

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041619\
 Data File : BG040504.D
 Acq On : 16 Apr 2019 15:28
 Operator : JU/SJ
 Sample : K2423-09MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP3-AMS

Manual Integrations
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 4/17/2019 3:33:36 PM

Quant Time: Apr 16 18:48:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 13 00:33:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	52753	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	218755	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	143166	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	358714	20.00	ng	0.00
76) Chrysene-d12	21.70	240	315685	20.00	ng	0.00
87) Perylene-d12	24.97	264	351575	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	400425	126.19	ng	0.00
7) Phenol-d6	7.20	99	568163	129.55	ng	0.00
23) Nitrobenzene-d5	9.22	82	340615	82.76	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	208451	134.72	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	728973	75.45	ng	0.00
79) Terphenyl-d14	20.02	244	1119231	79.76	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	49412	33.115	ng	99
3) Pyridine	3.89	79	125542	31.249	ng	97
4) n-Nitrosodimethylamine	3.82	42	69119	37.194	ng	# 93
6) Aniline	7.37	93	153779	26.989	ng	97
8) 2-Chlorophenol	7.61	128	141556	38.108	ng	99
9) Benzaldehyde	7.19	77	51533	17.131	ng	97
10) Phenol	7.23	94	189391	39.787	ng	99
11) bis(2-Chloroethyl)ether	7.46	93	134802	35.357	ng	99
12) 1,3-Dichlorobenzene	7.93	146	132149	32.726	ng	96
13) 1,4-Dichlorobenzene	8.08	146	138669	34.479	ng	98
14) 1,2-Dichlorobenzene	8.39	146	131019	34.066	ng	98
15) Benzyl Alcohol	8.28	79	126661	35.862	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.56	45	268655	36.716	ng	97
17) 2-Methylphenol	8.48	107	128047	38.874	ng	96
18) Hexachloroethane	9.12	117	48844	31.928	ng	98
19) n-Nitroso-di-n-propylamine	8.85	70	111584	35.488	ng	99
20) 3+4-Methylphenols	8.81	107	175931	39.427	ng	100
22) Acetophenone	8.87	105	217473	39.854	ng	# 98
24) Nitrobenzene	9.26	77	166139	38.984	ng	96
25) Isophorone	9.77	82	322156	38.044	ng	99
26) 2-Nitrophenol	9.97	139	78223	38.736	ng	95
27) 2,4-Dimethylphenol	10.01	122	150497	46.918	ng	96
28) bis(2-Chloroethoxy)methane	10.26	93	194289	38.781	ng	97
29) 2,4-Dichlorophenol	10.50	162	144042	41.371	ng	99
30) 1,2,4-Trichlorobenzene	10.71	180	141815	37.095	ng	99
31) Naphthalene	10.91	128	432667	38.587	ng	100
32) Benzoic acid	10.21	122	13865m	7.154	ng	
33) 4-Chloroaniline	11.03	127	122058	25.520	ng	96
34) Hexachlorobutadiene	11.17	225	83660	34.217	ng	93
35) Caprolactam	11.81	113	54507	39.450	ng	98
36) 4-Chloro-3-methylphenol	12.14	107	173273	43.290	ng	99
37) 2-Methylnaphthalene	12.51	142	328700	39.637	ng	100
38) 1-Methylnaphthalene	12.73	142	313022	38.926	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	166980	36.696	ng	98

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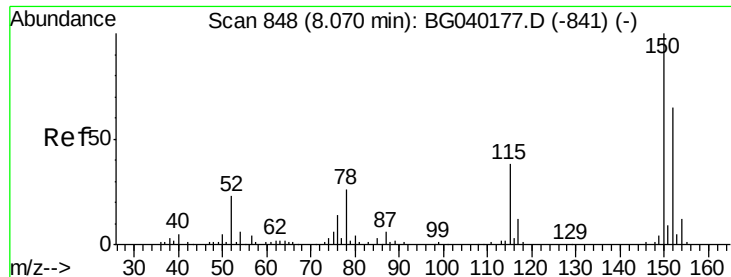
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	168936	67.616	ng	96
43) 2,4,6-Trichlorophenol	13.11	196	118639	40.440	ng	97
44) 2,4,5-Trichlorophenol	13.19	196	130509	40.813	ng	97
46) 1,1'-Biphenyl	13.51	154	428835	37.910	ng	99
47) 2-Chloronaphthalene	13.56	162	328477	37.856	ng	99
48) 2-Nitroaniline	13.77	65	124935	42.686	ng	91
49) Acenaphthylene	14.40	152	561260	38.151	ng	99
50) Dimethylphthalate	14.13	163	577505	51.541	ng	99
51) 2,6-Dinitrotoluene	14.26	165	103811	41.262	ng	98
52) Acenaphthene	14.74	154	324944	38.546	ng	96
53) 3-Nitroaniline	14.60	138	83622	31.400	ng	94
54) 2,4-Dinitrophenol	14.80	184	87988	65.761	ng	99
55) Dibenzofuran	15.07	168	540919	39.933	ng	98
56) 4-Nitrophenol	14.90	139	156367	72.750	ng	97
57) 2,4-Dinitrotoluene	15.04	165	151810	43.426	ng	# 97
58) Fluorene	15.72	166	424968	39.903	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.30	232	125316	43.186	ng	99
60) Diethylphthalate	15.48	149	483165	42.140	ng	99
61) 4-Chlorophenyl-phenylether	15.71	204	226345	39.760	ng	94
62) 4-Nitroaniline	15.76	138	117510	41.116	ng	99
63) Azobenzene	16.00	77	436812	40.389	ng	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	75602	37.514	ng	94
66) n-Nitrosodiphenylamine	15.93	169	410676	39.123	ng	99
67) 4-Bromophenyl-phenylether	16.60	248	151557	37.544	ng	96
68) Hexachlorobenzene	16.72	284	153409	37.797	ng	97
69) Atrazine	16.87	200	152872	39.150	ng	100
70) Pentachlorophenol	17.07	266	154824	65.979	ng	97
71) Phenanthrene	17.46	178	733154	38.885	ng	99
72) Anthracene	17.55	178	751057	39.797	ng	100
73) Carbazole	17.83	167	714249	39.991	ng	99
74) Di-n-butylphthalate	18.36	149	858392	40.546	ng	100
75) Fluoranthene	19.47	202	882980	39.549	ng	99
77) Benzidine	19.66	184	279064	24.480	ng	97
78) Pyrene	19.83	202	872695	42.038	ng	99
80) Butylbenzylphthalate	20.70	149	396026	44.580	ng	97
81) Benzo(a)anthracene	21.68	228	789444	40.600	ng	98
82) 3,3'-Dichlorobenzidine	21.59	252	219269	29.644	ng	99
83) Chrysene	21.74	228	782838	41.891	ng	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	574801	45.265	ng	99
85) Di-n-octyl phthalate	22.76	149	995352	46.006	ng	100
86) Indeno(1,2,3-cd)pyrene	28.73	276	906963	39.682	ng	# 88
88) Benzo(b)fluoranthene	23.93	252	827285	38.434	ng	97
89) Benzo(k)fluoranthene	23.99	252	824828	41.670	ng	99
90) Benzo(a)pyrene	24.82	252	827884	40.993	ng	99
91) Dibenzo(a,h)anthracene	28.80	278	738736	39.385	ng	99
92) Benzo(g,h,i)perylene	29.92	276	755732	39.204	ng	96

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



#1

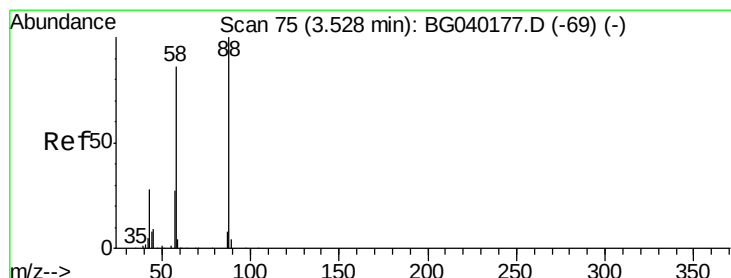
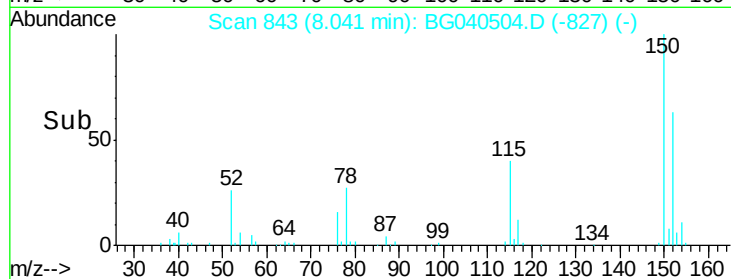
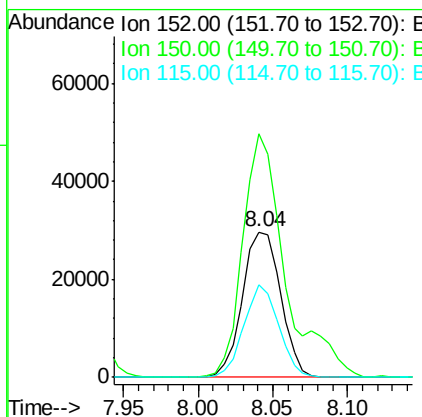
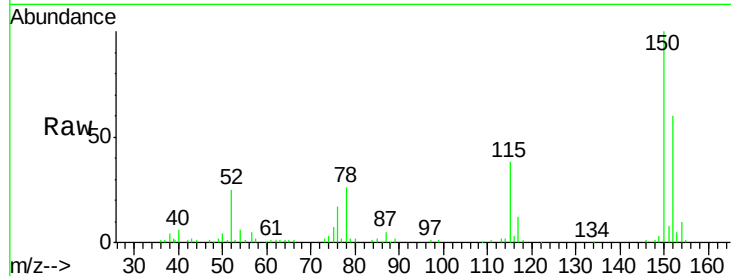
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.00 min
Lab File: BG040504.D
Acq: 16 Apr 2019 15:28

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
152	100		
150	167.2	123.7	185.5
115	63.5	46.9	70.3

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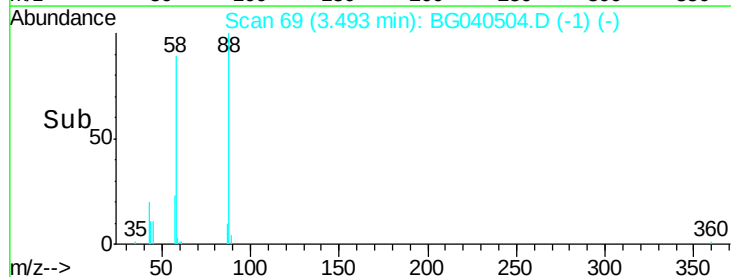
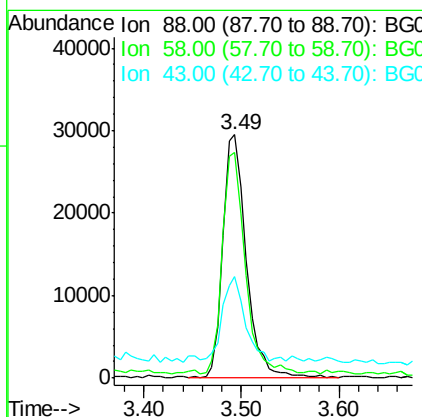
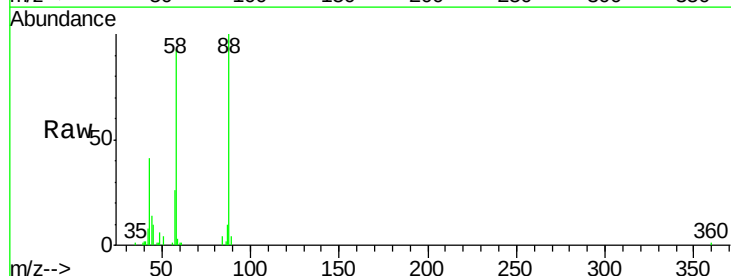
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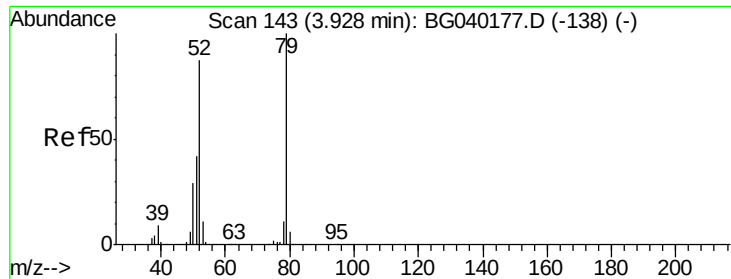


#2

1,4-Dioxane
Concen: 33.115 ng
RT: 3.49 min Scan# 69
Delta R.T. -0.00 min
Lab File: BG040504.D
Acq: 16 Apr 2019 15:28

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.7	70.6	106.0
43	32.0	24.8	37.2





#3

Pyridine

Concen: 31.249 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.00 min

Lab File: BG040504.D

Acq: 16 Apr 2019 15:28

Instrument :

BNA_G

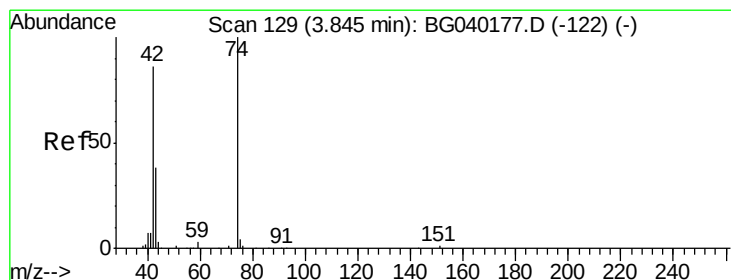
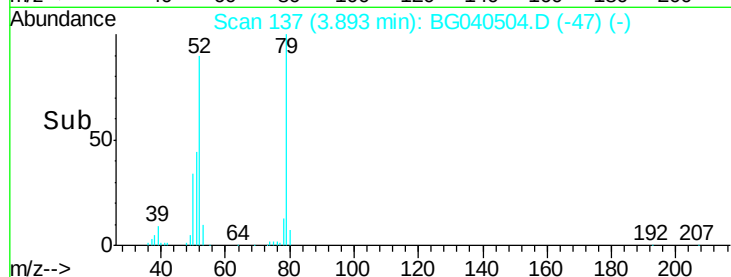
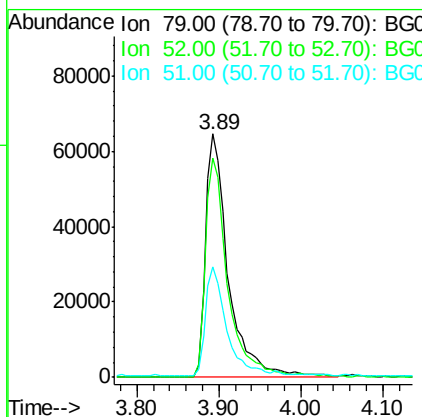
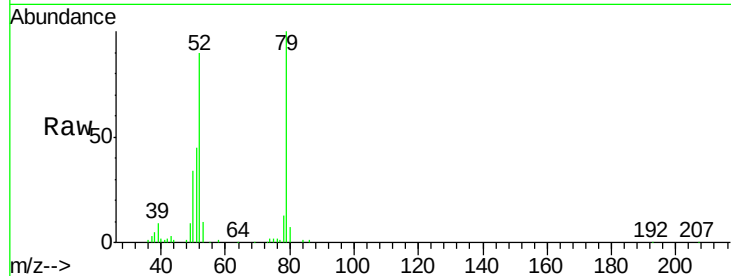
ClientSampleId :

TP3-AMS

Tgt Ion:	79	Resp:	125542
Ion	Ratio	Lower	Upper
79	100		
52	89.8	69.8	104.8
51	45.5	33.9	50.9

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#4

n-Nitrosodimethylamine

Concen: 37.194 ng

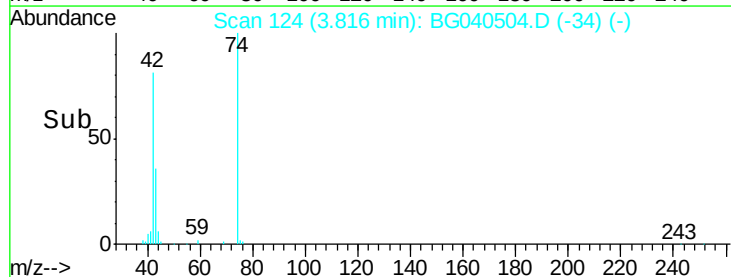
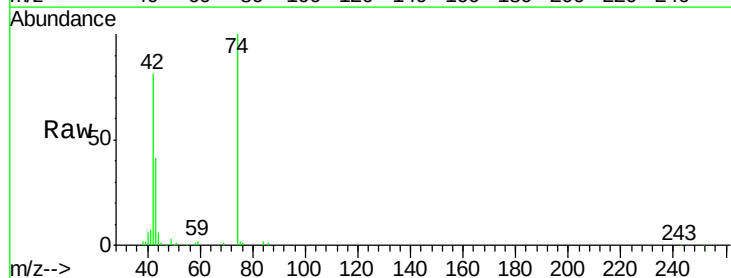
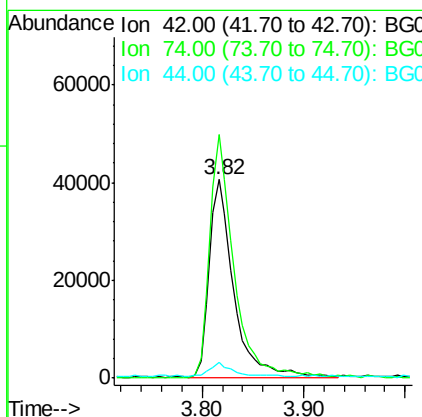
RT: 3.82 min Scan# 124

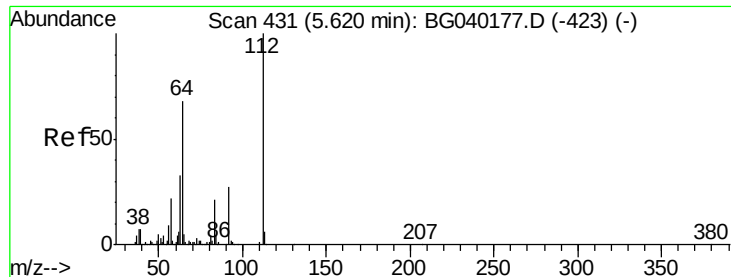
Delta R.T. -0.00 min

Lab File: BG040504.D

Acq: 16 Apr 2019 15:28

Tgt Ion:	42	Resp:	69119
Ion	Ratio	Lower	Upper
42	100		
74	122.8	92.9	139.3
44	7.7	9.7	14.5#





#5

2-Fluorophenol

Concen: 126.186 ng

RT: 5.60 min Scan# 427

Delta R.T. -0.00 min

Lab File: BG040504.D

Acq: 16 Apr 2019 15:28

Instrument :

BNA_G

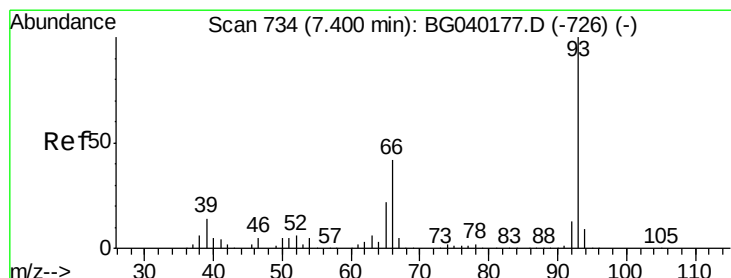
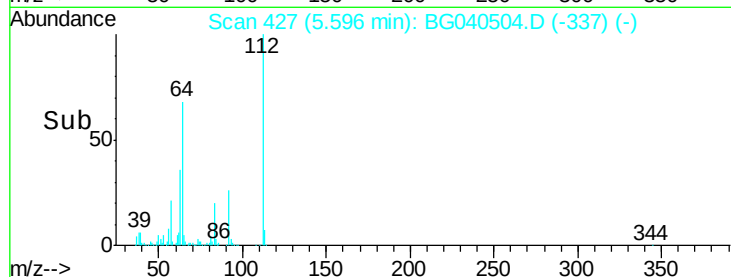
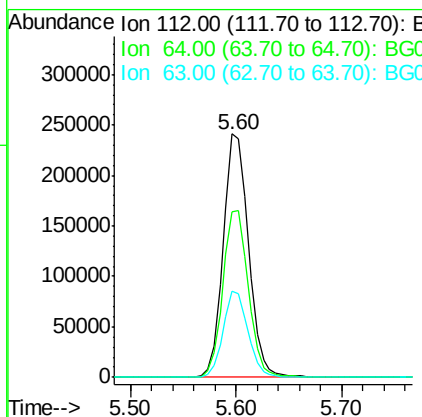
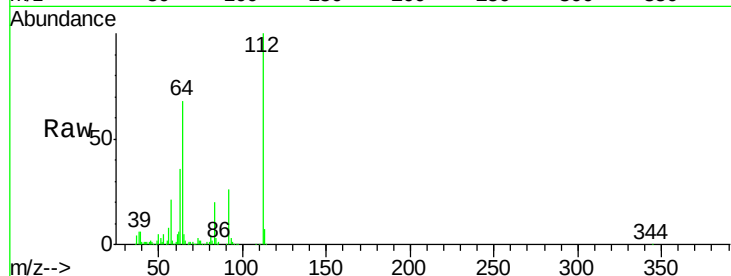
ClientSampleId :

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Tgt Ion:	112	Resp:	400425
Ion Ratio	Lower	Upper	
112	100		
64	68.2	54.2	81.2
63	35.6	26.4	39.6

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#6

Aniline

Concen: 26.989 ng

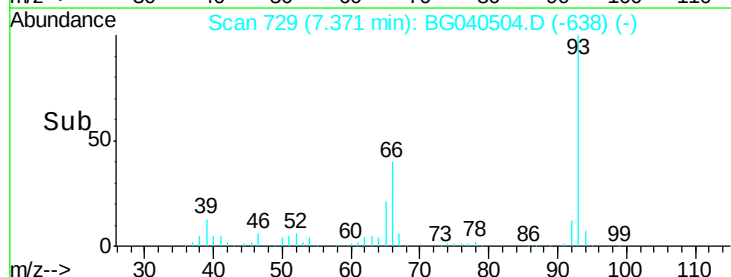
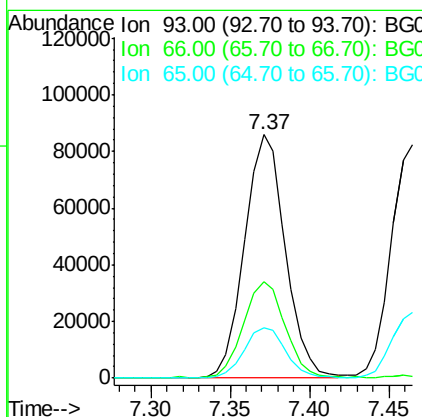
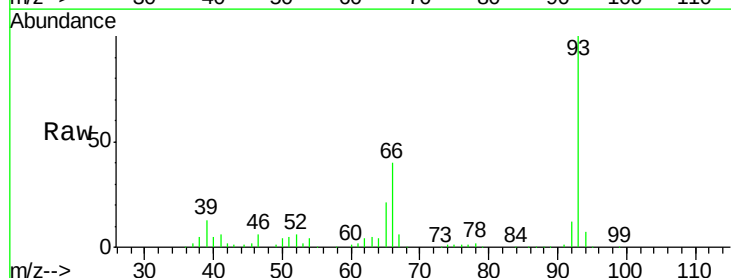
RT: 7.37 min Scan# 729

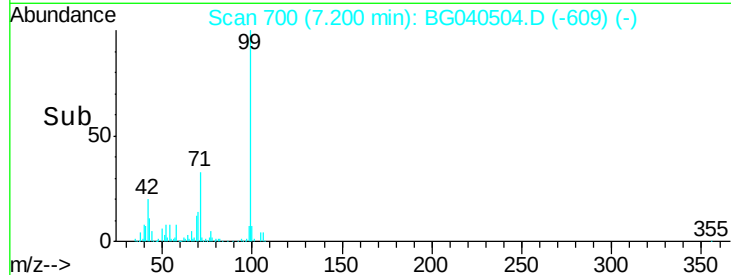
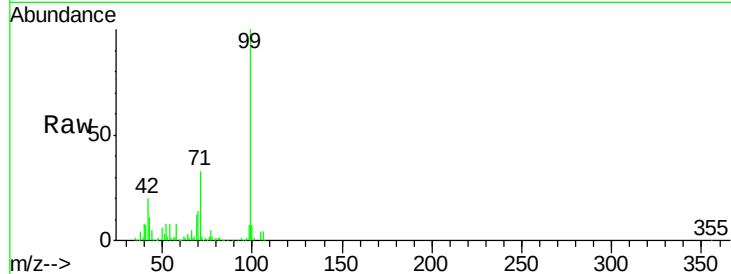
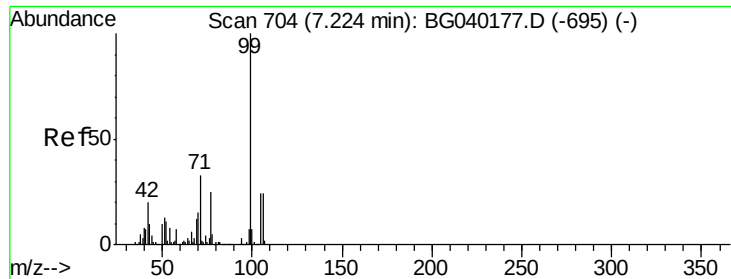
Delta R.T. 0.00 min

Lab File: BG040504.D

Acq: 16 Apr 2019 15:28

Tgt Ion:	93	Resp:	153779
Ion Ratio	Lower	Upper	
93	100		
66	39.7	33.6	50.4
65	20.5	17.4	26.2





#7

Phenol-d6

Concen: 129.554 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG040504.D

Acq: 16 Apr 2019 15:28

Tgt Ion	Ratio	Resp	Lower	Upper
99	100	568163		
42	20.4	16.2	24.2	
71	33.3	26.8	40.2	

Instrument :

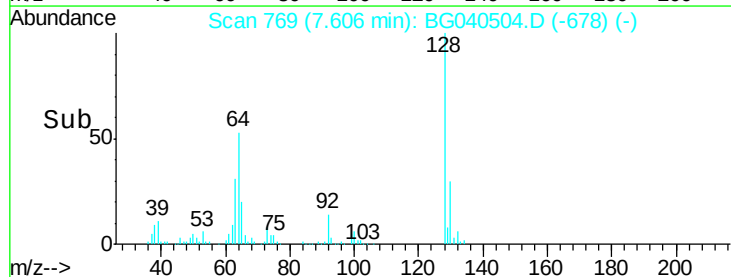
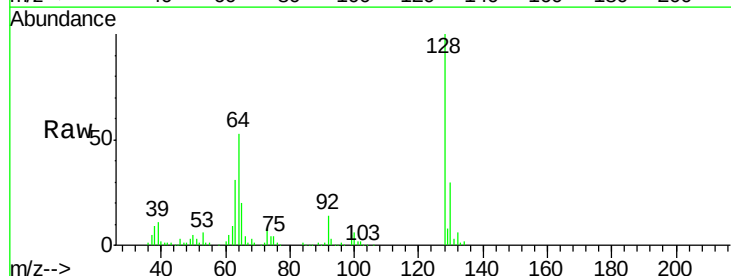
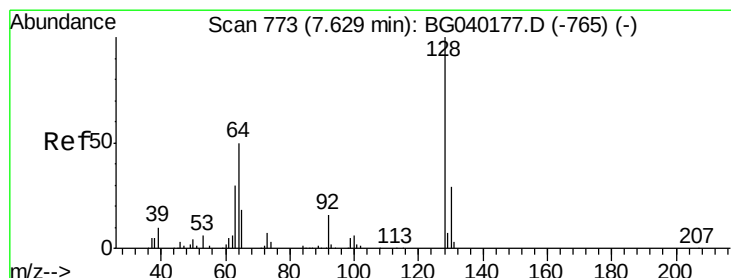
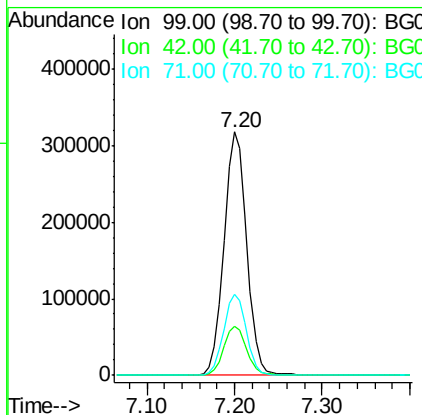
BNA_G

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#8

2-Chlorophenol

Concen: 38.108 ng

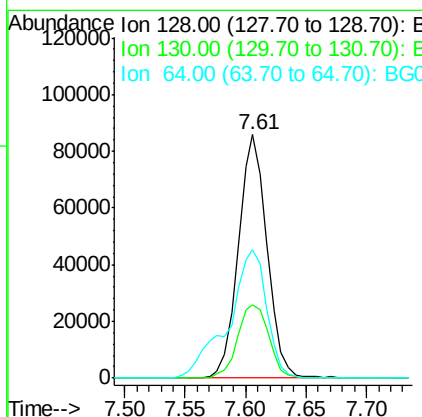
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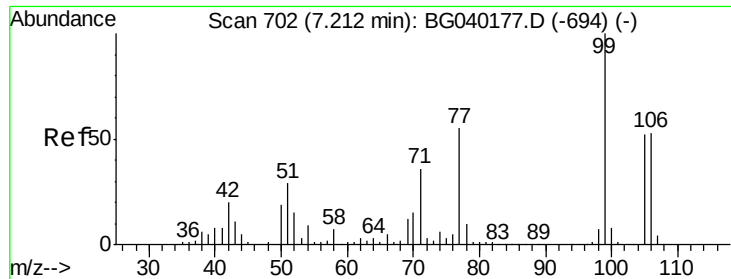
Delta R.T. 0.00 min

Lab File: BG040504.D

Acq: 16 Apr 2019 15:28

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	141556		
130	30.1	9.1	49.1	
64	52.8	33.1	73.1	





#9

Benzaldehyde

Concen: 17.131 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG040504.D

Acq: 16 Apr 2019 15:28

Instrument :

BNA_G

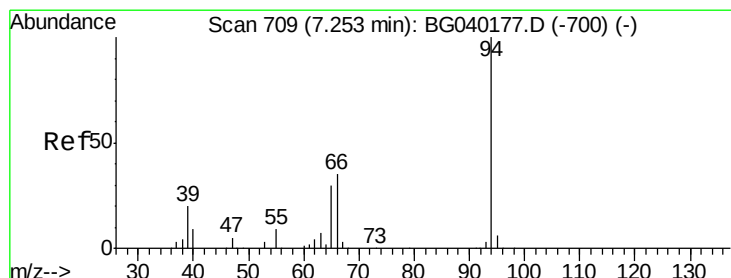
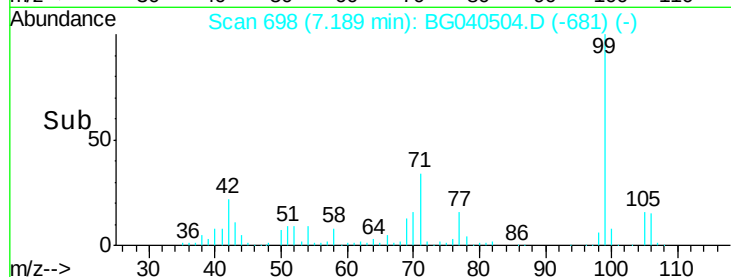
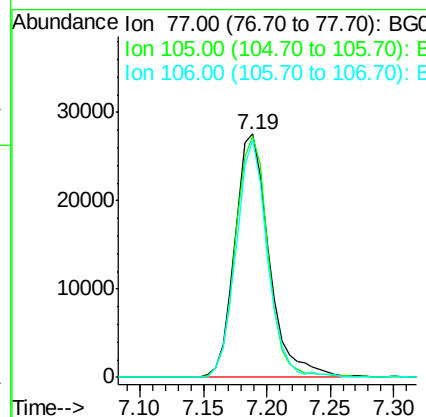
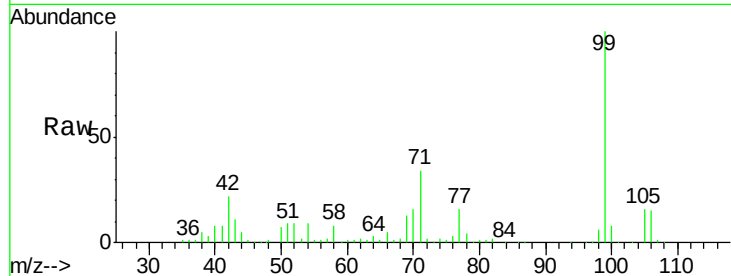
ClientSampled :

TP3-AMS

Tgt Ion: 77 Resp: 51533
 Ion Ratio Lower Upper
 77 100
 105 99.2 75.0 115.0
 106 97.2 75.7 115.7

