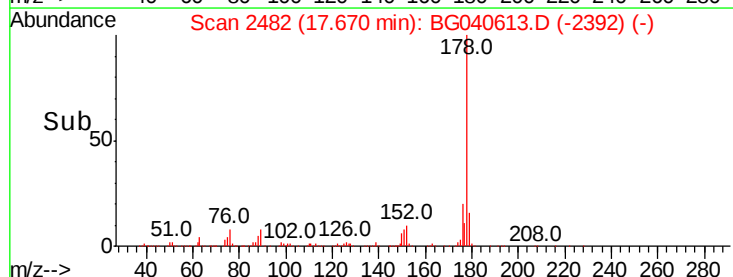
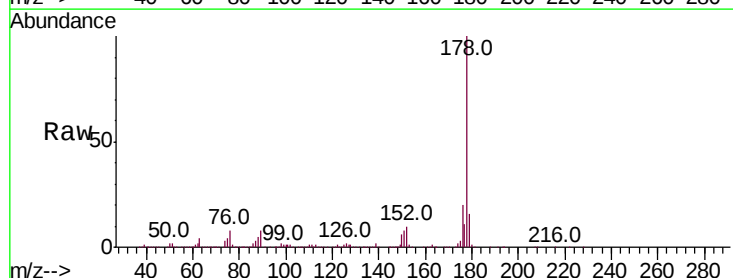
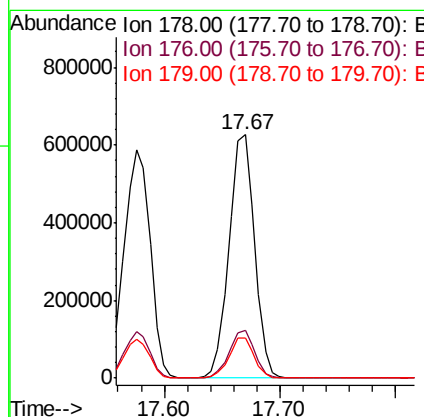
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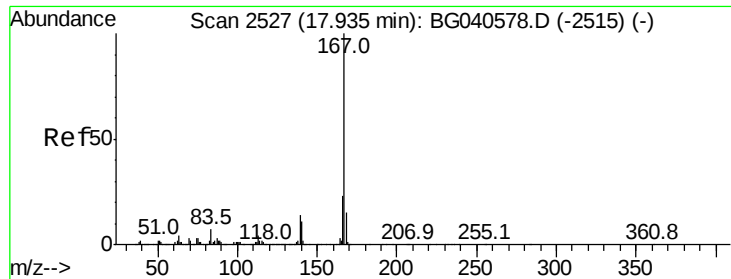
Sohil
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#72
Anthracene
Concen: 44.754 ng
RT: 17.67 min Scan# 2482
Delta R.T. -0.00 min
Lab File: BG040613.D
Acq: 25 Apr 2019 16:45

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.6	23.4
179	16.4	12.9	19.3





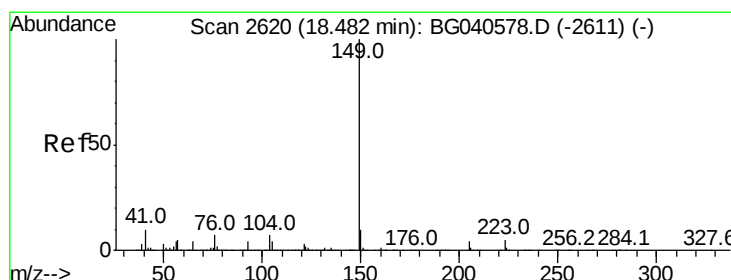
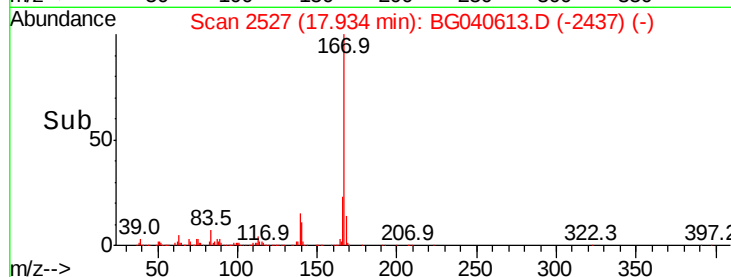
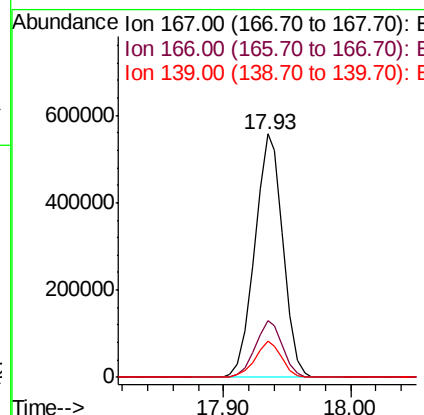
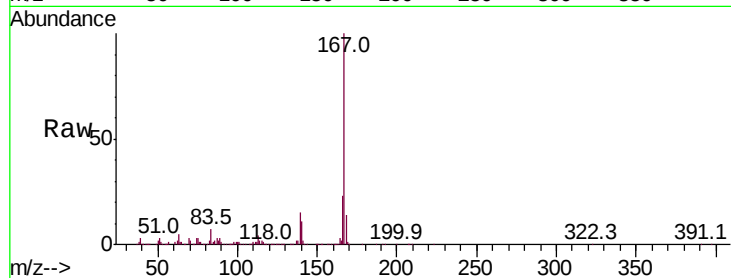
#73
 Carbazole
 Concen: 43.954 ng
 RT: 17.93 min Scan# 2527
 Delta R.T. -0.00 min
 Lab File: BG040613.D
 Acq: 25 Apr 2019 16:45

Instrument :
 BNA_G
 ClientSampleId :
 S37-0016MS

Tot Ion:	167	Resp:	857719
Ion Ratio	Lower	Upper	
167	100		
166	23.3	18.2	27.4
139	14.7	11.4	17.0

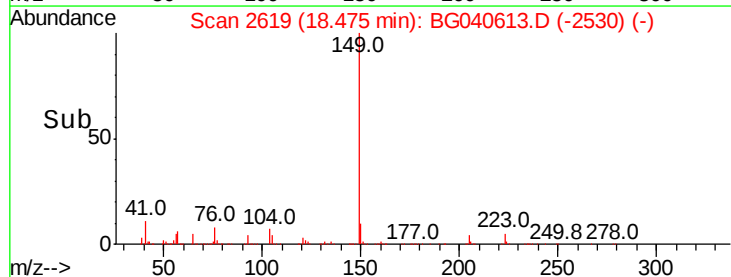
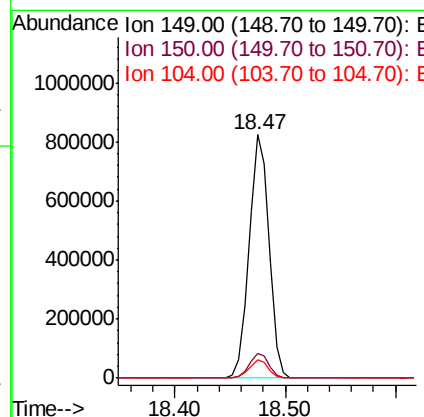
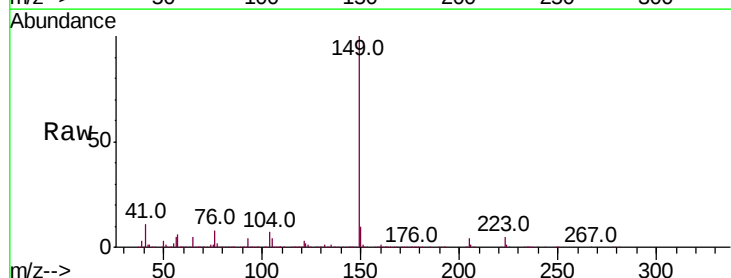
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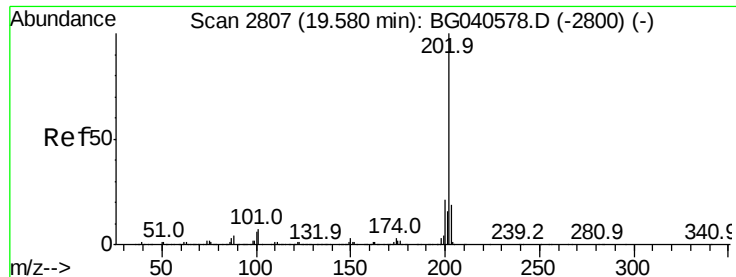
Sohil
 4/30/2019 6:59:36 PM



