

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050219\
 Data File : BG040709.D
 Acq On : 2 May 2019 16:28
 Operator : JU/SJ
 Sample : PB119403BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB119403BSD

Manual Integrations
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Sohil
 5/3/2019 4:29:17 PM

Quant Time: May 03 05:45:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	42498	20.00	ng	-0.01
21) Naphthalene-d8	10.97	136	178418	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	134641	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	381804	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	432785	20.00	ng	-0.02
87) Perylene-d12	25.16	264	381536	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.68	112	361935	150.13	ng	0.00
7) Phenol-d6	7.28	99	522591	140.78	ng	-0.01
23) Nitrobenzene-d5	9.32	82	309374	80.12	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	293019	158.33	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	672100	72.09	ng	-0.02
79) Terphenyl-d14	20.11	244	1485346	76.03	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.54	88	55667	50.771	ng	95
3) Pyridine	3.95	79	114125	35.911	ng	97
4) n-Nitrosodimethylamine	3.87	42	68700	38.973	ng	# 80
6) Aniline	7.47	93	150079	30.503	ng	99
8) 2-Chlorophenol	7.71	128	128895	43.786	ng	96
9) Benzaldehyde	7.28	77	95717	44.264	ng	95
10) Phenol	7.31	94	181159	45.400	ng	97
11) bis(2-Chloroethyl)ether	7.57	93	115765	38.688	ng	95
12) 1,3-Dichlorobenzene	8.04	146	132247	41.159	ng	97
13) 1,4-Dichlorobenzene	8.18	146	131339	40.323	ng	97
14) 1,2-Dichlorobenzene	8.50	146	124855	39.747	ng	99
15) Benzyl Alcohol	8.38	79	154304	39.950	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.66	45	213319	35.808	ng	97
17) 2-Methylphenol	8.58	107	125866	44.572	ng	97
18) Hexachloroethane	9.23	117	50073	37.476	ng	96
19) n-Nitroso-di-n-propylamine	8.95	70	118619	35.499	ng	99
20) 3+4-Methylphenols	8.91	107	176258	44.805	ng	99
22) Acetophenone	8.98	105	214007	43.135	ng	# 95
24) Nitrobenzene	9.36	77	186830	45.349	ng	99
25) Isophorone	9.88	82	334771	38.922	ng	99
26) 2-Nitrophenol	10.08	139	71725	48.568	ng	97
27) 2,4-Dimethylphenol	10.12	122	145361	52.461	ng	96
28) bis(2-Chloroethoxy)methane	10.37	93	172666	40.012	ng	97
29) 2,4-Dichlorophenol	10.60	162	153493	48.727	ng	93
30) 1,2,4-Trichlorobenzene	10.83	180	151737	43.437	ng	95
31) Naphthalene	11.02	128	402943	42.510	ng	100
32) Benzoic acid	10.24	122	104593	55.140	ng	88
33) 4-Chloroaniline	11.13	127	109587	26.076	ng	94
34) Hexachlorobutadiene	11.29	225	107978	41.869	ng	96
35) Caprolactam	11.91	113	56429m	45.373	ng	
36) 4-Chloro-3-methylphenol	12.23	107	189257	47.625	ng	99
37) 2-Methylnaphthalene	12.61	142	303667	42.848	ng	98
38) 1-Methylnaphthalene	12.84	142	292641	42.245	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	210430	41.954	ng	98

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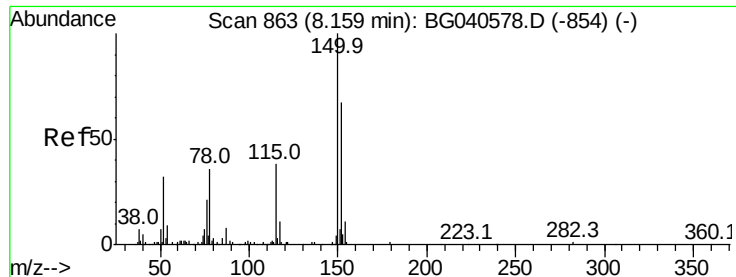
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	219622	74.205	ng	99
43) 2,4,6-Trichlorophenol	13.21	196	148626	49.035	ng	96
44) 2,4,5-Trichlorophenol	13.28	196	165505	50.125	ng	93
46) 1,1'-Biphenyl	13.61	154	422057	40.374	ng	96
47) 2-Chloronaphthalene	13.66	162	338829	41.417	ng	98
48) 2-Nitroaniline	13.86	65	151045	51.868	ng	99
49) Acenaphthylene	14.50	152	561680	40.467	ng	99
50) Dimethylphthalate	14.22	163	494121	43.863	ng	98
51) 2,6-Dinitrotoluene	14.35	165	107971	49.109	ng	94
52) Acenaphthene	14.84	154	336280	41.603	ng	94
53) 3-Nitroaniline	14.68	138	86221	38.274	ng	# 93
54) 2,4-Dinitrophenol	14.89	184	122222	96.938	ng	# 85
55) Dibenzofuran	15.17	168	572309	43.227	ng	100
56) 4-Nitrophenol	14.97	139	198728	101.736	ng	95
57) 2,4-Dinitrotoluene	15.13	165	162537	54.405	ng	# 98
58) Fluorene	15.82	166	463127	43.279	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.39	232	177539	53.421	ng	98
60) Diethylphthalate	15.58	149	520248	43.771	ng	99
61) 4-Chlorophenyl-phenylether	15.81	204	281248	45.189	ng	100
62) 4-Nitroaniline	15.84	138	125737	49.897	ng	93
63) Azobenzene	16.10	77	510928	41.741	ng	98
65) 4,6-Dinitro-2-methylphenol	15.89	198	86332	46.203	ng	93
66) n-Nitrosodiphenylamine	16.02	169	446731	39.769	ng	96
67) 4-Bromophenyl-phenylether	16.70	248	192007	40.365	ng	94
68) Hexachlorobenzene	16.81	284	198736	40.406	ng	98
69) Atrazine	16.96	200	194245	43.646	ng	99
70) Pentachlorophenol	17.15	266	275017	95.554	ng	98
71) Phenanthrene	17.57	178	859279	41.784	ng	100
72) Anthracene	17.65	178	881833	42.660	ng	98
73) Carbazole	17.92	167	790196	41.958	ng	99
74) Di-n-butylphthalate	18.46	149	945375	41.589	ng	99
75) Fluoranthene	19.56	202	1125963	43.936	ng	99
77) Benzidine	19.74	184	371587	31.358	ng	98
78) Pyrene	19.93	202	1135274	41.853	ng	100
80) Butylbenzylphthalate	20.80	149	437245	41.359	ng	92
81) Benzo(a)anthracene	21.78	228	1079571	39.469	ng	99
82) 3,3'-Dichlorobenzidine	21.70	252	299947	30.767	ng	98
83) Chrysene	21.86	228	1057353	40.647	ng	99
84) Bis(2-ethylhexyl)phthalate	21.66	149	601089	39.388	ng	98
85) Di-n-octyl phthalate	22.92	149	1018764	39.639	ng	98
86) Indeno(1,2,3-cd)pyrene	29.02	276	1215455	38.646	ng	# 91
88) Benzo(b)fluoranthene	24.09	252	1110714	47.639	ng	98
89) Benzo(k)fluoranthene	24.16	252	1059750	48.670	ng	98
90) Benzo(a)pyrene	25.00	252	1071344	48.544	ng	100
91) Dibenzo(a,h)anthracene	29.09	278	1014630	45.430	ng	97
92) Benzo(g,h,i)perylene	30.25	276	996592	44.836	ng	97

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



#1

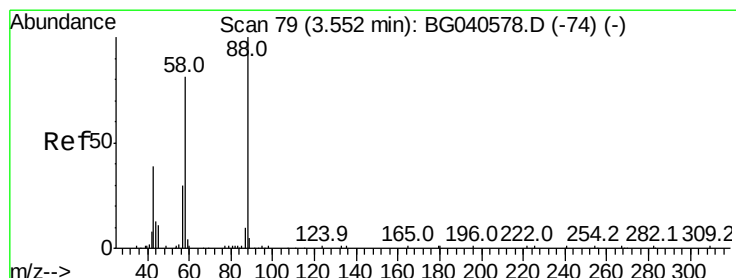
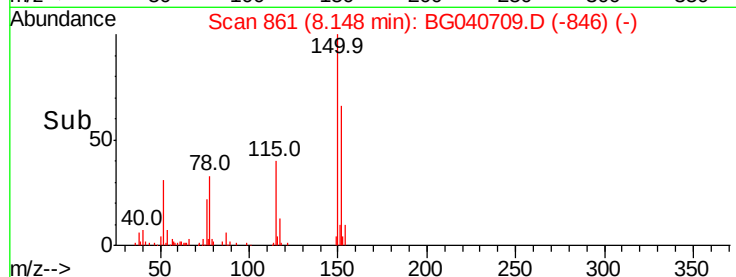
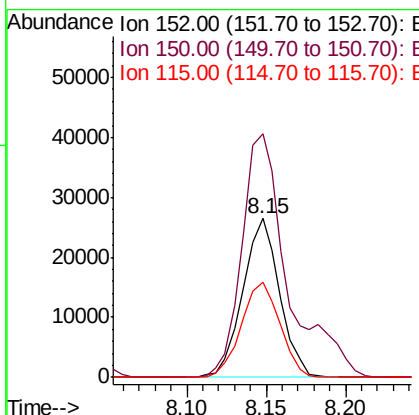
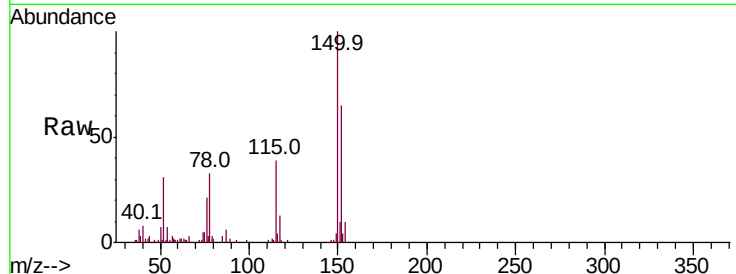
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BG040709.D
Acq: 2 May 2019 16:28

Instrument :
BNA_G
ClientSampleId :
PB119403BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.4	120.2	180.2
115	59.9	46.2	69.2

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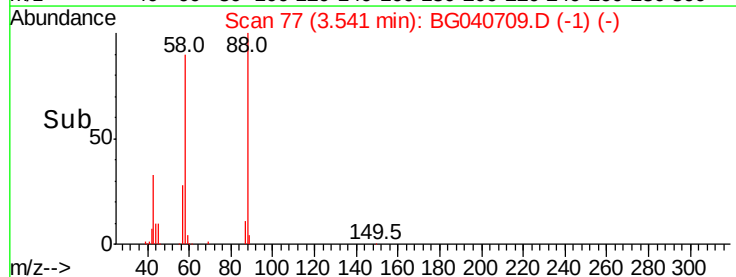
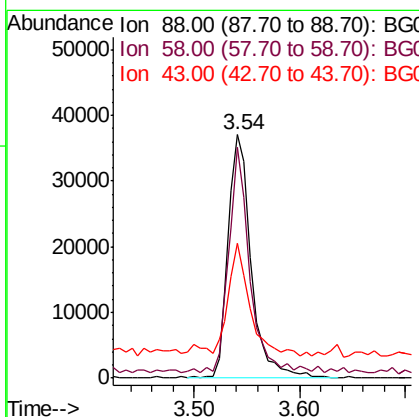
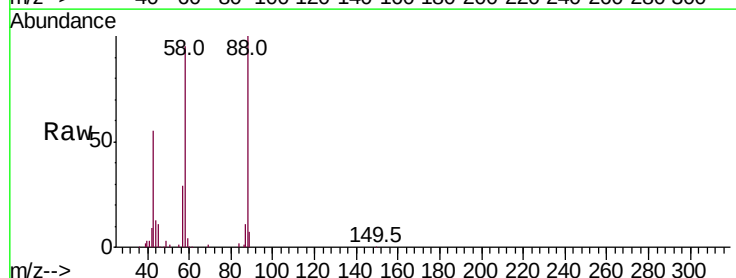
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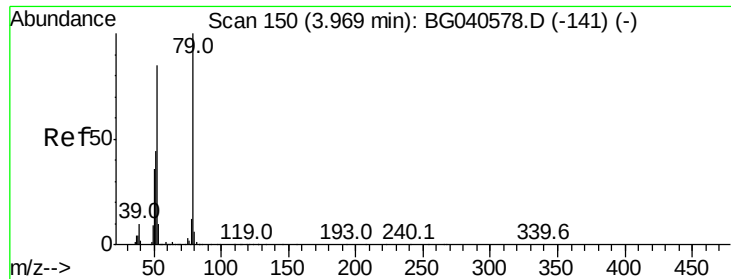


#2

1,4-Dioxane
Concen: 50.771 ng
RT: 3.54 min Scan# 77
Delta R.T. -0.01 min
Lab File: BG040709.D
Acq: 2 May 2019 16:28

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.9	71.2	106.8
43	44.1	35.6	53.4





#3

Pvridine

Concen: 35.911 ng

RT: 3.95 min Scan# 147

Delta R.T. -0.02 min

Lab File: BG040709.D

Acq: 2 May 2019 16:28

Instrument :

BNA_G

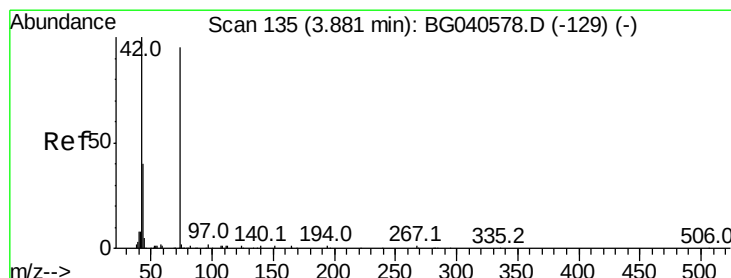
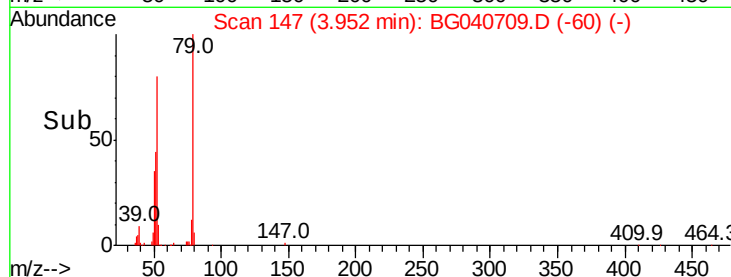
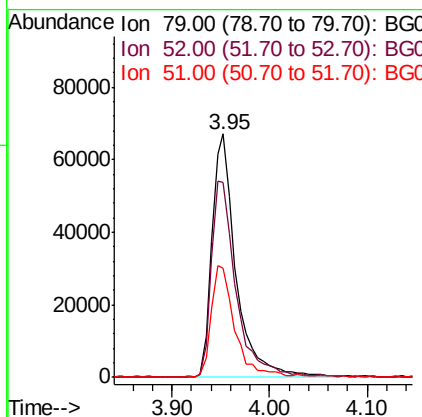
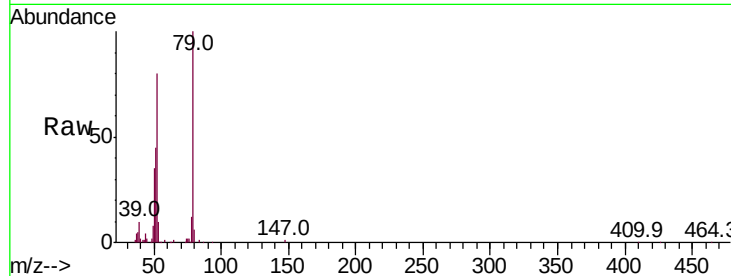
ClientSampleId :

PB119403BSD

Tot Ion:	79	Resp:	114125
Ion Ratio	Lower	Upper	
79	100		
52	80.3	67.5	101.3
51	44.8	35.6	53.4

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#4

n-Nitrosodimethylamine

Concen: 38.973 ng

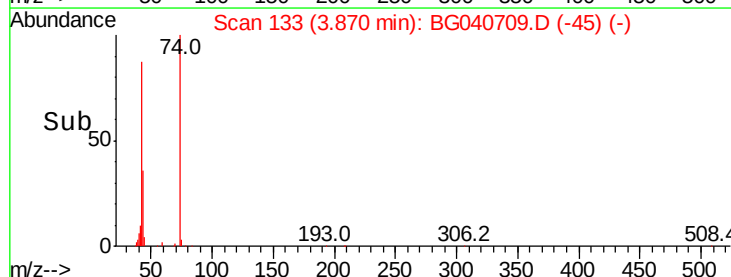
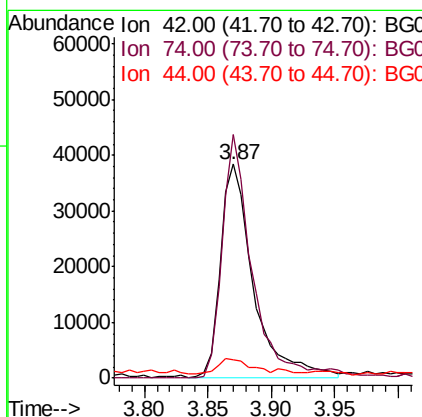
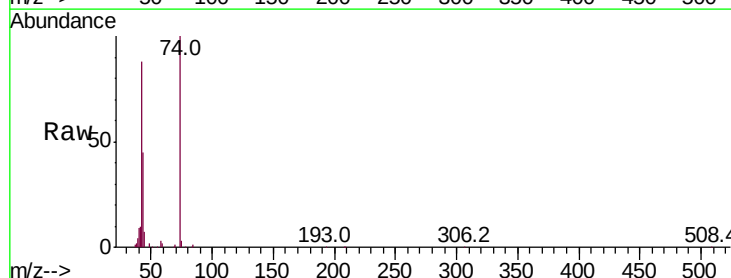
RT: 3.87 min Scan# 133

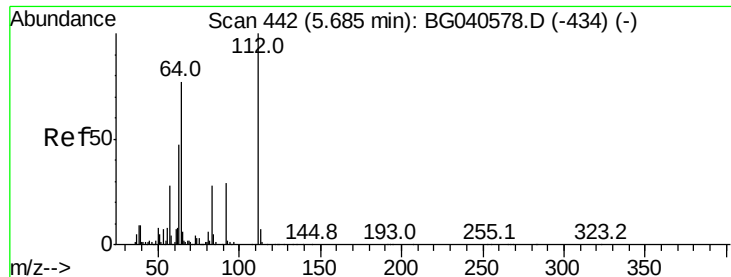
Delta R.T. -0.01 min

Lab File: BG040709.D

Acq: 2 May 2019 16:28

Tgt Ion:	42	Resp:	68700
Ion Ratio	Lower	Upper	
42	100		
74	113.8	74.6	111.8#
44	8.3	7.4	11.0





#5

2-Fluorophenol

Concen: 150.126 ng

RT: 5.68 min Scan# 441

Delta R.T. -0.00 min

Lab File: BG040709.D

Acq: 2 May 2019 16:28

Instrument :

BNA_G

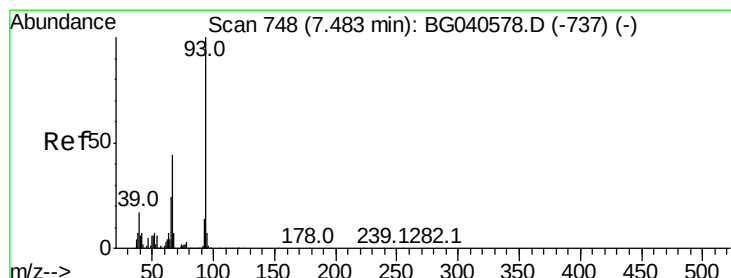
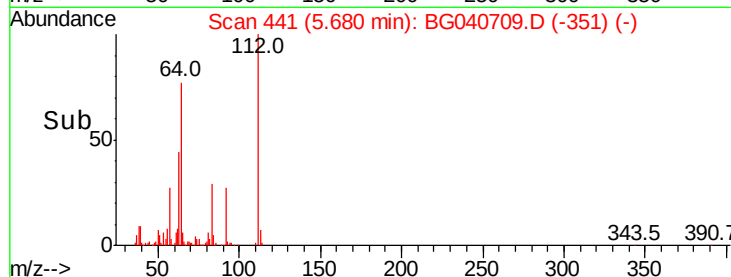
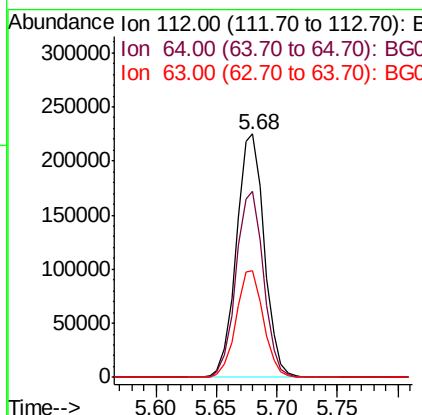
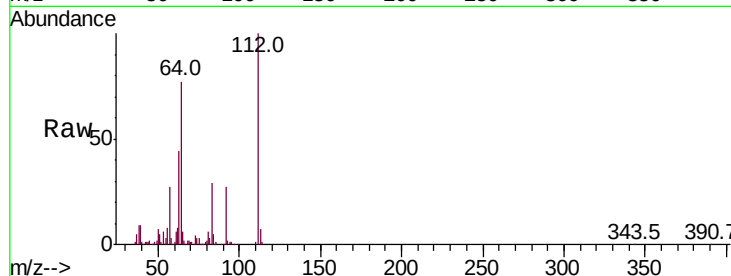
ClientSampleId :

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Tot Ion:	112	Resp:	361935
Ion Ratio	Lower	Upper	
112	100		
64	76.5	61.4	92.0
63	43.6	37.8	56.6

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#6

Aniline

Concen: 30.503 ng

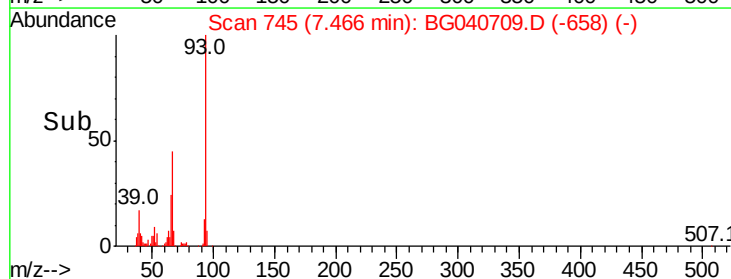
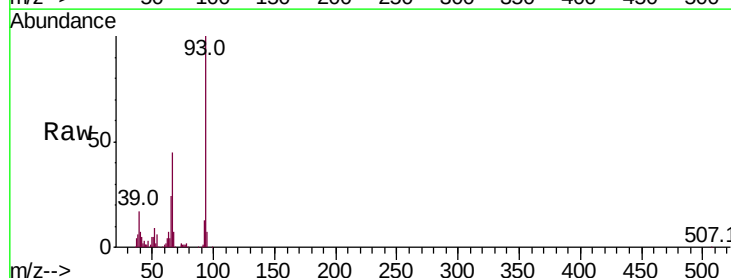
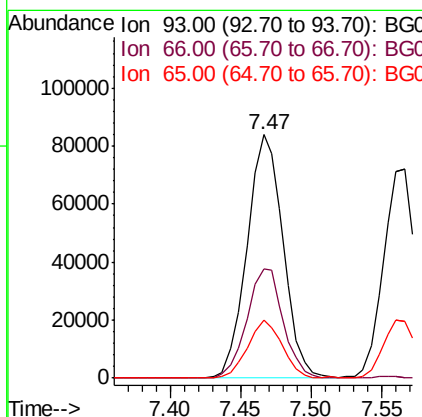
RT: 7.47 min Scan# 745

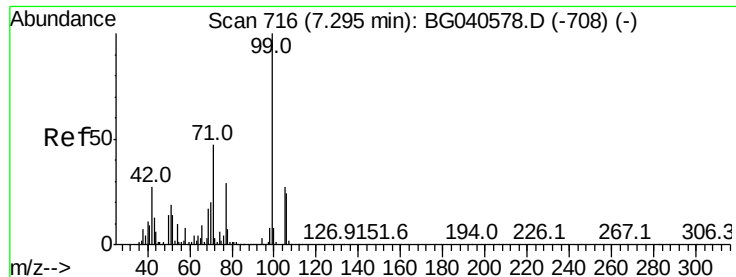
Delta R.T. -0.02 min

Lab File: BG040709.D

Acq: 2 May 2019 16:28

Tgt Ion:	93	Resp:	150079
Ion Ratio	Lower	Upper	
93	100		
66	45.1	35.5	53.3
65	24.1	19.2	28.8





#7

Phenol-d6

Concen: 140.782 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG040709.D

Acq: 2 May 2019 16:28

Instrument :

BNA_G

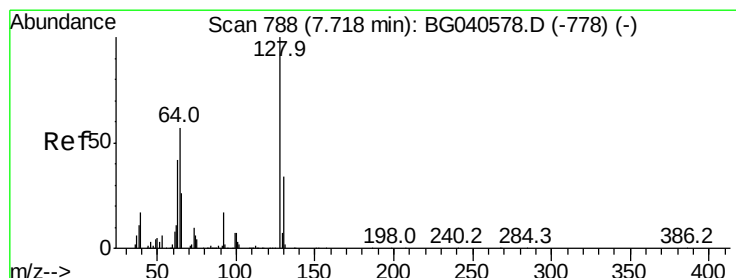
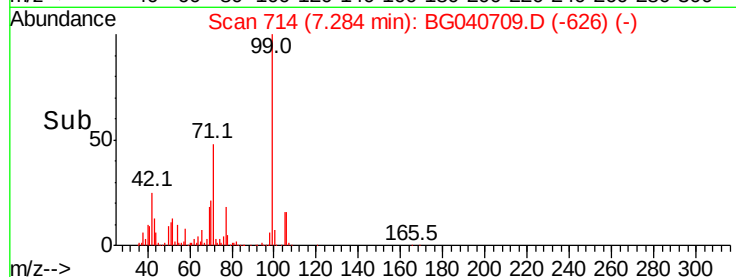
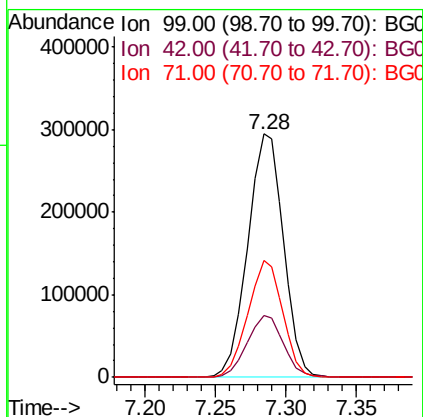
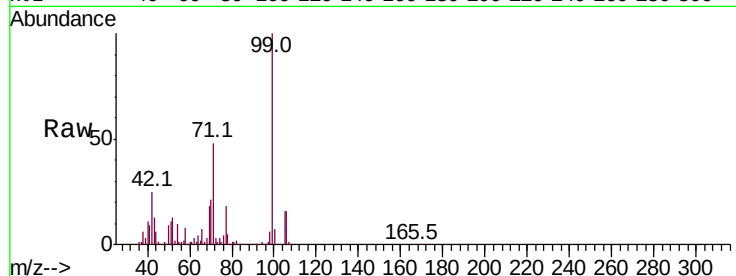
ClientSampleId :

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Tot Ion	Ratio	Resp	Lower	Upper
99	100	522591		
42	25.3		21.8	32.8
71	48.2		38.6	57.8

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#8

2-Chlorophenol

Concen: 43.786 ng

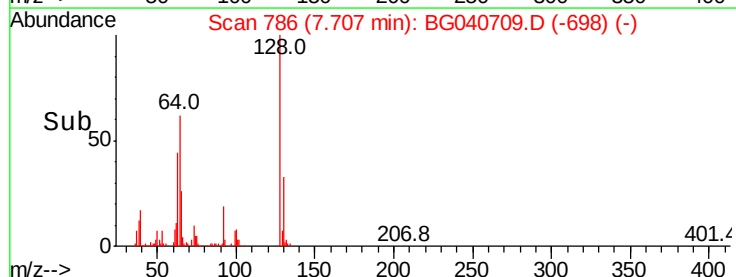
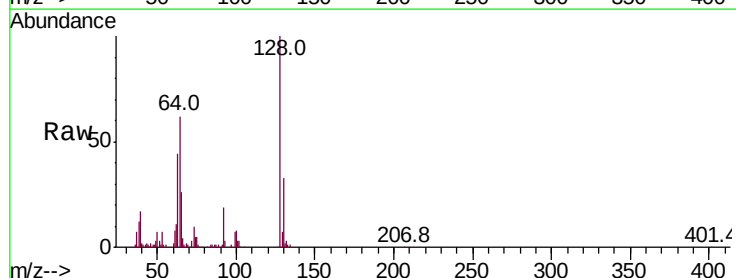
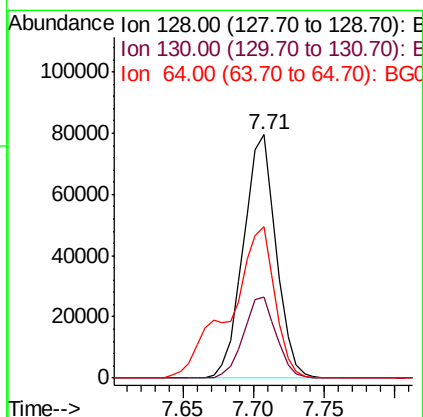
RT: 7.71 min Scan# 786

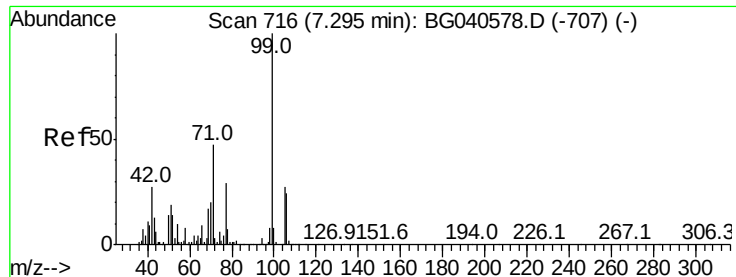
Delta R.T. -0.01 min

Lab File: BG040709.D

Acq: 2 May 2019 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	128895		
130	33.2		14.5	54.5
64	62.3		38.4	78.4





#9

Benzaldehyde

Concen: 44.264 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG040709.D

Acq: 2 May 2019 16:28

Instrument :

BNA_G

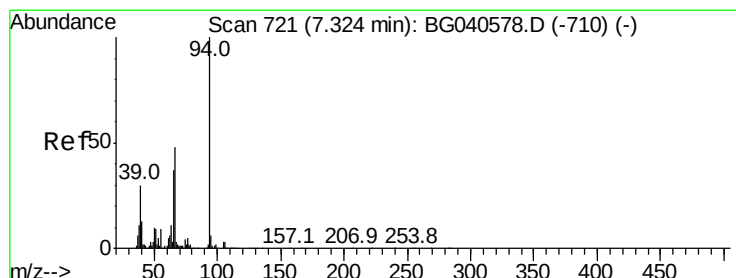
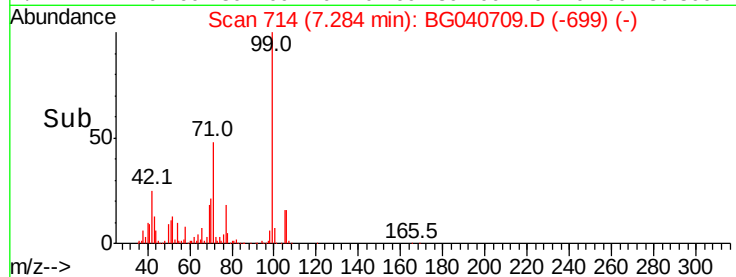
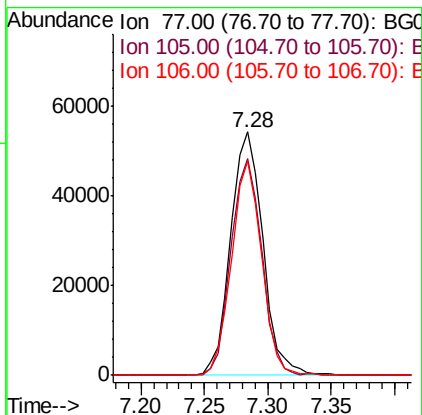
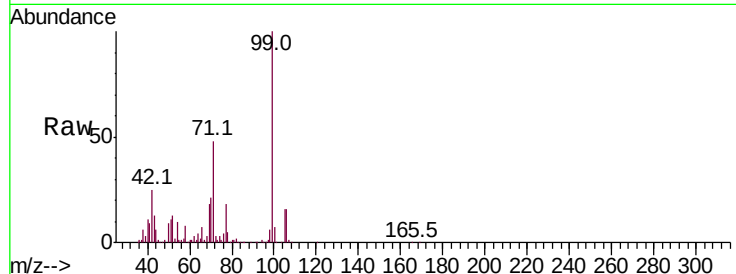
ClientSampleId :

PB119403BSD

Tot Ion:	77	Resp:	95717
Ion Ratio	Lower	Upper	
77	100		
105	88.9	72.0	112.0
106	87.8	61.2	101.2