Manual Integrations
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#10

Phenol

Concen: 39.787 ng

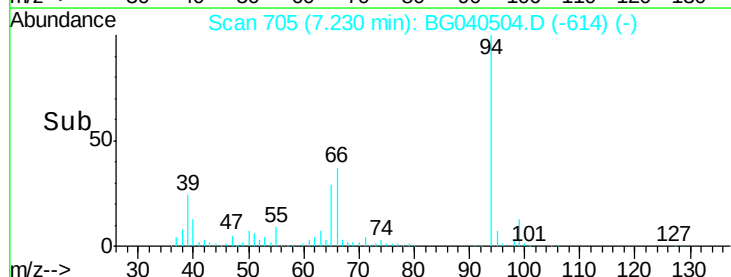
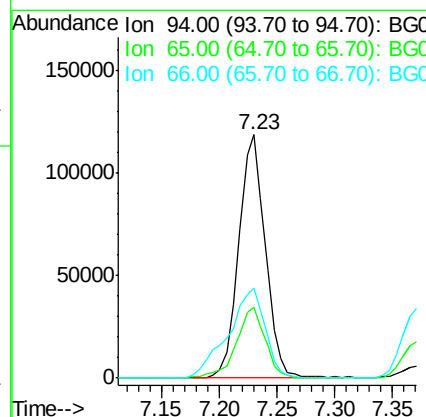
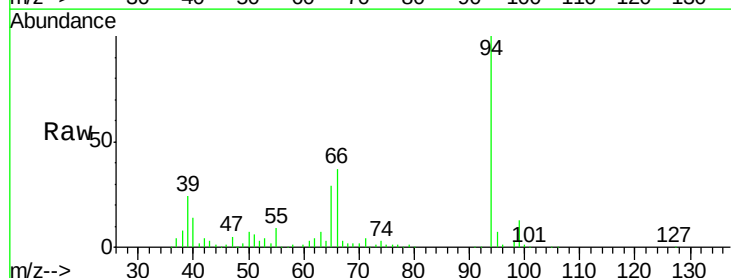
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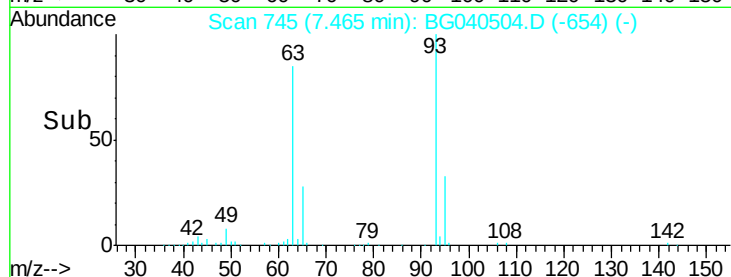
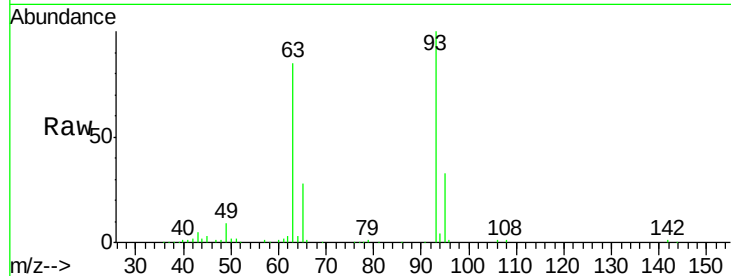
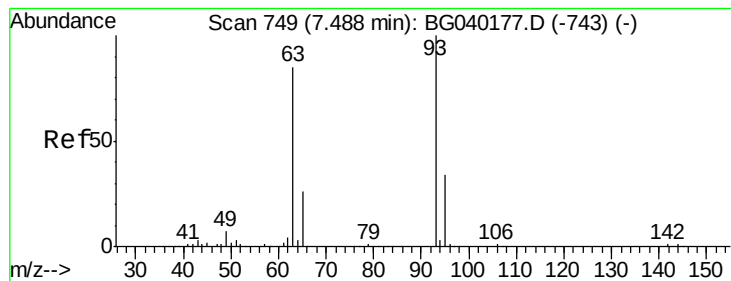
Delta R.T. 0.00 min

Lab File: BG040504.D

Acq: 16 Apr 2019 15:28

Tgt Ion: 94 Resp: 189391
 Ion Ratio Lower Upper
 94 100
 65 29.1 10.5 50.5
 66 37.1 16.9 56.9





#11

bis(2-Chloroethyl)ether

Concen: 35.357 ng

RT: 7.46 min Scan# 745

Delta R.T. 0.00 min

Lab File: BG040504.D

Acq: 16 Apr 2019 15:28

Tgt Ion:	93	Resp:	134802
Ion	Ratio	Lower	Upper
93	100		
63	85.1	64.2	104.2
95	33.0	14.0	54.0

Instrument :

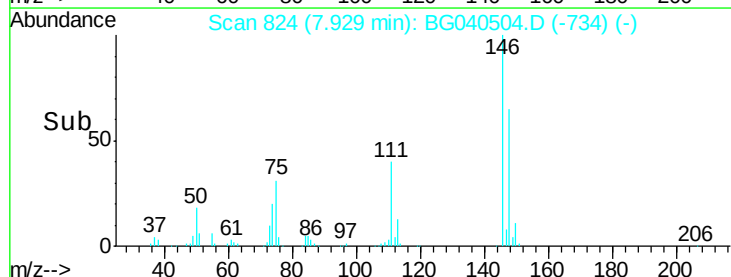
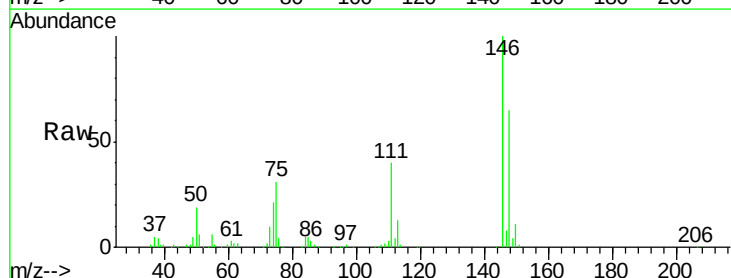
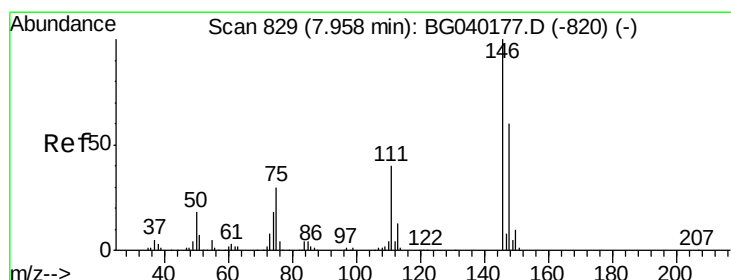
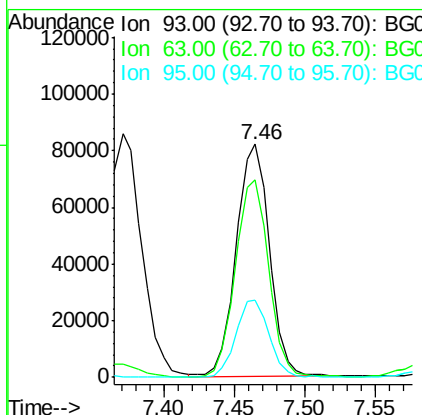
BNA_G

ClientSampleId :

TP3-AMS

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#12

1,3-Dichlorobenzene

Concen: 32.726 ng

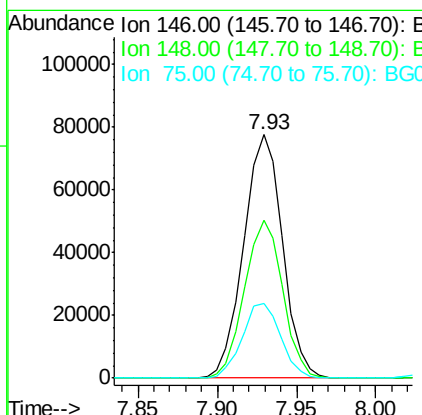
RT: 7.93 min Scan# 824

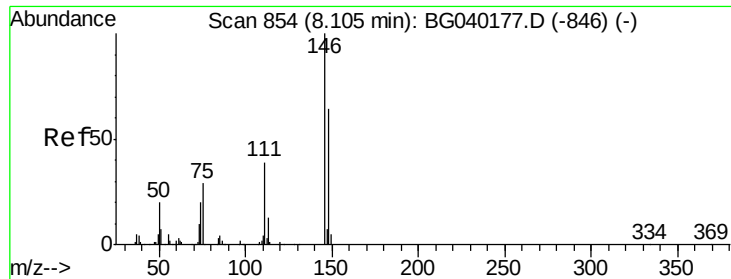
Delta R.T. -0.00 min

Lab File: BG040504.D

Acq: 16 Apr 2019 15:28

Tgt Ion:	146	Resp:	132149
Ion	Ratio	Lower	Upper
146	100		
148	64.7	48.2	72.2
75	30.9	24.1	36.1





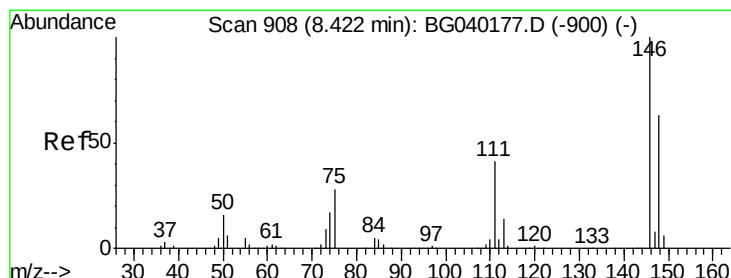
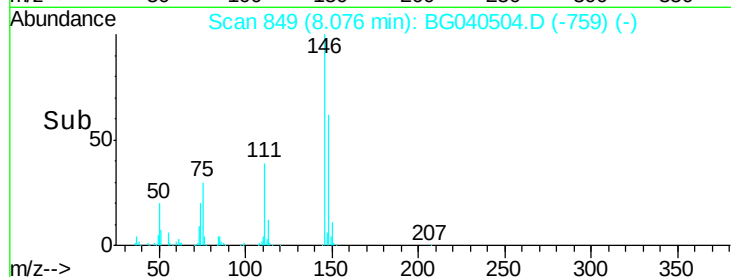
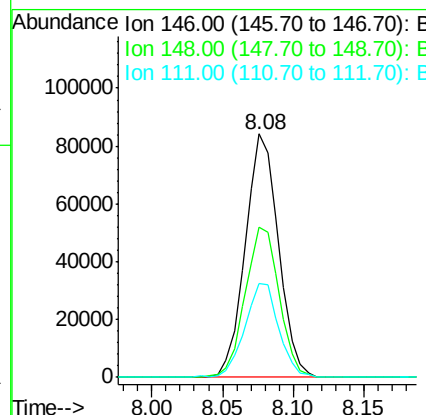
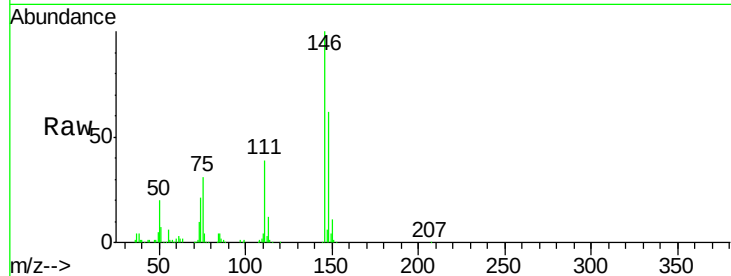
#13
 1,4-Dichlorobenzene
 Concen: 34.479 ng
 RT: 8.08 min Scan# 849
 Delta R.T. -0.00 min
 Lab File: BG040504.D
 Acq: 16 Apr 2019 15:28

Instrument :
 BNA_G
 ClientSampled :
 TP3-AMS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.6	51.0	76.4
111	38.7	31.8	47.6

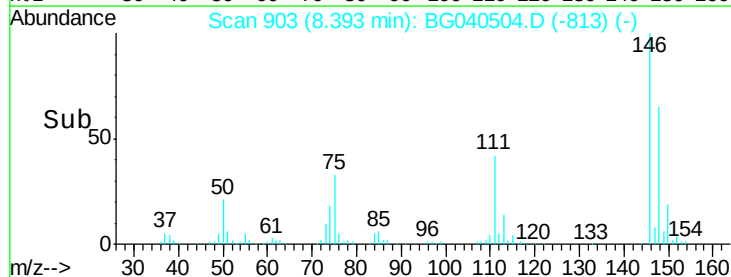
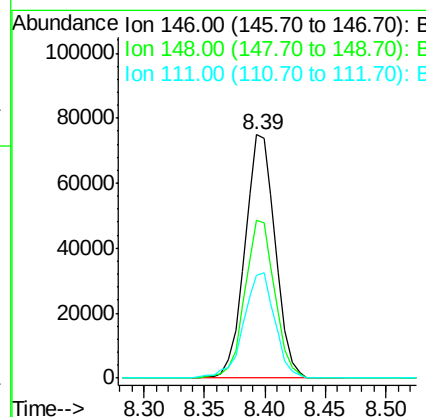
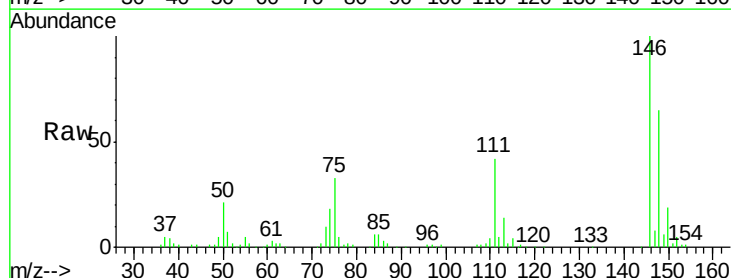
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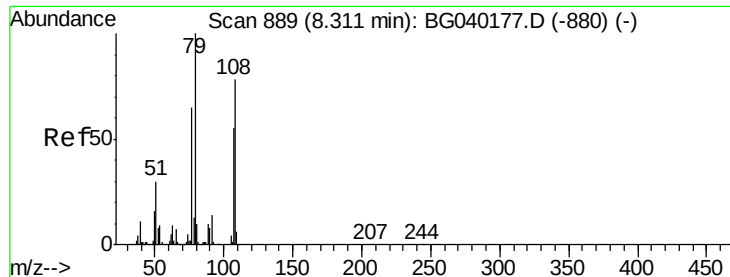
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#14
 1,2-Dichlorobenzene
 Concen: 34.066 ng
 RT: 8.39 min Scan# 903
 Delta R.T. -0.00 min
 Lab File: BG040504.D
 Acq: 16 Apr 2019 15:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	50.8	76.2
111	42.5	33.4	50.0





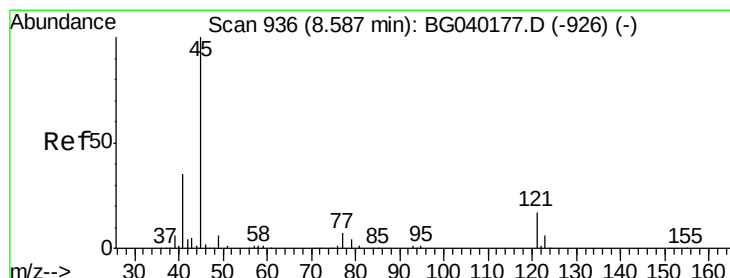
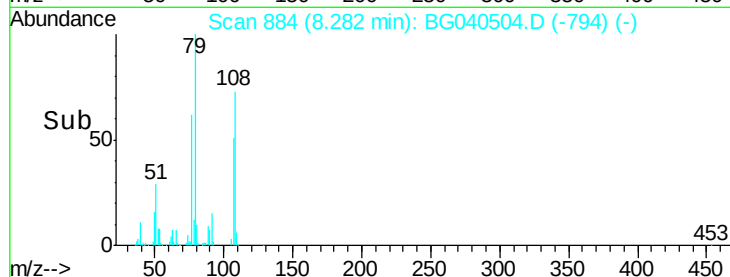
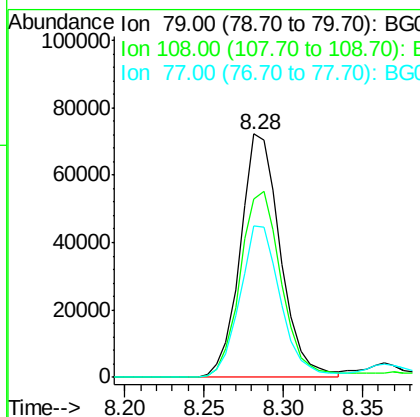
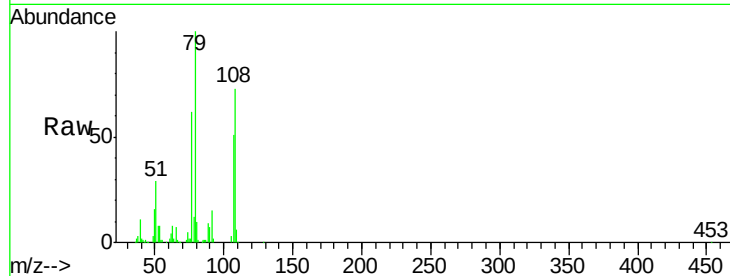
#15
Benzyl Alcohol
Concen: 35.862 ng
RT: 8.28 min Scan# 884
Delta R.T. -0.00 min
Lab File: BG040504.D
Acq: 16 Apr 2019 15:28

Instrument :
BNA_G
ClientSampled :
TP3-AMS

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	126661		
108	73.1	62.1	93.1	
77	62.1	51.9	77.9	

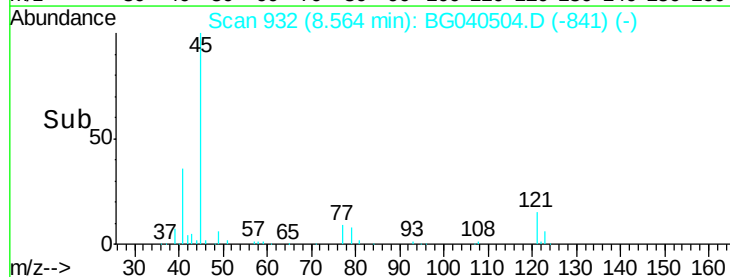
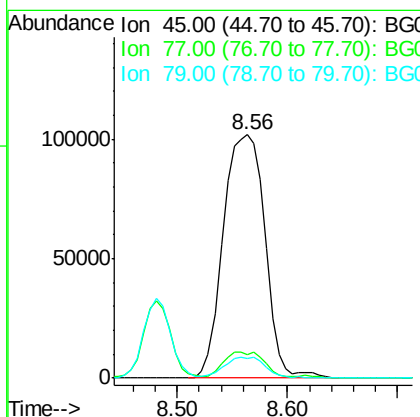
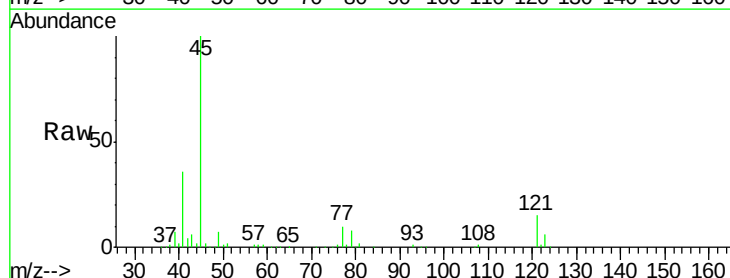
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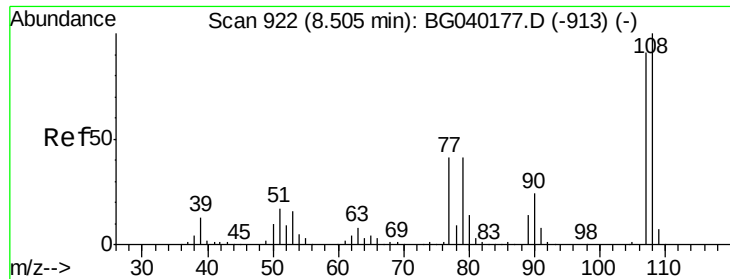
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.716 ng
RT: 8.56 min Scan# 932
Delta R.T. 0.00 min
Lab File: BG040504.D
Acq: 16 Apr 2019 15:28

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	268655		
77	9.8	0.0	31.4	
79	8.1	0.0	28.3	





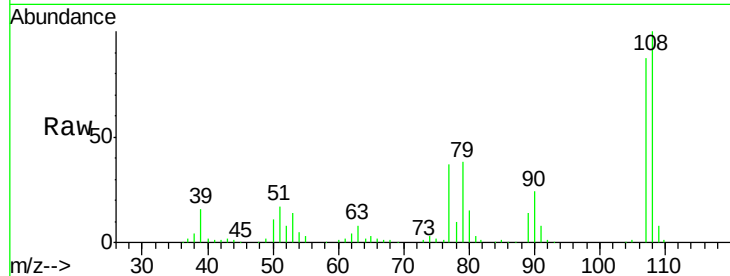
#17
2-Methylphenol
Concen: 38.874 ng
RT: 8.48 min Scan# 918
Delta R.T. 0.00 min
Lab File: BG040504.D
Acq: 16 Apr 2019 15:28

Instrument :
BNA_G
ClientSampled :
TP3-AMS

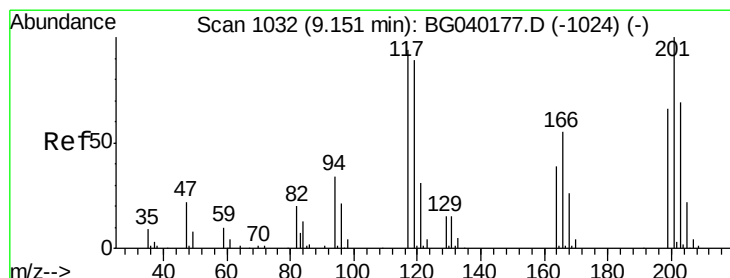
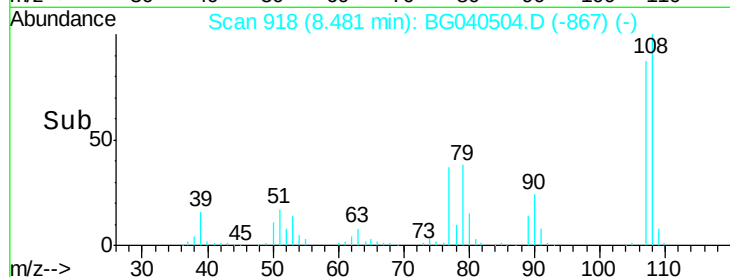
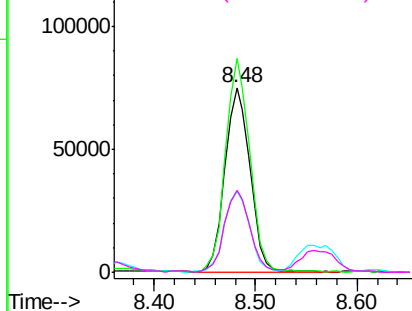
Tgt Ion:	107	Resp:	128047
Ion Ratio	Lower	Upper	
107	100		
108	115.5	88.2	132.4
77	43.3	36.6	55.0
79	44.4	36.5	54.7

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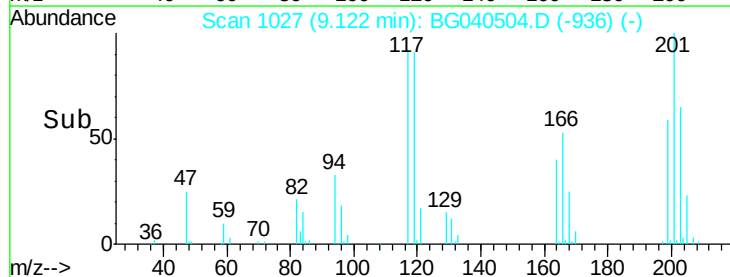
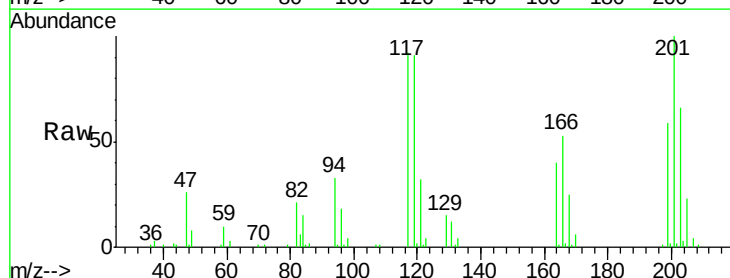
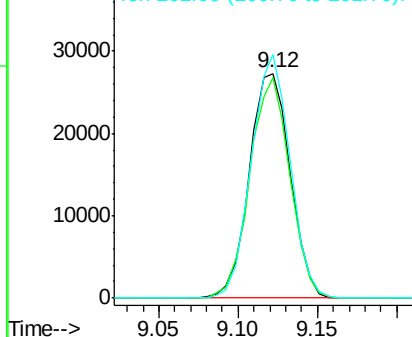
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

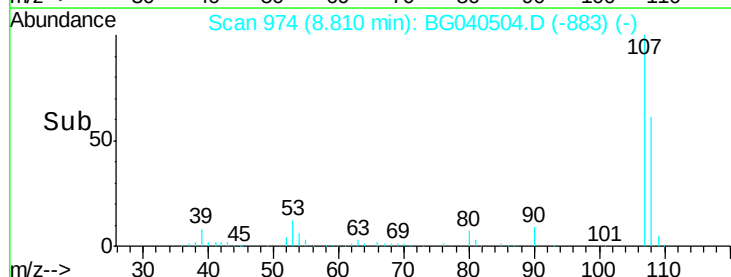
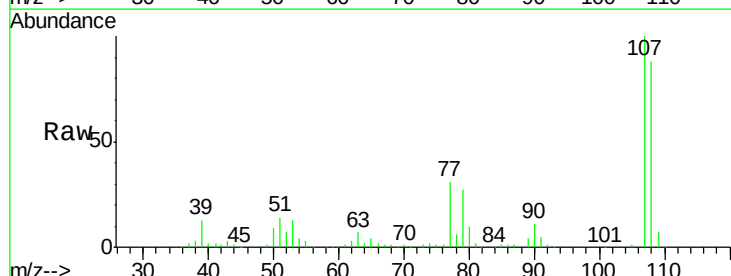
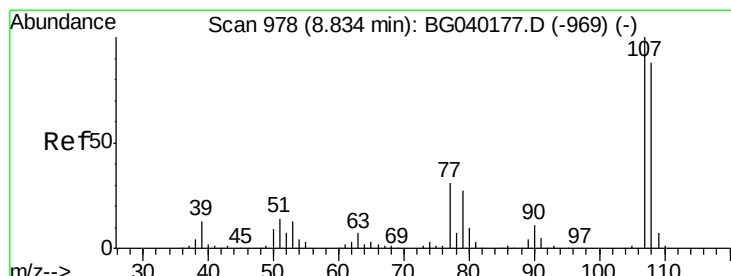
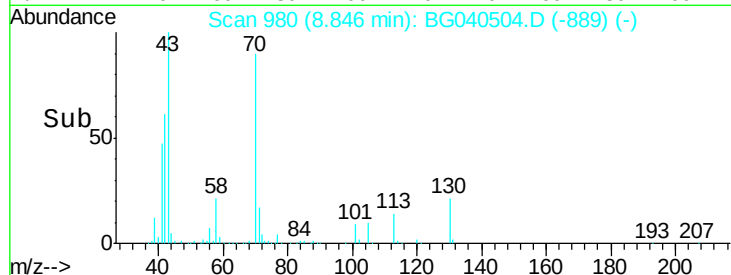
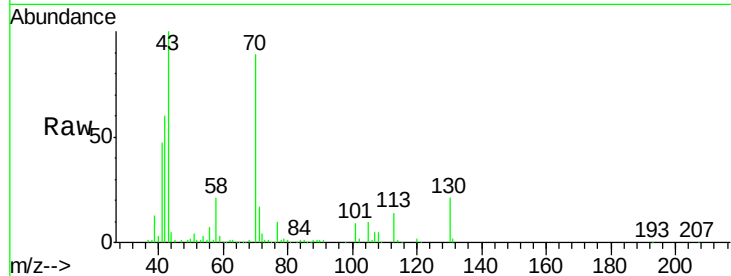
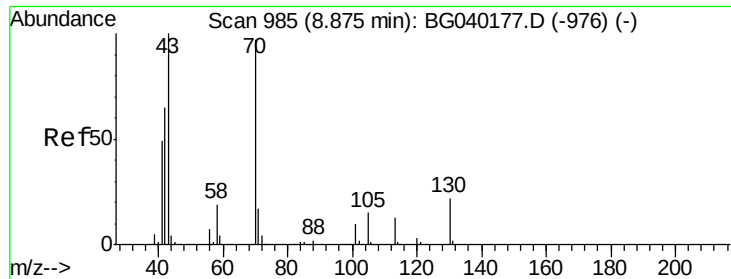


#18
Hexachloroethane
Concen: 31.928 ng
RT: 9.12 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BG040504.D
Acq: 16 Apr 2019 15:28

Tgt Ion:	117	Resp:	48844
Ion Ratio	Lower	Upper	
117	100		
119	98.3	76.6	115.0
201	108.5	85.0	127.4

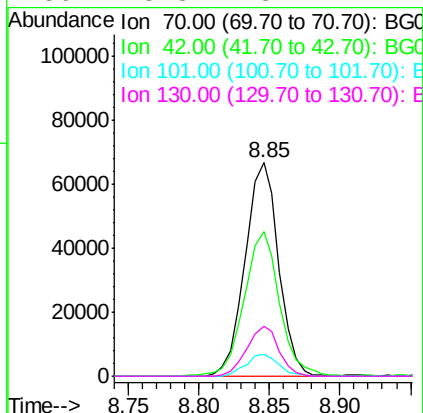
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 35.488 ng
RT: 8.85 min Scan# 980
Delta R.T. 0.00 min
Lab File: BG040504.D
Acq: 16 Apr 2019 15:28

Tgt Ion	Ratio	Lower	Upper
70	100		
42	67.7	54.0	81.0
101	10.3	8.6	13.0
130	23.3	18.2	27.2



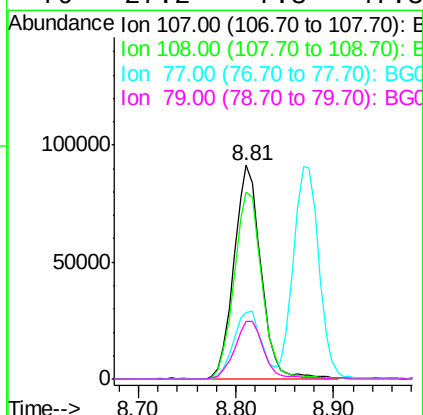
Instrument :
BNA_G
ClientSampleId :
TP3-AMS

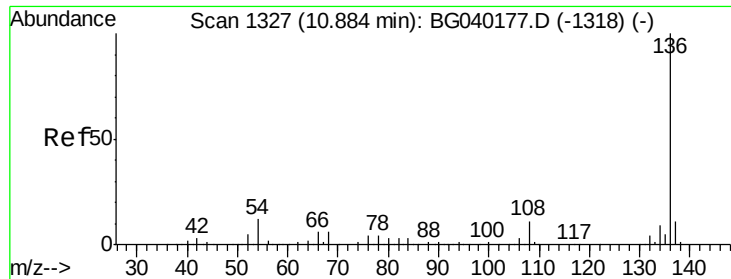
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#20
3+4-Methylphenols
Concen: 39.427 ng
RT: 8.81 min Scan# 974
Delta R.T. 0.00 min
Lab File: BG040504.D
Acq: 16 Apr 2019 15:28

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.8	68.3	108.3
77	31.1	11.3	51.3
79	27.2	7.3	47.3





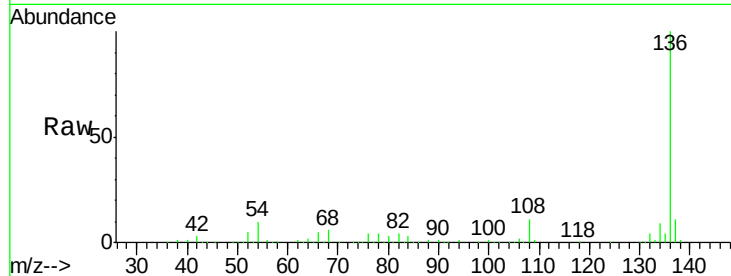
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG040504.D
Acq: 16 Apr 2019 15:28

Instrument :
BNA_G
ClientSampleId :
TP3-AMS

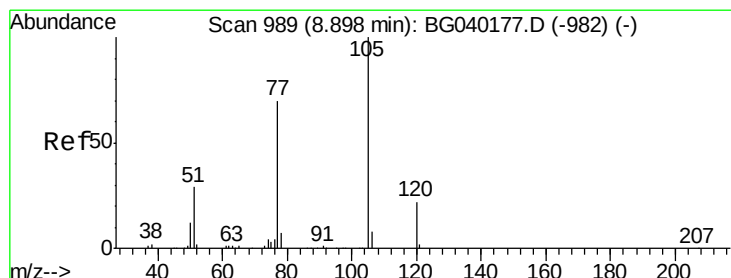
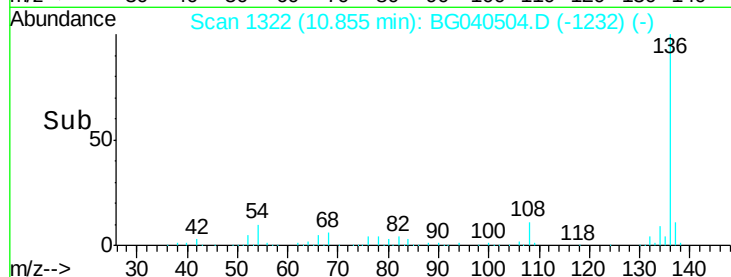
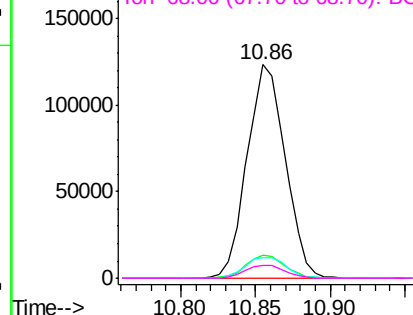
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	218755		
137	11.0	8.9	13.3	
54	9.6	9.6	14.4	
68	6.1	5.1	7.7	

