

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032819\
 Data File : BG040200.D
 Acq On : 28 Mar 2019 15:03
 Operator : JU/SJ
 Sample : PB118351BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118351BSD

Manual Integrations
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Sohil
 3/29/2019 4:45:25 PM

Quant Time: Mar 29 07:12:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	50888	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	196124	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	120830	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	311773	20.00	ng	0.00
76) Chrysene-d12	21.73	240	327280	20.00	ng	0.00
87) Perylene-d12	25.03	264	335653	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	394830	128.98	ng	0.00
7) Phenol-d6	7.22	99	528798	125.00	ng	0.00
23) Nitrobenzene-d5	9.25	82	285395	77.35	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	188845	144.61	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	639995	78.48	ng	0.00
79) Terphenyl-d14	20.04	244	1149110	78.99	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.52	88	73689	51.195	ng	93
3) Pyridine	3.92	79	143980	37.152	ng	98
4) n-Nitrosodimethylamine	3.84	42	65993	36.813	ng	91
6) Aniline	7.39	93	154863	28.176	ng	98
8) 2-Chlorophenol	7.63	128	139862	39.032	ng	94
9) Benzaldehyde	7.21	77	51591	17.778	ng	96
10) Phenol	7.25	94	183676	40.000	ng	97
11) bis(2-Chloroethyl)ether	7.49	93	135152	36.748	ng	99
12) 1,3-Dichlorobenzene	7.95	146	147938	37.979	ng	96
13) 1,4-Dichlorobenzene	8.11	146	149888	38.635	ng	98
14) 1,2-Dichlorobenzene	8.42	146	143142	38.582	ng	99
15) Benzyl Alcohol	8.31	79	123448	36.234	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.59	45	253954	35.979	ng	98
17) 2-Methylphenol	8.51	107	125213	39.407	ng	98
18) Hexachloroethane	9.15	117	55330	37.493	ng	98
19) n-Nitroso-di-n-propylamine	8.87	70	104655	34.504	ng	96
20) 3+4-Methylphenols	8.83	107	169043	39.271	ng	99
22) Acetophenone	8.90	105	207503	42.414	ng	# 99
24) Nitrobenzene	9.29	77	156138	40.865	ng	99
25) Isophorone	9.80	82	298337	39.296	ng	97
26) 2-Nitrophenol	10.00	139	74017	40.883	ng	98
27) 2,4-Dimethylphenol	10.04	122	140882	48.988	ng	99
28) bis(2-Chloroethoxy)methane	10.28	93	183827	40.927	ng	99
29) 2,4-Dichlorophenol	10.53	162	136226	43.641	ng	98
30) 1,2,4-Trichlorobenzene	10.74	180	144268	42.091	ng	98
31) Naphthalene	10.94	128	421277	41.906	ng	99
32) Benzoic acid	10.18	122	59420	34.198	ng	94
33) 4-Chloroaniline	11.05	127	97180	22.663	ng	96
34) Hexachlorobutadiene	11.20	225	90218	41.157	ng	95
35) Caprolactam	11.83	113	50659m	40.895	ng	
36) 4-Chloro-3-methylphenol	12.16	107	152721	42.558	ng	99
37) 2-Methylnaphthalene	12.54	142	315150	42.388	ng	98
38) 1-Methylnaphthalene	12.75	142	294374	40.831	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	156854	40.843	ng	99

