

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032818\
 Data File : BG033419.D
 Acq On : 29 Mar 2018 13:35
 Operator : SJ/JU
 Sample : J1754-14MS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-032718-BMS

Manual Integrations
 APPROVED

Sohil
 3/29/2018 5:39:25 PM

Quant Time: Mar 29 16:03:45 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 18:34:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	44053	20.00	ng	-0.01
21) Naphthalene-d8	11.75	136	182071	20.00	ng	0.00
38) Acenaphthene-d10	15.49	164	131780	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	326735	20.00	ng	0.00
75) Chrysene-d12	22.56	240	334359	20.00	ng	0.00
86) Perylene-d12	26.33	264	365734	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.30	112	354136	150.74	ng	0.00
7) Phenol-d6	7.99	99	495825	122.83	ng	0.01
23) Nitrobenzene-d5	10.07	82	375831	94.84	ng	0.00
41) 2,4,6-Tribromophenol	16.96	330	279541	141.83	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	886245	97.09	ng	0.00
78) Terphenyl-d14	20.74	244	1509970	96.58	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.95	88	41490	34.775	ng	# 87
3) Pyridine	4.41	79	91023	27.599	ng	93
4) n-Nitrosodimethylamine	4.31	42	66686	49.270	ng	# 83
6) Aniline	8.17	93	28368	5.976	ng	94
8) 2-Chlorophenol	8.42	128	136180	50.704	ng	97
9) Benzaldehyde	7.97	77	62361m	24.309	ng	
10) Phenol	8.02	94	164535	41.284	ng	95
11) bis(2-Chloroethyl)ether	8.25	93	132948	40.869	ng	99
12) 1,3-Dichlorobenzene	8.75	146	143273	40.802	ng	99
13) 1,4-Dichlorobenzene	8.90	146	139645	39.710	ng	93
14) 1,2-Dichlorobenzene	9.23	146	138748	40.425	ng	93
15) Benzyl Alcohol	9.11	79	145763	45.864	ng	91
16) 2,2'-oxybis(1-Chloropropan	9.38	45	220987	41.671	ng	89
17) 2-Methylphenol	9.31	107	116061	42.748	ng	# 91
18) Hexachloroethane	9.98	117	57645	42.472	ng	96
19) n-Nitroso-di-n-propylamine	9.68	70	125998	42.597	ng	96
20) 3+4-Methylphenols	9.64	107	173056	44.768	ng	93
22) Acetophenone	9.71	105	225628	45.233	ng	# 98
24) Nitrobenzene	10.11	77	192252	45.324	ng	93
25) Isophorone	10.63	82	360002	46.806	ng	97
26) 2-Nitrophenol	10.83	139	76889	47.879	ng	# 90
27) 2,4-Dimethylphenol	10.88	122	135171	57.941	ng	90
28) bis(2-Chloroethoxy)methane	11.11	93	185649	48.377	ng	95
29) 2,4-Dichlorophenol	11.39	162	152834	53.271	ng	98
30) 1,2,4-Trichlorobenzene	11.60	180	159416	42.767	ng	97
31) Naphthalene	11.80	128	423329	44.868	ng	98
32) Benzoic acid	10.99	122	26244m	12.101	ng	
33) 4-Chloroaniline	11.91	127	14520	3.435	ng	92
34) Hexachlorobutadiene	12.06	225	122506	43.460	ng	97
35) Caprolactam	12.65	113	39228	34.901	ng	93
36) 4-Chloro-3-methylphenol	12.97	107	185522	49.579	ng	95
37) 2-Methylnaphthalene	13.35	142	324475	44.308	ng	91
39) 1,2,4,5-Tetrachlorobenzene	13.71	216	216859	45.430	ng	98
40) Hexachlorocyclopentadiene	13.68	237	220377	78.754	ng	88

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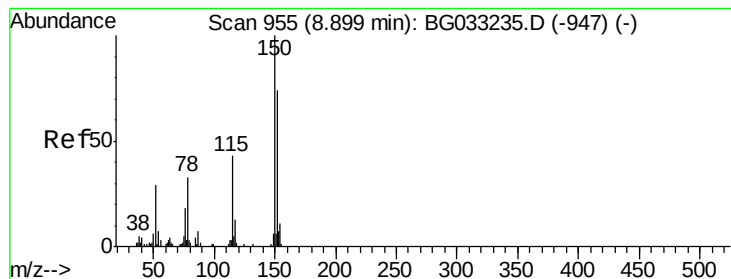
Manual Integrations
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 3/29/2018 5:39:25 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.94	196	140335	50.601	nq	92
43) 2,4,5-Trichlorophenol	14.01	196	157814	48.142	nq	99
45) 1,1'-Biphenyl	14.32	154	464561	45.886	nq	97
46) 2-Chloronaphthalene	14.38	162	355012	45.477	nq	98
47) 2-Nitroaniline	14.57	65	139212	47.611	nq	92
48) Acenaphthylene	15.22	152	575576	44.172	nq	97
49) Dimethylphthalate	14.91	163	511348	44.587	nq	99
50) 2,6-Dinitrotoluene	15.04	165	108898	46.439	nq	93
51) Acenaphthene	15.55	154	362041	43.101	nq	92
52) 3-Nitroaniline	15.38	138	23767	9.667	nq #	87
53) 2,4-Dinitrophenol	15.59	184	24683	26.027	nq #	75
54) Dibenzofuran	15.88	168	575688	46.398	nq	93
55) 4-Nitrophenol	15.68	139	126692	73.286	nq #	88
56) 2,4-Dinitrotoluene	15.82	165	159466	46.185	nq	93
57) Fluorene	16.52	166	480250	45.433	nq	99
58) 2,3,4,6-Tetrachlorophenol	16.09	232	148710	48.187	nq	95
59) Diethylphthalate	16.25	149	507983	45.616	nq	98
60) 4-Chlorophenyl-phenylether	16.49	204	277484	45.666	nq	99
61) 4-Nitroaniline	16.54	138	89219	35.837	nq #	84
62) Azobenzene	16.79	77	492689	45.672	nq	98
64) 4,6-Dinitro-2-methylphenol	16.58	198	43146	22.074	nq	89
65) n-Nitrosodiphenylamine	16.71	169	441050	47.283	nq	98
66) 4-Bromophenyl-phenylether	17.39	248	187211	48.788	nq	95
67) Hexachlorobenzene	17.52	284	188655	46.585	nq	95
68) Atrazine	17.63	200	170306	45.057	nq	96
69) Pentachlorophenol	17.86	266	164343	59.127	nq	98
70) Phenanthrene	18.26	178	777612	45.698	nq	98
71) Anthracene	18.35	178	808317	46.915	nq	99
72) Carbazole	18.61	167	682274	44.687	nq	98
73) Di-n-butylphthalate	19.10	149	807082	45.416	nq #	98
74) Fluoranthene	20.21	202	958358	45.511	nq	97
76) Benzidine	20.38	184	27954	3.083	nq	97
77) Pyrene	20.57	202	974822	43.714	nq	98
79) Butylbenzylphthalate	21.42	149	373926	45.439	nq	95
80) Benzo(a)anthracene	22.54	228	996908	46.824	nq	99
81) 3,3'-Dichlorobenzidine	22.43	252	80909	10.679	nq #	99
82) Chrysene	22.62	228	953458	46.263	nq	98
83) Bis(2-ethylhexyl)phthalate	22.36	149	506170	44.621	nq	99
84) Di-n-octyl phthalate	23.76	149	895354	51.549	nq	98
85) Indeno(1,2,3-cd)pyrene	30.71	276	1067650	47.914	nq #	86
87) Benzo(b)fluoranthene	25.12	252	963179	45.583	nq #	96
88) Benzo(k)fluoranthene	25.19	252	1020150	47.736	nq #	96
89) Benzo(a)pyrene	26.15	252	969123	47.759	nq #	97
90) Dibenzo(a,h)anthracene	30.78	278	865624	45.287	nq #	97
91) Benzo(g,h,i)perylene	32.07	276	812888	42.947	nq #	95

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



#1

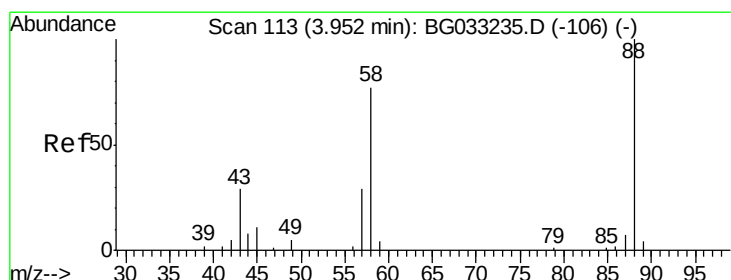
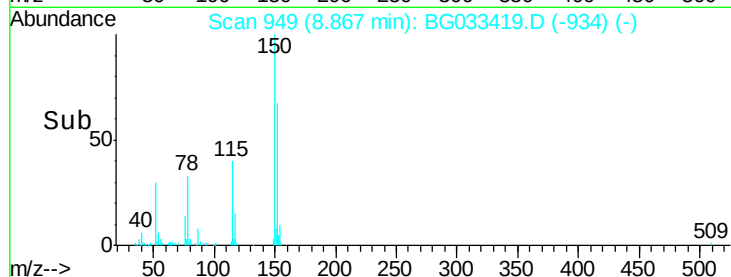
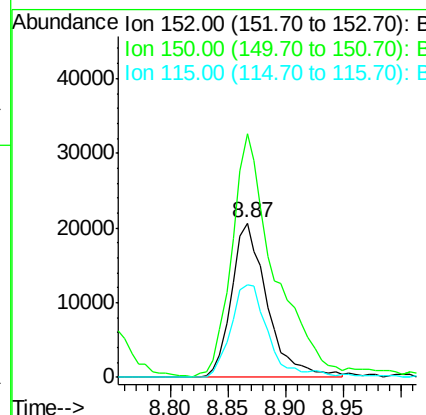
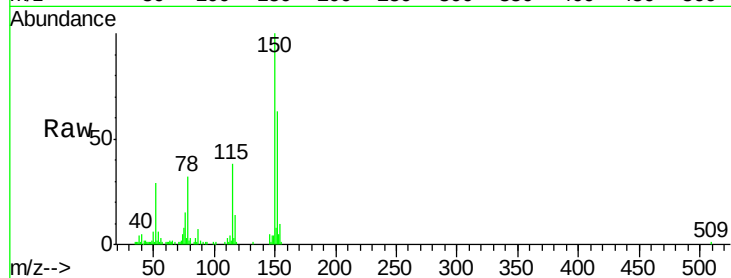
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 949
Delta R.T. -0.01 min
Lab File: BG033419.D
Acq: 29 Mar 2018 13:35

Instrument :
BNA_G
ClientSampleId :
CL-02-032718-BMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	126.6	189.8
115	59.6	53.0	79.4

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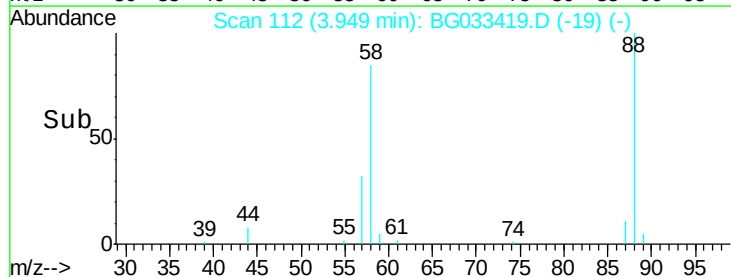
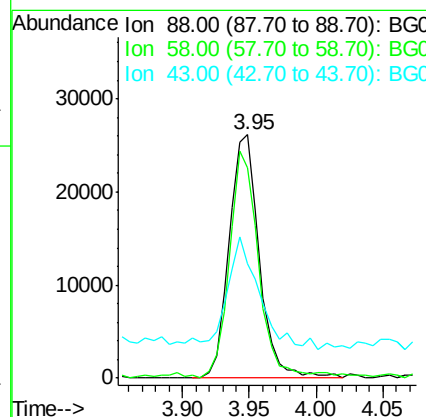
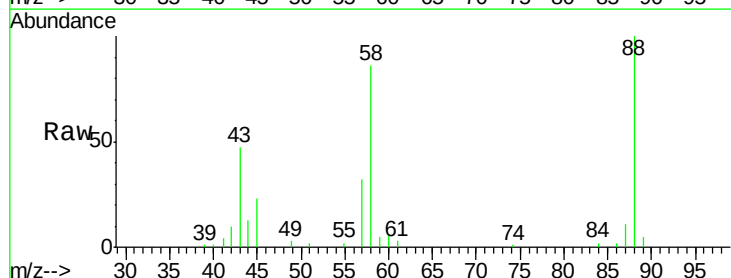
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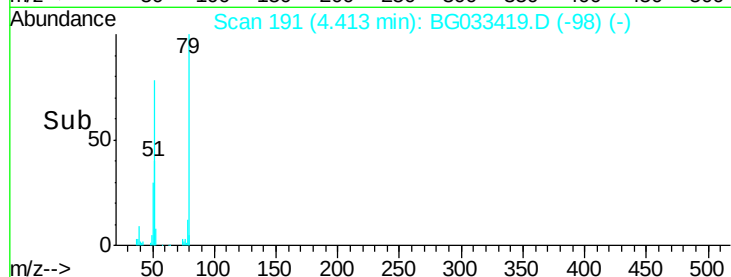
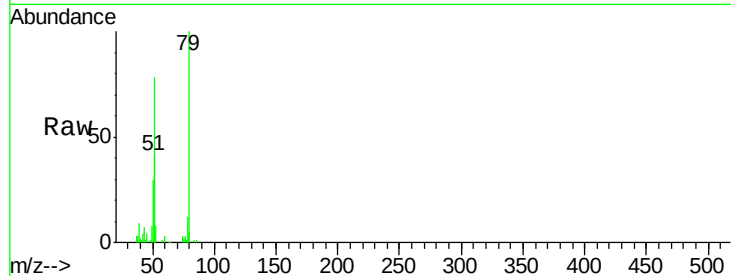
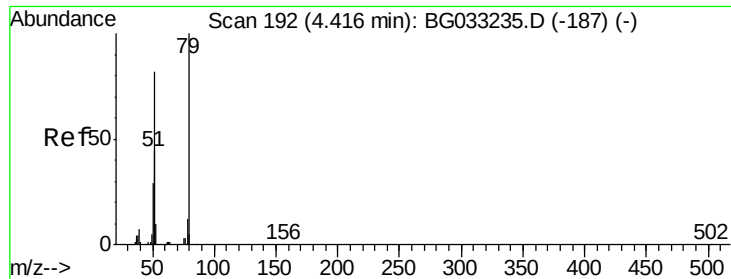


#2

1,4-Dioxane
Concen: 34.775 ng
RT: 3.95 min Scan# 112
Delta R.T. 0.02 min
Lab File: BG033419.D
Acq: 29 Mar 2018 13:35

Tgt Ion	Ratio	Lower	Upper
88	100		
58	89.4	79.6	119.4
43	45.3	27.4	41.0





#3

Pvridine

Concen: 27.599 ng

RT: 4.41 min Scan# 191

Delta R.T. 0.02 min

Lab File: BG033419.D

Acq: 29 Mar 2018 13:35

Tot Ion:	79	Resp:	91023
Ion	Ratio	Lower	Upper
79	100		
52	78.4	69.9	104.9
51	41.2	34.0	51.0

Instrument :

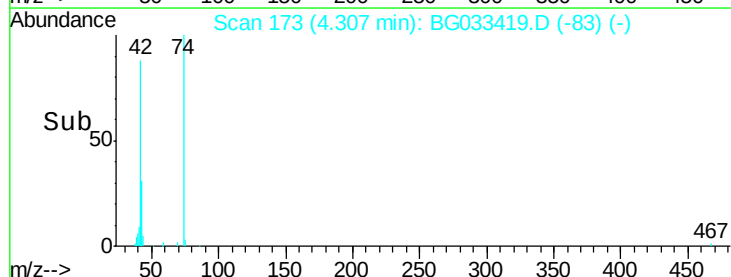
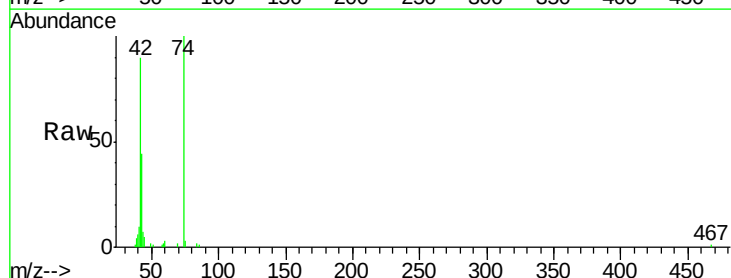
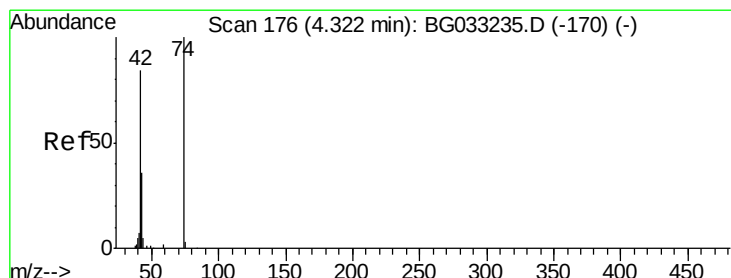
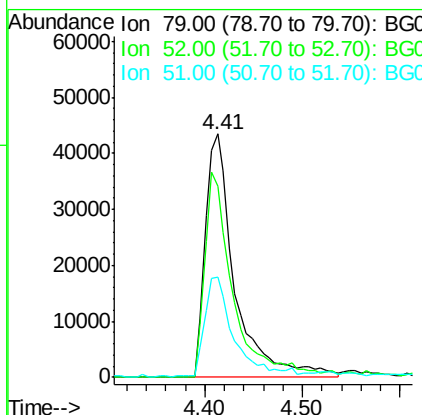
BNA_G

ClientSampleId :

CL-02-032718-BMS

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#4

n-Nitrosodimethylamine

Concen: 49.270 ng

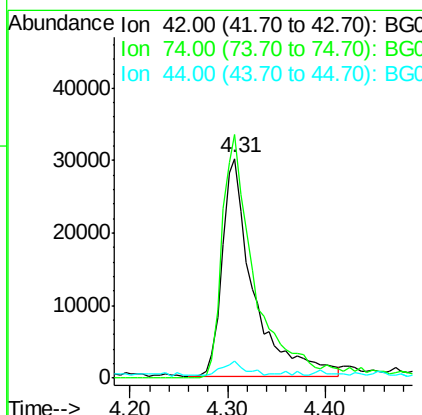
RT: 4.31 min Scan# 173

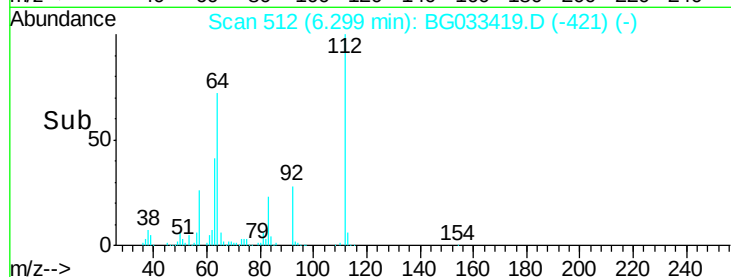
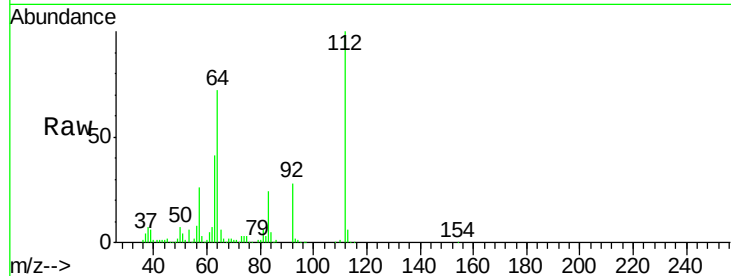
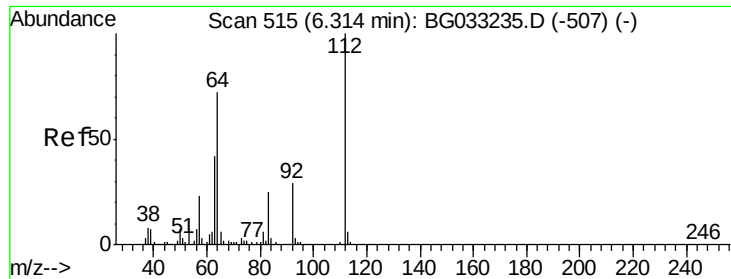
Delta R.T. 0.00 min

Lab File: BG033419.D

Acq: 29 Mar 2018 13:35

Tgt Ion:	42	Resp:	66686
Ion	Ratio	Lower	Upper
42	100		
74	111.0	102.5	153.7
44	7.8	18.9	28.3#





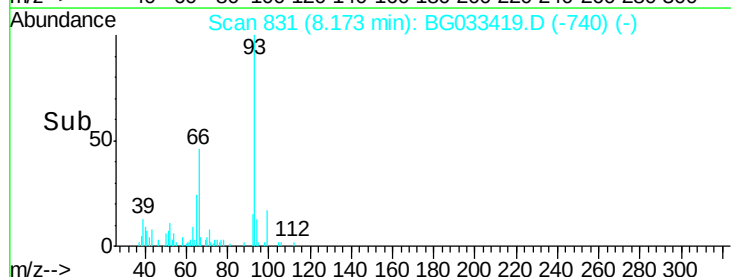
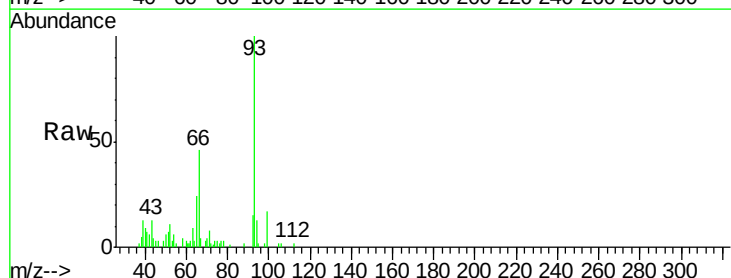
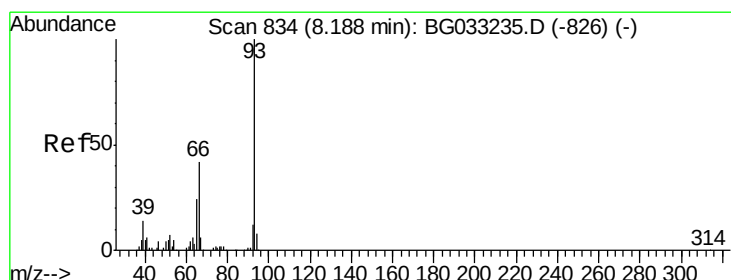
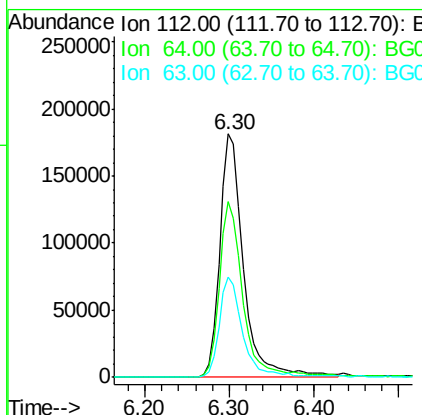
#5
2-Fluorophenol
Concen: 150.738 ng
RT: 6.30 min Scan# 512
Delta R.T. 0.01 min
Lab File: BG033419.D
Acq: 29 Mar 2018 13:35

Tot Ion	Ratio	Resp	Lower	Upper
112	100	354136		
64	72.2	56.3	84.5	
63	41.3	30.1	45.1	

Instrument :
BNA_G
ClientSampleId :
CL-02-032718-BMS

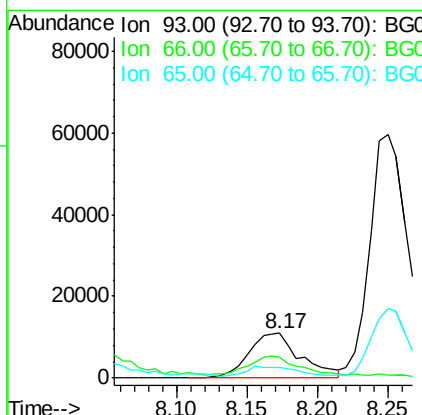
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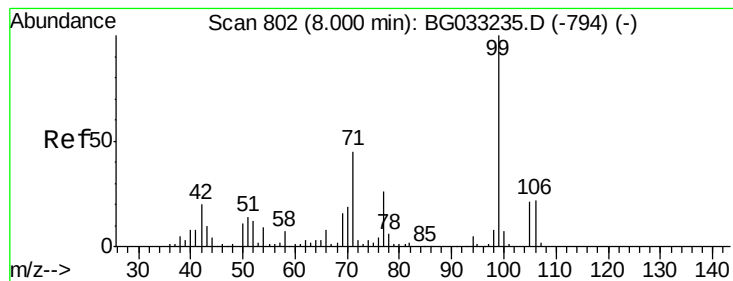
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#6
Aniline
Concen: 5.976 ng
RT: 8.17 min Scan# 831
Delta R.T. 0.01 min
Lab File: BG033419.D
Acq: 29 Mar 2018 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	28368		
66	45.5	33.7	50.5	
65	23.7	16.1	24.1	





#7

Phenol-d6

Concen: 122.831 ng

RT: 7.99 min Scan# 800

Delta R.T. 0.01 min

Lab File: BG033419.D

Acq: 29 Mar 2018 13:35

Instrument :

BNA_G

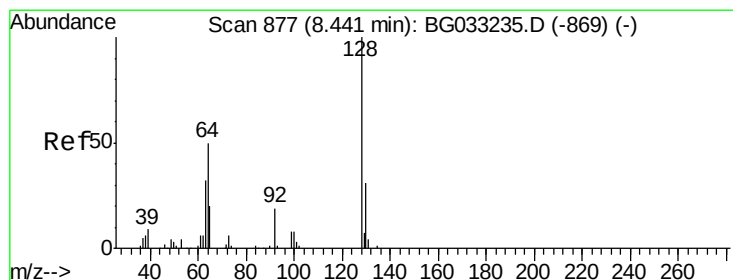
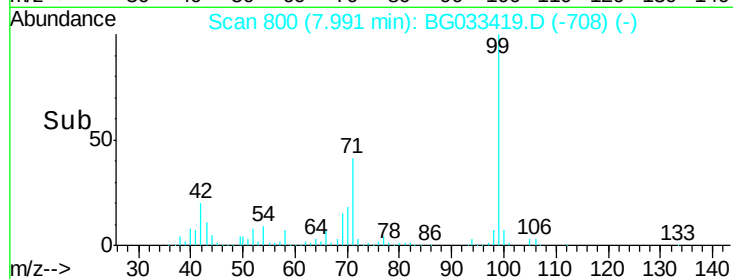
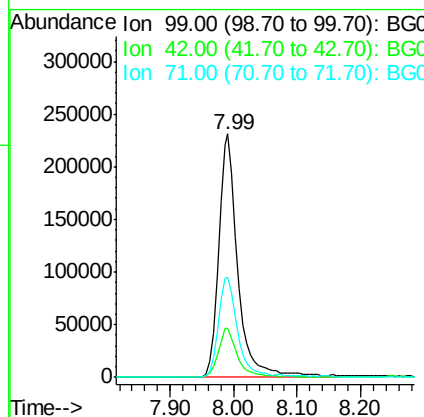
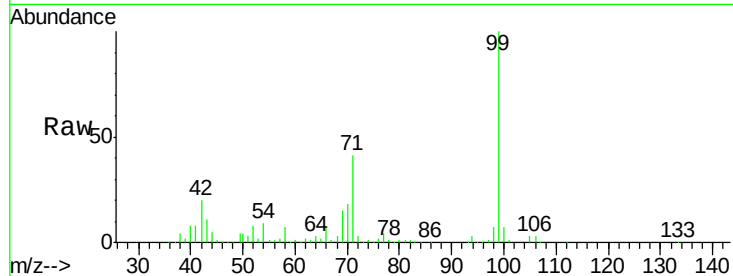
ClientSampleId :

CL-02-032718-BMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		495825		
42	20.3	14.1	21.1		
71	41.4	26.1	39.1#		

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#8

2-Chlorophenol

Concen: 50.704 ng

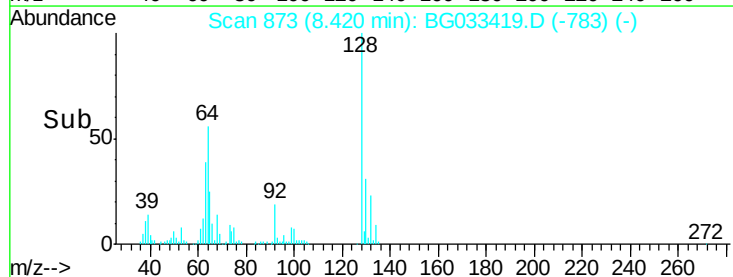
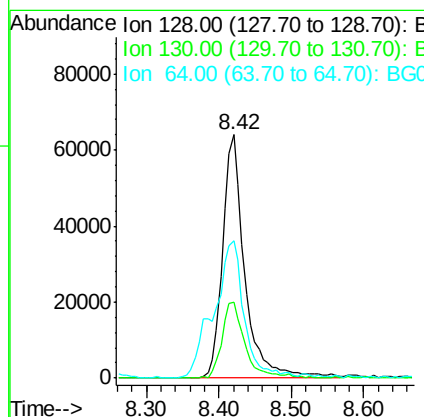
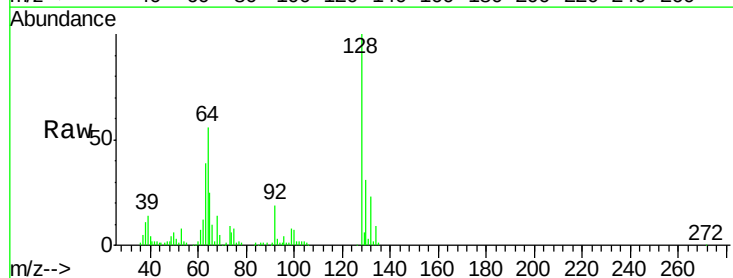
RT: 8.42 min Scan# 873

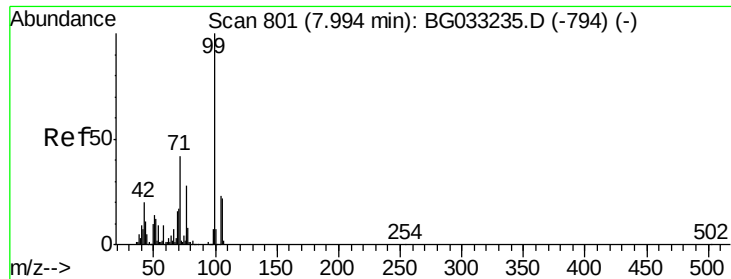
Delta R.T. 0.00 min

Lab File: BG033419.D

Acq: 29 Mar 2018 13:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		136180		
130	31.2	14.0	54.0		
64	56.3	37.7	77.7		





#9

Benzaldehyde

Concen: 24.309 ng/mL

RT: 7.97 min Scan# 796

Delta R.T. -0.01 min

Lab File: BG033419.D

Acq: 29 Mar 2018 13:35

Instrument :

BNA_G

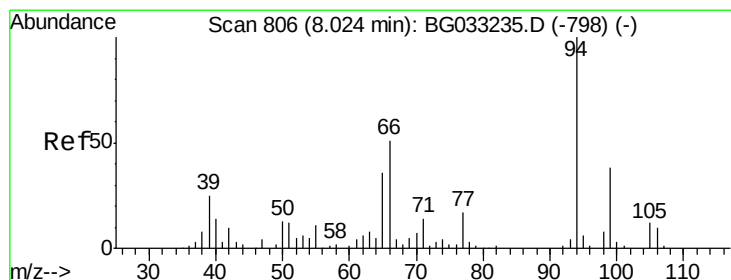
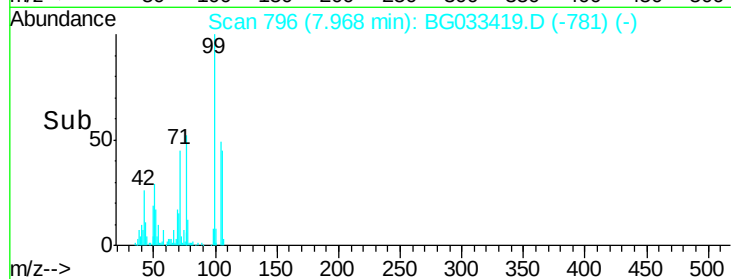
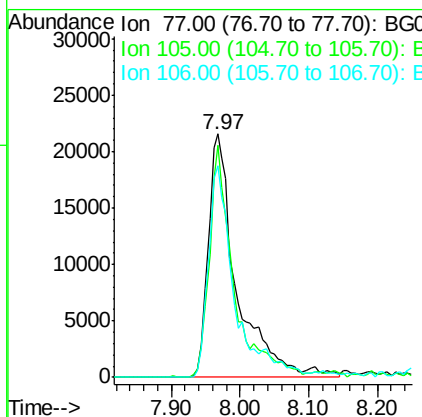
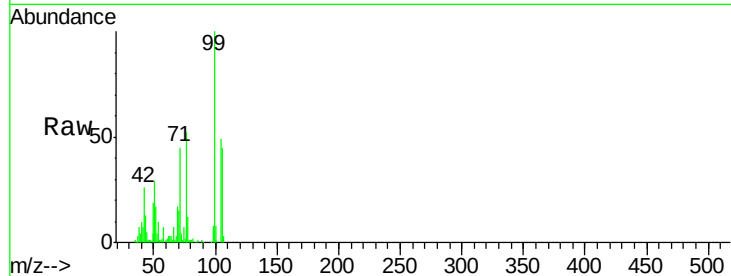
ClientSampleId :