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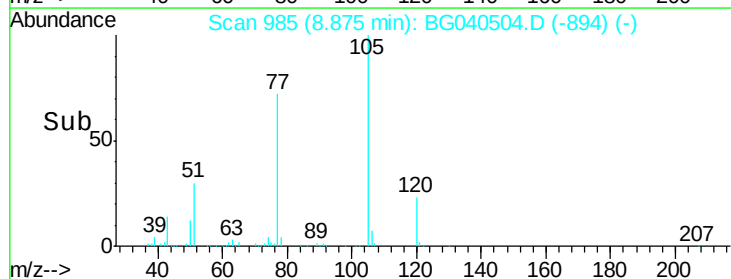
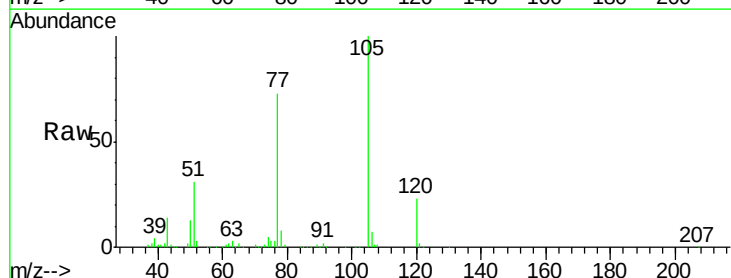
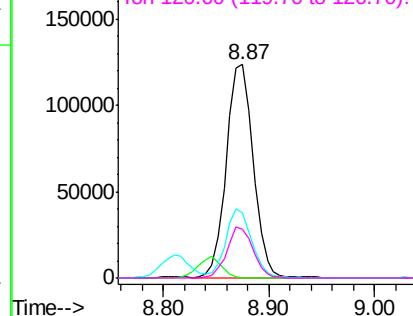
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

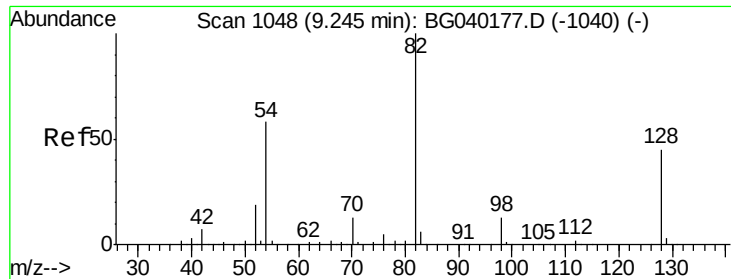


#22
Acetophenone
Concen: 39.854 ng
RT: 8.87 min Scan# 985
Delta R.T. 0.00 min
Lab File: BG040504.D
Acq: 16 Apr 2019 15:28

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	217473		
71	0.3	0.6	1.0#	
51	30.5	25.1	37.7	
120	23.0	17.6	26.4	

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





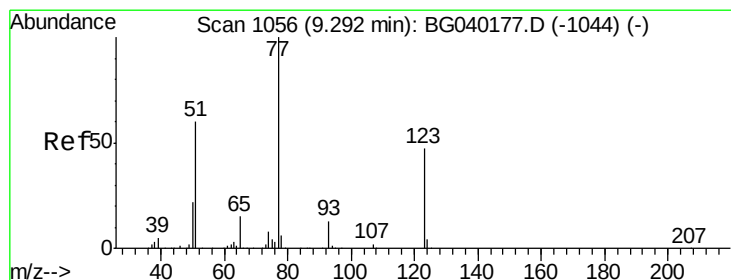
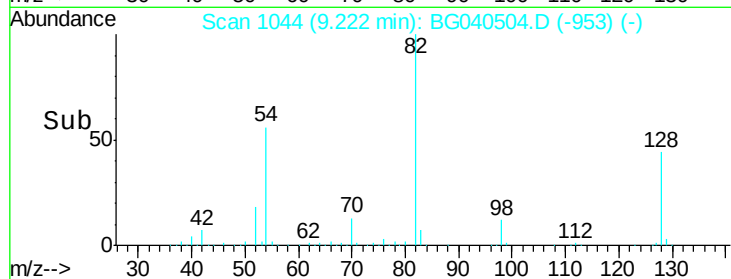
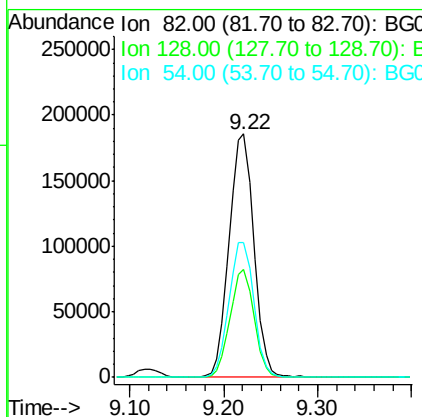
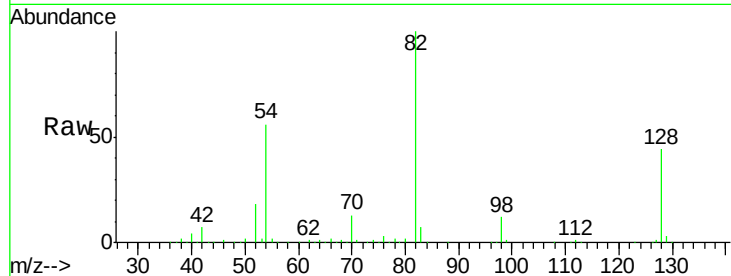
#23
 Nitrobenzene-d5
 Concen: 82.763 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BG040504.D
 Acq: 16 Apr 2019 15:28

Instrument :
 BNA_G
 ClientSampled :
 TP3-AMS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	340615		
128	44.3	35.8	53.8	
54	55.6	46.2	69.2	

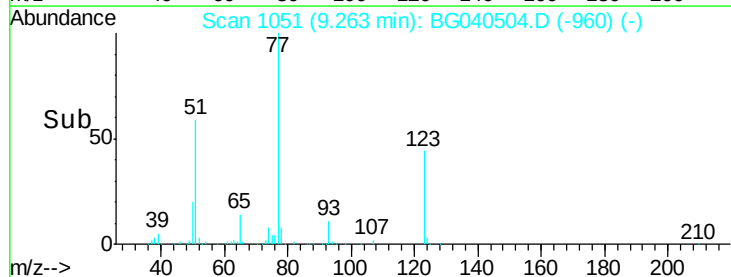
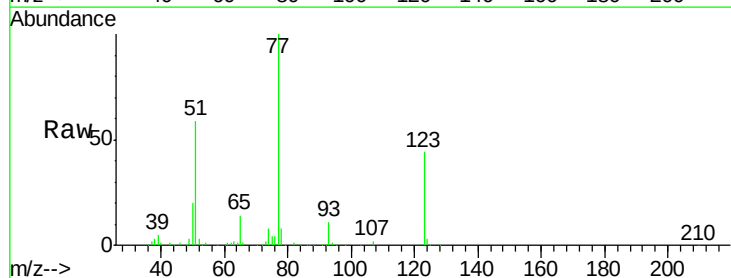
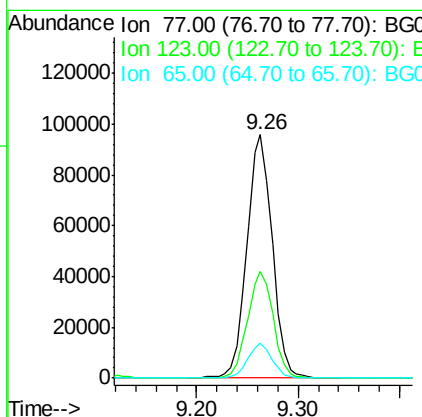
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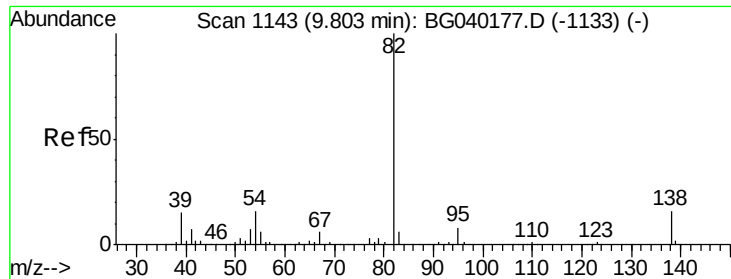
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#24
 Nitrobenzene
 Concen: 38.984 ng
 RT: 9.26 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: BG040504.D
 Acq: 16 Apr 2019 15:28

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	166139		
123	43.9	37.8	56.6	
65	14.4	12.0	18.0	





#25

Isophorone

Concen: 38.044 ng

RT: 9.77 min Scan# 1138

Delta R.T. 0.00 min

Lab File: BG040504.D

Acq: 16 Apr 2019 15:28

Instrument :

BNA_G

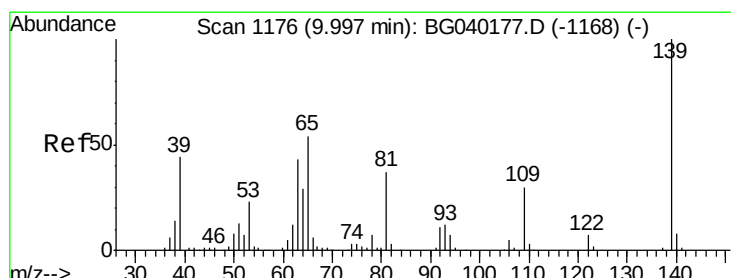
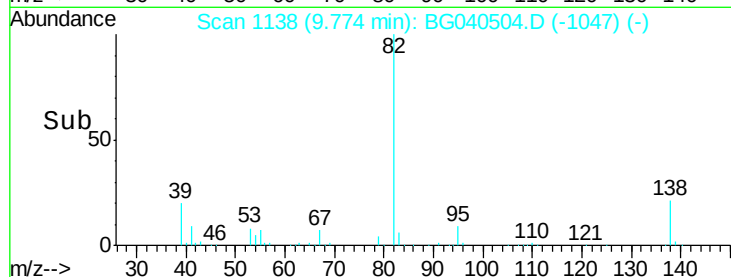
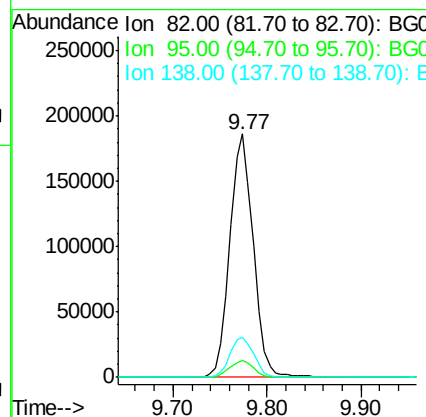
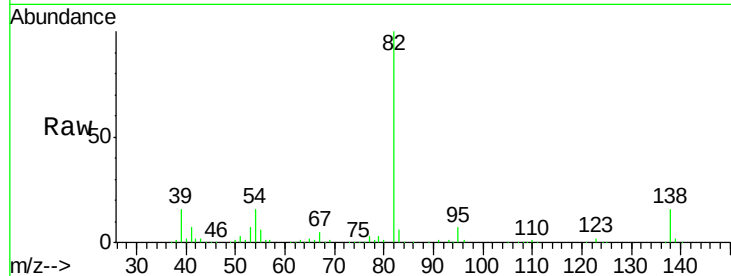
ClientSampled :

TP3-AMS

Tgt Ion:	82	Resp:	322156
Ion Ratio	Lower	Upper	
82	100		
95	6.8	6.1	9.1
138	16.4	13.2	19.8

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#26

2-Nitrophenol

Concen: 38.736 ng

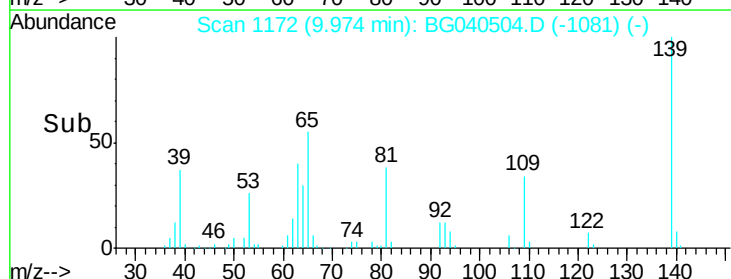
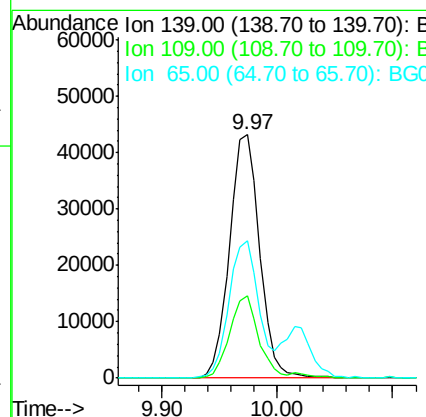
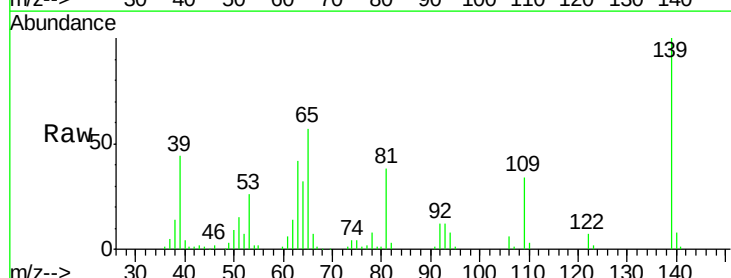
RT: 9.97 min Scan# 1172

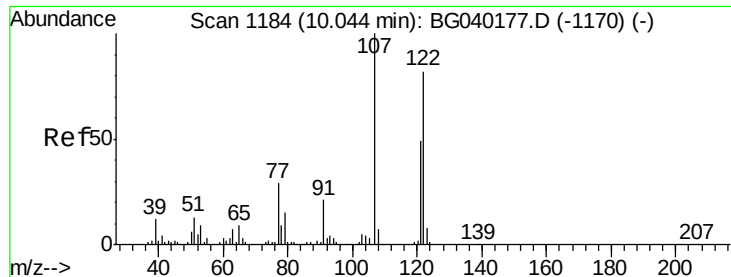
Delta R.T. 0.00 min

Lab File: BG040504.D

Acq: 16 Apr 2019 15:28

Tgt Ion:	139	Resp:	78223
Ion Ratio	Lower	Upper	
139	100		
109	34.0	24.1	36.1
65	56.6	43.0	64.6





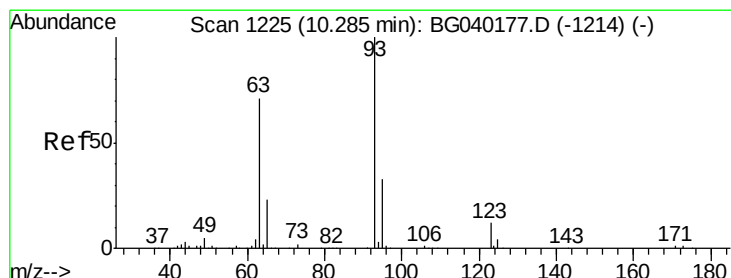
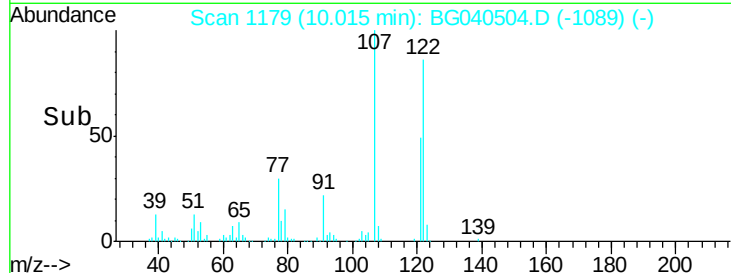
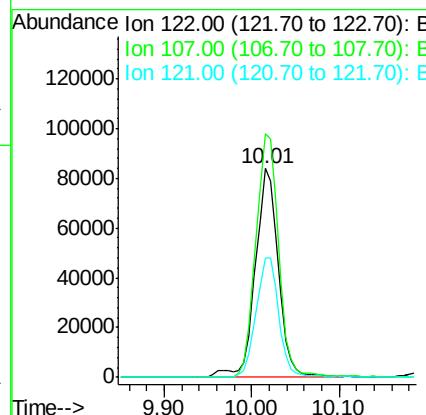
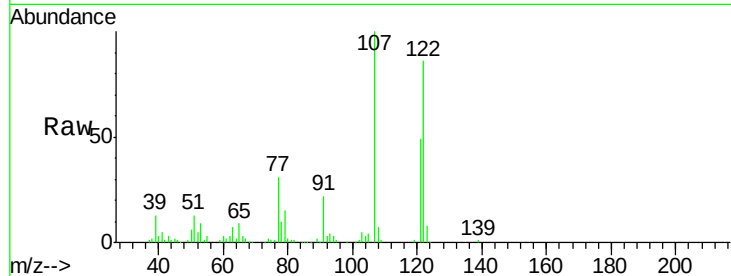
#27
 2,4-Dimethylphenol
 Concen: 46.918 ng
 RT: 10.01 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: BG040504.D
 Acq: 16 Apr 2019 15:28

Instrument :
 BNA_G
 ClientSampled :
 TP3-AMS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	150497		
107	116.5	97.4	146.2	
121	56.9	47.7	71.5	

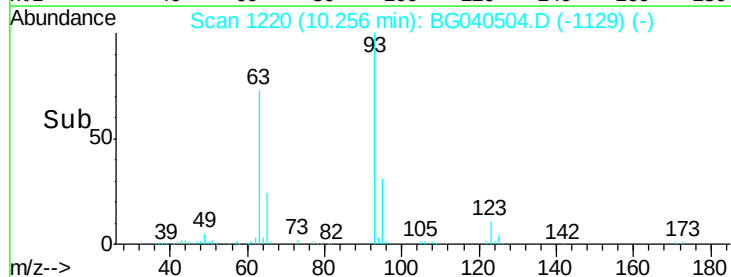
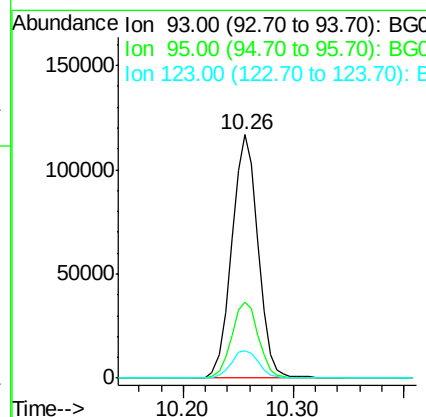
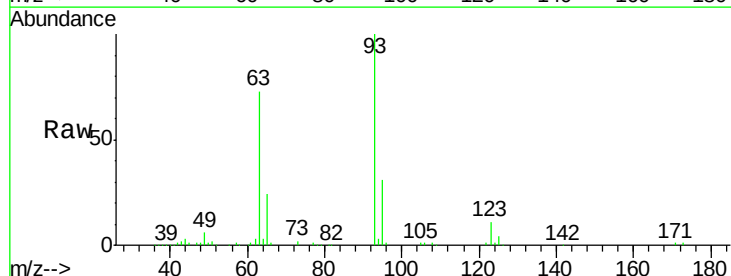
Manual Integrations
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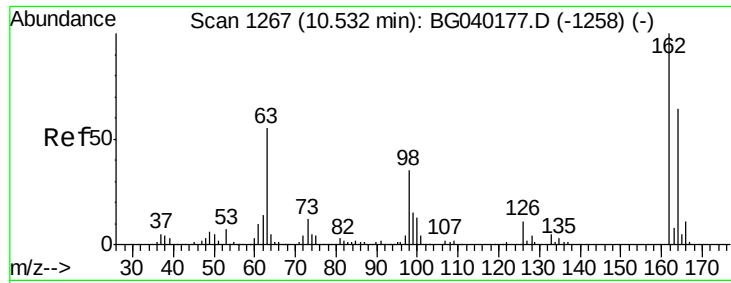
Sohil
 4/17/2019 3:33:36 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.781 ng
 RT: 10.26 min Scan# 1220
 Delta R.T. 0.00 min
 Lab File: BG040504.D
 Acq: 16 Apr 2019 15:28

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	194289		
95	31.2	26.2	39.4	
123	11.0	9.4	14.0	





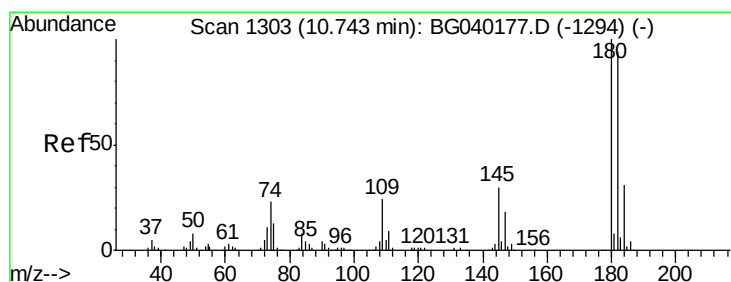
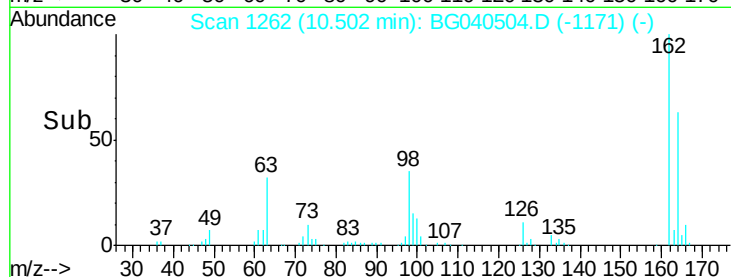
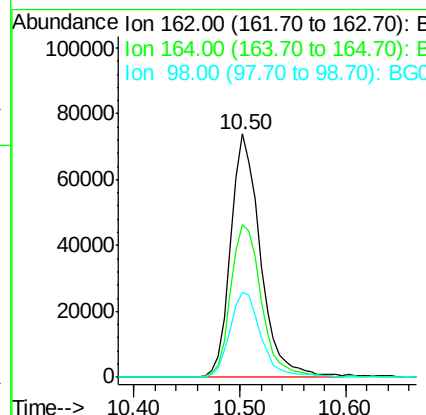
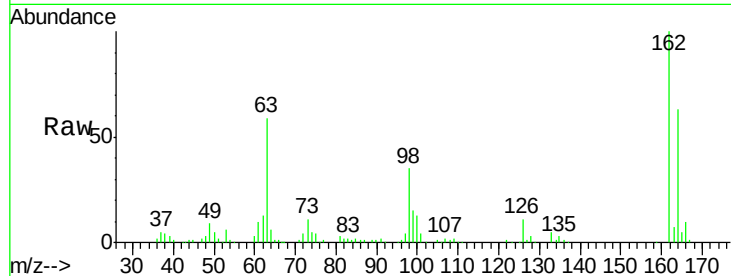
#29
 2,4-Dichlorophenol
 Concen: 41.371 ng
 RT: 10.50 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: BG040504.D
 Acq: 16 Apr 2019 15:28

Instrument :
 BNA_G
 ClientSampled :
 TP3-AMS

Tgt Ion:	162	Resp:	144042
Ion Ratio	Lower	Upper	
162	100		
164	62.9	43.9	83.9
98	34.8	15.6	55.6

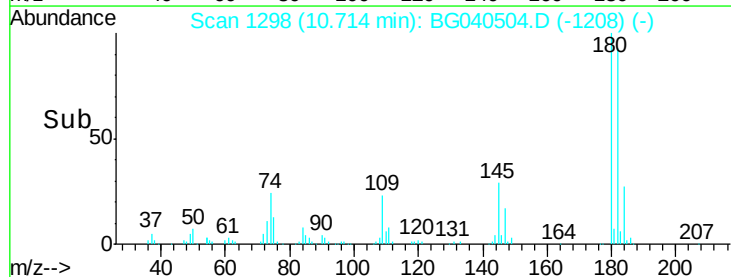
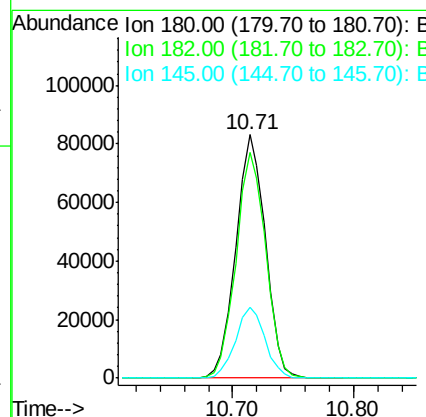
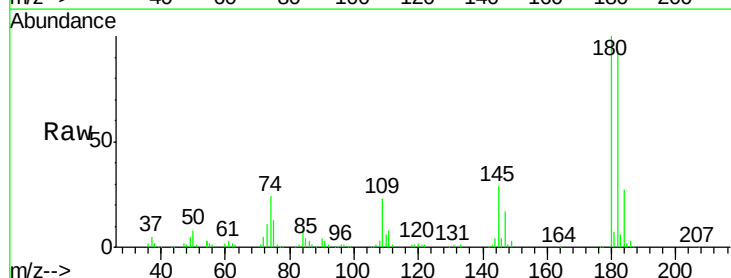
Manual Integrations
 APPROVED

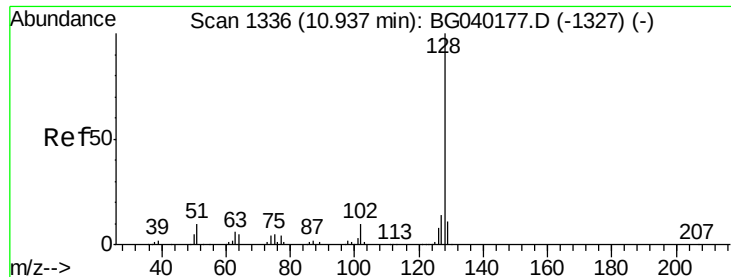
Sohil
 4/17/2019 3:33:36 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 37.095 ng
 RT: 10.71 min Scan# 1298
 Delta R.T. -0.00 min
 Lab File: BG040504.D
 Acq: 16 Apr 2019 15:28

Tgt Ion:	180	Resp:	141815
Ion Ratio	Lower	Upper	
180	100		
182	92.6	75.1	112.7
145	29.0	24.1	36.1





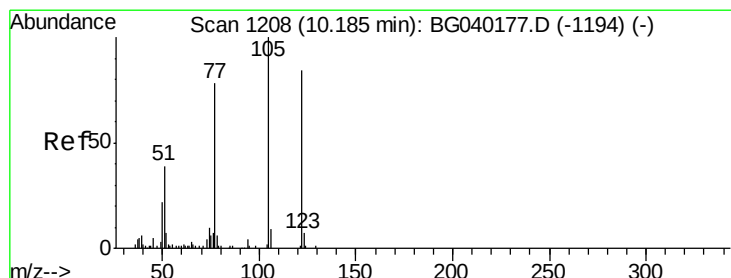
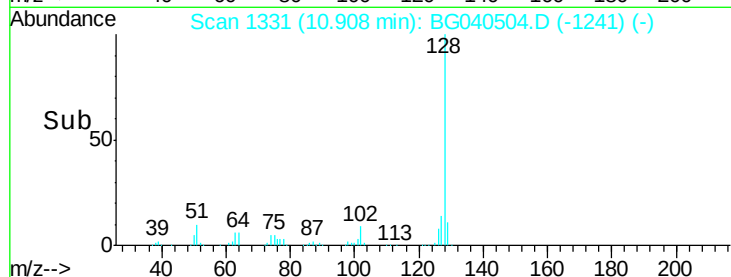
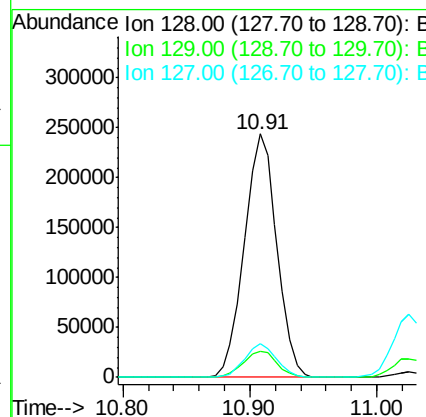
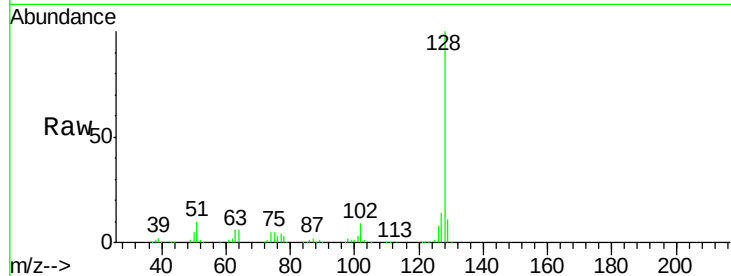
#31
Naphthalene
Concen: 38.587 ng
RT: 10.91 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BG040504.D
Acq: 16 Apr 2019 15:28

Instrument :
BNA_G
ClientSampleId :
TP3-AMS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	432667		
129	10.9		8.9	13.3
127	14.1		11.4	17.0

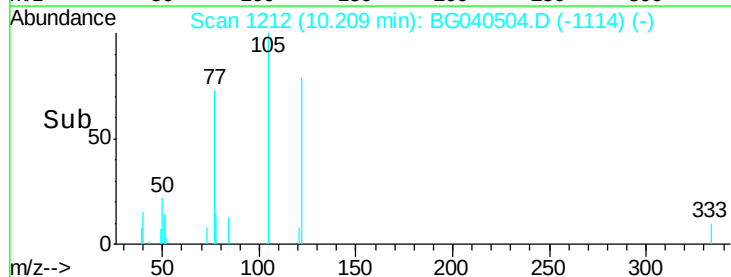
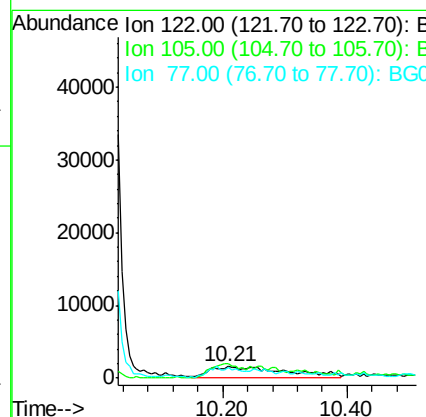
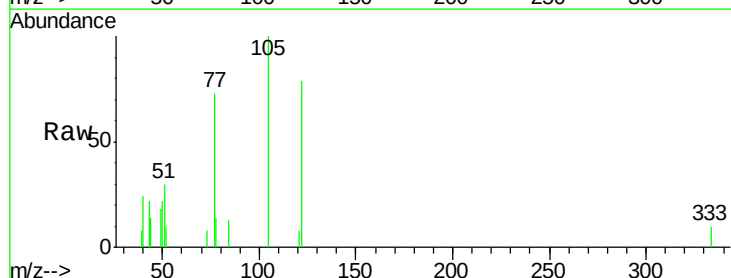
Manual Integrations
APPROVED

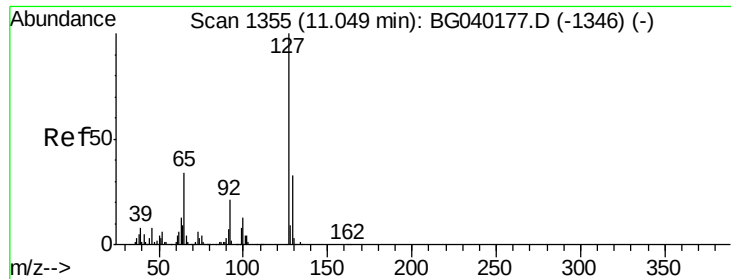
Sohil
4/17/2019 3:33:36 PM



#32
Benzoic acid
Concen: 7.154 ng m
RT: 10.21 min Scan# 1212
Delta R.T. 0.04 min
Lab File: BG040504.D
Acq: 16 Apr 2019 15:28

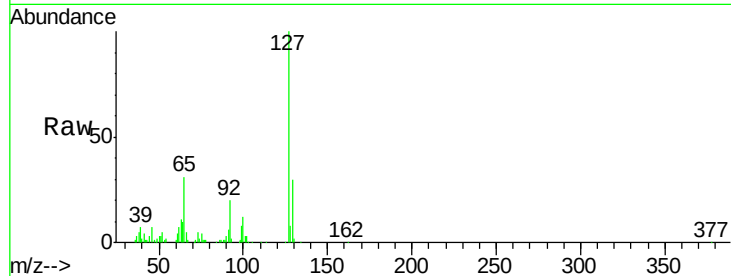
Tgt Ion	Ratio	Resp	Lower	Upper
122	100	13865		
105	127.2		98.2	138.2
77	92.2		73.6	113.6





#33
 4-Chloroaniline
 Concen: 25.520 ng
 RT: 11.03 min Scan# 1351
 Delta R.T. 0.00 min
 Lab File: BG040504.D
 Acq: 16 Apr 2019 15:28

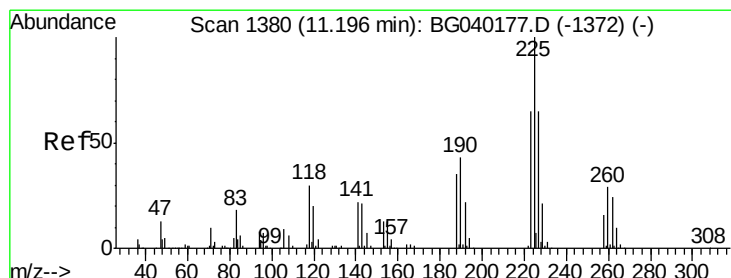
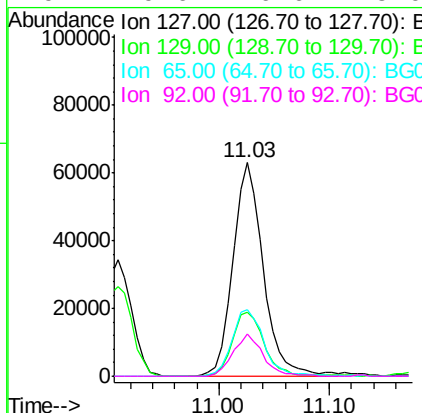
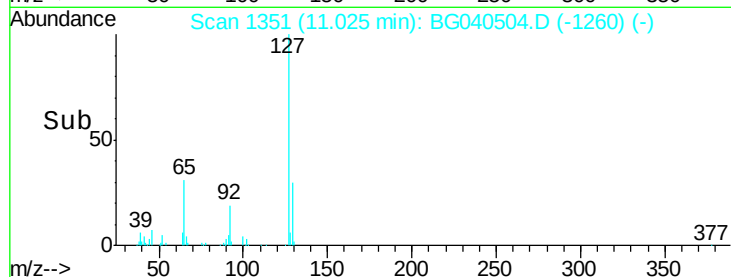
Instrument :
 BNA_G
 ClientSampled :
 TP3-AMS