#74
 Di-n-butylphthalate
 Concen: 44.299 ng
 RT: 18.47 min Scan# 2619
 Delta R.T. -0.01 min
 Lab File: BG040613.D
 Acq: 25 Apr 2019 16:45

Tgt Ion:	149	Resp:	1043386
Ion Ratio	Lower	Upper	
149	100		
150	10.0	8.2	12.2
104	7.4	5.4	8.2





#75

Fluoranthene

Concen: 44.678 ng

RT: 19.58 min Scan# 2807

Delta R.T. -0.00 min

Lab File: BG040613.D

Acq: 25 Apr 2019 16:45

Instrument :

BNA_G

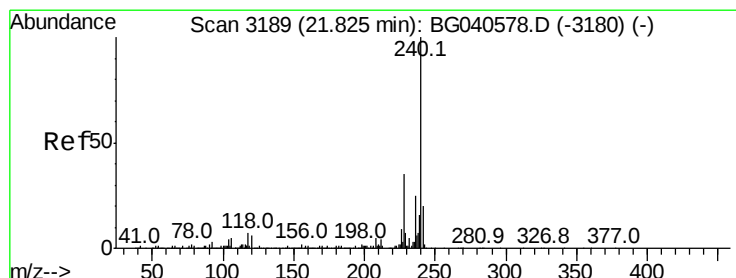
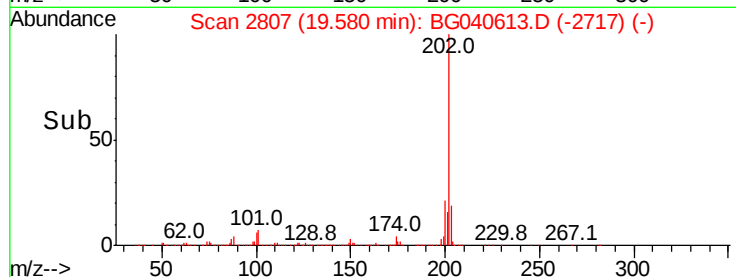
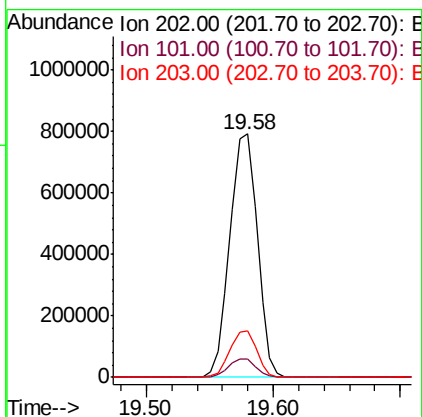
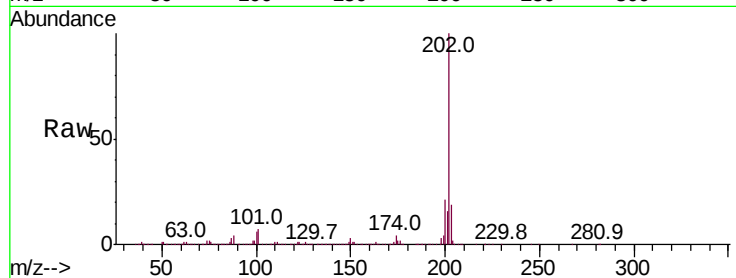
ClientSampleId :

S37-0016MS

Tot Ion:	202	Resp:	1186395
Ion	Ratio	Lower	Upper
202	100		
101	7.3	0.0	27.5
203	18.9	0.0	39.3

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

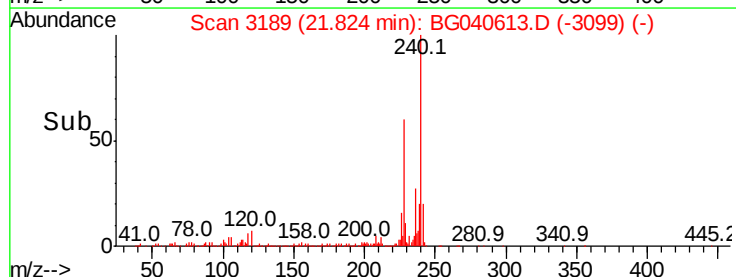
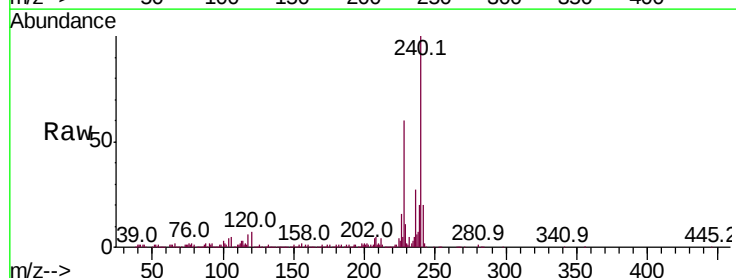
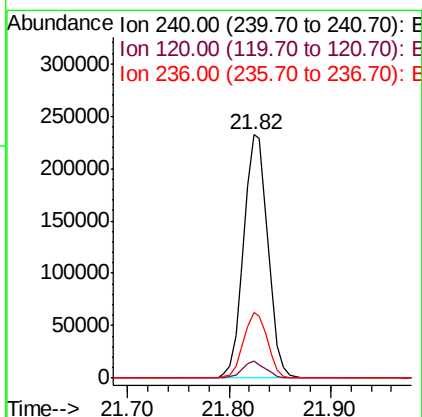
RT: 21.82 min Scan# 3189

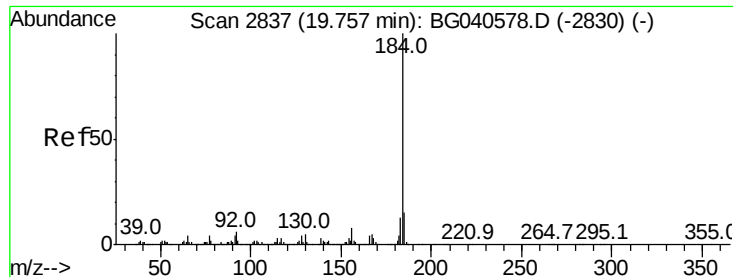
Delta R.T. -0.00 min

Lab File: BG040613.D

Acq: 25 Apr 2019 16:45

Tgt Ion:	240	Resp:	384945
Ion	Ratio	Lower	Upper
240	100		
120	6.9	5.0	7.6
236	27.2	20.3	30.5