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#10

Phenol

Concen: 45.400 ng

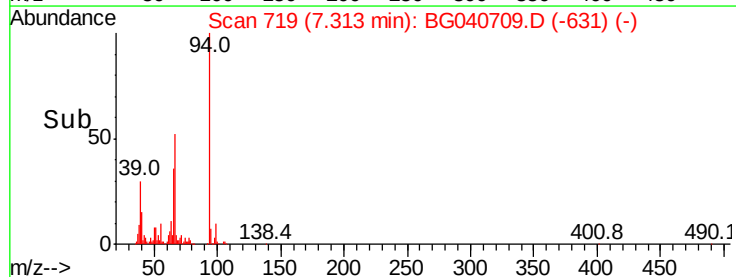
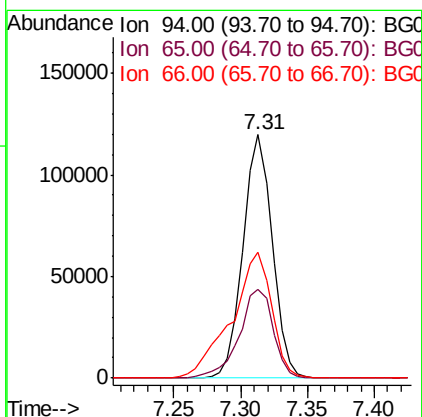
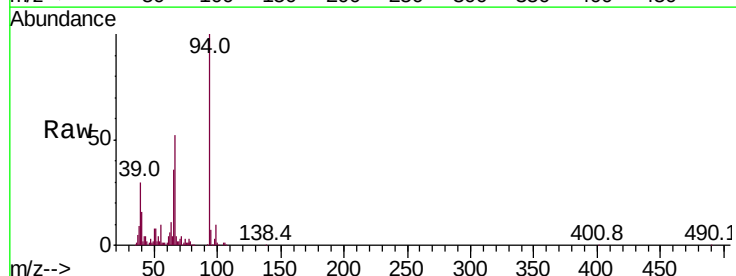
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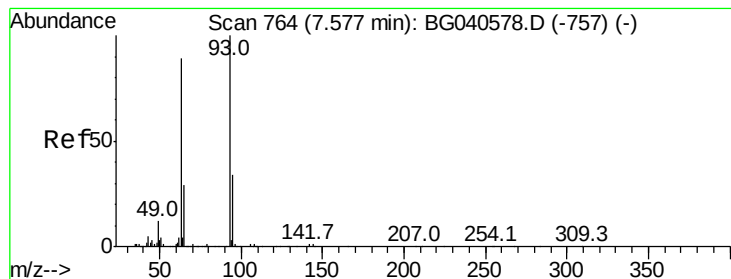
Delta R.T. -0.01 min

Lab File: BG040709.D

Acq: 2 May 2019 16:28

Tgt Ion:	94	Resp:	181159
Ion Ratio	Lower	Upper	
94	100		
65	36.3	17.0	57.0
66	51.8	28.6	68.6





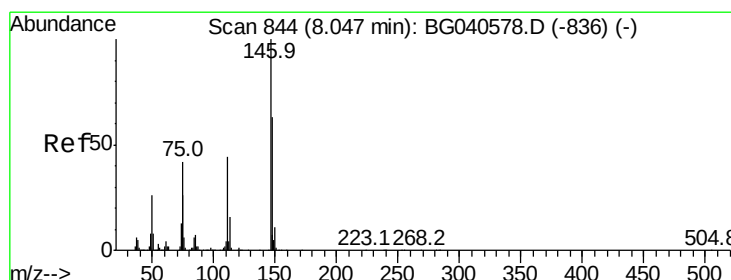
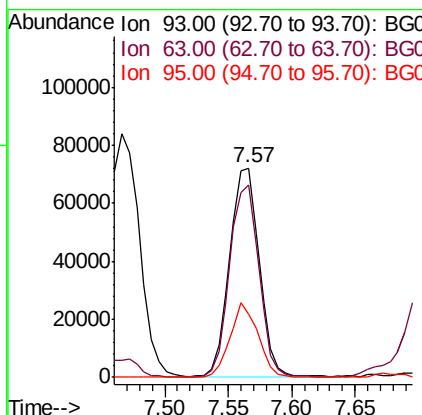
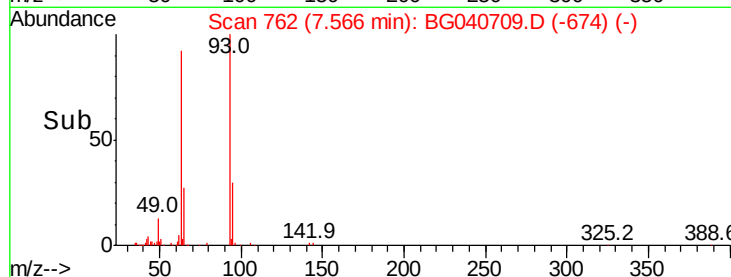
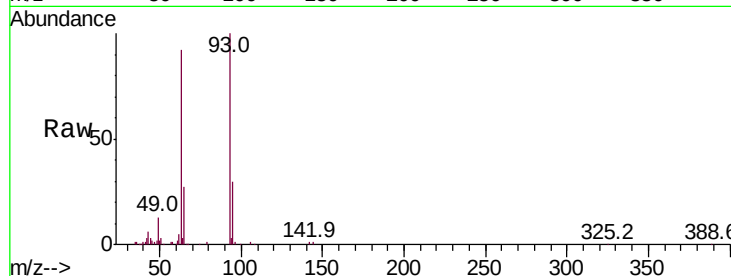
#11
bis(2-Chloroethyl)ether
Concen: 38.688 ng
RT: 7.57 min Scan# 762
Delta R.T. -0.01 min
Lab File: BG040709.D
Acq: 2 May 2019 16:28

Instrument :
BNA_G
ClientSampleId :
PB119403BSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	92.0	68.2	108.2	
95	30.2	14.3	54.3	

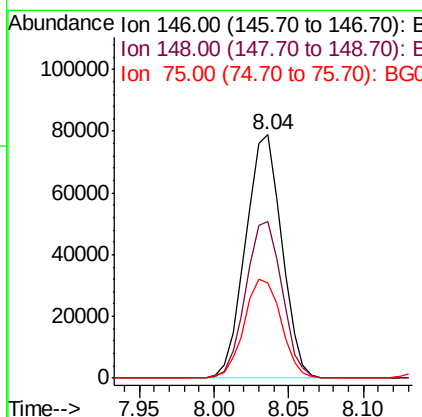
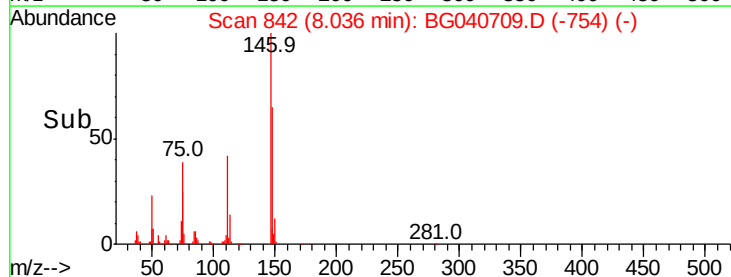
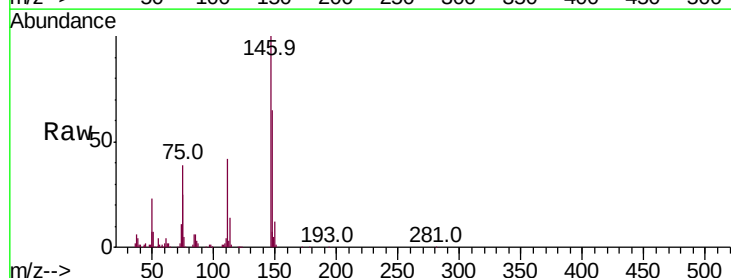
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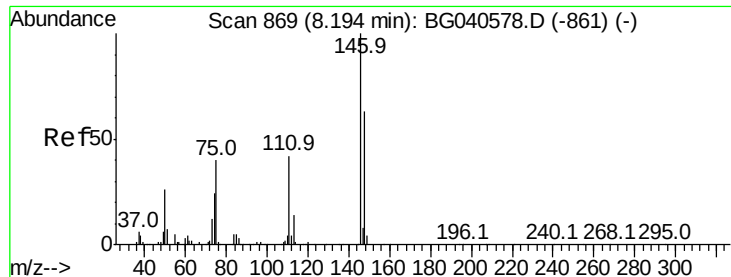
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#12
1,3-Dichlorobenzene
Concen: 41.159 ng
RT: 8.04 min Scan# 842
Delta R.T. -0.01 min
Lab File: BG040709.D
Acq: 2 May 2019 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	64.6	50.7	76.1	
75	38.9	33.4	50.2	





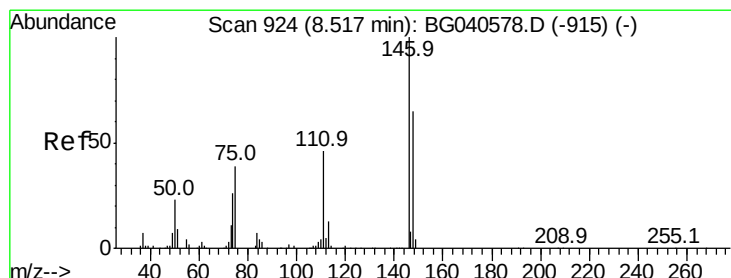
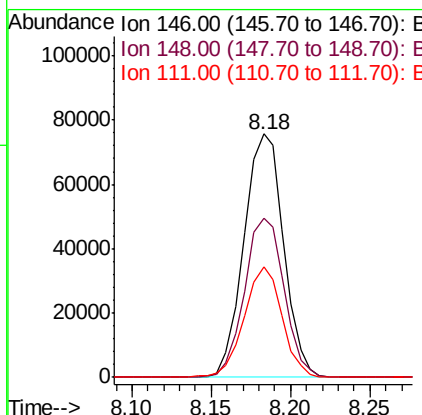
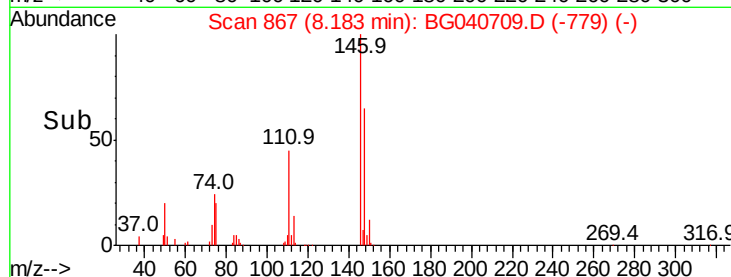
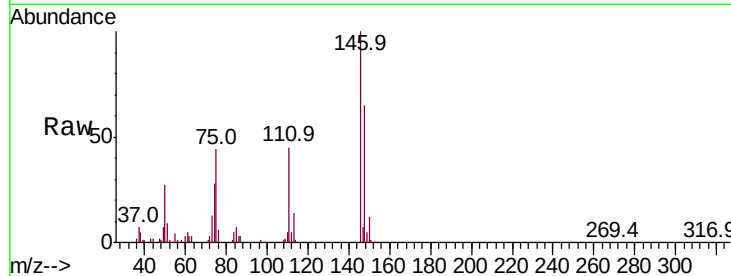
#13
 1,4-Dichlorobenzene
 Concen: 40.323 ng
 RT: 8.18 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: BG040709.D
 Acq: 2 May 2019 16:28

Instrument :
 BNA_G
 ClientSampleID :
 PB119403BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.3	50.6	75.8
111	45.4	34.3	51.5

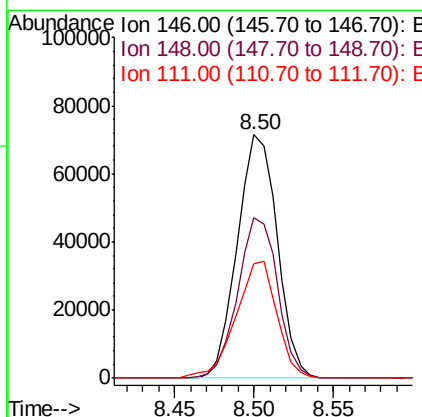
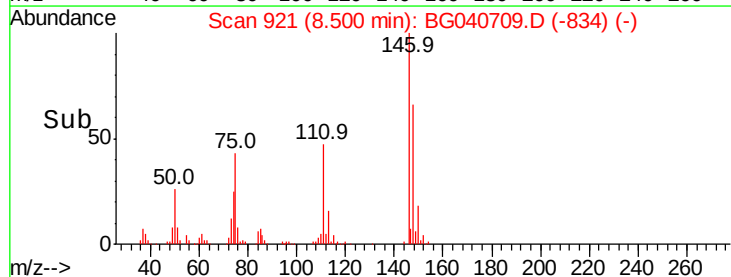
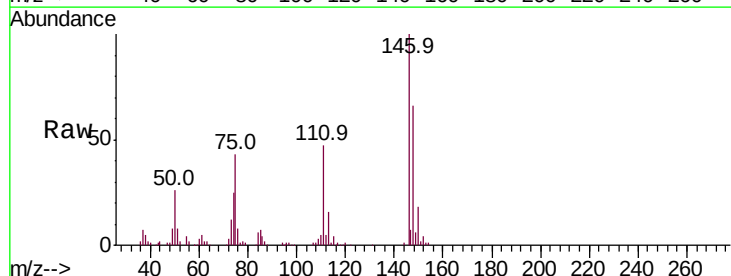
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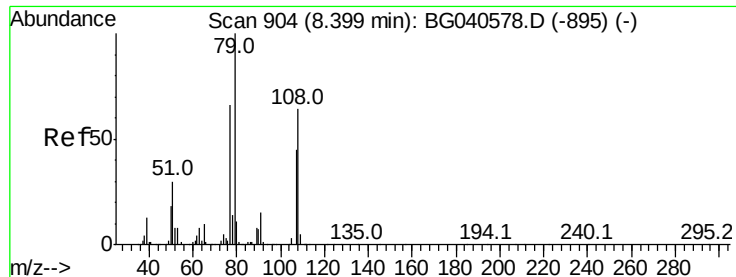
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 39.747 ng
 RT: 8.50 min Scan# 921
 Delta R.T. -0.02 min
 Lab File: BG040709.D
 Acq: 2 May 2019 16:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.0	52.2	78.4
111	47.1	37.4	56.0





#15

Benzyl Alcohol

Concen: 39.950 ng

RT: 8.38 min Scan# 901

Delta R.T. -0.02 min

Lab File: BG040709.D

Acq: 2 May 2019 16:28

Instrument :

BNA_G

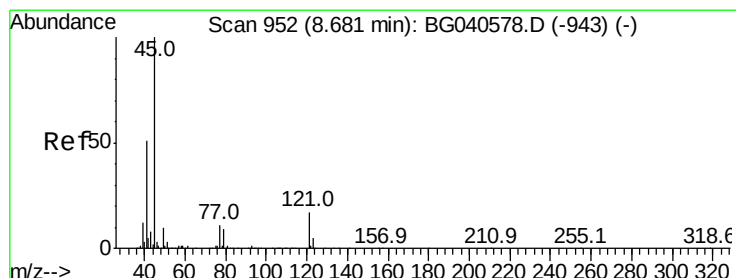
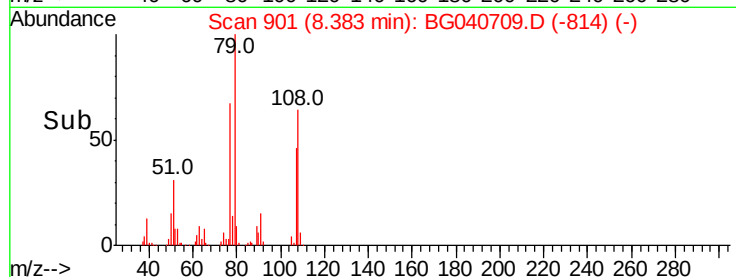
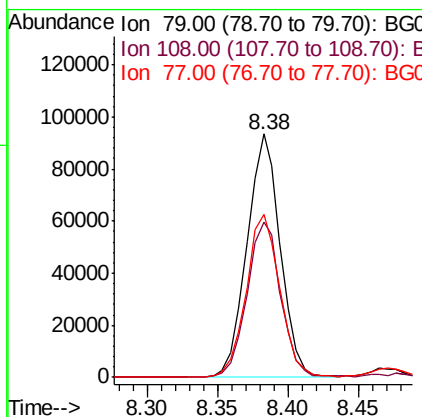
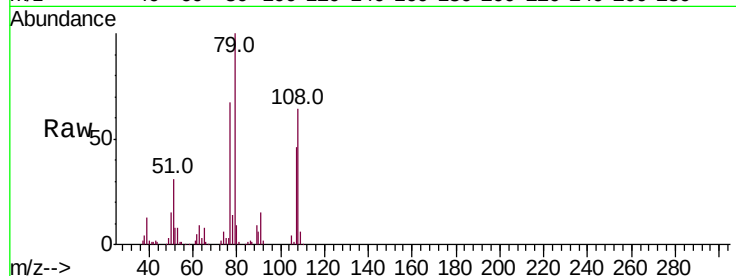
ClientSampleId :

PB119403BSD

Tot Ion:	79	Resp:	154304
Ion Ratio	Lower	Upper	
79	100		
108	63.7	51.4	77.0
77	66.8	52.6	79.0

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#16

2,2'-oxybis(1-chloropropane)

Concen: 35.808 ng

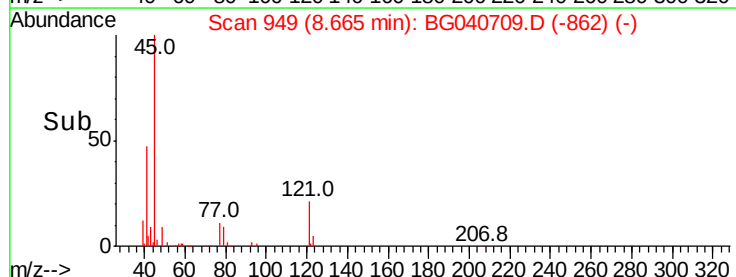
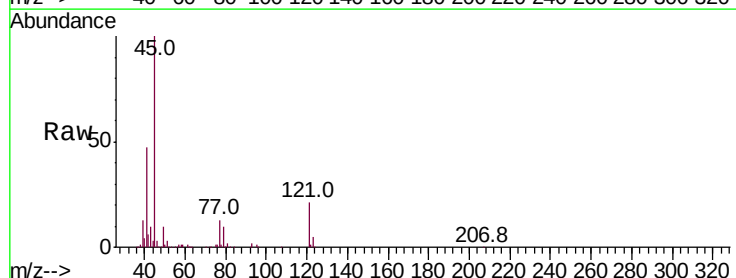
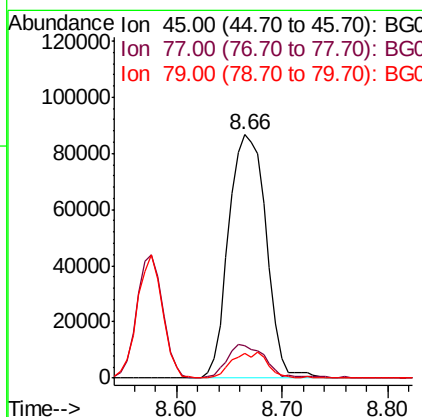
RT: 8.66 min Scan# 949

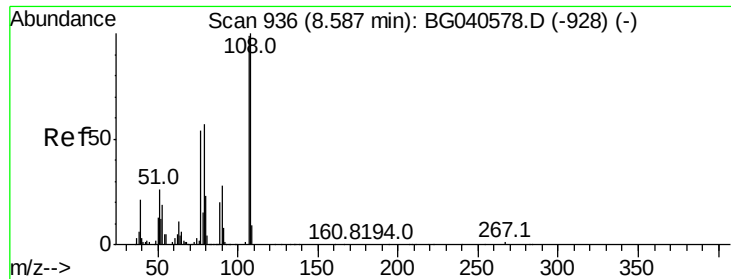
Delta R.T. -0.02 min

Lab File: BG040709.D

Acq: 2 May 2019 16:28

Tgt Ion:	45	Resp:	213319
Ion Ratio	Lower	Upper	
45	100		
77	13.2	0.0	31.5
79	10.2	0.0	29.4





#17

2-Methylphenol

Concen: 44.572 ng

RT: 8.58 min Scan# 934

Delta R.T. -0.01 min

Lab File: BG040709.D

Acq: 2 May 2019 16:28

Instrument :

BNA_G

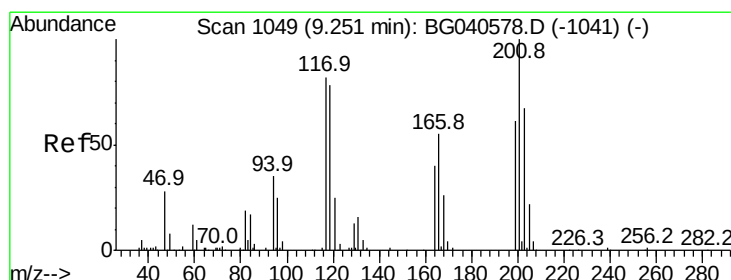
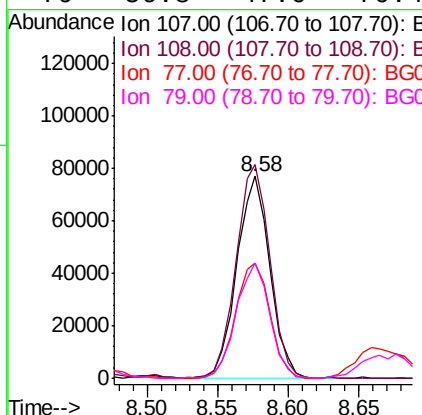
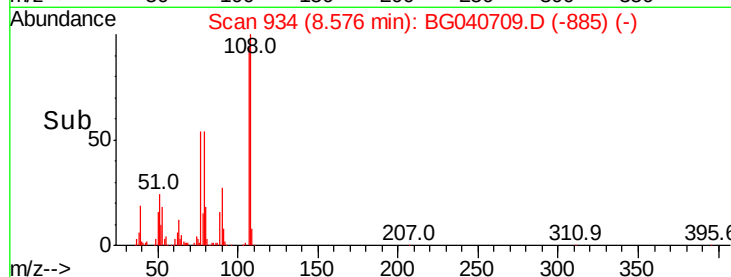
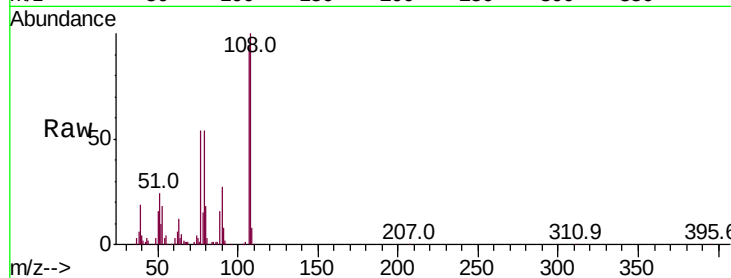
ClientSampleId :

PB119403BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	105.9	81.2	121.8	
77	57.0	44.4	66.6	
79	56.8	47.0	70.4	

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#18

Hexachloroethane

Concen: 37.476 ng

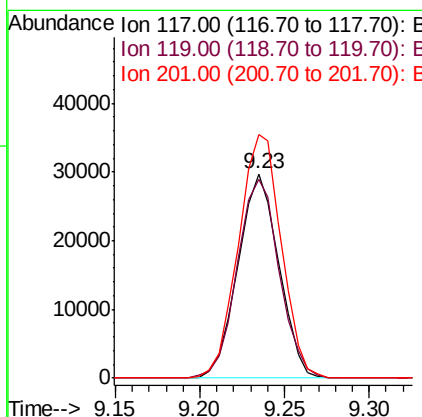
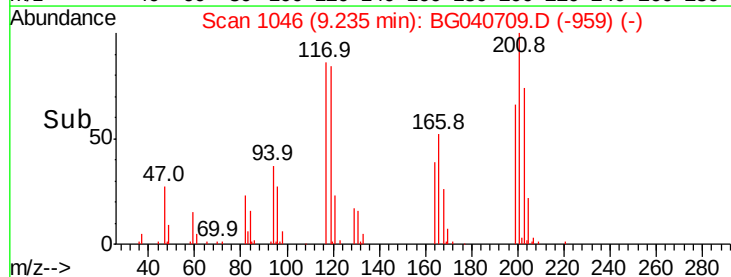
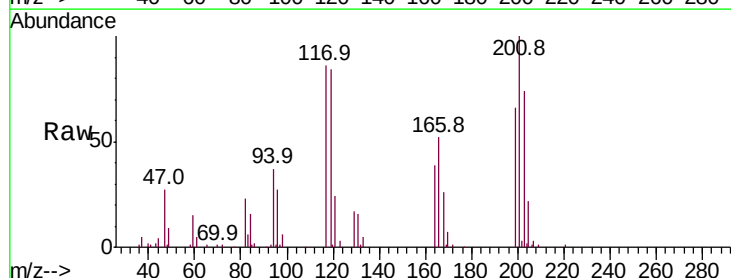
RT: 9.23 min Scan# 1046

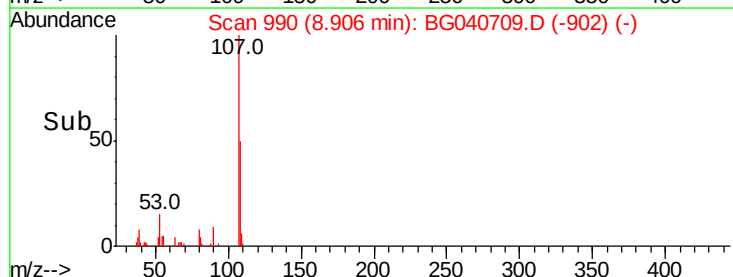
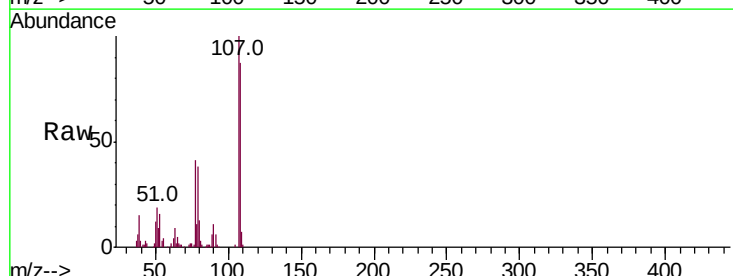
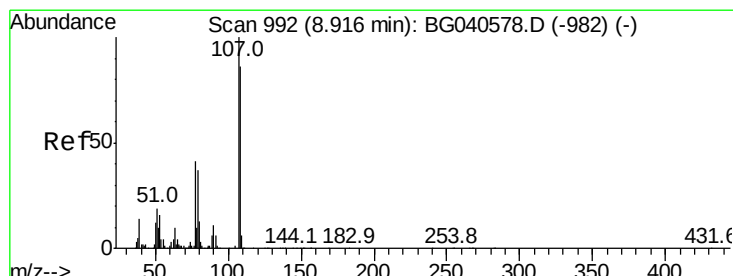
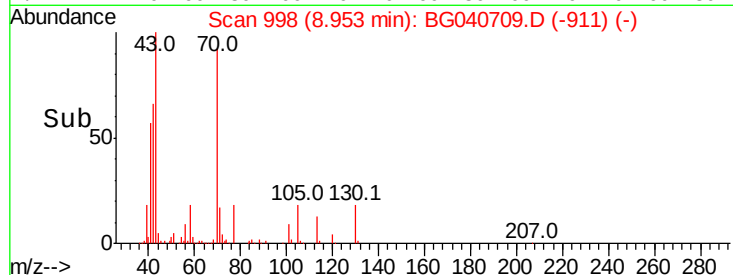
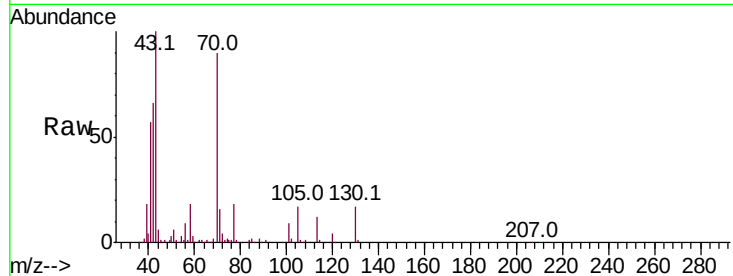
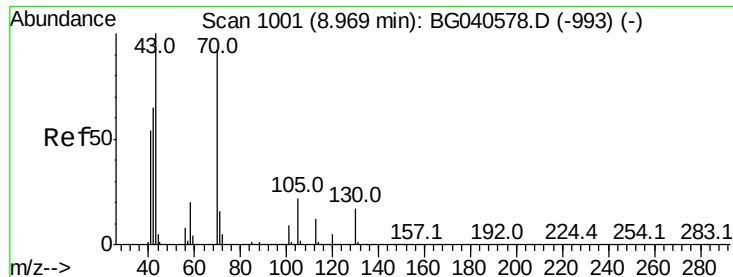
Delta R.T. -0.02 min

Lab File: BG040709.D

Acq: 2 May 2019 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.6	76.6	114.8	
201	119.2	101.0	151.6	





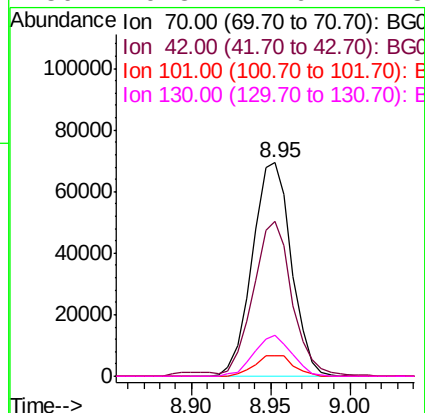
#19
n-Nitroso-di-n-propylamine
Concen: 35.499 ng
RT: 8.95 min Scan# 998
Delta R.T. -0.02 min
Lab File: BG040709.D
Acq: 2 May 2019 16:28

Instrument :
BNA_G
ClientSampleId :
PB119403BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	72.4	57.1	85.7
101	9.6	7.8	11.8
130	19.3	14.6	21.8

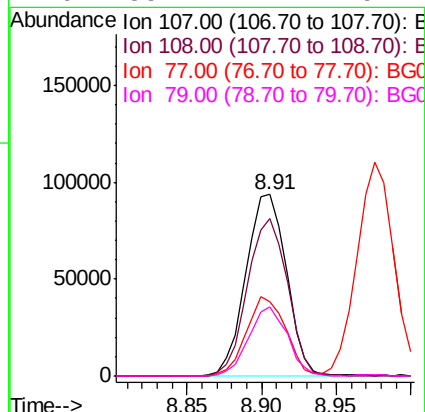
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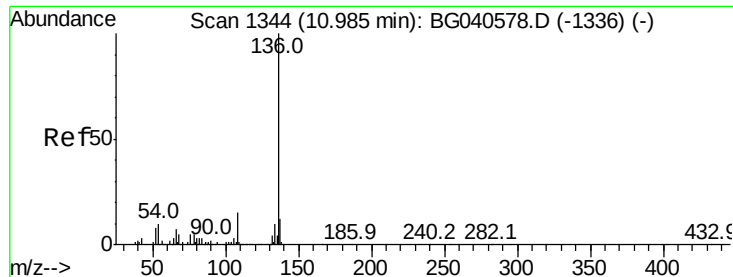
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#20
3+4-Methylphenols
Concen: 44.805 ng
RT: 8.91 min Scan# 990
Delta R.T. -0.01 min
Lab File: BG040709.D
Acq: 2 May 2019 16:28

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.0	66.1	106.1
77	40.8	21.6	61.6
79	38.1	17.4	57.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.97 min Scan# 1342

Delta R.T. -0.01 min

Lab File: BG040709.D

Acq: 2 May 2019 16:28

Instrument :

BNA_G

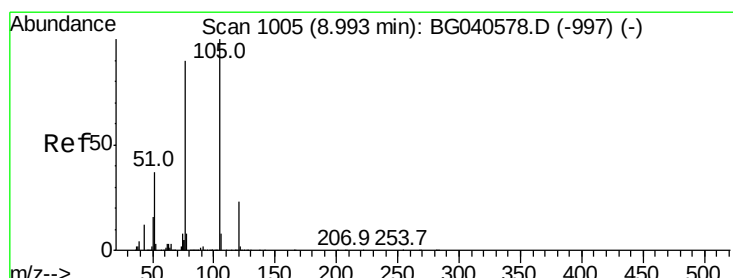
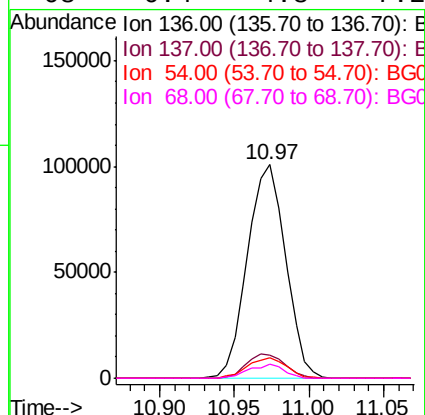
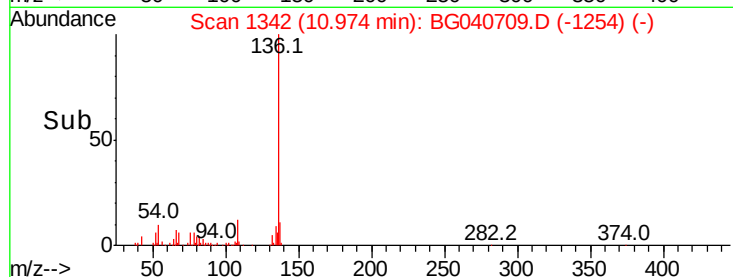
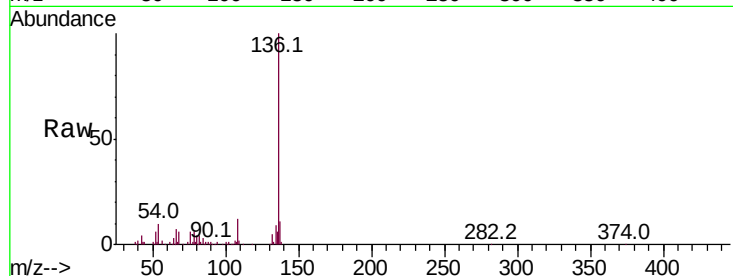
ClientSampleId :