Tgt Ion	Ratio	Resp	Lower	Upper
127	100	122058		
129	29.9	26.6	40.0	
65	31.4	27.0	40.4	
92	19.6	16.6	25.0	

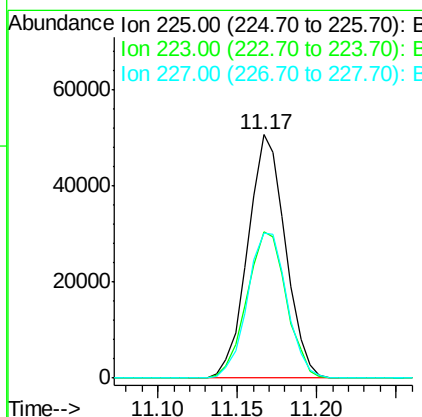
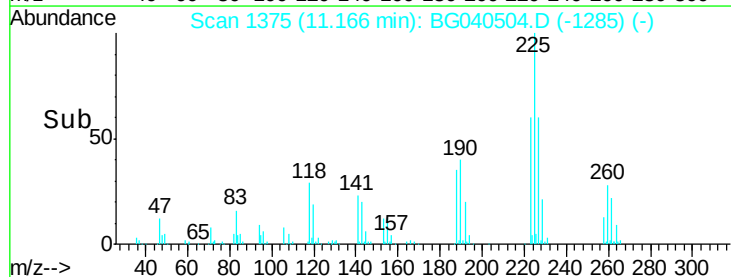
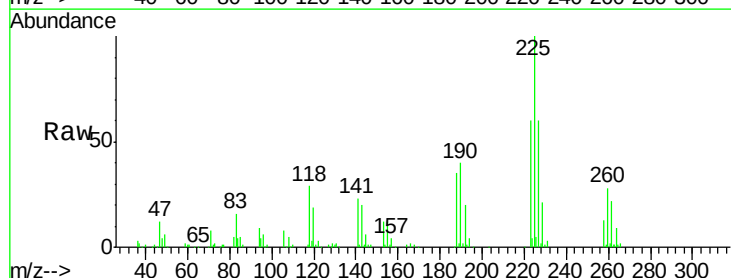
Manual Integrations
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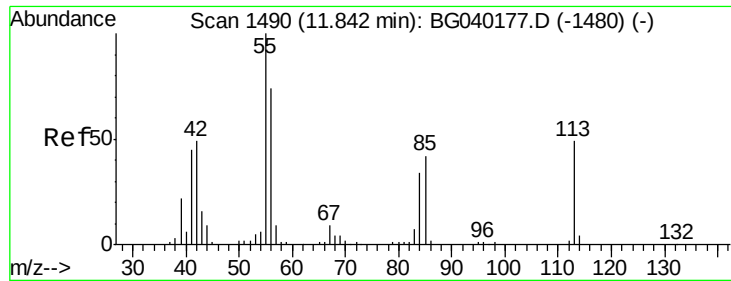
Sohil
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#34
 Hexachlorobutadiene
 Concen: 34.217 ng
 RT: 11.17 min Scan# 1375
 Delta R.T. -0.00 min
 Lab File: BG040504.D
 Acq: 16 Apr 2019 15:28

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	83660		
223	59.9	51.8	77.8	
227	61.9	54.9	82.3	





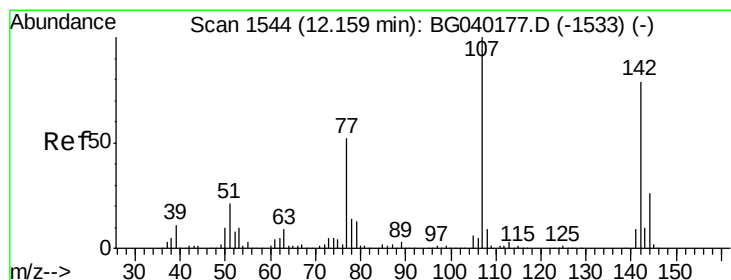
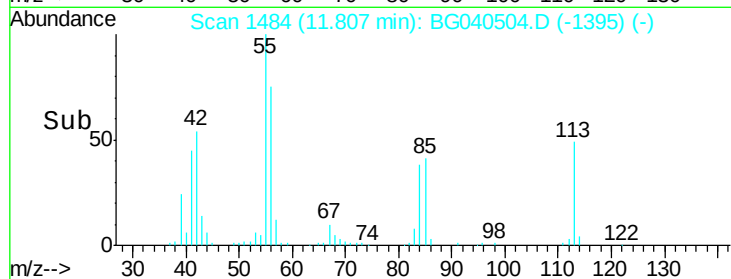
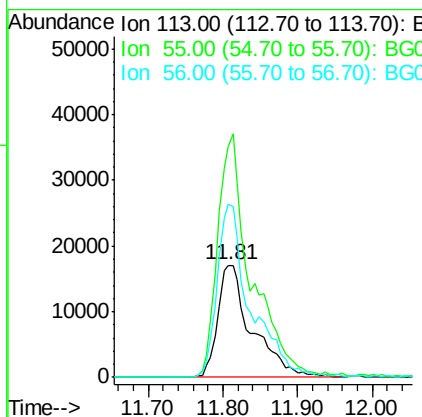
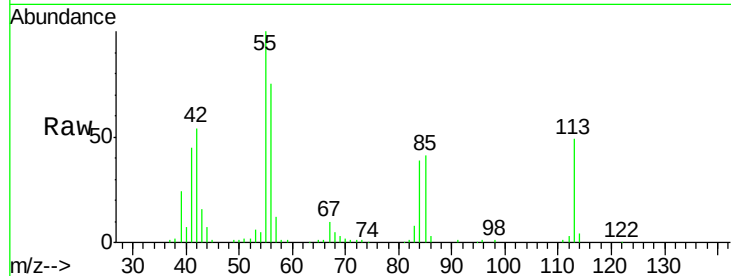
#35
 Caprolactam
 Concen: 39.450 ng
 RT: 11.81 min Scan# 1484
 Delta R.T. -0.01 min
 Lab File: BG040504.D
 Acq: 16 Apr 2019 15:28

Instrument :
 BNA_G
 ClientSampled :
 TP3-AMS

Tgt Ion:113 Resp: 54507
 Ion Ratio Lower Upper
 113 100
 55 206.2 184.2 224.2
 56 154.6 131.3 171.3

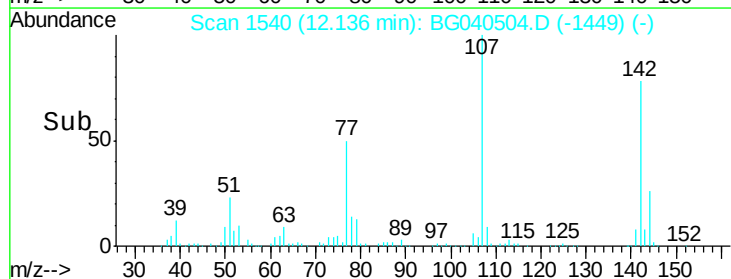
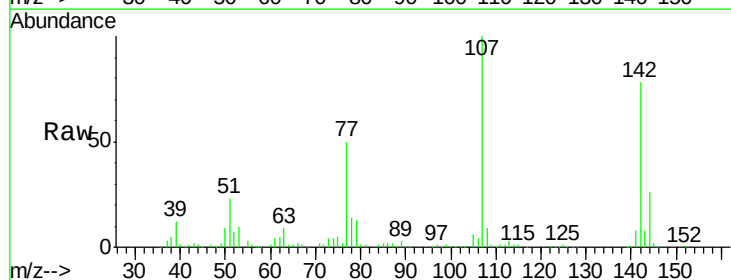
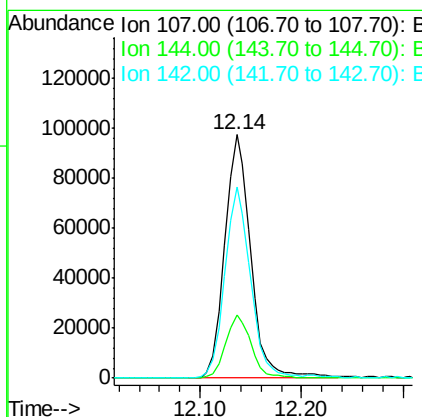
Manual Integrations
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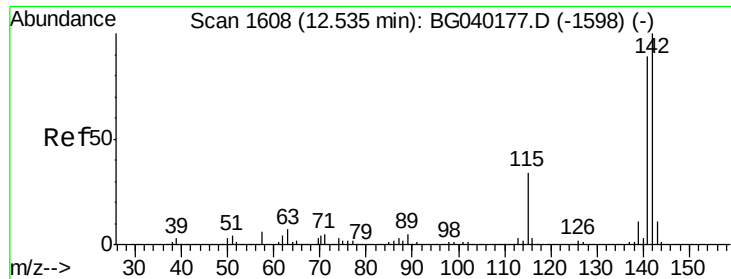
Sohil
 4/17/2019 3:33:36 PM



#36
 4-Chloro-3-methylphenol
 Concen: 43.290 ng
 RT: 12.14 min Scan# 1540
 Delta R.T. 0.00 min
 Lab File: BG040504.D
 Acq: 16 Apr 2019 15:28

Tgt Ion:107 Resp: 173273
 Ion Ratio Lower Upper
 107 100
 144 25.7 20.5 30.7
 142 78.3 63.1 94.7





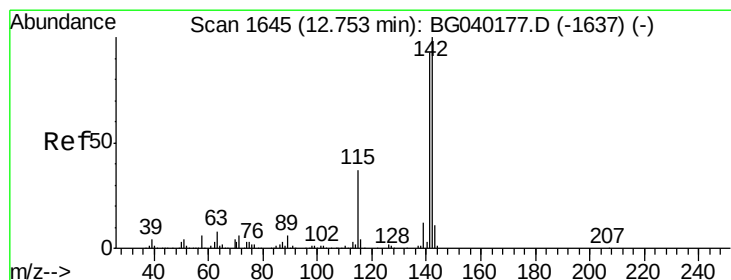
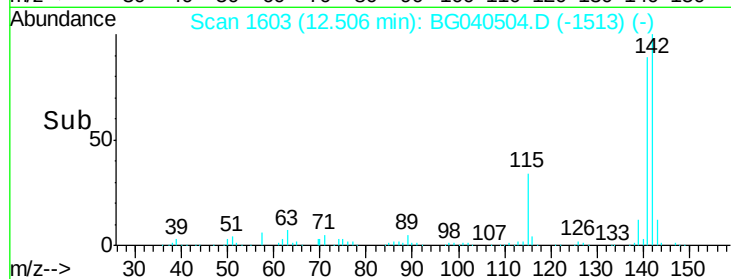
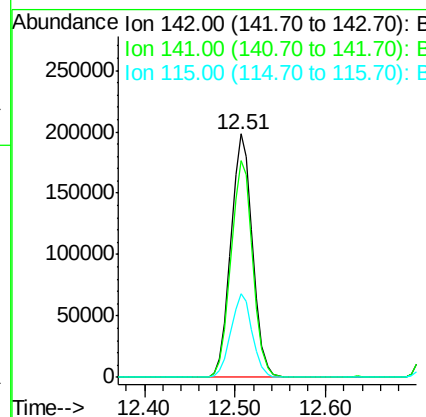
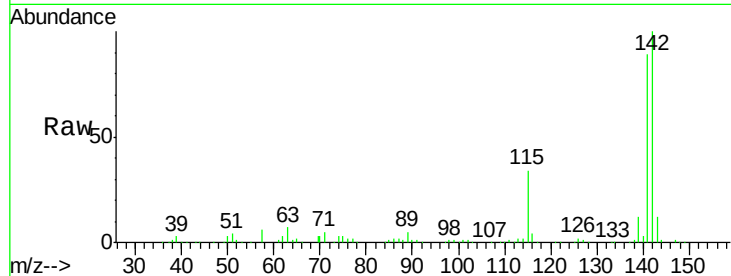
#37
2-Methylnaphthalene
Concen: 39.637 ng
RT: 12.51 min Scan# 1603
Delta R.T. -0.00 min
Lab File: BG040504.D
Acq: 16 Apr 2019 15:28

Instrument :
BNA_G
ClientSampled :
TP3-AMS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.0	106.6
115	34.1	27.3	40.9

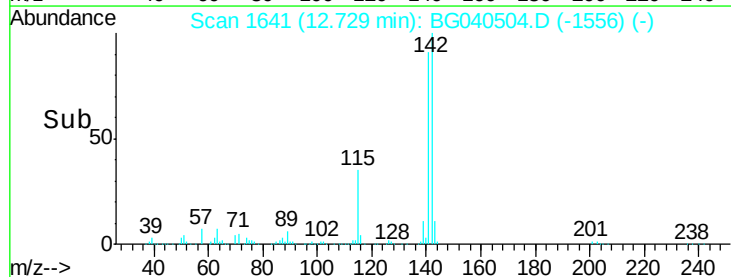
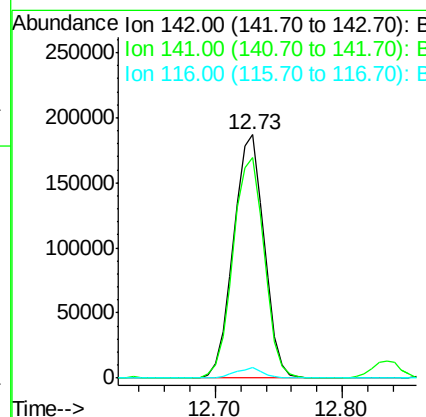
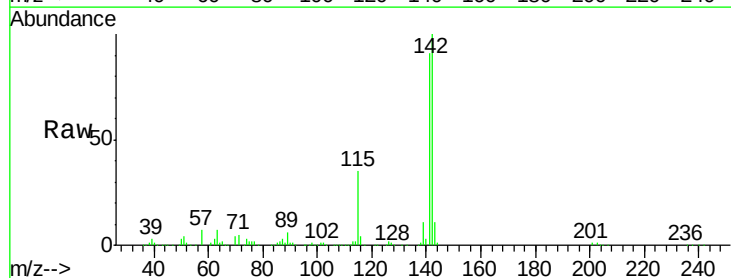
Manual Integrations
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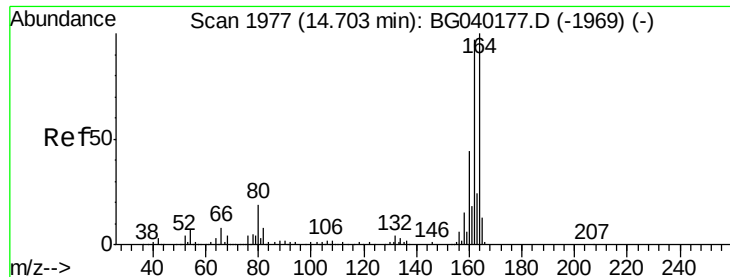
Sohil
4/17/2019 3:33:36 PM



#38
1-Methylnaphthalene
Concen: 38.926 ng
RT: 12.73 min Scan# 1641
Delta R.T. 0.00 min
Lab File: BG040504.D
Acq: 16 Apr 2019 15:28

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.8	74.2	111.4
116	4.4	3.0	4.4





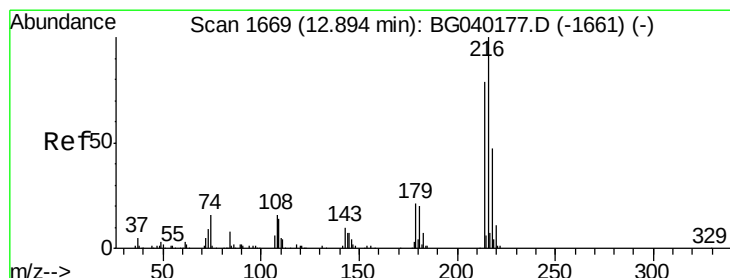
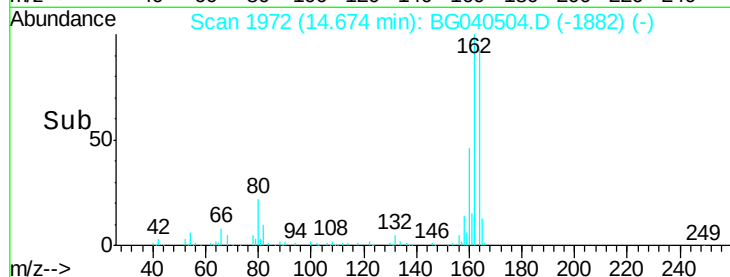
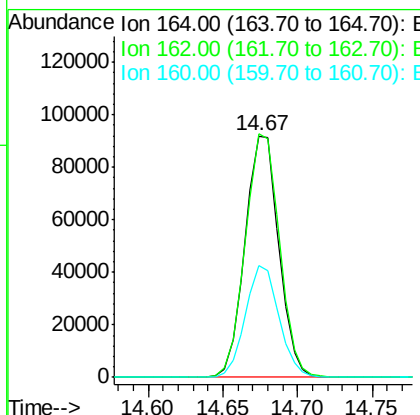
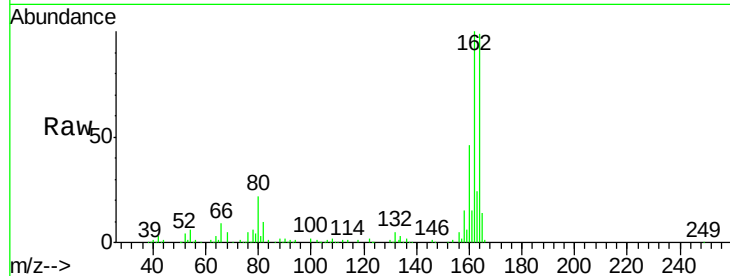
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.00 min
Lab File: BG040504.D
Acq: 16 Apr 2019 15:28

Instrument :
BNA_G
ClientSampleId :
TP3-AMS

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.8	77.4	116.2
160	46.4	35.3	52.9

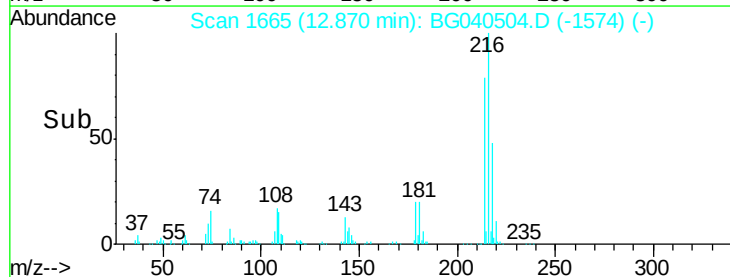
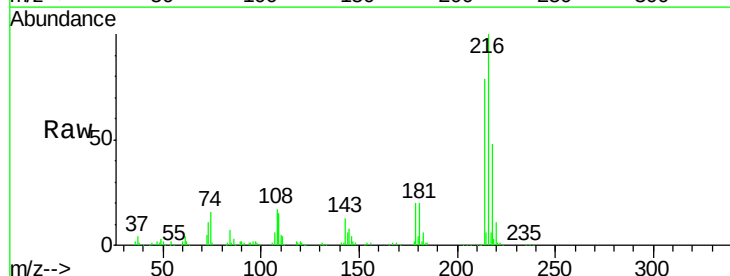
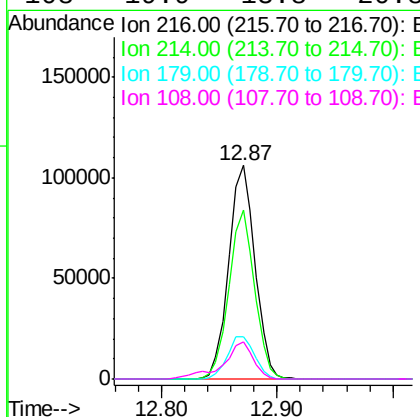
Manual Integrations
APPROVED

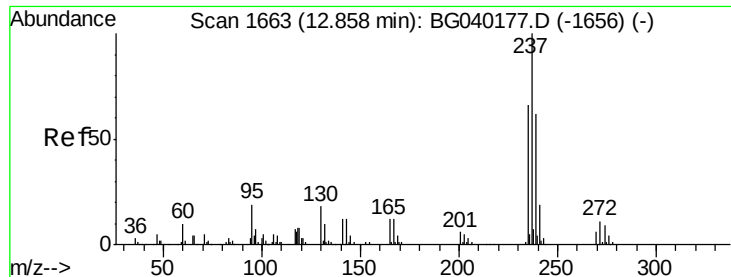
Sohil
4/17/2019 3:33:36 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.696 ng
RT: 12.87 min Scan# 1665
Delta R.T. 0.00 min
Lab File: BG040504.D
Acq: 16 Apr 2019 15:28

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.4	63.5	95.3
179	20.6	16.6	25.0
108	19.9	13.8	20.8





#41

Hexachlorocyclopentadiene

Concen: 67.616 ng

RT: 12.84 min Scan# 1659

Delta R.T. 0.00 min

Lab File: BG040504.D

Acq: 16 Apr 2019 15:28

Instrument :

BNA_G

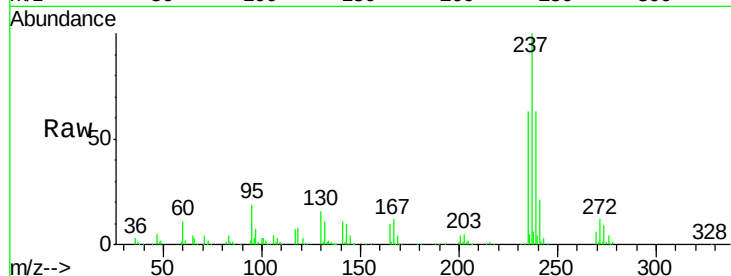
ClientSampleId :

TP3-AMS

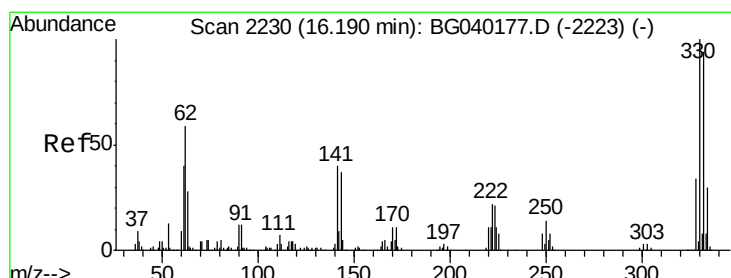
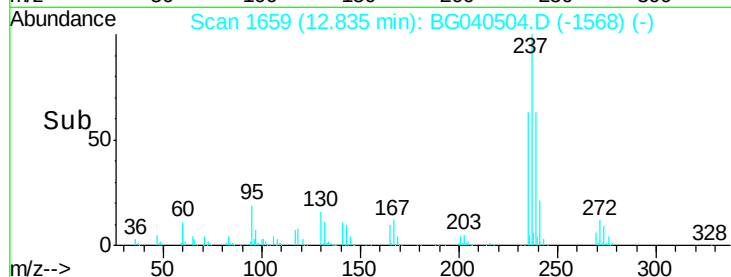
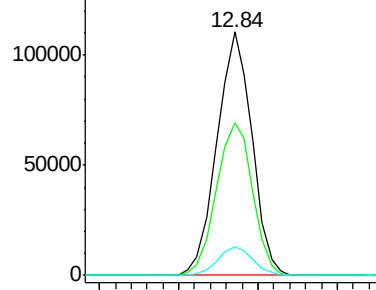
Tgt Ion:	237	Resp:	168936
Ion Ratio	Lower	Upper	
237	100		
235	62.6	46.2	86.2
272	11.8	0.0	30.5

Manual Integrations
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4/17/2019 3:33:36 PM



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



#42

2,4,6-Tribromophenol

Concen: 134.723 ng

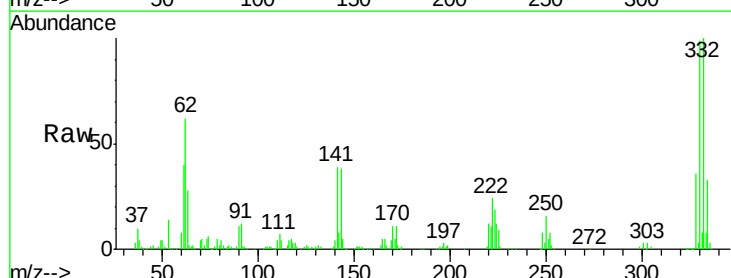
RT: 16.17 min Scan# 2226

Delta R.T. 0.00 min

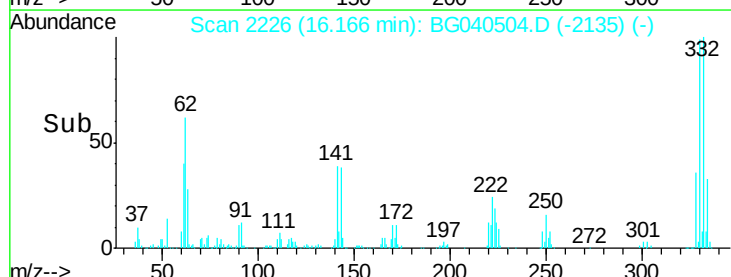
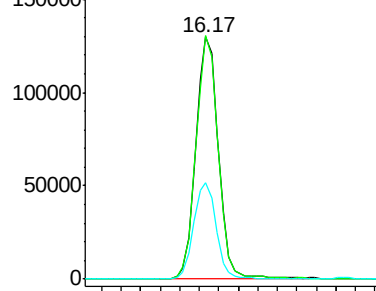
Lab File: BG040504.D

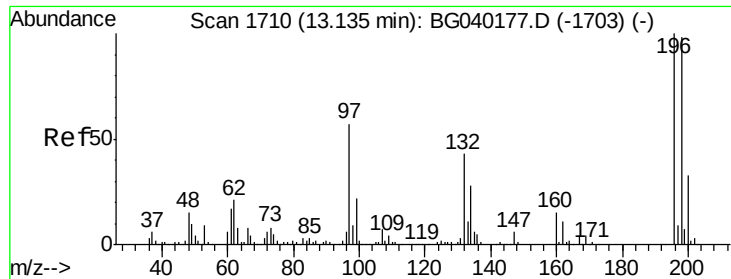
Acq: 16 Apr 2019 15:28

Tgt Ion:	330	Resp:	208451
Ion Ratio	Lower	Upper	
330	100		
332	98.4	76.6	115.0
141	40.3	32.6	48.8



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





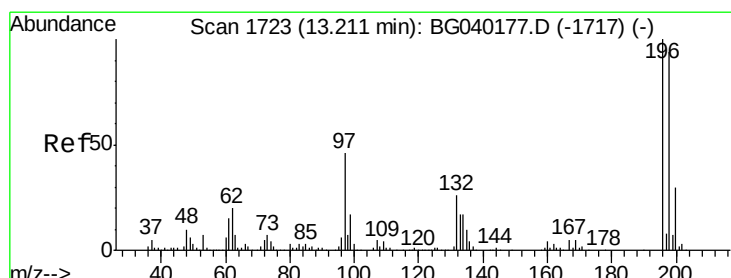
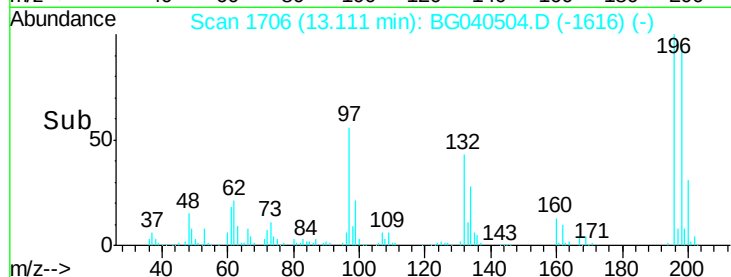
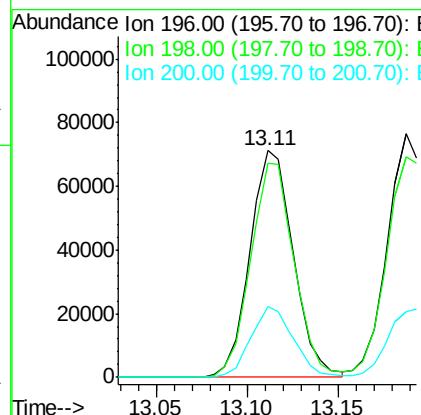
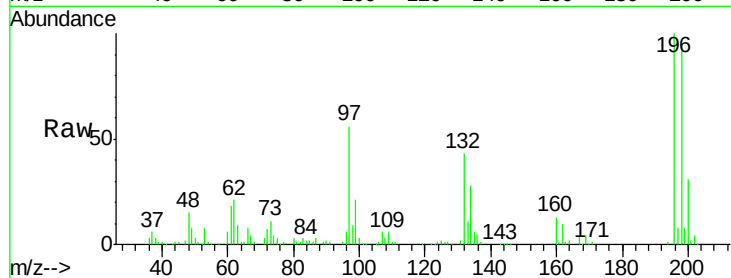
#43
 2,4,6-Trichlorophenol
 Concen: 40.440 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: BG040504.D
 Acq: 16 Apr 2019 15:28

Instrument :
 BNA_G
 ClientSampled :
 TP3-AMS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	118639		
198	94.7	78.3	117.5	
200	31.4	26.0	39.0	

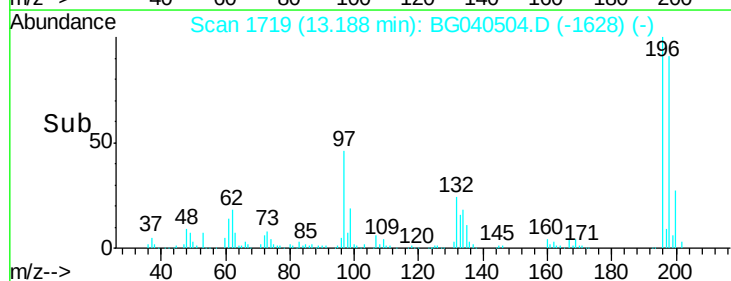
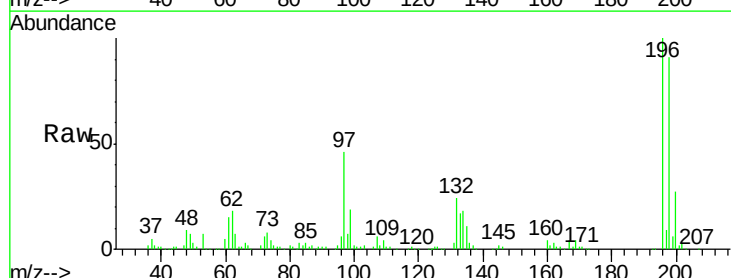
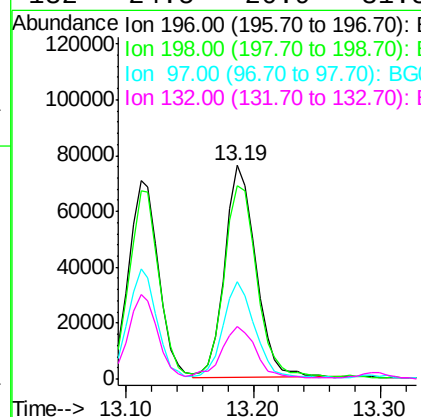
Manual Integrations
 APPROVED

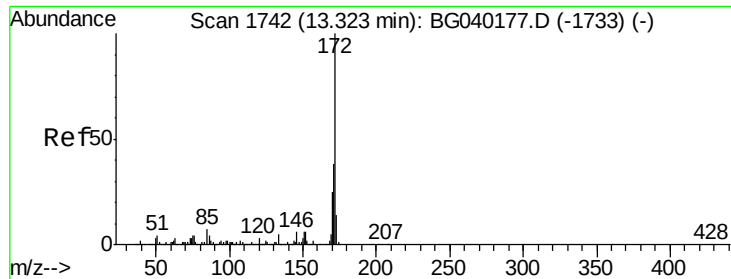
Sohil
 4/17/2019 3:33:36 PM



#44
 2,4,5-Trichlorophenol
 Concen: 40.813 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. 0.00 min
 Lab File: BG040504.D
 Acq: 16 Apr 2019 15:28

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	130509		
198	90.8	75.0	112.6	
97	45.8	37.3	55.9	
132	24.5	20.9	31.3	