CL-02-032718-BMS

Tot Ion:	77	Resp:	62361
Ion	Ratio	Lower	Upper
77	100		
105	95.4	71.3	111.3
106	87.0	64.2	104.2

Manual Integrations
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#10

Phenol

Concen: 41.284 ng/mL

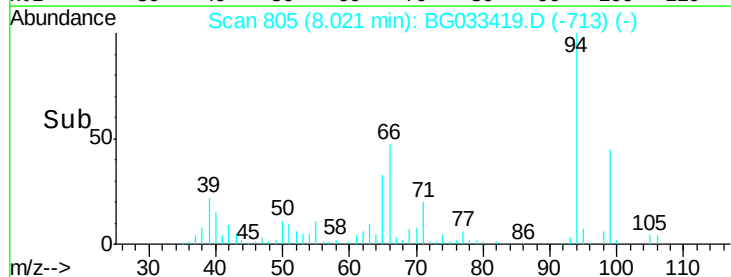
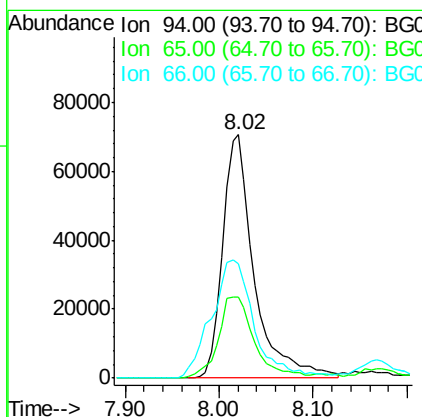
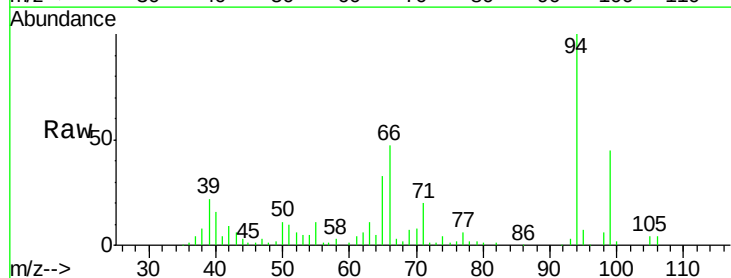
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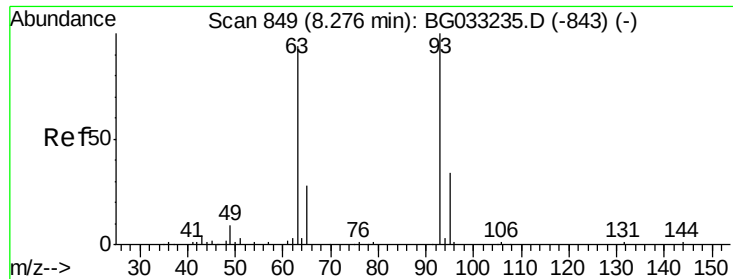
Delta R.T. 0.01 min

Lab File: BG033419.D

Acq: 29 Mar 2018 13:35

Tgt Ion:	94	Resp:	164535
Ion	Ratio	Lower	Upper
94	100		
65	33.2	11.9	51.9
66	47.0	22.2	62.2





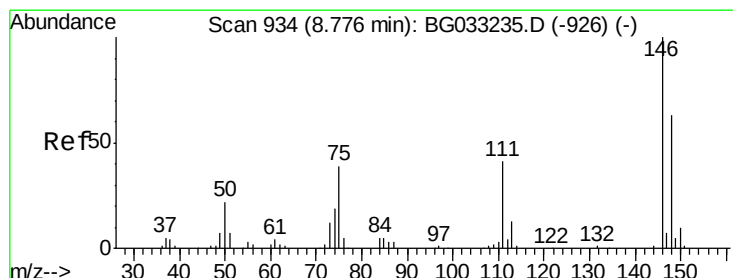
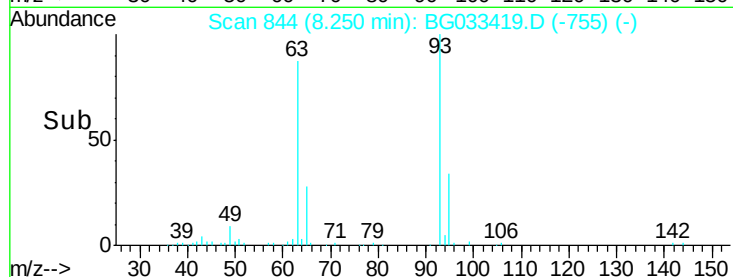
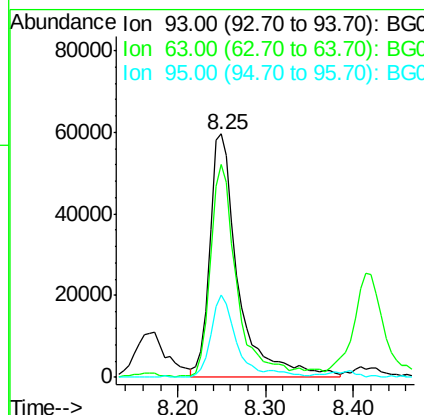
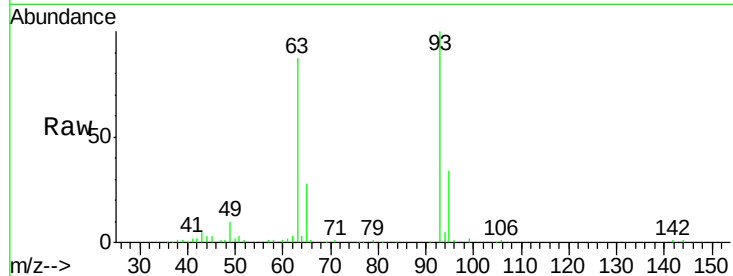
#11
bis(2-Chloroethyl)ether
Concen: 40.869 ng
RT: 8.25 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG033419.D
Acq: 29 Mar 2018 13:35

Instrument :
BNA_G
ClientSampleId :
CL-02-032718-BMS

Tot Ion:	93	Resp:	132948
Ion	Ratio	Lower	Upper
93	100		
63	87.4	67.1	107.1
95	33.9	11.5	51.5

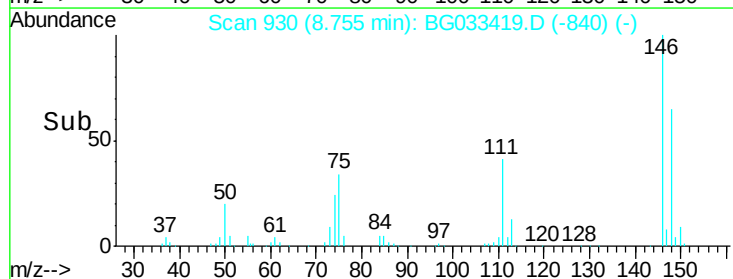
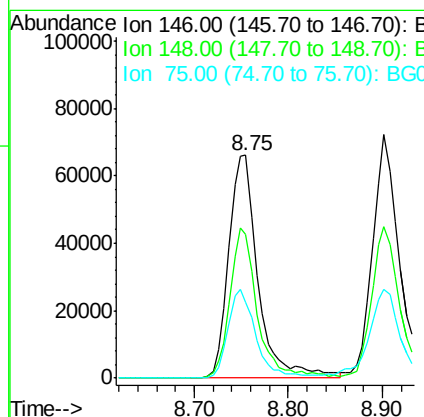
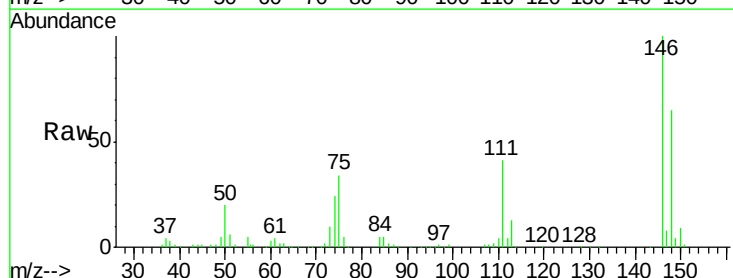
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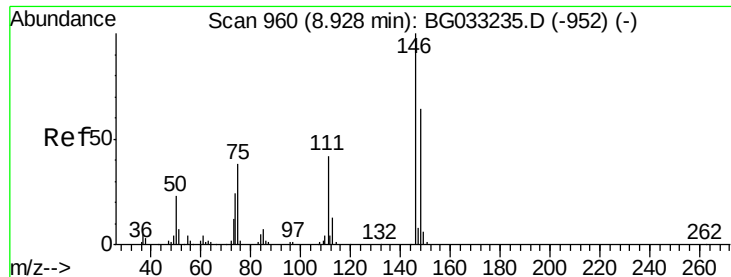
Sohil
3/29/2018 5:39:25 PM



#12
1,3-Dichlorobenzene
Concen: 40.802 ng
RT: 8.75 min Scan# 930
Delta R.T. 0.00 min
Lab File: BG033419.D
Acq: 29 Mar 2018 13:35

Tgt Ion:	146	Resp:	143273
Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.4	77.2
75	34.3	26.6	39.8





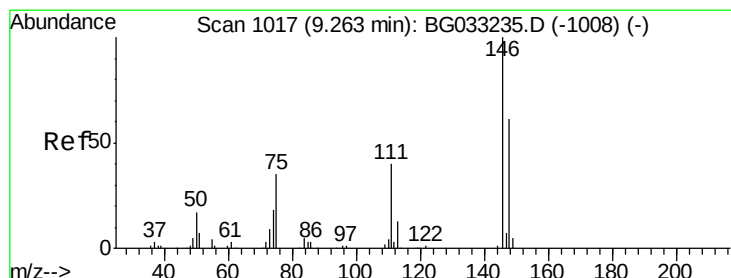
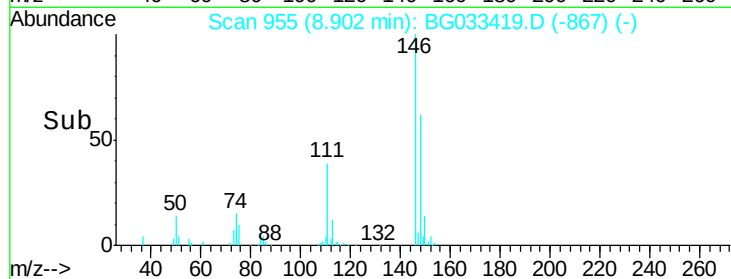
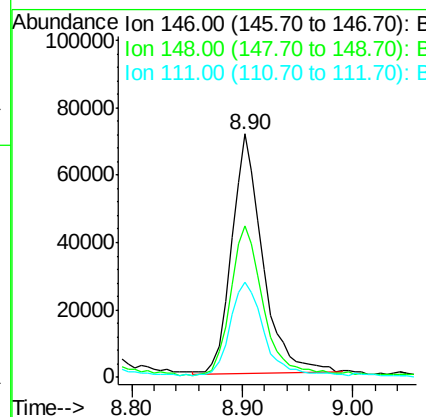
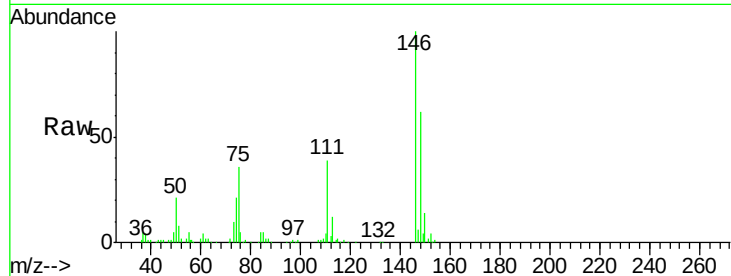
#13
 1,4-Dichlorobenzene
 Concen: 39.710 ng
 RT: 8.90 min Scan# 955
 Delta R.T. -0.01 min
 Lab File: BG033419.D
 Acq: 29 Mar 2018 13:35

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-032718-BMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.0	53.7	80.5
111	39.3	35.2	52.8

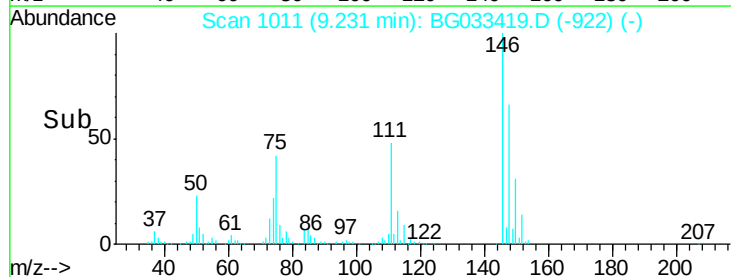
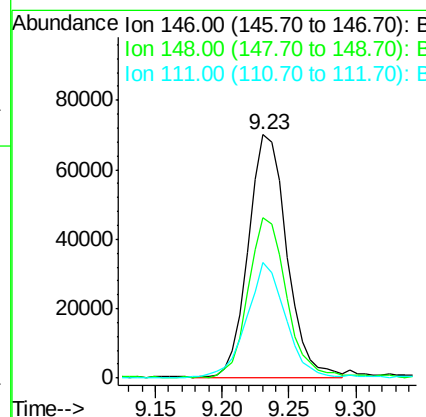
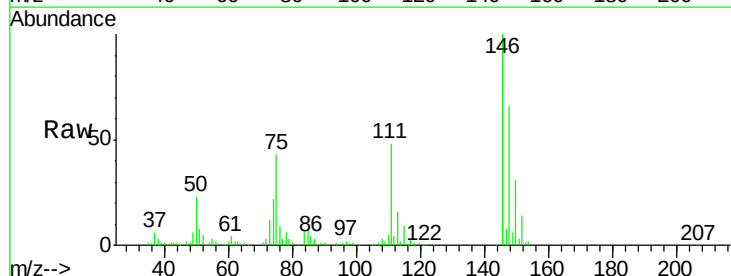
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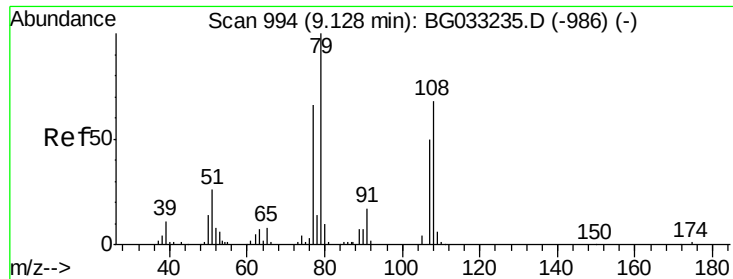
Sohil
 3/29/2018 5:39:25 PM



#14
 1,2-Dichlorobenzene
 Concen: 40.425 ng
 RT: 9.23 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BG033419.D
 Acq: 29 Mar 2018 13:35

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.1	49.3	73.9
111	47.7	34.3	51.5





#15

Benzyl Alcohol

Concen: 45.864 ng

RT: 9.11 min Scan# 990

Delta R.T. 0.00 min

Lab File: BG033419.D

Acq: 29 Mar 2018 13:35

Instrument :

BNA_G

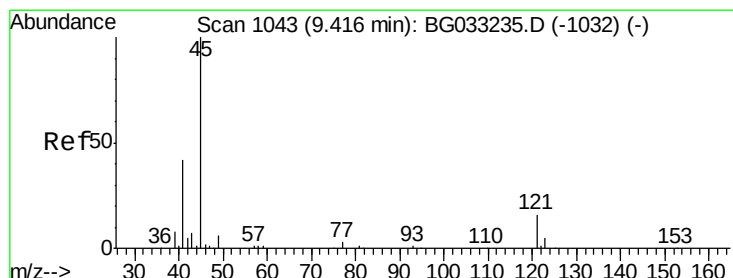
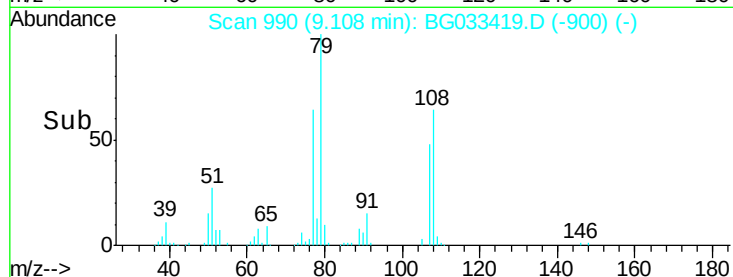
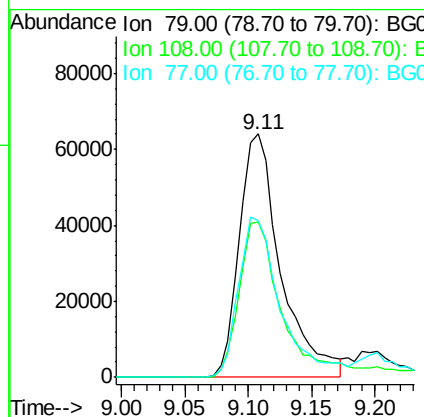
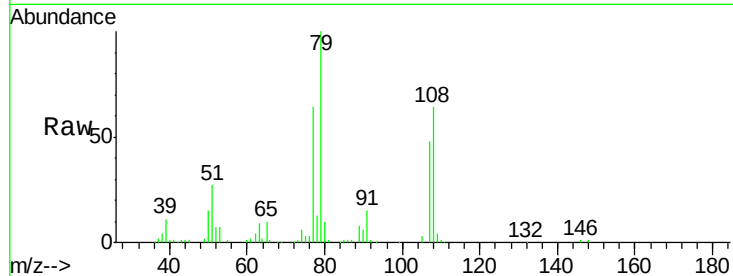
ClientSampleId :

CL-02-032718-BMS

Tot Ion:	79	Resp:	145763
Ion	Ratio	Lower	Upper
79	100		
108	63.9	57.2	85.8
77	64.3	46.1	69.1

Manual Integrations
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3/29/2018 5:39:25 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.671 ng

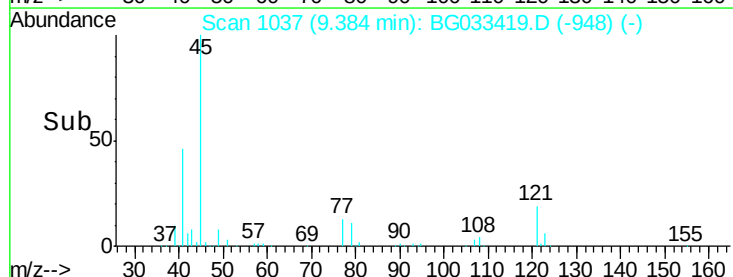
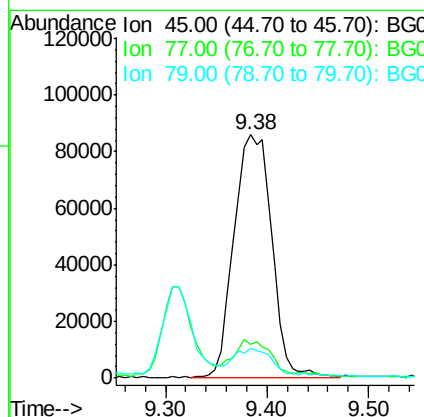
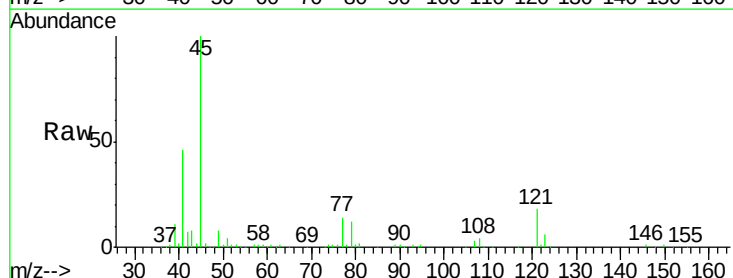
RT: 9.38 min Scan# 1037

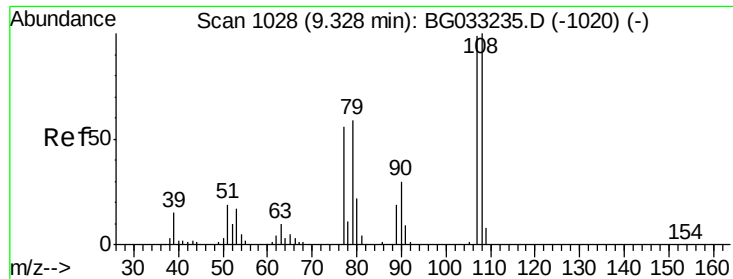
Delta R.T. -0.01 min

Lab File: BG033419.D

Acq: 29 Mar 2018 13:35

Tgt Ion:	45	Resp:	220987
Ion	Ratio	Lower	Upper
45	100		
77	13.7	0.0	30.2
79	12.1	0.0	27.9





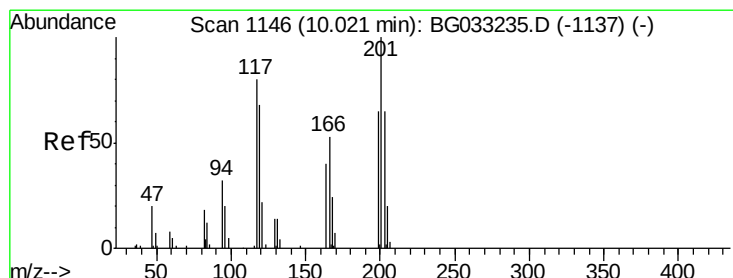
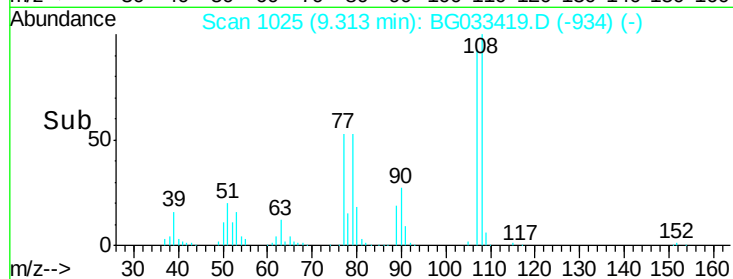
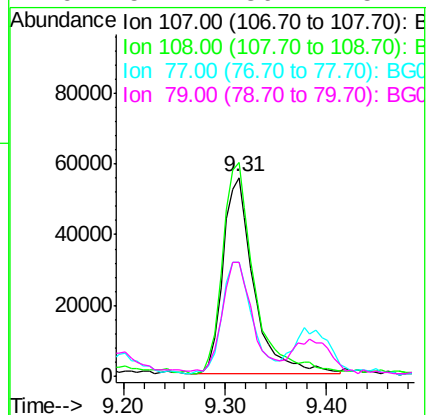
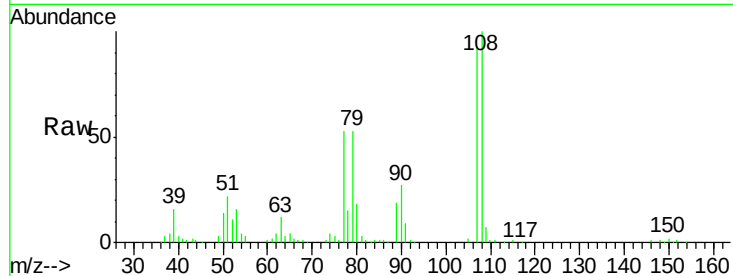
#17
2-Methylphenol
Concen: 42.748 ng
RT: 9.31 min Scan# 1025
Delta R.T. 0.01 min
Lab File: BG033419.D
Acq: 29 Mar 2018 13:35

Instrument :
BNA_G
ClientSampleId :
CL-02-032718-BMS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	107.5	83.9	125.9	
77	57.5	37.2	55.8	
79	57.1	36.2	54.2	

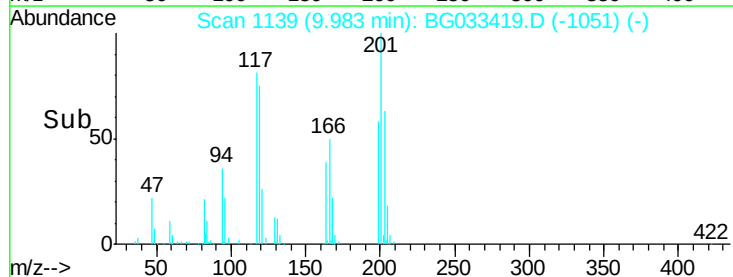
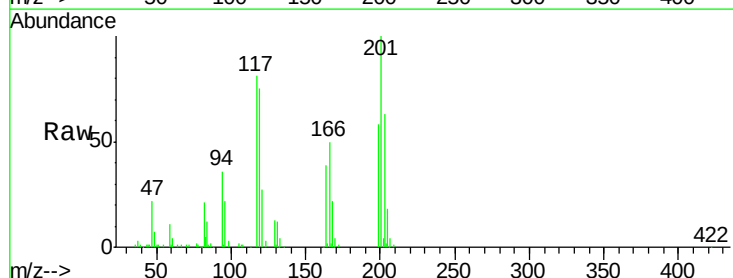
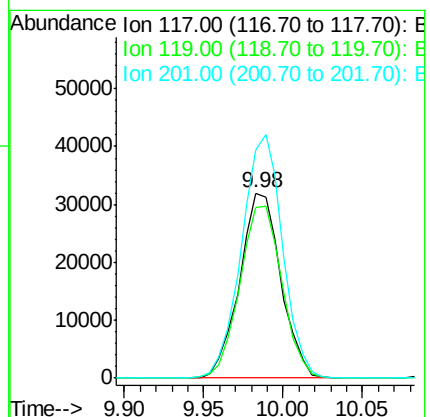
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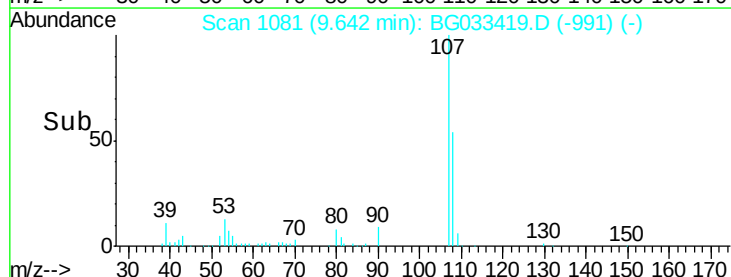
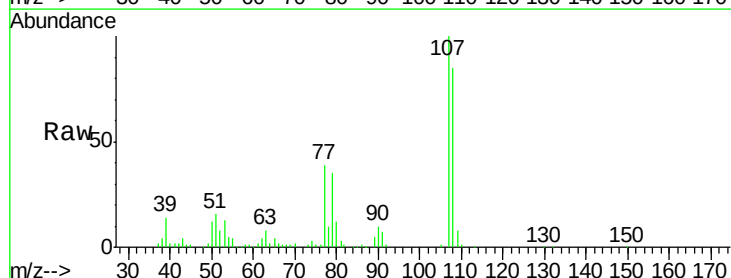
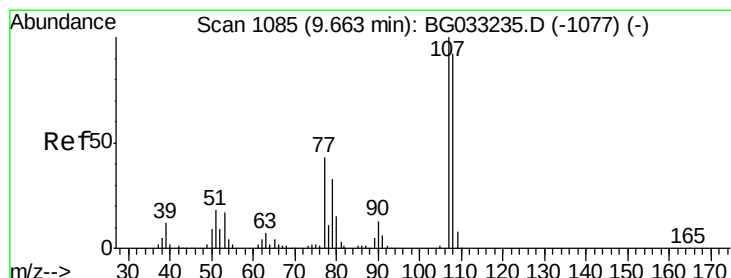
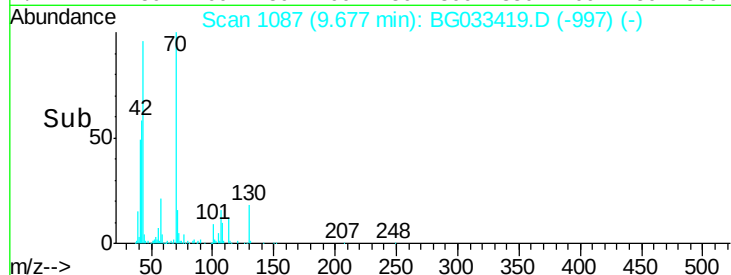
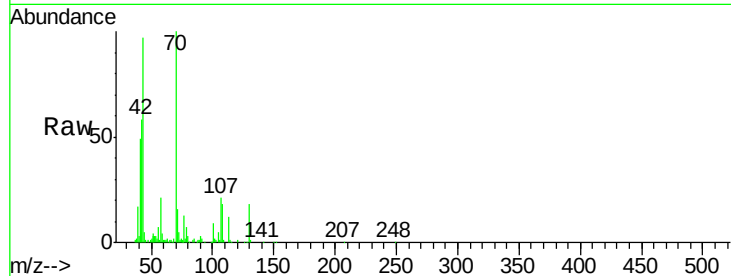
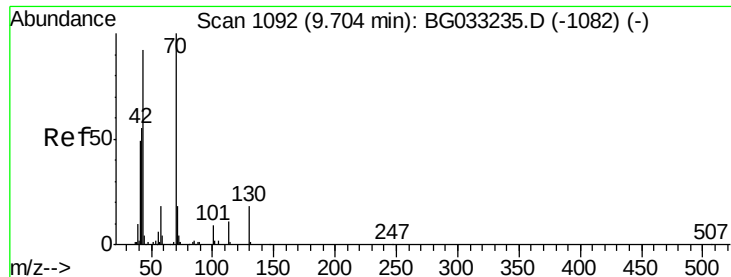
Sohil
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#18
Hexachloroethane
Concen: 42.472 ng
RT: 9.98 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BG033419.D
Acq: 29 Mar 2018 13:35

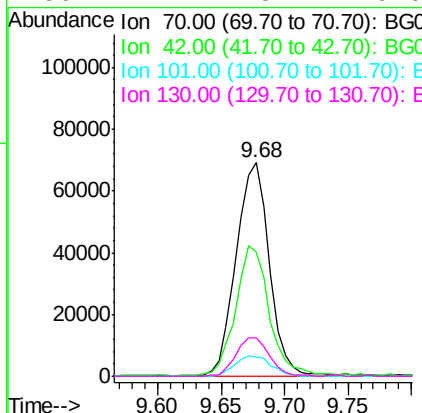
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	92.1	76.7	115.1	
201	123.6	95.7	143.5	





#19
n-Nitroso-di-n-propylamine
Concen: 42.597 ng
RT: 9.68 min Scan# 1087
Delta R.T. 0.00 min
Lab File: BG033419.D
Acq: 29 Mar 2018 13:35

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	58.2	49.1	73.7	
101	9.0	8.5	12.7	
130	17.7	13.4	20.0	



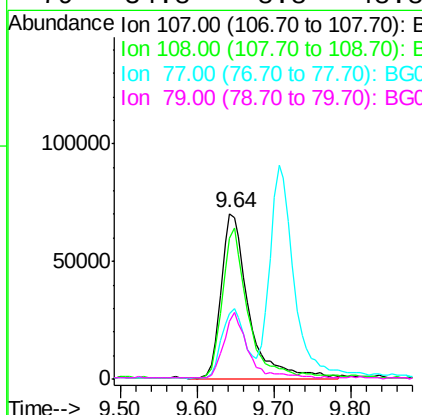
Instrument :
BNA_G
ClientSampleId :
CL-02-032718-BMS

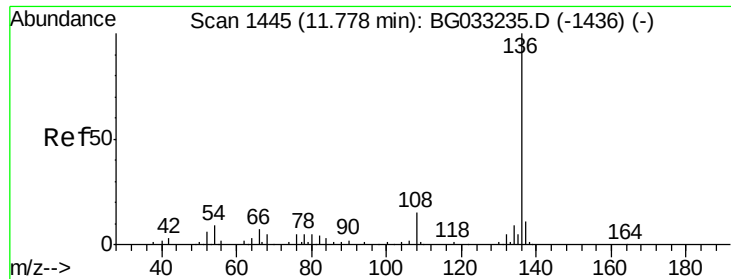
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3/29/2018 5:39:25 PM

#20
3+4-Methylphenols
Concen: 44.768 ng
RT: 9.64 min Scan# 1081
Delta R.T. 0.00 min
Lab File: BG033419.D
Acq: 29 Mar 2018 13:35

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	85.3	61.6	101.6	
77	39.1	13.9	53.9	
79	34.8	8.8	48.8	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.75 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BG033419.D

Acq: 29 Mar 2018 13:35

Instrument :

BNA_G

ClientSampleId :