#77

Benzidine

Concen: 25.063 ng

RT: 19.76 min Scan# 2837

Delta R.T. -0.00 min

Lab File: BG040613.D

Acq: 25 Apr 2019 16:45

Instrument :

BNA_G

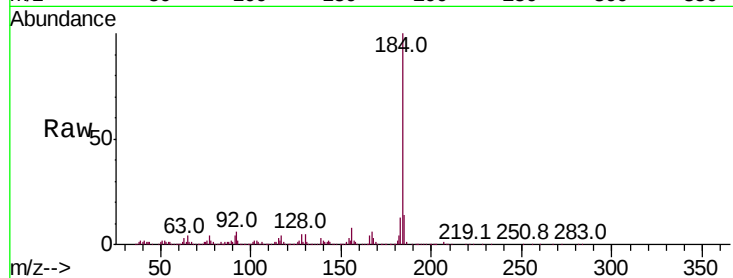
ClientSampled :

S37-0016MS

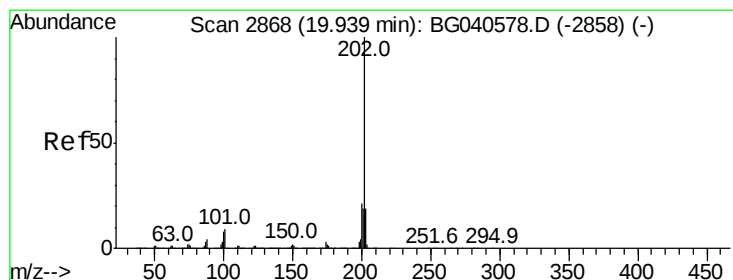
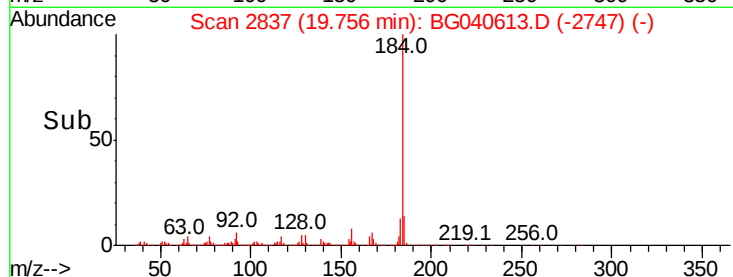
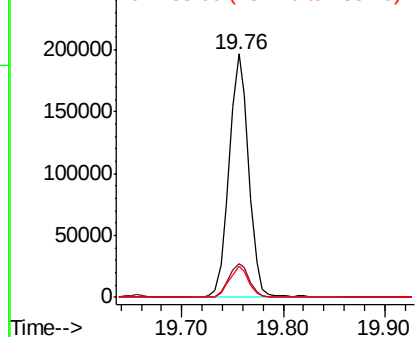
Tot Ion:	184	Resp:	264160
Ion Ratio	Lower	Upper	
184	100		
185	14.0	11.8	17.8
183	13.0	10.2	15.2

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 49.395 ng

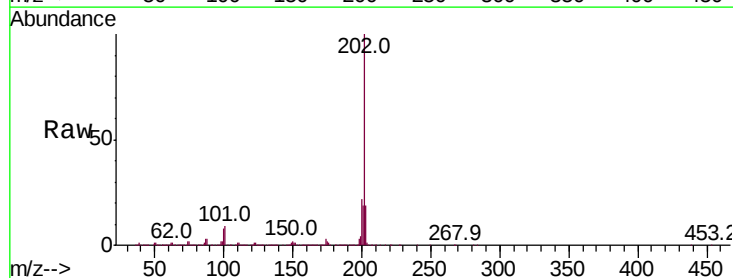
RT: 19.94 min Scan# 2868

Delta R.T. -0.00 min

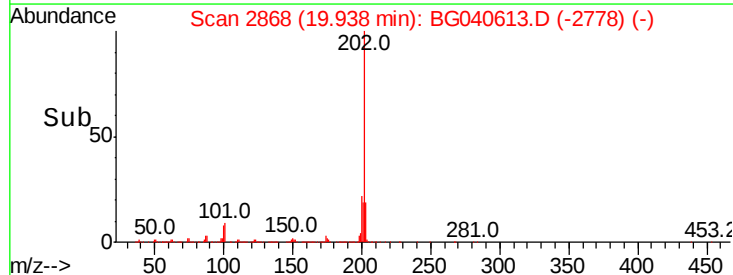
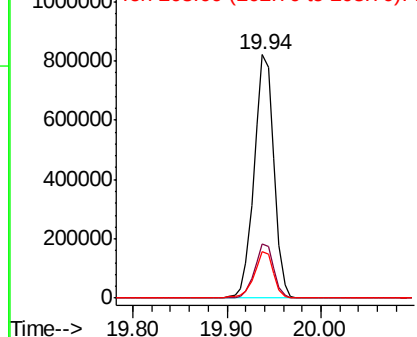
Lab File: BG040613.D

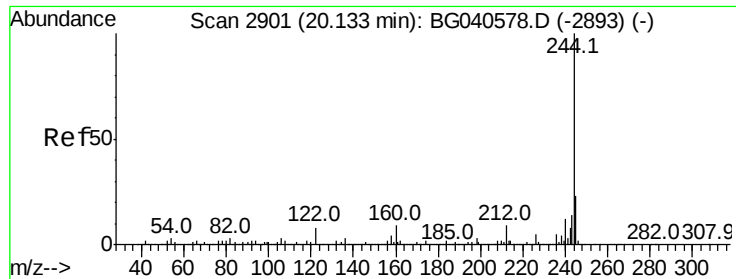
Acq: 25 Apr 2019 16:45

Tgt Ion:	202	Resp:	1191739
Ion Ratio	Lower	Upper	
202	100		
200	22.1	17.2	25.8
203	18.9	15.0	22.4



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





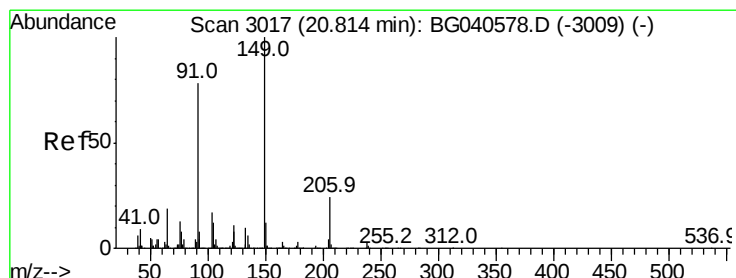
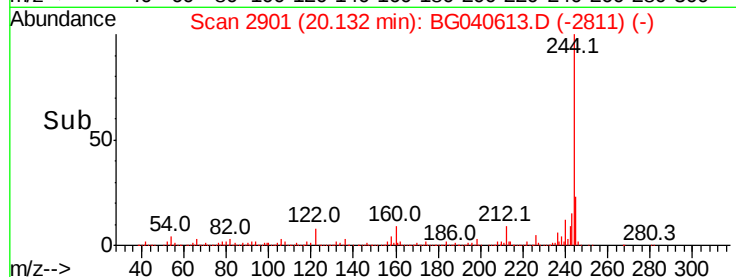
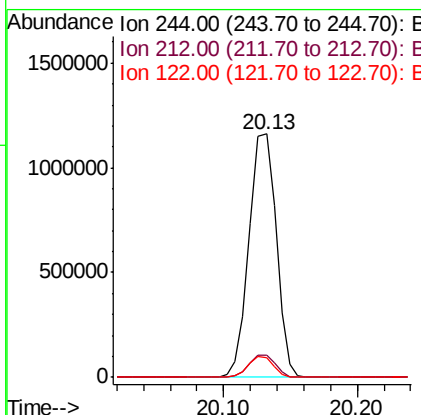
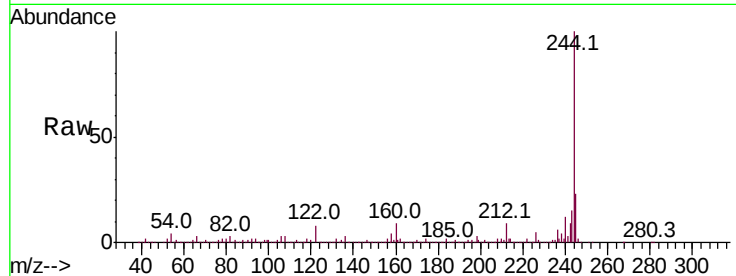
#79
 Terphenyl-d14
 Concen: 94.226 ng
 RT: 20.13 min Scan# 2901
 Delta R.T. -0.00 min
 Lab File: BG040613.D
 Acq: 25 Apr 2019 16:45