PB119403BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	178418		
137	10.6		9.7	14.5
54	9.5		8.6	12.8
68	6.4		4.8	7.2

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#22

Acetophenone

Concen: 43.135 ng

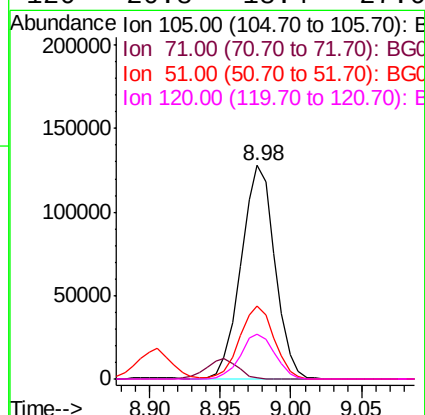
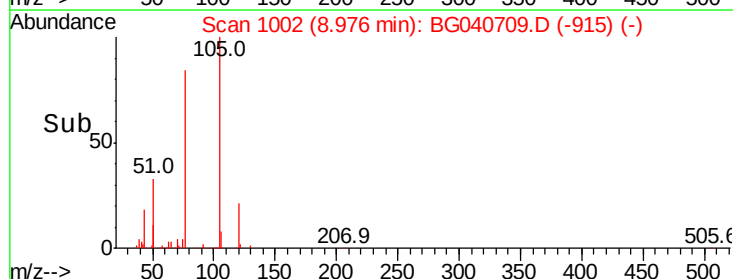
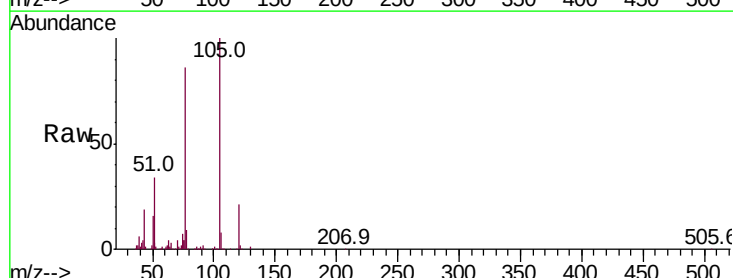
RT: 8.98 min Scan# 1002

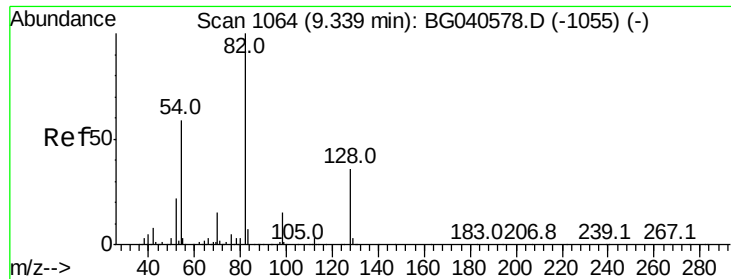
Delta R.T. -0.02 min

Lab File: BG040709.D

Acq: 2 May 2019 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	214007		
71	0.8		1.8	2.8#
51	34.2		29.8	44.8
120	20.8		18.4	27.6





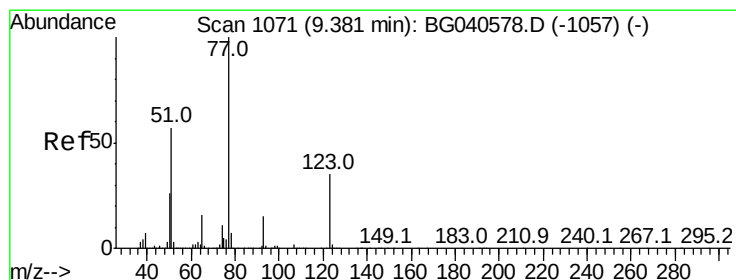
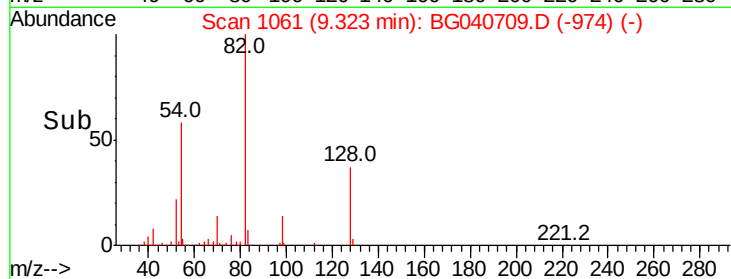
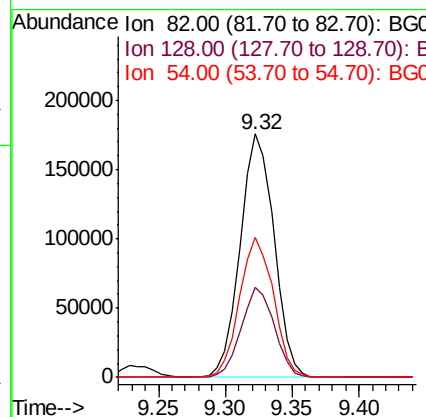
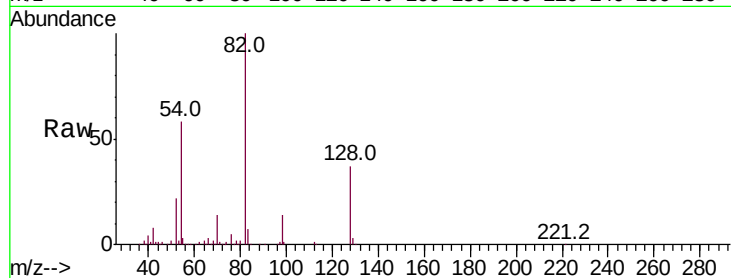
#23
 Nitrobenzene-d5
 Concen: 80.121 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BG040709.D
 Acq: 2 May 2019 16:28

Instrument :
 BNA_G
 ClientSampleId :
 PB119403BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	309374		
128	36.8	28.9	43.3	
54	57.7	47.2	70.8	

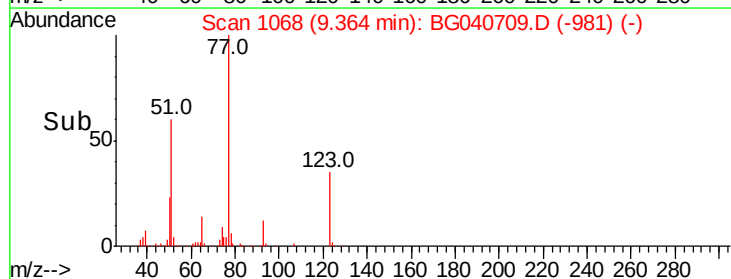
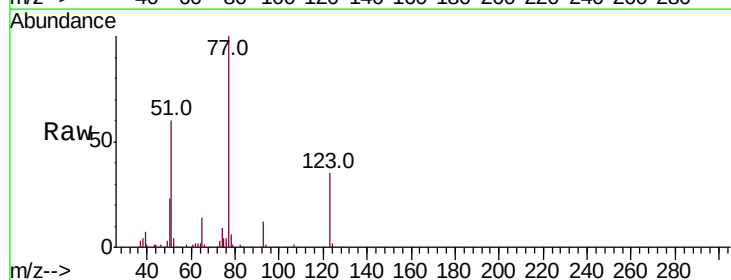
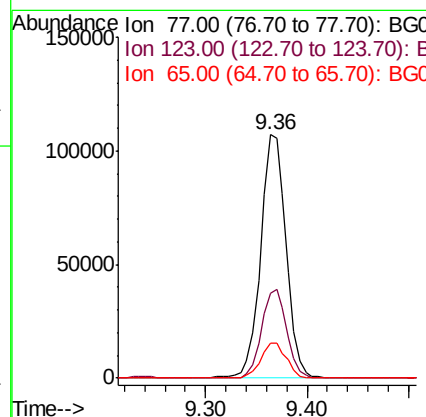
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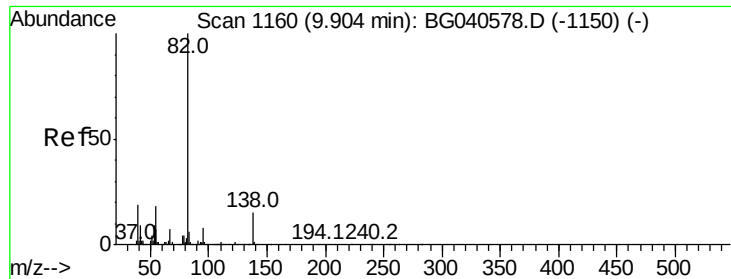
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#24
 Nitrobenzene
 Concen: 45.349 ng
 RT: 9.36 min Scan# 1068
 Delta R.T. -0.02 min
 Lab File: BG040709.D
 Acq: 2 May 2019 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	186830		
123	35.0	27.8	41.6	
65	14.2	12.4	18.6	





#25

Isophorone

Concen: 38.922 ng

RT: 9.88 min Scan# 1156

Delta R.T. -0.02 min

Lab File: BG040709.D

Acq: 2 May 2019 16:28

Instrument :

BNA_G

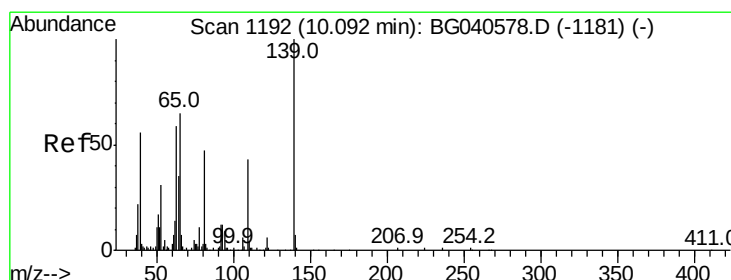
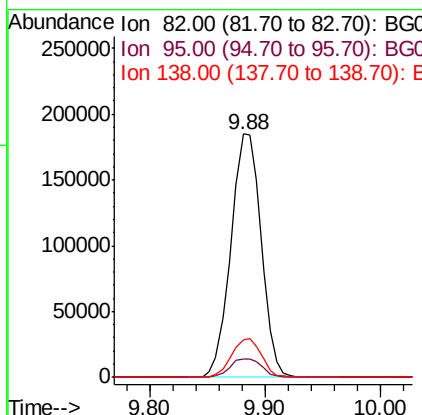
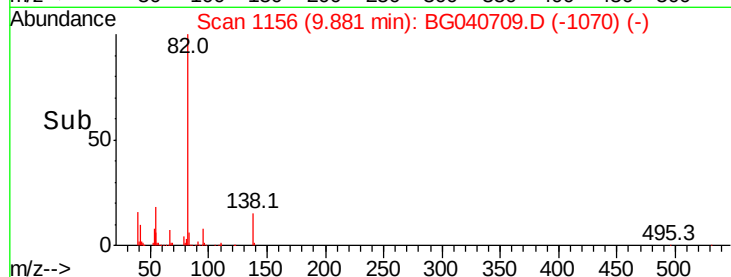
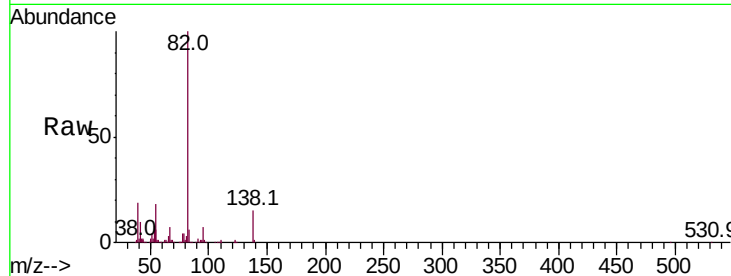
ClientSampleId :

PB119403BSD

Tot Ion:	82	Resp:	334771
Ion Ratio	Lower	Upper	
82	100		
95	7.5	6.9	10.3
138	15.4	12.3	18.5

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#26

2-Nitrophenol

Concen: 48.568 ng

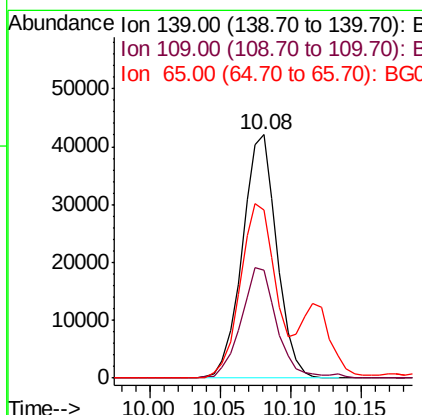
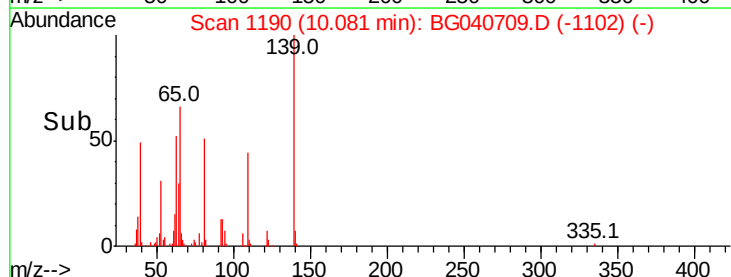
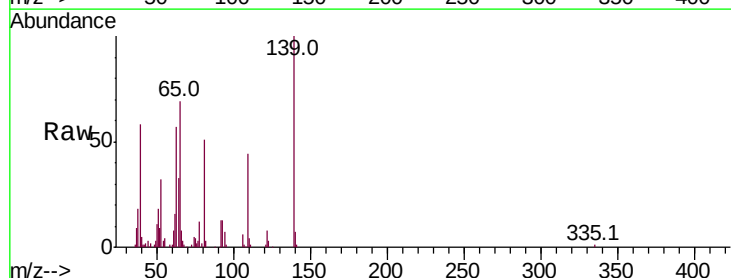
RT: 10.08 min Scan# 1190

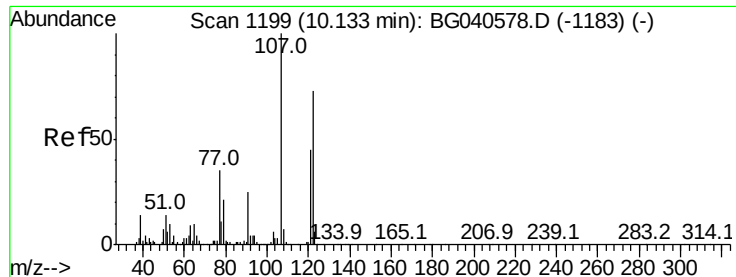
Delta R.T. -0.01 min

Lab File: BG040709.D

Acq: 2 May 2019 16:28

Tgt Ion:	139	Resp:	71725
Ion Ratio	Lower	Upper	
139	100		
109	44.2	35.6	53.4
65	69.3	52.3	78.5





#27

2,4-Dimethylphenol

Concen: 52.461 ng

RT: 10.12 min Scan# 1196

Delta R.T. -0.02 min

Lab File: BG040709.D

Acq: 2 May 2019 16:28

Instrument :

BNA_G

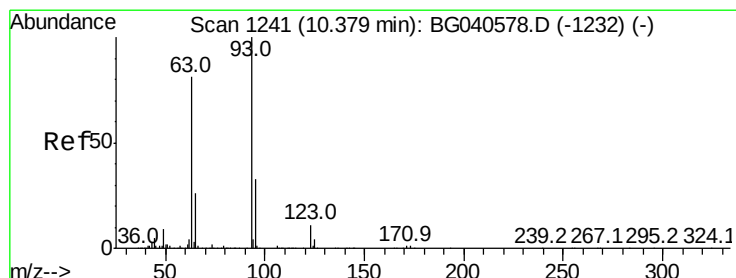
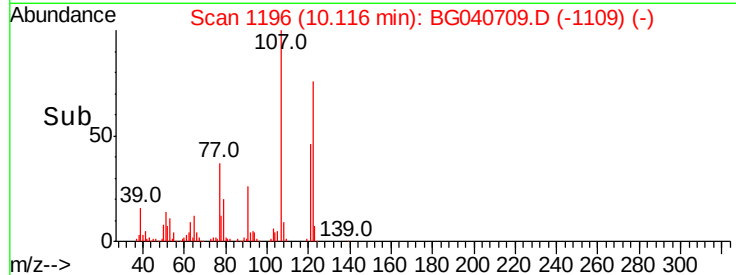
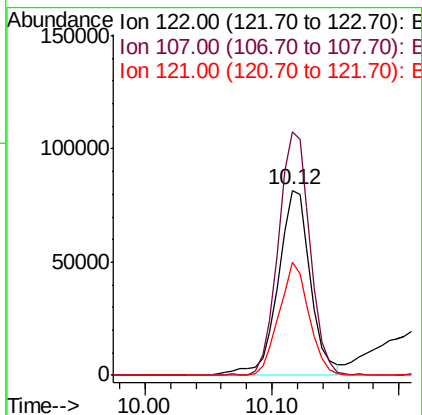
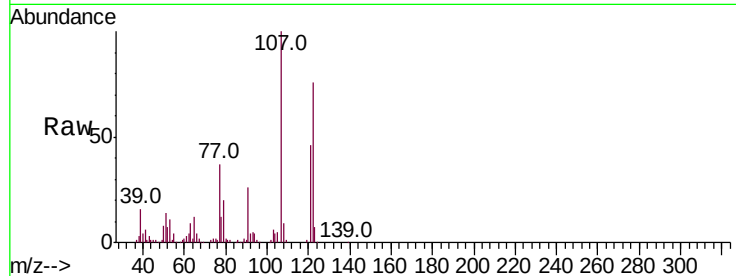
ClientSampleId :

PB119403BSD

Tot Ion:	122	Resp:	145361
Ion Ratio	Lower	Upper	
122	100		
107	131.4	110.1	165.1
121	60.8	49.4	74.0

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#28

bis(2-Chloroethoxy)methane

Concen: 40.012 ng

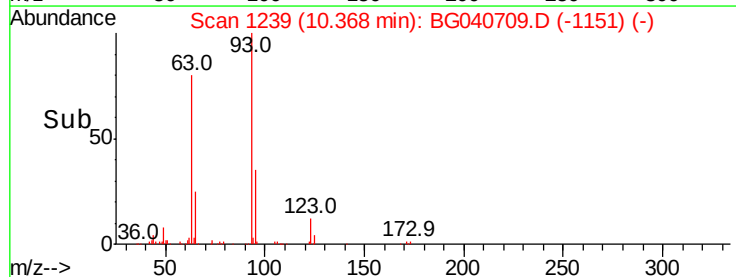
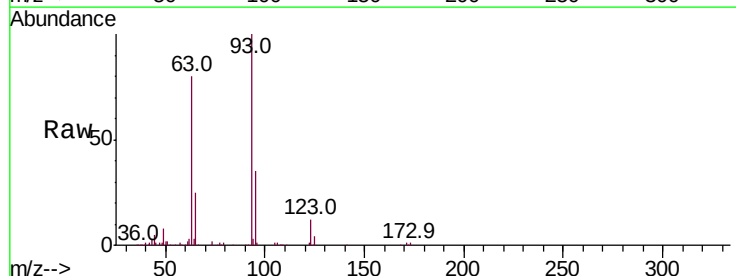
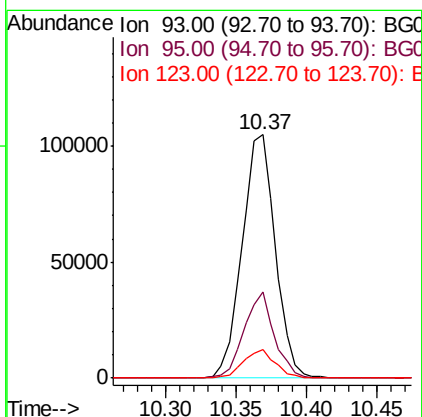
RT: 10.37 min Scan# 1239

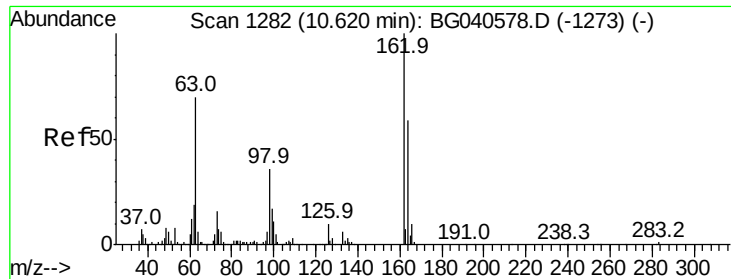
Delta R.T. -0.01 min

Lab File: BG040709.D

Acq: 2 May 2019 16:28

Tgt Ion:	93	Resp:	172666
Ion Ratio	Lower	Upper	
93	100		
95	35.4	26.6	40.0
123	11.5	9.0	13.4





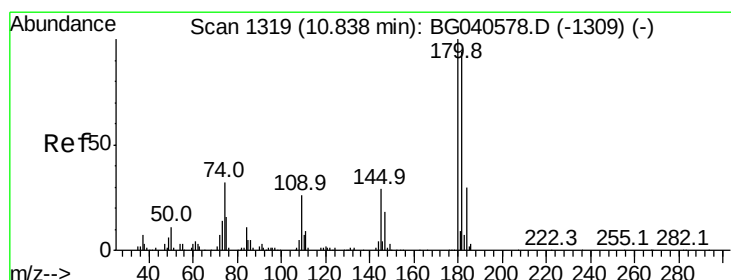
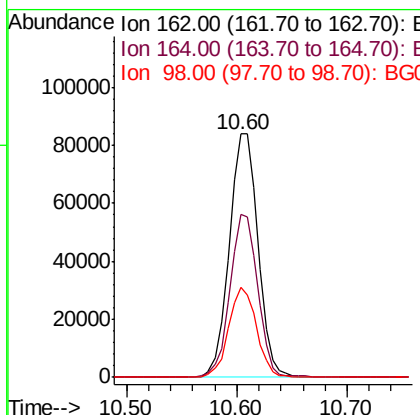
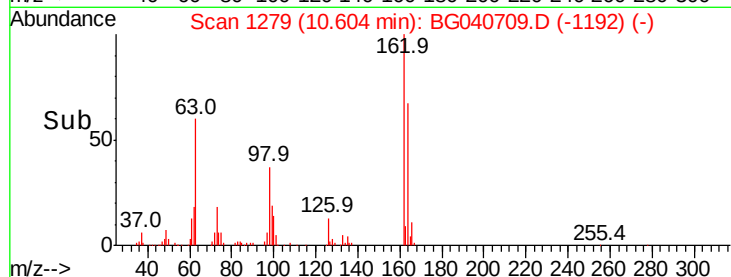
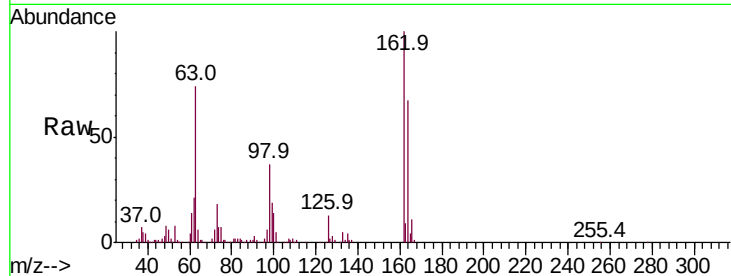
#29
 2,4-Dichlorophenol
 Concen: 48.727 ng
 RT: 10.60 min Scan# 1279
 Delta R.T. -0.02 min
 Lab File: BG040709.D
 Acq: 2 May 2019 16:28

Instrument :
 BNA_G
 ClientSampleId :
 PB119403BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	153493		
164	67.1	38.9	78.9	
98	37.0	16.8	56.8	

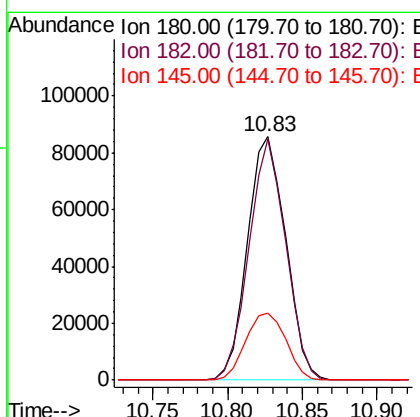
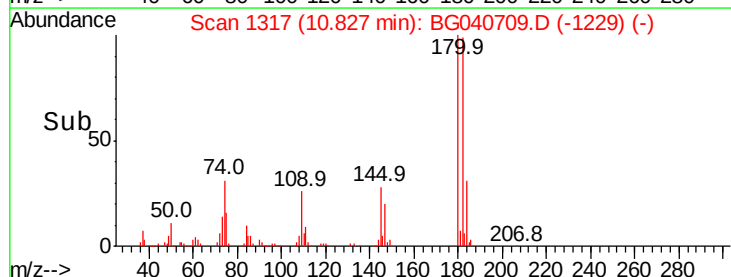
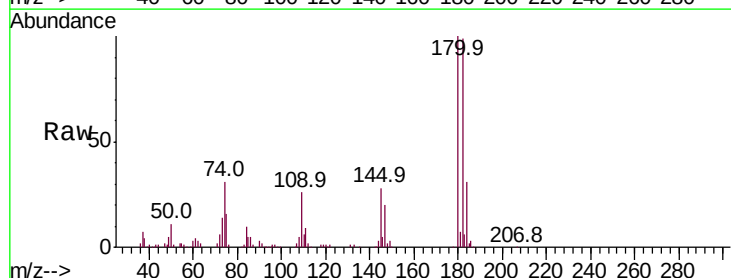
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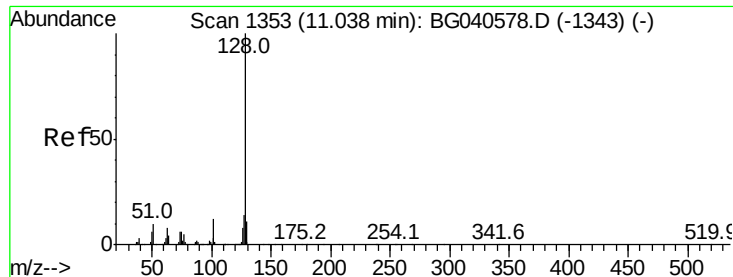
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#30
 1,2,4-Trichlorobenzene
 Concen: 43.437 ng
 RT: 10.83 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BG040709.D
 Acq: 2 May 2019 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	151737		
182	99.1	75.2	112.8	
145	27.6	23.6	35.4	





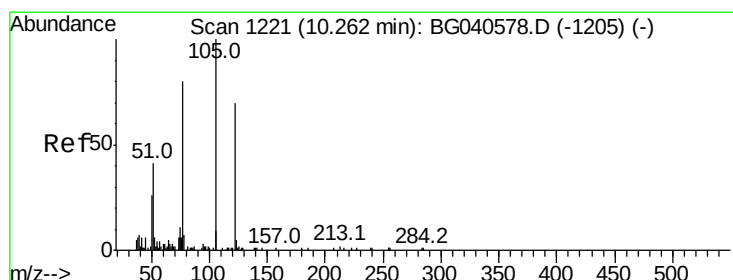
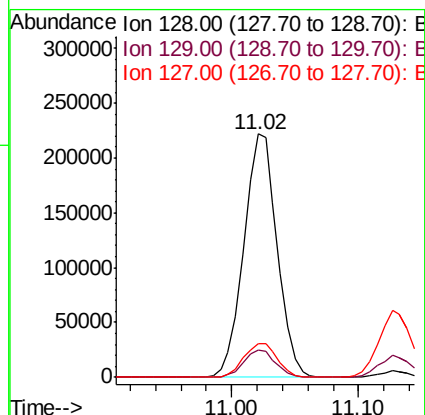
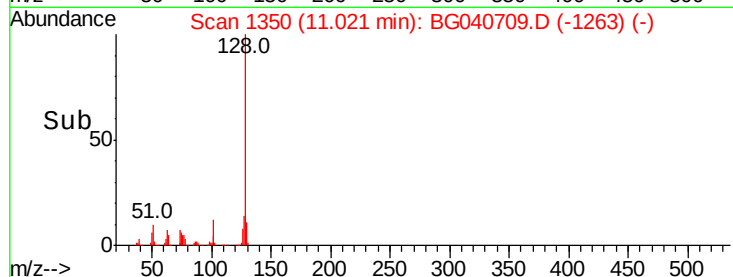
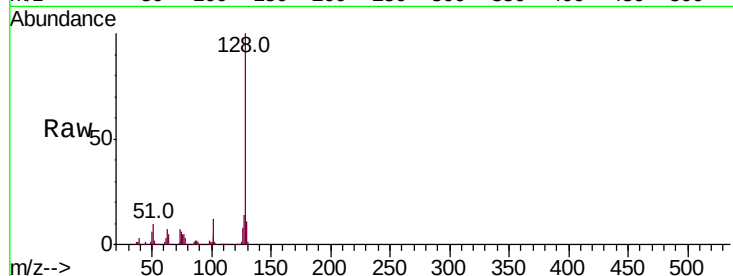
#31
Naphthalene
Concen: 42.510 ng
RT: 11.02 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BG040709.D
Acq: 2 May 2019 16:28

Instrument :
BNA_G
ClientSampleId :
PB119403BSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.2	9.0	13.6	
127	14.0	11.3	16.9	

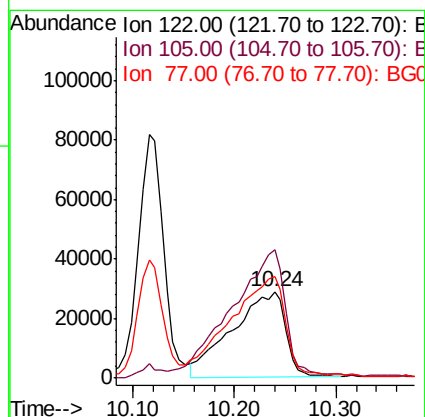
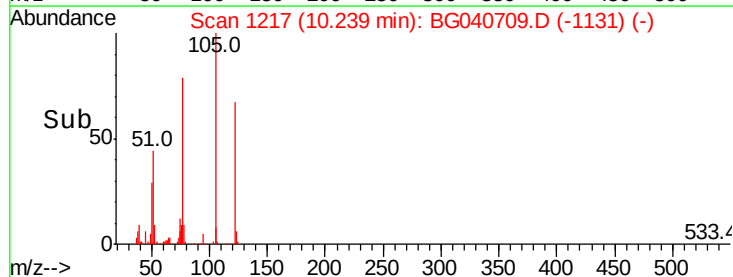
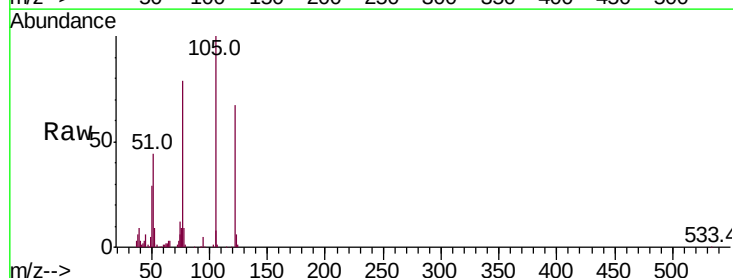
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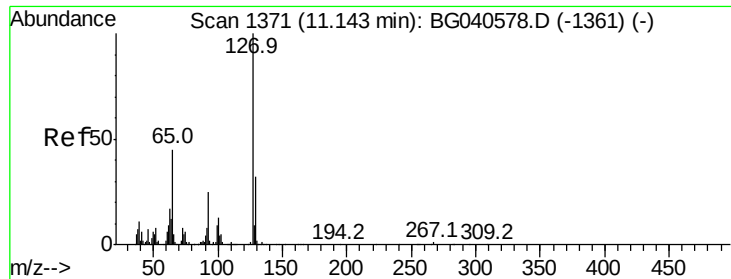
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#32
Benzoic acid
Concen: 55.140 ng
RT: 10.24 min Scan# 1217
Delta R.T. -0.02 min
Lab File: BG040709.D
Acq: 2 May 2019 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	148.3	110.9	150.9	
77	117.4	87.6	127.6	





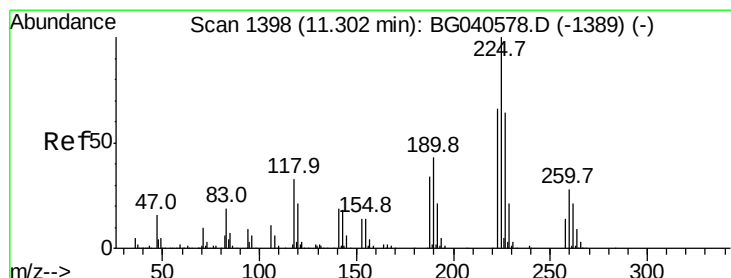
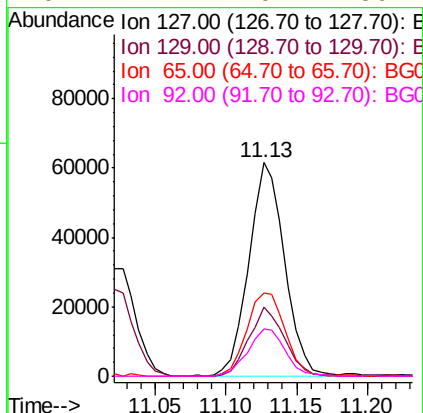
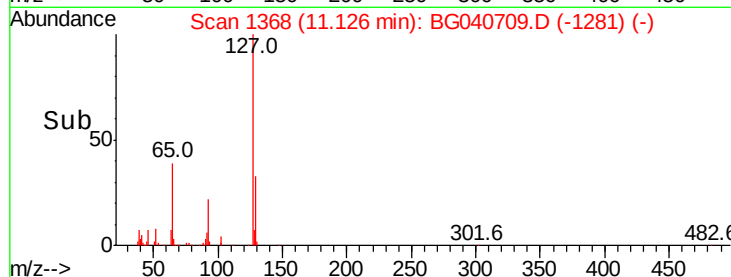
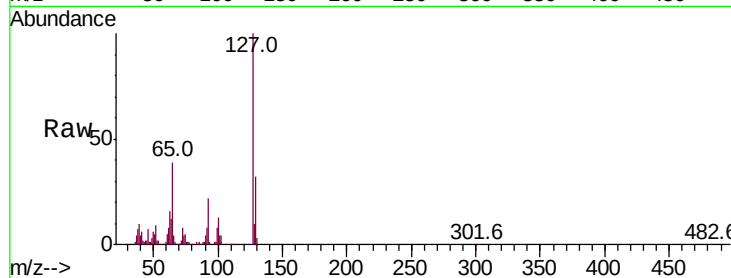
#33
4-Chloroaniline
Concen: 26.076 ng
RT: 11.13 min Scan# 1368
Delta R.T. -0.02 min
Lab File: BG040709.D
Acq: 2 May 2019 16:28