CL-02-032718-BMS

Tot Ion:136 Resp: 182071

Ion Ratio Lower Upper

136 100

137 9.1 9.2 13.8#

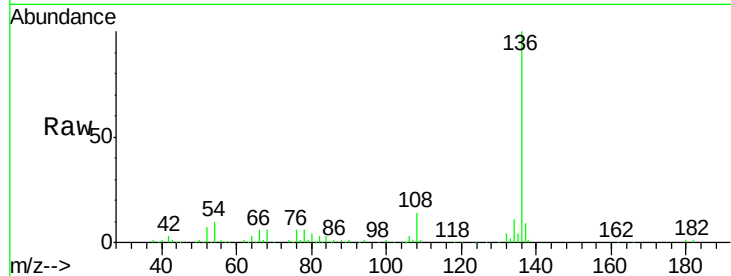
54 9.7 10.3 15.5#

68 5.7 4.5 6.7

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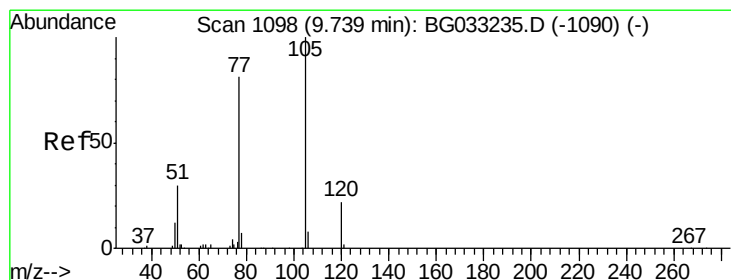
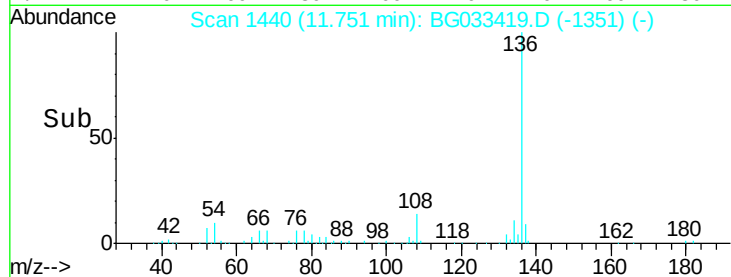
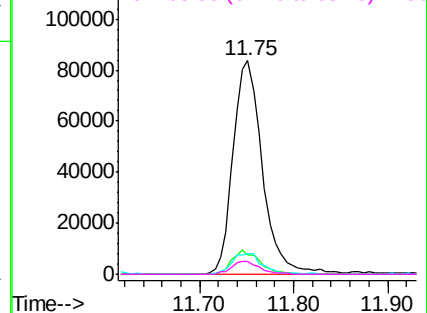
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 45.233 ng

RT: 9.71 min Scan# 1092

Delta R.T. -0.01 min

Lab File: BG033419.D

Acq: 29 Mar 2018 13:35

Tgt Ion:105 Resp: 225628

Ion Ratio Lower Upper

105 100

71 0.6 3.0 4.4#

51 32.6 26.1 39.1

120 19.5 17.4 26.2

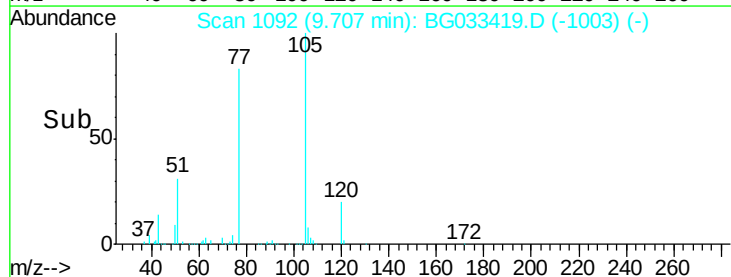
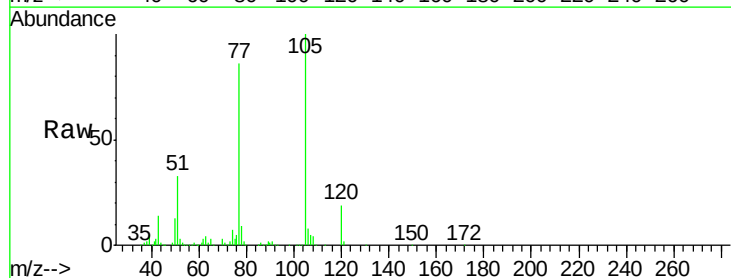
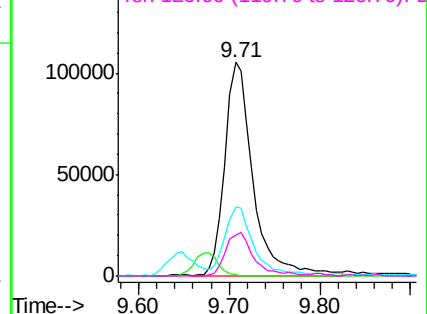
Abundance

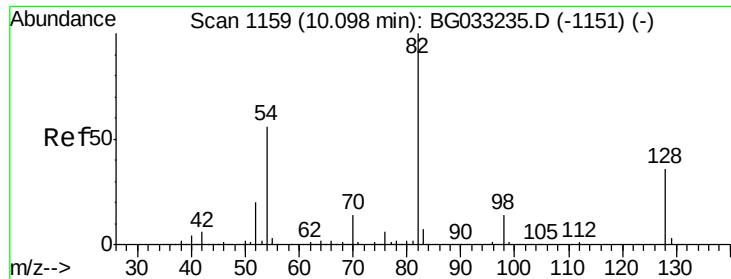
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





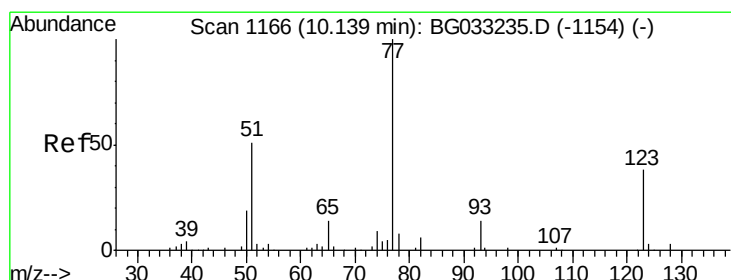
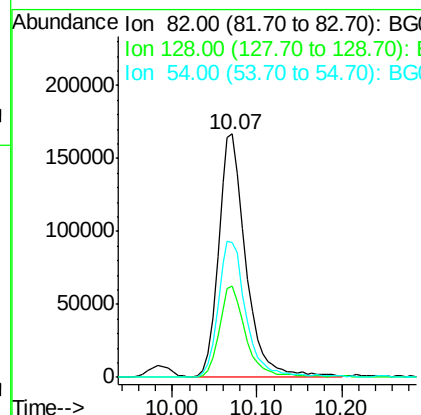
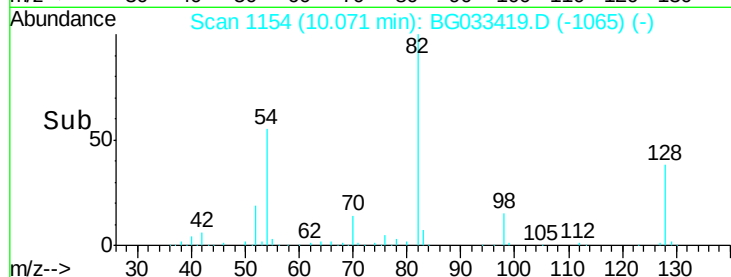
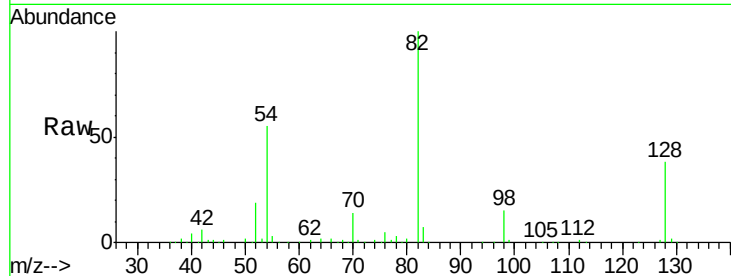
#23
 Nitrobenzene-d5
 Concen: 94.838 ng
 RT: 10.07 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BG033419.D
 Acq: 29 Mar 2018 13:35

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-032718-BMS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	37.6	29.7	44.5	
54	55.2	43.1	64.7	

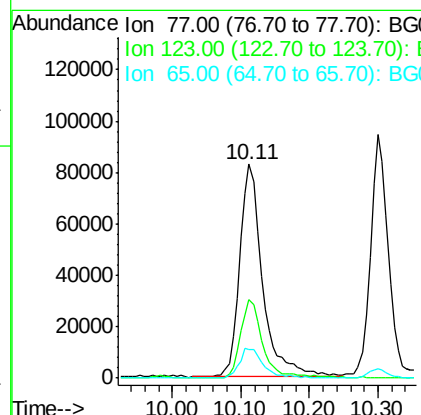
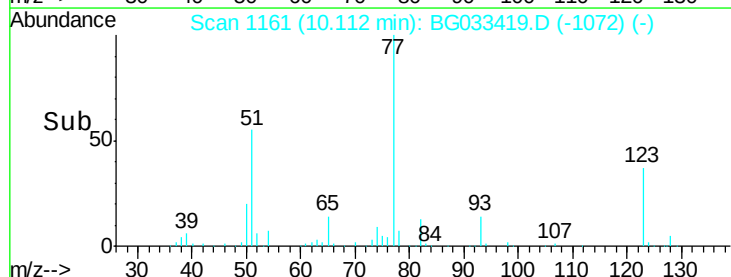
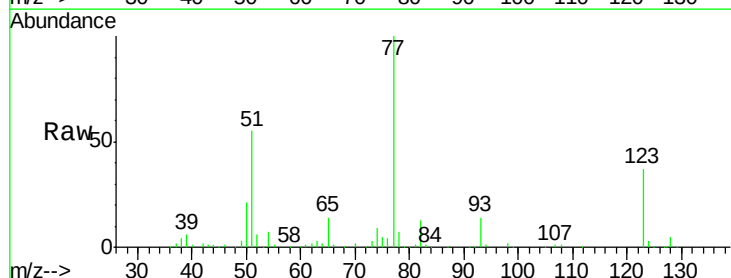
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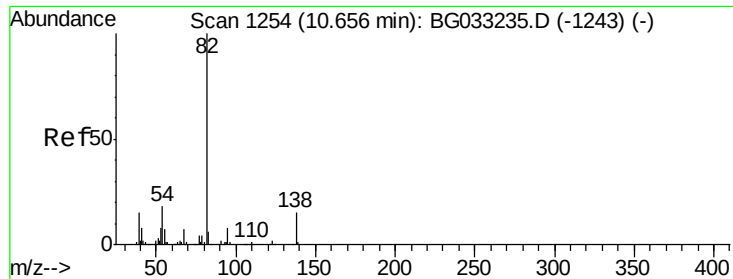
Sohil
 3/29/2018 5:39:25 PM



#24
 Nitrobenzene
 Concen: 45.324 ng
 RT: 10.11 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: BG033419.D
 Acq: 29 Mar 2018 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	36.6	33.0	49.6	
65	13.6	13.0	19.6	





#25

Isophorone

Concen: 46.806 ng

RT: 10.63 min Scan# 1249

Delta R.T. -0.01 min

Lab File: BG033419.D

Acq: 29 Mar 2018 13:35

Instrument :

BNA_G

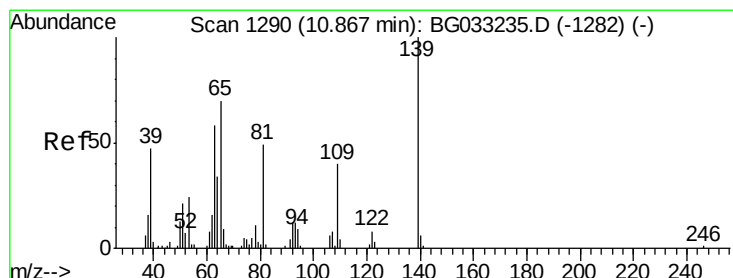
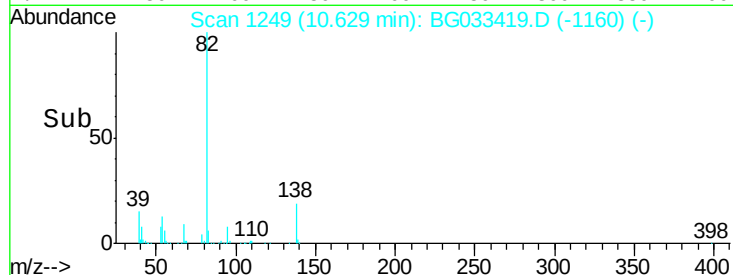
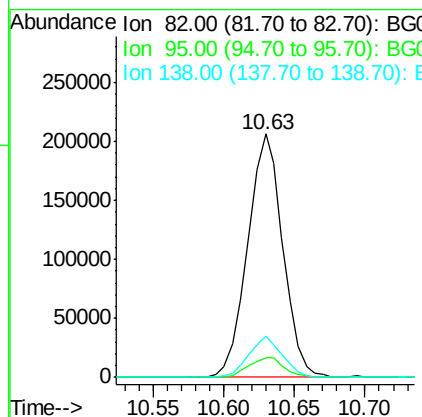
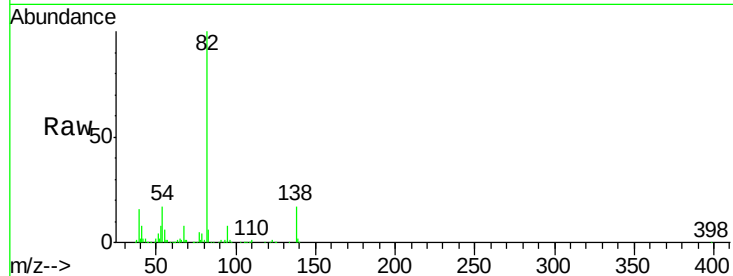
ClientSampleId :

CL-02-032718-BMS

Tot Ion:	82	Resp:	360002
Ion Ratio	Lower	Upper	
82	100		
95	7.8	6.2	9.2
138	17.2	12.1	18.1

Manual Integrations
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#26

2-Nitrophenol

Concen: 47.879 ng

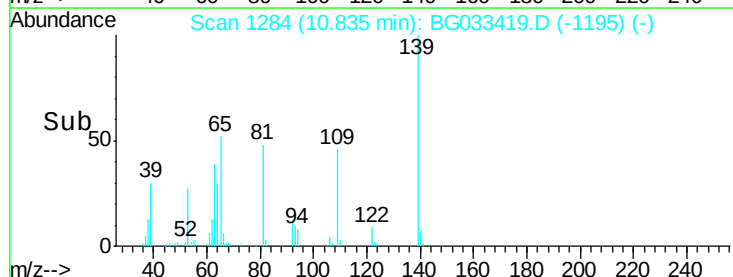
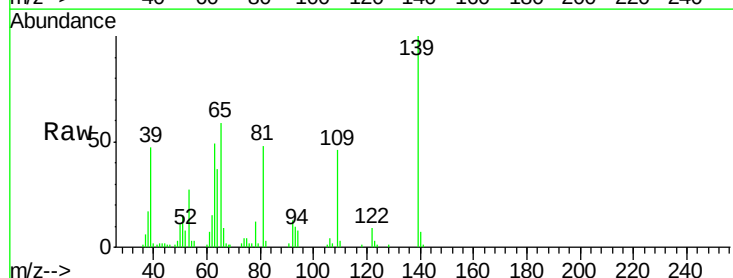
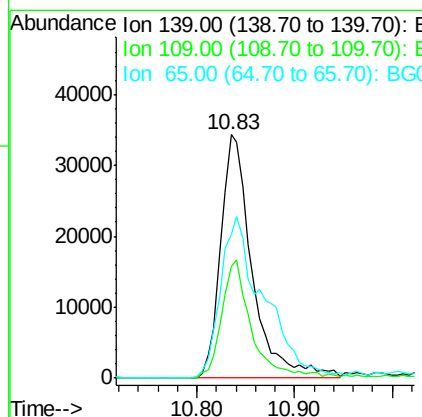
RT: 10.83 min Scan# 1284

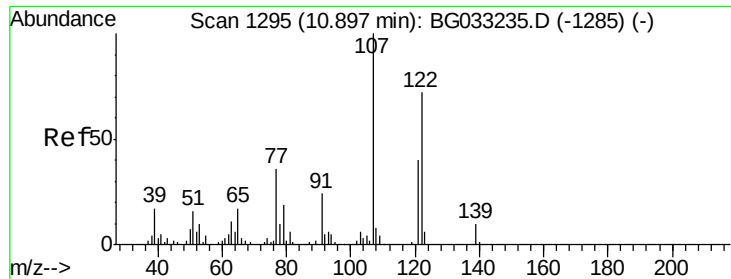
Delta R.T. -0.01 min

Lab File: BG033419.D

Acq: 29 Mar 2018 13:35

Tgt Ion:	139	Resp:	76889
Ion Ratio	Lower	Upper	
139	100		
109	45.7	24.2	36.2#
65	59.1	47.4	71.0





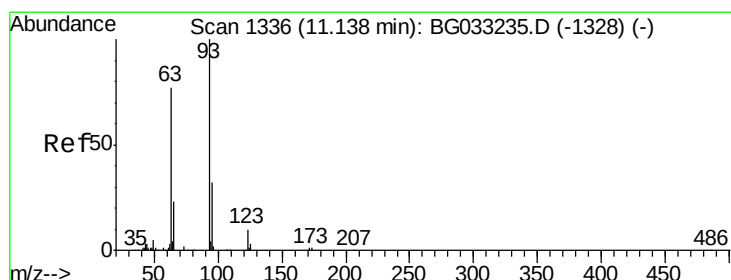
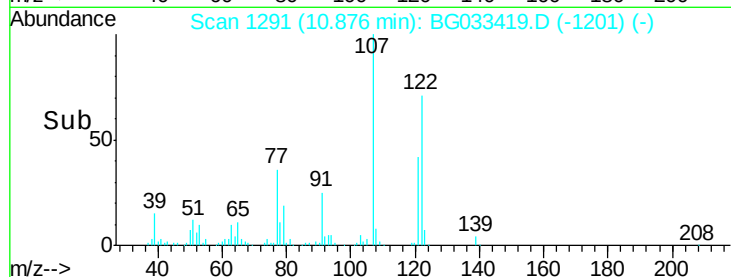
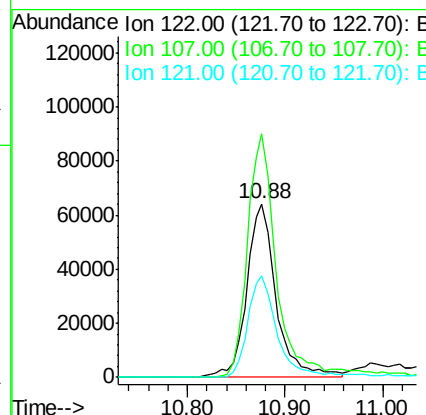
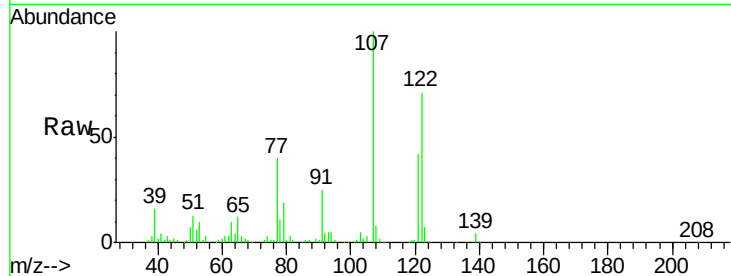
#27
 2,4-Dimethylphenol
 Concen: 57.941 ng
 RT: 10.88 min Scan# 1291
 Delta R.T. 0.00 min
 Lab File: BG033419.D
 Acq: 29 Mar 2018 13:35

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-032718-BMS

Tot Ion	Ratio	Lower	Upper
122	100		
107	140.4	100.2	150.2
121	58.4	44.4	66.6

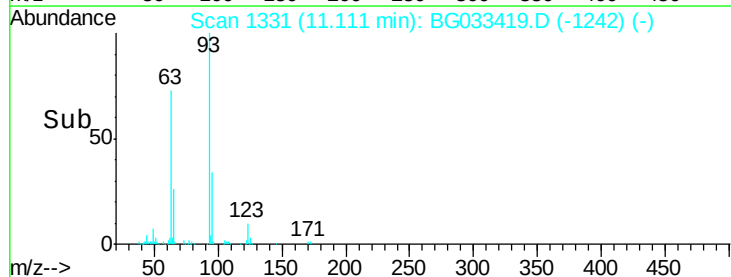
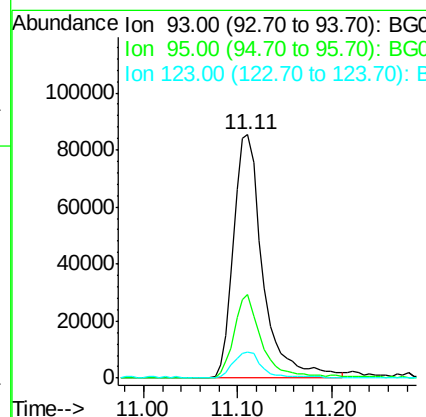
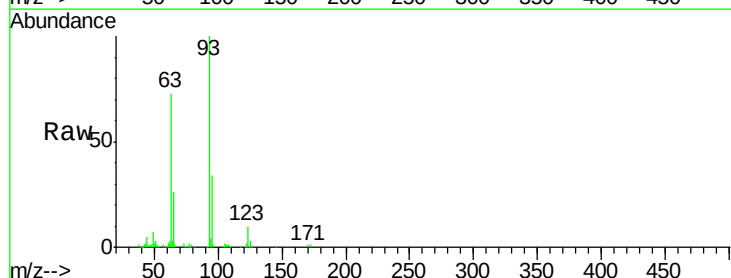
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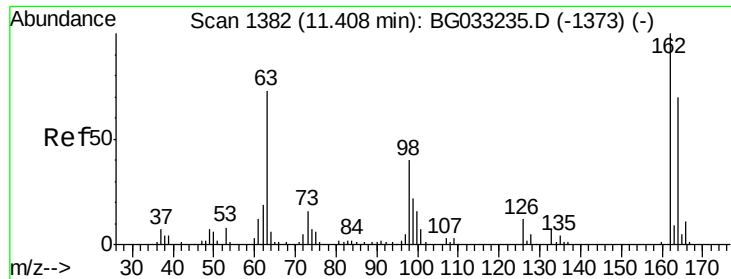
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#28
 bis(2-Chloroethoxy)methane
 Concen: 48.377 ng
 RT: 11.11 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BG033419.D
 Acq: 29 Mar 2018 13:35

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.3	24.3	36.5
123	10.5	8.4	12.6





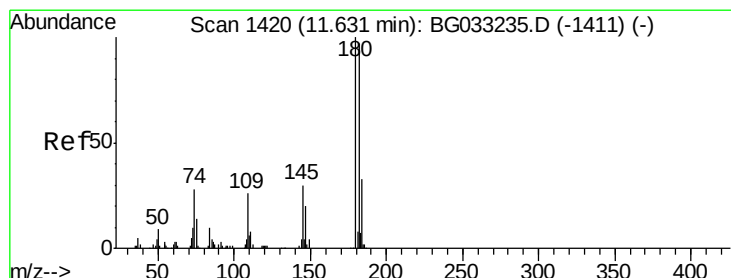
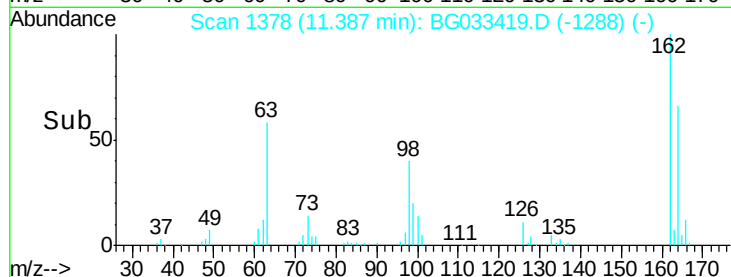
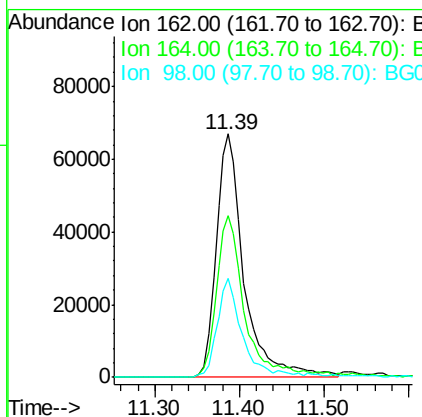
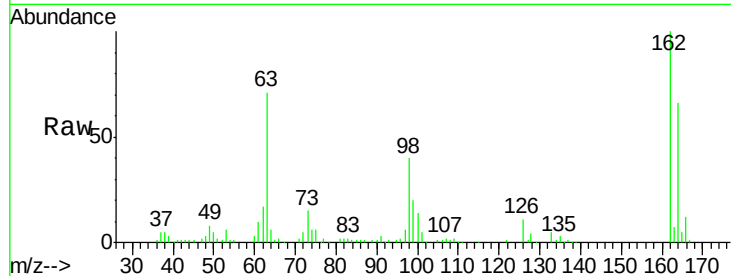
#29
 2,4-Dichlorophenol
 Concen: 53.271 ng
 RT: 11.39 min Scan# 1378
 Delta R.T. 0.00 min
 Lab File: BG033419.D
 Acq: 29 Mar 2018 13:35

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-032718-BMS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	152834		
164	66.2	48.0	88.0	
98	40.4	21.1	61.1	

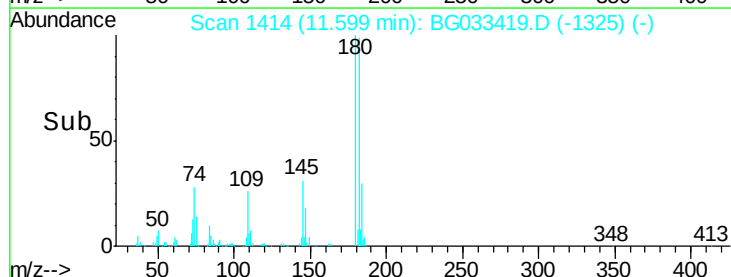
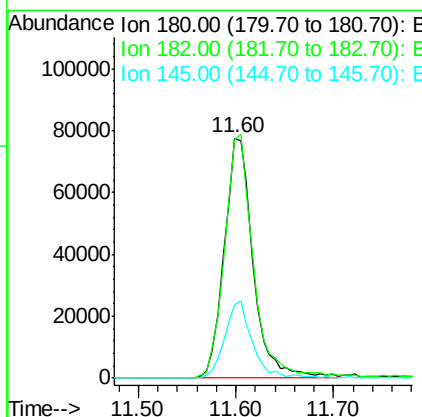
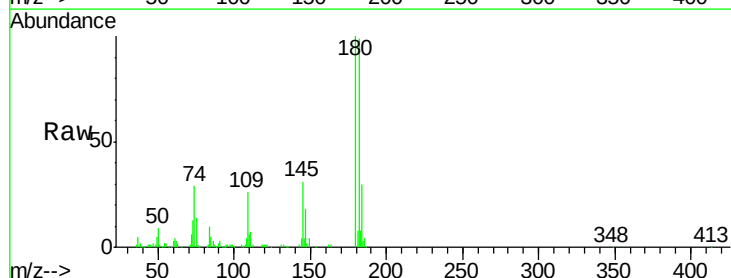
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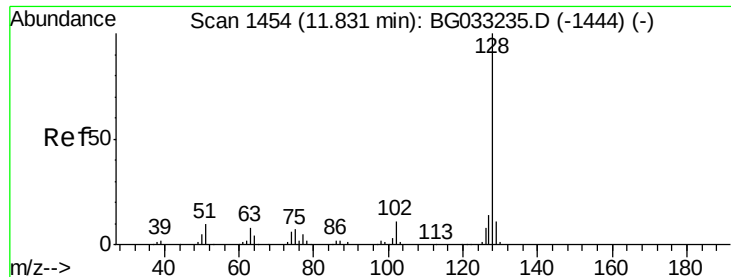
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#30
 1,2,4-Trichlorobenzene
 Concen: 42.767 ng
 RT: 11.60 min Scan# 1414
 Delta R.T. -0.01 min
 Lab File: BG033419.D
 Acq: 29 Mar 2018 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	159416		
182	99.4	77.5	116.3	
145	30.6	23.4	35.2	





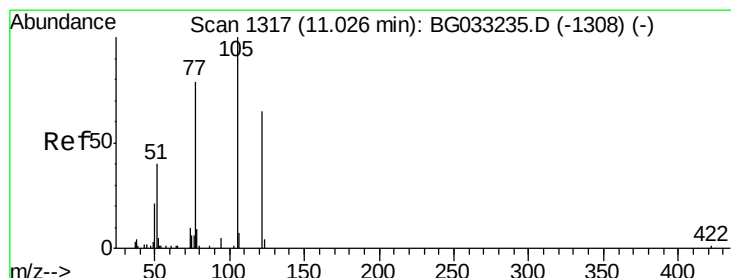
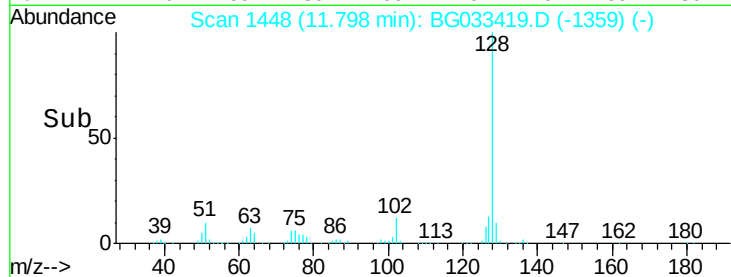
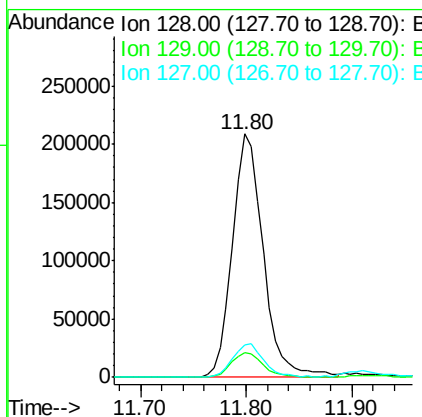
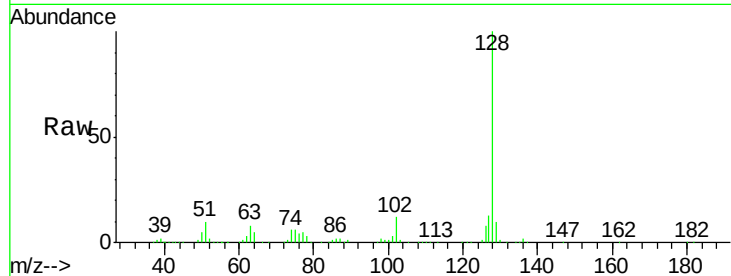
#31
Naphthalene
Concen: 44.868 ng
RT: 11.80 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BG033419.D
Acq: 29 Mar 2018 13:35

Instrument :
BNA_G
ClientSampleId :
CL-02-032718-BMS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.0	8.6	12.8
127	13.3	11.6	17.4

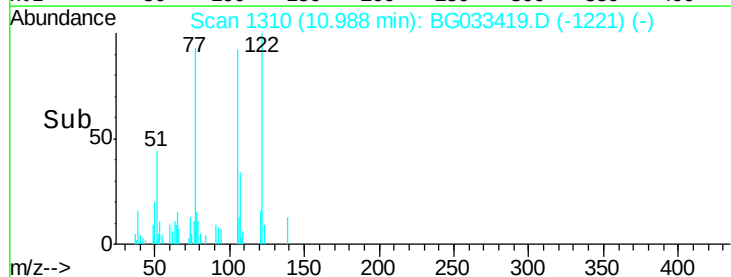
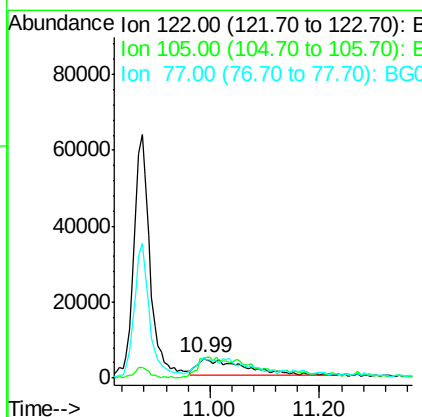
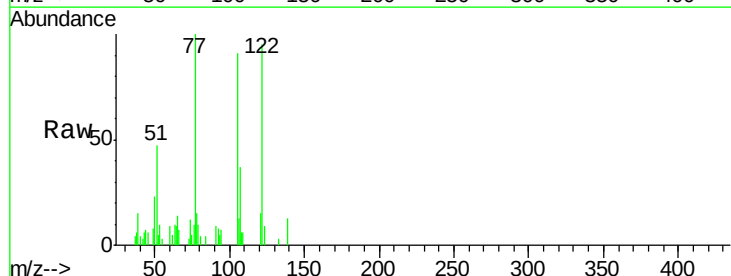
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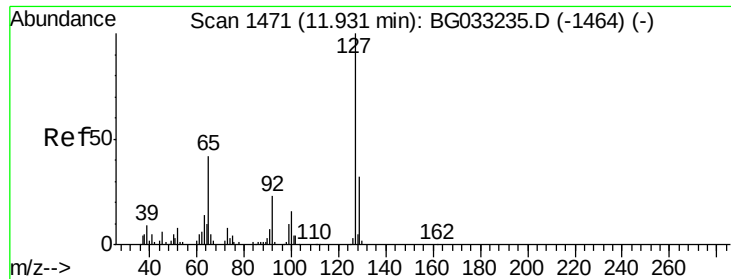
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#32
Benzoic acid
Concen: 12.101 ng m
RT: 10.99 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BG033419.D
Acq: 29 Mar 2018 13:35