Instrument :
 BNA_G
 ClientSampleId :
 S37-0016MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.4	7.2	10.8
122	7.9	6.6	10.0

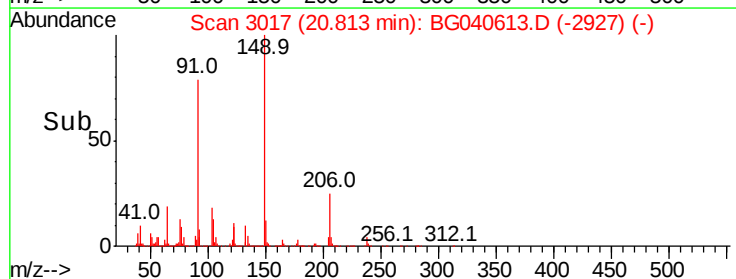
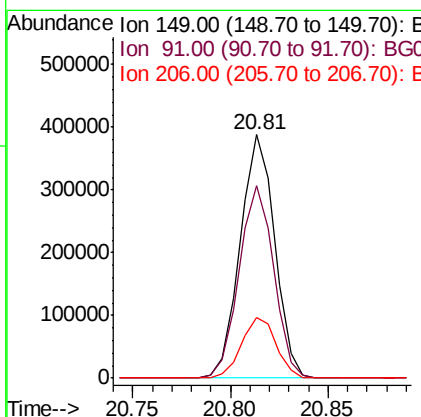
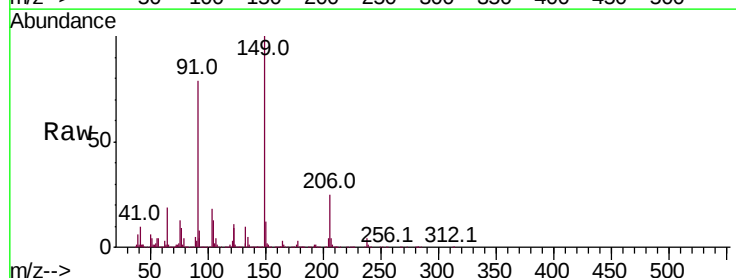
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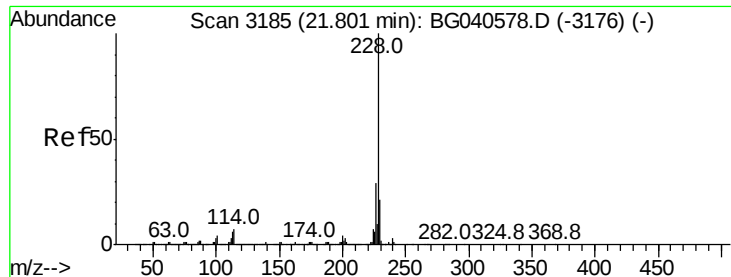
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 4/30/2019 6:59:36 PM



#80
 Butylbenzylphthalate
 Concen: 50.439 ng
 RT: 20.81 min Scan# 3017
 Delta R.T. -0.00 min
 Lab File: BG040613.D
 Acq: 25 Apr 2019 16:45

Tgt Ion	Ratio	Lower	Upper
149	100		
91	78.8	62.6	93.8
206	24.7	19.4	29.2





#81

Benzo(a)anthracene

Concen: 46.988 ng

RT: 21.81 min Scan# 3186

Delta R.T. 0.00 min

Lab File: BG040613.D

Acq: 25 Apr 2019 16:45

Instrument :

BNA_G

ClientSampled :

S37-0016MS

Tot Ion:228 Resp: 1143160

Ion Ratio Lower Upper

228 100

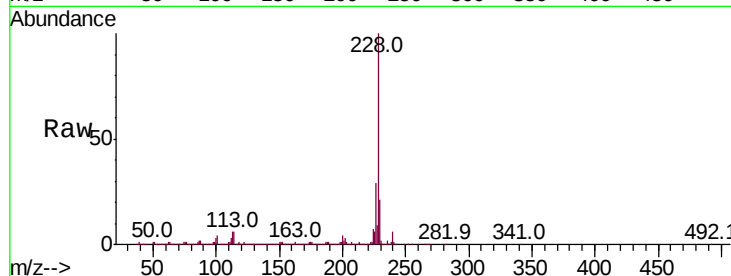
226 29.5 23.1 34.7

229 21.0 17.0 25.4

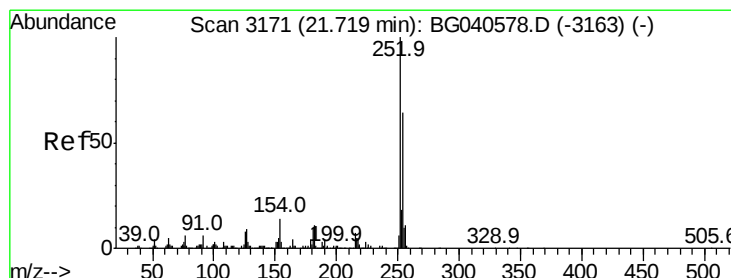
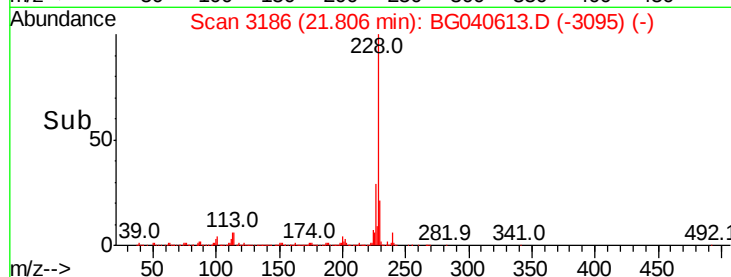
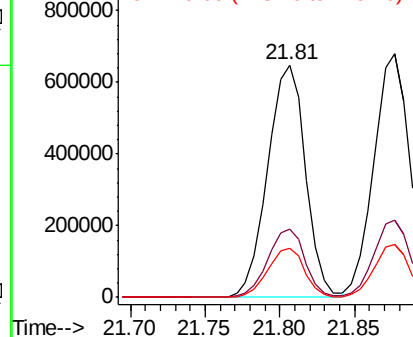
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 17.826 ng