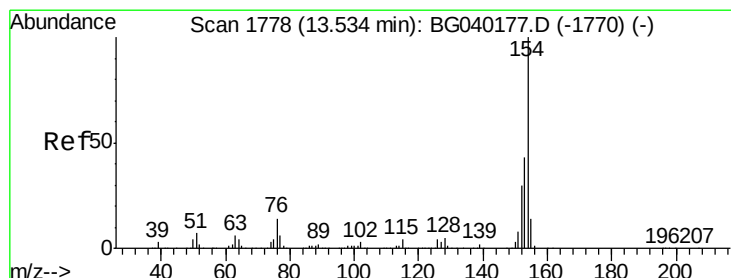
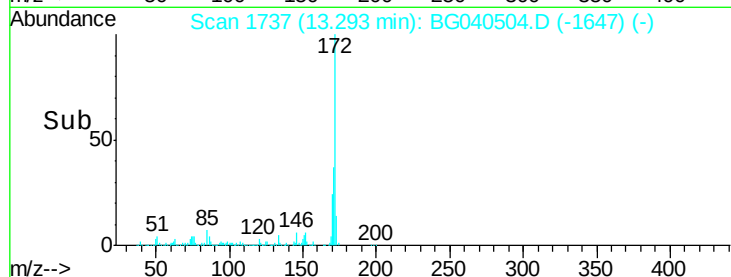
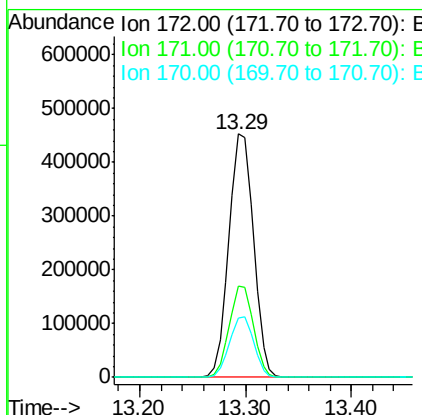
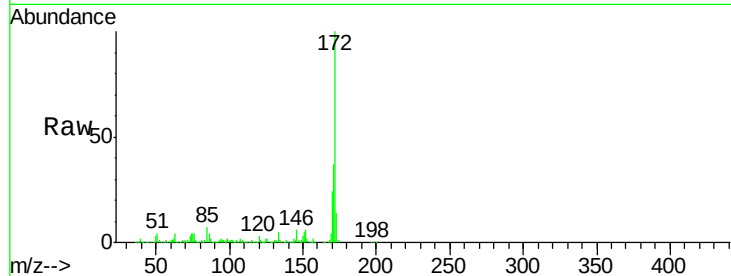
#45
2-Fluorobiphenyl
Concen: 75.448 ng
RT: 13.29 min Scan# 1737
Delta R.T. -0.00 min
Lab File: BG040504.D
Acq: 16 Apr 2019 15:28

Instrument :
BNA_G
ClientSampleId :
TP3-AMS

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.5	45.7
170	24.3	20.1	30.1

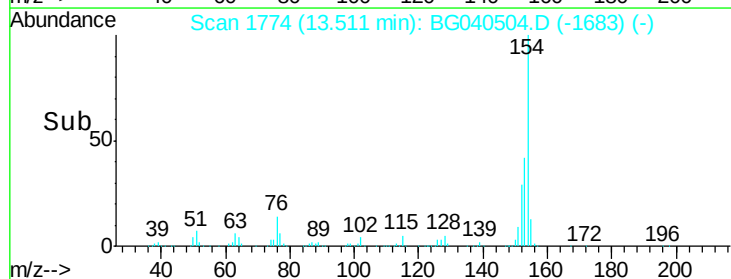
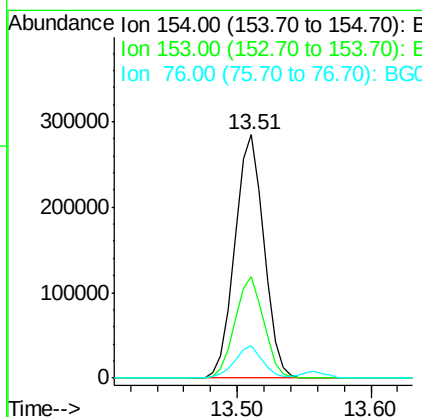
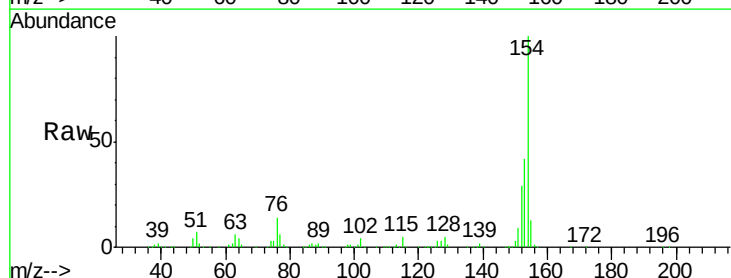
Manual Integrations
APPROVED

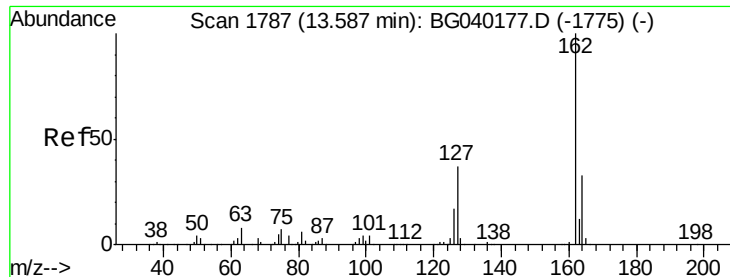
Sohil
4/17/2019 3:33:36 PM



#46
1,1'-Biphenyl
Concen: 37.910 ng
RT: 13.51 min Scan# 1774
Delta R.T. 0.00 min
Lab File: BG040504.D
Acq: 16 Apr 2019 15:28

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.7	22.5	62.5
76	13.5	0.0	33.7





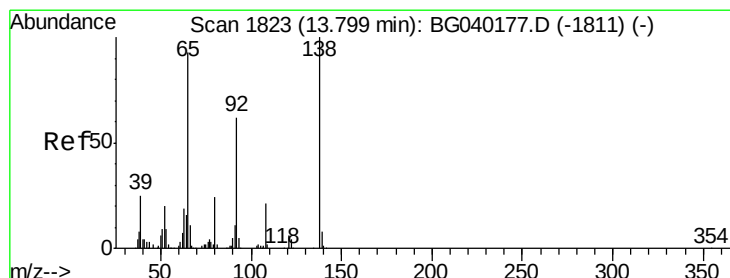
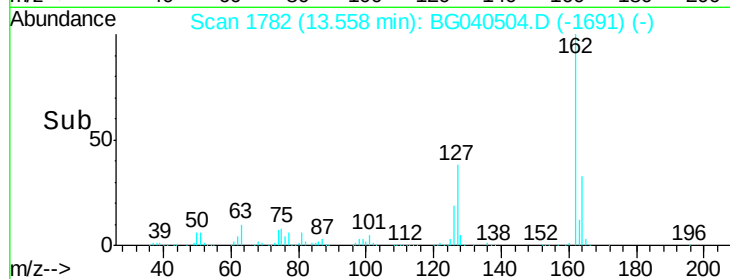
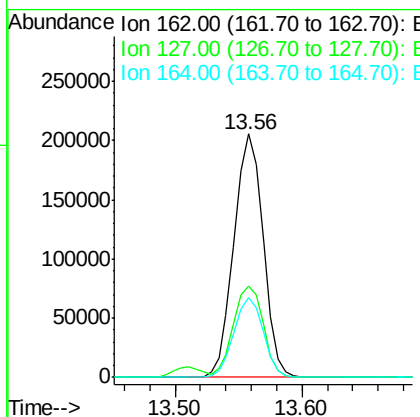
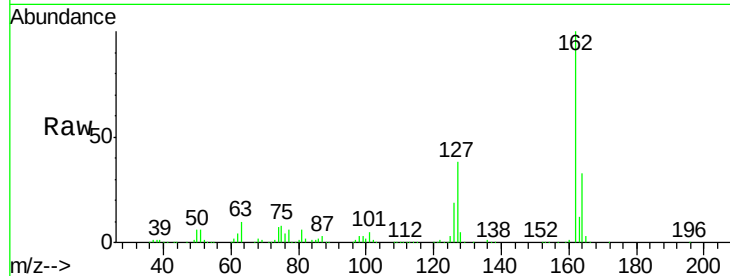
#47
 2-Chloronaphthalene
 Concen: 37.856 ng
 RT: 13.56 min Scan# 1782
 Delta R.T. 0.00 min
 Lab File: BG040504.D
 Acq: 16 Apr 2019 15:28

Instrument :
 BNA_G
 ClientSampled :
 TP3-AMS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	328477		
127	37.7	30.6	45.8	
164	32.7	26.2	39.4	

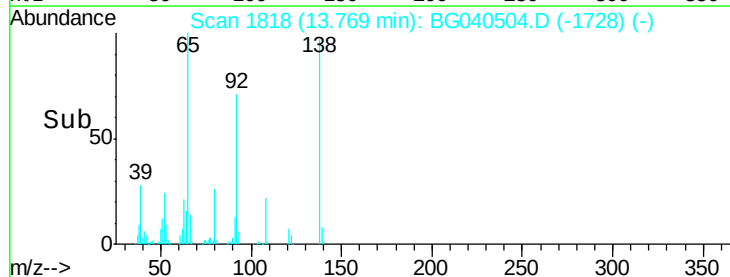
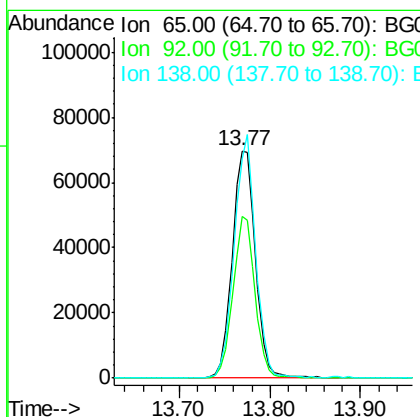
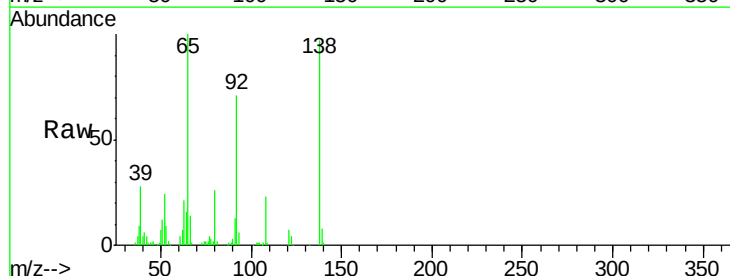
Manual Integrations
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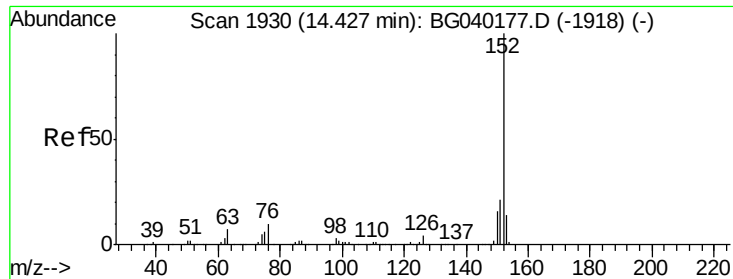
Sohil
 4/17/2019 3:33:36 PM



#48
 2-Nitroaniline
 Concen: 42.686 ng
 RT: 13.77 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: BG040504.D
 Acq: 16 Apr 2019 15:28

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	124935		
92	71.3	53.8	80.6	
138	96.5	86.3	129.5	





#49

Acenaphthylene

Concen: 38.151 ng

RT: 14.40 min Scan# 1926

Delta R.T. 0.00 min

Lab File: BG040504.D

Acq: 16 Apr 2019 15:28

Instrument :

BNA_G

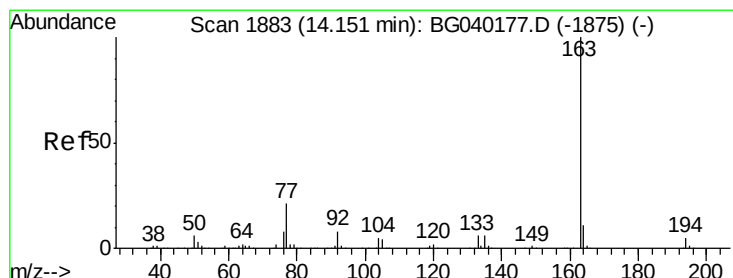
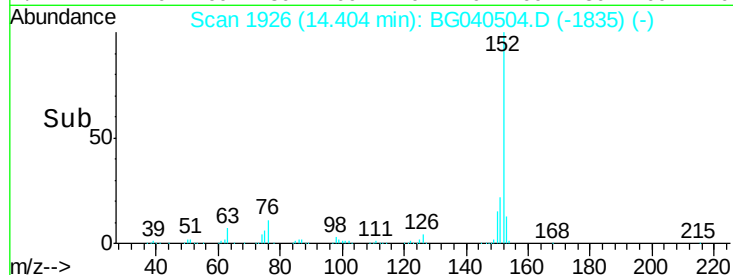
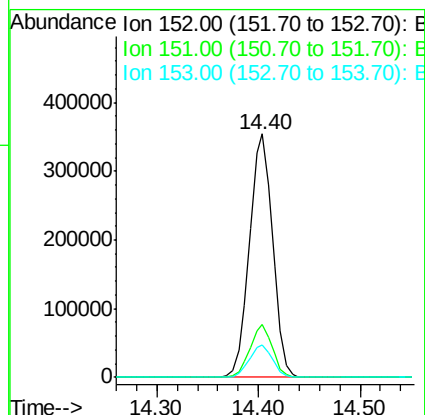
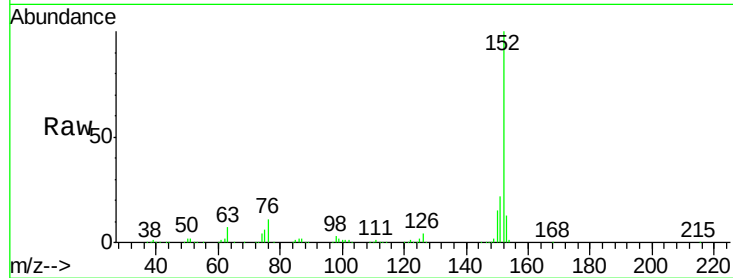
ClientSampleId :

TP3-AMS

Tgt Ion:	152	Resp:	561260
Ion Ratio	Lower	Upper	
152	100		
151	21.6	17.0	25.6
153	13.1	10.8	16.2

Manual Integrations
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#50

Dimethylphthalate

Concen: 51.541 ng

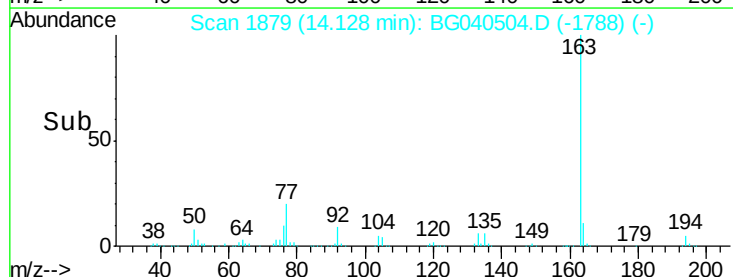
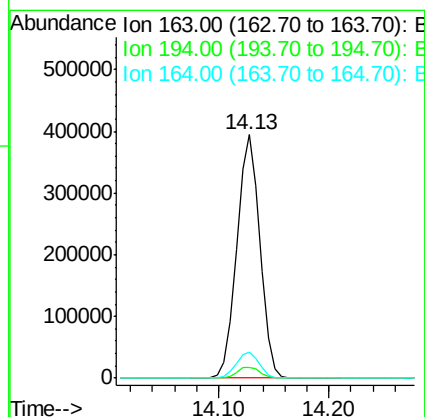
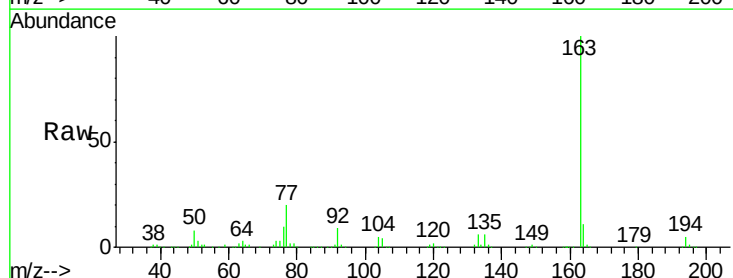
RT: 14.13 min Scan# 1879

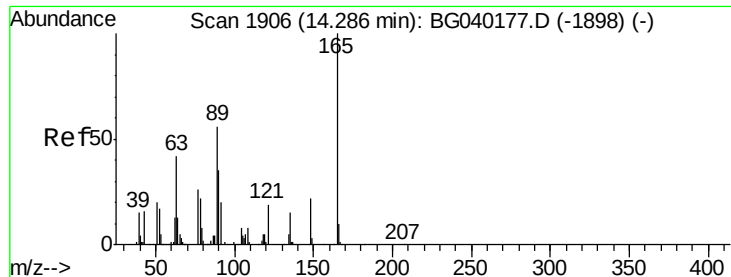
Delta R.T. 0.00 min

Lab File: BG040504.D

Acq: 16 Apr 2019 15:28

Tgt Ion:	163	Resp:	577505
Ion Ratio	Lower	Upper	
163	100		
194	4.6	4.1	6.1
164	10.9	8.6	13.0





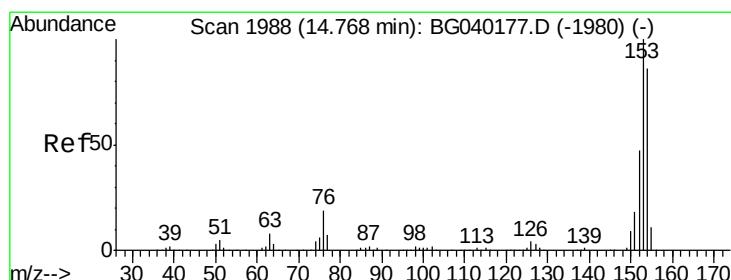
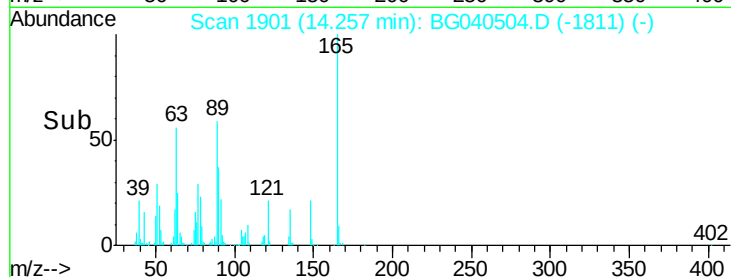
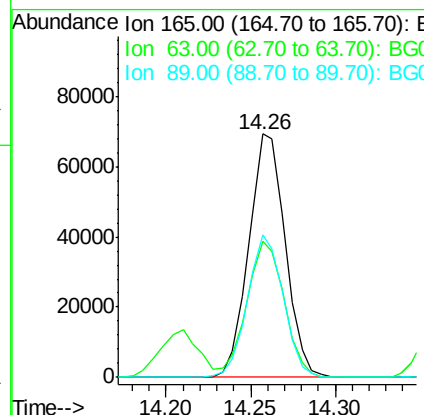
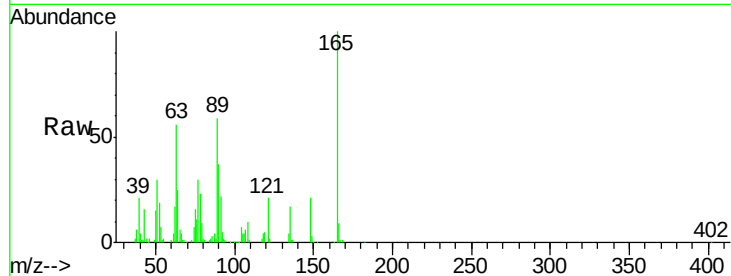
#51
 2,6-Dinitrotoluene
 Concen: 41.262 ng
 RT: 14.26 min Scan# 1901
 Delta R.T. -0.00 min
 Lab File: BG040504.D
 Acq: 16 Apr 2019 15:28

Instrument :
 BNA_G
 ClientSampleId :
 TP3-AMS

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	55.8	44.1	66.1
89	58.6	44.9	67.3

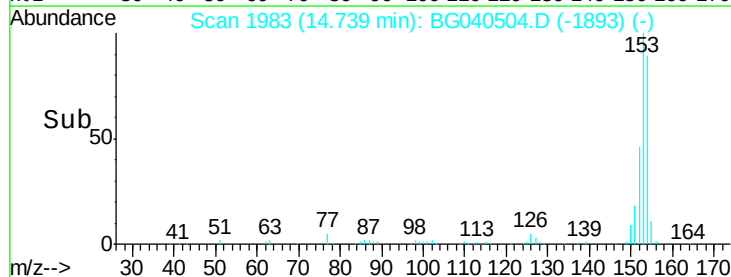
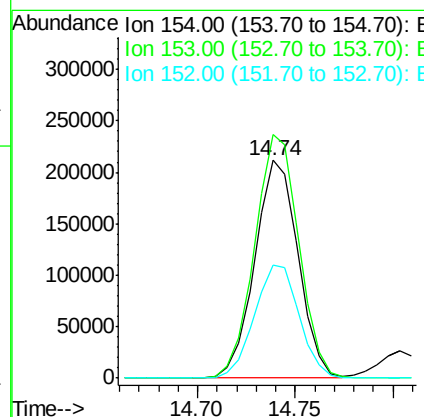
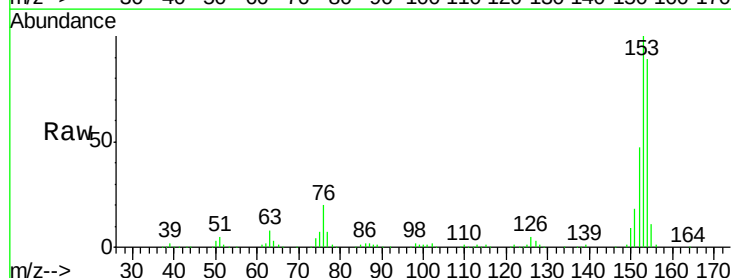
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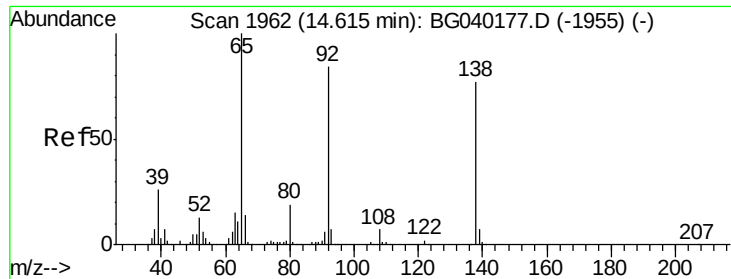
Sohil
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#52
 Acenaphthene
 Concen: 38.546 ng
 RT: 14.74 min Scan# 1983
 Delta R.T. -0.00 min
 Lab File: BG040504.D
 Acq: 16 Apr 2019 15:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	111.8	92.8	139.2
152	52.1	43.4	65.2





#53

3-Nitroaniline

Concen: 31.400 ng

RT: 14.60 min Scan# 1959

Delta R.T. 0.00 min

Lab File: BG040504.D

Acq: 16 Apr 2019 15:28

Instrument :

BNA_G

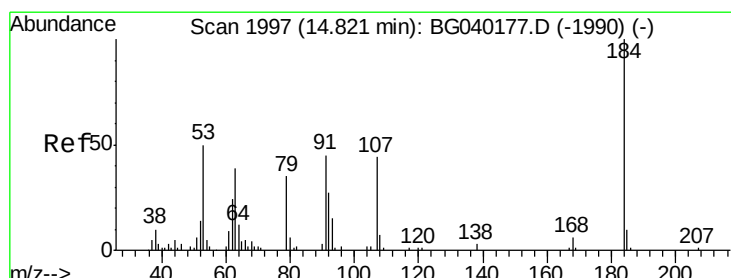
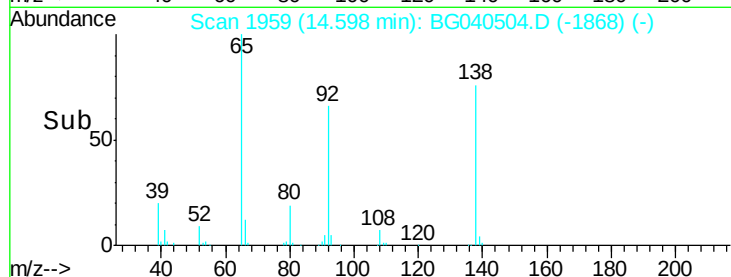
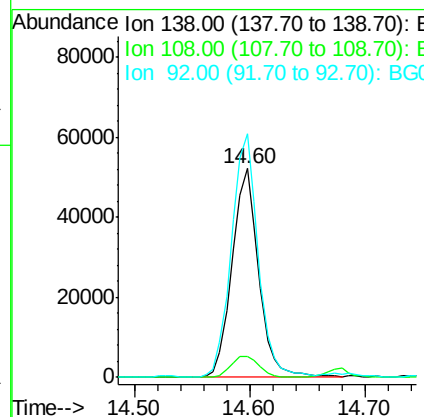
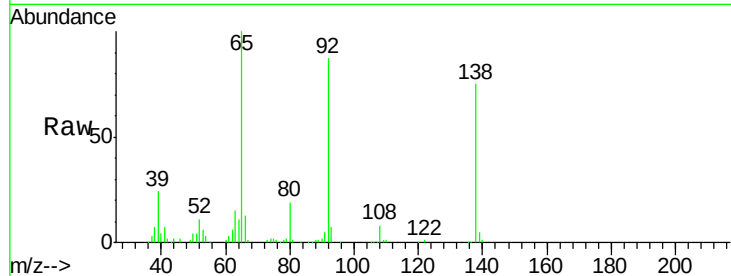
ClientSampleId :

TP3-AMS

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.3	7.8	11.8
92	116.7	87.5	131.3

Manual Integrations
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4/17/2019 3:33:36 PM



#54

2,4-Dinitrophenol

Concen: 65.761 ng

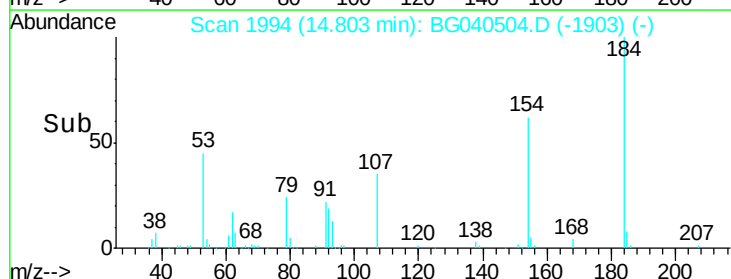
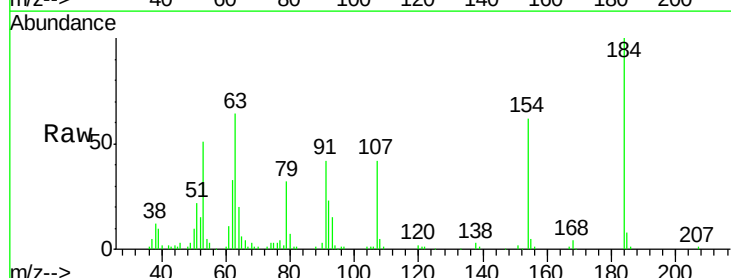
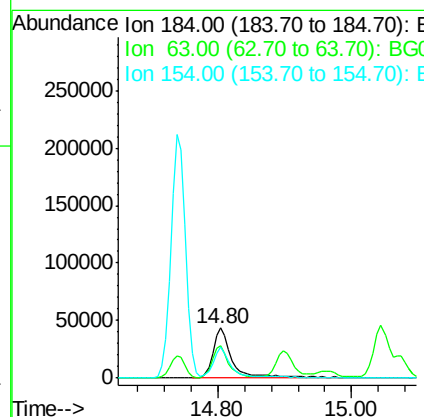
RT: 14.80 min Scan# 1994

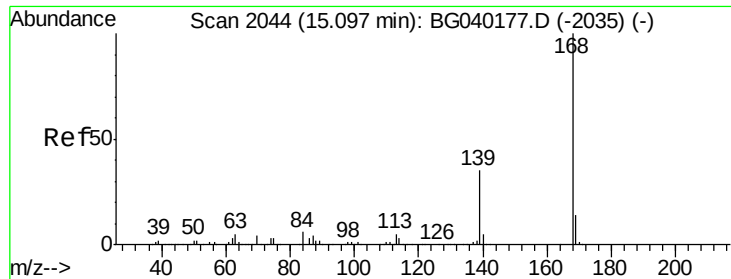
Delta R.T. 0.00 min

Lab File: BG040504.D

Acq: 16 Apr 2019 15:28

Tgt Ion	Ratio	Lower	Upper
184	100		
63	64.4	51.8	77.8
154	62.0	50.9	76.3





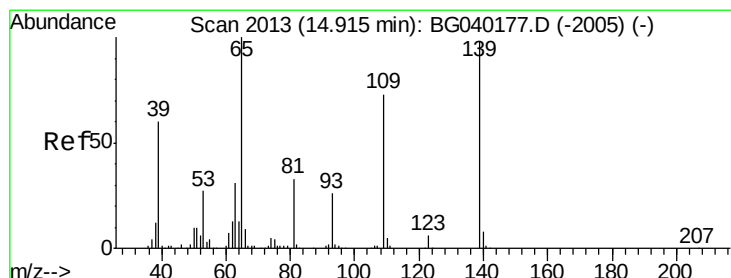
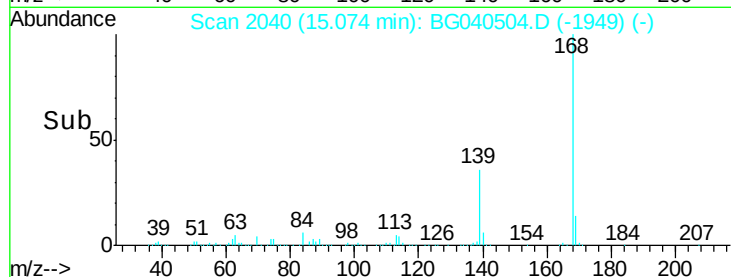
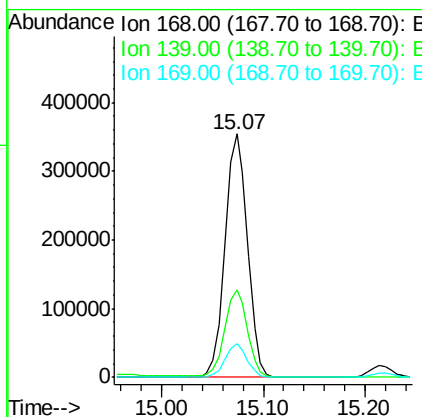
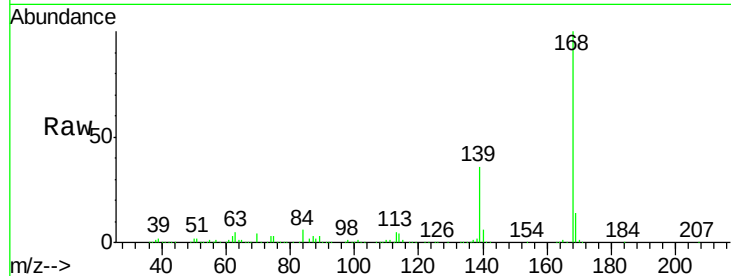
#55
Dibenzofuran
Concen: 39.933 ng
RT: 15.07 min Scan# 2040
Delta R.T. 0.00 min
Lab File: BG040504.D
Acq: 16 Apr 2019 15:28

Instrument :
BNA_G
ClientSampleId :
TP3-AMS

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	540919		
139	36.1	27.9	41.9	
169	13.7	11.3	16.9	

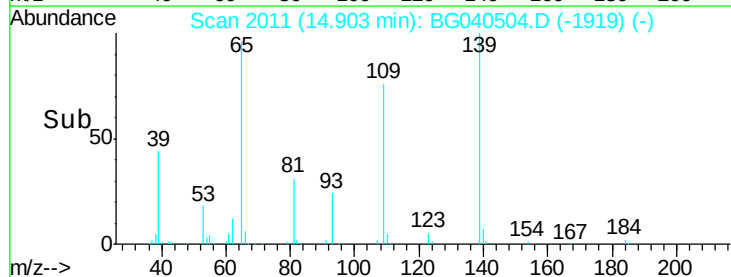
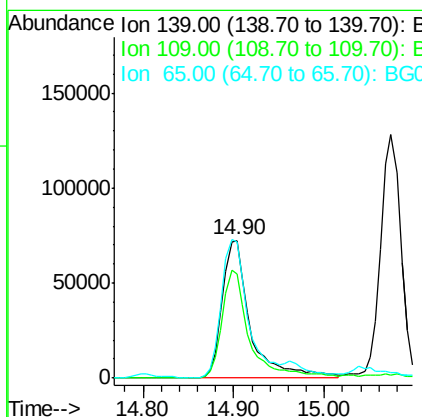
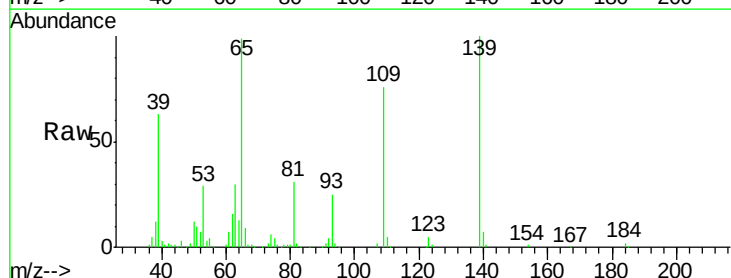
Manual Integrations
APPROVED

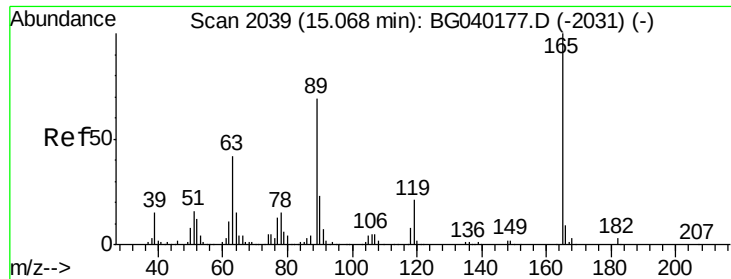
Sohil
4/17/2019 3:33:36 PM



#56
4-Nitrophenol
Concen: 72.750 ng
RT: 14.90 min Scan# 2011
Delta R.T. 0.01 min
Lab File: BG040504.D
Acq: 16 Apr 2019 15:28