Tgt Ion	Ratio	Lower	Upper
122	100		
105	95.9	123.5	163.5#
77	105.6	85.7	125.7





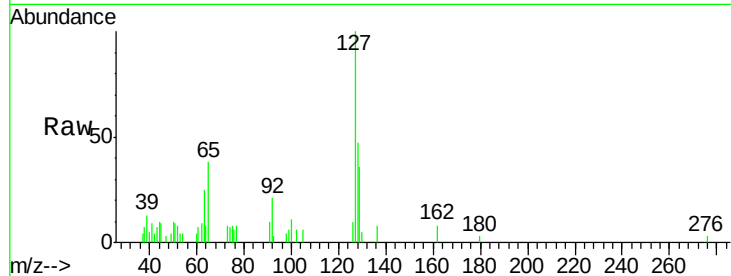
#33
4-Chloroaniline
Concen: 3.435 ng
RT: 11.91 min Scan# 1467
Delta R.T. 0.01 min
Lab File: BG033419.D
Acq: 29 Mar 2018 13:35

Instrument :
BNA_G
ClientSampleId :
CL-02-032718-BMS

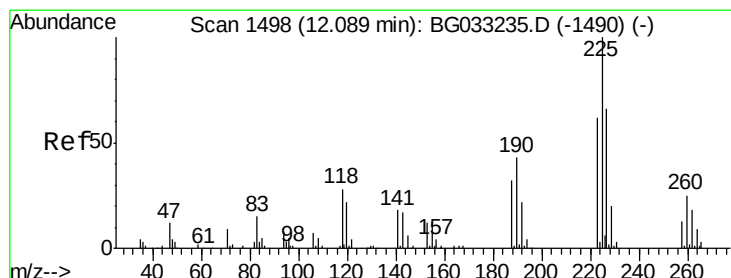
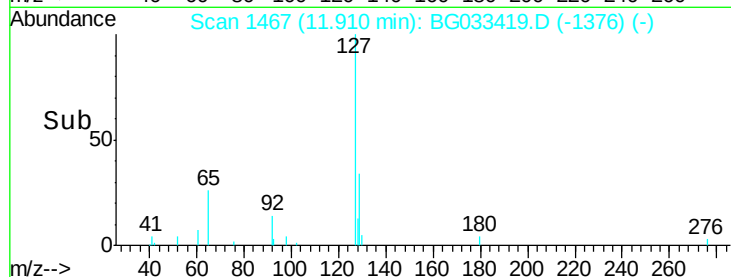
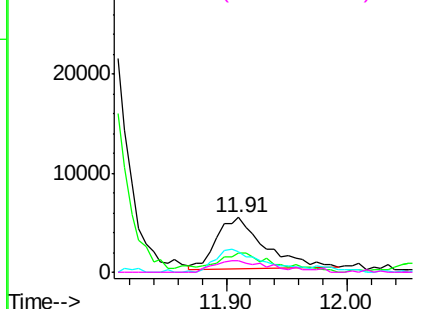
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		14520		
129	35.9	24.0	36.0		
65	38.1	27.0	40.4		
92	23.5	16.6	25.0		

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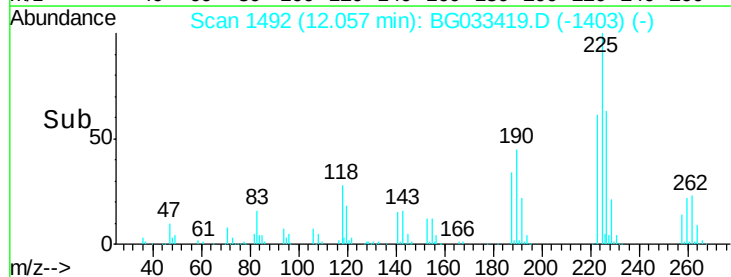
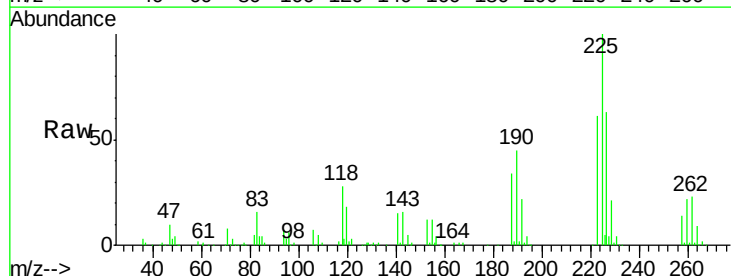
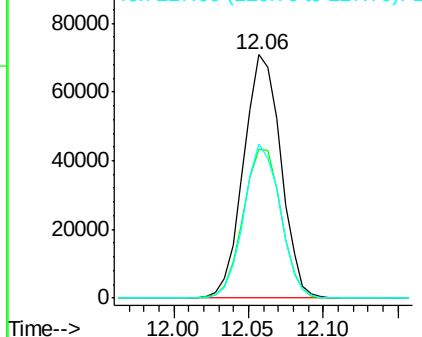
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

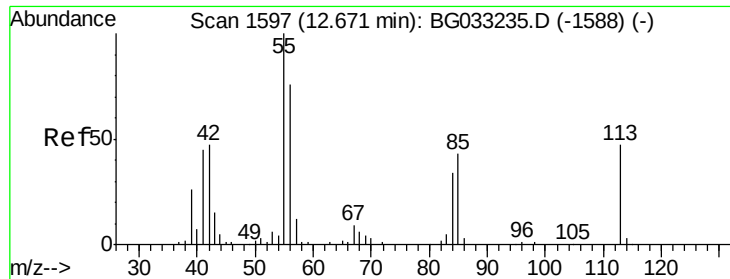


#34
Hexachlorobutadiene
Concen: 43.460 ng
RT: 12.06 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BG033419.D
Acq: 29 Mar 2018 13:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		122506		
223	61.2	49.7	74.5		
227	63.2	48.1	72.1		

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





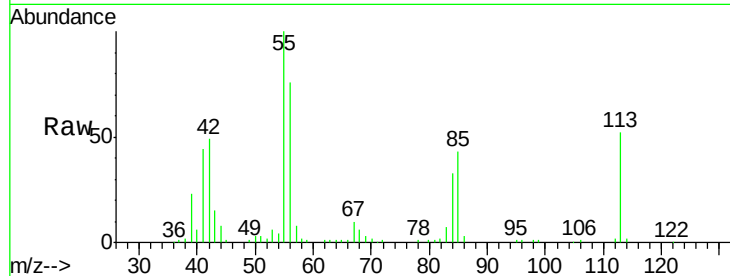
#35
 Caprolactam
 Concen: 34.901 ng
 RT: 12.65 min Scan# 1593
 Delta R.T. 0.01 min
 Lab File: BG033419.D
 Acq: 29 Mar 2018 13:35

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-032718-BMS

Tot Ion	Ratio	Lower	Upper
113	100		
55	192.2	186.9	226.9
56	145.3	130.9	170.9

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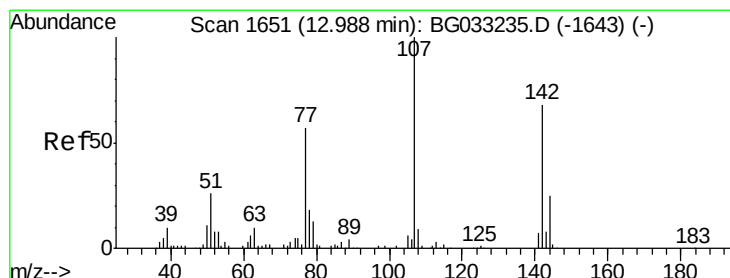
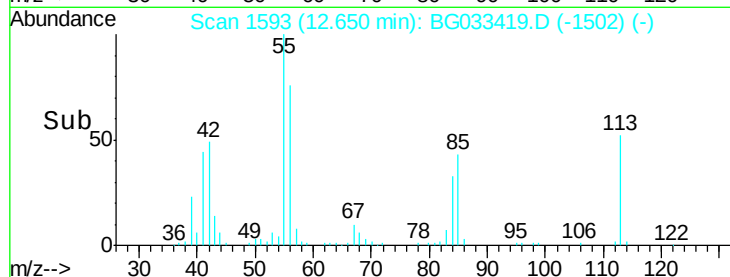
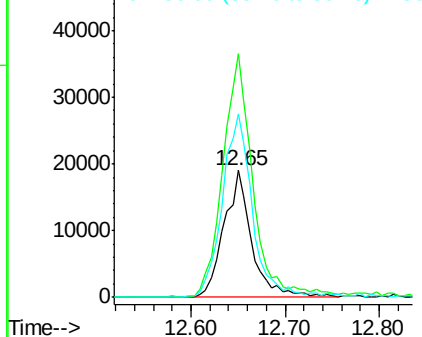
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Abundance Ion 113.00 (112.70 to 113.70): E

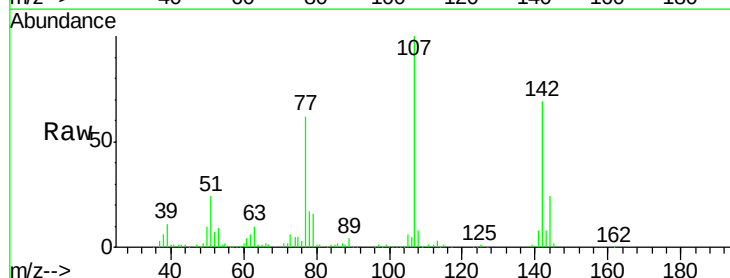
Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36
 4-Chloro-3-methylphenol
 Concen: 49.579 ng
 RT: 12.97 min Scan# 1647
 Delta R.T. 0.01 min
 Lab File: BG033419.D
 Acq: 29 Mar 2018 13:35

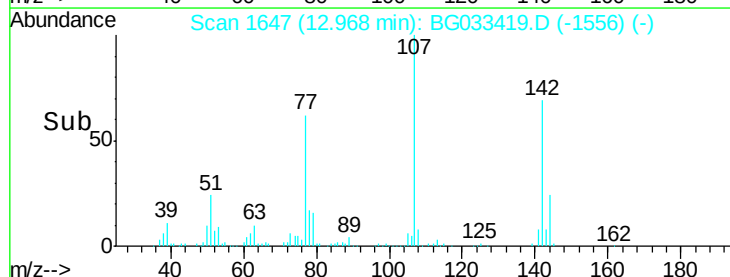
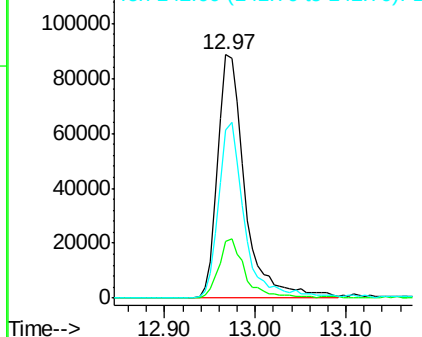
Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.5	18.2	27.4
142	69.0	59.0	88.4

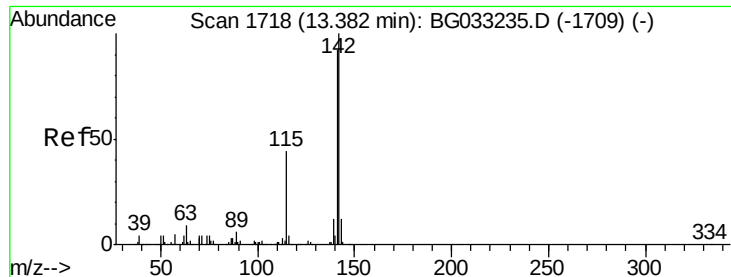


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 44.308 ng

RT: 13.35 min Scan# 1712

Delta R.T. -0.01 min

Lab File: BG033419.D

Acq: 29 Mar 2018 13:35

Instrument :

BNA_G

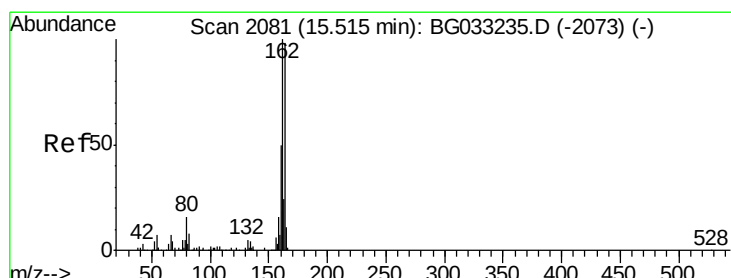
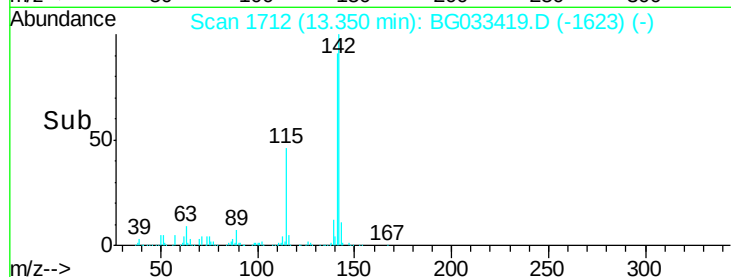
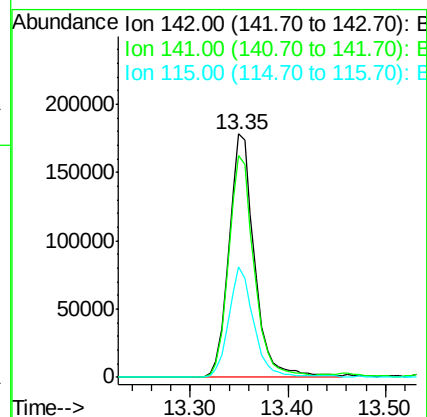
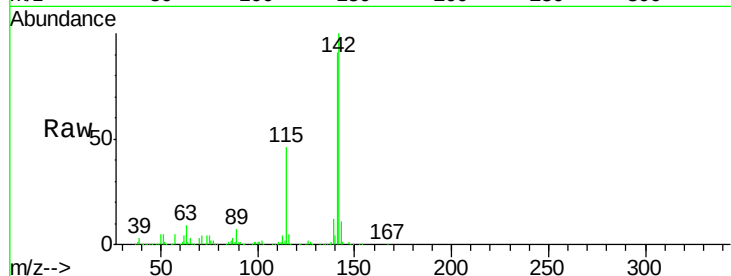
ClientSampleId :

CL-02-032718-BMS

Tot Ion:	142	Resp:	324475
Ion Ratio	Lower	Upper	
142	100		
141	91.2	67.1	100.7
115	45.5	30.7	46.1

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#38

Acenaphthene-d10

Concen: 20.000 ng

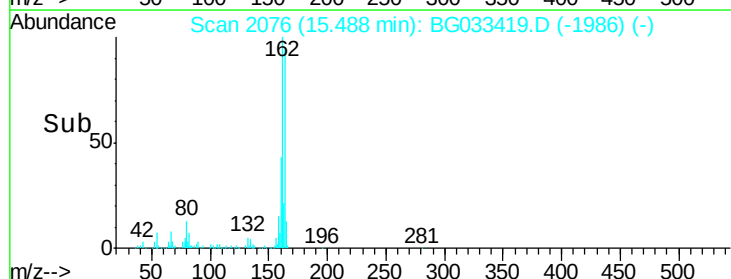
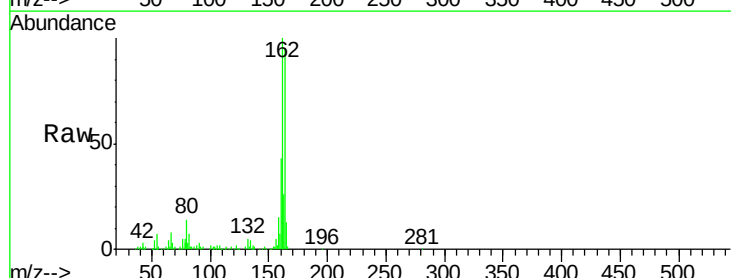
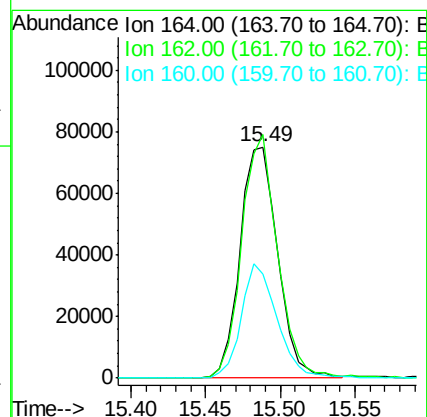
RT: 15.49 min Scan# 2076

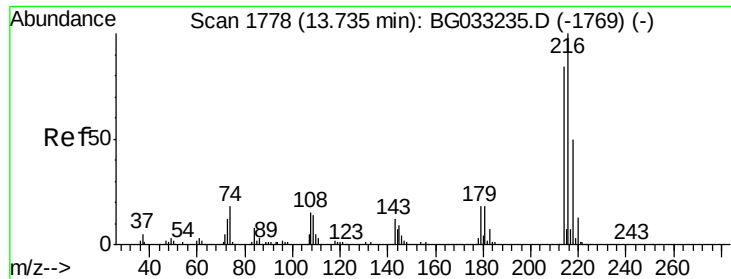
Delta R.T. 0.00 min

Lab File: BG033419.D

Acq: 29 Mar 2018 13:35

Tgt Ion:	164	Resp:	131780
Ion Ratio	Lower	Upper	
164	100		
162	105.3	78.8	118.2
160	44.8	35.4	53.0





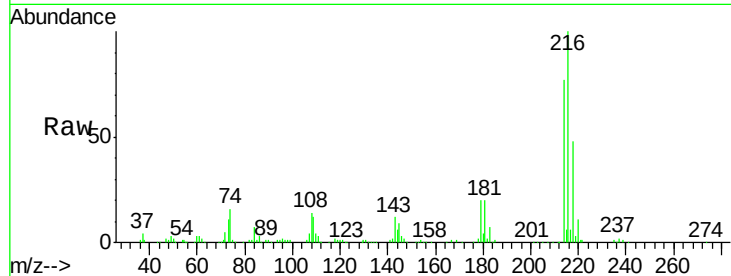
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.430 ng
 RT: 13.71 min Scan# 1773
 Delta R.T. 0.00 min
 Lab File: BG033419.D
 Acq: 29 Mar 2018 13:35

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-032718-BMS

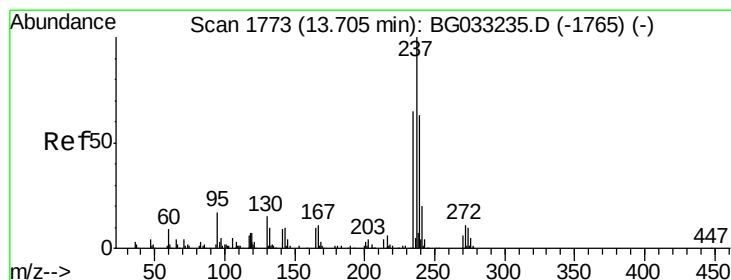
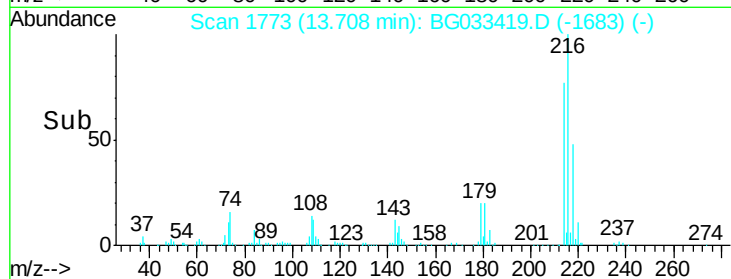
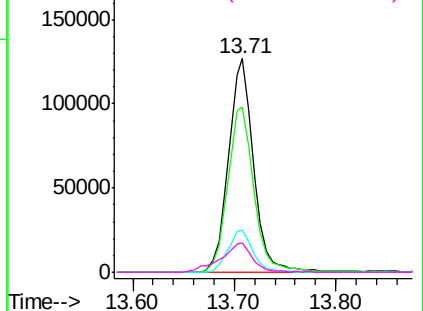
Tot Ion	Ratio	Resp	Lower	Upper
216	100	216859		
214	80.5	63.0	94.4	
179	19.6	17.0	25.6	
108	17.0	12.8	19.2	

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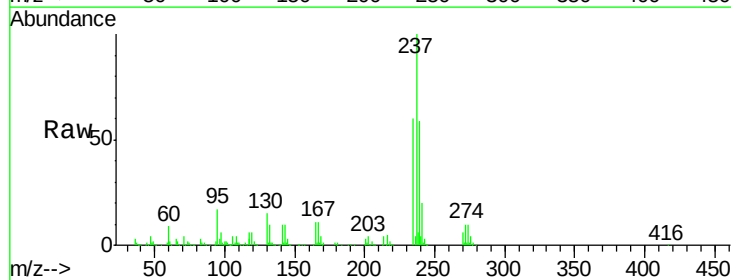


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

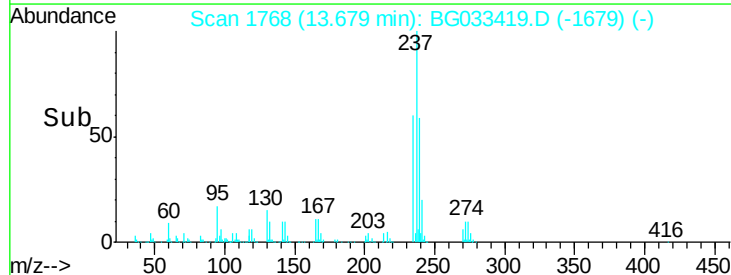
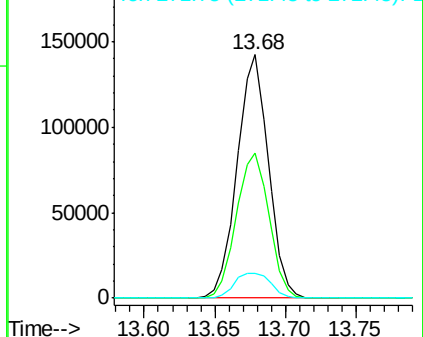


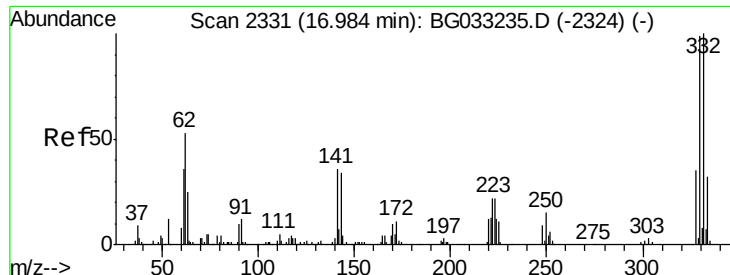
#40
 Hexachlorocyclopentadiene
 Concen: 78.754 ng
 RT: 13.68 min Scan# 1768
 Delta R.T. -0.01 min
 Lab File: BG033419.D
 Acq: 29 Mar 2018 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	220377		
235	59.5	50.4	90.4	
272	10.1	0.0	31.8	



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





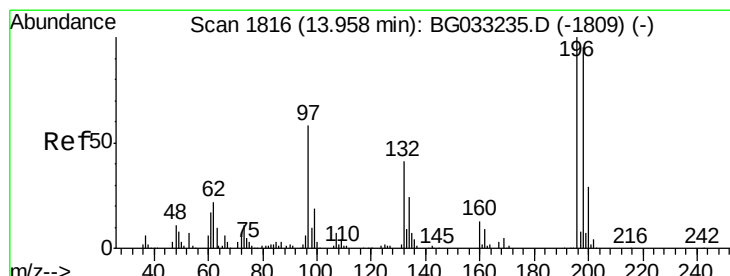
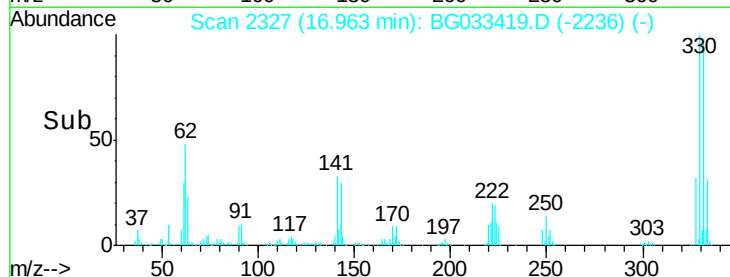
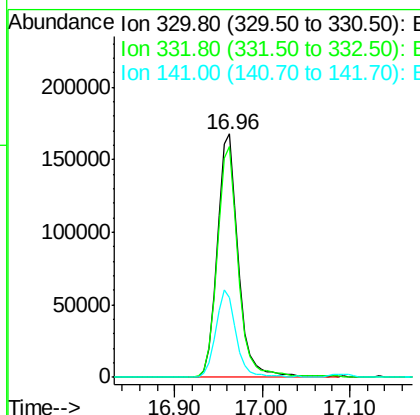
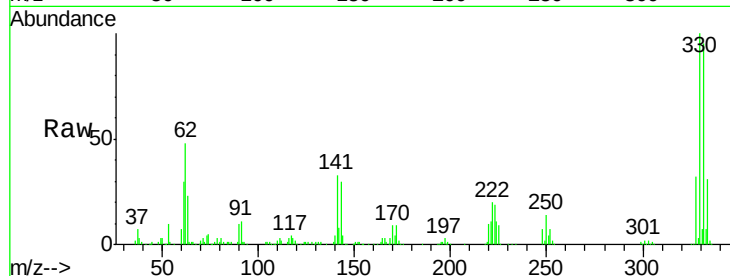
#41
 2,4,6-Tribromophenol
 Concen: 141.833 ng
 RT: 16.96 min Scan# 2327
 Delta R.T. 0.01 min
 Lab File: BG033419.D
 Acq: 29 Mar 2018 13:35

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-032718-BMS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	279541		
332	94.4	77.0	115.6	
141	34.9	25.2	37.8	

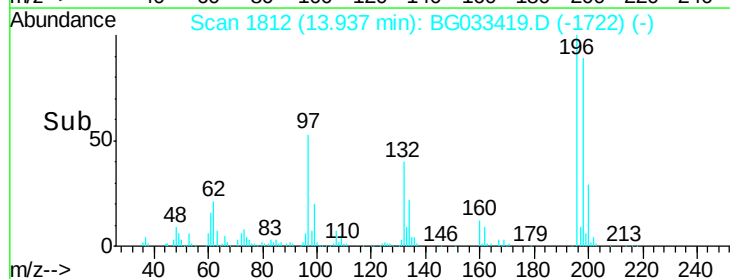
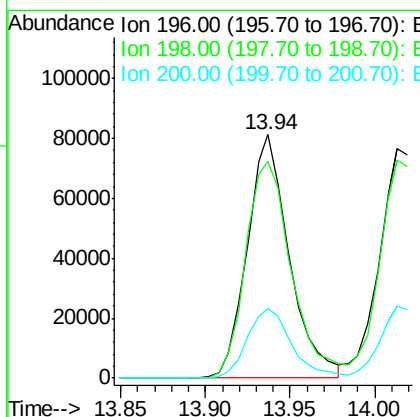
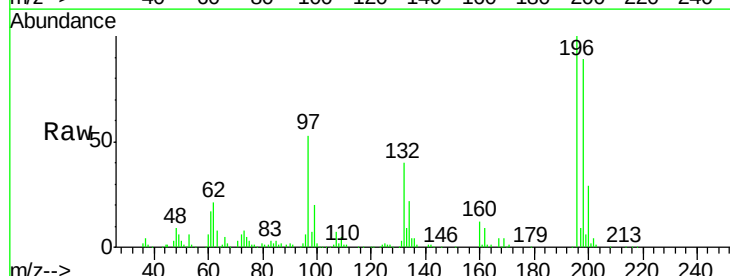
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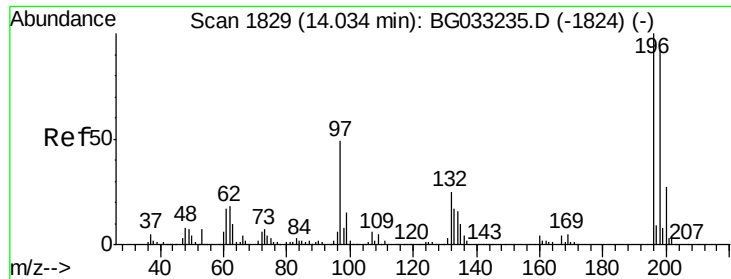
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#42
 2,4,6-Trichlorophenol
 Concen: 50.601 ng
 RT: 13.94 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: BG033419.D
 Acq: 29 Mar 2018 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	140335		
198	89.1	78.2	117.2	
200	28.6	24.6	36.8	





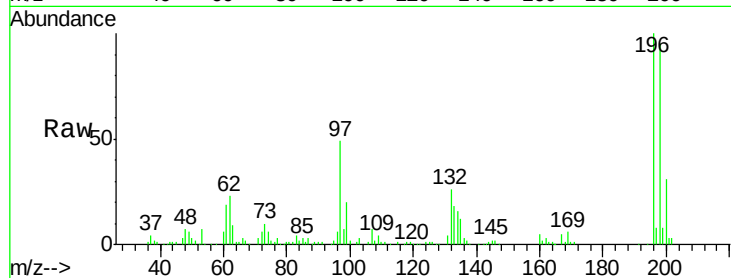
#43
2,4,5-Trichlorophenol
Concen: 48.142 ng
RT: 14.01 min Scan# 1825
Delta R.T. 0.00 min
Lab File: BG033419.D
Acq: 29 Mar 2018 13:35

Instrument :
BNA_G
ClientSampleId :
CL-02-032718-BMS

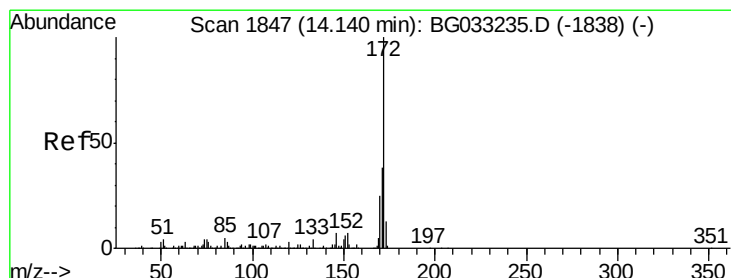
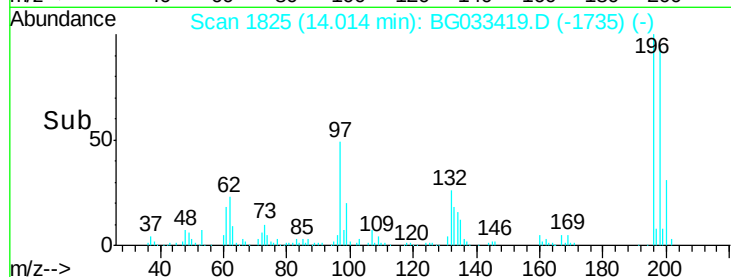
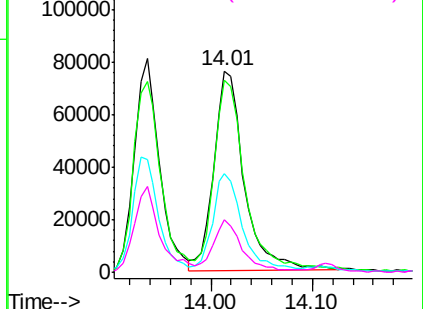
Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		157814		
198	95.1	76.2	114.4		
97	48.8	38.7	58.1		
132	25.9	20.2	30.2		

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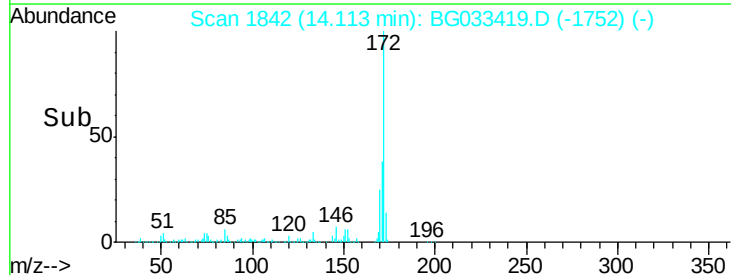
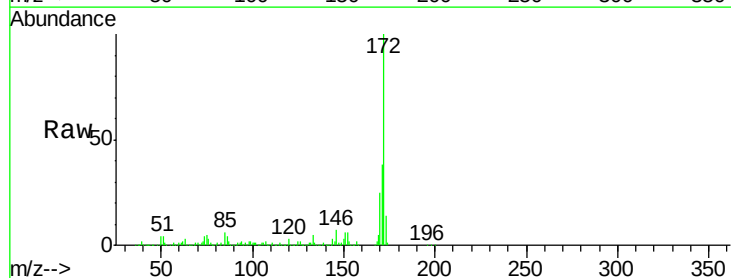
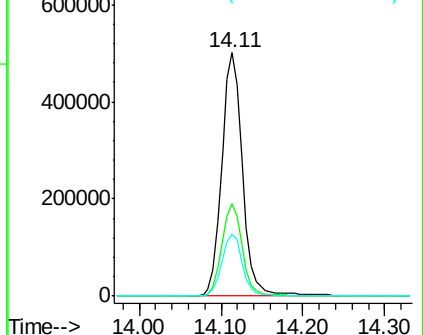
Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BG
Ion 132.00 (131.70 to 132.70): E