RT: 21.71 min Scan# 3170

Delta R.T. -0.01 min

Lab File: BG040613.D

Acq: 25 Apr 2019 16:45

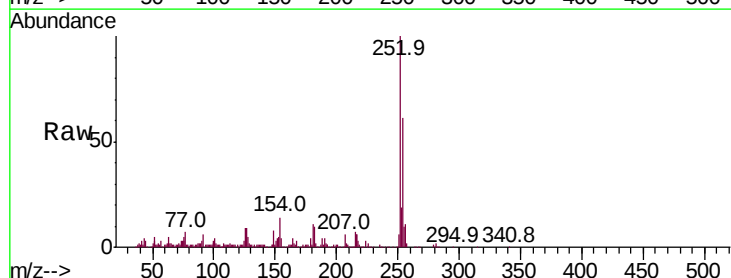
Tgt Ion:252 Resp: 154578

Ion Ratio Lower Upper

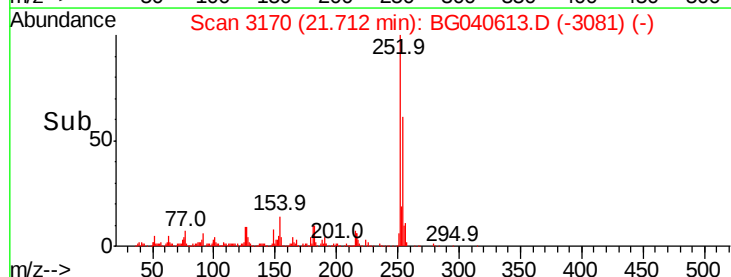
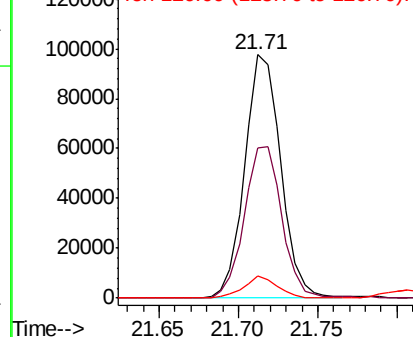
252 100

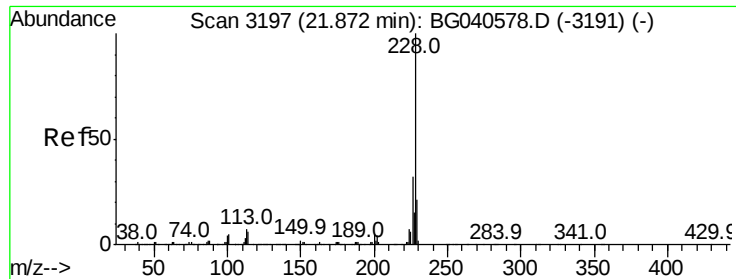
254 61.5 51.2 76.8

126 9.3 6.6 10.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 48.311 ng

RT: 21.88 min Scan# 3198

Delta R.T. 0.01 min

Lab File: BG040613.D

Acq: 25 Apr 2019 16:45

Instrument :

BNA_G

ClientSampleId :

S37-0016MS

Tot Ion:228 Resp: 1117793

Ion	Ratio	Lower	Upper
228	100		
226	32.0	25.5	38.3
229	21.9	16.8	25.2

228 100

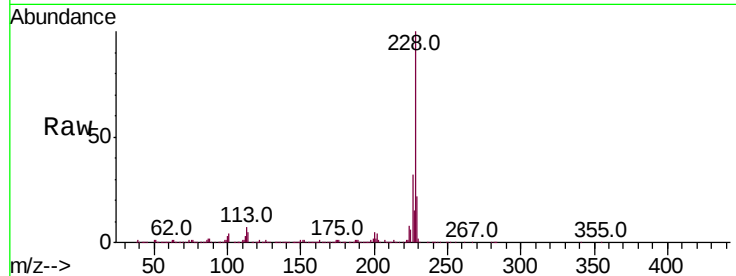
226 32.0 25.5 38.3

229 21.9 16.8 25.2

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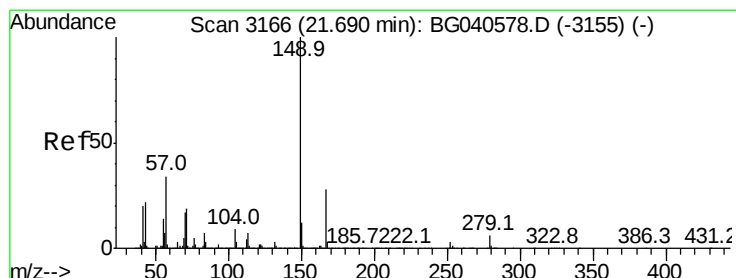
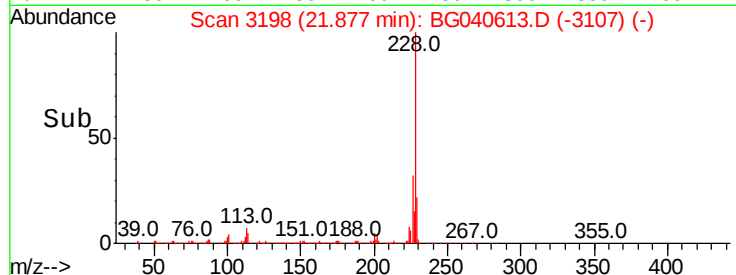
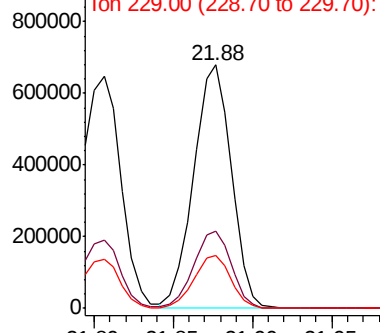


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.670 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.00 min

Lab File: BG040613.D

Acq: 25 Apr 2019 16:45

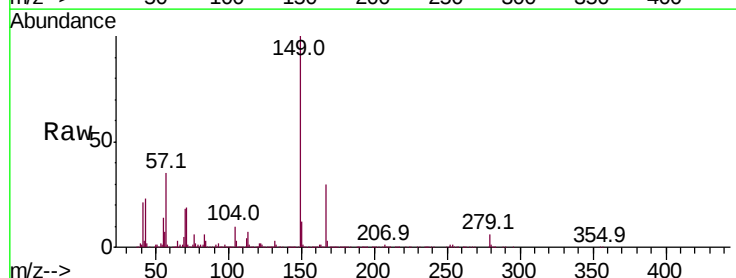
Tgt Ion:149 Resp: 660640

Ion	Ratio	Lower	Upper
149	100		
167	29.8	22.4	33.6
279	5.6	4.6	6.8

149 100

167 29.8 22.4 33.6

279 5.6 4.6 6.8

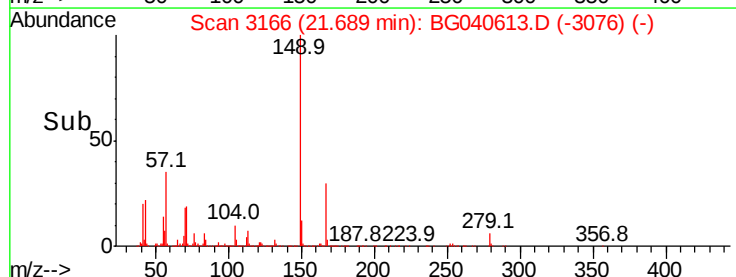
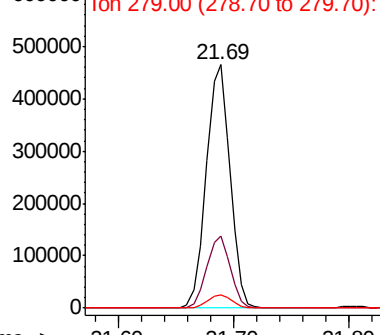