Instrument :
BNA_G
ClientSampleId :
PB119403BSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.4	25.7	38.5	
65	39.0	36.1	54.1	
92	22.1	20.1	30.1	

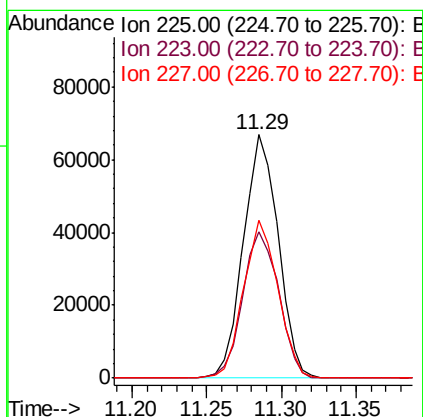
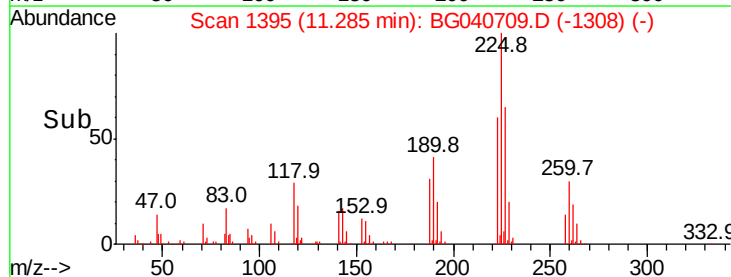
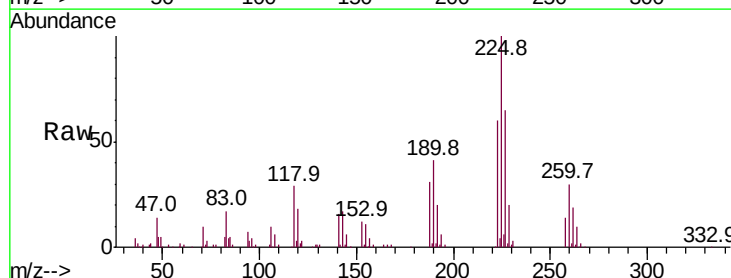
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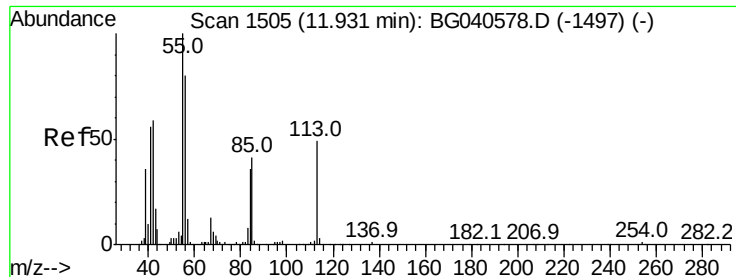
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#34
Hexachlorobutadiene
Concen: 41.869 ng
RT: 11.29 min Scan# 1395
Delta R.T. -0.02 min
Lab File: BG040709.D
Acq: 2 May 2019 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	60.1	50.4	75.6	
227	67.0	51.0	76.6	





#35

Caprolactam

Concen: 45.373 ng/ml

RT: 11.91 min Scan# 1501

Delta R.T. -0.02 min

Lab File: BG040709.D

Acq: 2 May 2019 16:28

Instrument :

BNA_G

ClientSampleId :

PB119403BSD

Tot Ion:113 Resp: 56429

Ion Ratio Lower Upper

113 100

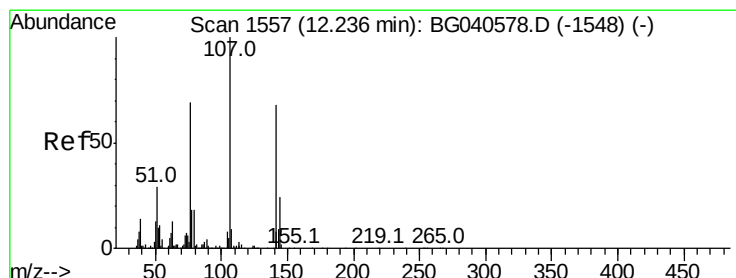
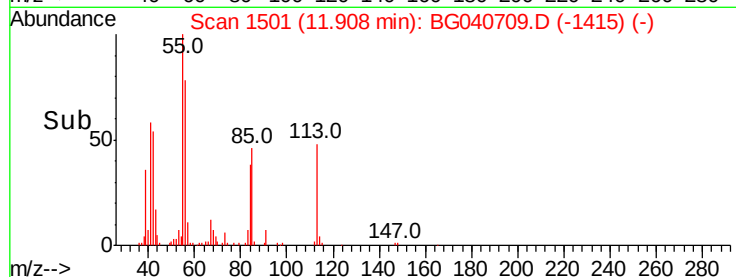
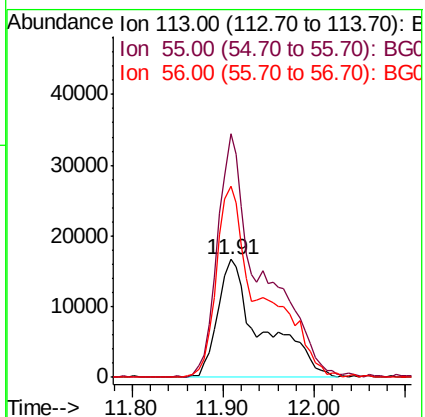
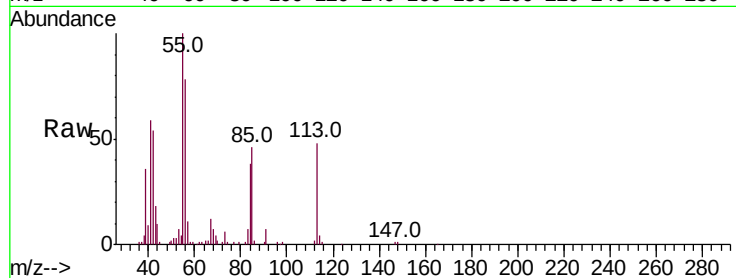
55 206.3 198.6 238.6

56 161.6 148.4 188.4

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#36

4-Chloro-3-methylphenol

Concen: 47.625 ng/ml

RT: 12.23 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BG040709.D

Acq: 2 May 2019 16:28

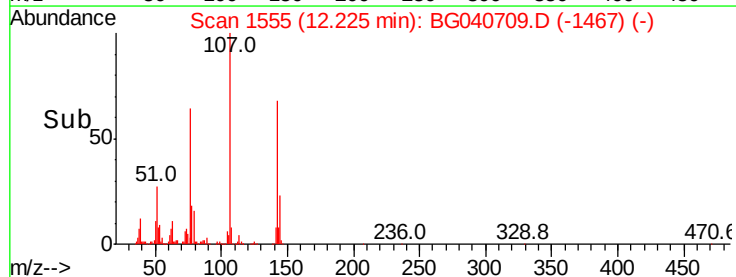
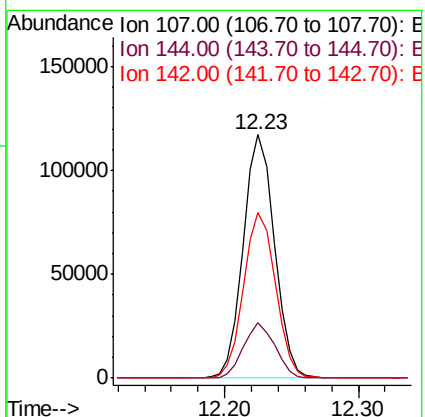
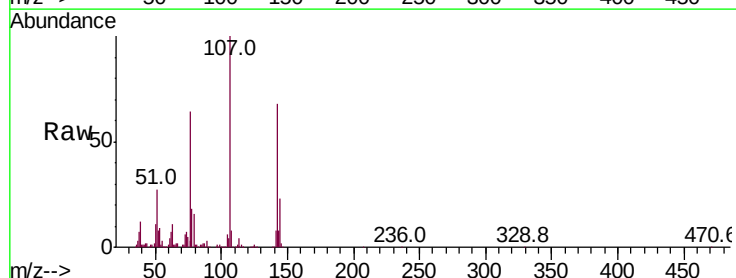
Tgt Ion:107 Resp: 189257

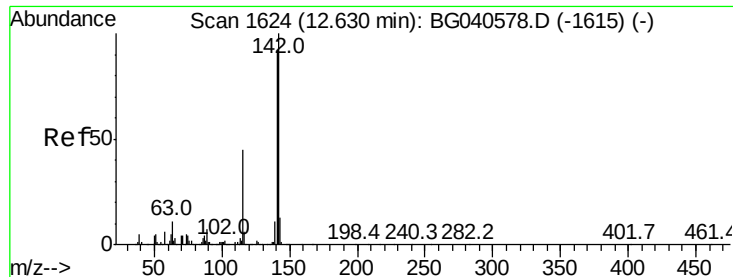
Ion Ratio Lower Upper

107 100

144 22.5 19.3 28.9

142 67.8 54.6 81.8





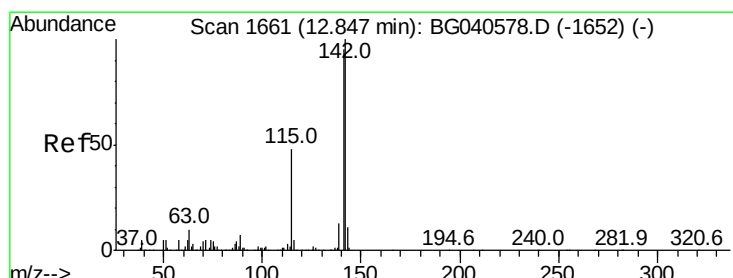
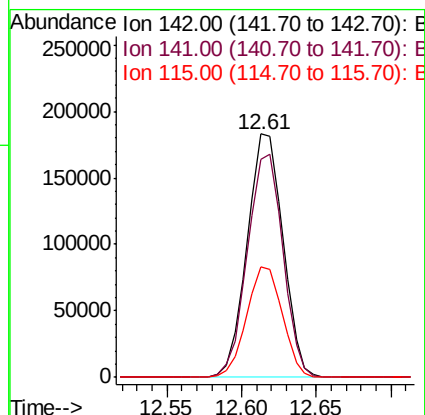
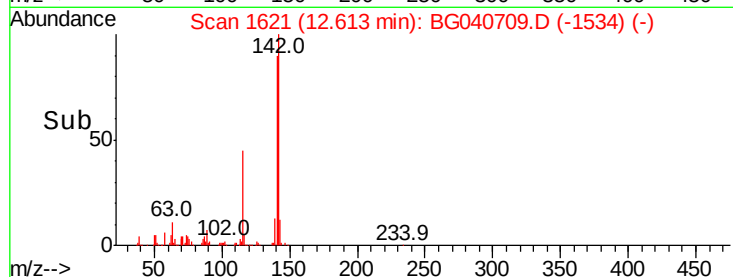
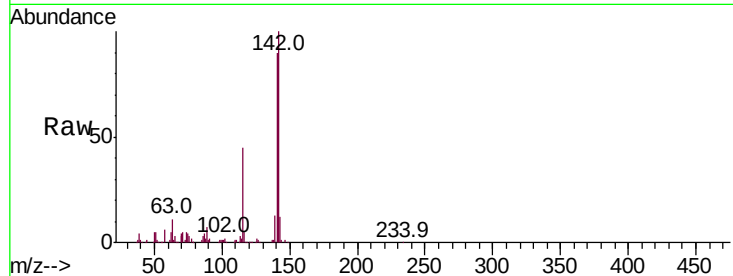
#37
2-Methylnaphthalene
Concen: 42.848 ng
RT: 12.61 min Scan# 1621
Delta R.T. -0.02 min
Lab File: BG040709.D
Acq: 2 May 2019 16:28

Instrument :
BNA_G
ClientSampleId :
PB119403BSD

Tot Ion:	142	Resp:	303667
Ion Ratio	Lower	Upper	
142	100		
141	89.6	73.4	110.2
115	45.4	36.2	54.4

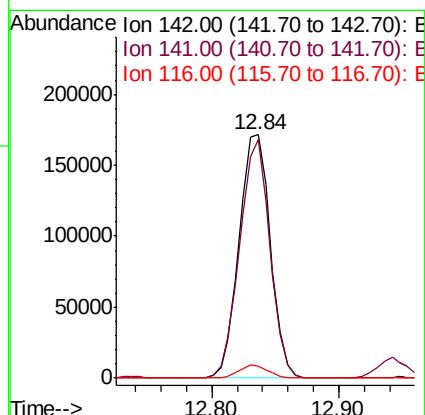
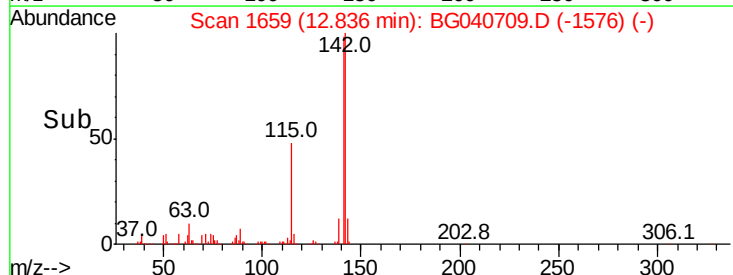
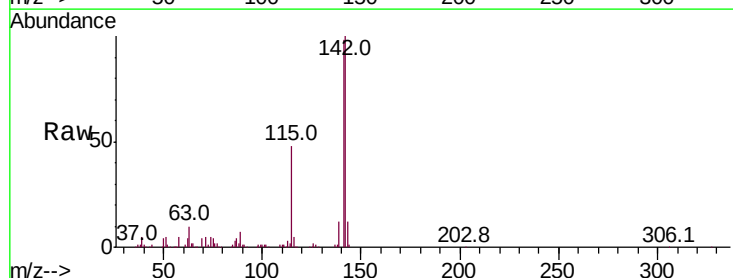
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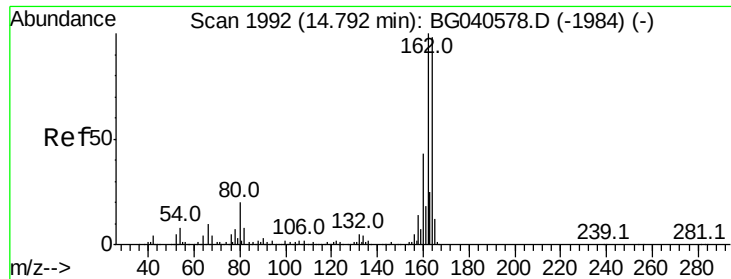
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#38
1-Methylnaphthalene
Concen: 42.245 ng
RT: 12.84 min Scan# 1659
Delta R.T. -0.01 min
Lab File: BG040709.D
Acq: 2 May 2019 16:28

Tgt Ion:	142	Resp:	292641
Ion Ratio	Lower	Upper	
142	100		
141	97.7	75.9	113.9
116	5.1	4.2	6.4





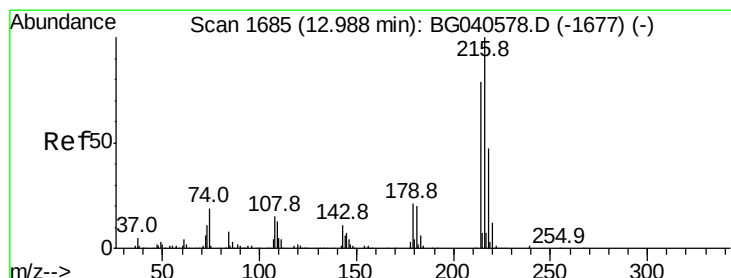
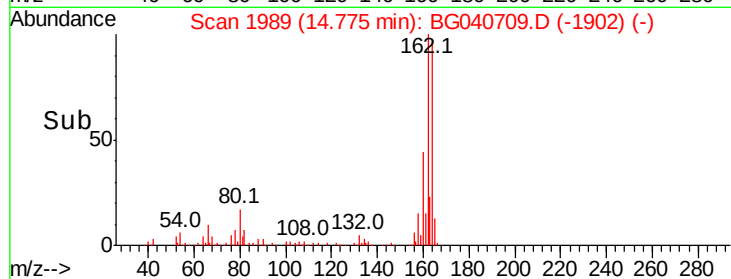
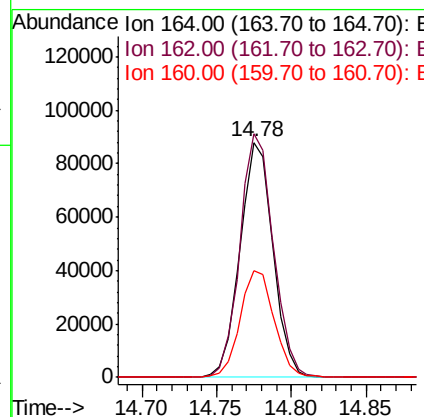
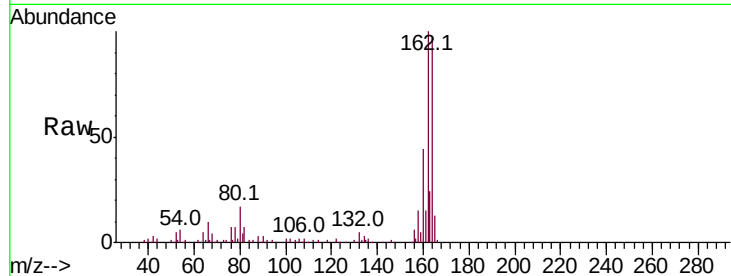
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1989
Delta R.T. -0.02 min
Lab File: BG040709.D
Acq: 2 May 2019 16:28

Instrument :
BNA_G
ClientSampleId :
PB119403BSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100	134641		
162	103.6	81.9	122.9	
160	45.5	35.4	53.2	

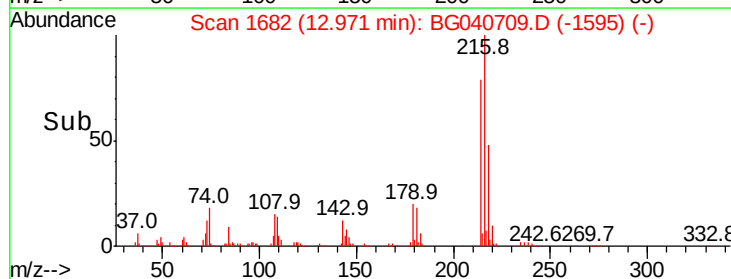
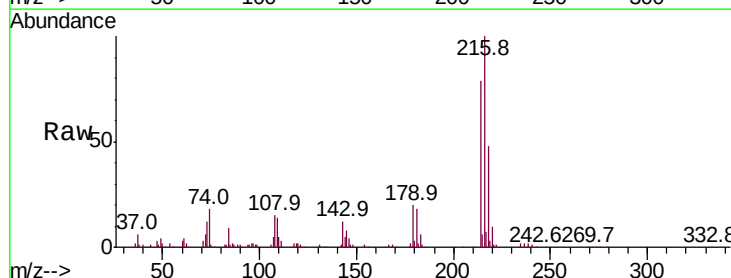
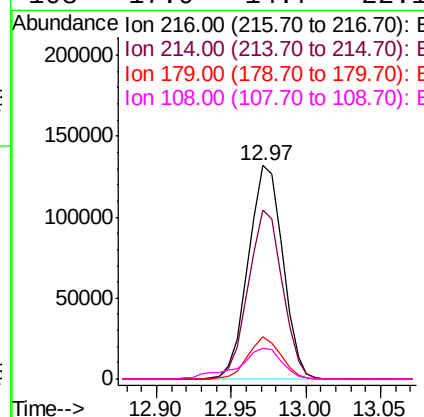
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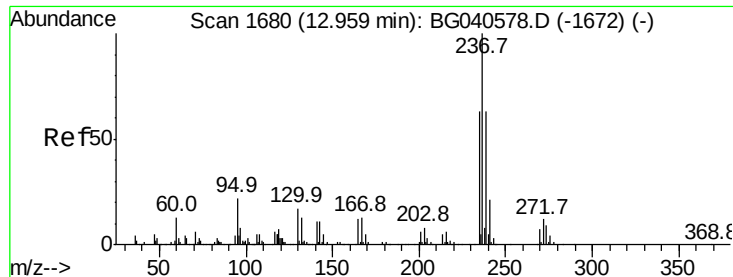
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.954 ng
RT: 12.97 min Scan# 1682
Delta R.T. -0.02 min
Lab File: BG040709.D
Acq: 2 May 2019 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	210430		
214	78.2	63.7	95.5	
179	19.0	16.6	24.8	
108	17.9	14.7	22.1	





#41

Hexachlorocyclopentadiene

Concen: 74.205 ng

RT: 12.94 min Scan# 1677

Delta R.T. -0.02 min

Lab File: BG040709.D

Acq: 2 May 2019 16:28

Instrument :

BNA_G

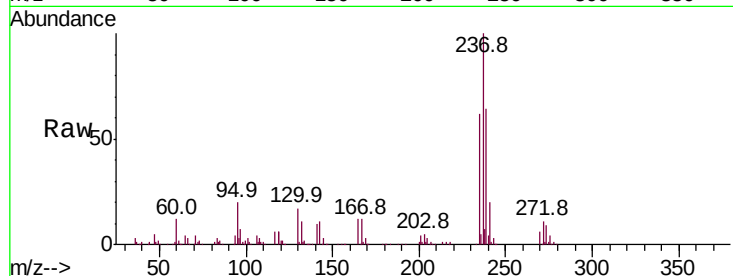
ClientSampleId :

PB119403BSD

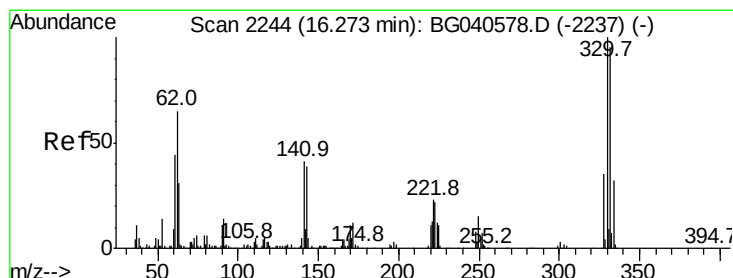
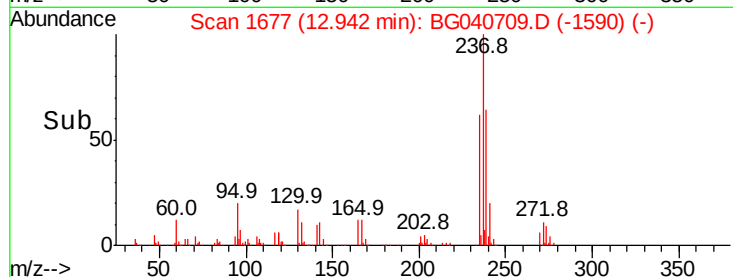
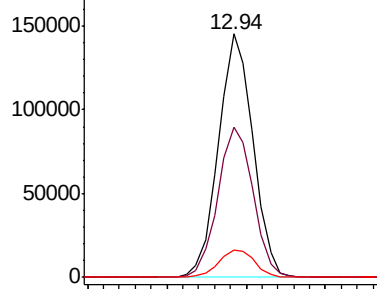
Tot Ion:	237	Resp:	219622
Ion Ratio	Lower	Upper	
237	100		
235	61.9	42.5	82.5
272	11.1	0.0	31.6

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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: 158.331 ng

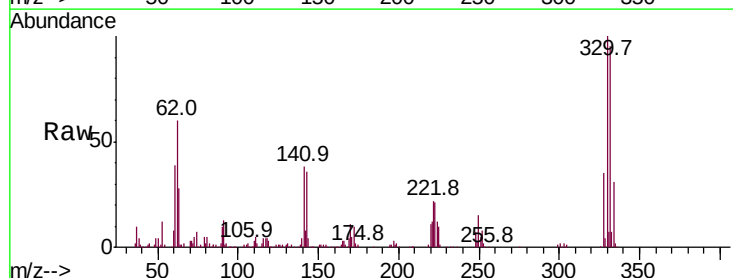
RT: 16.26 min Scan# 2242

Delta R.T. -0.01 min

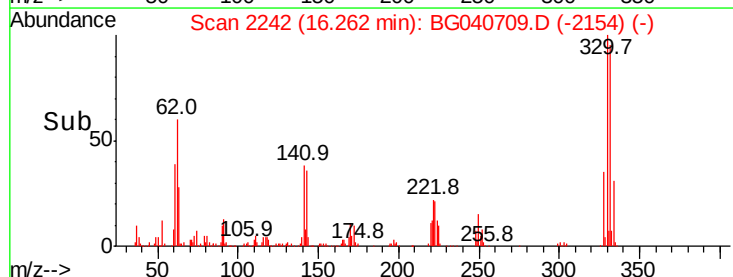
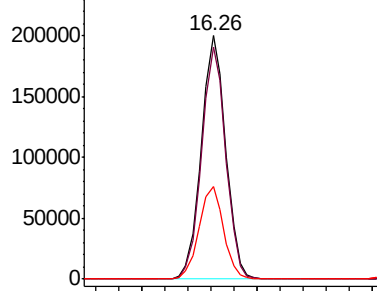
Lab File: BG040709.D

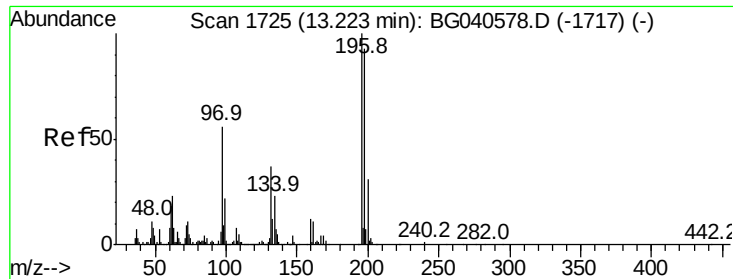
Acq: 2 May 2019 16:28

Tgt Ion:	330	Resp:	293019
Ion Ratio	Lower	Upper	
330	100		
332	94.5	75.9	113.9
141	38.3	32.4	48.6



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





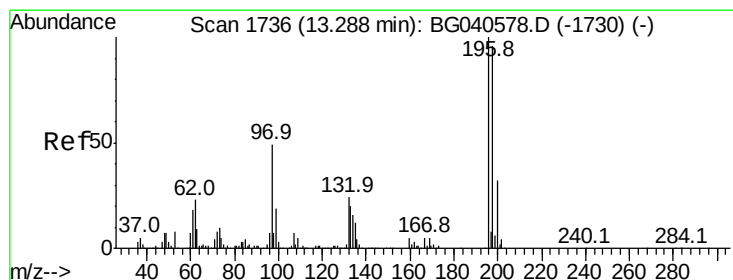
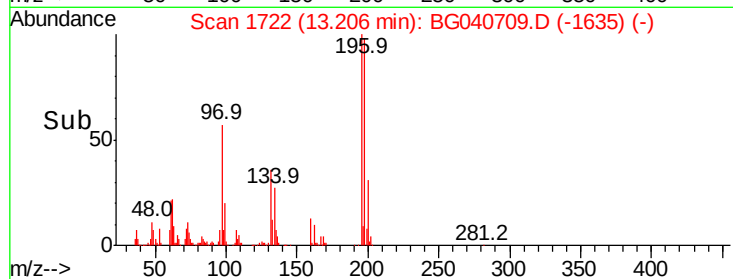
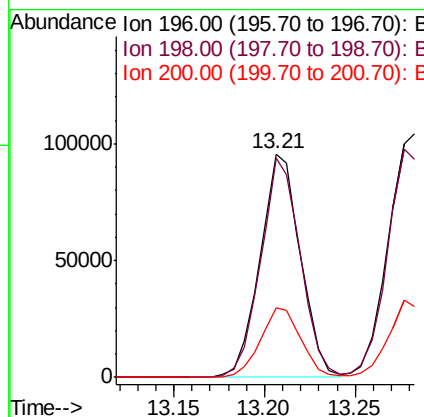
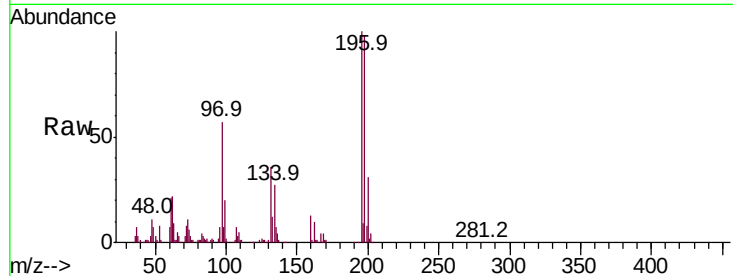
#43
 2,4,6-Trichlorophenol
 Concen: 49.035 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. -0.02 min
 Lab File: BG040709.D
 Acq: 2 May 2019 16:28

Instrument :
 BNA_G
 ClientSampleId :
 PB119403BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	148626		
198	98.5	74.8	112.2	
200	31.0	24.9	37.3	

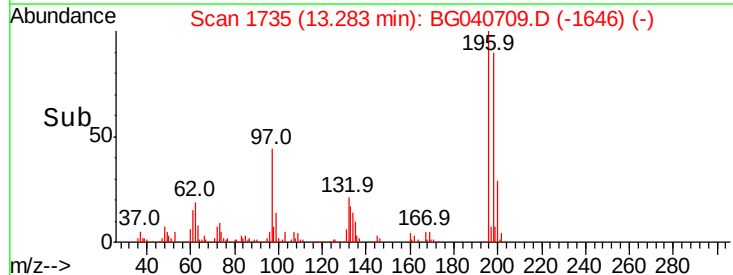
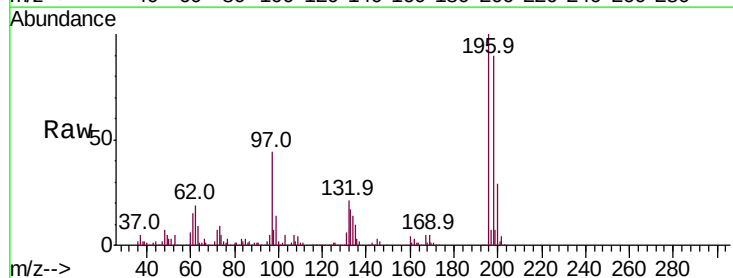
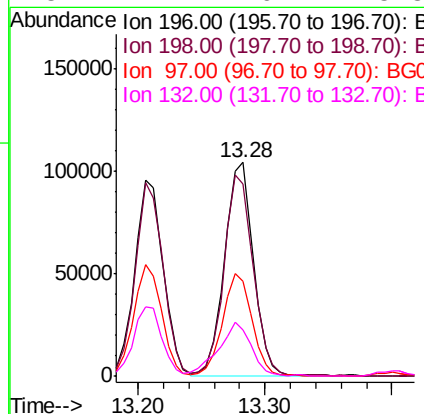
Manual Integrations
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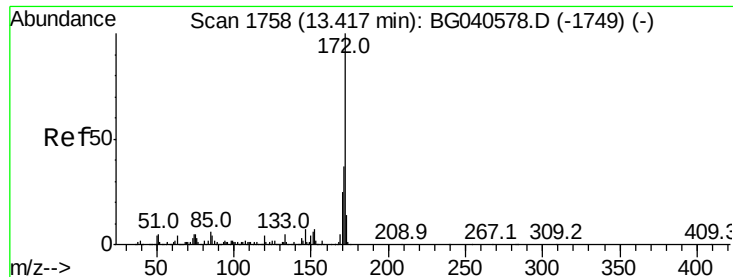
Sohil
 5/3/2019 4:29:17 PM



#44
 2,4,5-Trichlorophenol
 Concen: 50.125 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.01 min
 Lab File: BG040709.D
 Acq: 2 May 2019 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	165505		
198	89.6	77.0	115.6	
97	44.5	40.0	60.0	
132	21.4	19.2	28.8	