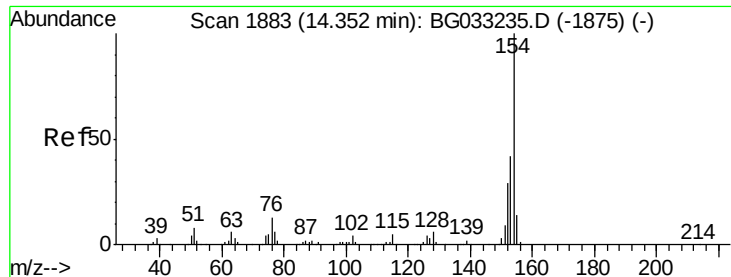


#44
2-Fluorobiphenyl
Concen: 97.087 ng
RT: 14.11 min Scan# 1842
Delta R.T. 0.00 min
Lab File: BG033419.D
Acq: 29 Mar 2018 13:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		886245		
171	38.0	30.0	45.0		
170	25.4	19.5	29.3		

Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 45.886 ng

RT: 14.32 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BG033419.D

Acq: 29 Mar 2018 13:35

Instrument :

BNA_G

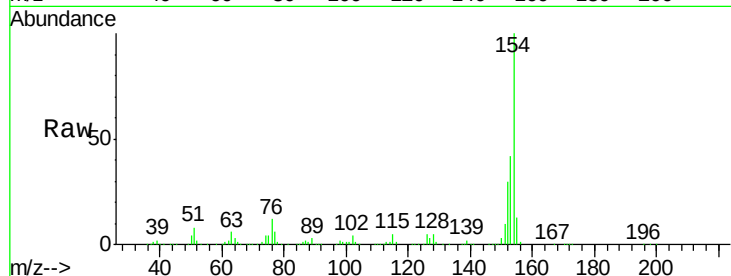
ClientSampleId :

CL-02-032718-BMS

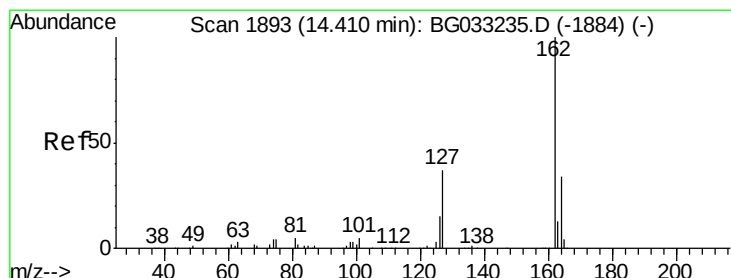
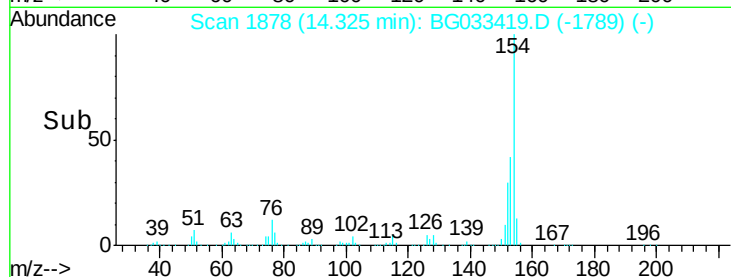
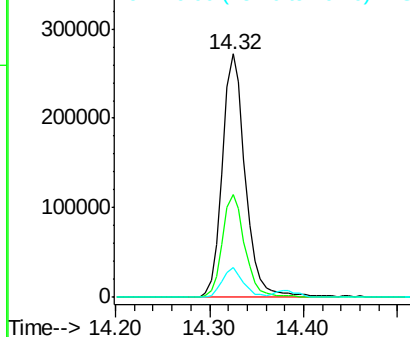
Tot Ion:	154	Resp:	464561
Ion Ratio		Lower	Upper
154	100		
153	42.3	19.8	59.8
76	12.2	0.0	31.9

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



#46

2-Chloronaphthalene

Concen: 45.477 ng

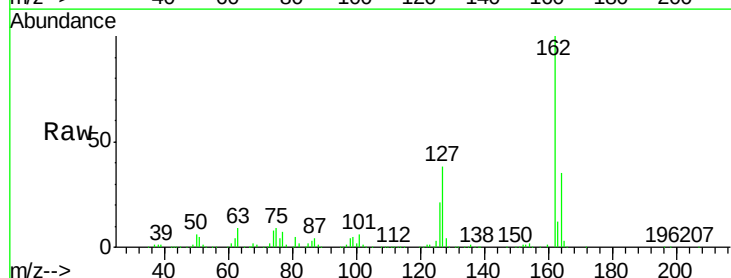
RT: 14.38 min Scan# 1888

Delta R.T. 0.00 min

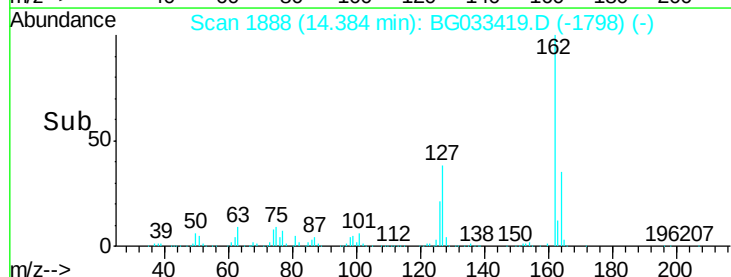
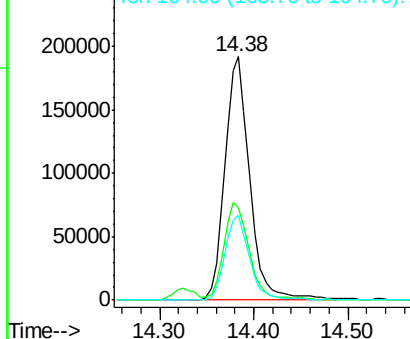
Lab File: BG033419.D

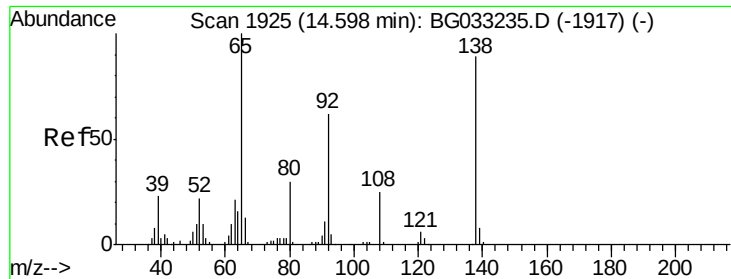
Acq: 29 Mar 2018 13:35

Tgt Ion:	162	Resp:	355012
Ion Ratio		Lower	Upper
162	100		
127	38.2	30.7	46.1
164	34.8	26.0	39.0



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





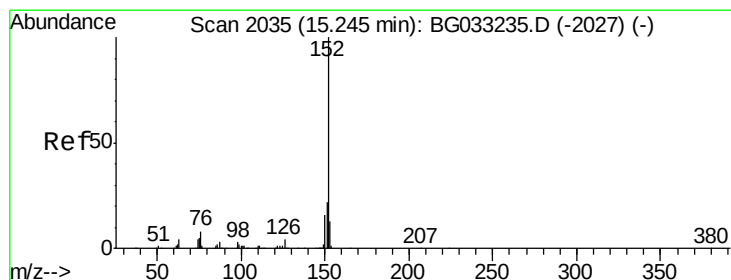
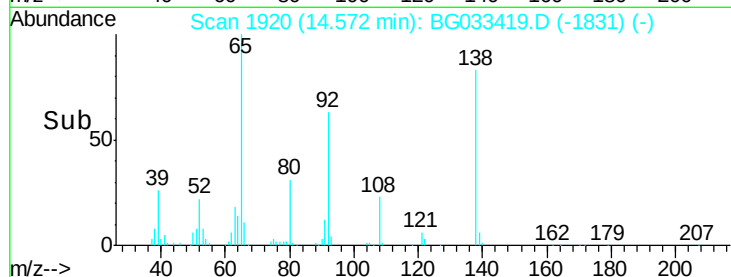
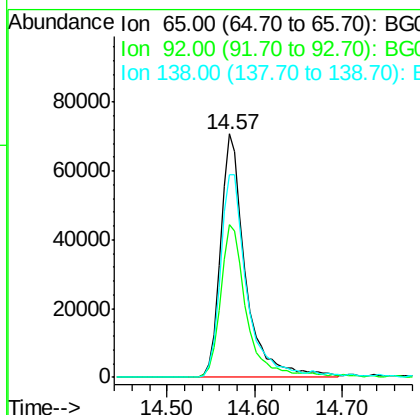
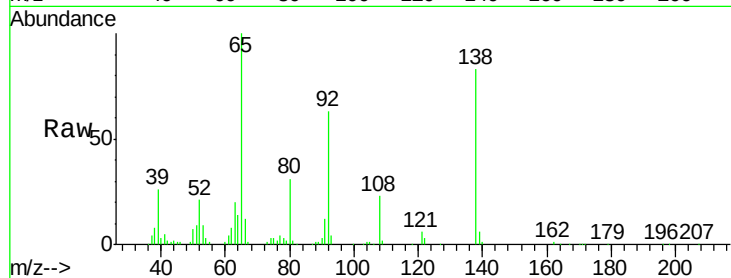
#47
2-Nitroaniline
Concen: 47.611 ng
RT: 14.57 min Scan# 1920
Delta R.T. -0.01 min
Lab File: BG033419.D
Acq: 29 Mar 2018 13:35

Instrument :
BNA_G
ClientSampleId :
CL-02-032718-BMS

Tot Ion	Ratio	Lower	Upper
65	100		
92	62.7	54.6	82.0
138	83.0	72.9	109.3

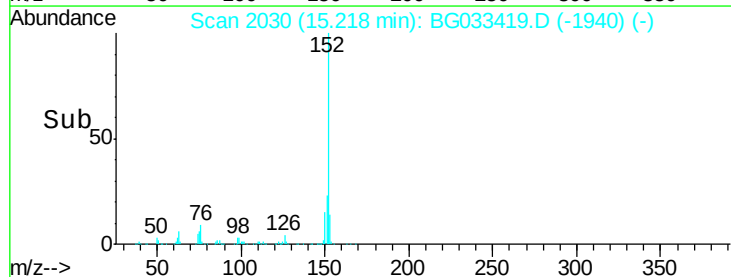
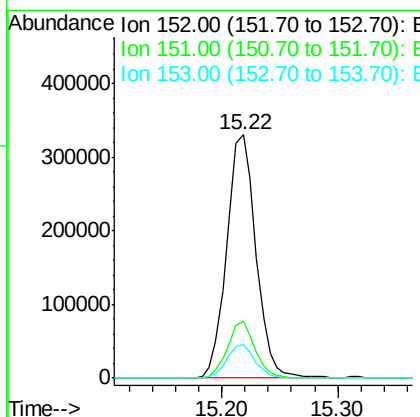
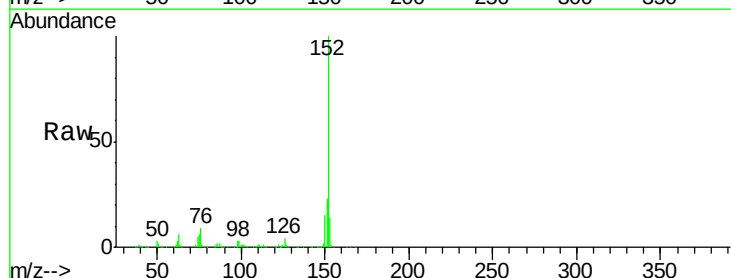
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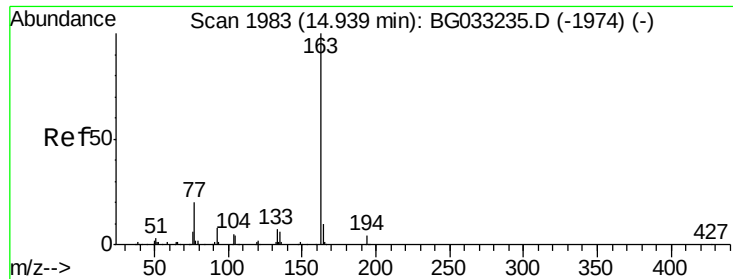
Sohil
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#48
Acenaphthylene
Concen: 44.172 ng
RT: 15.22 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BG033419.D
Acq: 29 Mar 2018 13:35

Tgt Ion	Ratio	Lower	Upper
152	100		
151	23.2	17.2	25.8
153	14.1	10.2	15.4





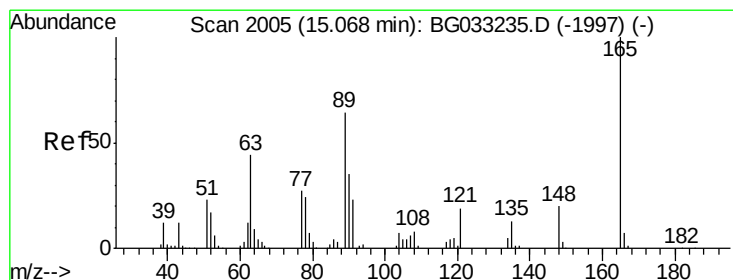
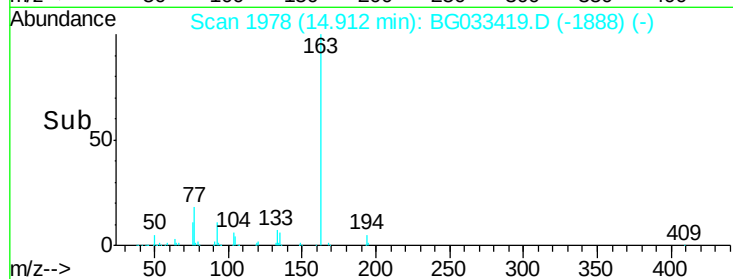
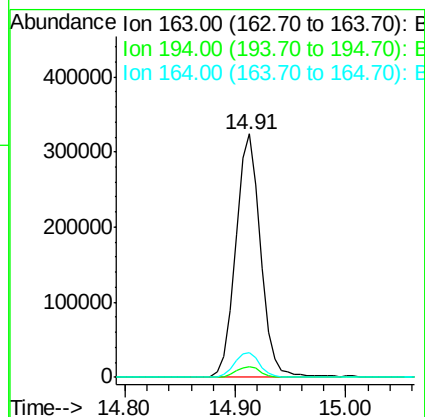
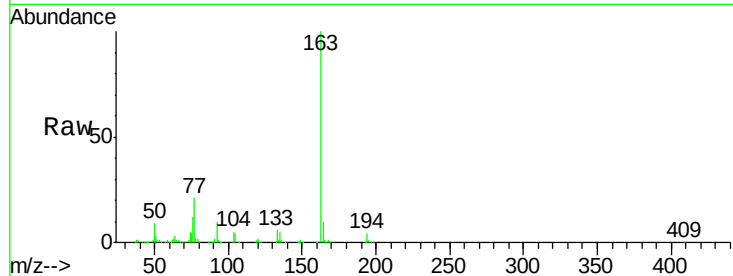
#49
Dimethylphthalate
Concen: 44.587 ng
RT: 14.91 min Scan# 1978
Delta R.T. 0.00 min
Lab File: BG033419.D
Acq: 29 Mar 2018 13:35

Instrument :
BNA_G
ClientSampleId :
CL-02-032718-BMS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	511348		
194	4.4		3.4	5.2
164	10.1		8.2	12.4

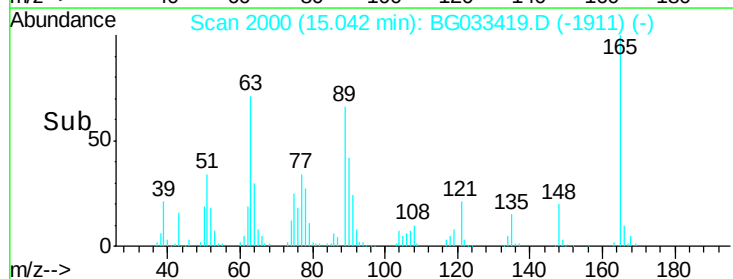
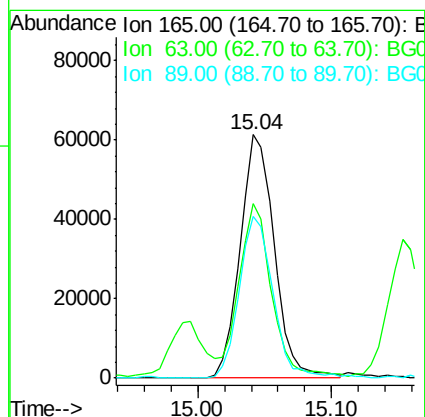
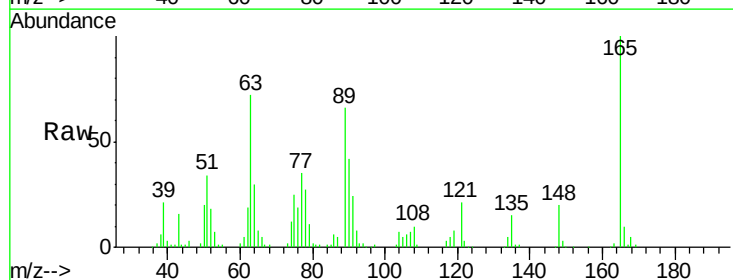
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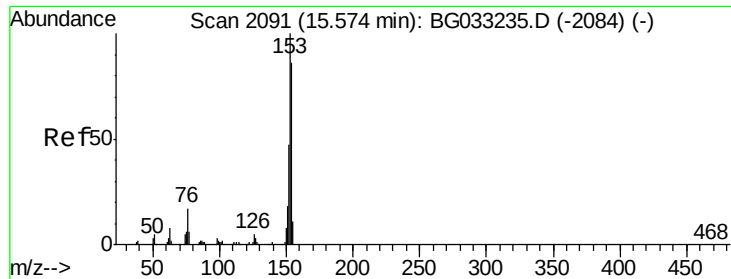
Sohil
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#50
2,6-Dinitrotoluene
Concen: 46.439 ng
RT: 15.04 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BG033419.D
Acq: 29 Mar 2018 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	108898		
63	71.6		52.7	79.1
89	66.4		49.2	73.8





#51

Acenaphthene

Concen: 43.101 ng

RT: 15.55 min Scan# 2086

Delta R.T. -0.01 min

Lab File: BG033419.D

Acq: 29 Mar 2018 13:35

Instrument :

BNA_G

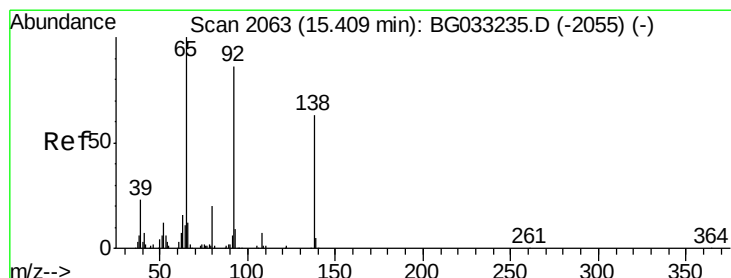
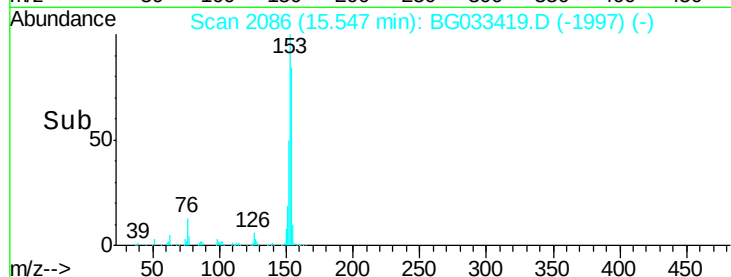
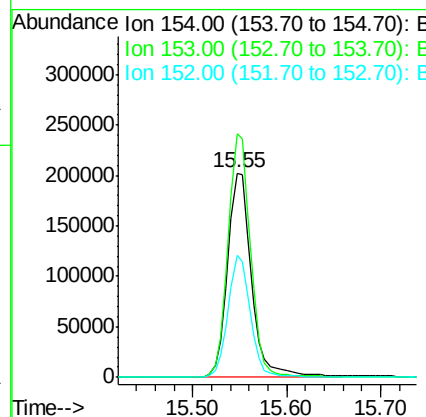
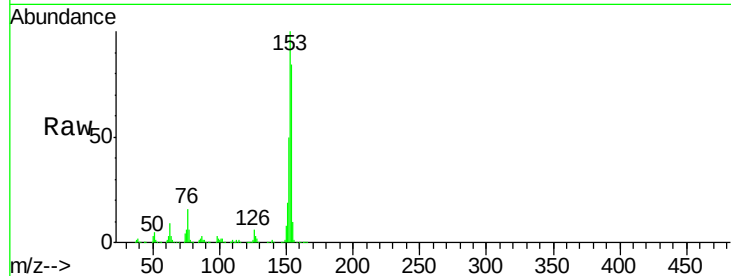
ClientSampleId :

CL-02-032718-BMS

Tot Ion:	154	Resp:	362041
Ion Ratio	Lower	Upper	
154	100		
153	119.4	90.4	135.6
152	59.7	41.6	62.4

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#52

3-Nitroaniline

Concen: 9.667 ng

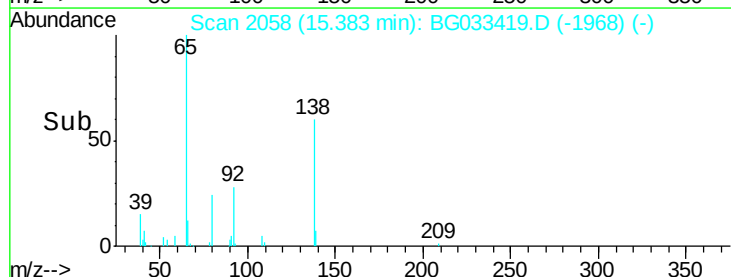
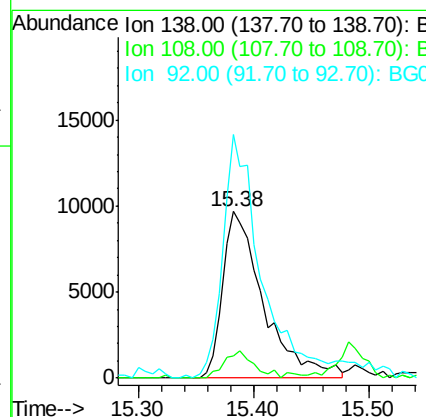
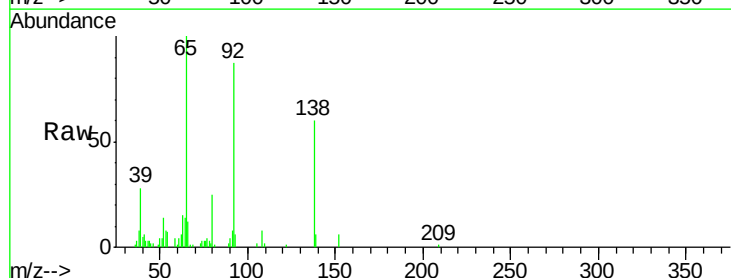
RT: 15.38 min Scan# 2058

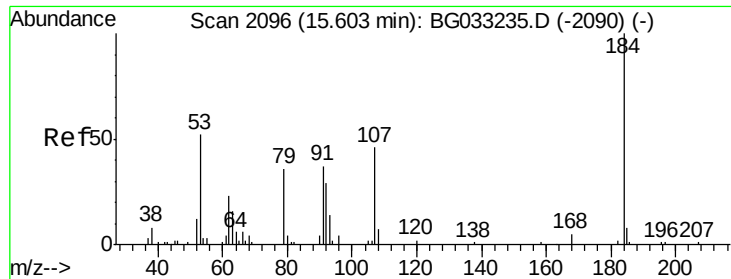
Delta R.T. 0.00 min

Lab File: BG033419.D

Acq: 29 Mar 2018 13:35

Tgt Ion:	138	Resp:	23767
Ion Ratio	Lower	Upper	
138	100		
108	13.5	17.5	26.3#
92	146.2	105.8	158.8





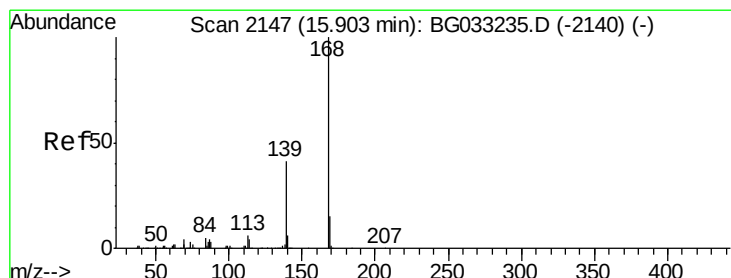
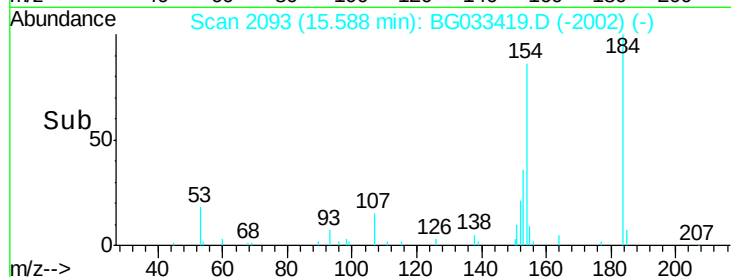
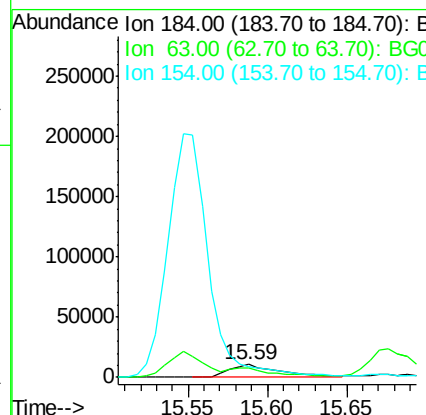
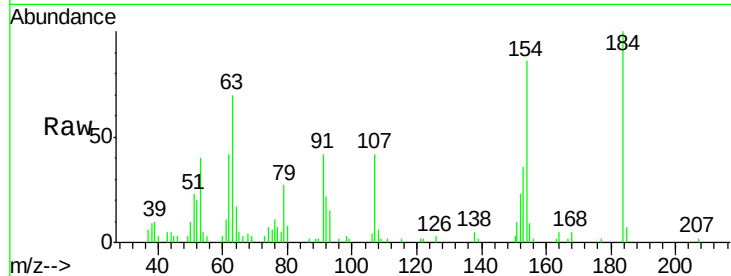
#53
2,4-Dinitrophenol
Concen: 26.027 ng
RT: 15.59 min Scan# 2093
Delta R.T. 0.01 min
Lab File: BG033419.D
Acq: 29 Mar 2018 13:35

Instrument :
BNA_G
ClientSampleId :
CL-02-032718-BMS

Tot Ion	Ratio	Lower	Upper
184	100		
63	70.4	59.8	89.8
154	85.9	101.8	152.8#

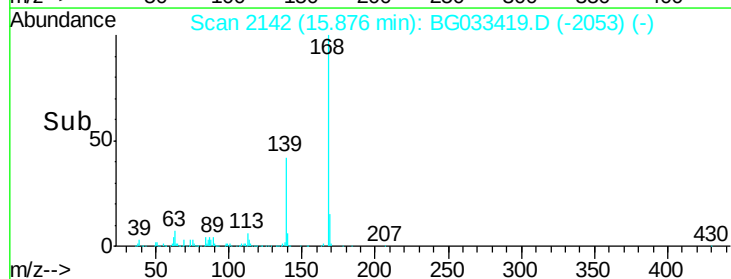
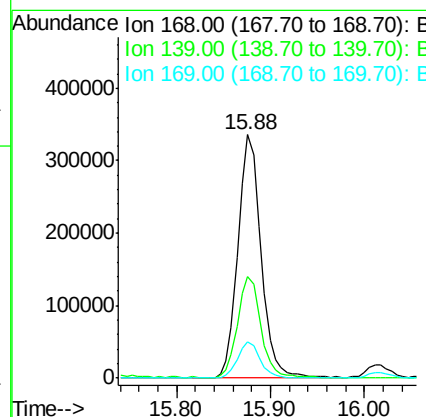
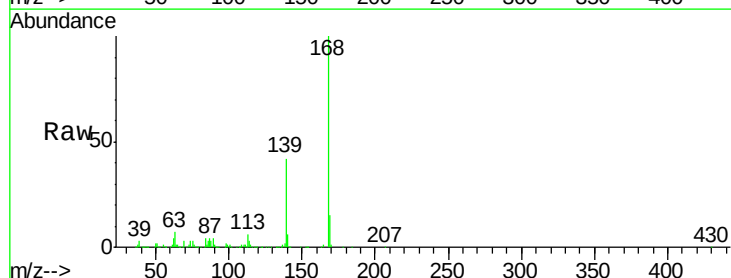
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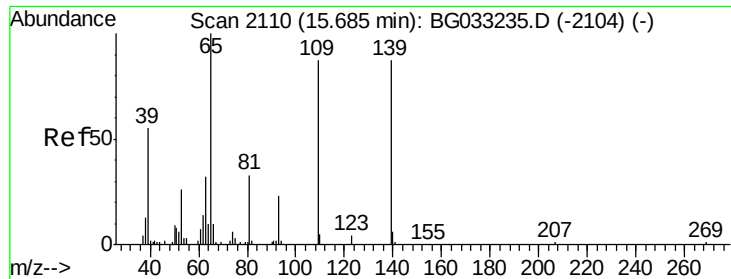
Sohil
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#54
Dibenzofuran
Concen: 46.398 ng
RT: 15.88 min Scan# 2142
Delta R.T. -0.01 min
Lab File: BG033419.D
Acq: 29 Mar 2018 13:35

Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.5	28.6	43.0
169	14.7	11.2	16.8





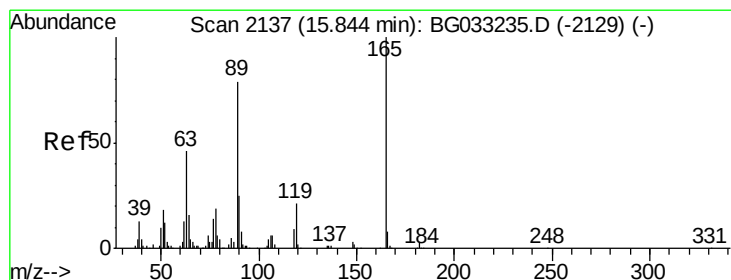
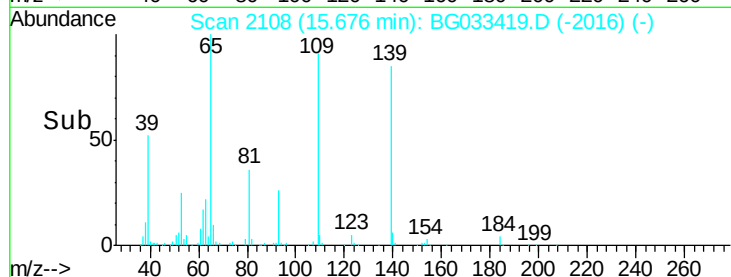
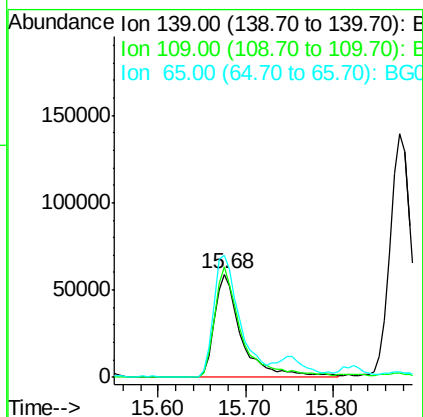
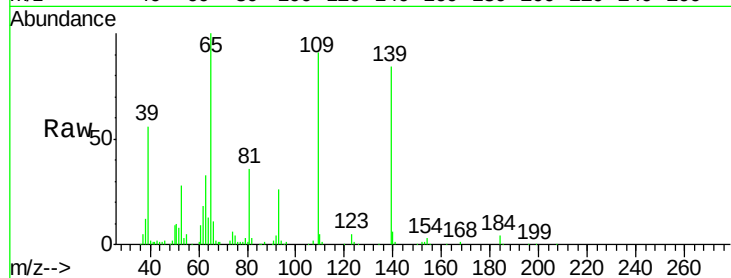
#55
4-Nitrophenol
Concen: 73.286 ng
RT: 15.68 min Scan# 2108
Delta R.T. 0.01 min
Lab File: BG033419.D
Acq: 29 Mar 2018 13:35