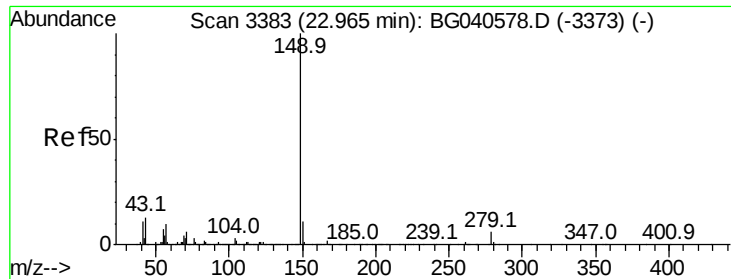
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





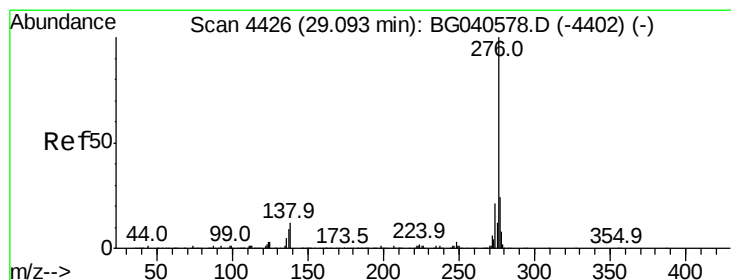
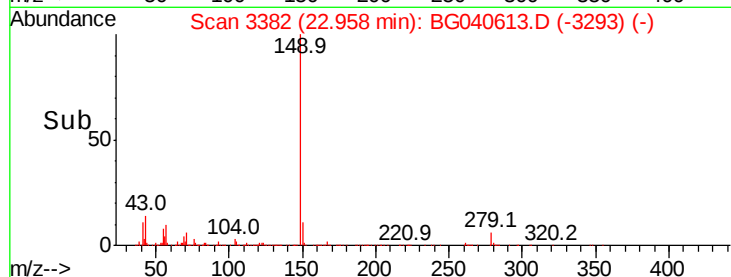
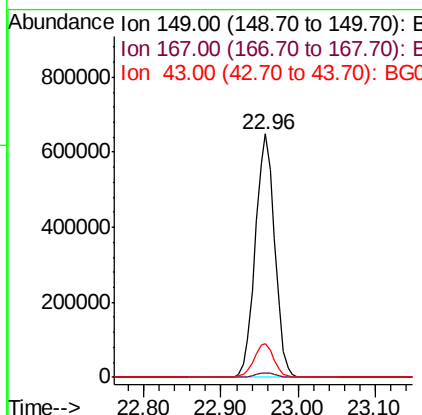
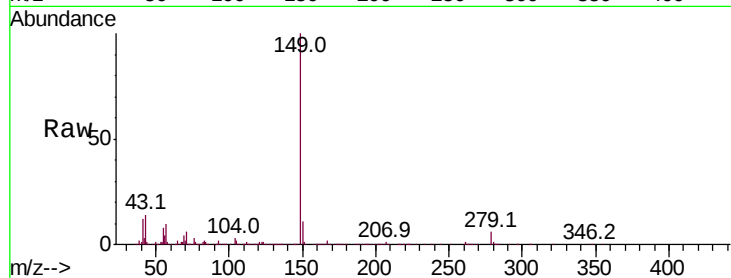
#85
Di-n-octyl phthalate
Concen: 49.952 ng
RT: 22.96 min Scan# 3382
Delta R.T. -0.01 min
Lab File: BG040613.D
Acq: 25 Apr 2019 16:45

Instrument :
BNA_G
ClientSampleId :
S37-0016MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.2
43	13.7	10.2	15.2

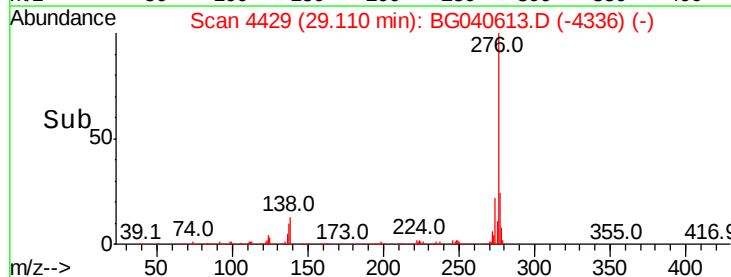
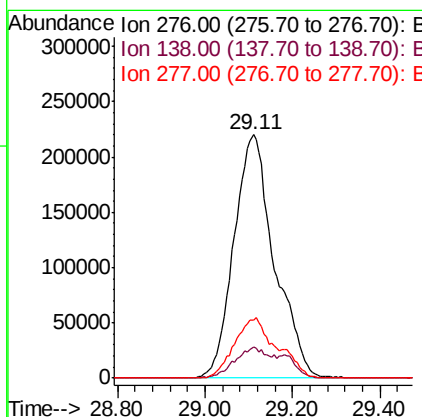
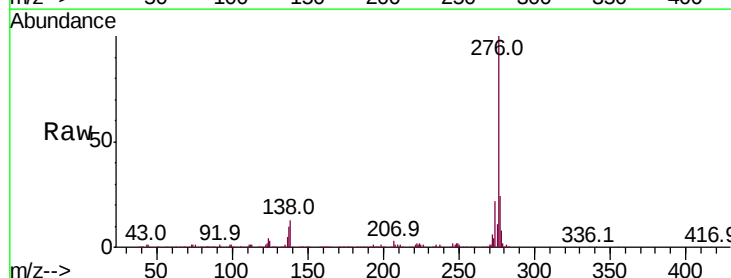
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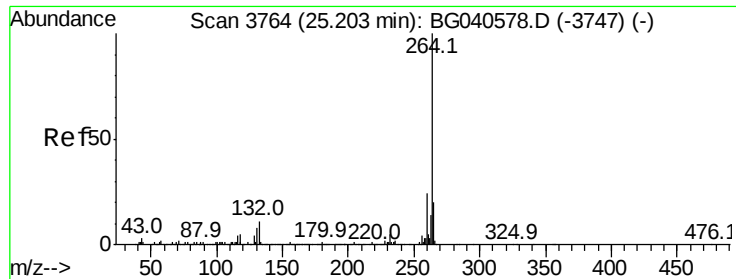
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#86
Indeno(1,2,3-cd)pyrene
Concen: 49.366 ng
RT: 29.11 min Scan# 4429
Delta R.T. 0.02 min
Lab File: BG040613.D
Acq: 25 Apr 2019 16:45

Tgt Ion	Ratio	Lower	Upper
276	100		
138	10.1	9.8	14.6
277	26.2	17.3	25.9#





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.21 min Scan# 3765

Delta R.T. 0.00 min

Lab File: BG040613.D

Acq: 25 Apr 2019 16:45

Instrument :