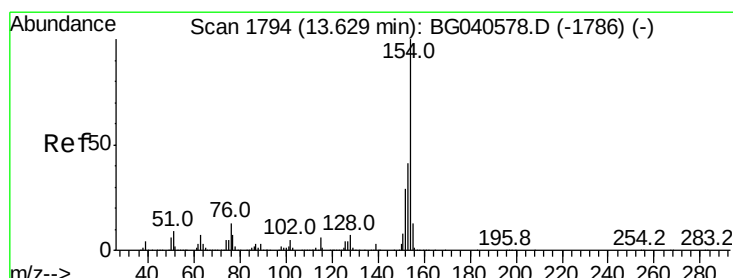
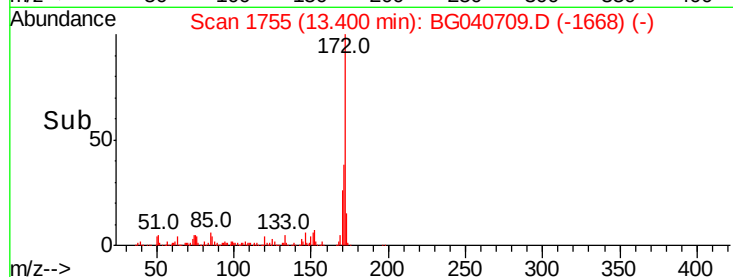
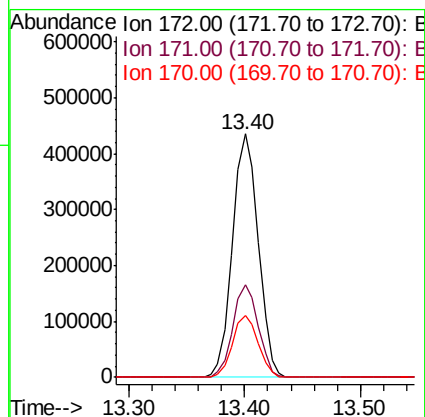
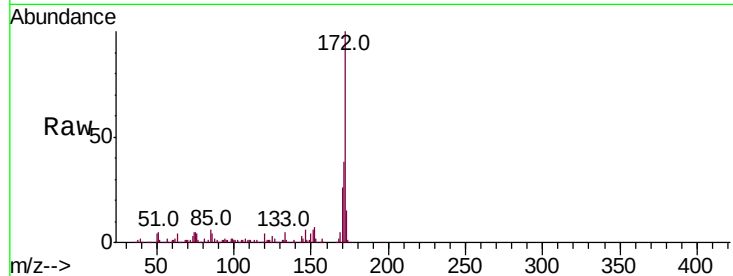
#45
2-Fluorobiphenyl
Concen: 72.091 ng
RT: 13.40 min Scan# 1755
Delta R.T. -0.02 min
Lab File: BG040709.D
Acq: 2 May 2019 16:28

Instrument :
BNA_G
ClientSampleId :
PB119403BSD

Tot Ion:	172	Resp:	672100
Ion Ratio	Lower	Upper	
172	100		
171	38.2	29.4	44.2
170	25.7	19.9	29.9

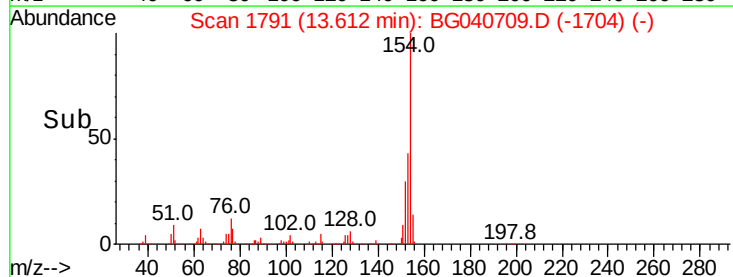
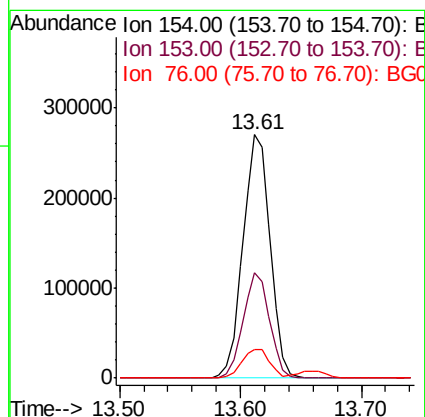
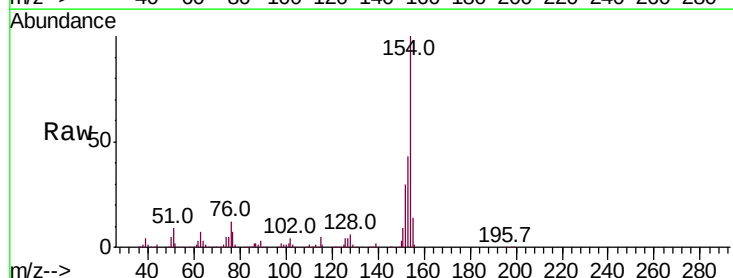
Manual Integrations
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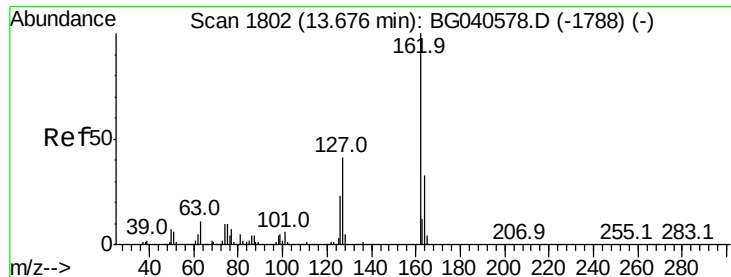
Sohil
5/3/2019 4:29:17 PM



#46
1,1'-Biphenyl
Concen: 40.374 ng
RT: 13.61 min Scan# 1791
Delta R.T. -0.02 min
Lab File: BG040709.D
Acq: 2 May 2019 16:28

Tgt Ion:	154	Resp:	422057
Ion Ratio	Lower	Upper	
154	100		
153	43.4	20.5	60.5
76	11.9	0.0	32.5





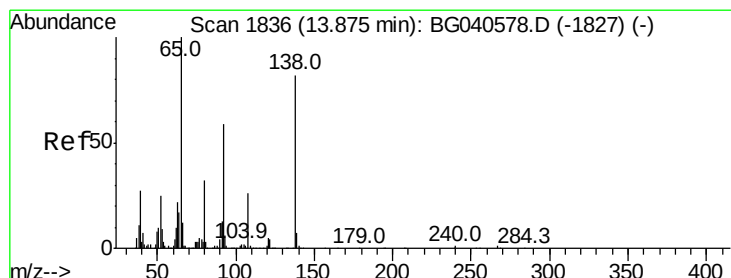
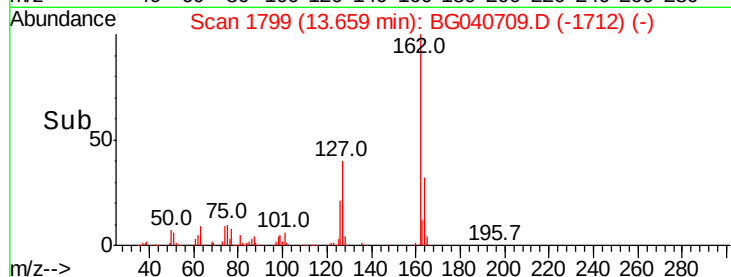
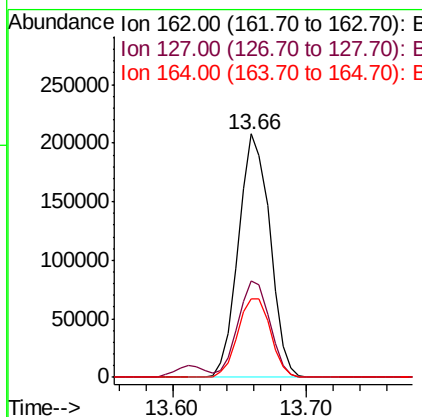
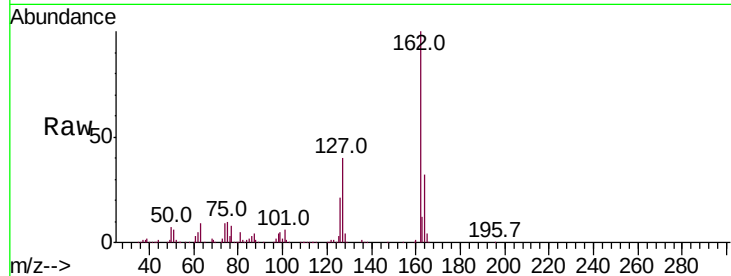
#47
 2-Chloronaphthalene
 Concen: 41.417 ng
 RT: 13.66 min Scan# 1799
 Delta R.T. -0.02 min
 Lab File: BG040709.D
 Acq: 2 May 2019 16:28

Instrument :
 BNA_G
 ClientSampleId :
 PB119403BSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	39.7	33.0	49.4
164	32.4	26.8	40.2

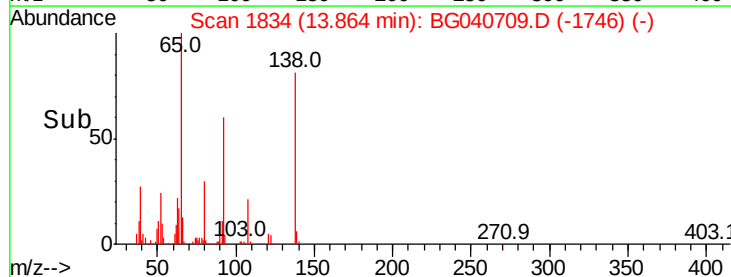
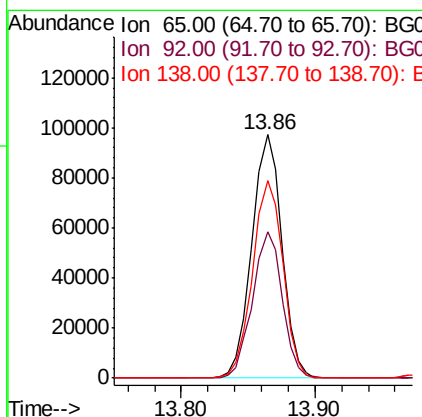
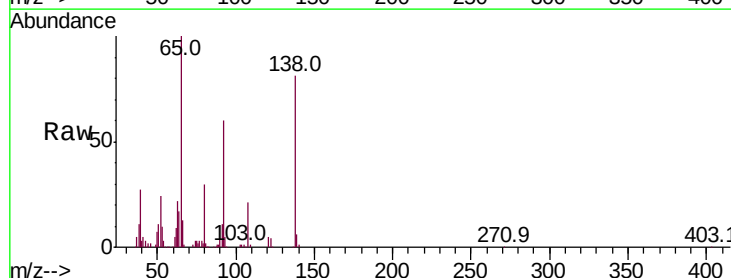
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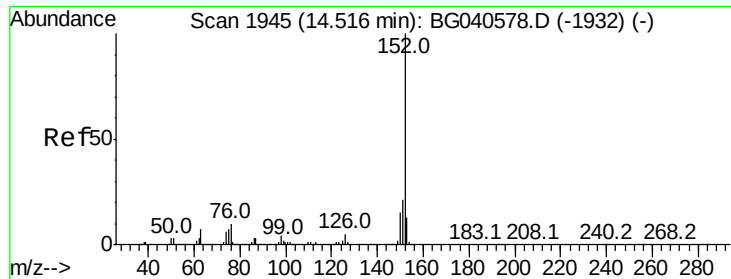
Sohil
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#48
 2-Nitroaniline
 Concen: 51.868 ng
 RT: 13.86 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BG040709.D
 Acq: 2 May 2019 16:28

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	59.9	47.4	71.0
138	81.4	66.1	99.1





#49

Acenaphthylene

Concen: 40.467 ng

RT: 14.50 min Scan# 1943

Delta R.T. -0.01 min

Lab File: BG040709.D

Acq: 2 May 2019 16:28

Instrument :

BNA_G

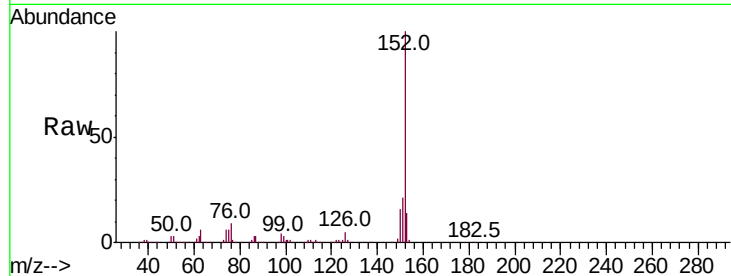
ClientSampleId :

PB119403BSD

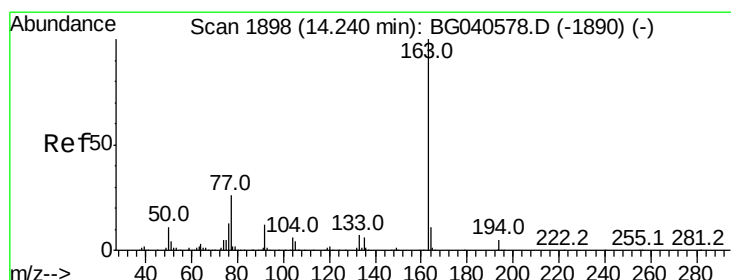
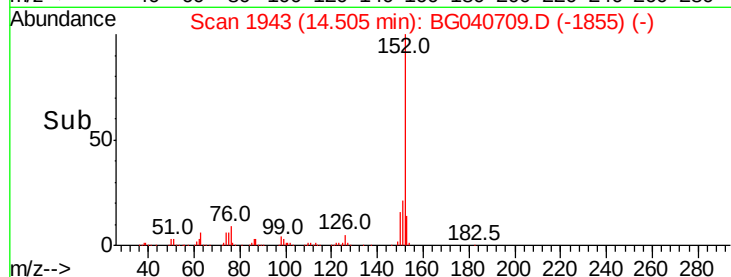
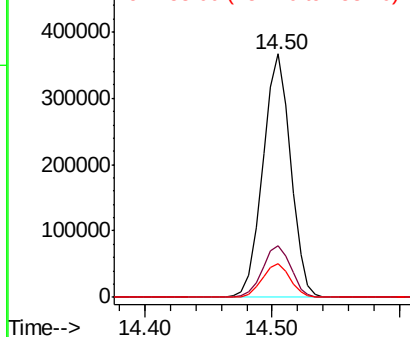
Tot Ion:	152	Resp:	561680
Ion Ratio	Lower	Upper	
152	100		
151	21.0	17.2	25.8
153	13.6	10.7	16.1

Manual Integrations
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 43.863 ng

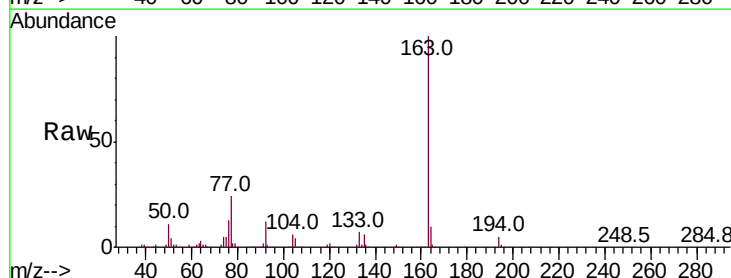
RT: 14.22 min Scan# 1895

Delta R.T. -0.02 min

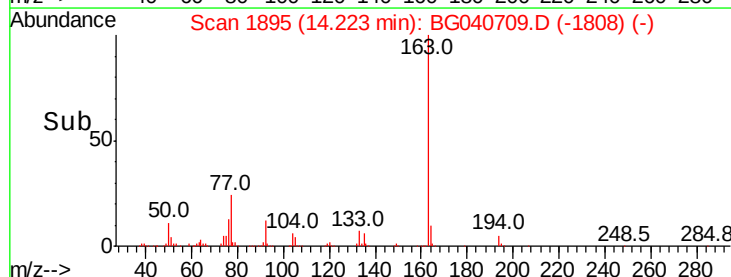
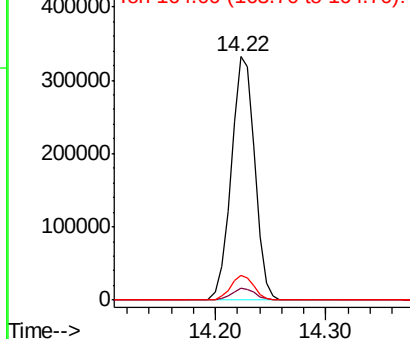
Lab File: BG040709.D

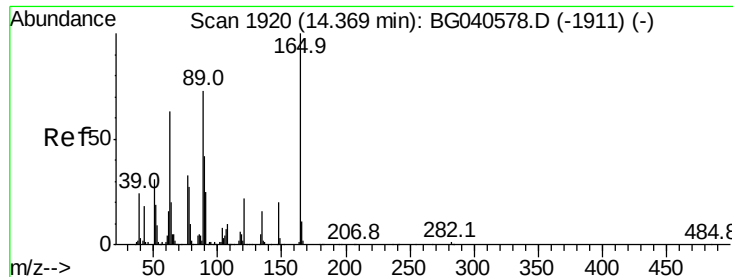
Acq: 2 May 2019 16:28

Tgt Ion:	163	Resp:	494121
Ion Ratio	Lower	Upper	
163	100		
194	4.9	3.8	5.8
164	10.2	8.8	13.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





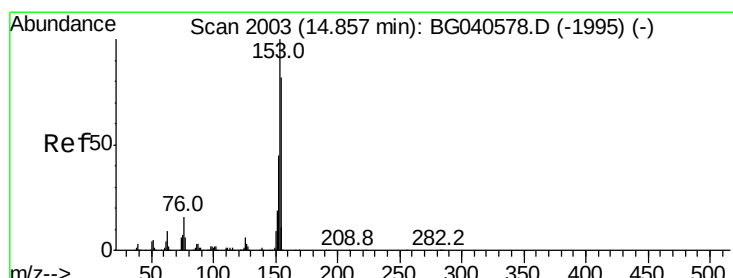
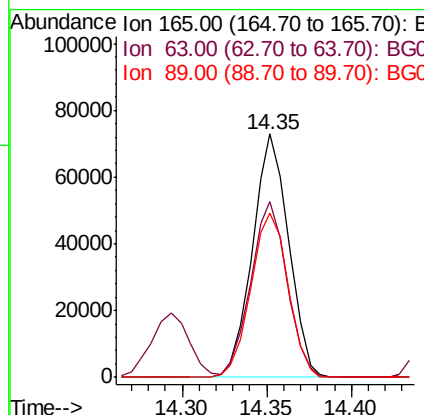
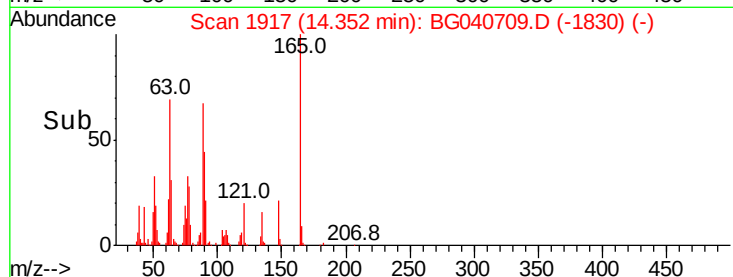
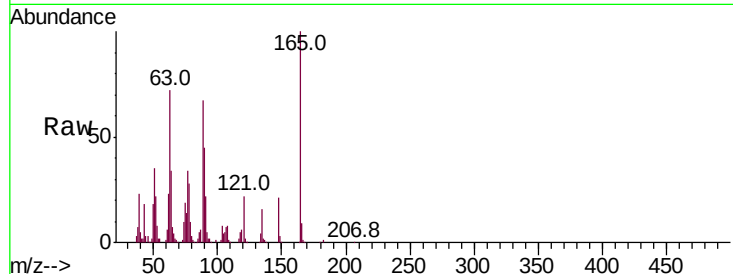
#51
2,6-Dinitrotoluene
Concen: 49.109 ng
RT: 14.35 min Scan# 1917
Delta R.T. -0.02 min
Lab File: BG040709.D
Acq: 2 May 2019 16:28

Instrument :
BNA_G
ClientSampleID :
PB119403BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	107971		
63	72.1	61.0	91.4	
89	67.2	58.6	87.8	

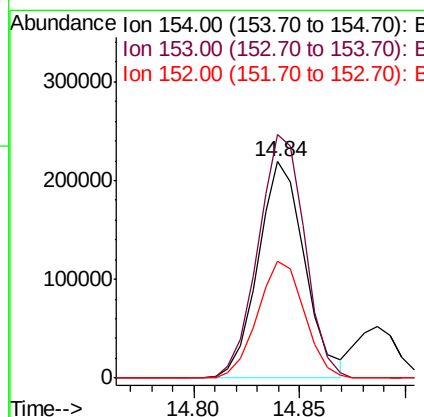
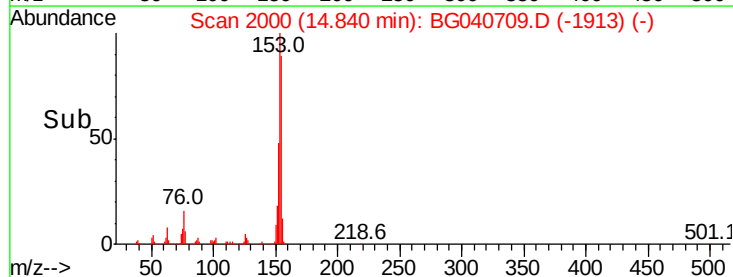
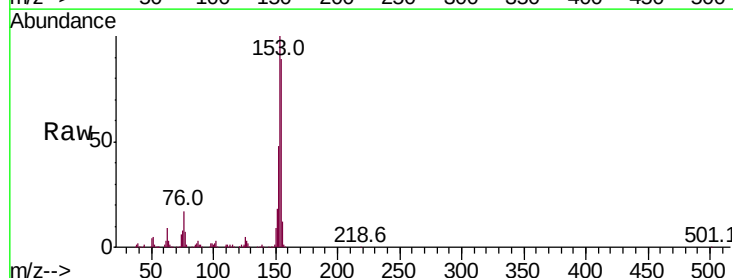
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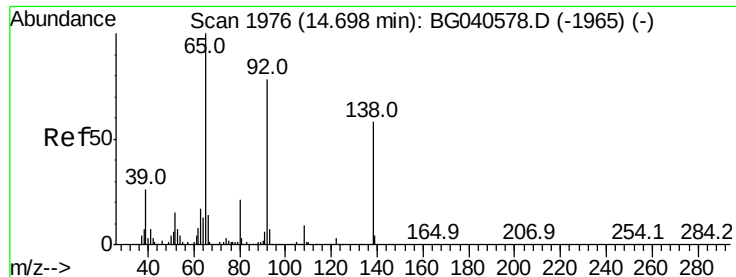
Sohil
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#52
Acenaphthene
Concen: 41.603 ng
RT: 14.84 min Scan# 2000
Delta R.T. -0.02 min
Lab File: BG040709.D
Acq: 2 May 2019 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	336280		
153	112.4	97.0	145.6	
152	54.0	44.1	66.1	





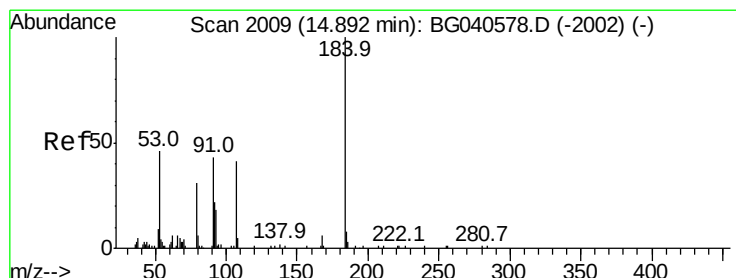
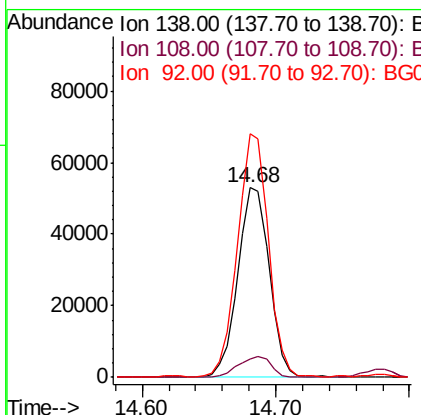
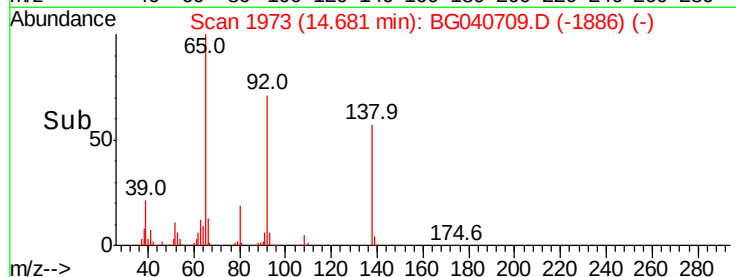
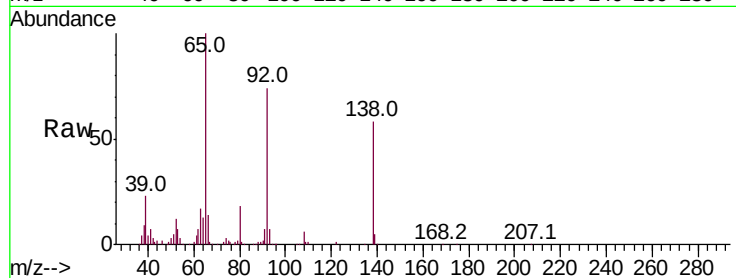
#53
3-Nitroaniline
Concen: 38.274 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.02 min
Lab File: BG040709.D
Acq: 2 May 2019 16:28

Instrument :
BNA_G
ClientSampleId :
PB119403BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.0	12.4	18.6#
92	128.4	108.6	162.8

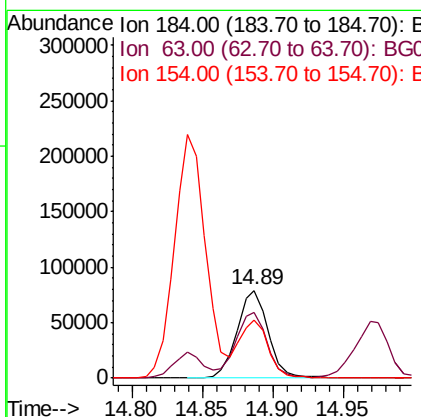
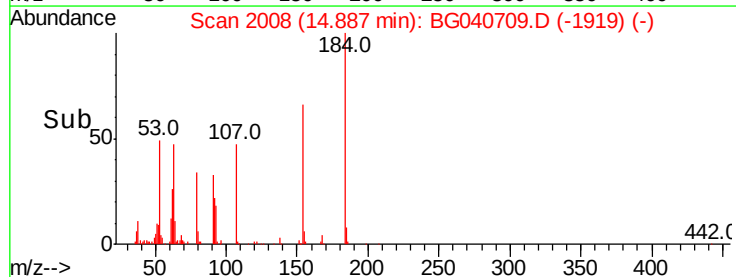
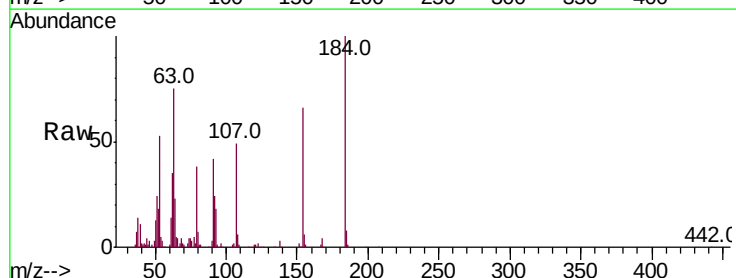
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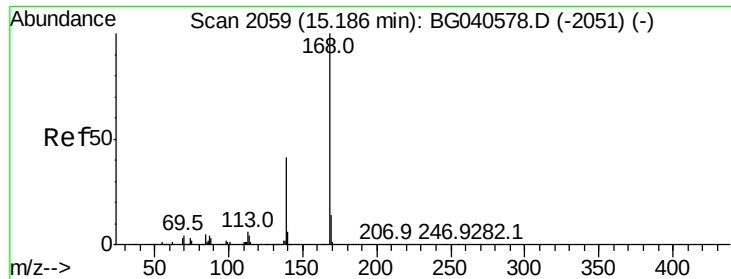
Sohil
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#54
2,4-Dinitrophenol
Concen: 96.938 ng
RT: 14.89 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BG040709.D
Acq: 2 May 2019 16:28

Tgt Ion	Ratio	Lower	Upper
184	100		
63	75.3	51.8	77.6
154	66.2	43.6	65.4#





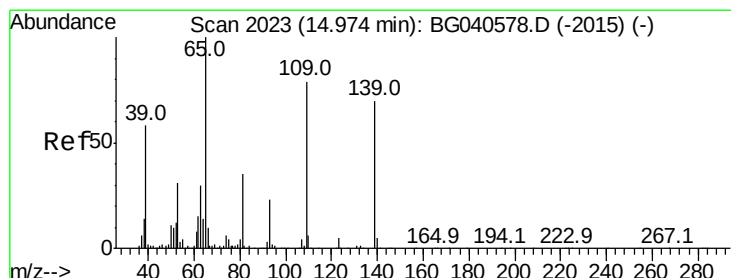
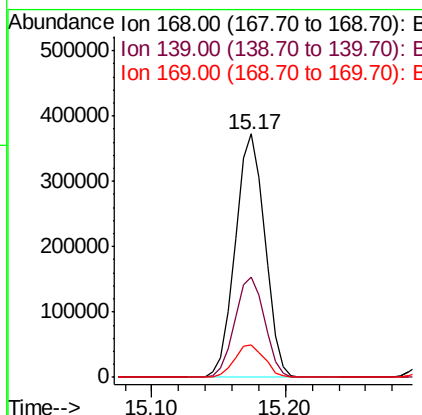
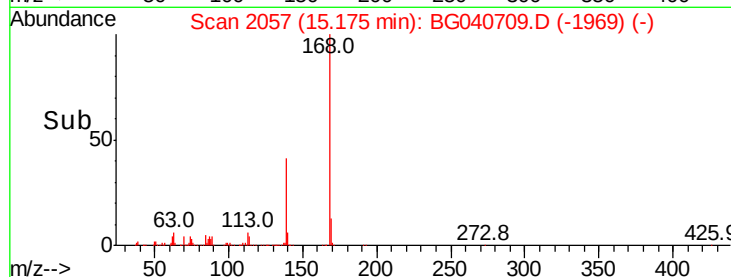
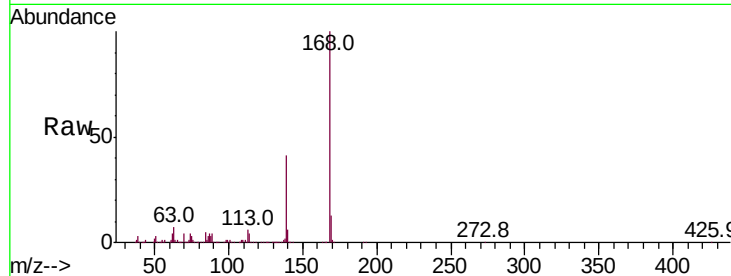
#55
Dibenzenofuran
Concen: 43.227 ng
RT: 15.17 min Scan# 2057
Delta R.T. -0.01 min
Lab File: BG040709.D
Acq: 2 May 2019 16:28

Instrument :
BNA_G
ClientSampleId :
PB119403BSD

Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	41.1	33.0	49.4	
169	13.4	11.0	16.4	

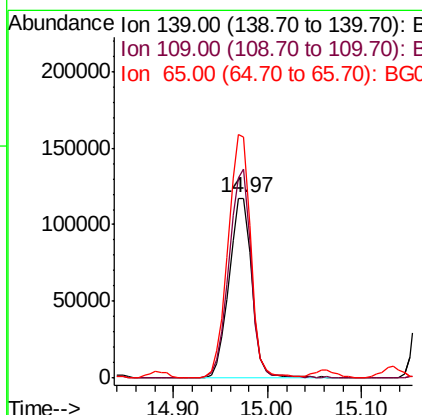
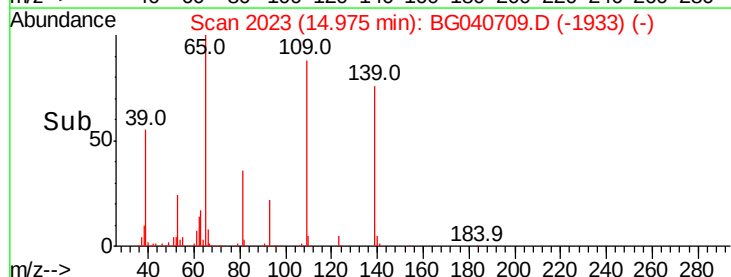
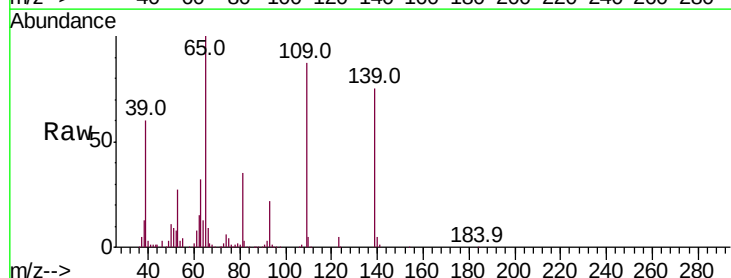
Manual Integrations
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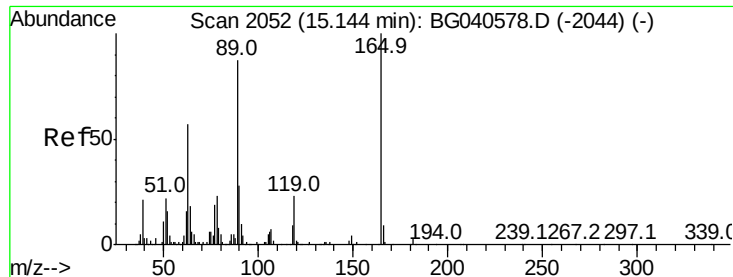
Sohil
5/3/2019 4:29:17 PM



#56
4-Nitrophenol
Concen: 101.736 ng
RT: 14.97 min Scan# 2023
Delta R.T. 0.00 min
Lab File: BG040709.D
Acq: 2 May 2019 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	116.3	93.8	133.8	
65	133.7	122.7	162.7	





#57

2,4-Dinitrotoluene

Concen: 54.405 ng

RT: 15.13 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BG040709.D

Acq: 2 May 2019 16:28

Instrument :