Instrument :
BNA_G
ClientSampleId :
CL-02-032718-BMS

Tot Ion	Ratio	Lower	Upper
139	100		
109	107.4	62.2	102.2#
65	118.6	97.2	137.2

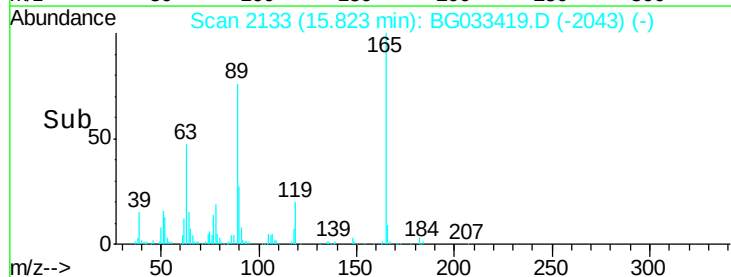
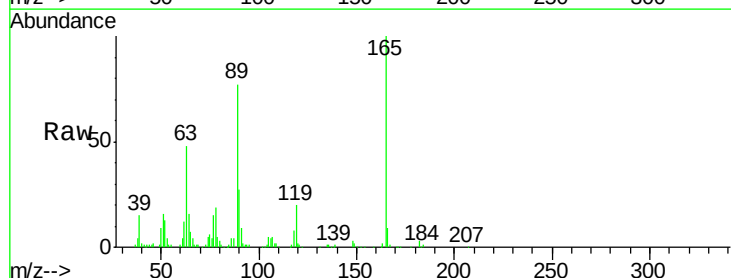
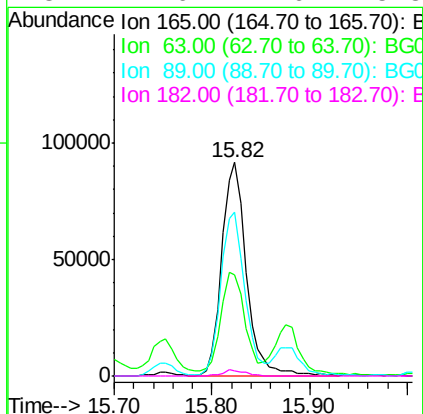
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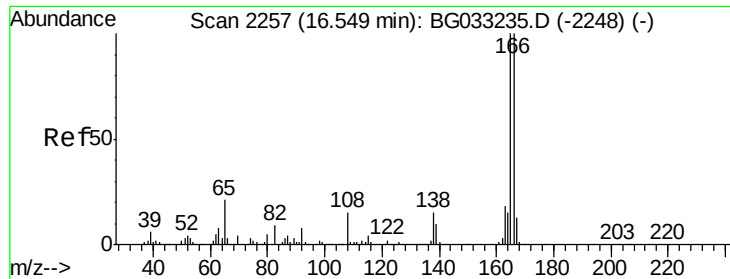
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#56
2,4-Dinitrotoluene
Concen: 46.185 ng
RT: 15.82 min Scan# 2133
Delta R.T. 0.00 min
Lab File: BG033419.D
Acq: 29 Mar 2018 13:35

Tgt Ion	Ratio	Lower	Upper
165	100		
63	47.6	42.0	63.0
89	76.6	66.9	100.3
182	2.6	2.6	3.8





#57

Fluorene

Concen: 45.433 ng

RT: 16.52 min Scan# 2252

Delta R.T. 0.00 min

Lab File: BG033419.D

Acq: 29 Mar 2018 13:35

Instrument :

BNA_G

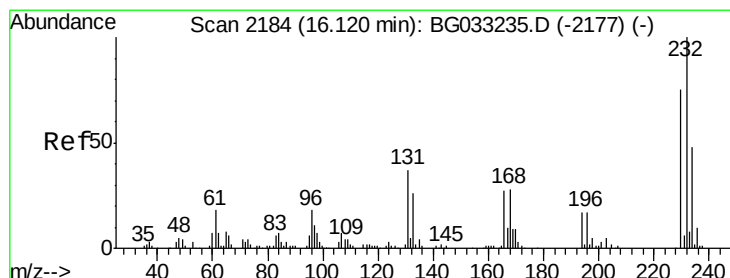
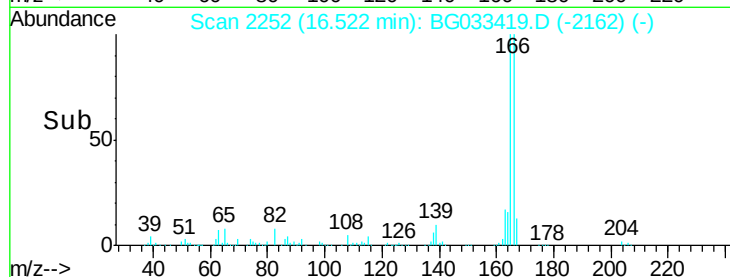
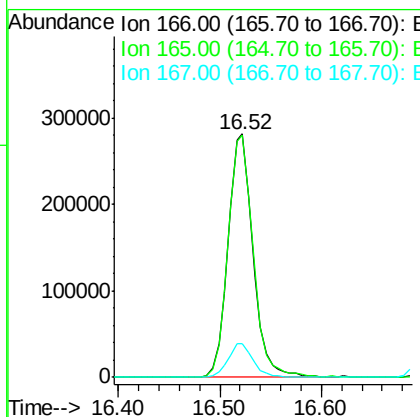
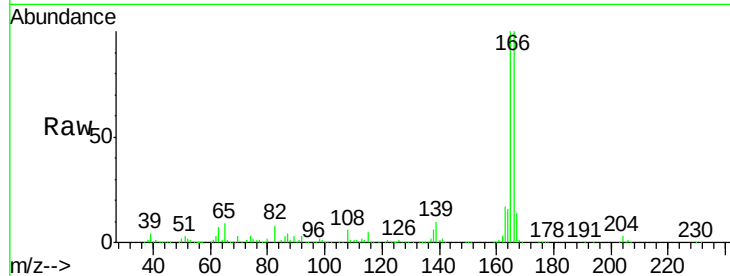
ClientSampleId :

CL-02-032718-BMS

Tot Ion:	166	Resp:	480250
Ion Ratio		Lower	Upper
166	100		
165	99.5	80.6	121.0
167	13.8	10.4	15.6

Manual Integrations
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3/29/2018 5:39:25 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 48.187 ng

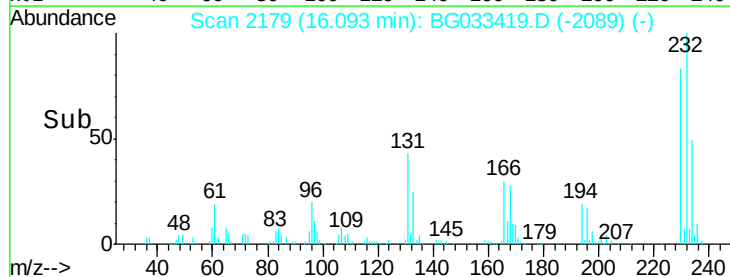
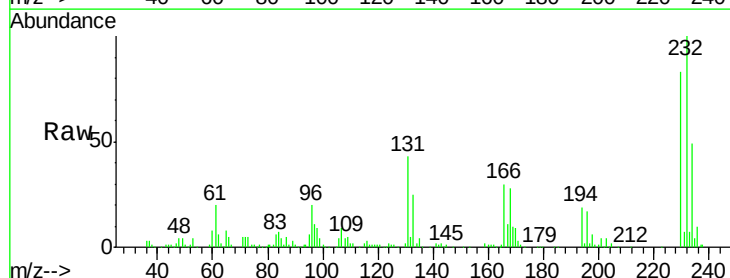
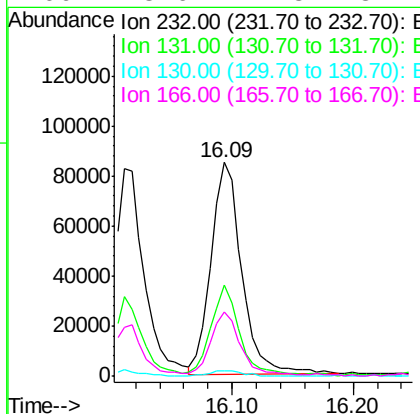
RT: 16.09 min Scan# 2179

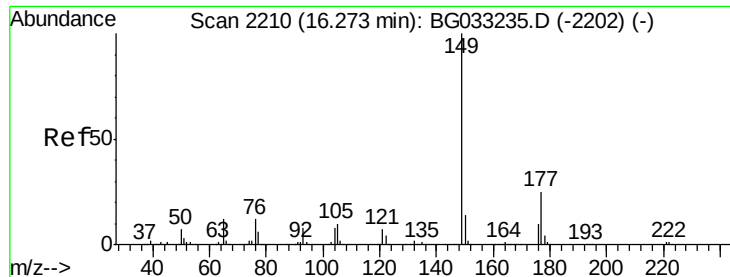
Delta R.T. 0.00 min

Lab File: BG033419.D

Acq: 29 Mar 2018 13:35

Tgt Ion:	232	Resp:	148710
Ion Ratio		Lower	Upper
232	100		
131	38.0	33.5	50.3
130	2.7	2.2	3.2
166	28.6	24.8	37.2





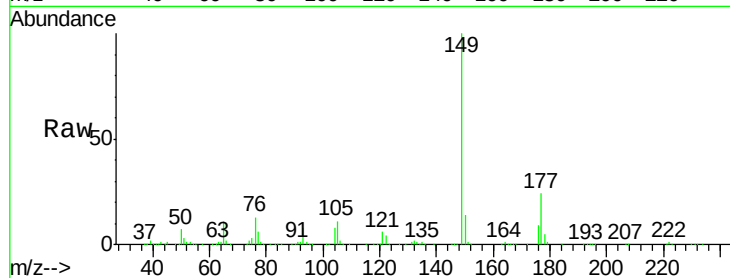
#59
Diethylphthalate
Concen: 45.616 ng
RT: 16.25 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BG033419.D
Acq: 29 Mar 2018 13:35

Instrument :
BNA_G
ClientSampleId :
CL-02-032718-BMS

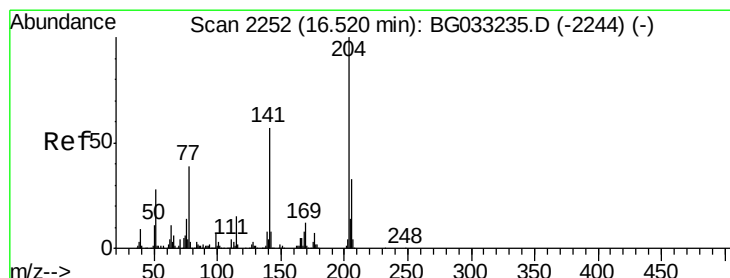
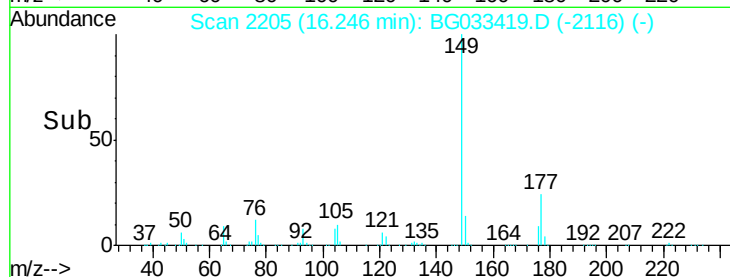
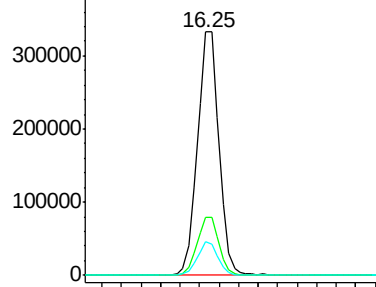
Tot Ion	Ratio	Resp	Lower	Upper
149	100	507983		
177	24.1	18.5	27.7	
150	13.7	10.2	15.2	

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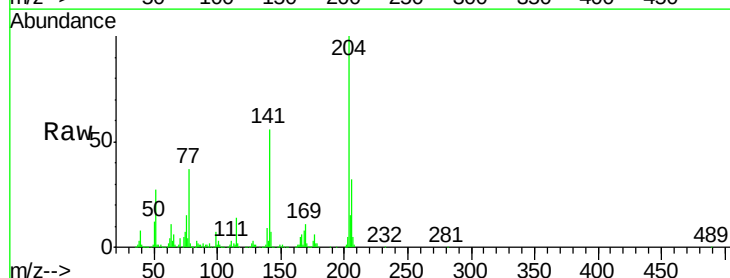


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

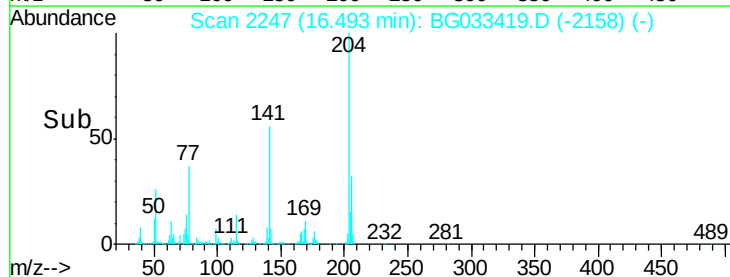
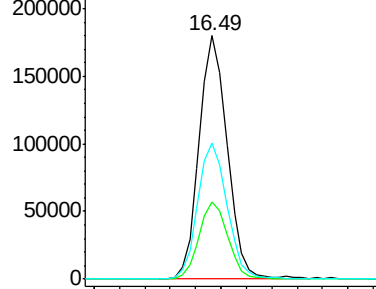


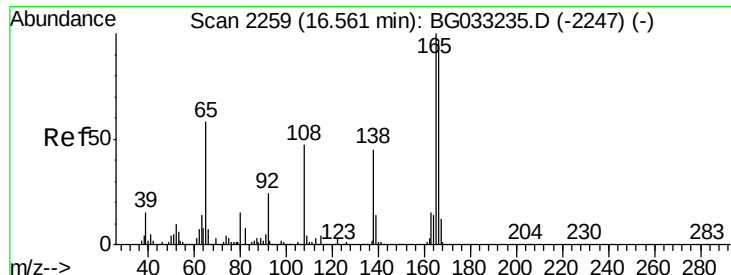
#60
4-Chlorophenyl-phenylether
Concen: 45.666 ng
RT: 16.49 min Scan# 2247
Delta R.T. -0.01 min
Lab File: BG033419.D
Acq: 29 Mar 2018 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	277484		
206	32.0	26.2	39.2	
141	56.0	45.8	68.6	



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





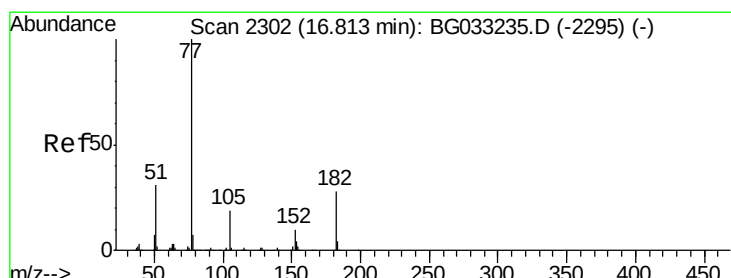
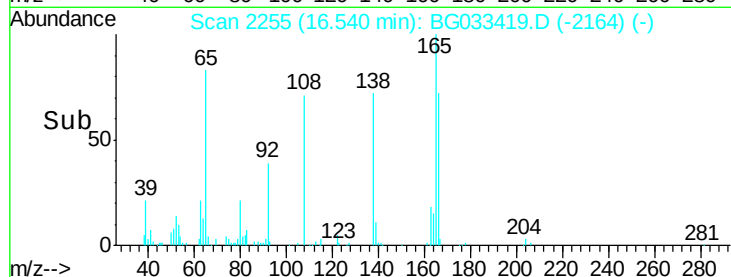
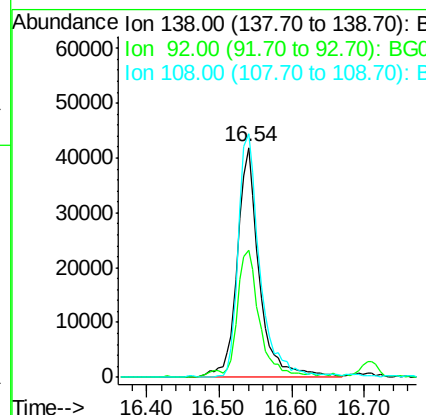
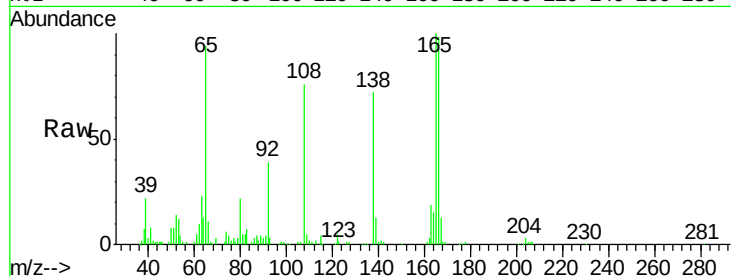
#61
4-Nitroaniline
Concen: 35.837 ng
RT: 16.54 min Scan# 2255
Delta R.T. 0.01 min
Lab File: BG033419.D
Acq: 29 Mar 2018 13:35

Instrument :
BNA_G
ClientSampleId :
CL-02-032718-BMS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	89219		
92	55.1		40.1	80.1
108	105.9		65.4	105.4#

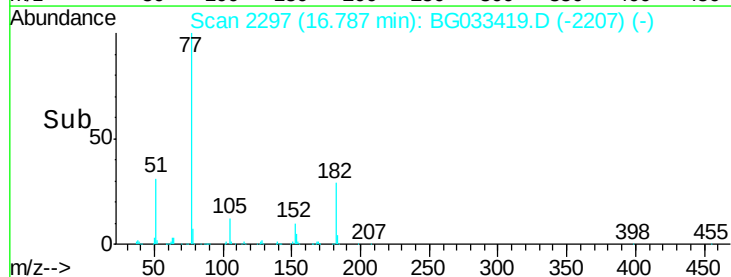
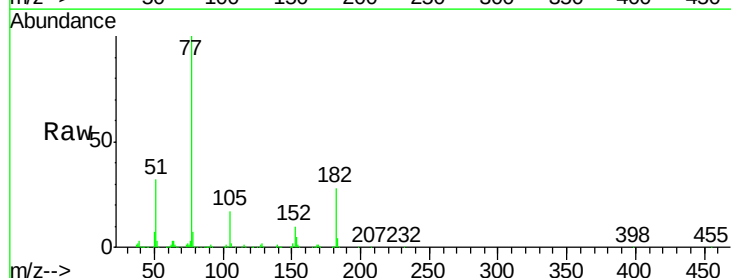
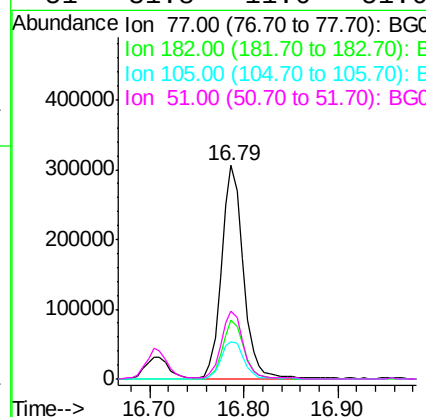
Manual Integrations
APPROVED

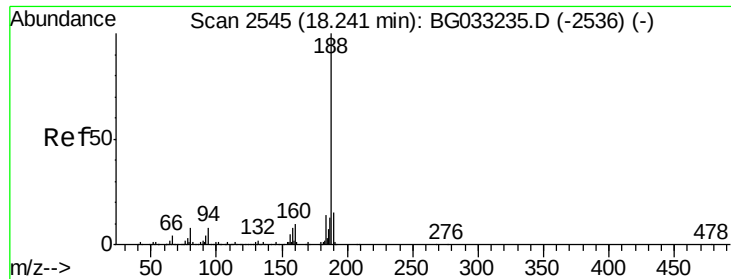
Sohil
3/29/2018 5:39:25 PM



#62
Azobenzene
Concen: 45.672 ng
RT: 16.79 min Scan# 2297
Delta R.T. 0.00 min
Lab File: BG033419.D
Acq: 29 Mar 2018 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	492689		
182	27.5		7.4	47.4
105	17.5		0.3	40.3
51	31.8		11.6	51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.21 min Scan# 2540

Delta R.T. 0.00 min

Lab File: BG033419.D

Acq: 29 Mar 2018 13:35

Instrument :

BNA_G

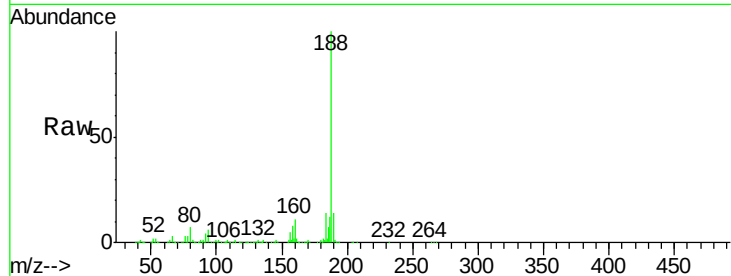
ClientSampleId :

CL-02-032718-BMS

Tot Ion:	188	Resp:	326735
Ion Ratio	Lower	Upper	
188	100		
94	6.1	6.9	10.3#
80	7.5	7.7	11.5#

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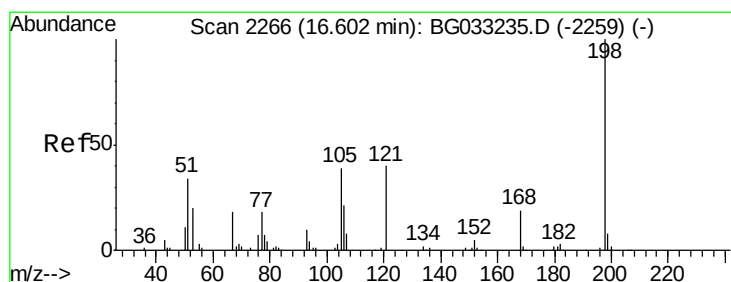
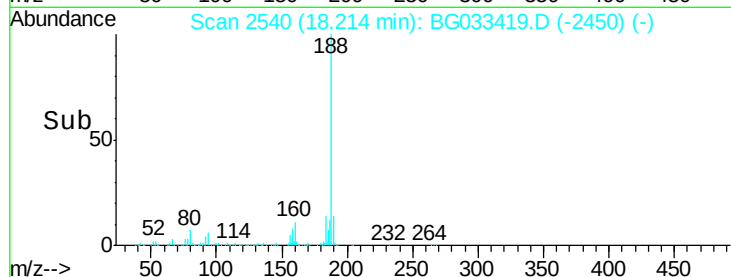
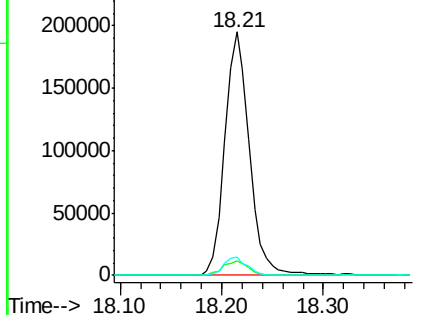
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 22.074 ng

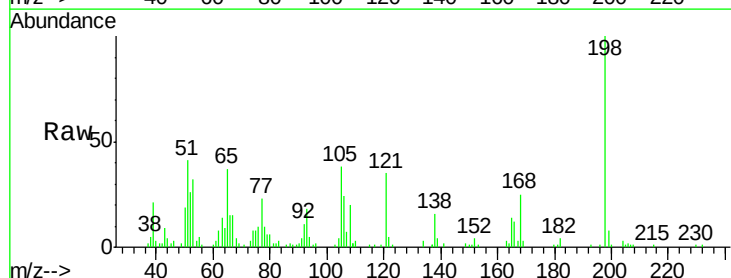
RT: 16.58 min Scan# 2262

Delta R.T. 0.01 min

Lab File: BG033419.D

Acq: 29 Mar 2018 13:35

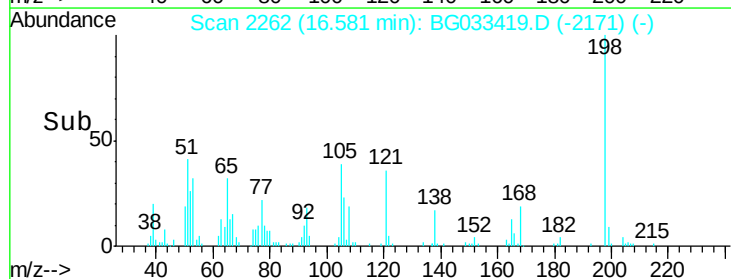
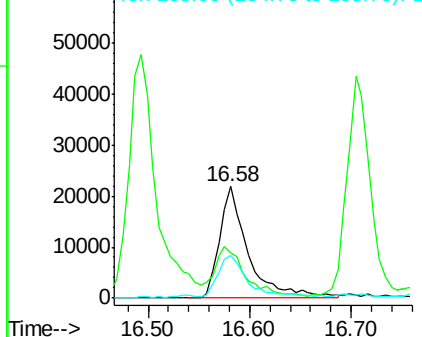
Tgt Ion:	198	Resp:	43146
Ion Ratio	Lower	Upper	
198	100		
51	40.9	30.6	70.6
105	38.4	23.8	63.8

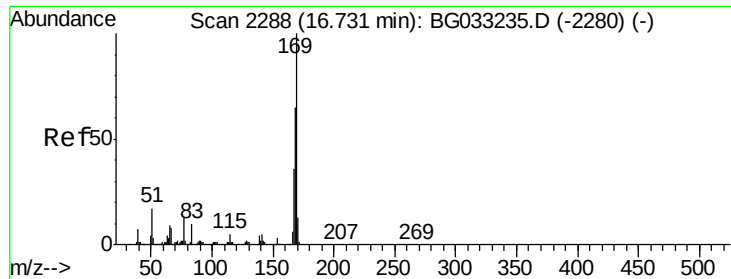


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 47.283 ng

RT: 16.71 min Scan# 2284

Delta R.T. 0.00 min

Lab File: BG033419.D

Acq: 29 Mar 2018 13:35

Instrument :

BNA_G

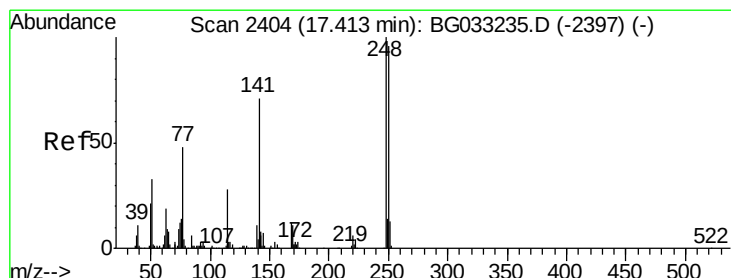
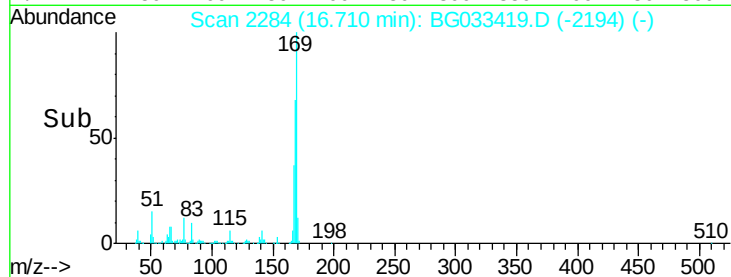
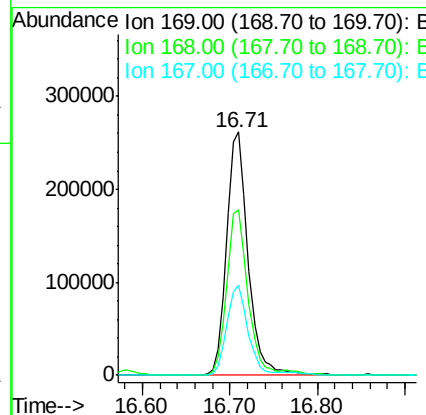
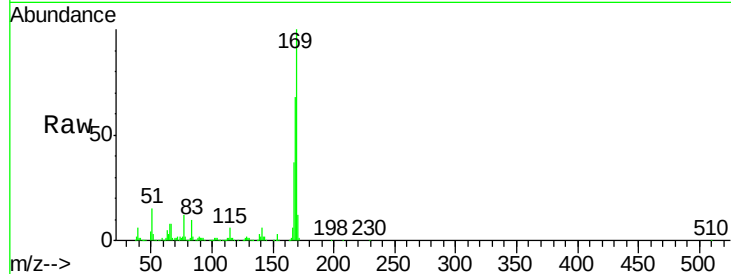
ClientSampleId :

CL-02-032718-BMS

Tot Ion:	169	Resp:	441050
Ion Ratio	Lower	Upper	
169	100		
168	68.0	55.7	83.5
167	37.1	30.1	45.1

Manual Integrations
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#66

4-Bromophenyl-phenylether

Concen: 48.788 ng

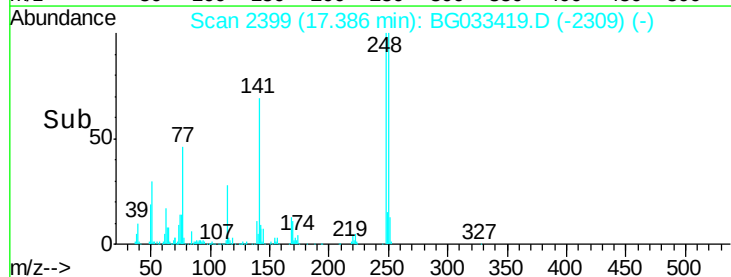
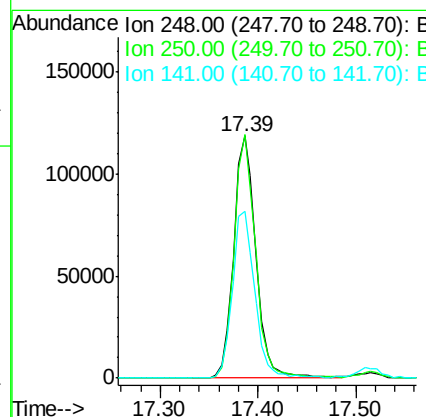
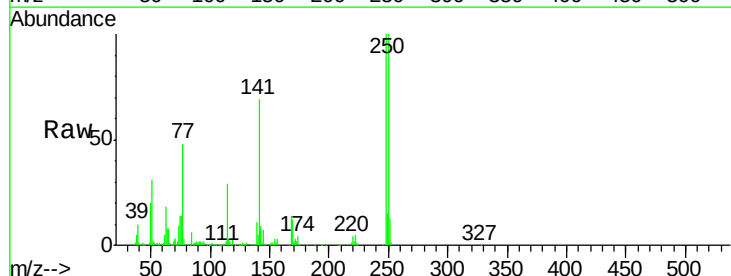
RT: 17.39 min Scan# 2399

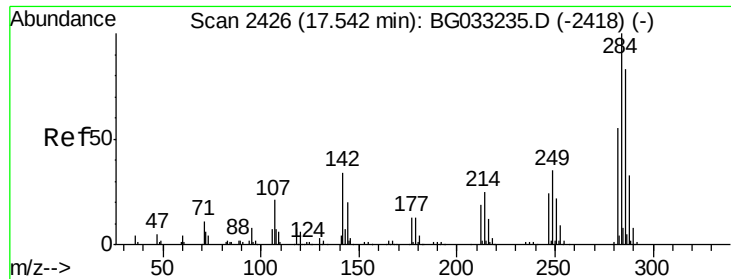
Delta R.T. 0.00 min

Lab File: BG033419.D

Acq: 29 Mar 2018 13:35

Tgt Ion:	248	Resp:	187211
Ion Ratio	Lower	Upper	
248	100		
250	100.5	77.1	115.7
141	69.1	50.8	76.2





#67

Hexachlorobenzene

Concen: 46.585 ng

RT: 17.52 min Scan# 2421

Delta R.T. -0.01 min

Lab File: BG033419.D

Acq: 29 Mar 2018 13:35

Instrument :

BNA_G

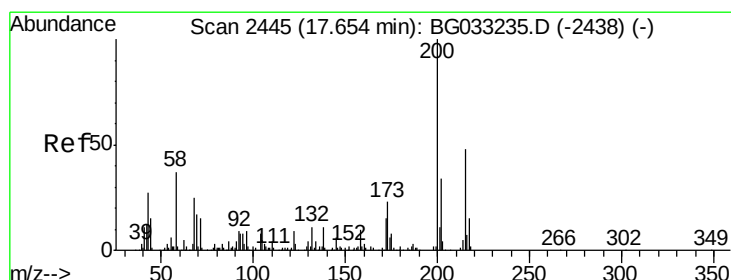
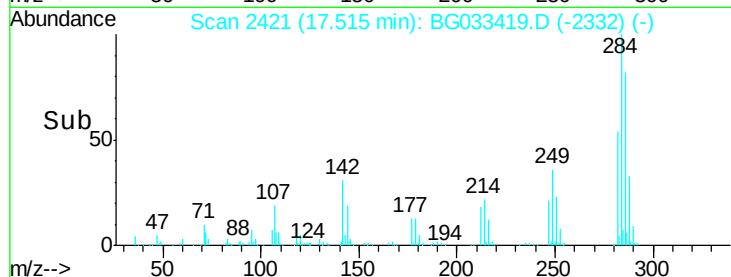
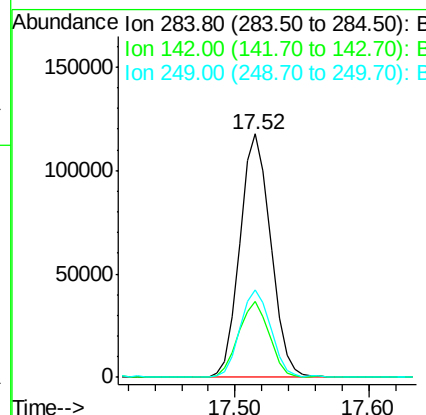
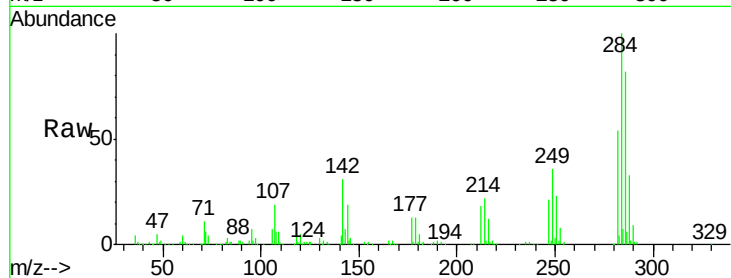
ClientSampleId :