BNA_G

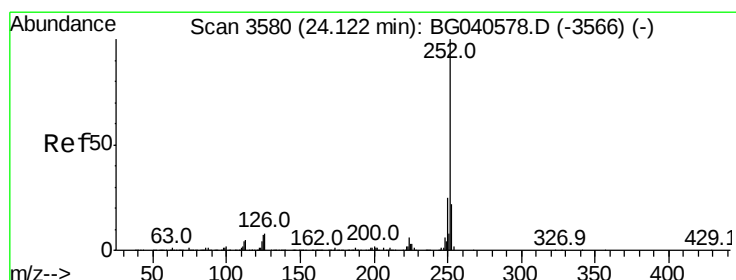
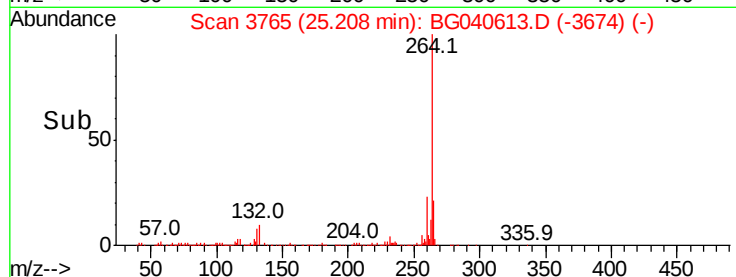
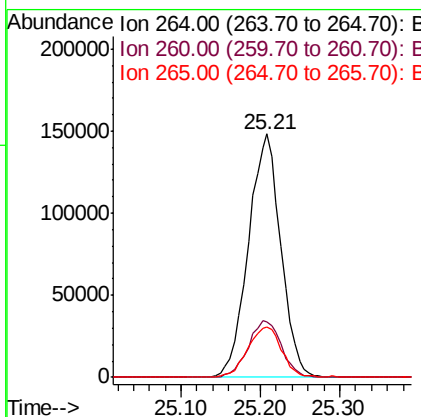
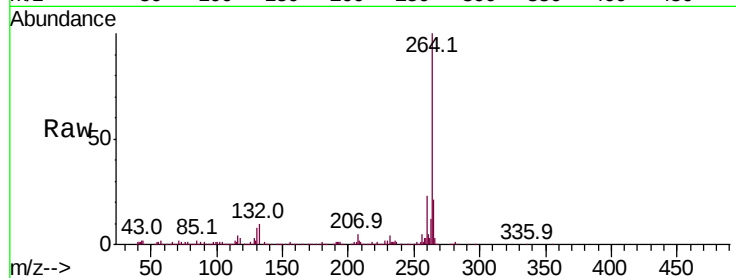
ClientSampleId :

S37-0016MS

Tot Ion:	264	Resp:	420913
Ion Ratio	Lower	Upper	
264	100		
260	22.8	19.2	28.8
265	20.9	16.6	25.0

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#88

Benzo(b)fluoranthene

Concen: 45.892 ng

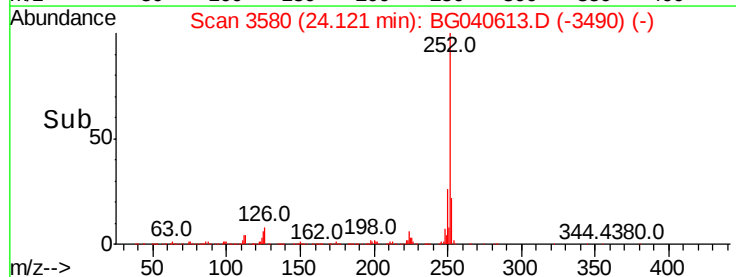
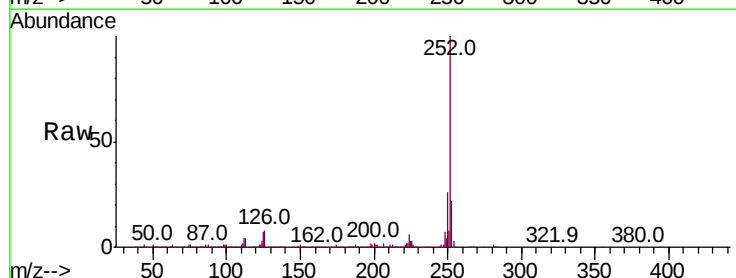
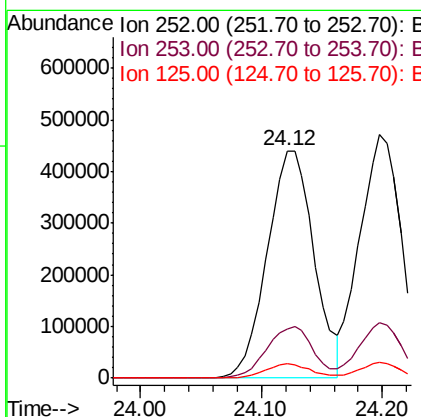
RT: 24.12 min Scan# 3580

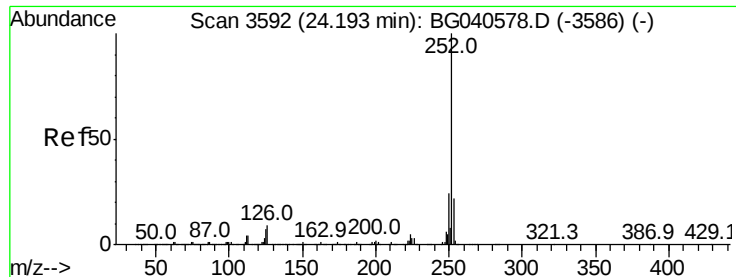
Delta R.T. -0.00 min

Lab File: BG040613.D

Acq: 25 Apr 2019 16:45

Tgt Ion:	252	Resp:	1180416
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.6	26.4
125	6.5	5.4	8.0





#89

Benzo(k)fluoranthene

Concen: 46.914 ng

RT: 24.20 min Scan# 3593

Delta R.T. 0.00 min

Lab File: BG040613.D

Acq: 25 Apr 2019 16:45

Instrument :

BNA_G

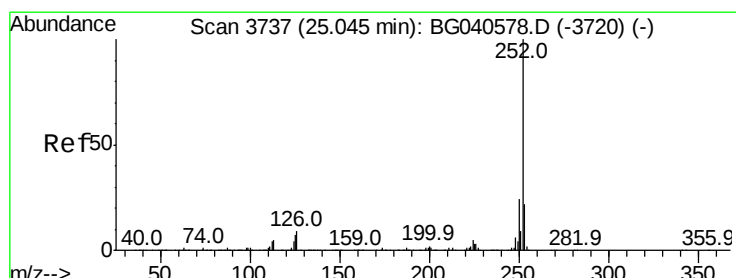
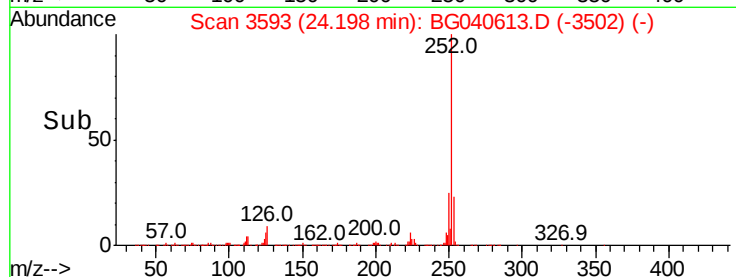
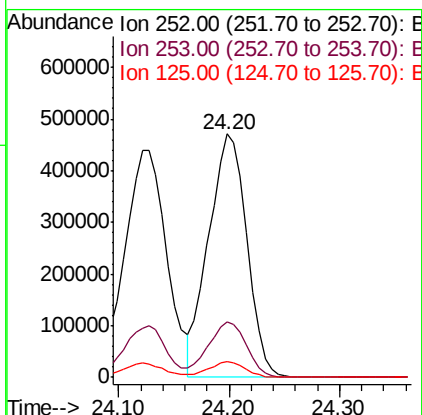
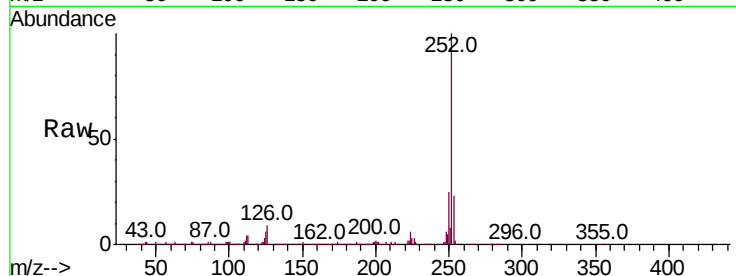
ClientSampleId :