BNA_G

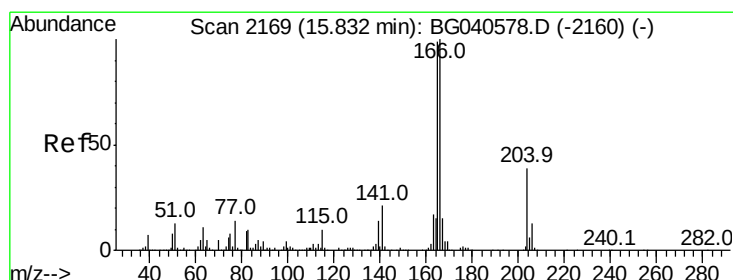
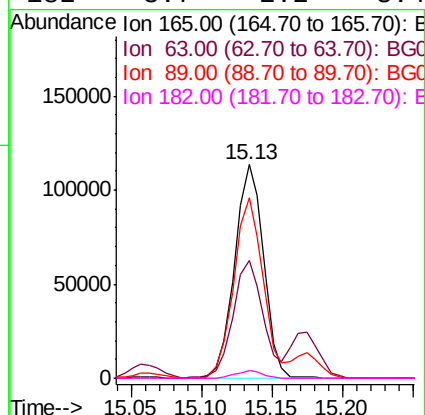
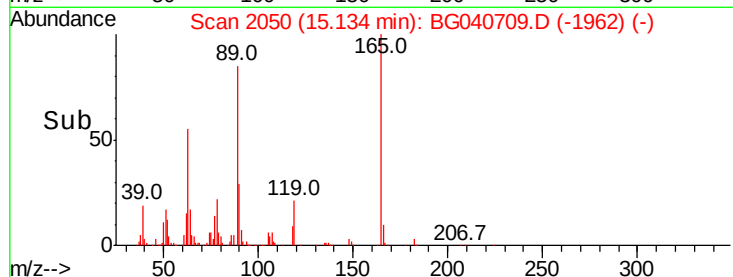
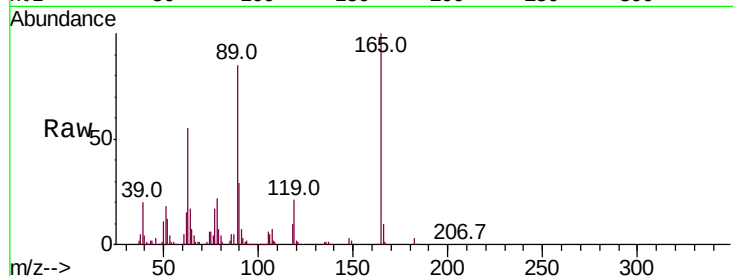
ClientSampleId :

PB119403BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	162537		
63	55.3	45.8	68.8	
89	84.8	69.4	104.2	
182	3.7	2.2	3.4	

Manual Integrations
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5/3/2019 4:29:17 PM



#58

Fluorene

Concen: 43.279 ng

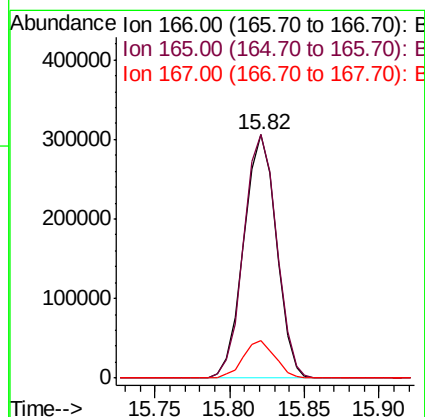
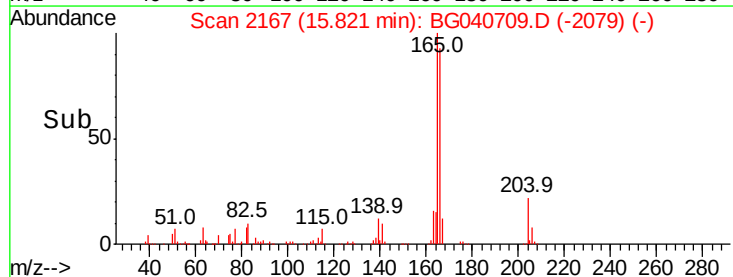
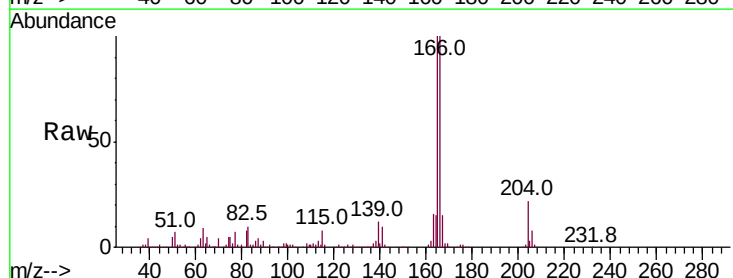
RT: 15.82 min Scan# 2167

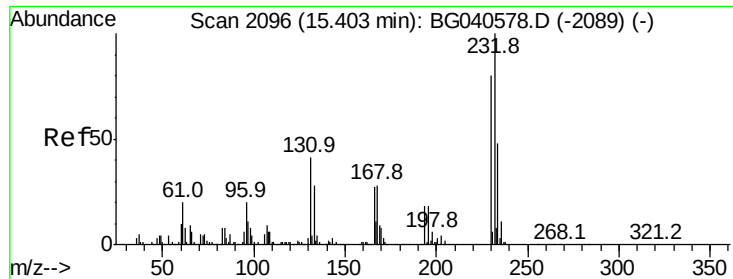
Delta R.T. -0.01 min

Lab File: BG040709.D

Acq: 2 May 2019 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	463127		
165	99.9	79.6	119.4	
167	15.4	12.2	18.2	





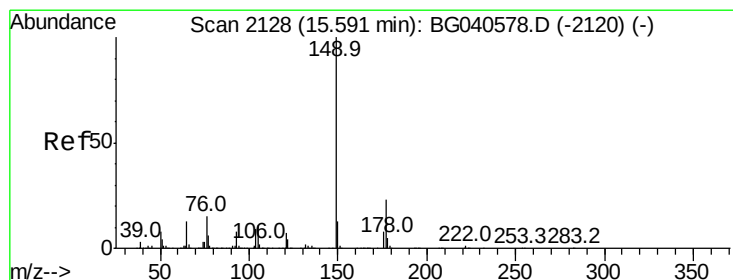
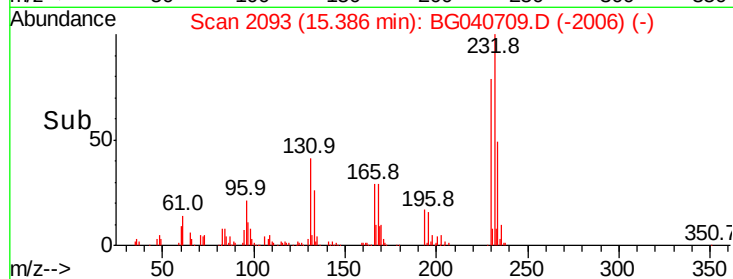
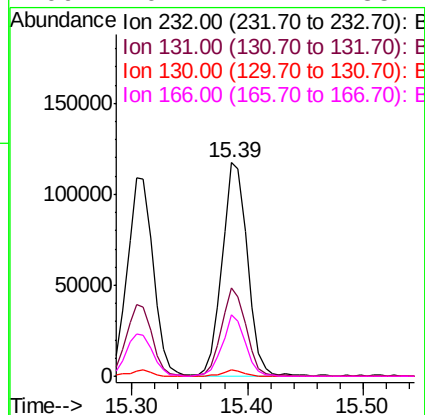
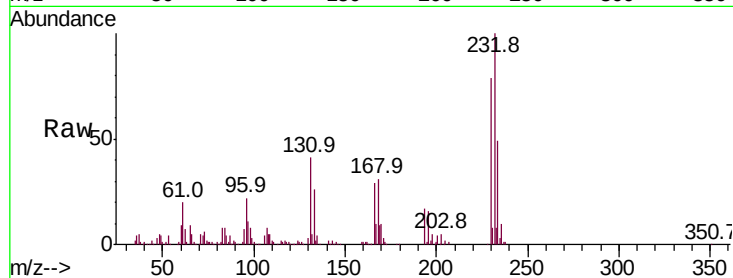
#59
2,3,4,6-Tetrachlorophenol
Concen: 53.421 ng
RT: 15.39 min Scan# 2093
Delta R.T. -0.02 min
Lab File: BG040709.D
Acq: 2 May 2019 16:28

Instrument :
BNA_G
ClientSampleId :
PB119403BSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	177539		
131	39.7	33.0	49.4	
130	2.5	2.0	3.0	
166	26.4	22.1	33.1	

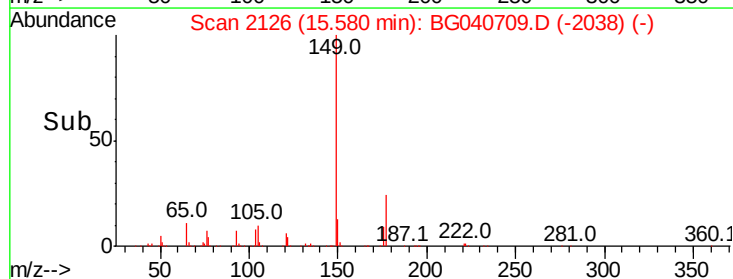
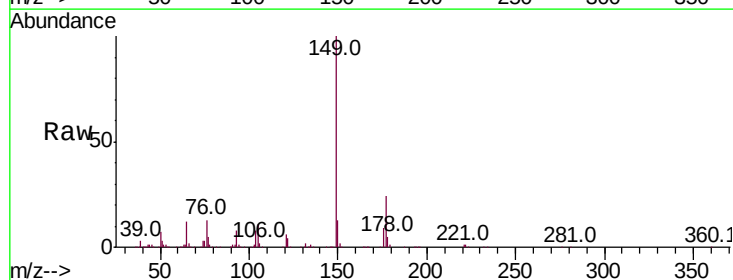
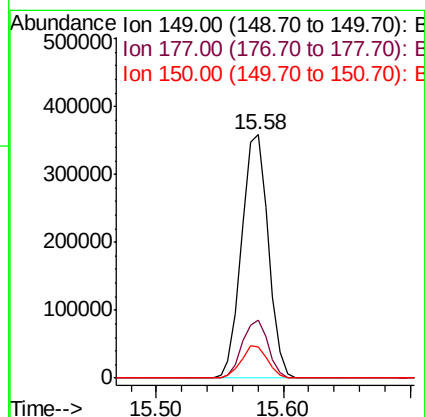
Manual Integrations
APPROVED

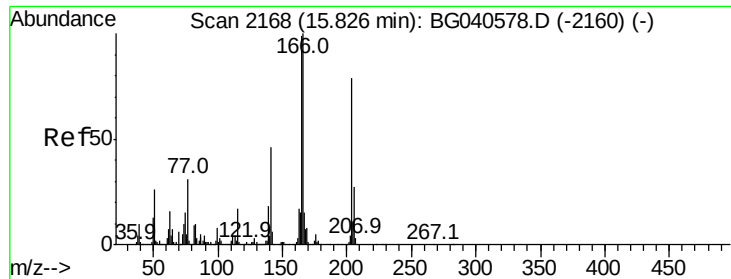
Sohil
5/3/2019 4:29:17 PM



#60
Diethylphthalate
Concen: 43.771 ng
RT: 15.58 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BG040709.D
Acq: 2 May 2019 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	520248		
177	23.9	18.5	27.7	
150	12.7	10.2	15.4	





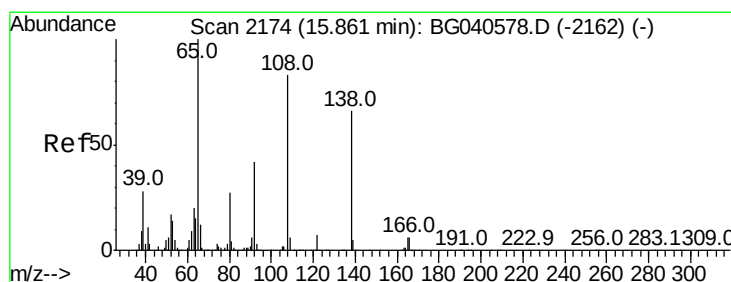
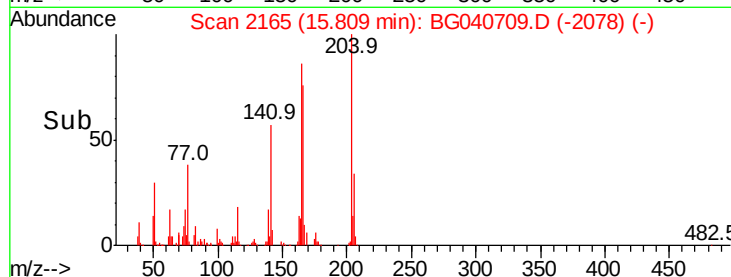
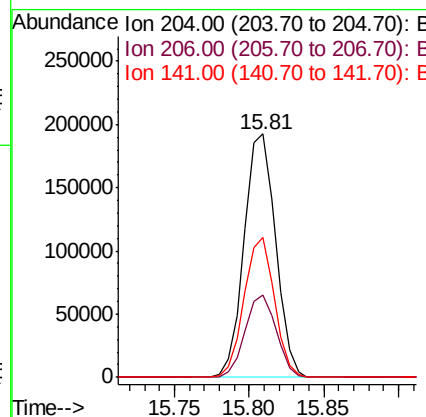
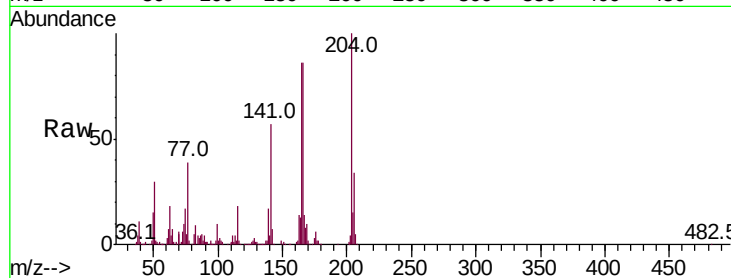
#61
4-Chlorophenyl-phenylether
Concen: 45.189 ng
RT: 15.81 min Scan# 2165
Delta R.T. -0.02 min
Lab File: BG040709.D
Acq: 2 May 2019 16:28

Instrument :
BNA_G
ClientSampleId :
PB119403BSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.6	27.4	41.2
141	57.5	46.0	69.0

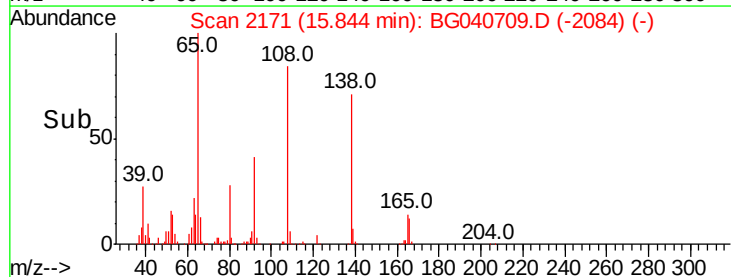
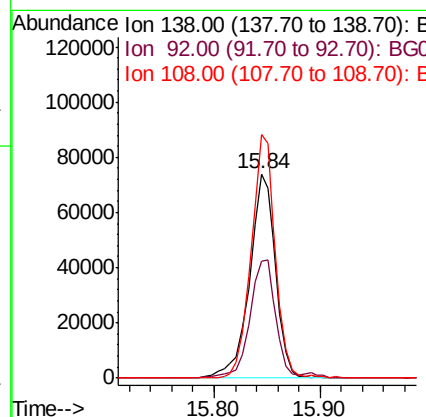
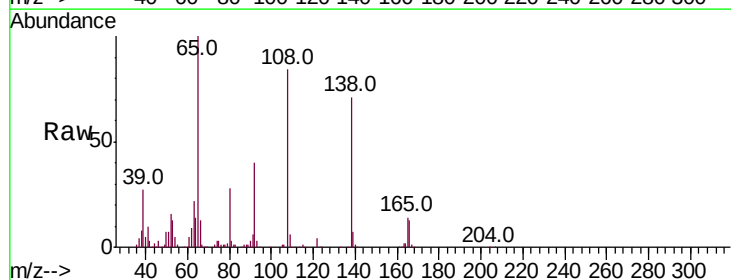
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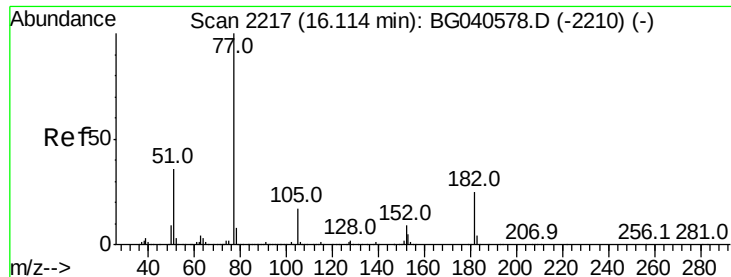
Sohil
5/3/2019 4:29:17 PM



#62
4-Nitroaniline
Concen: 49.897 ng
RT: 15.84 min Scan# 2171
Delta R.T. -0.02 min
Lab File: BG040709.D
Acq: 2 May 2019 16:28

Tgt Ion	Ratio	Lower	Upper
138	100		
92	57.3	43.9	83.9
108	119.3	106.5	146.5





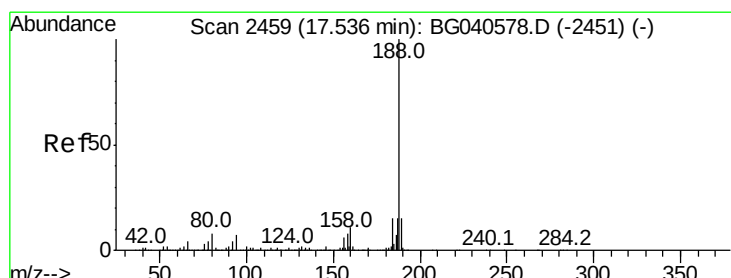
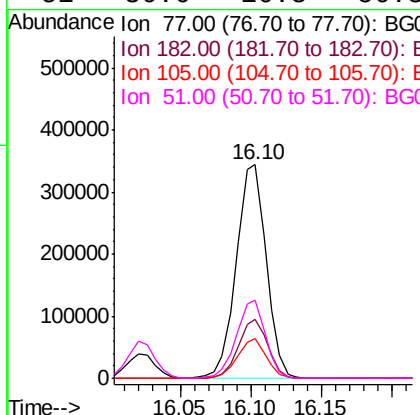
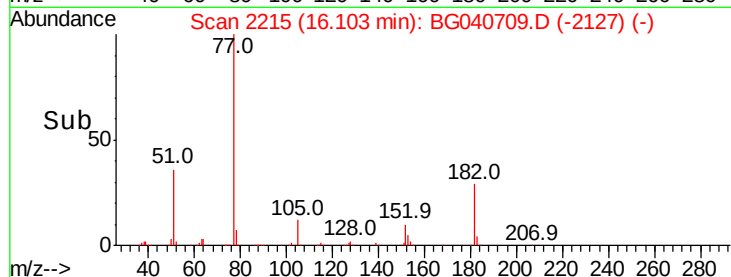
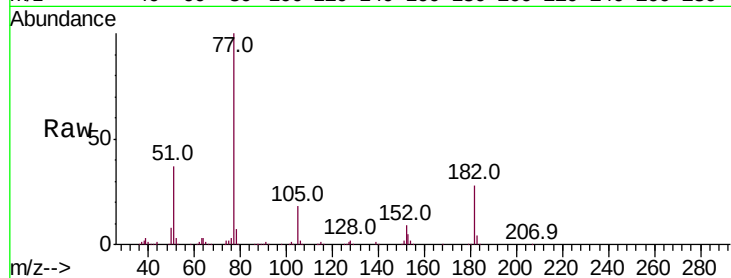
#63
Azobenzene
Concen: 41.741 ng
RT: 16.10 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BG040709.D
Acq: 2 May 2019 16:28

Instrument :
BNA_G
ClientSampleId :
PB119403BSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.7	5.0	45.0
105	18.4	0.0	37.6
51	36.6	16.3	56.3

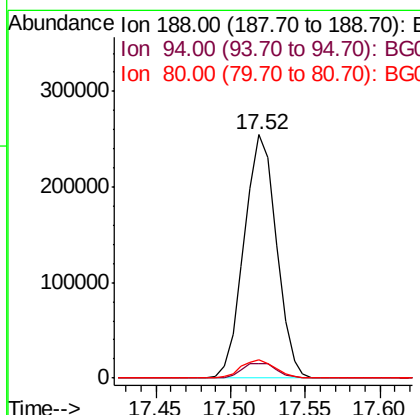
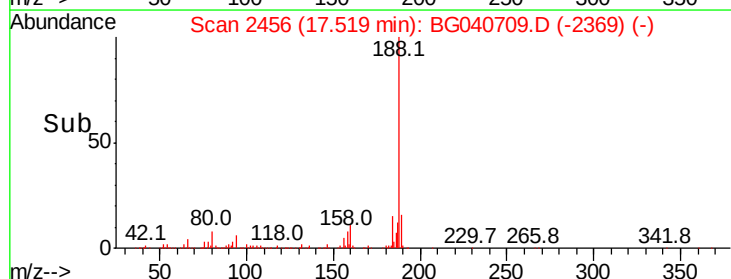
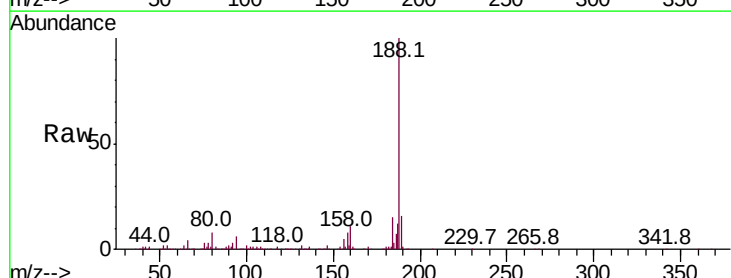
Manual Integrations
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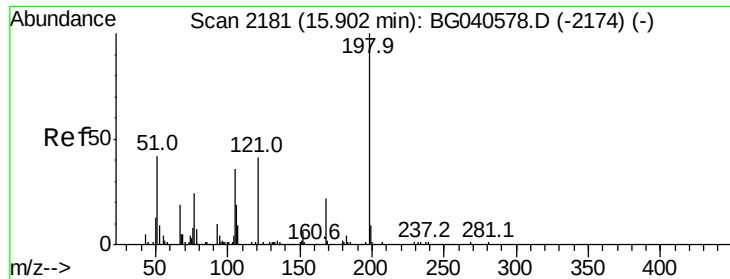
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG040709.D
Acq: 2 May 2019 16:28

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.1	5.6	8.4
80	7.7	6.4	9.6





#65

4,6-Dinitro-2-methylphenol

Concen: 46.203 ng

RT: 15.89 min Scan# 2179

Delta R.T. -0.01 min

Lab File: BG040709.D

Acq: 2 May 2019 16:28

Instrument :

BNA_G

ClientSampleId :

PB119403BSD

Tot Ion:198 Resp: 86332

Ion Ratio Lower Upper

198 100

51 48.6 35.9 75.9

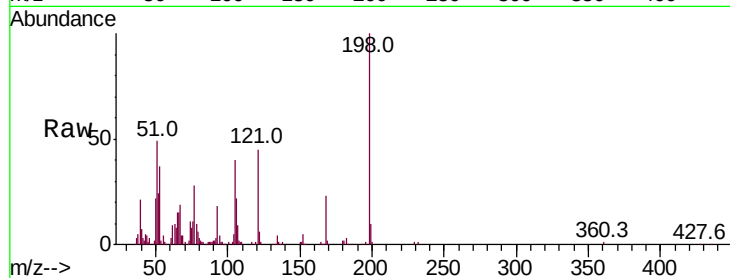
105 39.7 21.2 61.2

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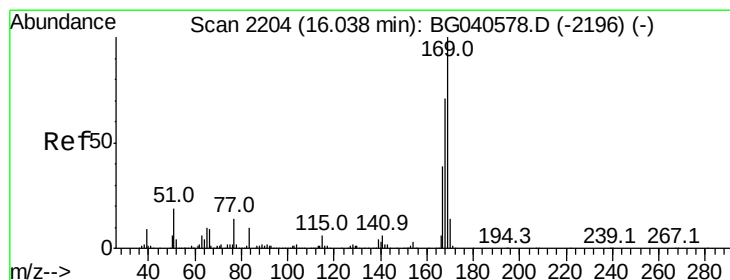
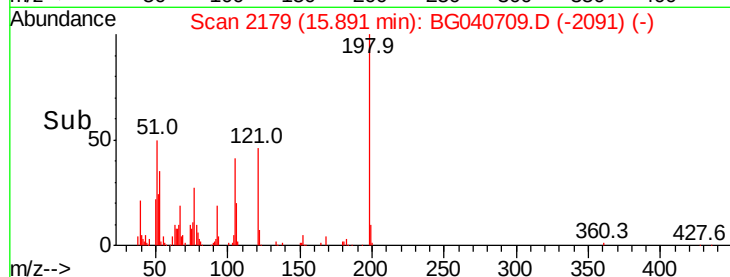
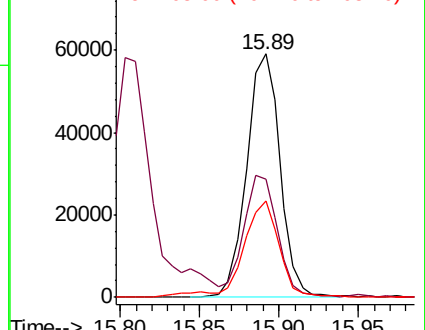
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.769 ng

RT: 16.02 min Scan# 2201

Delta R.T. -0.02 min

Lab File: BG040709.D

Acq: 2 May 2019 16:28

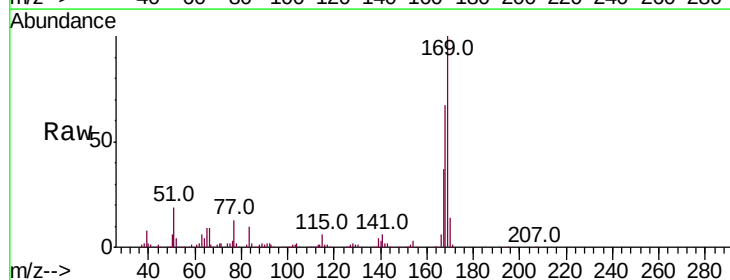
Tgt Ion:169 Resp: 446731

Ion Ratio Lower Upper

169 100

168 67.2 56.8 85.2

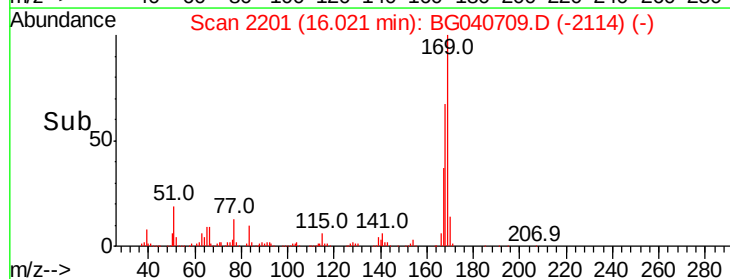
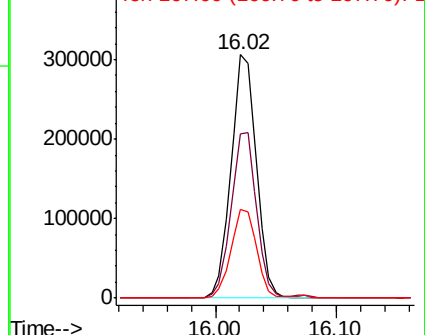
167 36.5 31.4 47.0

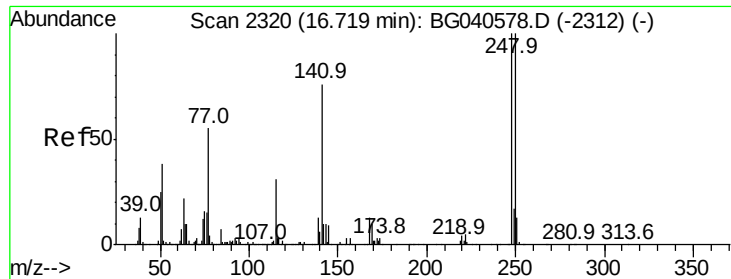


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 40.365 ng

RT: 16.70 min Scan# 2317

Delta R.T. -0.02 min

Lab File: BG040709.D

Acq: 2 May 2019 16:28

Instrument :

BNA_G

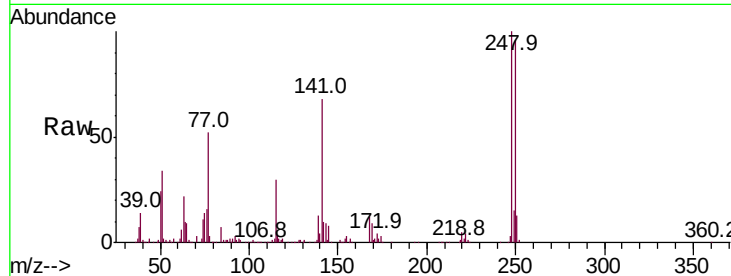
ClientSampleId :

PB119403BSD

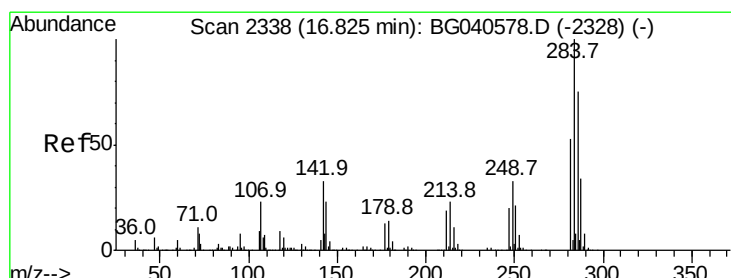
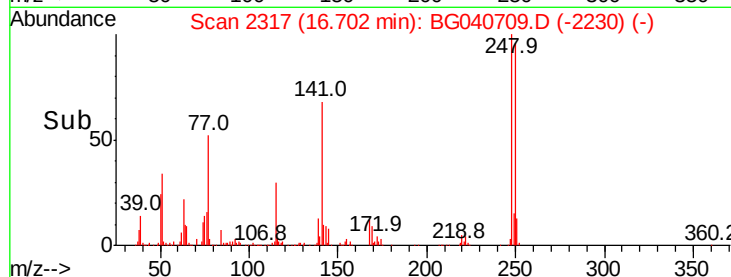
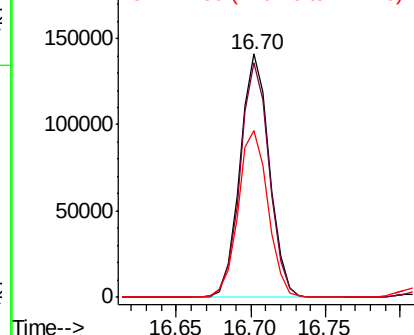
Tot Ion:	248	Resp:	192007
Ion Ratio	Lower	Upper	
248	100		
250	96.1	79.8	119.6
141	68.3	60.8	91.2

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Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 40.406 ng

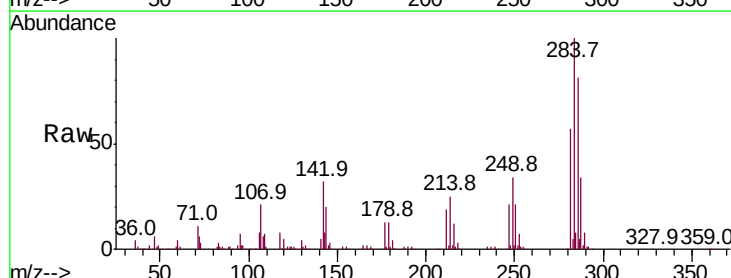
RT: 16.81 min Scan# 2336

Delta R.T. -0.01 min

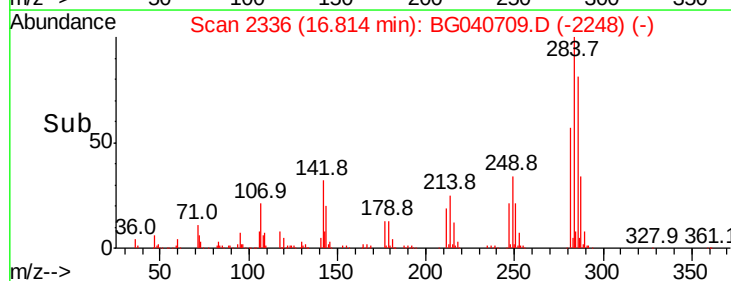
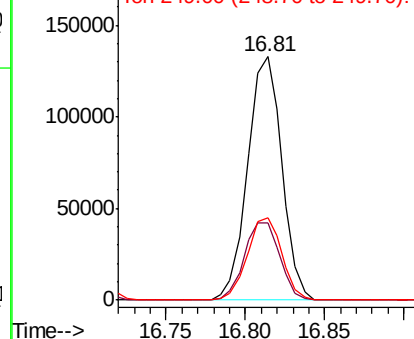
Lab File: BG040709.D

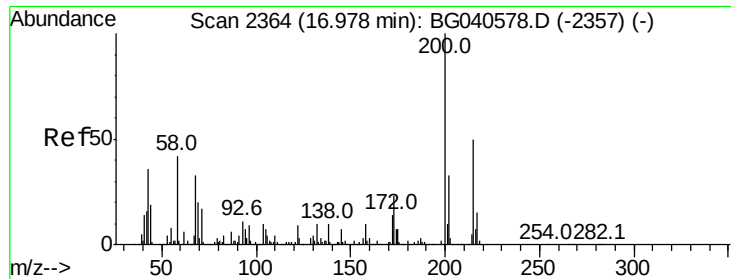
Acq: 2 May 2019 16:28

Tgt Ion:	284	Resp:	198736
Ion Ratio	Lower	Upper	
284	100		
142	31.9	26.6	40.0
249	33.7	26.0	39.0