CL-02-032718-BMS

Tot Ion:	284	Resp:	188655
Ion Ratio		Lower	Upper
284	100		
142	31.3	26.8	40.2
249	35.9	26.3	39.5

Manual Integrations
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#68

Atrazine

Concen: 45.057 ng

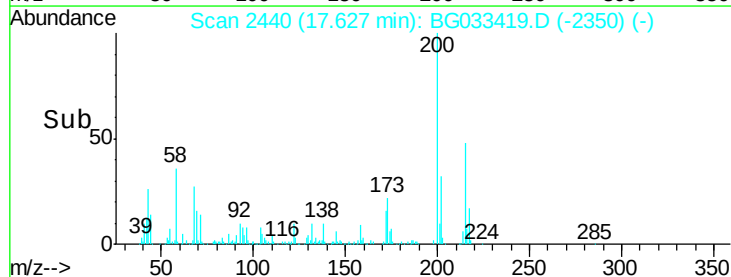
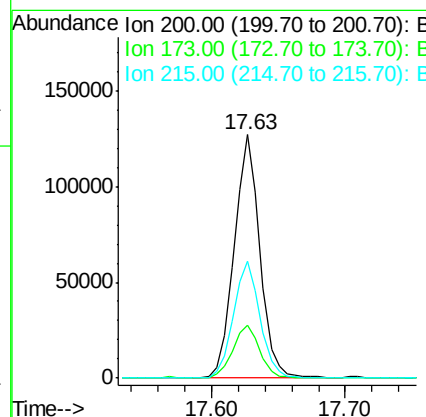
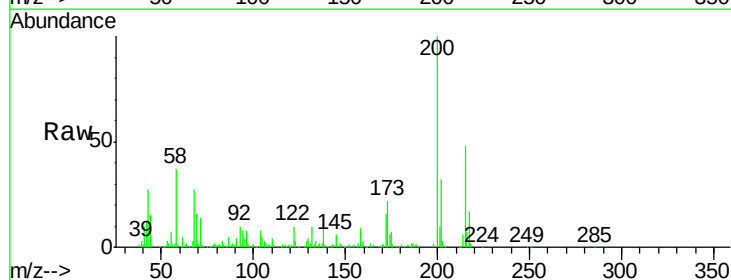
RT: 17.63 min Scan# 2440

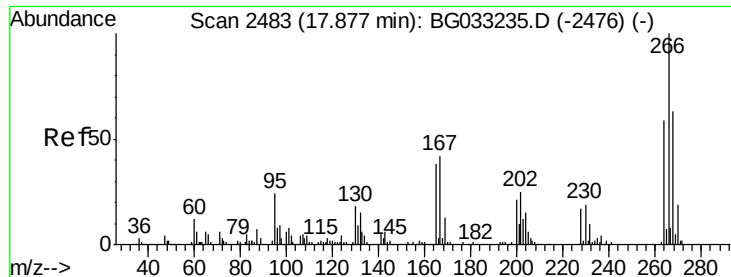
Delta R.T. 0.00 min

Lab File: BG033419.D

Acq: 29 Mar 2018 13:35

Tgt Ion:	200	Resp:	170306
Ion Ratio		Lower	Upper
200	100		
173	21.9	5.2	45.2
215	48.2	30.4	70.4





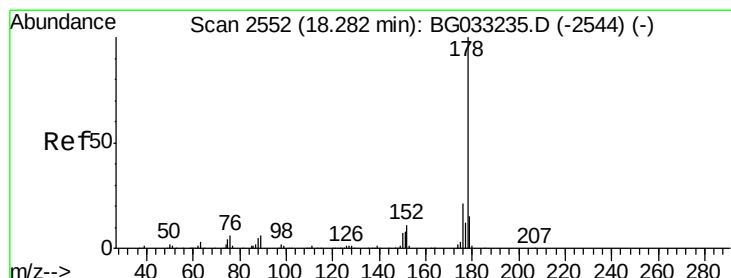
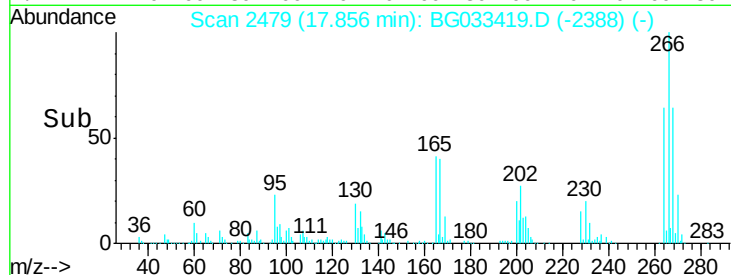
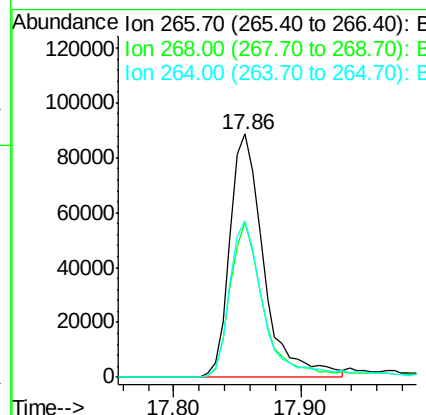
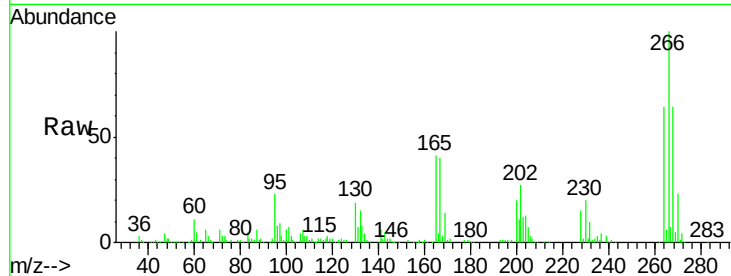
#69
 Pentachlorophenol
 Concen: 59.127 ng
 RT: 17.86 min Scan# 2479
 Delta R.T. 0.01 min
 Lab File: BG033419.D
 Acq: 29 Mar 2018 13:35

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-032718-BMS

Tot Ion:	266	Resp:	164343
Ion Ratio		Lower	Upper
266	100		
268	63.6	51.1	76.7
264	64.5	49.6	74.4

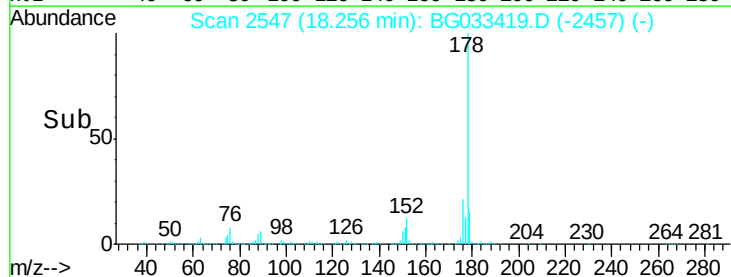
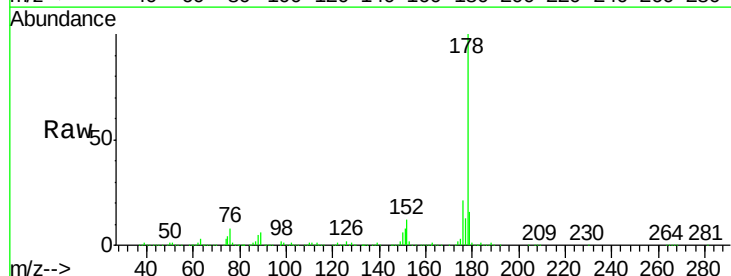
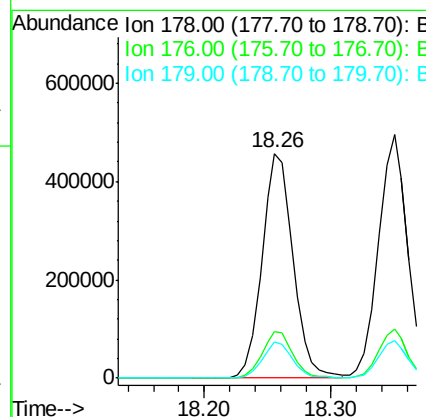
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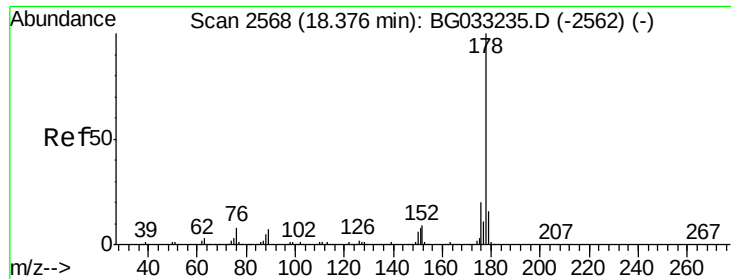
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#70
 Phenanthrene
 Concen: 45.698 ng
 RT: 18.26 min Scan# 2547
 Delta R.T. 0.00 min
 Lab File: BG033419.D
 Acq: 29 Mar 2018 13:35

Tgt Ion:	178	Resp:	777612
Ion Ratio		Lower	Upper
178	100		
176	20.8	15.7	23.5
179	16.3	12.5	18.7





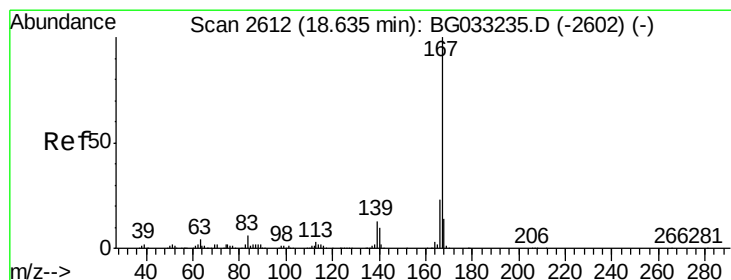
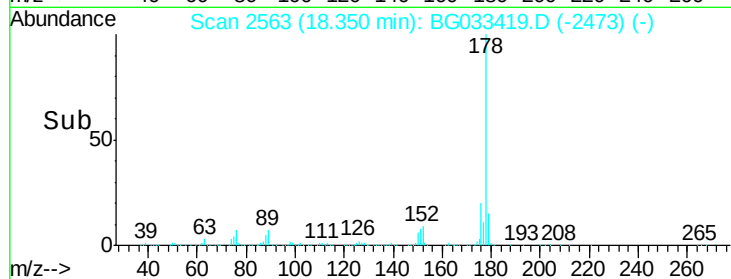
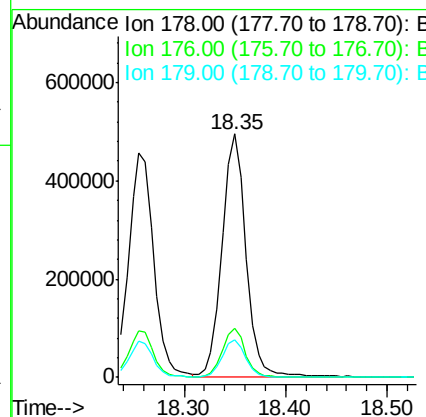
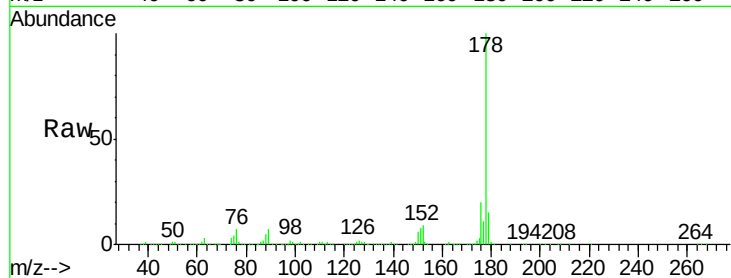
#71
 Anthracene
 Concen: 46.915 ng
 RT: 18.35 min Scan# 2563
 Delta R.T. 0.00 min
 Lab File: BG033419.D
 Acq: 29 Mar 2018 13:35

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-032718-BMS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.0	24.0
179	15.4	12.5	18.7

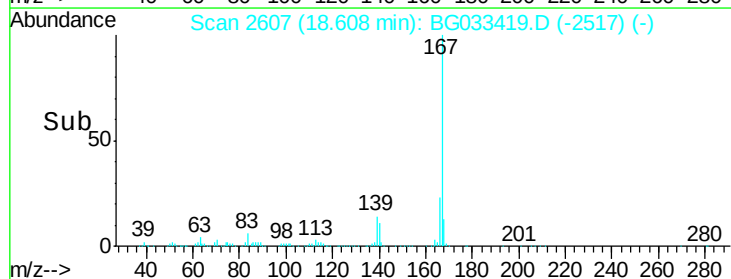
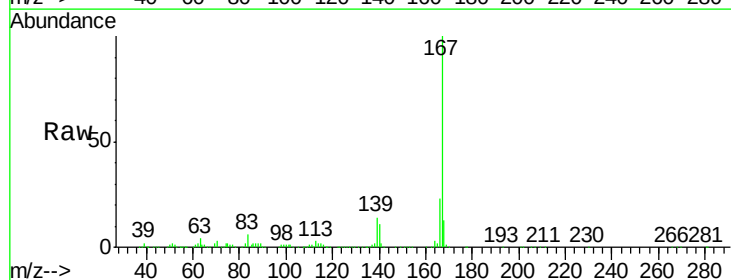
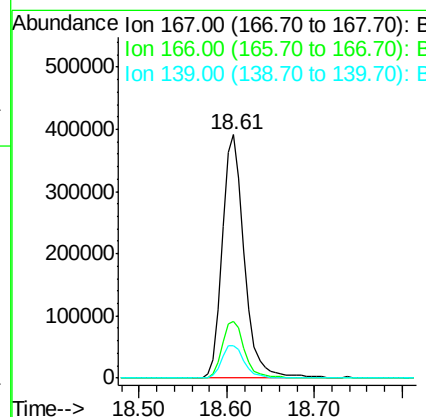
Manual Integrations
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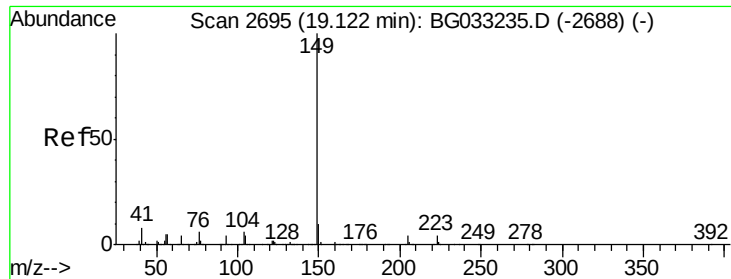
Sohil
 3/29/2018 5:39:25 PM



#72
 Carbazole
 Concen: 44.687 ng
 RT: 18.61 min Scan# 2607
 Delta R.T. 0.00 min
 Lab File: BG033419.D
 Acq: 29 Mar 2018 13:35

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.3	18.2	27.4
139	13.6	9.4	14.2





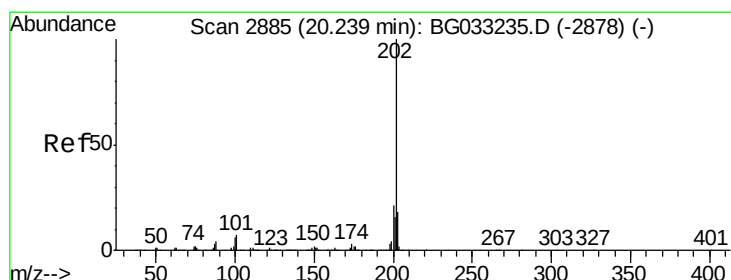
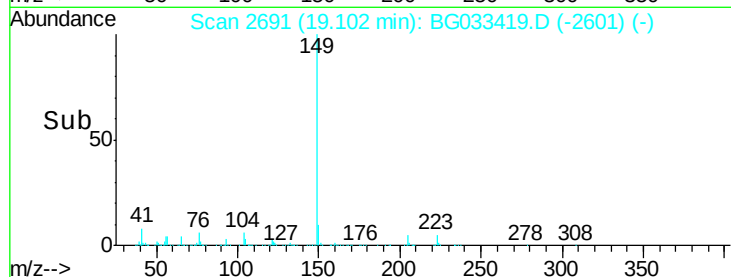
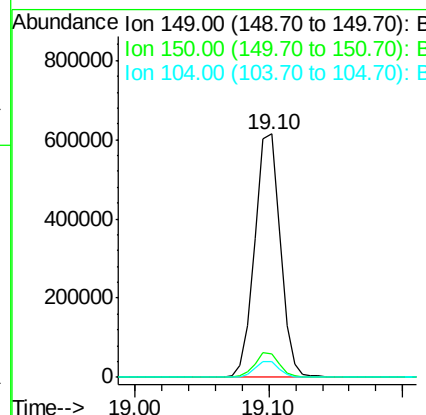
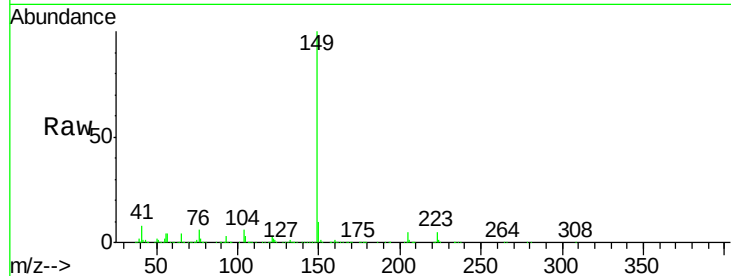
#73
Di-n-butylphthalate
Concen: 45.416 ng
RT: 19.10 min Scan# 2691
Delta R.T. 0.00 min
Lab File: BG033419.D
Acq: 29 Mar 2018 13:35

Instrument :
BNA_G
ClientSampleId :
CL-02-032718-BMS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.6	7.8	11.6	
104	6.3	3.9	5.9	

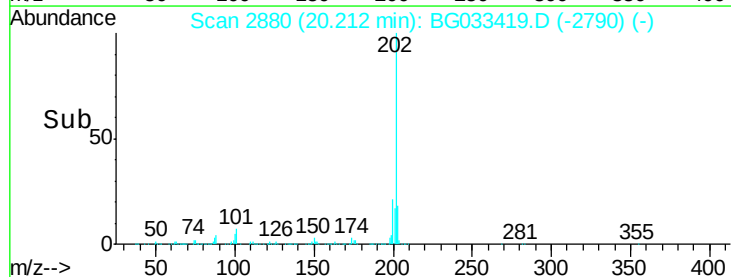
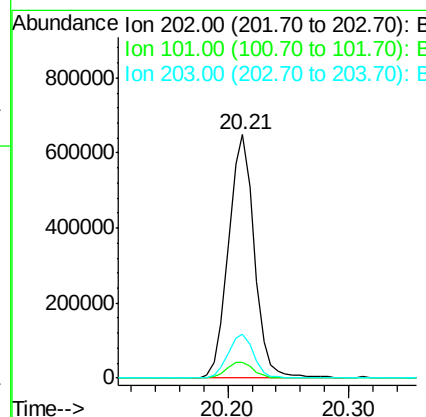
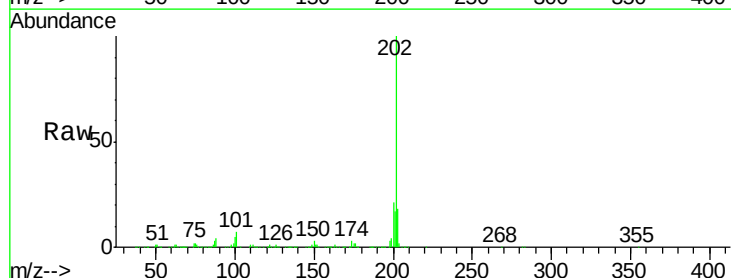
Manual Integrations
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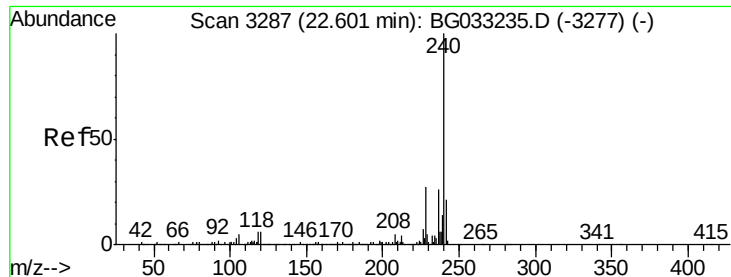
Sohil
3/29/2018 5:39:25 PM



#74
Fluoranthene
Concen: 45.511 ng
RT: 20.21 min Scan# 2880
Delta R.T. 0.00 min
Lab File: BG033419.D
Acq: 29 Mar 2018 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	6.7	0.0	28.9	
203	18.0	0.0	37.5	





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.56 min Scan# 3280

Delta R.T. 0.00 min

Lab File: BG033419.D

Acq: 29 Mar 2018 13:35

Instrument :

BNA_G

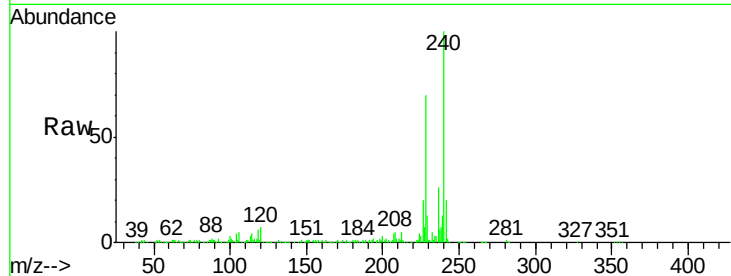
ClientSampleId :

CL-02-032718-BMS

Tot Ion:	240	Resp:	334359
Ion Ratio	Lower	Upper	
240	100		
120	7.0	6.8	10.2
236	26.4	20.9	31.3

Manual Integrations
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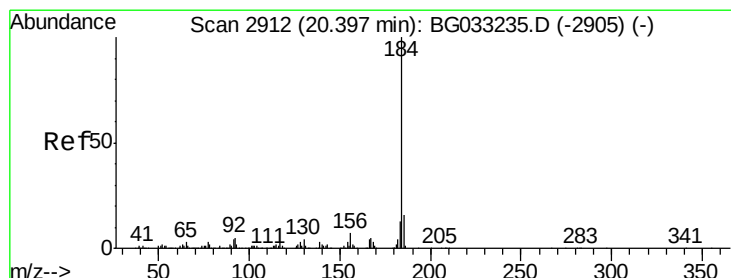
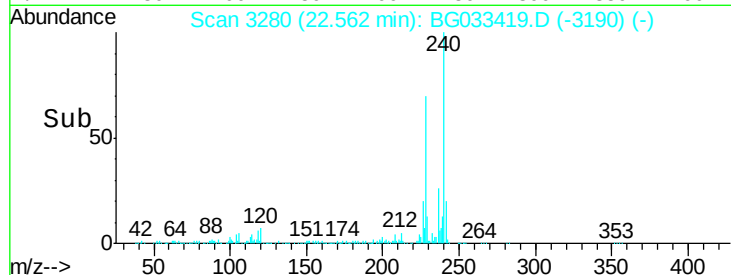
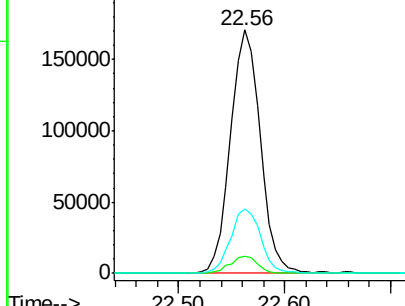
Sohil
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 3.083 ng

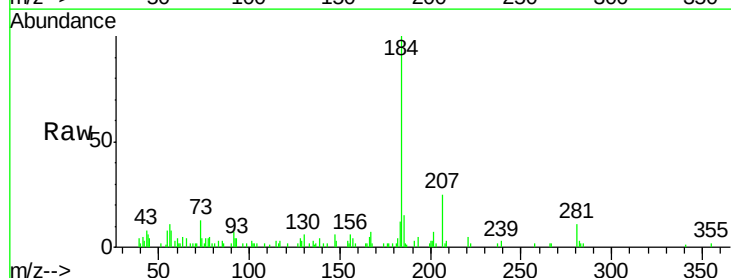
RT: 20.38 min Scan# 2908

Delta R.T. 0.01 min

Lab File: BG033419.D

Acq: 29 Mar 2018 13:35

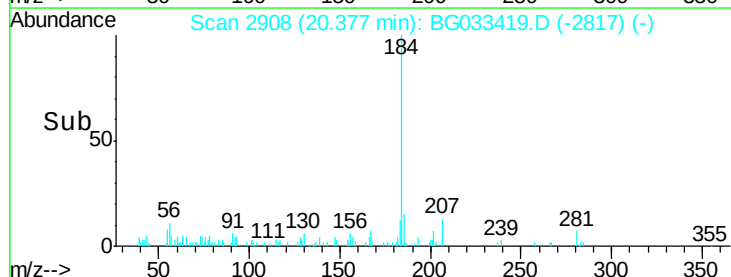
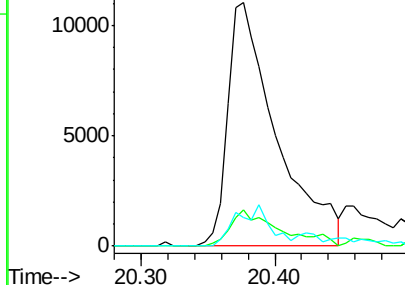
Tgt Ion:	184	Resp:	27954
Ion Ratio	Lower	Upper	
184	100		
185	14.8	11.1	16.7
183	11.6	10.6	16.0

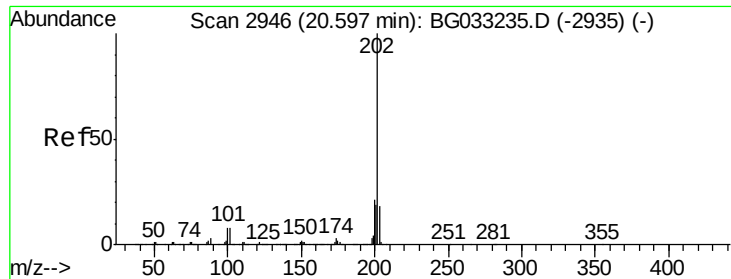


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





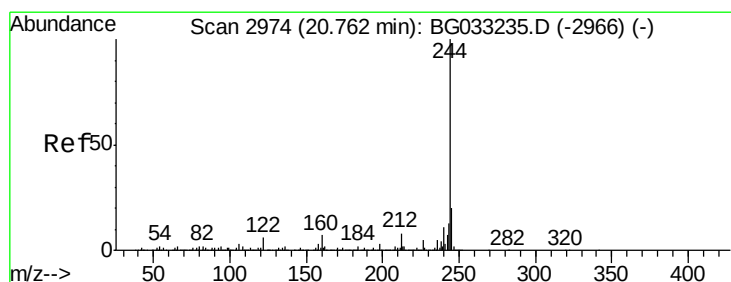
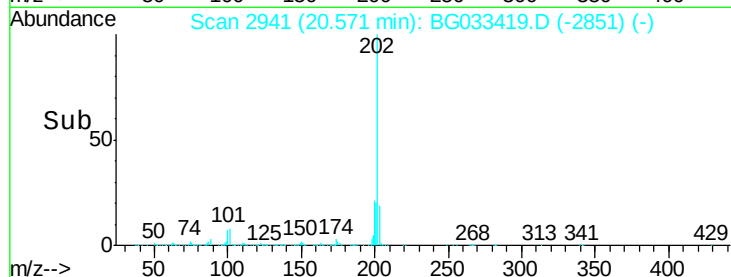
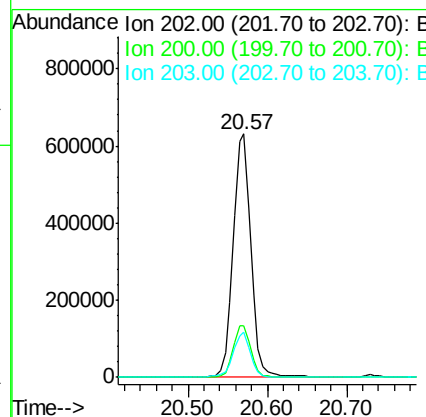
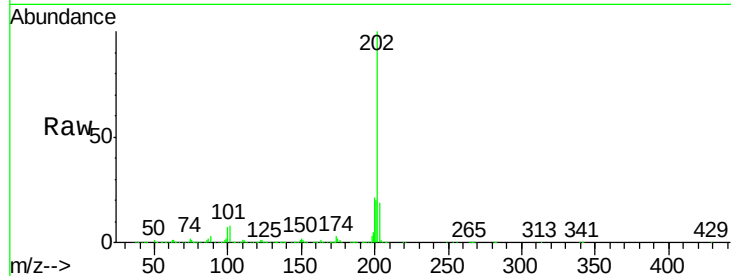
#77
Pvrene
Concen: 43.714 ng
RT: 20.57 min Scan# 2941
Delta R.T. 0.00 min
Lab File: BG033419.D
Acq: 29 Mar 2018 13:35

Instrument :
BNA_G
ClientSampleId :
CL-02-032718-BMS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.9	25.3
203	18.7	13.9	20.9

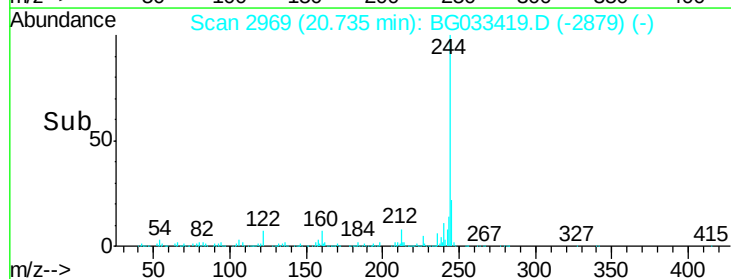
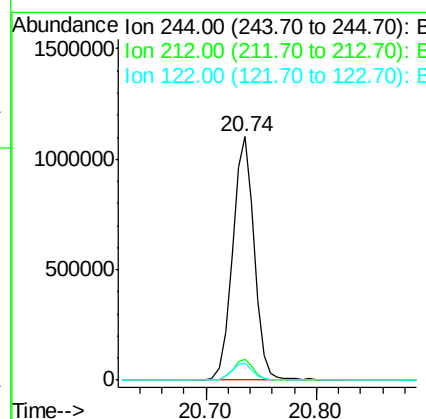
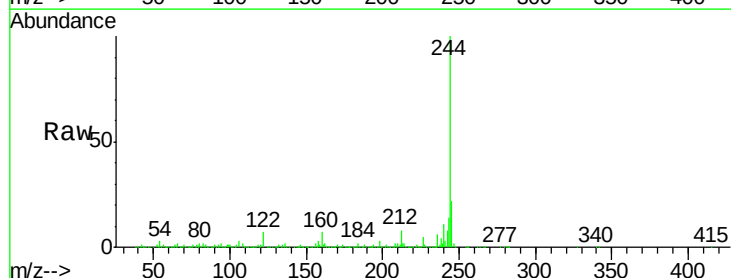
Manual Integrations
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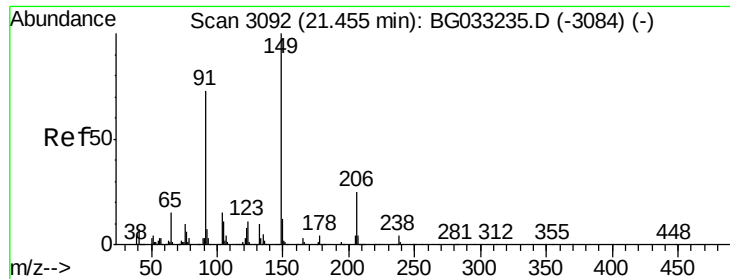
Sohil
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#78
Terphenyl-d14
Concen: 96.580 ng
RT: 20.74 min Scan# 2969
Delta R.T. 0.00 min
Lab File: BG033419.D
Acq: 29 Mar 2018 13:35

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.4	5.8	8.8
122	7.1	7.0	10.4





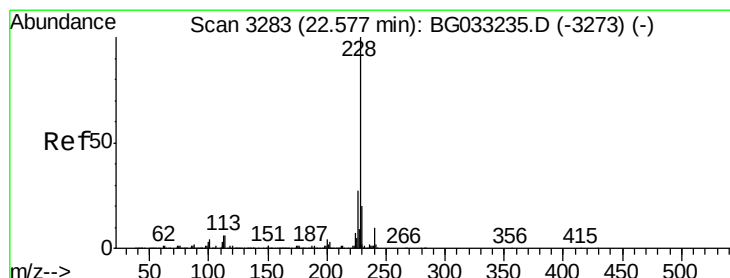
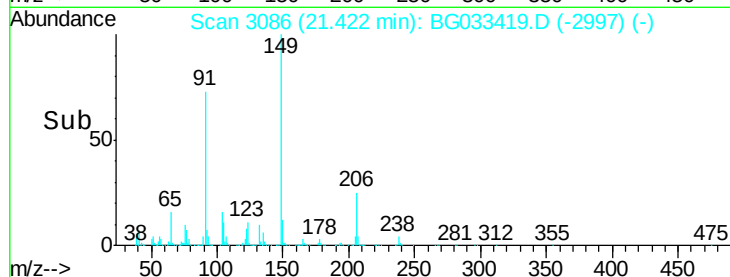
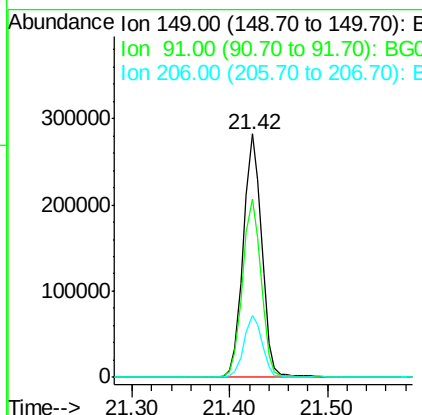
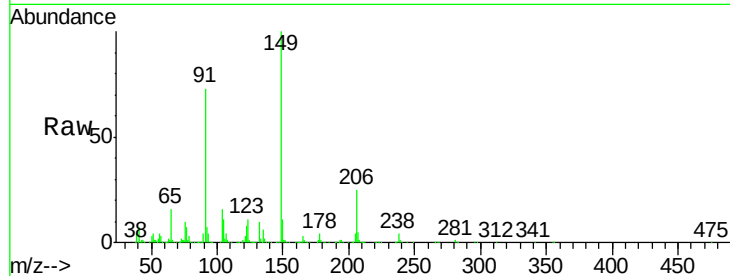
#79
Butylbenzylphthalate
Concen: 45.439 ng
RT: 21.42 min Scan# 3086
Delta R.T. -0.01 min
Lab File: BG033419.D
Acq: 29 Mar 2018 13:35