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	156367		
109	75.9	54.3	94.3	
65	98.7	82.5	122.5	





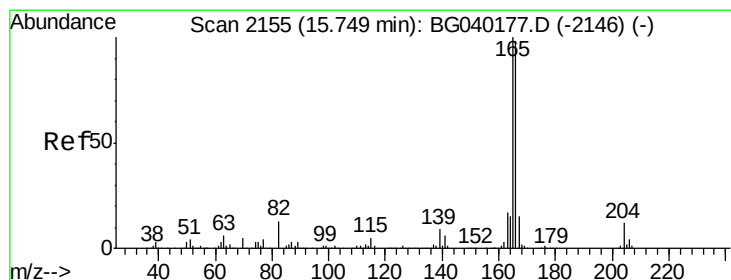
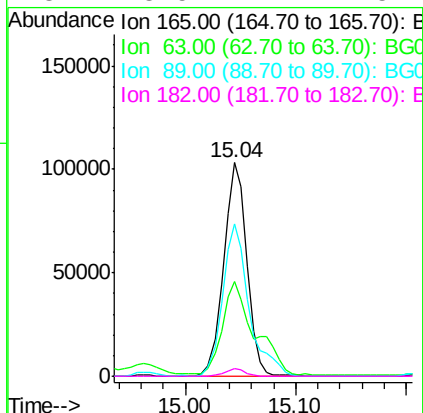
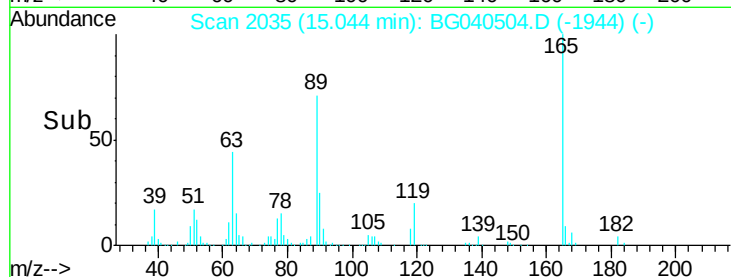
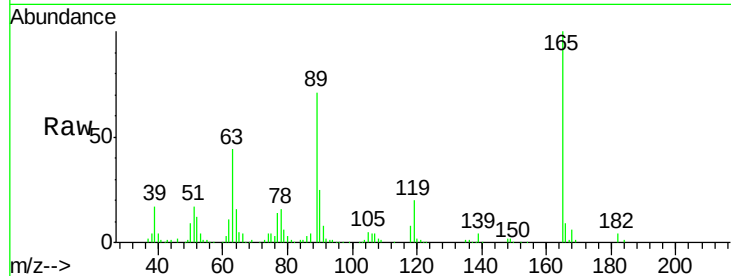
#57
2,4-Dinitrotoluene
Concen: 43.426 ng
RT: 15.04 min Scan# 2035
Delta R.T. 0.00 min
Lab File: BG040504.D
Acq: 16 Apr 2019 15:28

Instrument :
BNA_G
ClientSampleId :
TP3-AMS

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	44.3	33.8	50.6
89	71.4	55.4	83.2
182	3.5	2.2	3.4

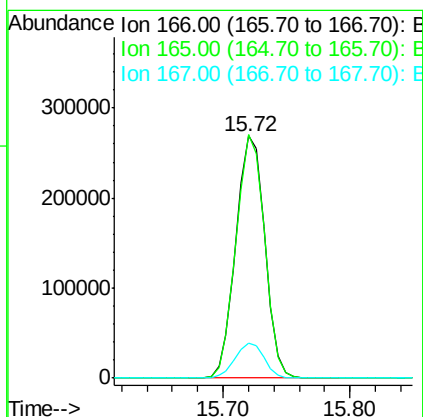
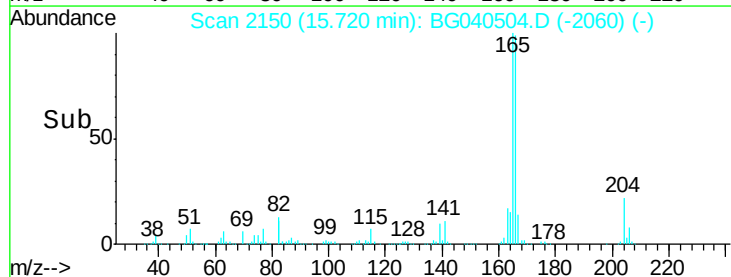
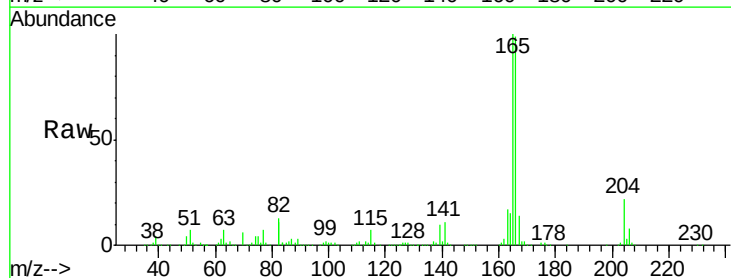
Manual Integrations
APPROVED

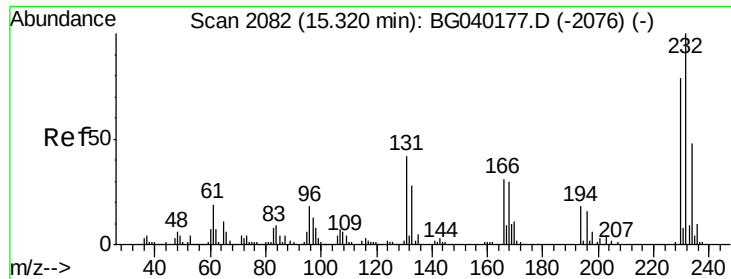
Sohil
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#58
Fluorene
Concen: 39.903 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.00 min
Lab File: BG040504.D
Acq: 16 Apr 2019 15:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		
165	100.6	81.7	122.5
167	14.5	11.9	17.9





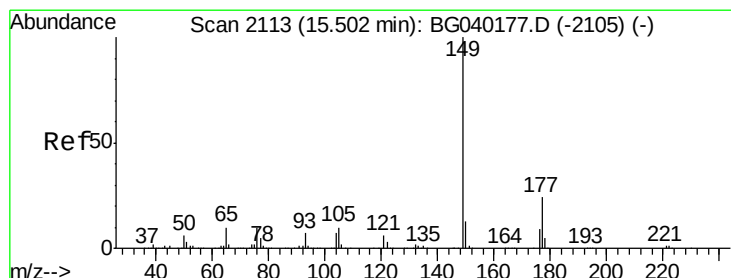
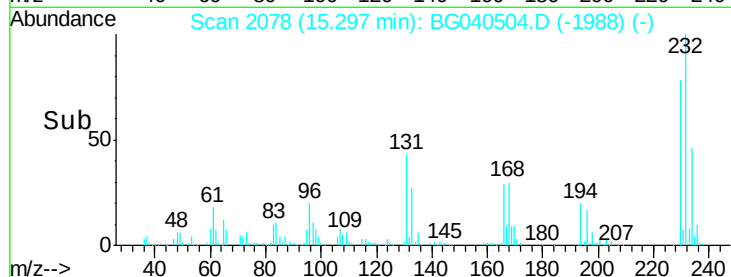
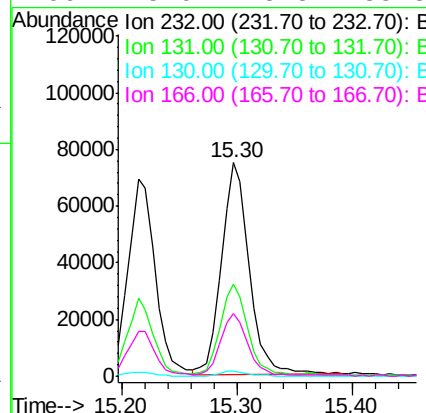
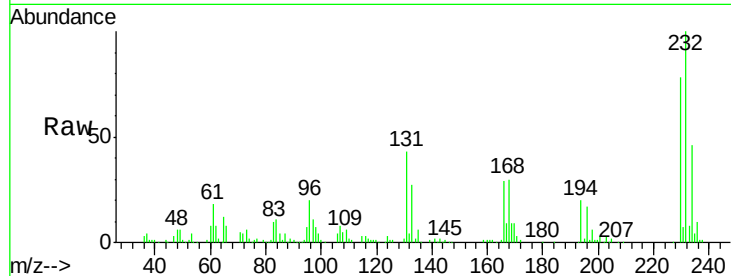
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.186 ng
RT: 15.30 min Scan# 2078
Delta R.T. -0.00 min
Lab File: BG040504.D
Acq: 16 Apr 2019 15:28

Instrument :
BNA_G
ClientSampled :
TP3-AMS

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	125316		
131	41.3	32.9	49.3	
130	2.5	1.8	2.8	
166	28.0	23.5	35.3	

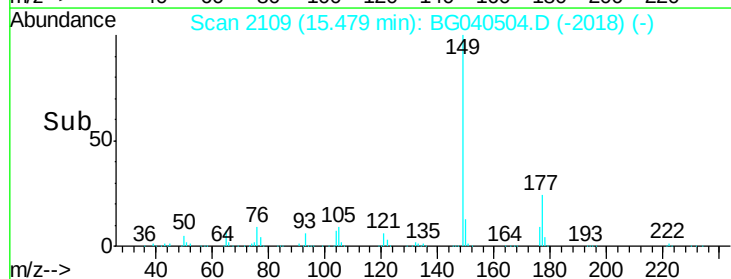
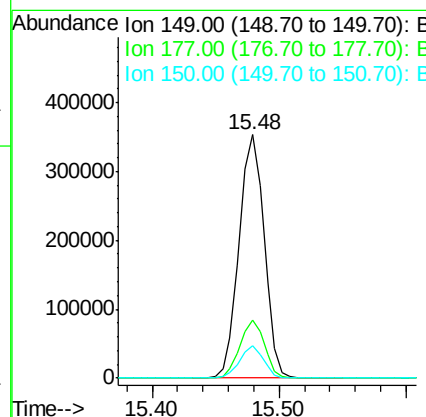
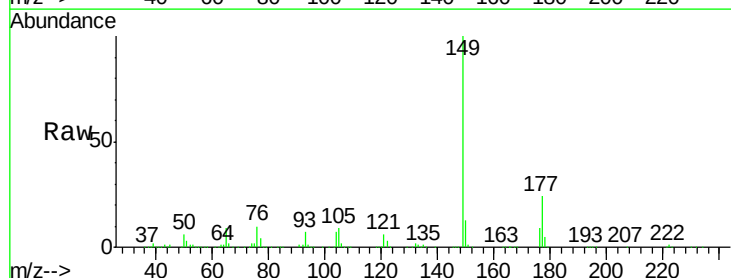
Manual Integrations
APPROVED

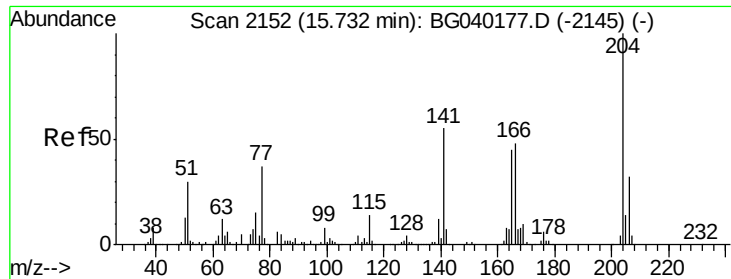
Sohil
4/17/2019 3:33:36 PM



#60
Diethylphthalate
Concen: 42.140 ng
RT: 15.48 min Scan# 2109
Delta R.T. 0.00 min
Lab File: BG040504.D
Acq: 16 Apr 2019 15:28

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	483165		
177	23.6	19.1	28.7	
150	13.4	10.6	15.8	





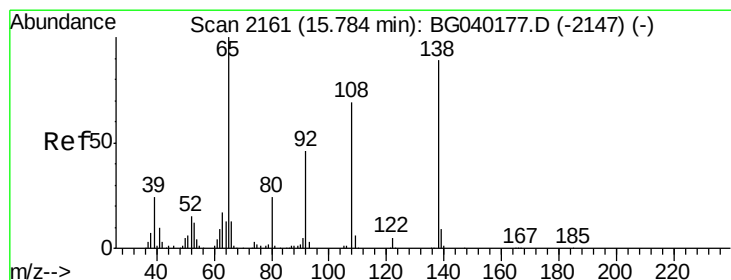
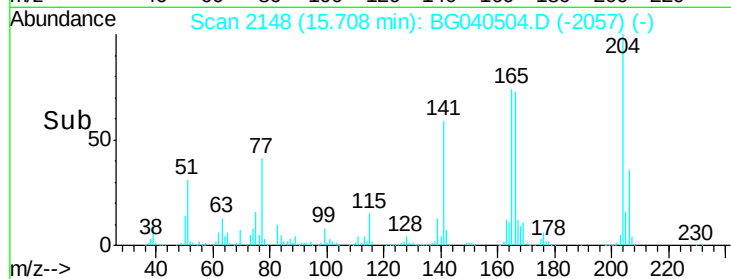
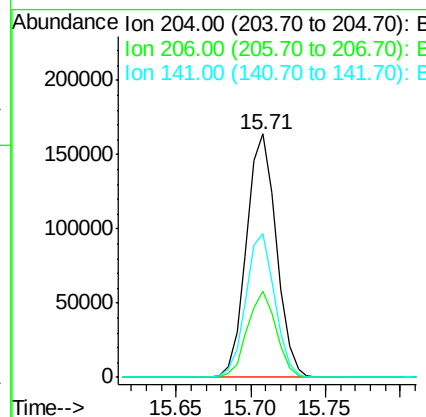
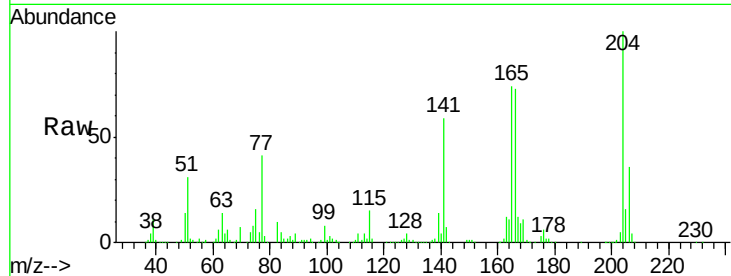
#61
 4-Chlorophenyl-phenylether
 Concen: 39.760 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. 0.00 min
 Lab File: BG040504.D
 Acq: 16 Apr 2019 15:28

Instrument :
 BNA_G
 ClientSampled :
 TP3-AMS

Tgt Ion	Ratio	Lower	Upper
204	100		
206	35.5	25.7	38.5
141	59.0	44.0	66.0

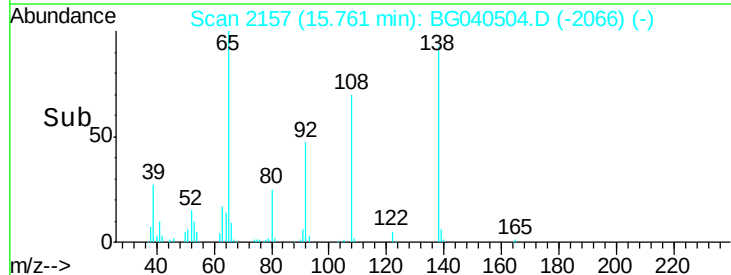
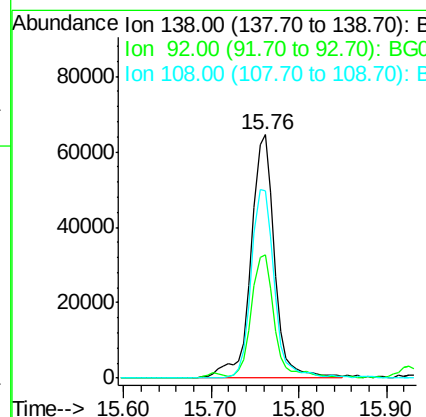
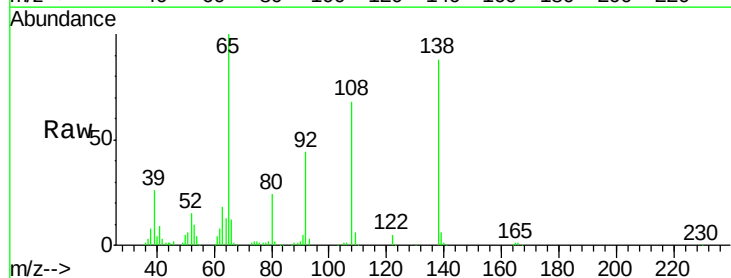
Manual Integrations
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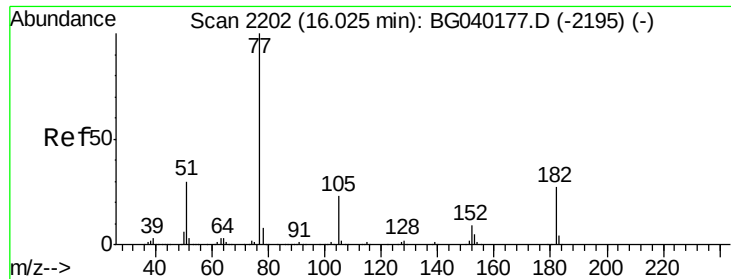
Sohil
 4/17/2019 3:33:36 PM



#62
 4-Nitroaniline
 Concen: 41.116 ng
 RT: 15.76 min Scan# 2157
 Delta R.T. 0.00 min
 Lab File: BG040504.D
 Acq: 16 Apr 2019 15:28

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.8	31.8	71.8
108	77.1	57.2	97.2





#63

Azobenzene

Concen: 40.389 ng

RT: 16.00 min Scan# 2198

Delta R.T. 0.00 min

Lab File: BG040504.D

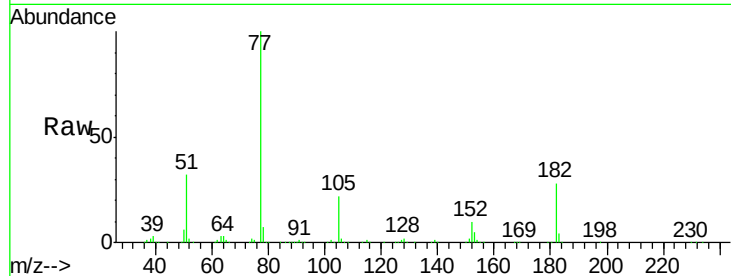
Acq: 16 Apr 2019 15:28

Instrument :

BNA_G

ClientSampleId :

TP3-AMS



Tgt Ion: 77 Resp: 436812

Ion Ratio Lower Upper

77 100

182 28.0 7.2 47.2

105 21.9 2.8 42.8

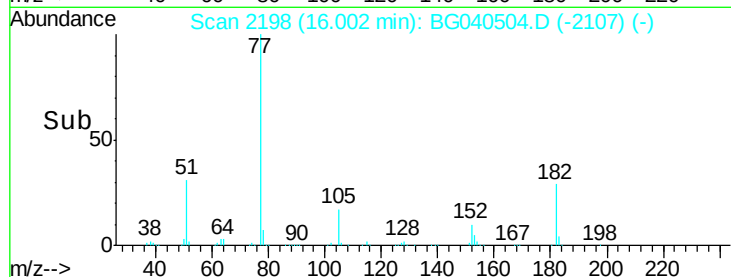
51 31.9 10.4 50.4

Manual Integrations

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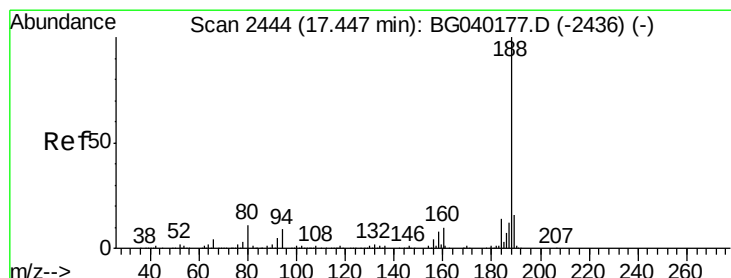
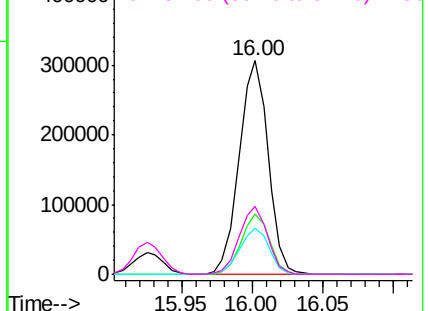


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2440

Delta R.T. 0.00 min

Lab File: BG040504.D

Acq: 16 Apr 2019 15:28

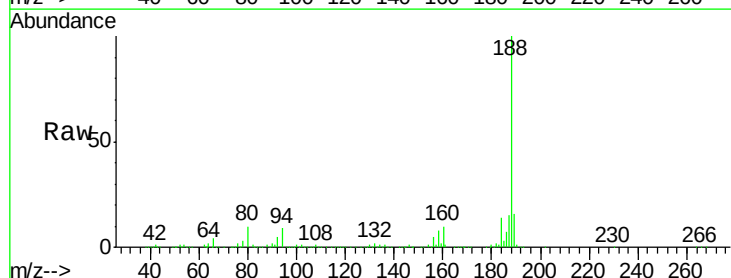
Tgt Ion: 188 Resp: 358714

Ion Ratio Lower Upper

188 100

94 8.7 7.0 10.4

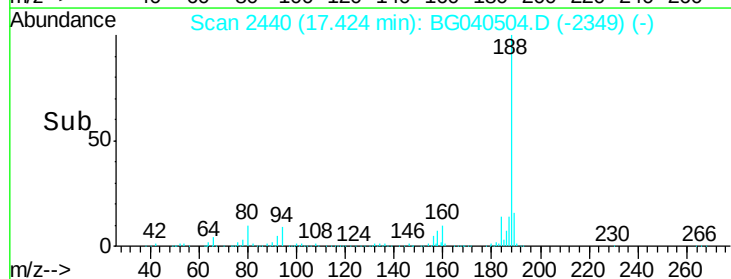
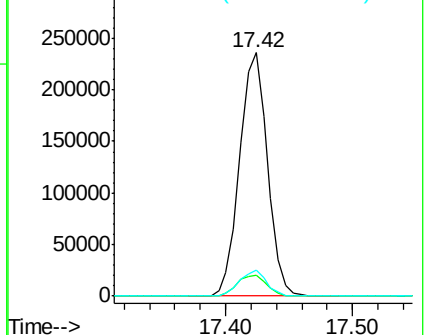
80 10.5 8.6 13.0

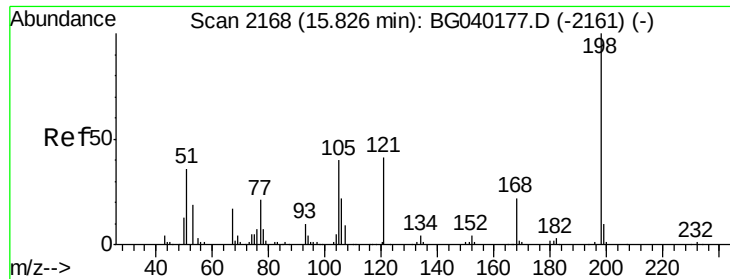


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 37.514 ng

RT: 15.80 min Scan# 2164

Delta R.T. -0.00 min

Lab File: BG040504.D

Acq: 16 Apr 2019 15:28

Instrument :

BNA_G

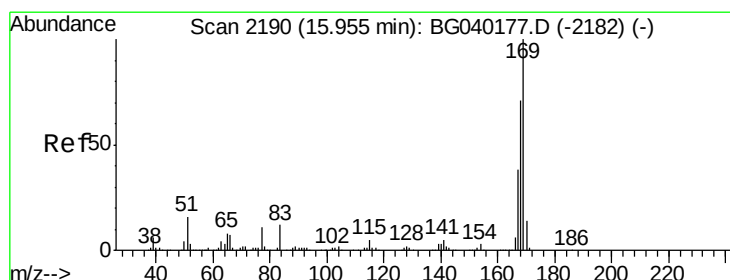
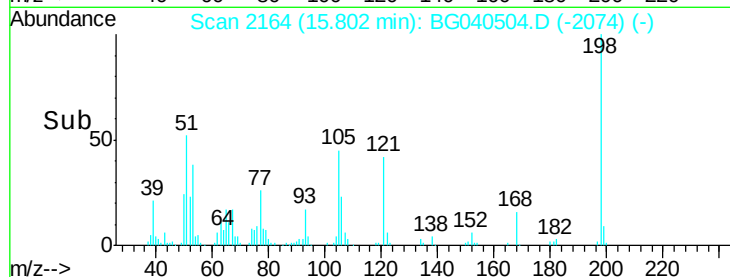
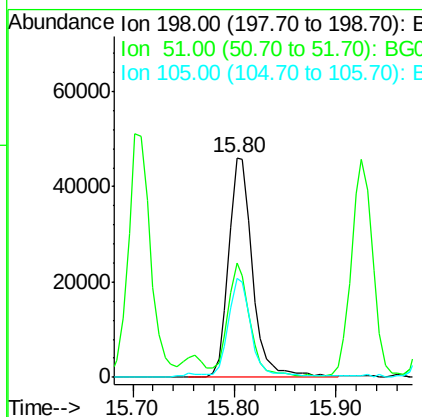
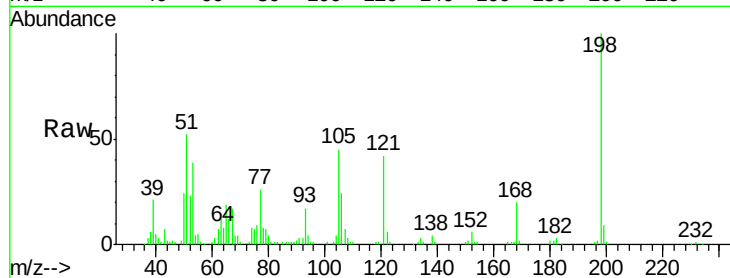
ClientSampled :

TP3-AMS

Tgt Ion:	198	Resp:	75602
Ion Ratio	Lower	Upper	
198	100		
51	52.0	27.3	67.3
105	45.1	21.7	61.7

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#66

n-Nitrosodiphenylamine

Concen: 39.123 ng

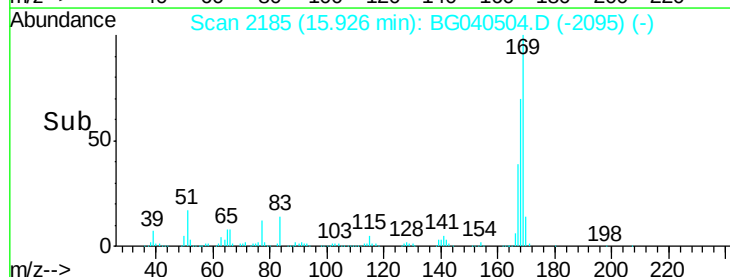
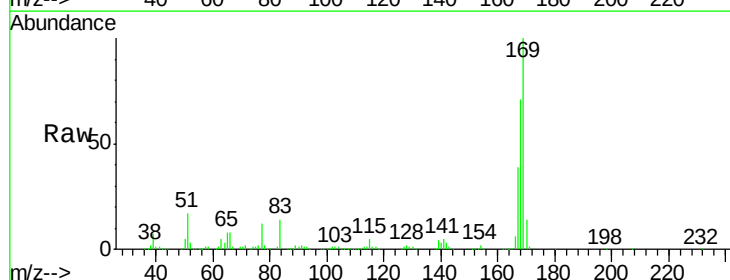
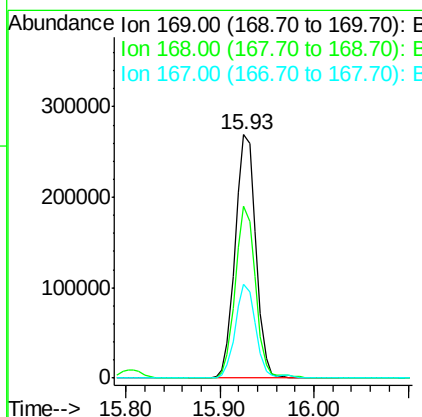
RT: 15.93 min Scan# 2185

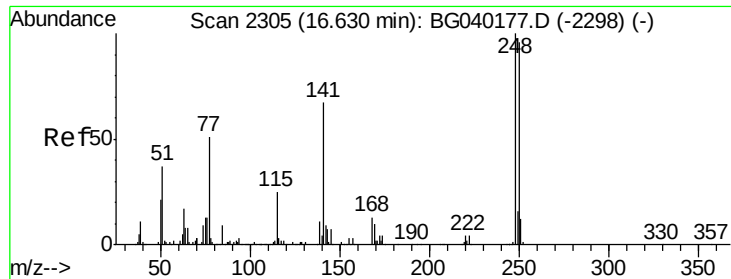
Delta R.T. -0.00 min

Lab File: BG040504.D

Acq: 16 Apr 2019 15:28

Tgt Ion:	169	Resp:	410676
Ion Ratio	Lower	Upper	
169	100		
168	70.6	56.8	85.2
167	38.6	30.2	45.4





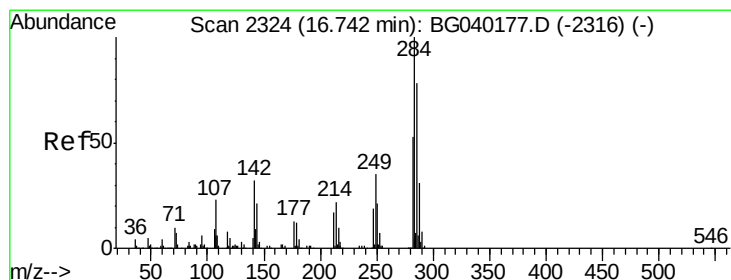
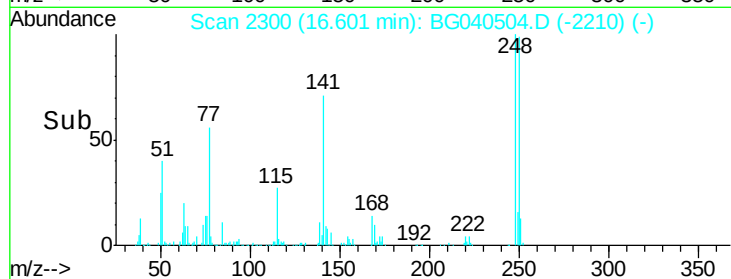
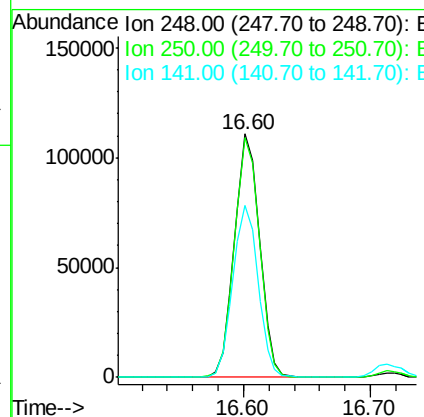
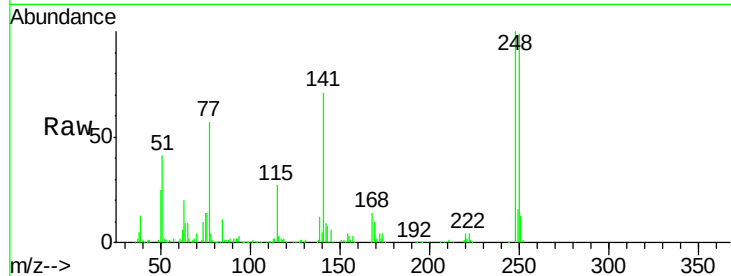
#67
 4-Bromophenyl-phenylether
 Concen: 37.544 ng
 RT: 16.60 min Scan# 2300
 Delta R.T. -0.00 min
 Lab File: BG040504.D
 Acq: 16 Apr 2019 15:28

Instrument :
 BNA_G
 ClientSampled :
 TP3-AMS

Tgt Ion:	248	Resp:	151557
Ion Ratio	Lower	Upper	
248	100		
250	98.6	76.4	114.6
141	70.7	53.8	80.8

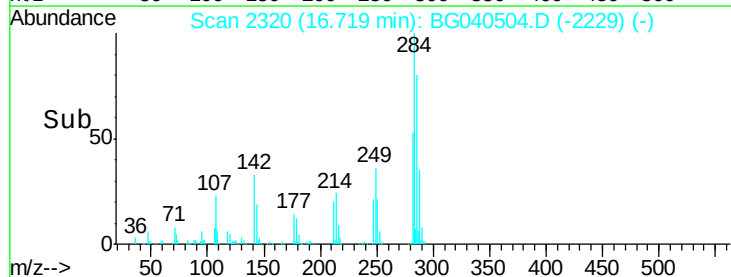
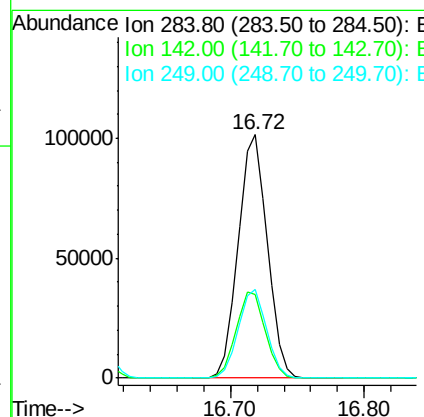
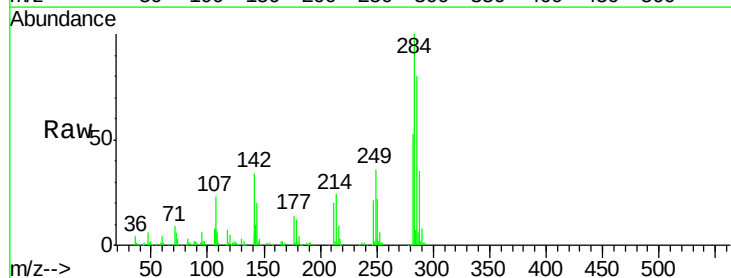
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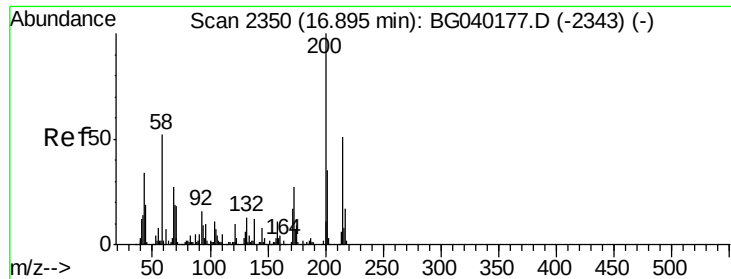
Sohil
 4/17/2019 3:33:36 PM