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





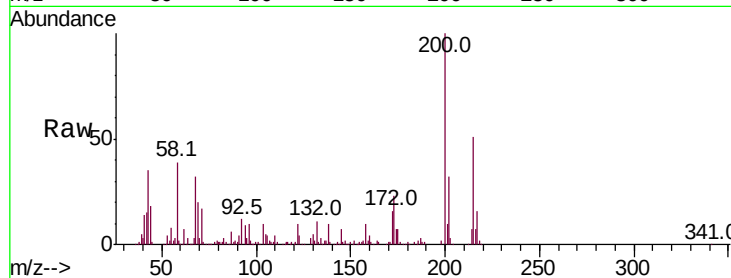
#69
 Atrazine
 Concen: 43.646 ng
 RT: 16.96 min Scan# 2361
 Delta R.T. -0.02 min
 Lab File: BG040709.D
 Acq: 2 May 2019 16:28

Instrument :
 BNA_G
 ClientSampleId :
 PB119403BSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	23.1	2.8	42.8
215	51.1	30.2	70.2

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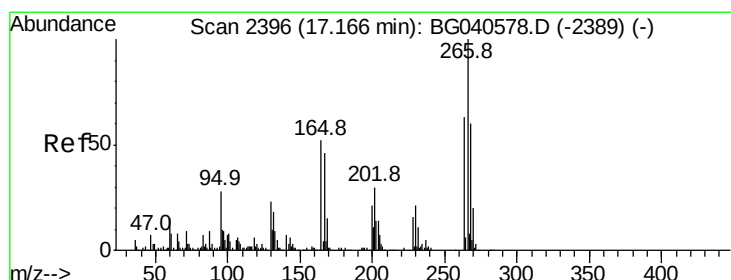
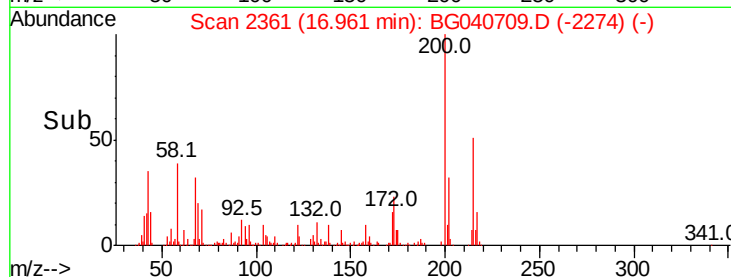
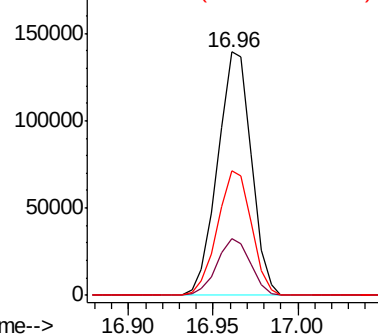


Abundance

Ion 200.00 (199.70 to 200.70): E

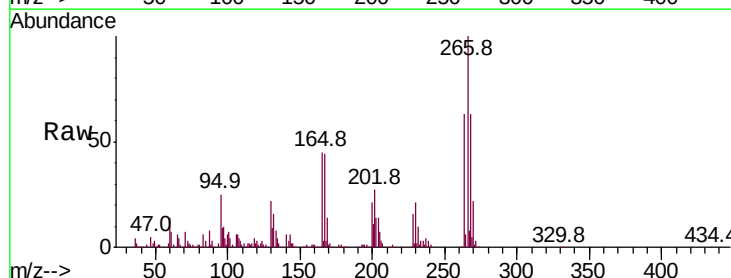
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 95.554 ng
 RT: 17.15 min Scan# 2394
 Delta R.T. -0.01 min
 Lab File: BG040709.D
 Acq: 2 May 2019 16:28

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.2	52.3	78.5
264	63.4	50.0	75.0

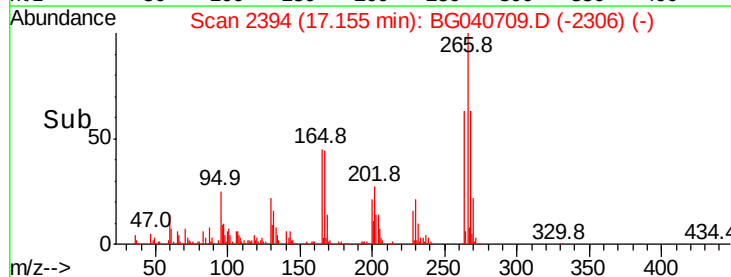
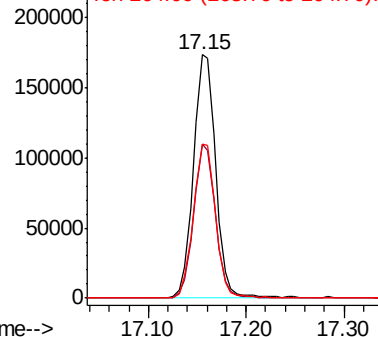


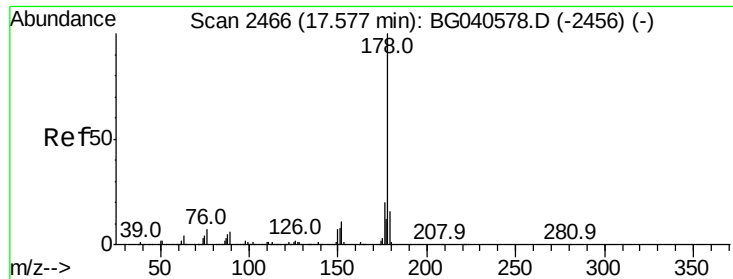
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





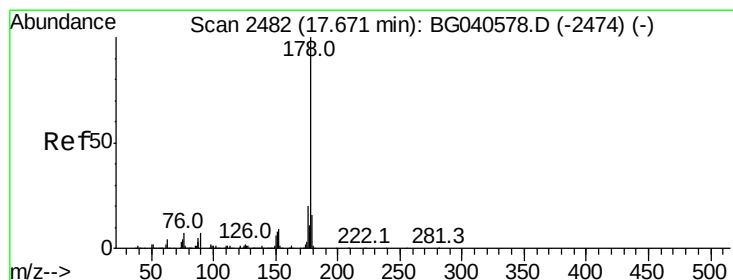
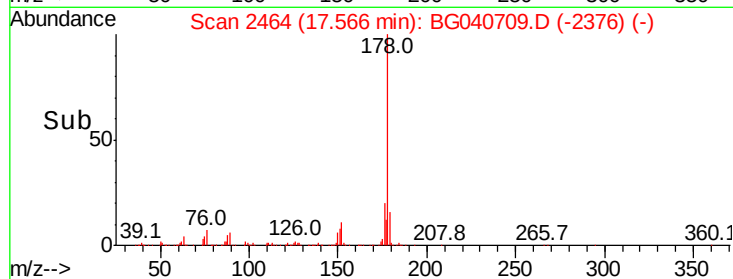
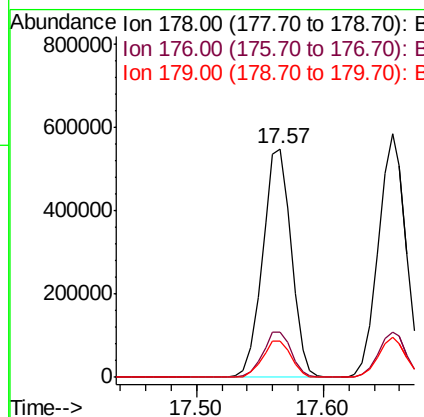
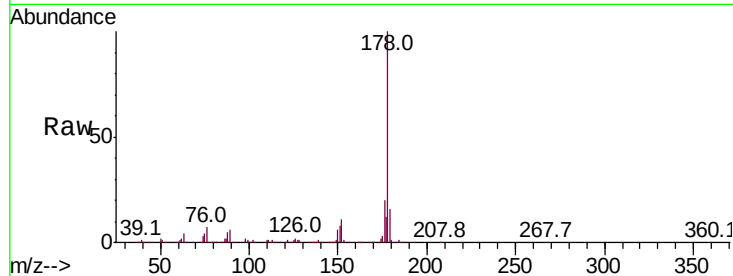
#71
Phenanthrene
Concen: 41.784 ng
RT: 17.57 min Scan# 2464
Delta R.T. -0.01 min
Lab File: BG040709.D
Acq: 2 May 2019 16:28

Instrument :
BNA_G
ClientSampleId :
PB119403BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.6
179	15.8	12.6	18.8

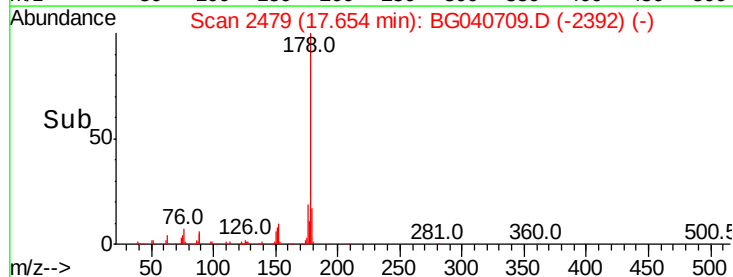
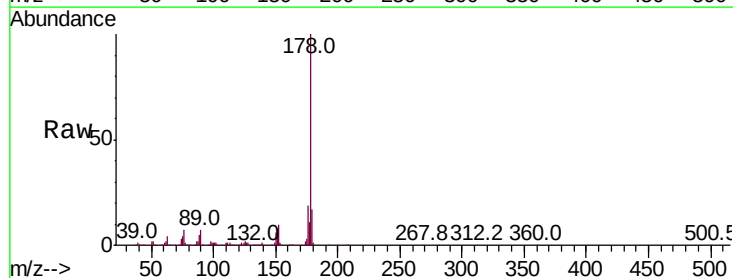
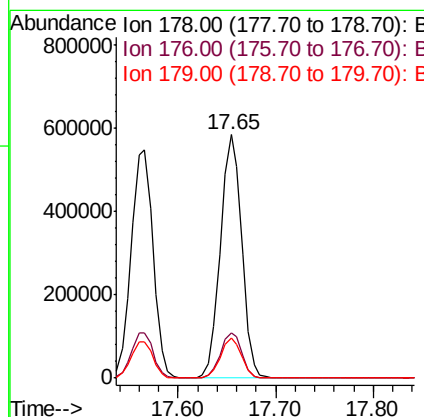
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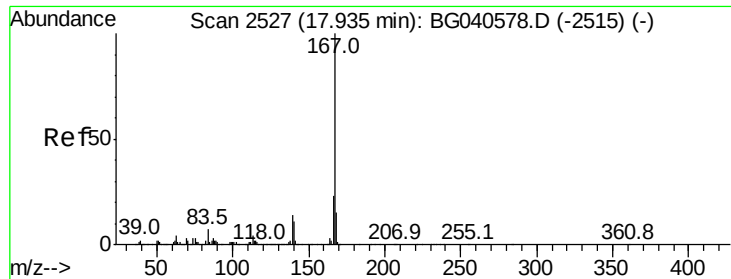
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#72
Anthracene
Concen: 42.660 ng
RT: 17.65 min Scan# 2479
Delta R.T. -0.02 min
Lab File: BG040709.D
Acq: 2 May 2019 16:28

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.6	23.4
179	16.6	12.9	19.3





#73

Carbazole

Concen: 41.958 ng

RT: 17.92 min Scan# 2525

Delta R.T. -0.01 min

Lab File: BG040709.D

Acq: 2 May 2019 16:28

Instrument :

BNA_G

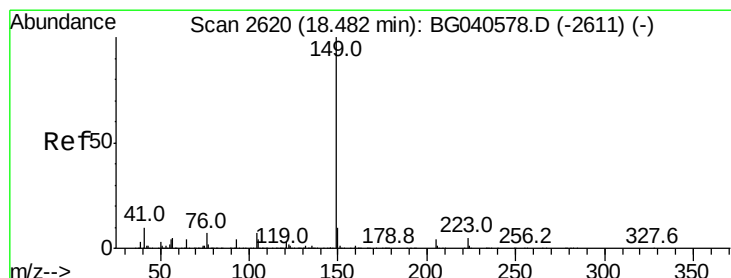
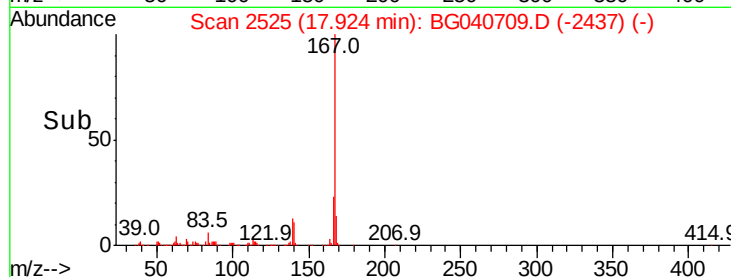
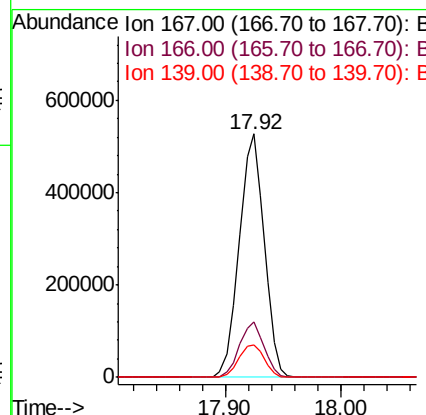
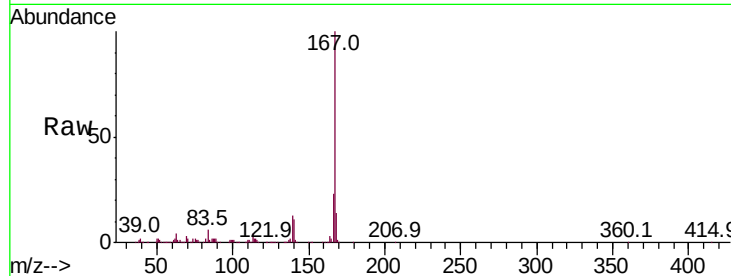
ClientSampleId :

PB119403BSD

Tot Ion:	167	Resp:	790196
Ion Ratio	Lower	Upper	
167	100		
166	23.0	18.2	27.4
139	13.4	11.4	17.0

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#74

Di-n-butylphthalate

Concen: 41.589 ng

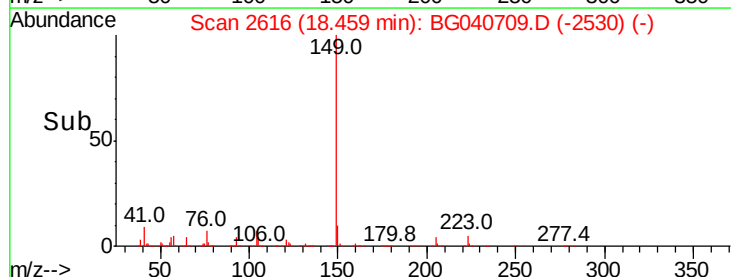
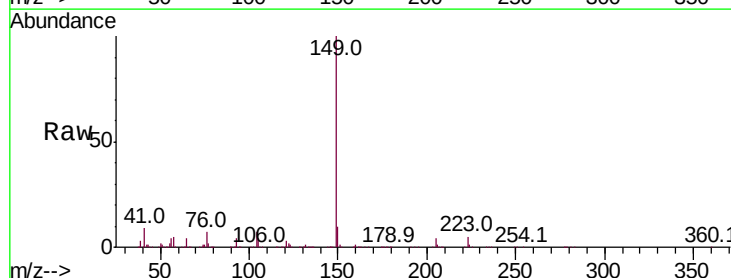
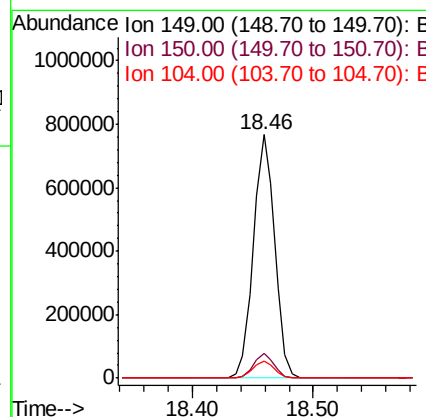
RT: 18.46 min Scan# 2616

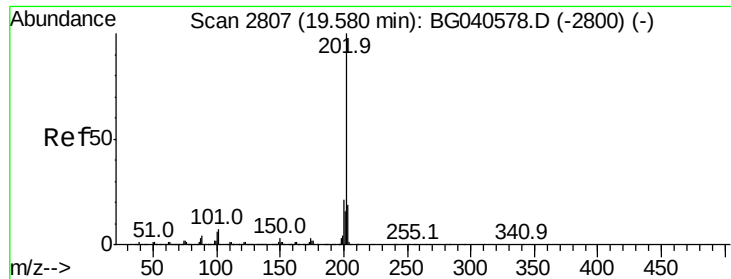
Delta R.T. -0.02 min

Lab File: BG040709.D

Acq: 2 May 2019 16:28

Tgt Ion:	149	Resp:	945375
Ion Ratio	Lower	Upper	
149	100		
150	10.3	8.2	12.2
104	7.1	5.4	8.2





#75

Fluoranthene

Concen: 43.936 ng

RT: 19.56 min Scan# 2804

Delta R.T. -0.02 min

Lab File: BG040709.D

Acq: 2 May 2019 16:28

Instrument :

BNA_G

ClientSampled :

PB119403BSD

Tot Ion:202 Resp: 1125963

Ion Ratio Lower Upper

202 100

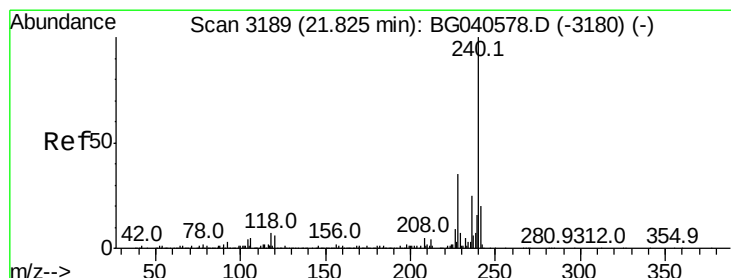
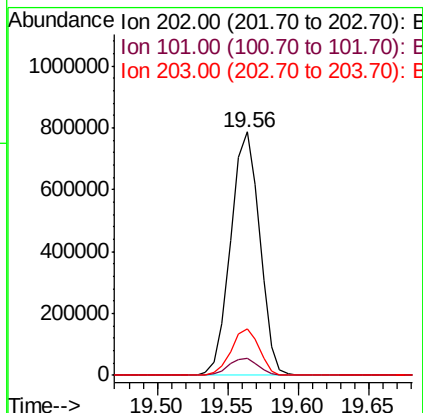
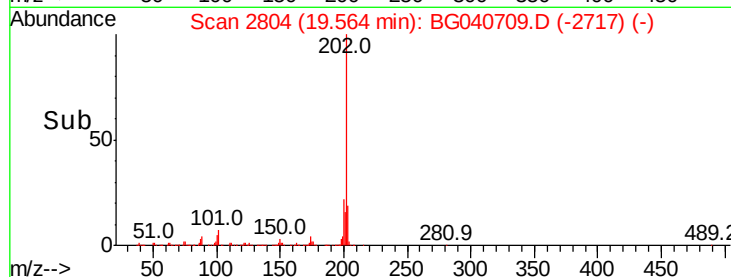
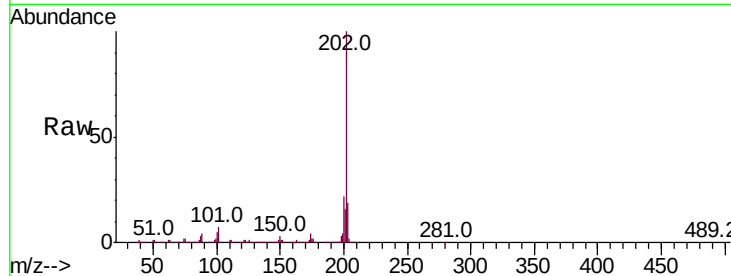
101 7.2 0.0 27.5

203 19.0 0.0 39.3

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#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.80 min Scan# 3185

Delta R.T. -0.02 min

Lab File: BG040709.D

Acq: 2 May 2019 16:28

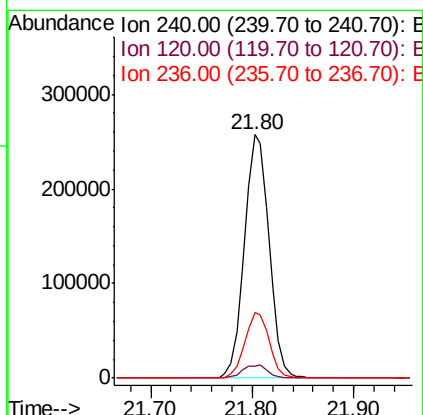
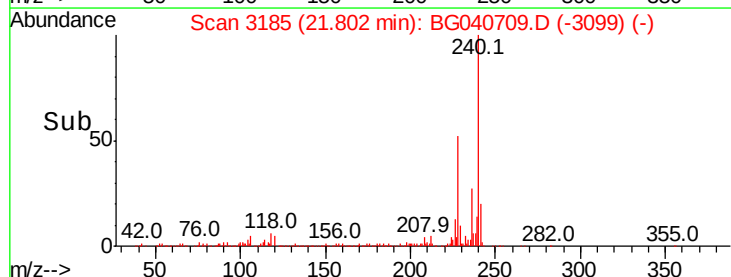
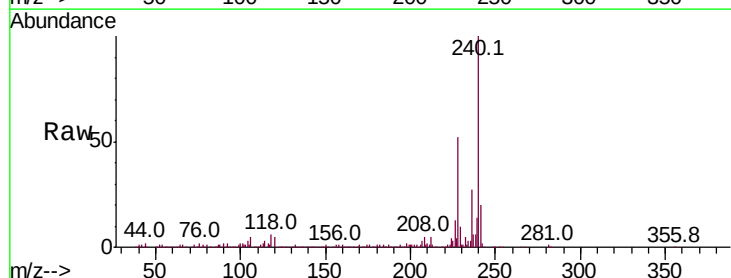
Tgt Ion:240 Resp: 432785

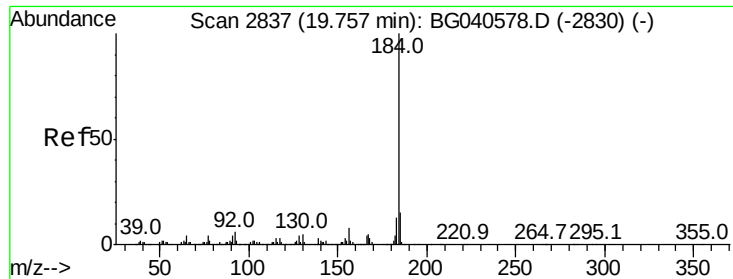
Ion Ratio Lower Upper

240 100

120 4.8 5.0 7.6#

236 26.9 20.3 30.5





#77

Benzidine

Concen: 31.358 ng

RT: 19.74 min Scan# 2834

Delta R.T. -0.02 min

Lab File: BG040709.D

Acq: 2 May 2019 16:28

Instrument :

BNA_G

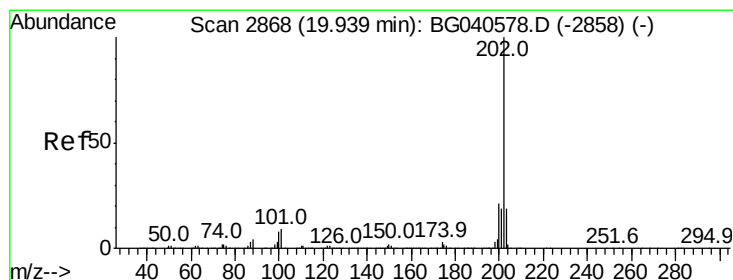
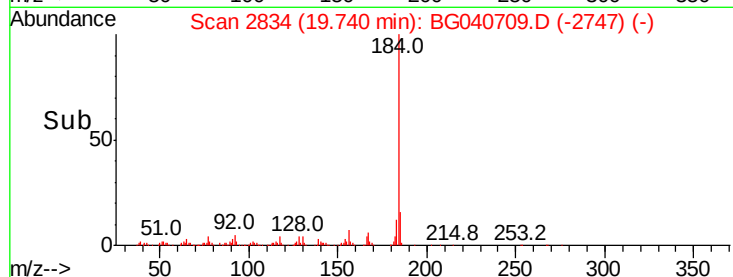
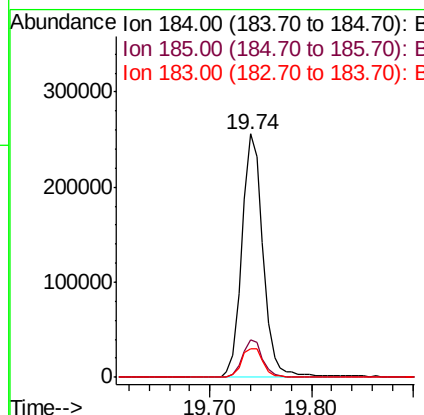
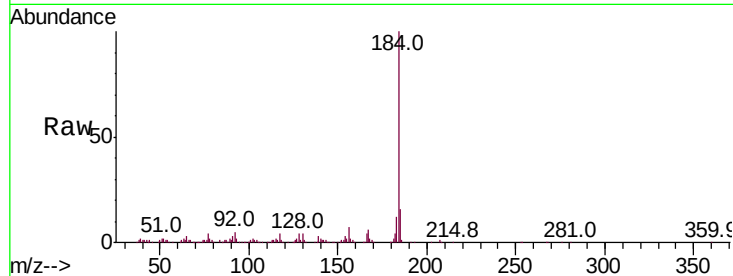
ClientSampleId :

PB119403BSD

Tot Ion:	184	Resp:	371587
Ion Ratio	Lower	Upper	
184	100		
185	15.6	11.8	17.8
183	11.9	10.2	15.2

Manual Integrations
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#78

Pyrene

Concen: 41.853 ng

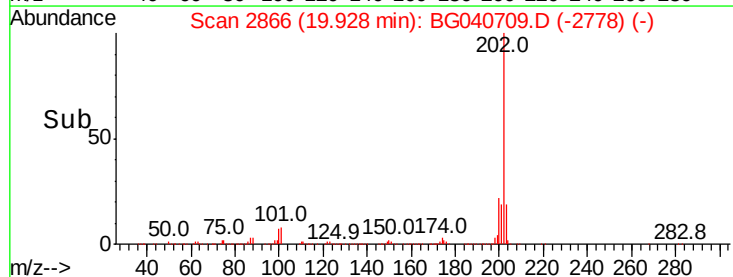
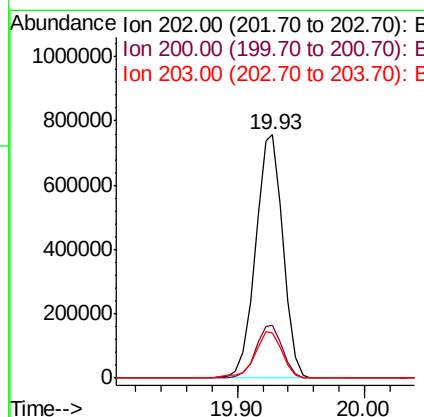
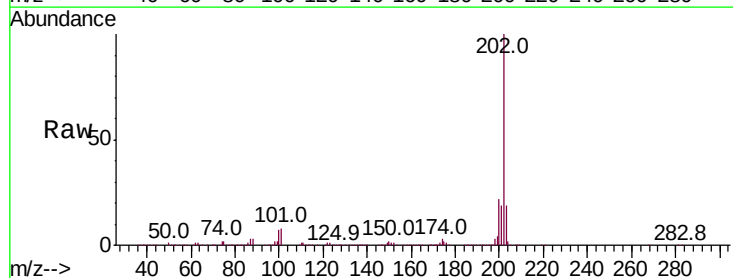
RT: 19.93 min Scan# 2866

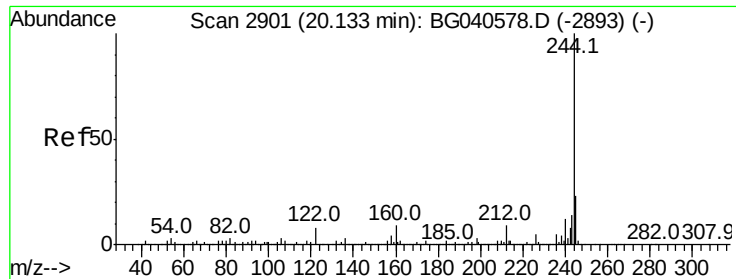
Delta R.T. -0.01 min

Lab File: BG040709.D

Acq: 2 May 2019 16:28

Tgt Ion:	202	Resp:	1135274
Ion Ratio	Lower	Upper	
202	100		
200	21.6	17.2	25.8
203	18.6	15.0	22.4





#79

Terphenyl-d14

Concen: 76.035 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040709.D

Acq: 2 May 2019 16:28

Instrument :

BNA_G

ClientSampleId :

PB119403BSD

Tot Ion:244 Resp: 1485346

Ion Ratio Lower Upper

244 100

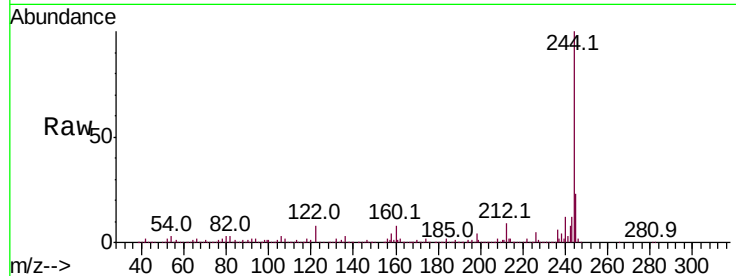
212 8.9 7.2 10.8

122 7.6 6.6 10.0

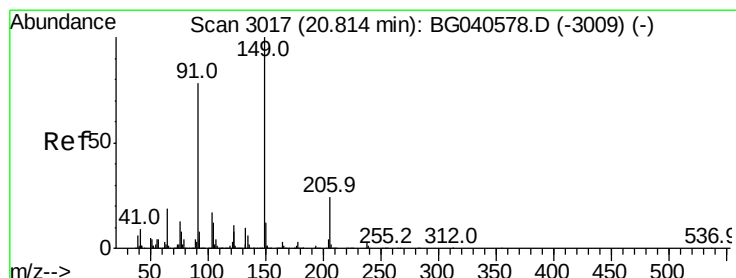
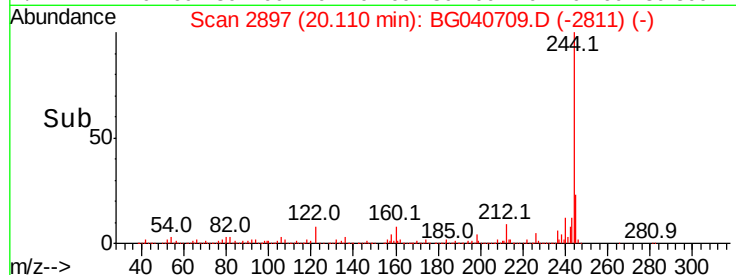
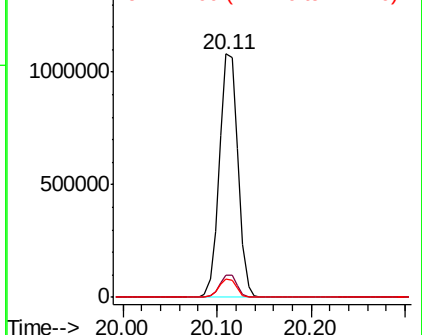
Manual Integrations
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.359 ng

RT: 20.80 min Scan# 3014

Delta R.T. -0.02 min

Lab File: BG040709.D

Acq: 2 May 2019 16:28

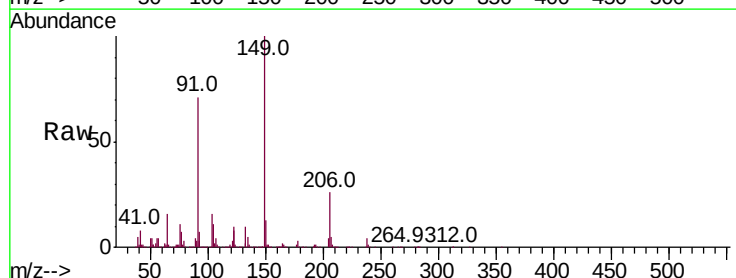
Tgt Ion:149 Resp: 437245

Ion Ratio Lower Upper

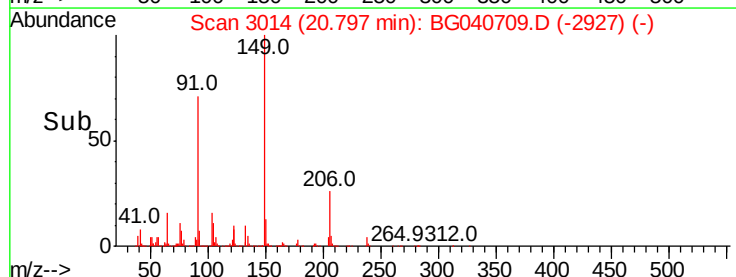
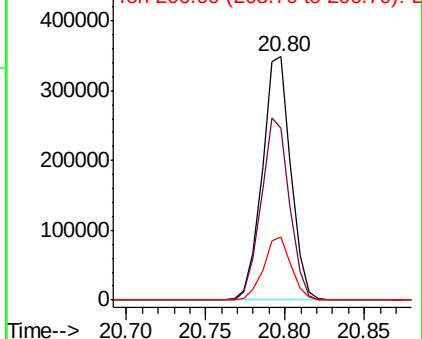
149 100