Instrument :
BNA_G
ClientSampleId :
CL-02-032718-BMS

Tot Ion	Ratio	Lower	Upper
149	100		
91	73.2	62.2	93.2
206	25.3	18.6	27.8

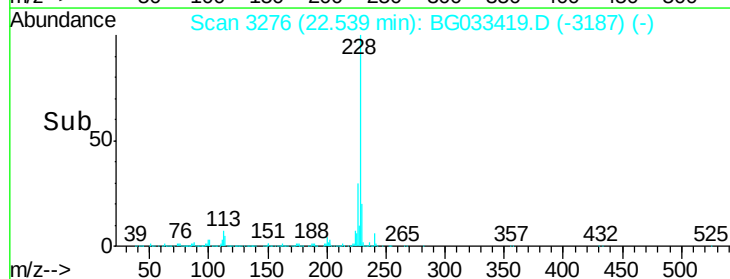
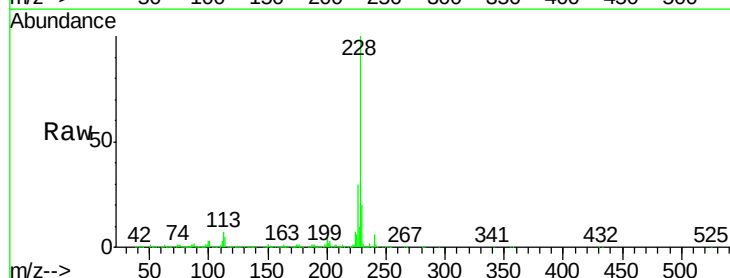
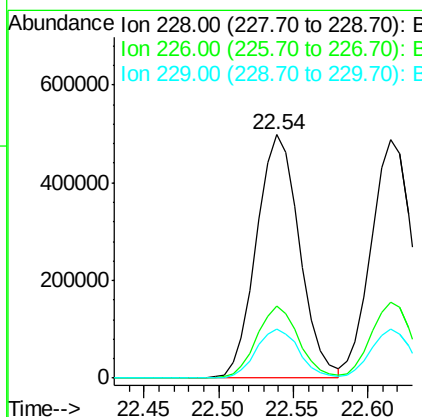
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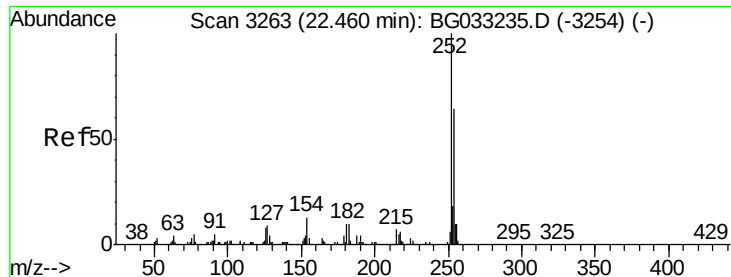
Sohil
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#80
Benzo(a)anthracene
Concen: 46.824 ng
RT: 22.54 min Scan# 3276
Delta R.T. -0.01 min
Lab File: BG033419.D
Acq: 29 Mar 2018 13:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	22.7	34.1
229	20.4	16.2	24.2





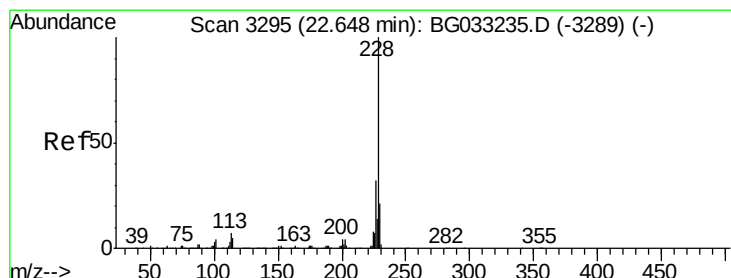
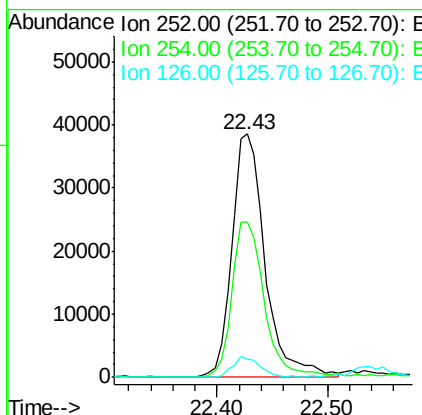
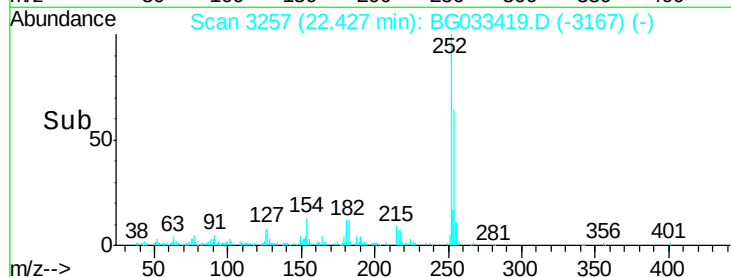
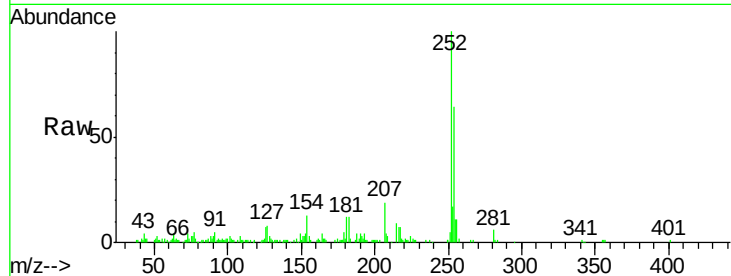
#81
 3,3'-Dichlorobenzidine
 Concen: 10.679 ng
 RT: 22.43 min Scan# 3257
 Delta R.T. 0.00 min
 Lab File: BG033419.D
 Acq: 29 Mar 2018 13:35

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-032718-BMS

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.6	50.8	76.2
126	7.3	7.4	11.2

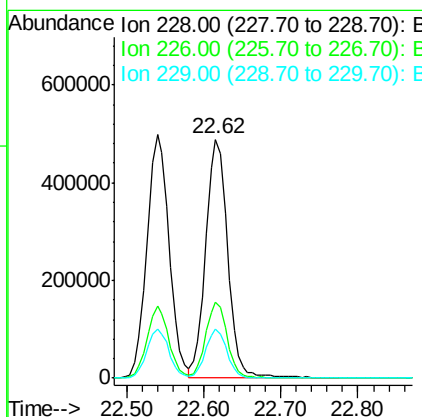
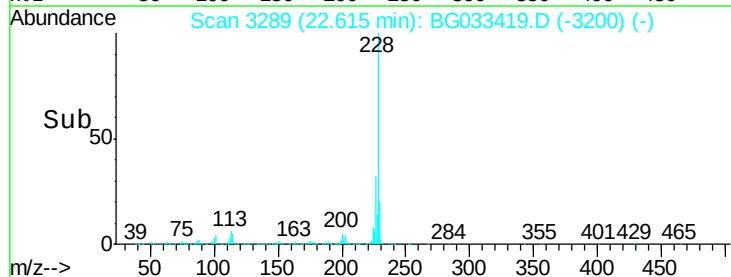
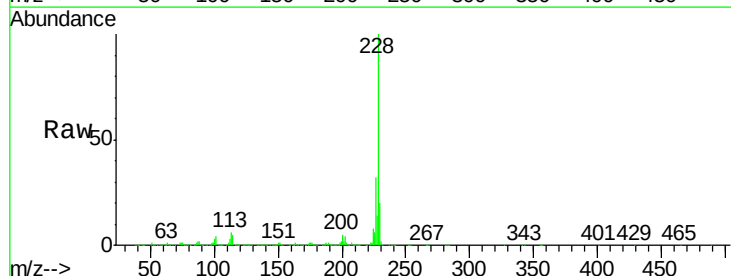
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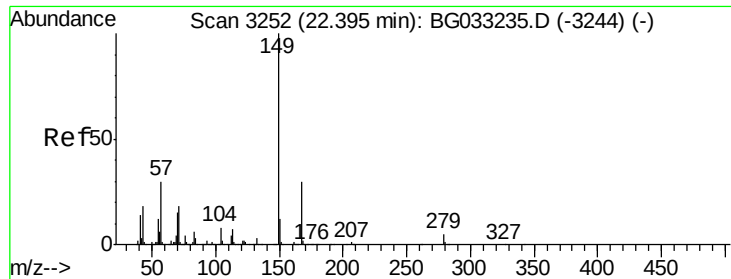
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#82
 Chrysene
 Concen: 46.263 ng
 RT: 22.62 min Scan# 3289
 Delta R.T. -0.01 min
 Lab File: BG033419.D
 Acq: 29 Mar 2018 13:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.9	37.3
229	20.5	15.0	22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.621 ng

RT: 22.36 min Scan# 3245

Delta R.T. -0.01 min

Lab File: BG033419.D

Acq: 29 Mar 2018 13:35

Instrument :

BNA_G

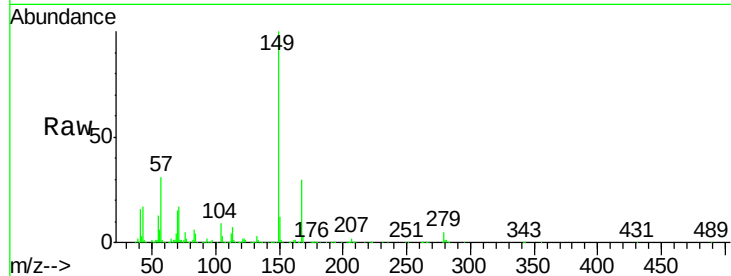
ClientSampleId :

CL-02-032718-BMS

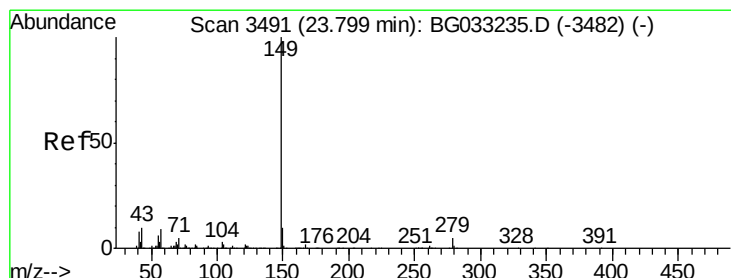
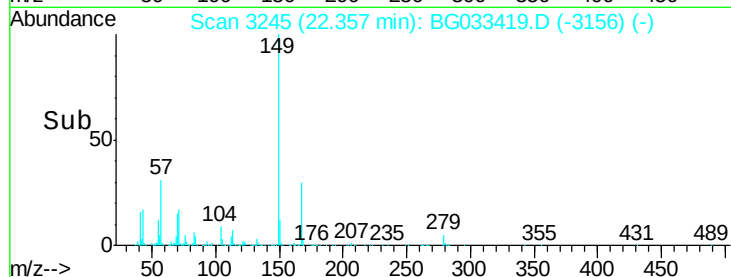
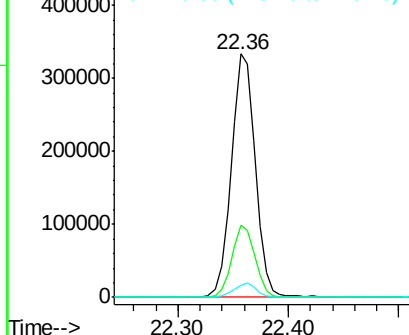
Tot Ion:	149	Resp:	506170
Ion Ratio	Lower	Upper	
149	100		
167	29.6	24.3	36.5
279	5.1	4.0	6.0

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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



#84

Di-n-octyl phthalate

Concen: 51.549 ng

RT: 23.76 min Scan# 3483

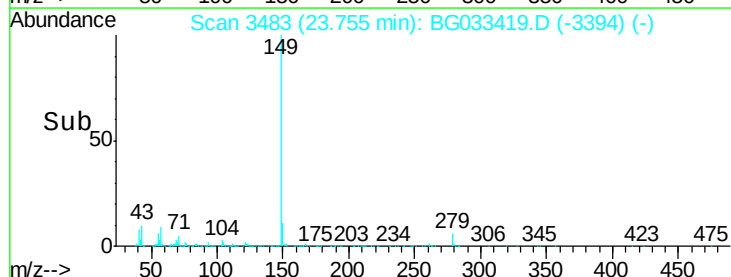
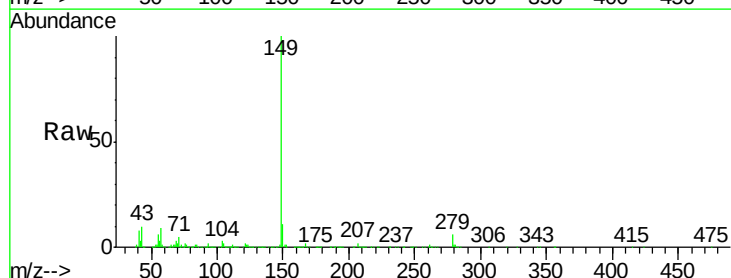
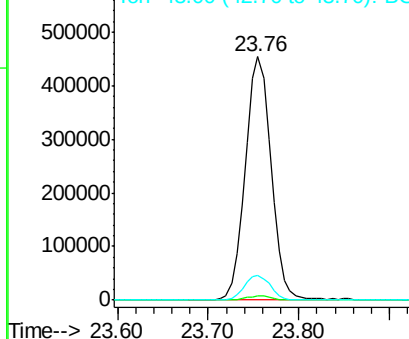
Delta R.T. -0.01 min

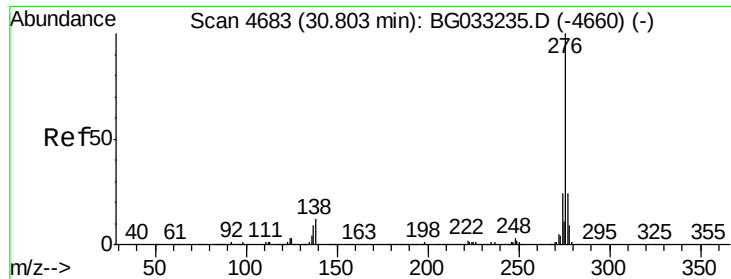
Lab File: BG033419.D

Acq: 29 Mar 2018 13:35

Tgt Ion:	149	Resp:	895354
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.4	2.0
43	10.2	8.9	13.3

Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BG





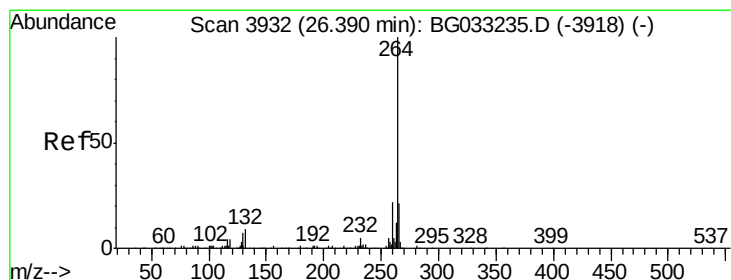
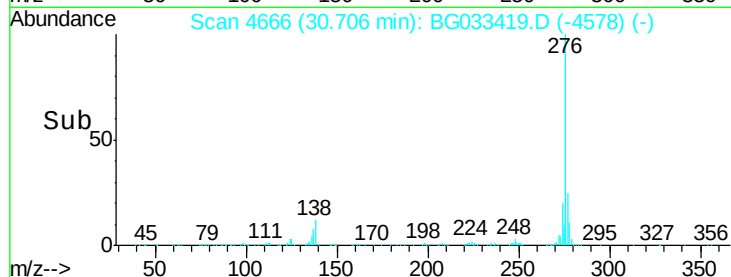
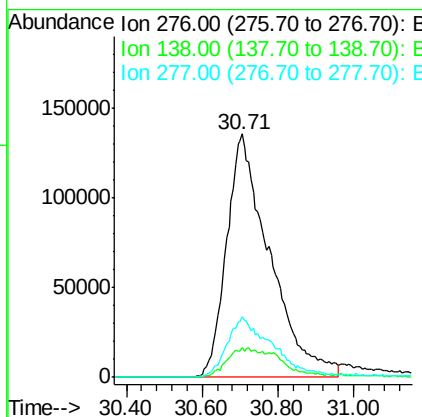
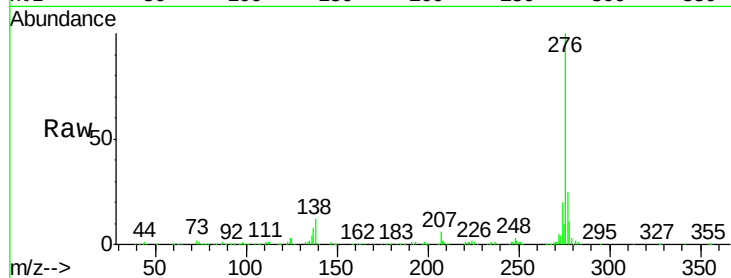
#85
Indeno(1,2,3-cd)pyrene
Concen: 47.914 ng
RT: 30.71 min Scan# 4666
Delta R.T. -0.01 min
Lab File: BG033419.D
Acq: 29 Mar 2018 13:35

Instrument :
BNA_G
ClientSampleId :
CL-02-032718-BMS

Tot Ion	Ratio	Lower	Upper
276	100		
138	5.1	16.0	24.0#
277	25.0	20.0	30.0

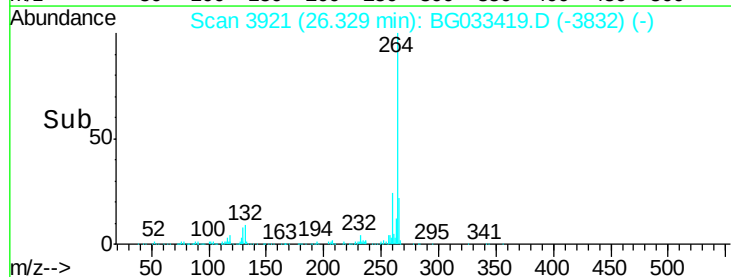
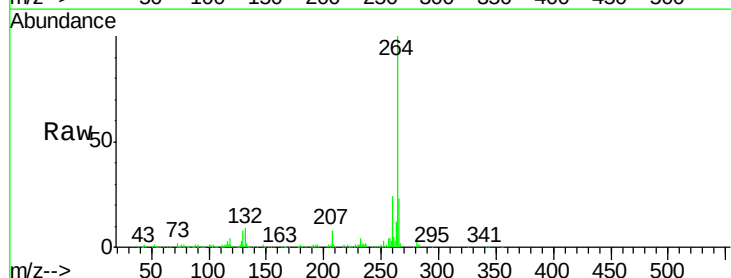
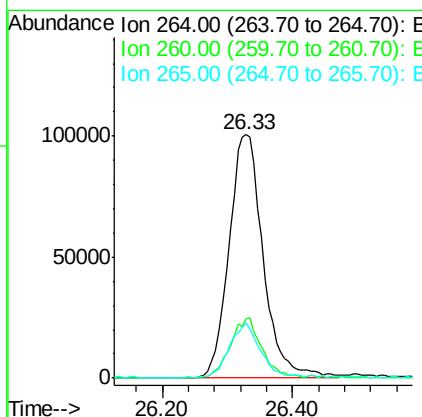
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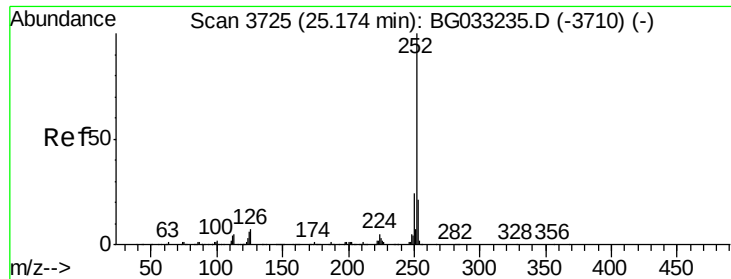
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 26.33 min Scan# 3921
Delta R.T. -0.01 min
Lab File: BG033419.D
Acq: 29 Mar 2018 13:35

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	17.4	26.0
265	22.6	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 45.583 ng

RT: 25.12 min Scan# 3715

Delta R.T. 0.00 min

Lab File: BG033419.D

Acq: 29 Mar 2018 13:35

Instrument :

BNA_G

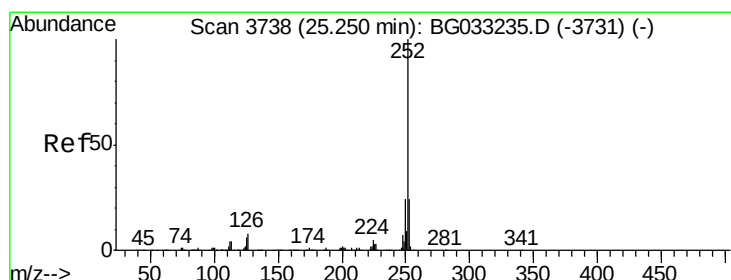
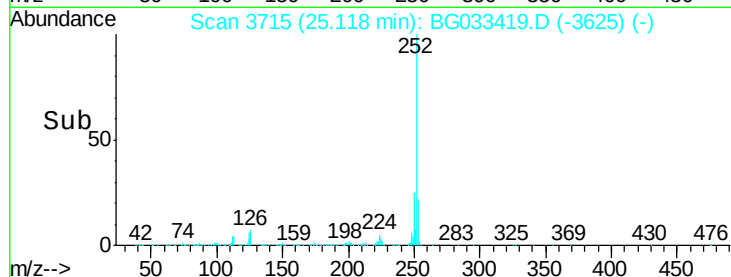
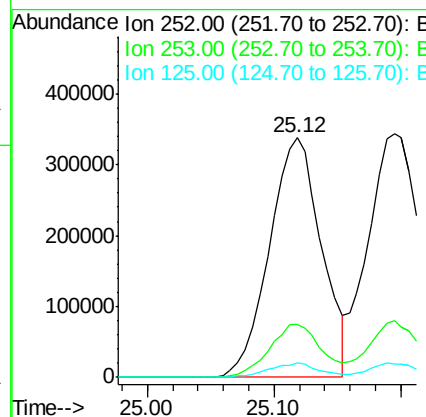
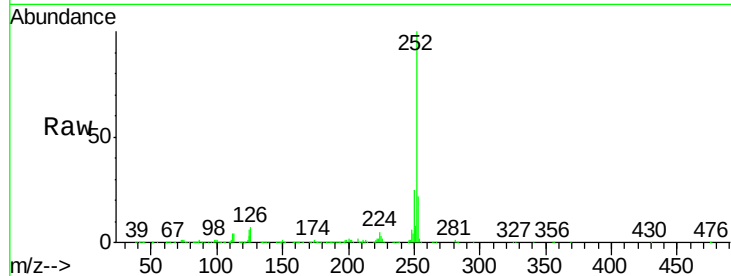
ClientSampleId :

CL-02-032718-BMS

Tot Ion:	252	Resp:	963179
Ion Ratio	Lower	Upper	
252	100		
253	21.9	18.2	27.4
125	5.9	7.2	10.8#

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 47.736 ng

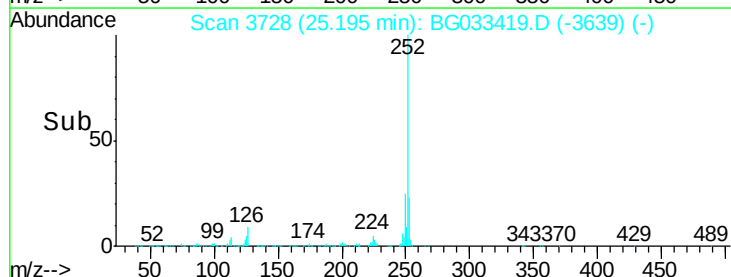
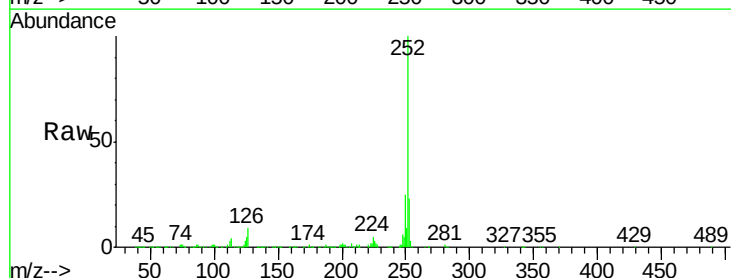
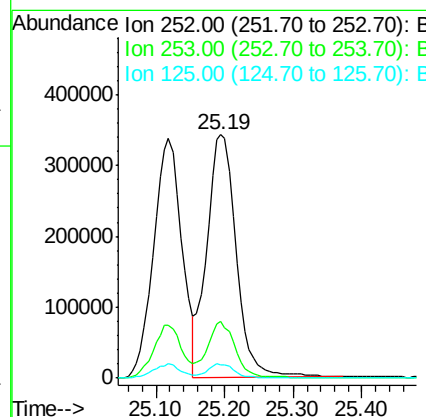
RT: 25.19 min Scan# 3728

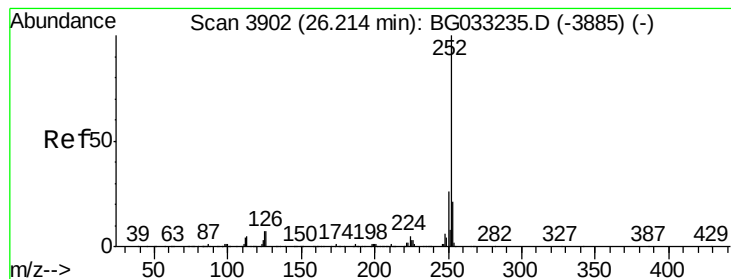
Delta R.T. -0.01 min

Lab File: BG033419.D

Acq: 29 Mar 2018 13:35

Tgt Ion:	252	Resp:	1020150
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.4	26.2
125	5.4	6.6	9.8#





#89

Benzo(a)pyrene

Concen: 47.759 ng

RT: 26.15 min Scan# 3890

Delta R.T. -0.01 min

Lab File: BG033419.D

Acq: 29 Mar 2018 13:35

Instrument :

BNA_G

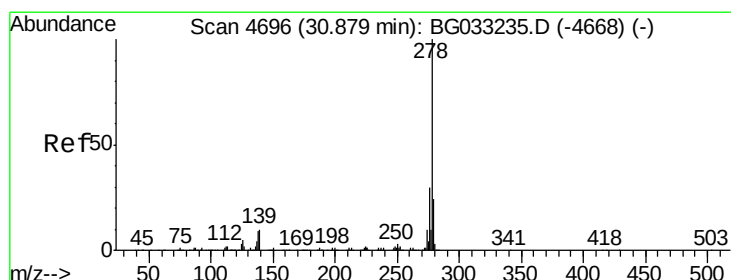
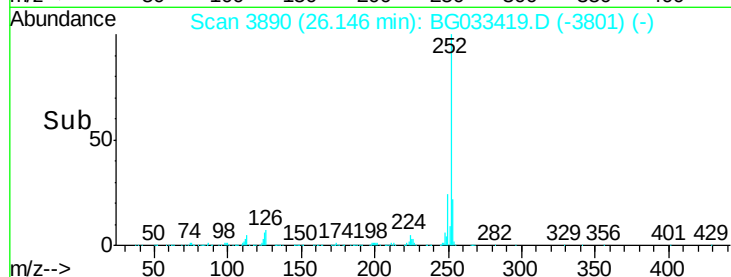
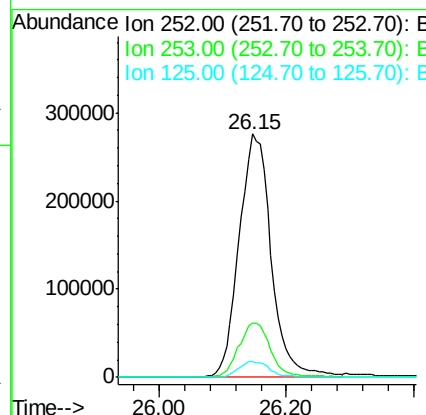
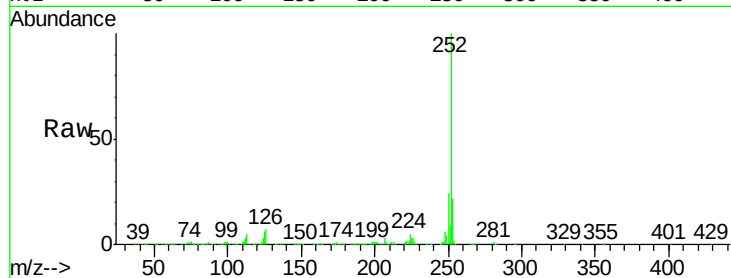
ClientSampleId :

CL-02-032718-BMS

Tot Ion:	252	Resp:	969123
Ion Ratio	Lower	Upper	
252	100		
253	22.4	18.3	27.5
125	6.5	7.3	10.9#

Manual Integrations
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#90

Dibenzo(a,h)anthracene

Concen: 45.287 ng

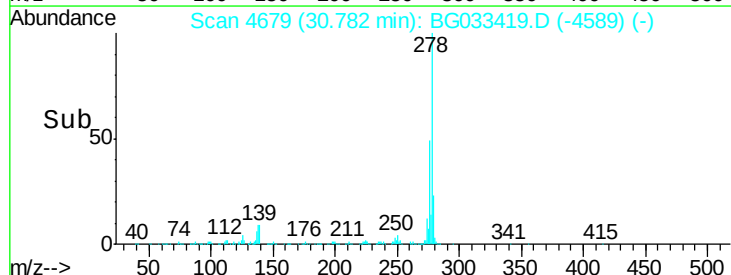
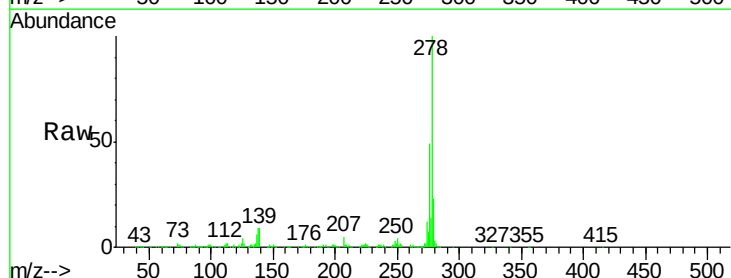
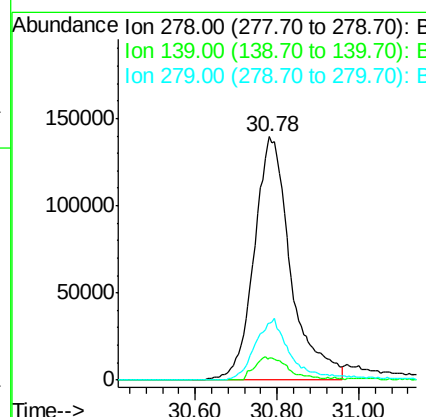
RT: 30.78 min Scan# 4679

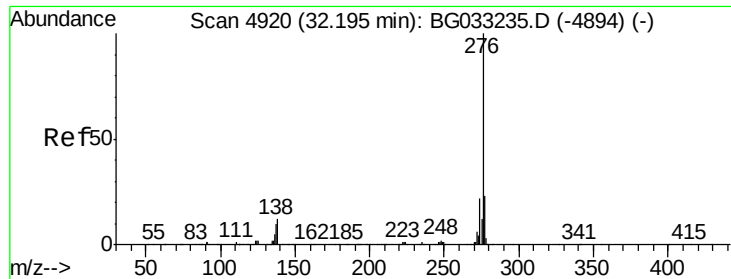
Delta R.T. 0.00 min

Lab File: BG033419.D

Acq: 29 Mar 2018 13:35

Tgt Ion:	278	Resp:	865624
Ion Ratio	Lower	Upper	
278	100		
139	8.9	9.8	14.6#
279	23.1	18.4	27.6





#91
 Benzo(a,h,i)perylene
 Concen: 42.947 ng
 RT: 32.07 min Scan# 4899
 Delta R.T. -0.01 min
 Lab File: BG033419.D
 Acq: 29 Mar 2018 13:35

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-032718-BMS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.3	27.5
138	12.3	13.9	20.9

Manual Integrations
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 3/29/2018 5:39:25 PM