#68
 Hexachlorobenzene
 Concen: 37.797 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. 0.00 min
 Lab File: BG040504.D
 Acq: 16 Apr 2019 15:28

Tgt Ion:	284	Resp:	153409
Ion Ratio	Lower	Upper	
284	100		
142	34.2	25.3	37.9
249	36.5	28.2	42.2





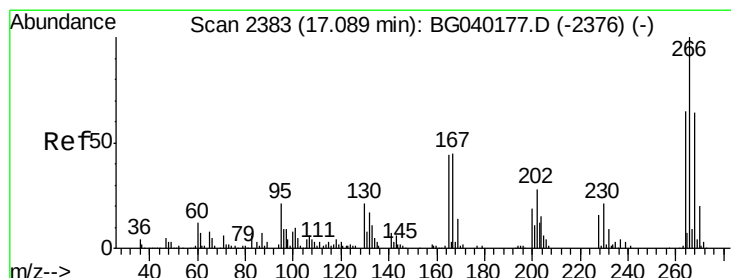
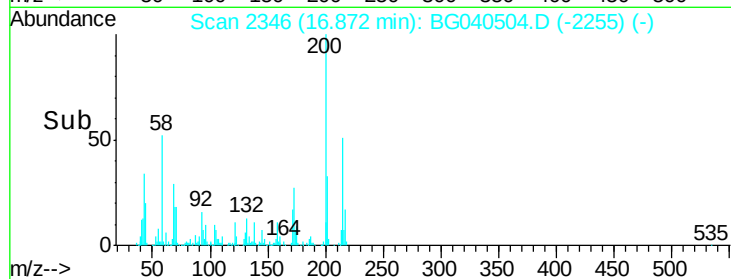
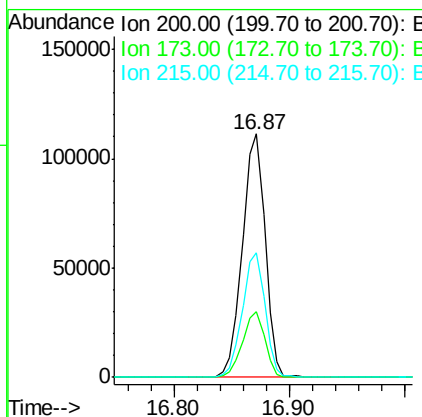
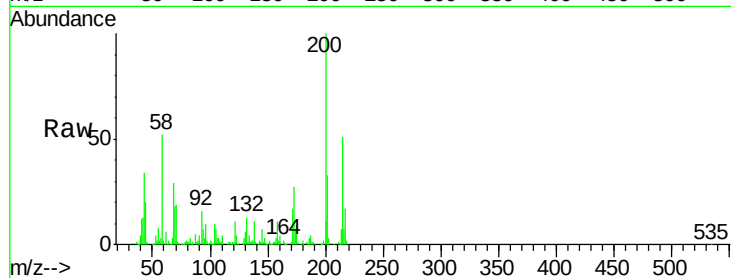
#69
 Atrazine
 Concen: 39.150 ng
 RT: 16.87 min Scan# 2346
 Delta R.T. 0.00 min
 Lab File: BG040504.D
 Acq: 16 Apr 2019 15:28

Instrument :
 BNA_G
 ClientSampleId :
 TP3-AMS

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.9	7.1	47.1
215	51.3	30.9	70.9

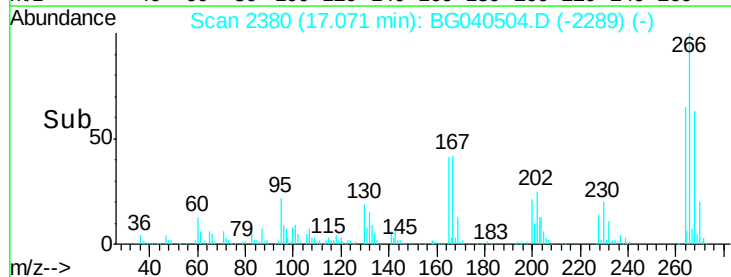
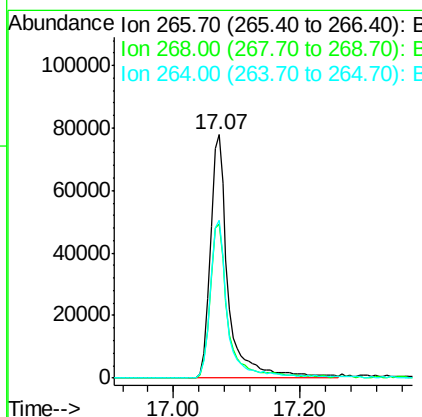
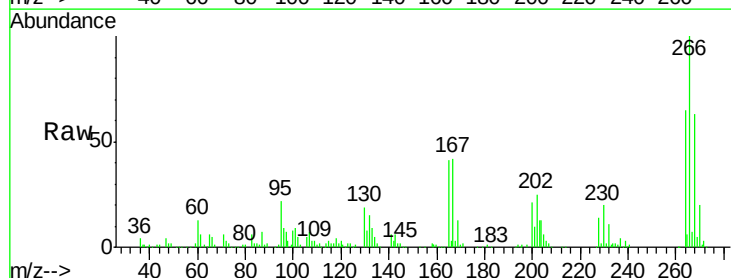
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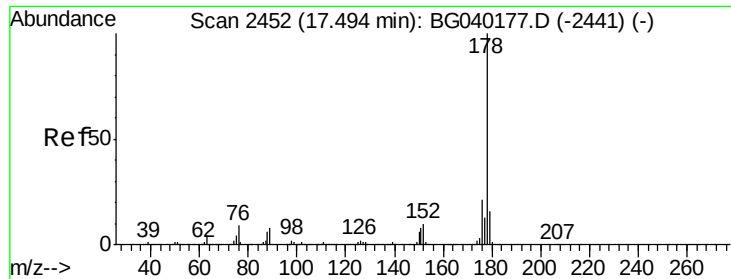
Sohil
 4/17/2019 3:33:36 PM



#70
 Pentachlorophenol
 Concen: 65.979 ng
 RT: 17.07 min Scan# 2380
 Delta R.T. 0.00 min
 Lab File: BG040504.D
 Acq: 16 Apr 2019 15:28

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.4	55.0	82.4
264	65.0	51.8	77.8





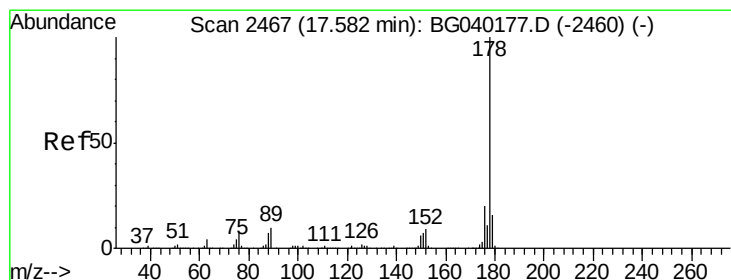
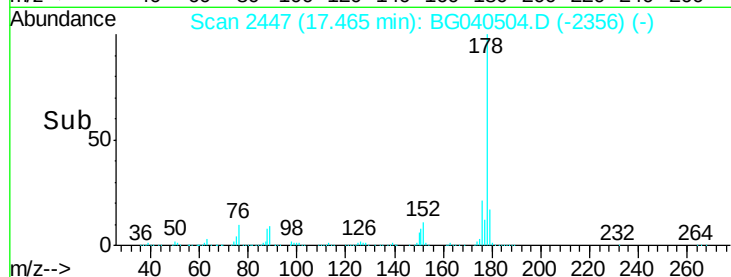
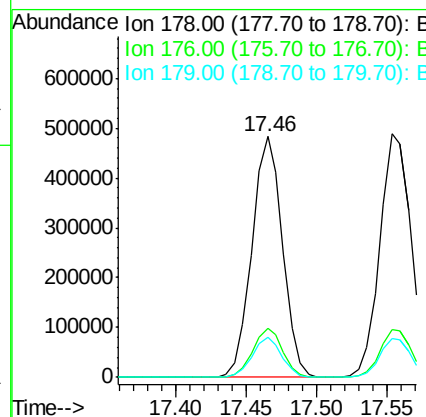
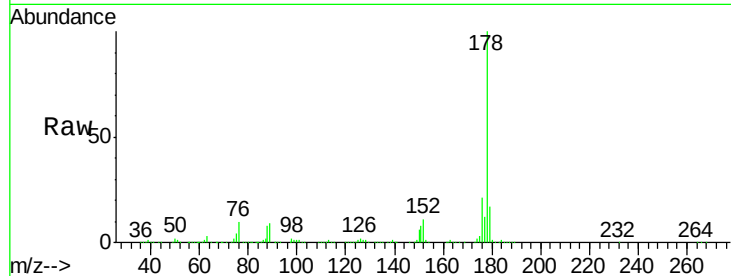
#71
Phenanthrene
Concen: 38.885 ng
RT: 17.46 min Scan# 2447
Delta R.T. 0.00 min
Lab File: BG040504.D
Acq: 16 Apr 2019 15:28

Instrument :
BNA_G
ClientSampleId :
TP3-AMS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.5	16.7	25.1
179	16.5	12.8	19.2

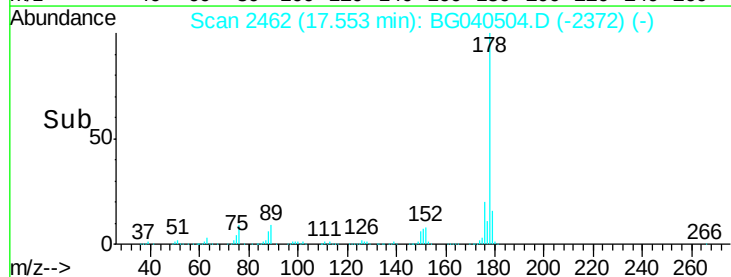
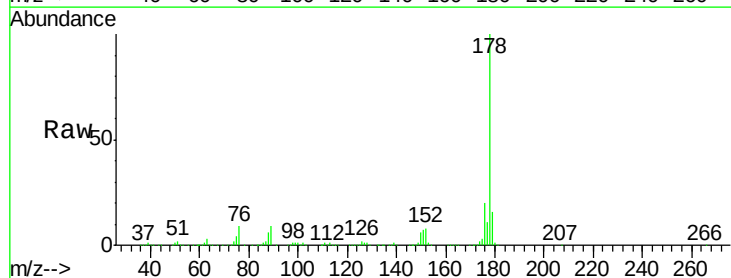
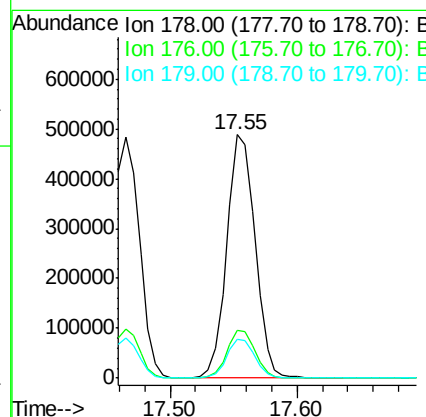
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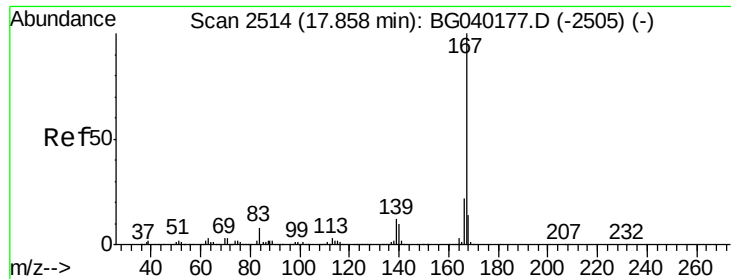
Sohil
4/17/2019 3:33:36 PM



#72
Anthracene
Concen: 39.797 ng
RT: 17.55 min Scan# 2462
Delta R.T. -0.00 min
Lab File: BG040504.D
Acq: 16 Apr 2019 15:28

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.9	23.9
179	15.8	12.9	19.3





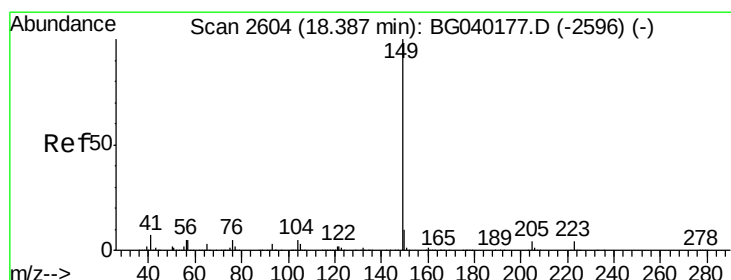
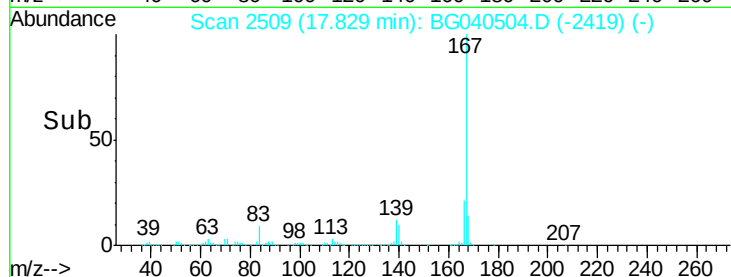
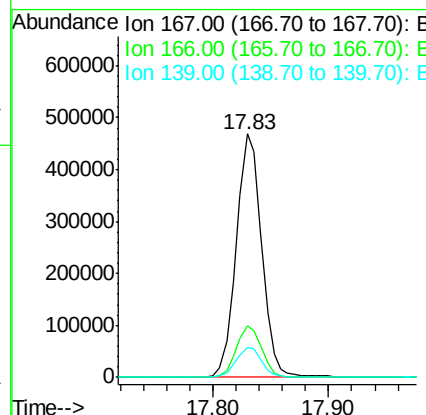
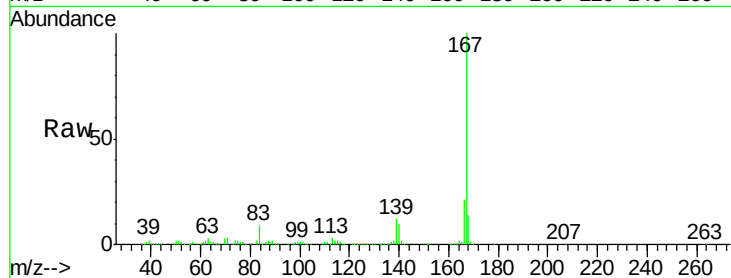
#73
 Carbazole
 Concen: 39.991 ng
 RT: 17.83 min Scan# 2509
 Delta R.T. -0.00 min
 Lab File: BG040504.D
 Acq: 16 Apr 2019 15:28

Instrument :
 BNA_G
 ClientSampleId :
 TP3-AMS

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	714249		
166	21.1		17.5	26.3
139	12.3		10.0	15.0

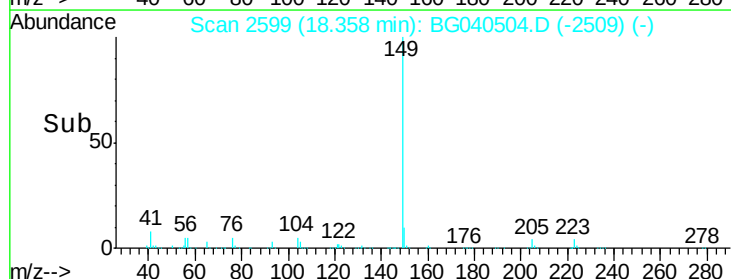
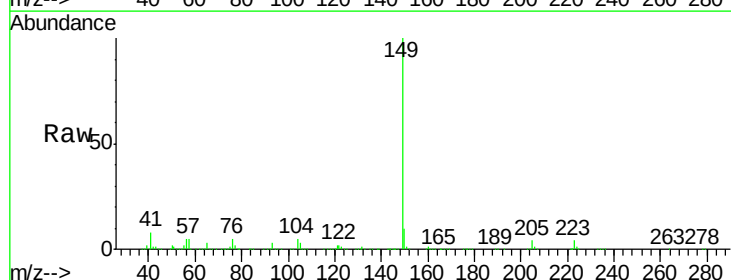
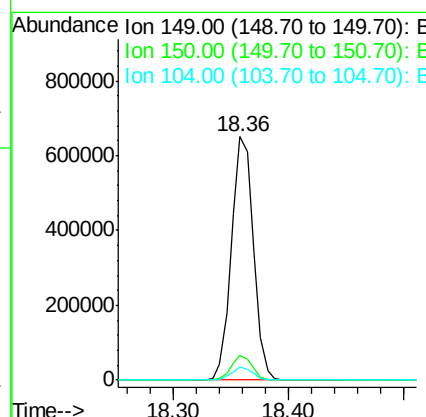
Manual Integrations
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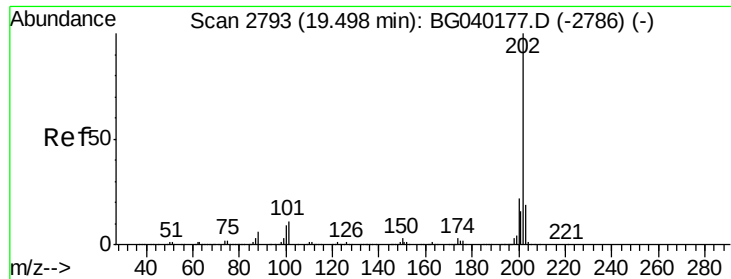
Sohil
 4/17/2019 3:33:36 PM



#74
 Di-n-butylphthalate
 Concen: 40.546 ng
 RT: 18.36 min Scan# 2599
 Delta R.T. -0.00 min
 Lab File: BG040504.D
 Acq: 16 Apr 2019 15:28

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	858392		
150	10.0		7.9	11.9
104	5.3		4.1	6.1





#75

Fluoranthene

Concen: 39.549 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.00 min

Lab File: BG040504.D

Acq: 16 Apr 2019 15:28

Instrument :

BNA_G

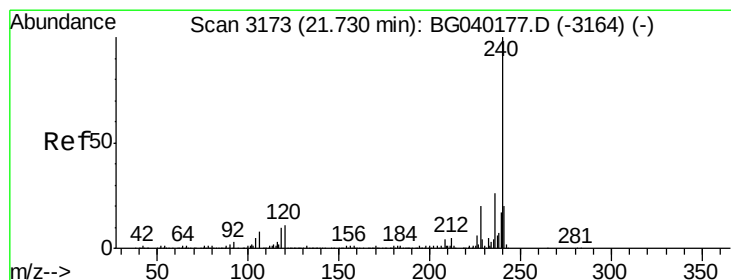
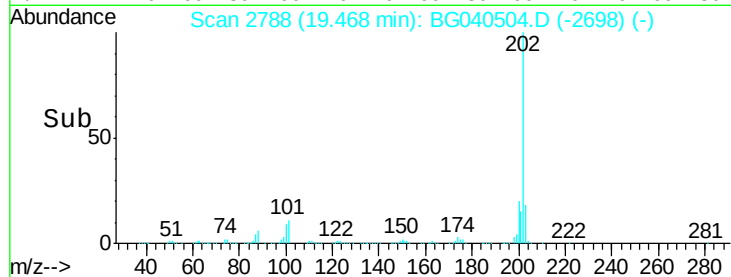
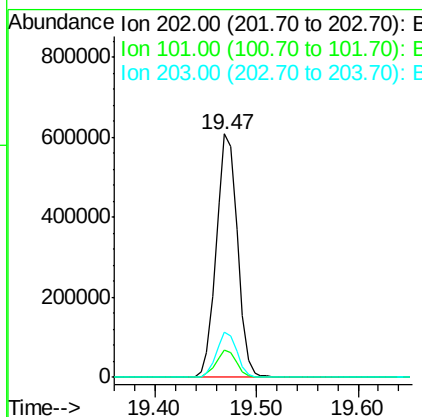
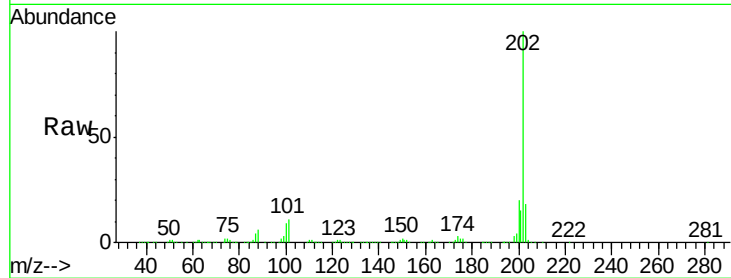
ClientSampleId :

TP3-AMS

Tgt Ion:	202	Resp:	882980
Ion Ratio	Lower	Upper	
202	100		
101	11.3	0.0	30.8
203	18.4	0.0	38.9

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

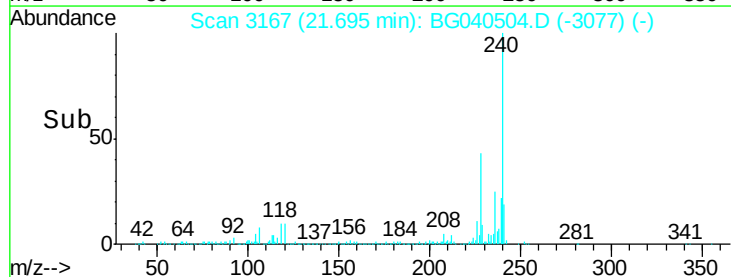
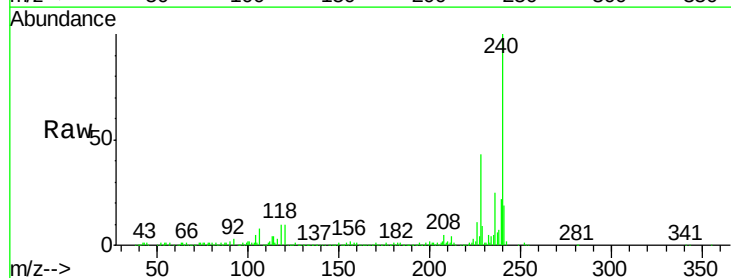
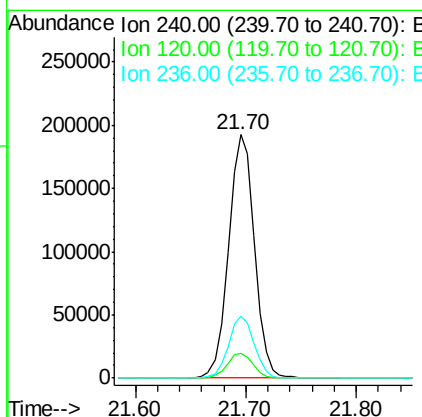
RT: 21.70 min Scan# 3167

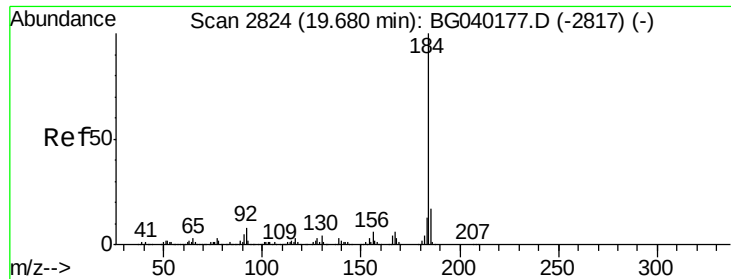
Delta R.T. -0.00 min

Lab File: BG040504.D

Acq: 16 Apr 2019 15:28

Tgt Ion:	240	Resp:	315685
Ion Ratio	Lower	Upper	
240	100		
120	10.2	8.4	12.6
236	25.5	20.8	31.2





#77

Benzidine

Concen: 24.480 ng

RT: 19.66 min Scan# 2820

Delta R.T. 0.00 min

Lab File: BG040504.D

Acq: 16 Apr 2019 15:28

Instrument :

BNA_G

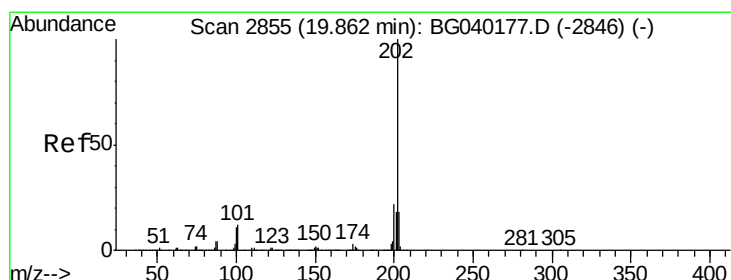
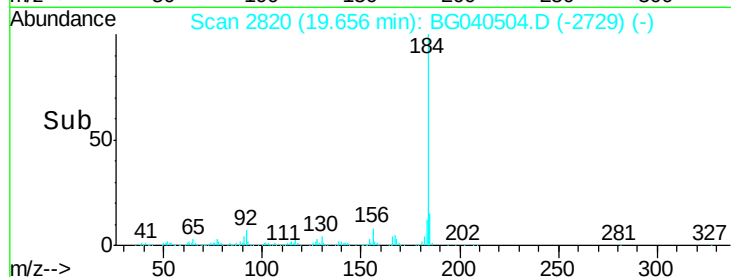
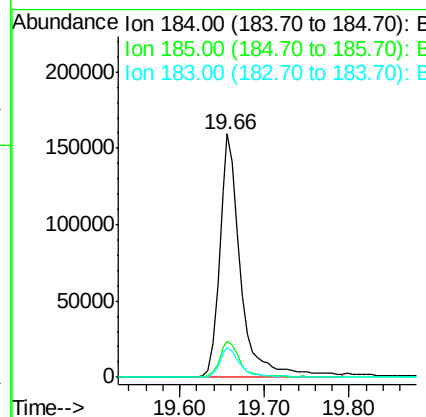
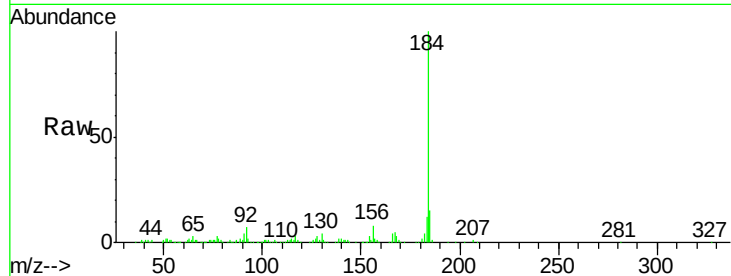
ClientSampleId :

TP3-AMS

Tgt Ion:	184	Resp:	279064
Ion Ratio	Lower	Upper	
184	100		
185	14.8	13.3	19.9
183	12.2	10.3	15.5

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#78

Pyrene

Concen: 42.038 ng

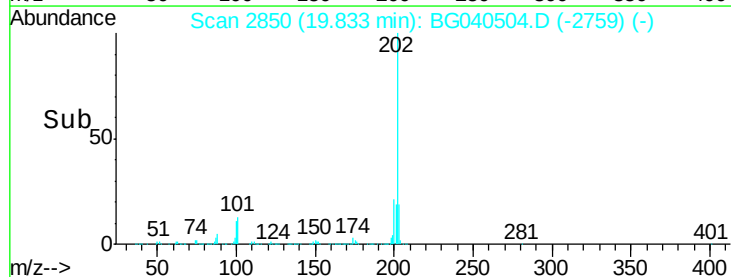
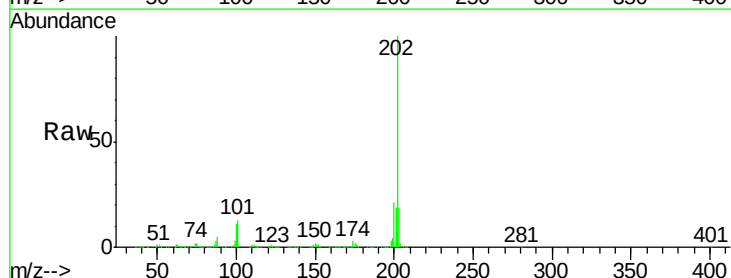
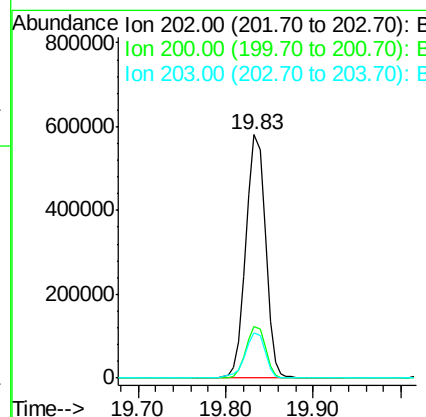
RT: 19.83 min Scan# 2850

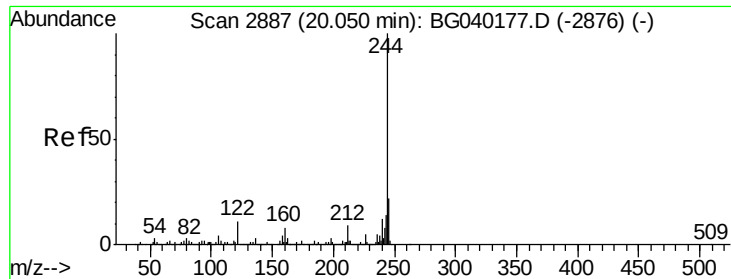
Delta R.T. 0.00 min

Lab File: BG040504.D

Acq: 16 Apr 2019 15:28

Tgt Ion:	202	Resp:	872695
Ion Ratio	Lower	Upper	
202	100		
200	21.1	17.3	25.9
203	18.8	14.6	22.0





#79

Terphenyl-d14

Concen: 79.759 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG040504.D

Acq: 16 Apr 2019 15:28

Instrument :

BNA_G

ClientSampled :

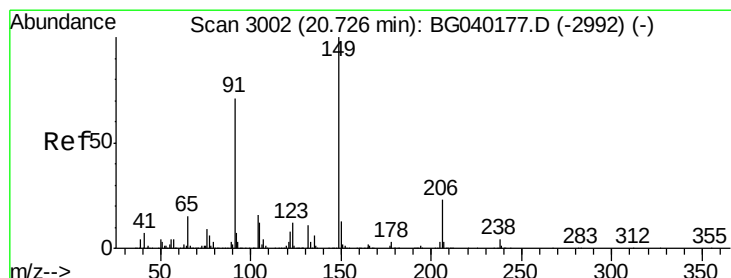
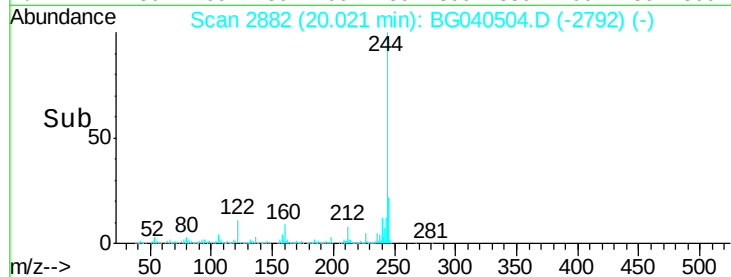
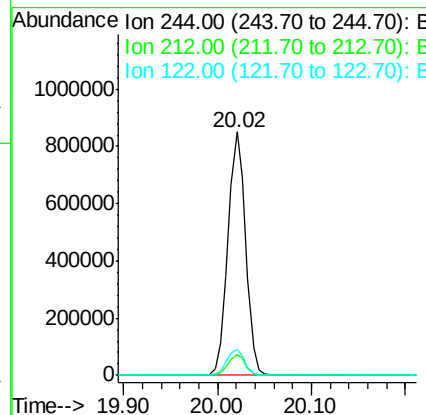
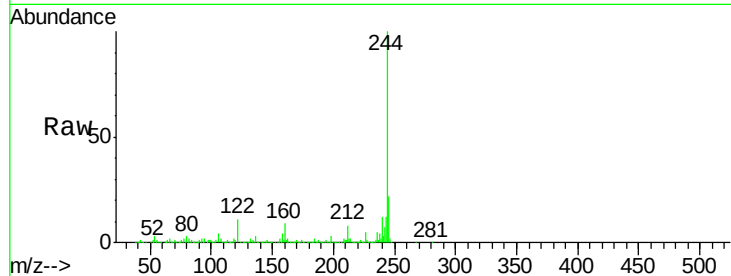
TP3-AMS