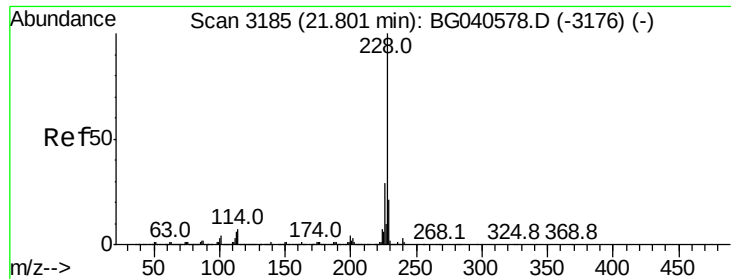
91 70.6 62.6 93.8

206 26.2 19.4 29.2



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.469 ng

RT: 21.78 min Scan# 3182

Delta R.T. -0.02 min

Lab File: BG040709.D

Acq: 2 May 2019 16:28

Instrument :

BNA_G

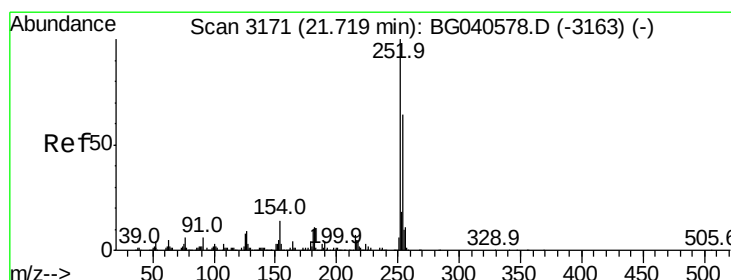
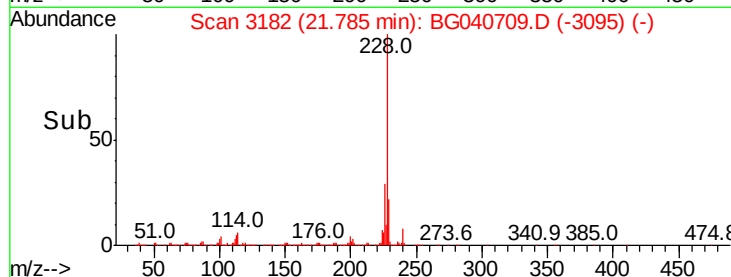
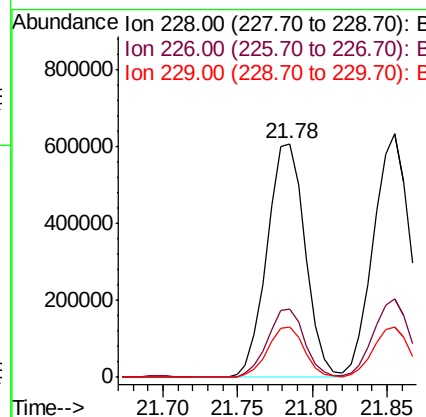
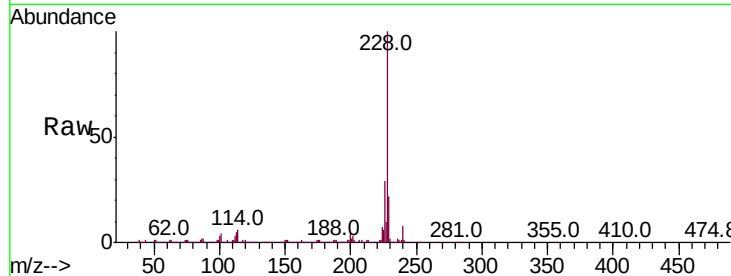
ClientSampleId :

PB119403BSD

Tot Ion:	228	Resp:	1079571
Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.1	34.7
229	21.7	17.0	25.4

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 30.767 ng

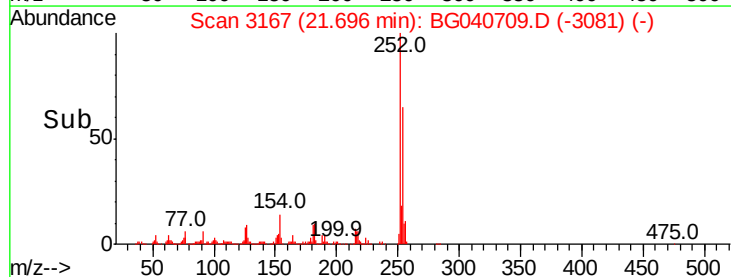
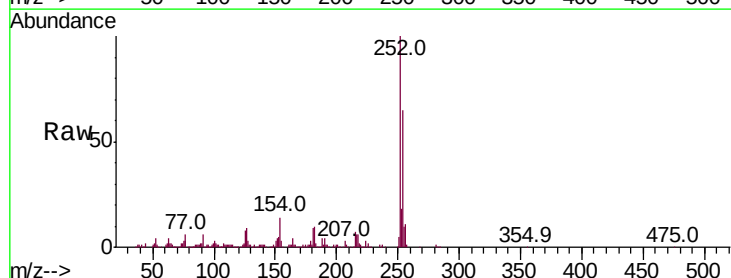
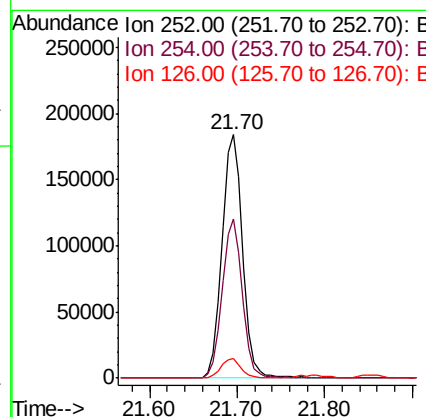
RT: 21.70 min Scan# 3167

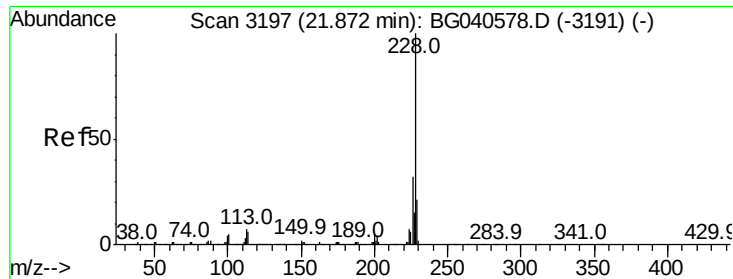
Delta R.T. -0.02 min

Lab File: BG040709.D

Acq: 2 May 2019 16:28

Tgt Ion:	252	Resp:	299947
Ion	Ratio	Lower	Upper
252	100		
254	65.4	51.2	76.8
126	8.2	6.6	10.0





#83

Chrysene

Concen: 40.647 ng

RT: 21.86 min Scan# 3194

Delta R.T. -0.02 min

Lab File: BG040709.D

Acq: 2 May 2019 16:28

Instrument :

BNA_G

ClientSampleId :

PB119403BSD

Tot Ion:228 Resp: 1057353

Ion Ratio Lower Upper

228 100

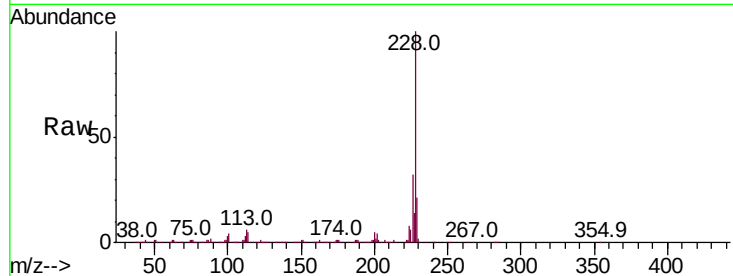
226 32.4 25.5 38.3

229 20.7 16.8 25.2

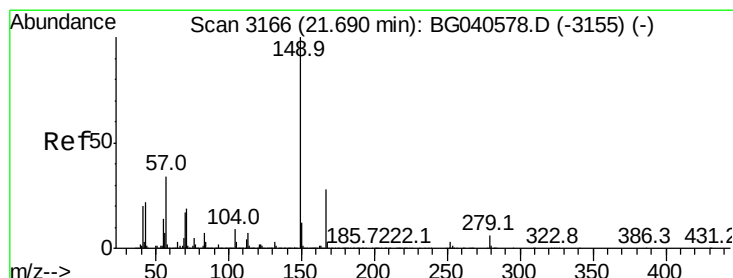
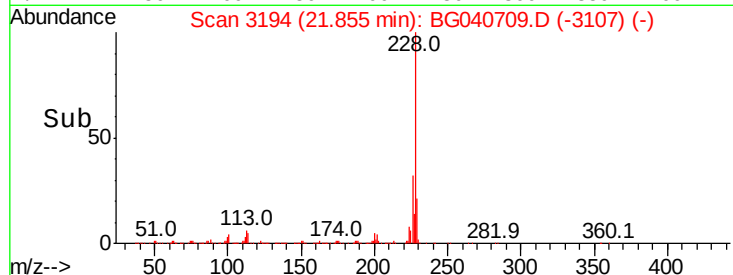
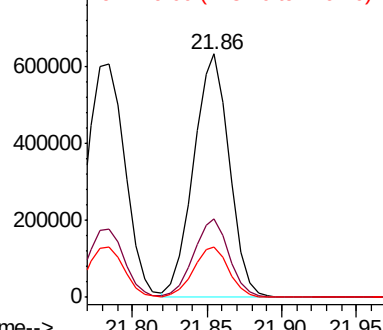
Manual Integrations
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.388 ng

RT: 21.66 min Scan# 3161

Delta R.T. -0.03 min

Lab File: BG040709.D

Acq: 2 May 2019 16:28

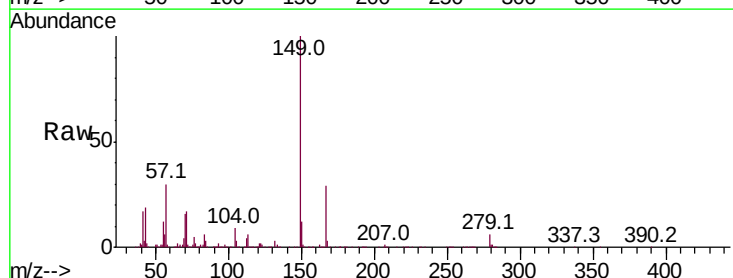
Tgt Ion:149 Resp: 601089

Ion Ratio Lower Upper

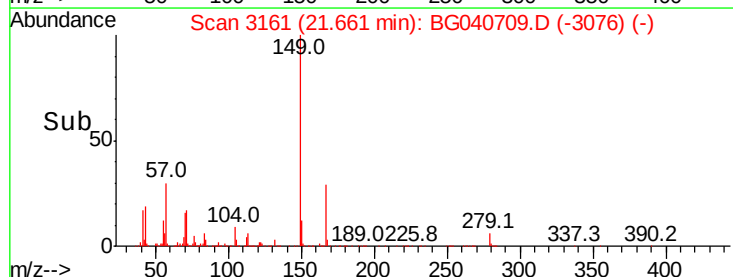
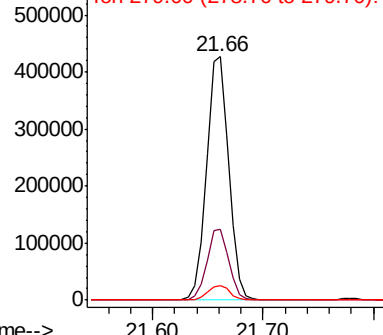
149 100

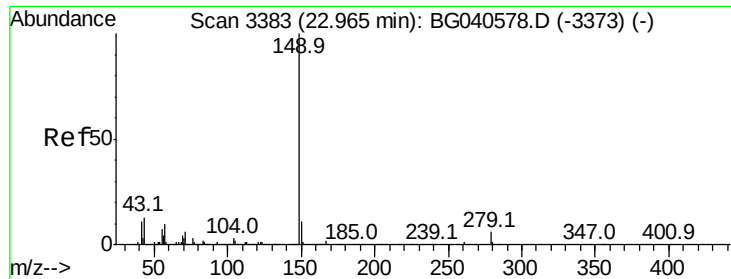
167 28.9 22.4 33.6

279 6.0 4.6 6.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





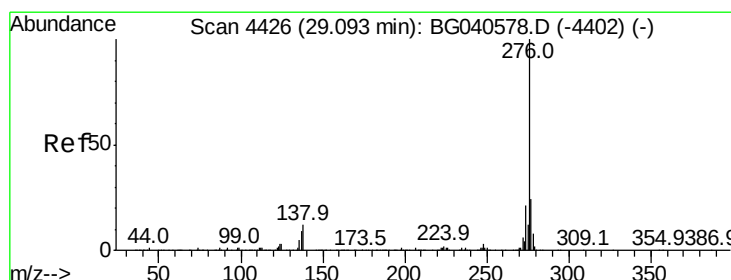
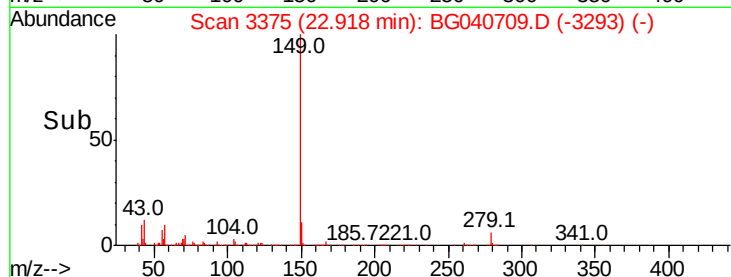
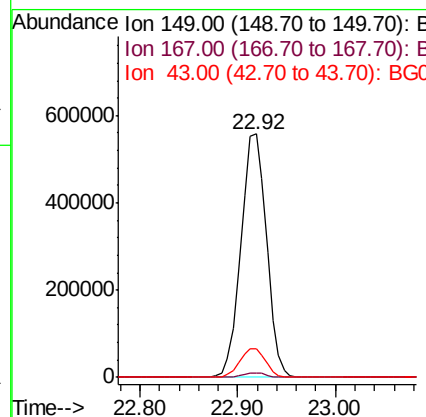
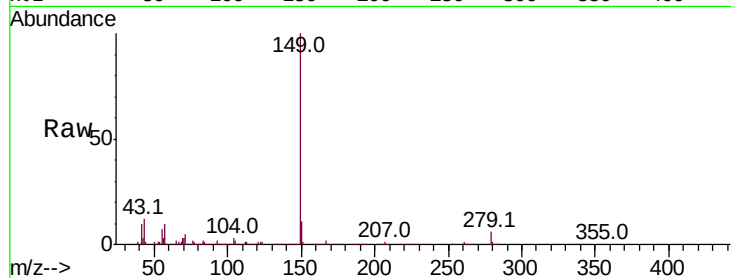
#85
Di-n-octyl phthalate
Concen: 39.639 ng
RT: 22.92 min Scan# 3375
Delta R.T. -0.05 min
Lab File: BG040709.D
Acq: 2 May 2019 16:28

Instrument :
BNA_G
ClientSampleId :
PB119403BSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.2
43	11.8	10.2	15.2

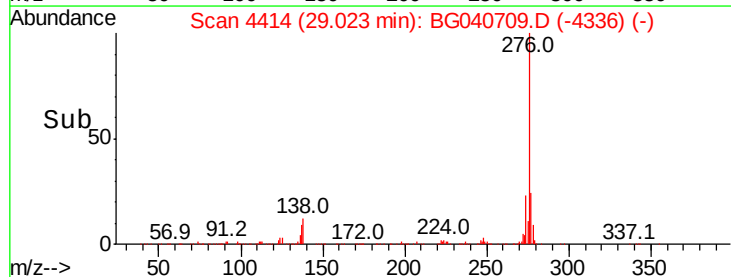
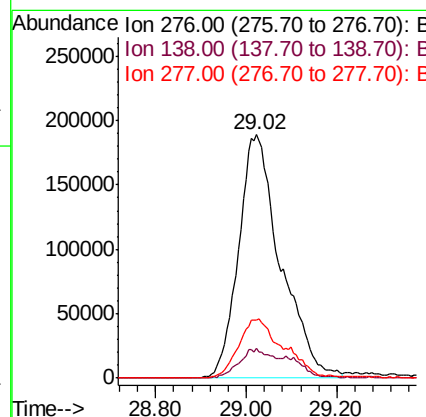
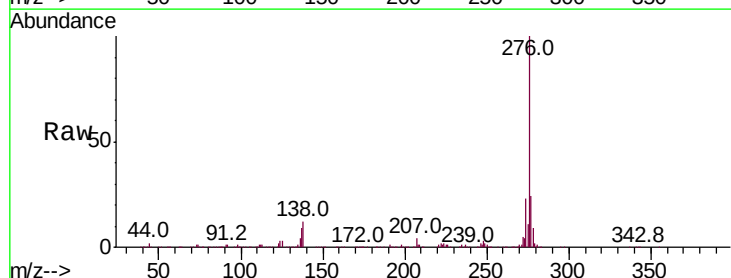
Manual Integrations
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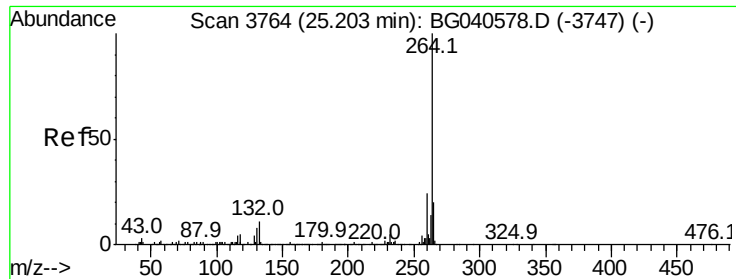
Sohil
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#86
Indeno(1,2,3-cd)pyrene
Concen: 38.646 ng
RT: 29.02 min Scan# 4414
Delta R.T. -0.07 min
Lab File: BG040709.D
Acq: 2 May 2019 16:28

Tgt Ion	Ratio	Lower	Upper
276	100		
138	9.4	9.8	14.6#
277	26.3	17.3	25.9#





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.16 min Scan# 3756

Delta R.T. -0.05 min

Lab File: BG040709.D

Acq: 2 May 2019 16:28

Instrument :

BNA_G

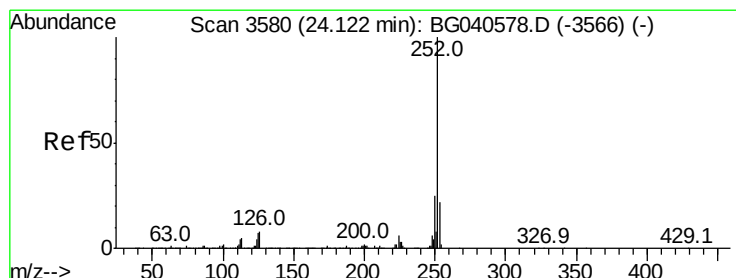
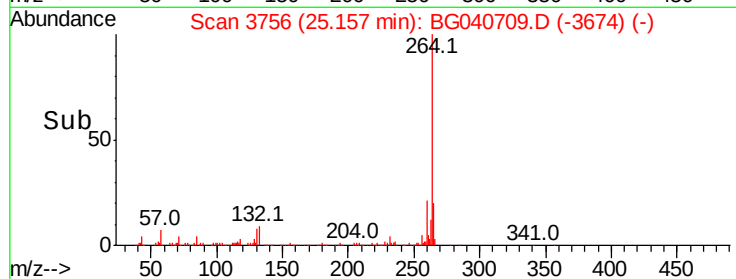
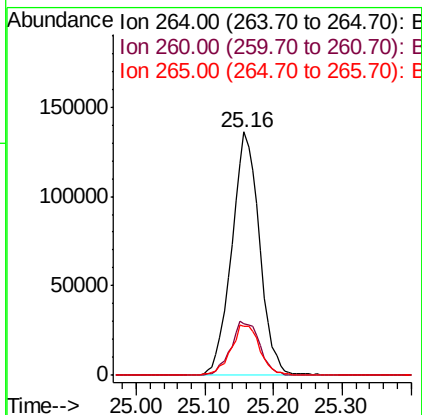
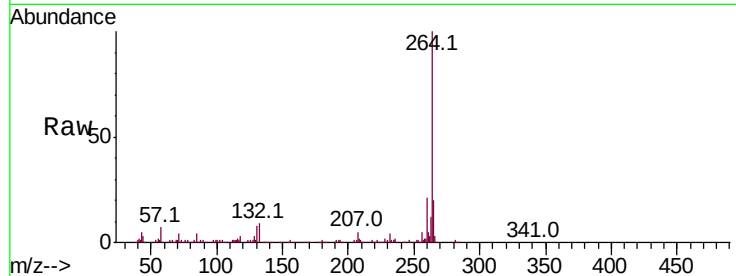
ClientSampleId :

PB119403BSD

Tot Ion:	264	Resp:	381536
Ion Ratio	Lower	Upper	
264	100		
260	21.3	19.2	28.8
265	20.4	16.6	25.0

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 47.639 ng

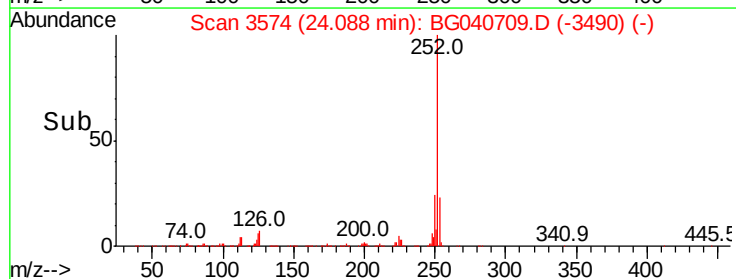
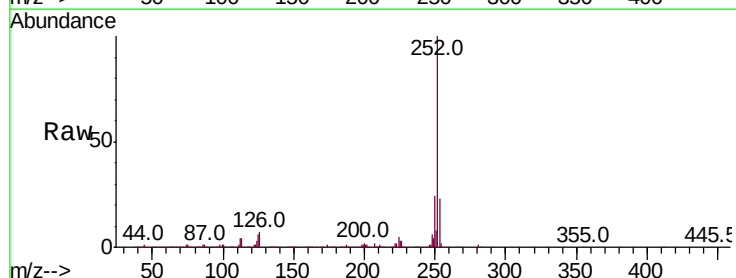
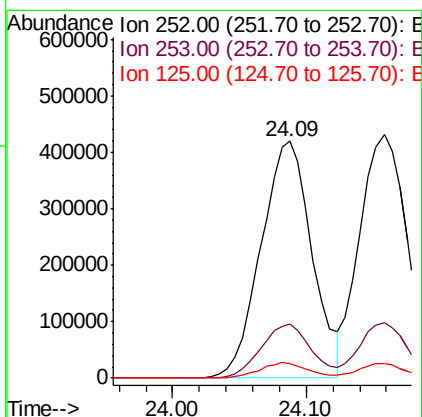
RT: 24.09 min Scan# 3574

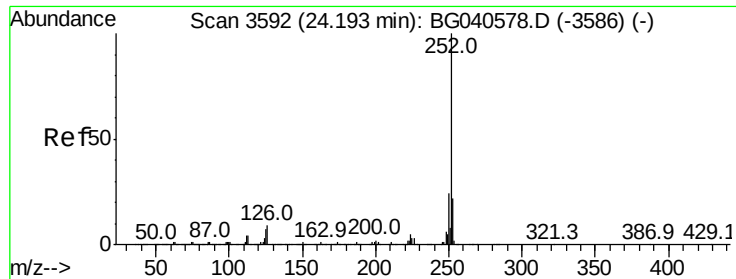
Delta R.T. -0.03 min

Lab File: BG040709.D

Acq: 2 May 2019 16:28

Tgt Ion:	252	Resp:	1110714
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.6	26.4
125	6.1	5.4	8.0





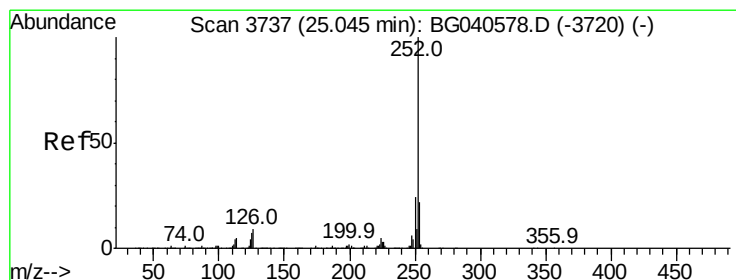
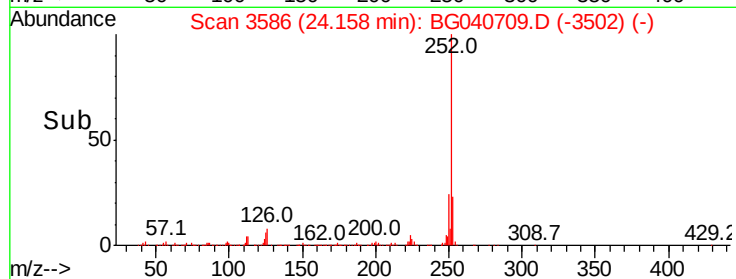
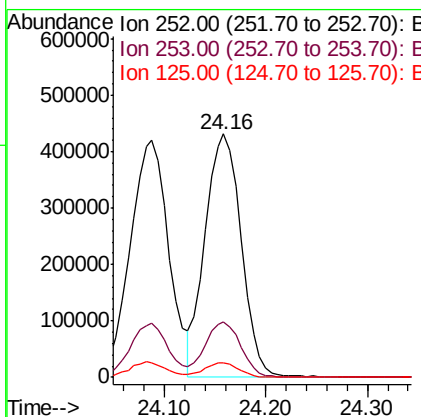
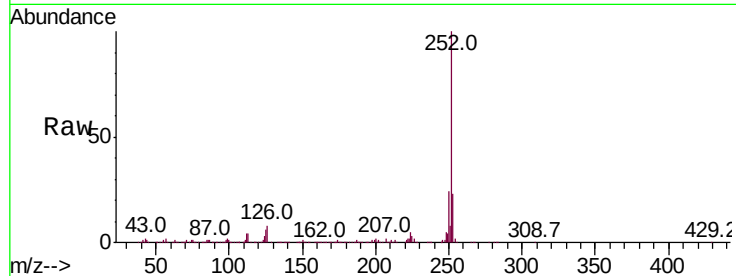
#89
Benzo(k)fluoranthene
Concen: 48.670 ng
RT: 24.16 min Scan# 3586
Delta R.T. -0.03 min
Lab File: BG040709.D
Acq: 2 May 2019 16:28

Instrument :
BNA_G
ClientSampleId :
PB119403BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.6	26.4
125	5.9	5.5	8.3

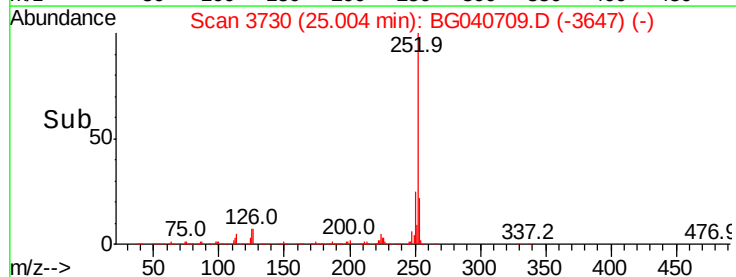
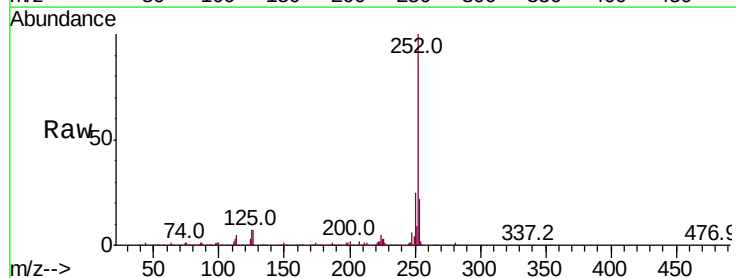
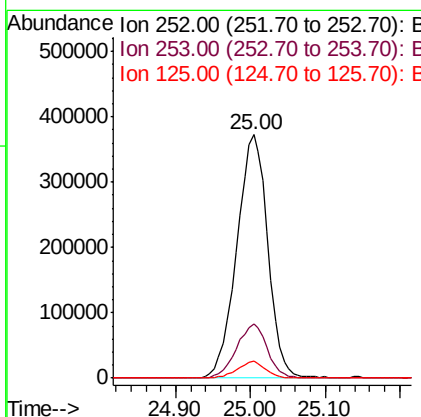
Manual Integrations
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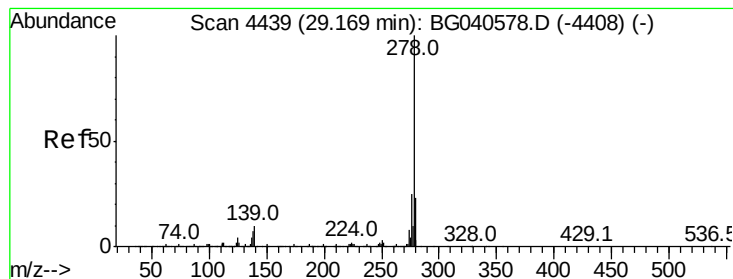
Sohil
5/3/2019 4:29:17 PM



#90
Benzo(a)pyrene
Concen: 48.544 ng
RT: 25.00 min Scan# 3730
Delta R.T. -0.04 min
Lab File: BG040709.D
Acq: 2 May 2019 16:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	7.1	5.7	8.5





#91

Dibenzo(a,h)anthracene

Concen: 45.430 ng

RT: 29.09 min Scan# 4426

Delta R.T. -0.08 min

Lab File: BG040709.D

Acq: 2 May 2019 16:28

Instrument :

BNA_G

ClientSampleId :

PB119403BSD

Tot Ion:278 Resp: 1014630

Ion Ratio Lower Upper

278 100

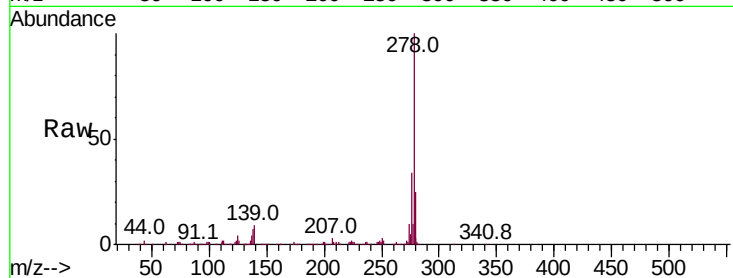
139 9.1 8.2 12.4

279 24.6 18.5 27.7

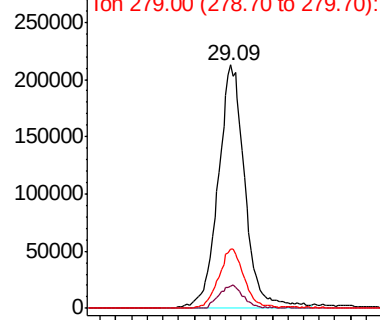
Manual Integrations
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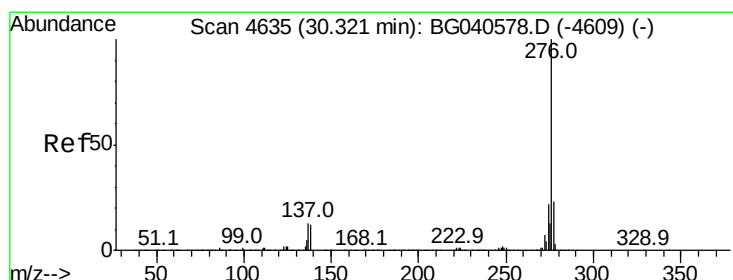
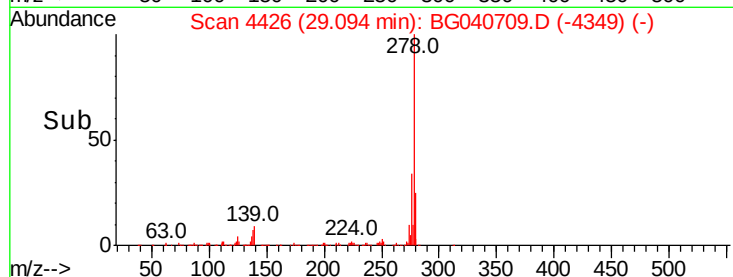
5/3/2019 4:29:17 PM



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



Time-->



#92

Benzo(g,h,i)perylene

Concen: 44.836 ng

RT: 30.25 min Scan# 4622

Delta R.T. -0.08 min

Lab File: BG040709.D

Acq: 2 May 2019 16:28

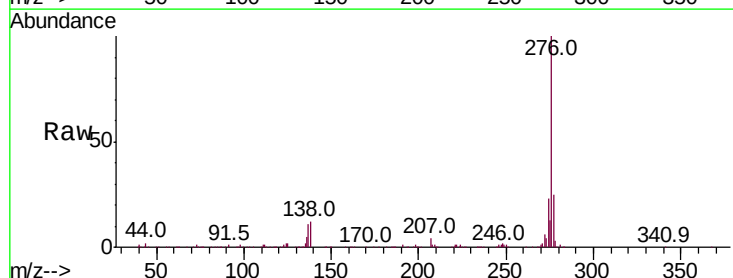
Tgt Ion:276 Resp: 996592

Ion Ratio Lower Upper

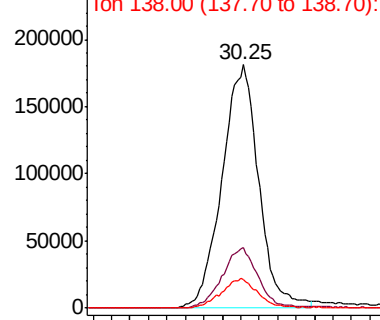
276 100

277 24.7 18.4 27.6

138 11.5 9.8 14.6



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



Time-->