S37-0016MS

Tot Ion:	252	Resp:	1126943
Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.6	26.4
125	6.3	5.5	8.3

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#90

Benzo(a)pyrene

Concen: 46.981 ng

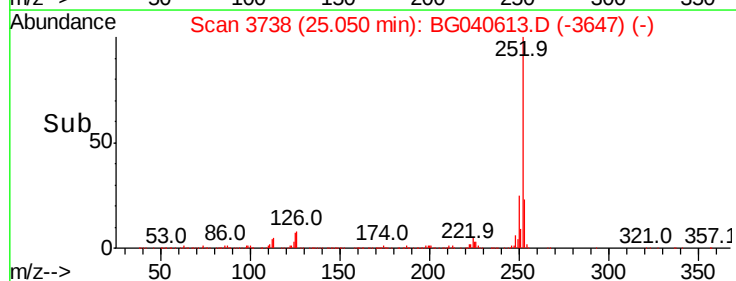
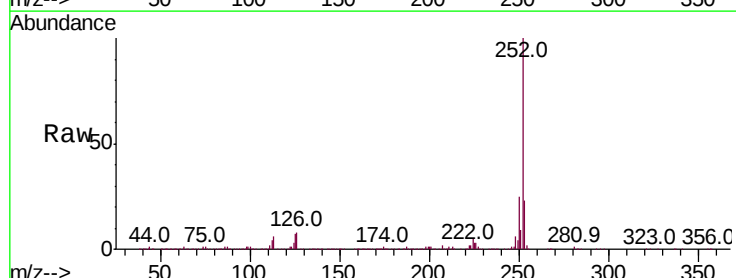
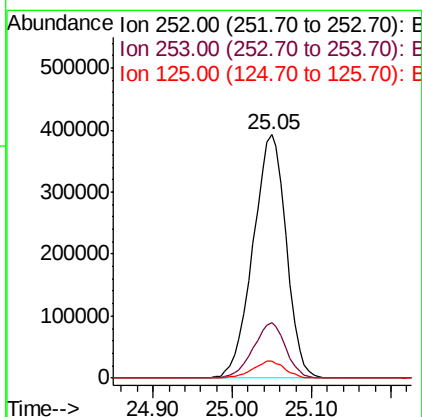
RT: 25.05 min Scan# 3738

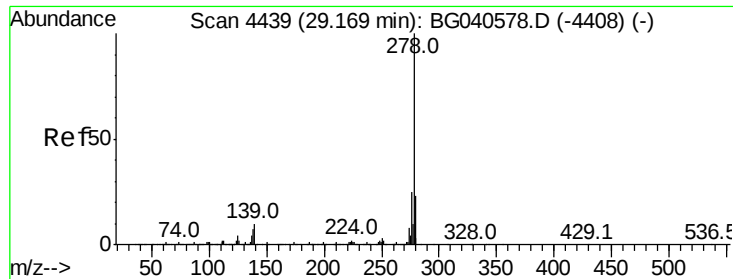
Delta R.T. 0.00 min

Lab File: BG040613.D

Acq: 25 Apr 2019 16:45

Tgt Ion:	252	Resp:	1143870
Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.6
125	7.0	5.7	8.5





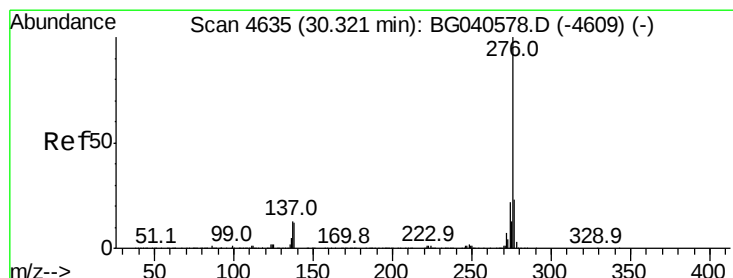
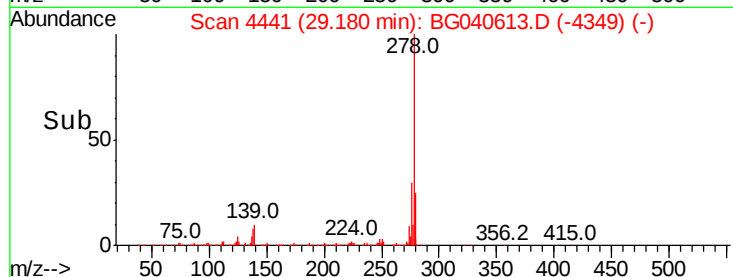
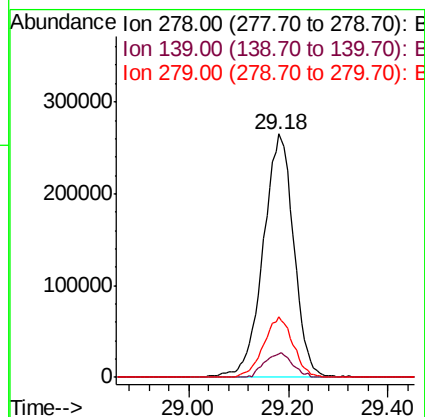
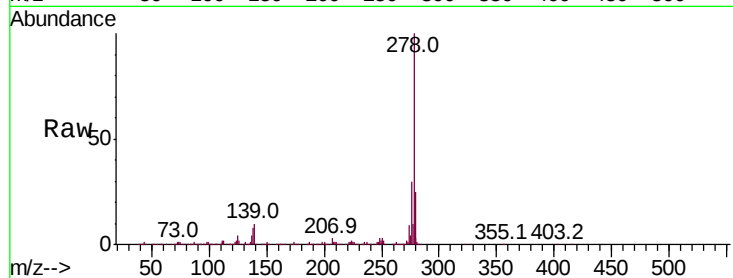
#91
Dibenzo(a,h)anthracene
Concen: 45.858 ng
RT: 29.18 min Scan# 4441
Delta R.T. 0.01 min
Lab File: BG040613.D
Acq: 25 Apr 2019 16:45

Instrument :
BNA_G
ClientSampleId :
S37-0016MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.7	8.2	12.4
279	24.9	18.5	27.7

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Sohil
4/30/2019 6:59:36 PM



#92
Benzo(g,h,i)perylene
Concen: 45.834 ng
RT: 30.34 min Scan# 4638
Delta R.T. 0.02 min
Lab File: BG040613.D
Acq: 25 Apr 2019 16:45

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.6	18.4	27.6
138	13.0	9.8	14.6