Tgt Ion:244 Resp: 1119231

Ion	Ratio	Lower	Upper
244	100		
212	8.4	7.0	10.6
122	10.9	8.5	12.7

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#80

Butylbenzylphthalate

Concen: 44.580 ng

RT: 20.70 min Scan# 2998

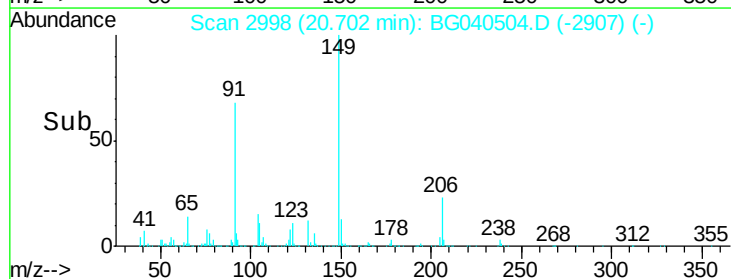
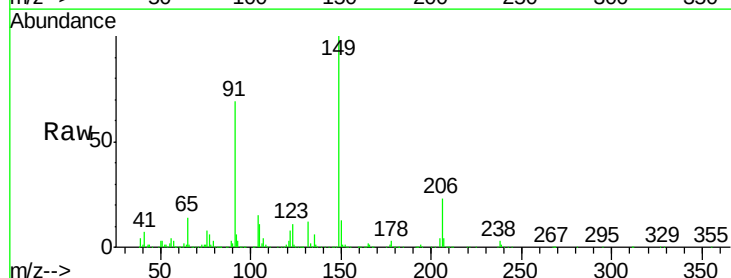
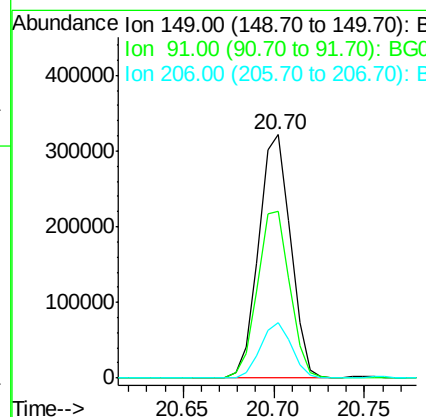
Delta R.T. 0.00 min

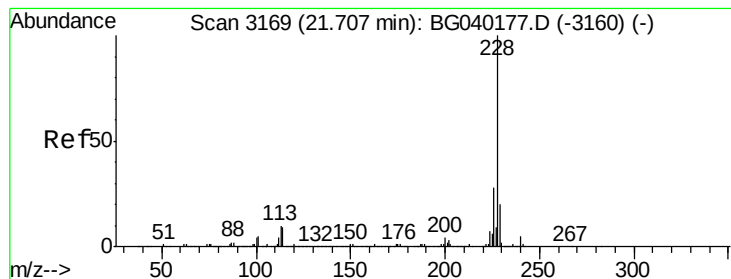
Lab File: BG040504.D

Acq: 16 Apr 2019 15:28

Tgt Ion:149 Resp: 396026

Ion	Ratio	Lower	Upper
149	100		
91	68.5	57.0	85.4
206	22.5	18.2	27.4





#81

Benzo(a)anthracene

Concen: 40.600 ng

RT: 21.68 min Scan# 3164

Delta R.T. 0.00 min

Lab File: BG040504.D

Acq: 16 Apr 2019 15:28

Instrument :

BNA_G

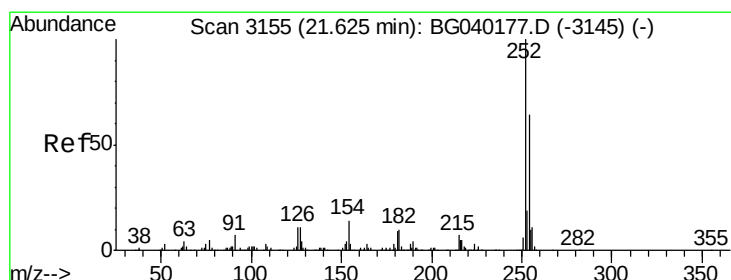
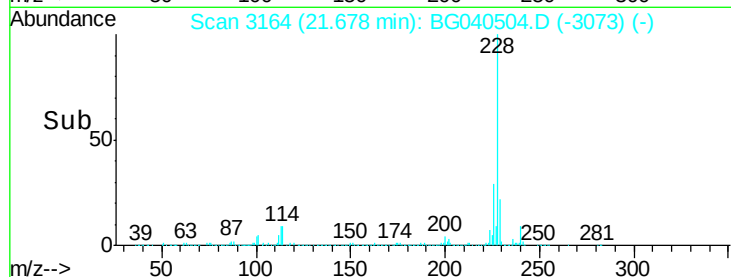
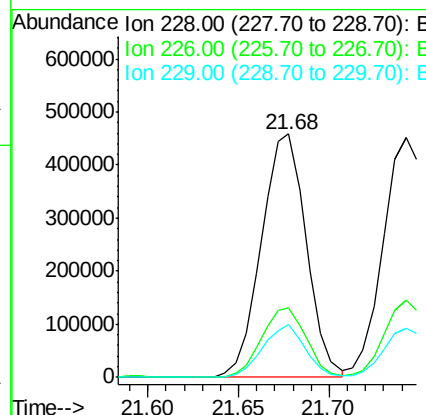
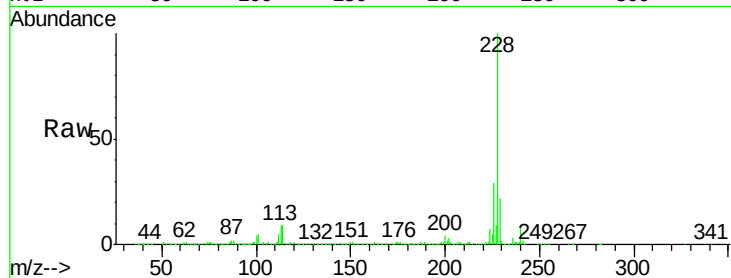
ClientSampled :

TP3-AMS

Tgt Ion:	228	Resp:	789444
Ion Ratio	Lower	Upper	
228	100		
226	28.5	22.6	34.0
229	21.8	16.1	24.1

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 29.644 ng

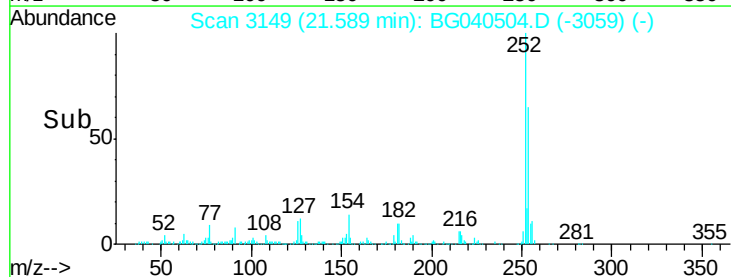
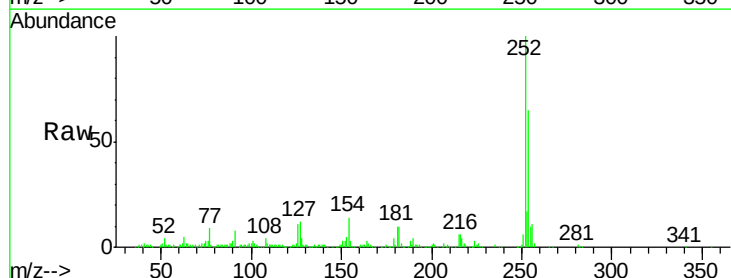
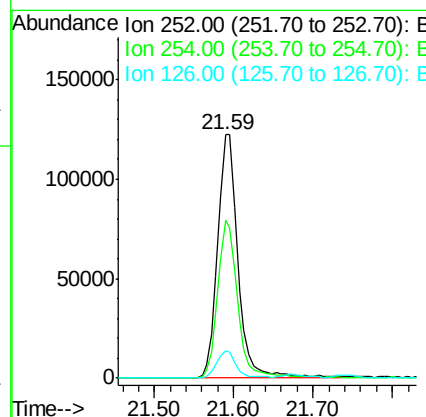
RT: 21.59 min Scan# 3149

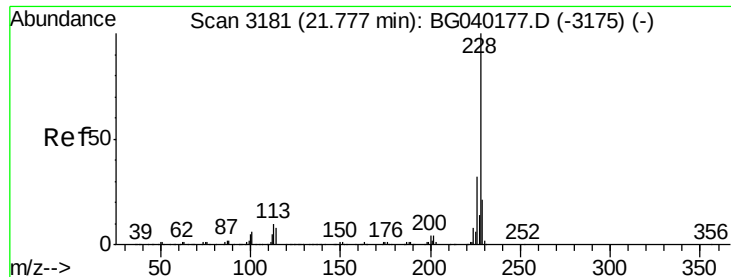
Delta R.T. -0.00 min

Lab File: BG040504.D

Acq: 16 Apr 2019 15:28

Tgt Ion:	252	Resp:	219269
Ion Ratio	Lower	Upper	
252	100		
254	64.7	51.4	77.2
126	11.4	8.5	12.7





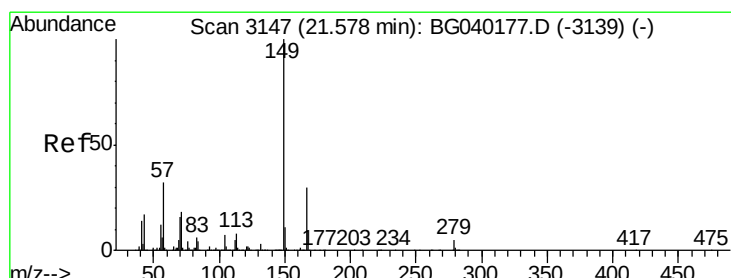
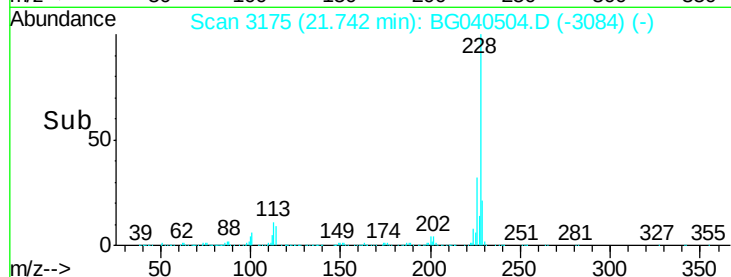
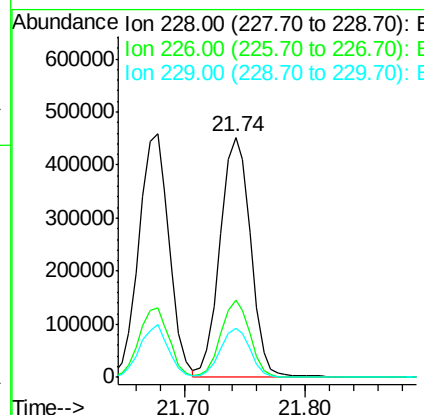
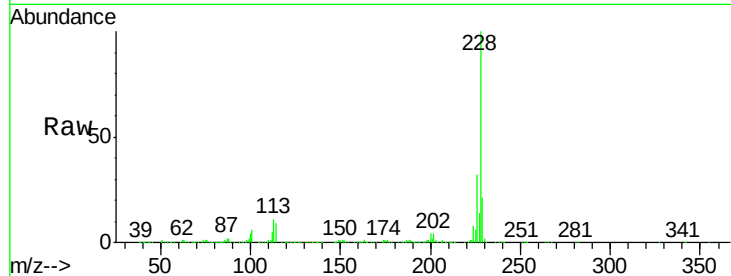
#83
 Chrysene
 Concen: 41.891 ng
 RT: 21.74 min Scan# 3175
 Delta R.T. 0.00 min
 Lab File: BG040504.D
 Acq: 16 Apr 2019 15:28

Instrument :
 BNA_G
 ClientSampleId :
 TP3-AMS

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	782838		
226	32.3	25.4	38.0	
229	20.7	17.0	25.4	

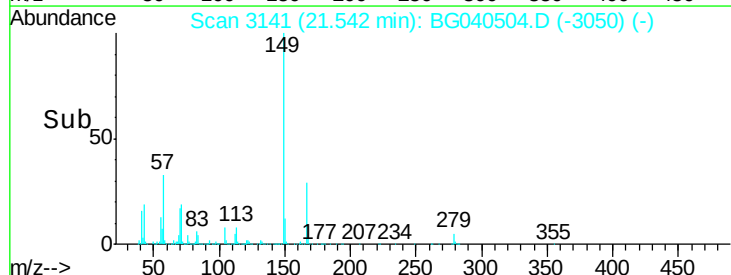
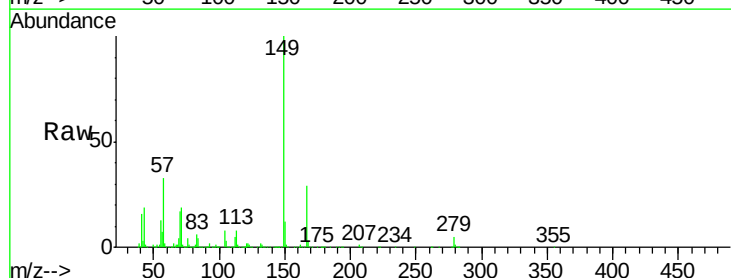
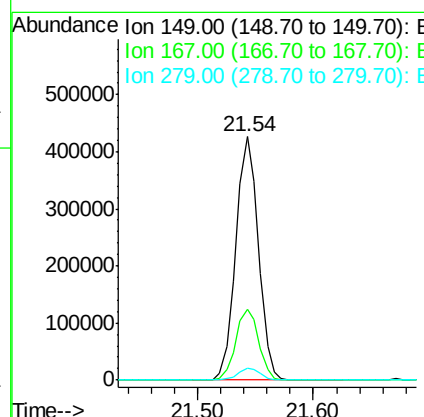
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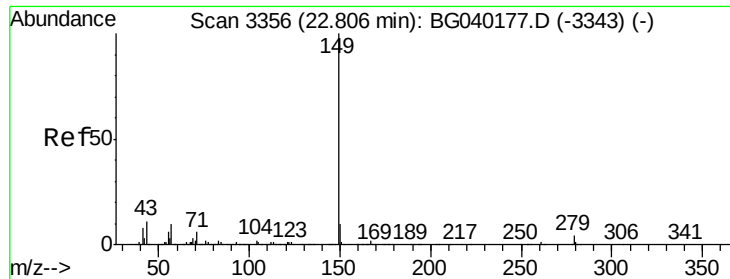
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.265 ng
 RT: 21.54 min Scan# 3141
 Delta R.T. 0.00 min
 Lab File: BG040504.D
 Acq: 16 Apr 2019 15:28

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	574801		
167	29.3	24.1	36.1	
279	4.8	4.1	6.1	





#85

Di-n-octyl phthalate

Concen: 46.006 ng

RT: 22.76 min Scan# 3348

Delta R.T. -0.00 min

Lab File: BG040504.D

Acq: 16 Apr 2019 15:28

Instrument :

BNA_G

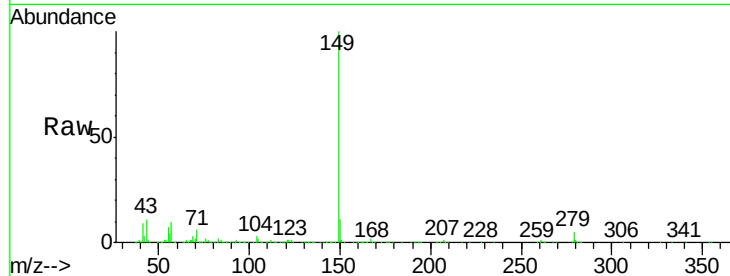
ClientSampleId :

TP3-AMS

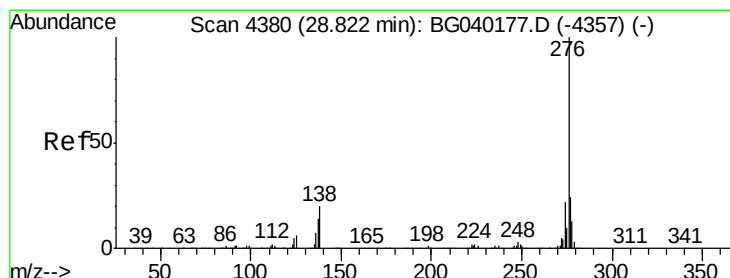
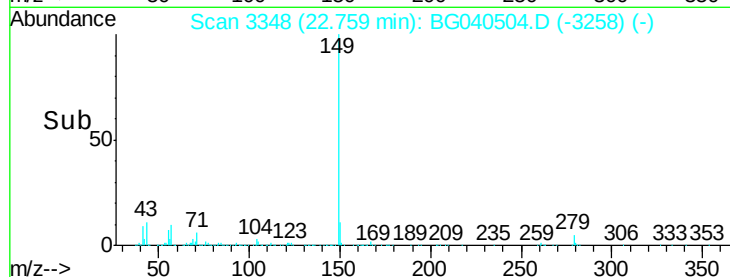
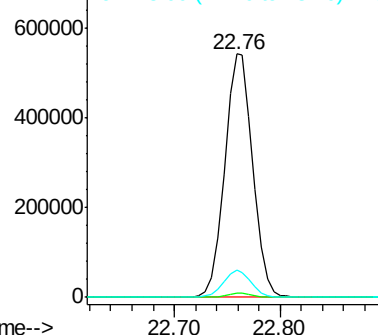
Tgt Ion:	149	Resp:	995352
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.4	2.0
43	10.8	8.7	13.1

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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): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.682 ng

RT: 28.73 min Scan# 4365

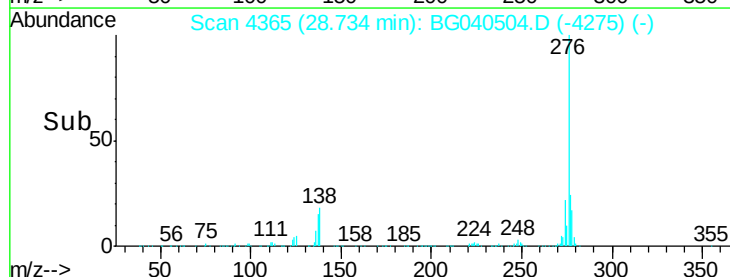
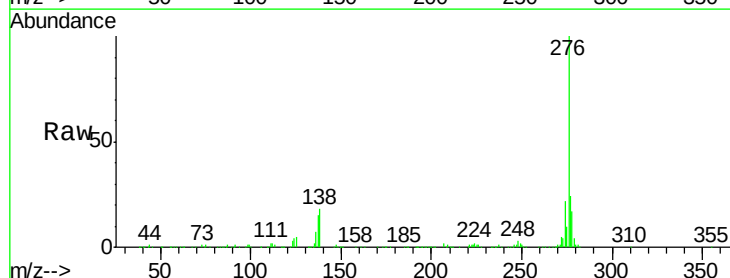
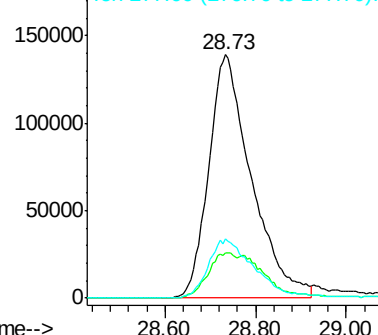
Delta R.T. -0.00 min

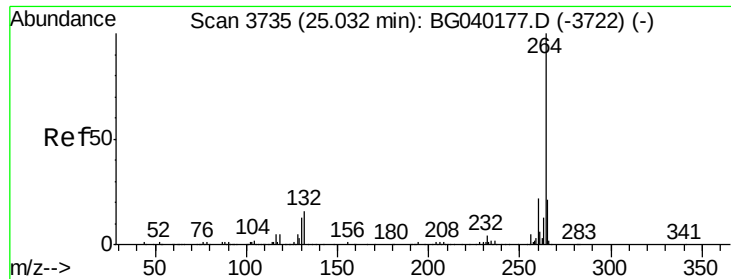
Lab File: BG040504.D

Acq: 16 Apr 2019 15:28

Tgt Ion:	276	Resp:	906963
Ion Ratio	Lower	Upper	
276	100		
138	12.0	18.8	28.2#
277	25.6	21.0	31.4

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 24.97 min Scan# 3724

Delta R.T. -0.00 min

Lab File: BG040504.D

Acq: 16 Apr 2019 15:28

Instrument :

BNA_G

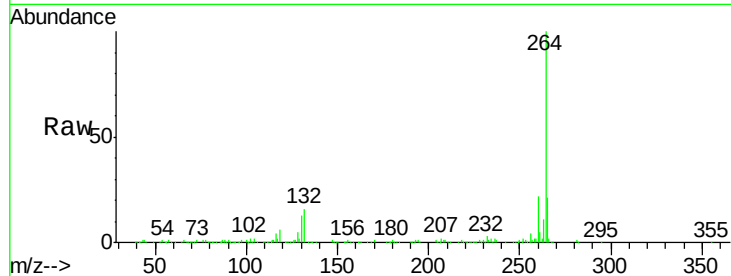
ClientSampleId :

TP3-AMS

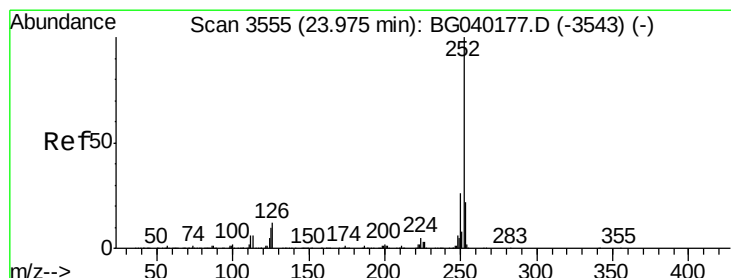
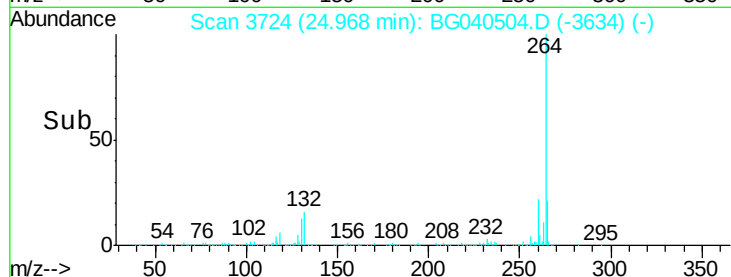
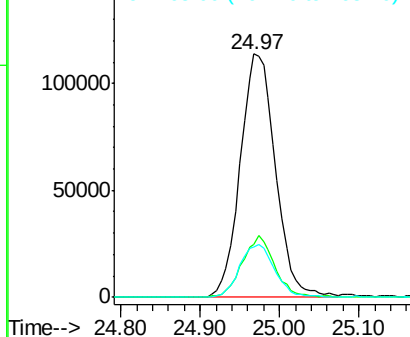
Tgt Ion:	264	Resp:	351575
Ion Ratio		Lower	Upper
264	100		
260	21.8	17.9	26.9
265	20.8	16.8	25.2

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 38.434 ng

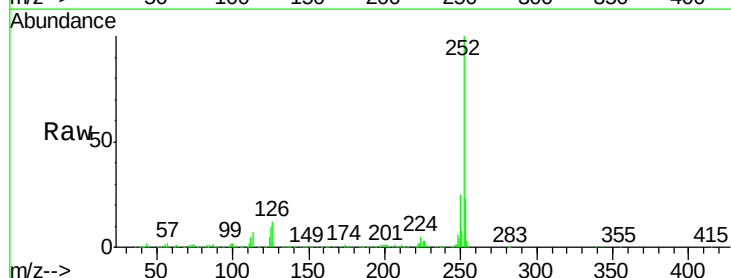
RT: 23.93 min Scan# 3547

Delta R.T. 0.00 min

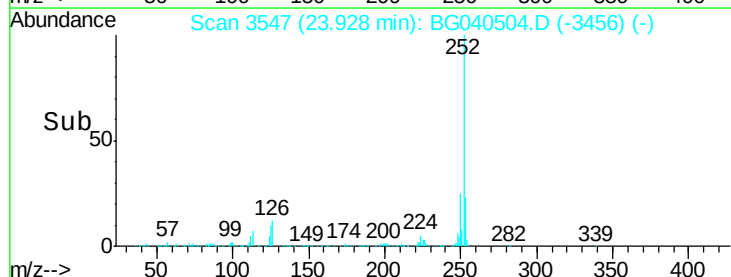
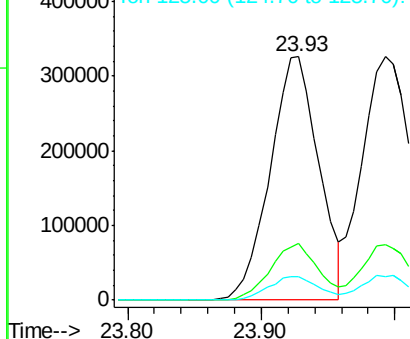
Lab File: BG040504.D

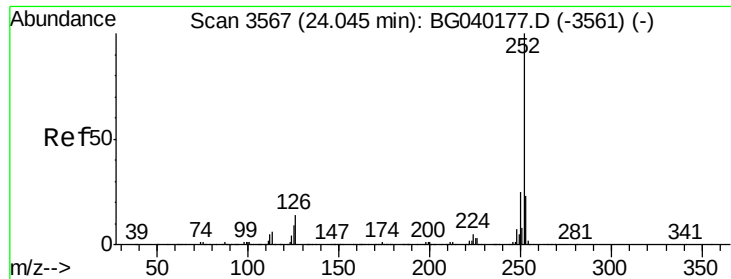
Acq: 16 Apr 2019 15:28

Tgt Ion:	252	Resp:	827285
Ion Ratio		Lower	Upper
252	100		
253	23.5	17.6	26.4
125	9.7	8.2	12.4



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





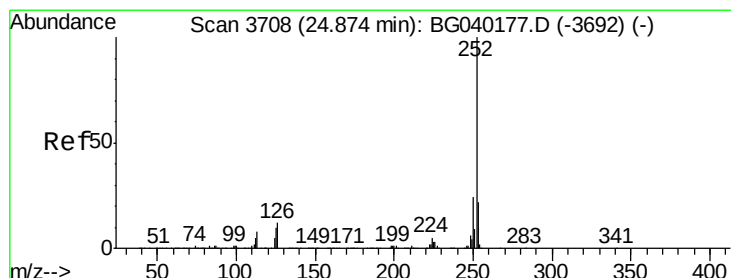
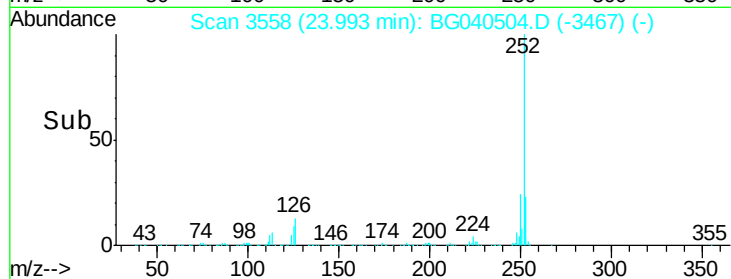
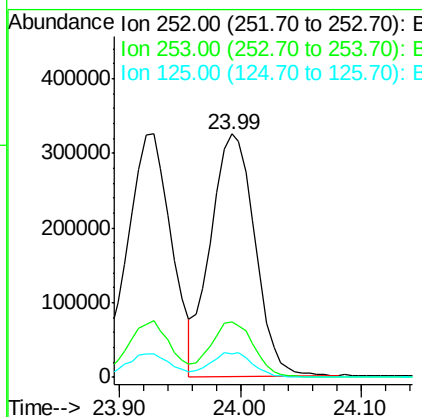
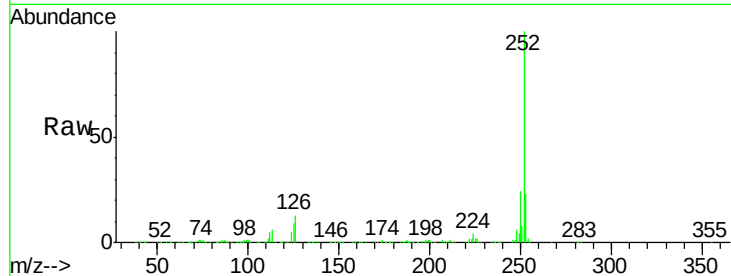
#89
Benzo(k)fluoranthene
Concen: 41.670 ng
RT: 23.99 min Scan# 3558
Delta R.T. 0.00 min
Lab File: BG040504.D
Acq: 16 Apr 2019 15:28

Instrument :
BNA_G
ClientSampleId :
TP3-AMS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.6	28.0
125	9.5	7.3	10.9

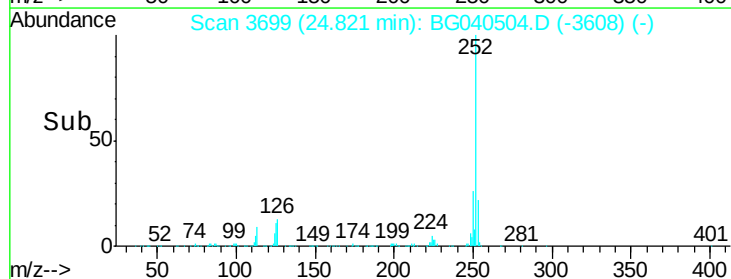
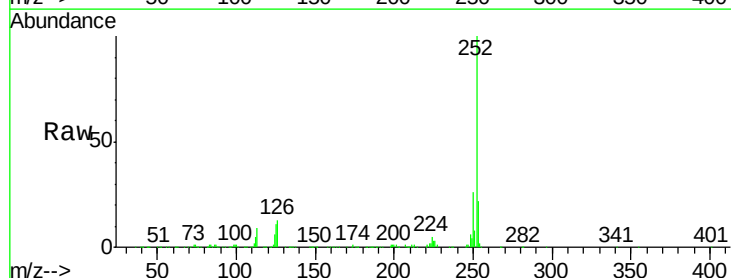
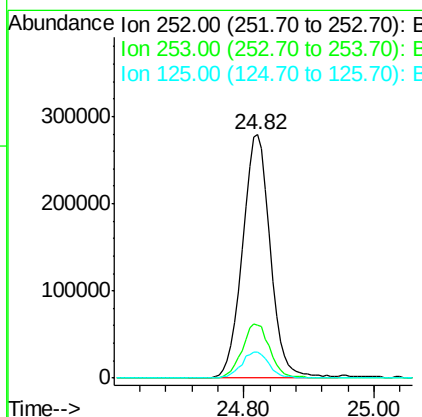
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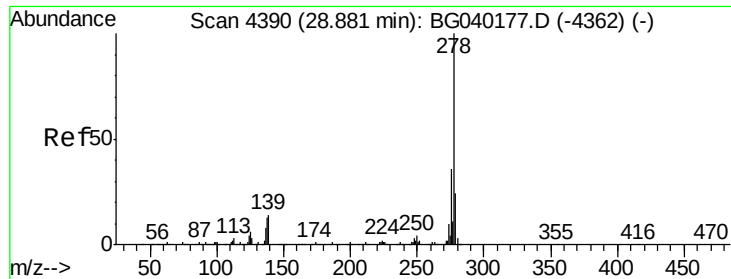
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#90
Benzo(a)pyrene
Concen: 40.993 ng
RT: 24.82 min Scan# 3699
Delta R.T. 0.00 min
Lab File: BG040504.D
Acq: 16 Apr 2019 15:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.8
125	10.8	8.3	12.5





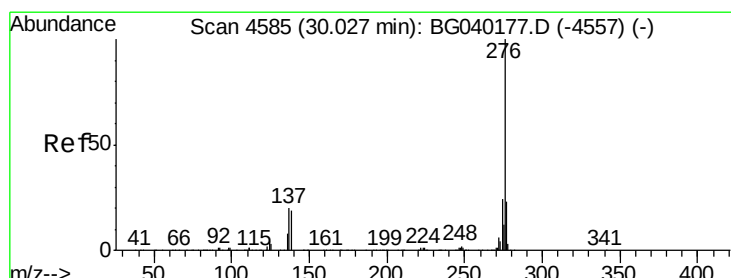
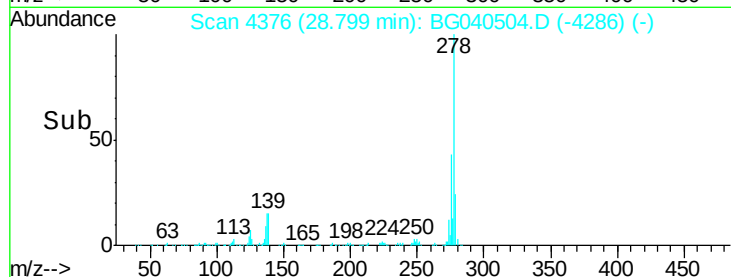
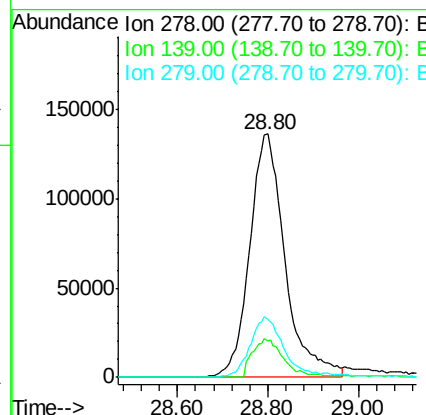
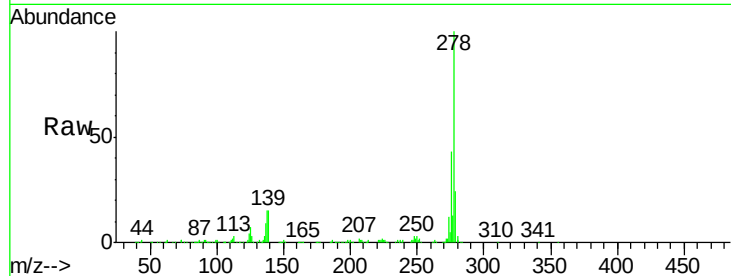
#91
Dibenzo(a,h)anthracene
Concen: 39.385 ng
RT: 28.80 min Scan# 4376
Delta R.T. -0.00 min
Lab File: BG040504.D
Acq: 16 Apr 2019 15:28

Instrument :
BNA_G
ClientSampleId :
TP3-AMS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.7	11.2	16.8
279	23.8	18.9	28.3

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 39.204 ng
RT: 29.92 min Scan# 4567
Delta R.T. 0.01 min
Lab File: BG040504.D
Acq: 16 Apr 2019 15:28

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.5	18.6	28.0
138	21.9	15.2	22.8