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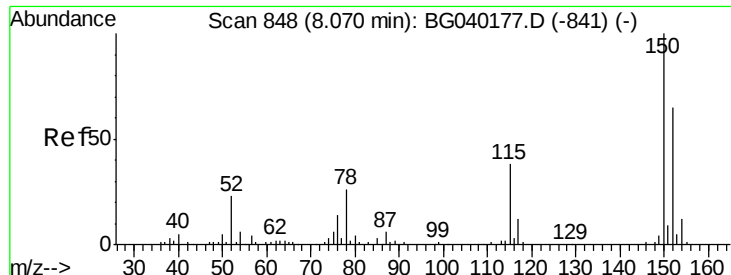
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	212534	100.791	ng	94
43) 2,4,6-Trichlorophenol	13.14	196	108603	43.862	ng	98
44) 2,4,5-Trichlorophenol	13.21	196	120581	44.679	ng	94
46) 1,1'-Biphenyl	13.53	154	396233	41.503	ng	98
47) 2-Chloronaphthalene	13.58	162	305694	41.743	ng	99
48) 2-Nitroaniline	13.79	65	102683	41.569	ng	94
49) Acenaphthylene	14.43	152	517026	41.640	ng	99
50) Dimethylphthalate	14.15	163	409502	43.303	ng	99
51) 2,6-Dinitrotoluene	14.28	165	93549	44.057	ng	99
52) Acenaphthene	14.76	154	300806	42.279	ng	96
53) 3-Nitroaniline	14.62	138	63923	28.440	ng	94
54) 2,4-Dinitrophenol	14.82	184	109239	96.736	ng	96
55) Dibenzofuran	15.10	168	492528	43.081	ng	100
56) 4-Nitrophenol	14.92	139	165366	91.159	ng	98
57) 2,4-Dinitrotoluene	15.07	165	134076	45.443	ng	99
58) Fluorene	15.74	166	388834	43.259	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.32	232	109300	44.630	ng	# 98
60) Diethylphthalate	15.50	149	434936	44.946	ng	99
61) 4-Chlorophenyl-phenylether	15.73	204	208115	43.316	ng	98
62) 4-Nitroaniline	15.78	138	105381	43.689	ng	96
63) Azobenzene	16.03	77	393764	43.139	ng	98
65) 4,6-Dinitro-2-methylphenol	15.83	198	73823	42.146	ng	97
66) n-Nitrosodiphenylamine	15.95	169	366785	40.203	ng	98
67) 4-Bromophenyl-phenylether	16.63	248	136732	38.971	ng	96
68) Hexachlorobenzene	16.74	284	142403	40.367	ng	96
69) Atrazine	16.89	200	143444	42.266	ng	99
70) Pentachlorophenol	17.09	266	168798	82.765	ng	95
71) Phenanthrene	17.49	178	688406	42.008	ng	99
72) Anthracene	17.58	178	705500	43.012	ng	98
73) Carbazole	17.85	167	672839	43.345	ng	99
74) Di-n-butylphthalate	18.39	149	812198	44.141	ng	99
75) Fluoranthene	19.50	202	889002	45.814	ng	99
77) Benzidine	19.68	184	364902	30.876	ng	97
78) Pyrene	19.86	202	890649	41.383	ng	98
80) Butylbenzylphthalate	20.73	149	378550	41.103	ng	97
81) Benzo(a)anthracene	21.71	228	817281	40.542	ng	99
82) 3,3'-Dichlorobenzidine	21.62	252	188229	24.546	ng	96
83) Chrysene	21.77	228	789521	40.752	ng	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	523380	39.755	ng	100
85) Di-n-octyl phthalate	22.81	149	902699	40.245	ng	99
86) Indeno(1,2,3-cd)pyrene	28.81	276	972983	41.062	ng	99
88) Benzo(b)fluoranthene	23.97	252	854210	41.567	ng	98
89) Benzo(k)fluoranthene	24.04	252	824821	43.646	ng	100
90) Benzo(a)pyrene	24.87	252	838421	43.484	ng	99
91) Dibenzo(a,h)anthracene	28.88	278	784612	43.815	ng	97
92) Benzo(g,h,i)perylene	30.02	276	811673	44.104	ng	99

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



#1

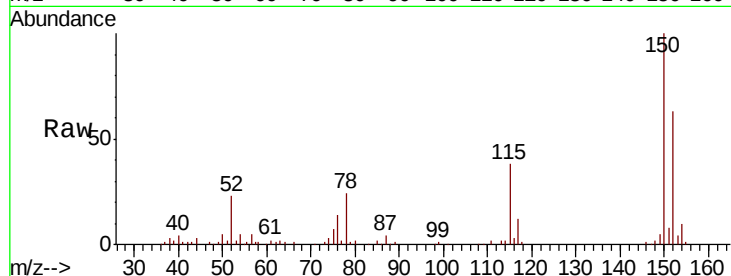
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 848
Delta R.T. 0.00 min
Lab File: BG040200.D
Acq: 28 Mar 2019 15:03

Instrument :
BNA_G
ClientSampleId :
PB118351BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	123.7	185.5
115	60.6	46.9	70.3

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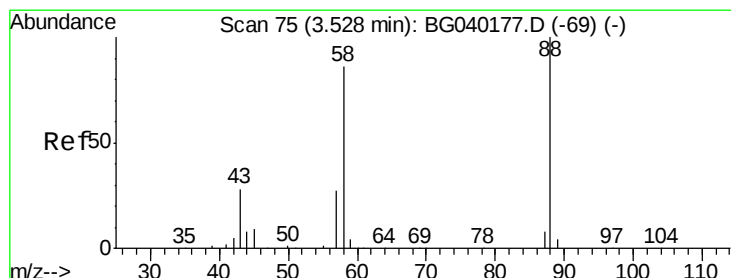
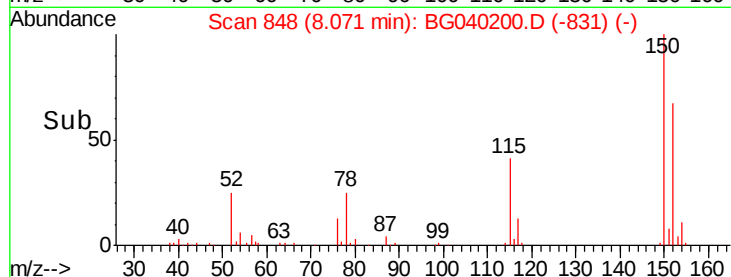
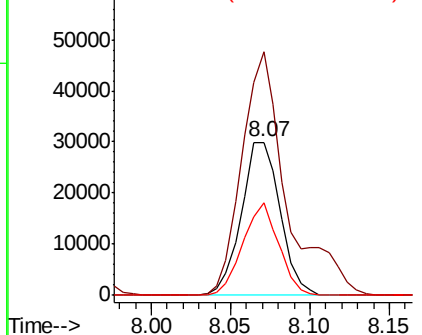


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

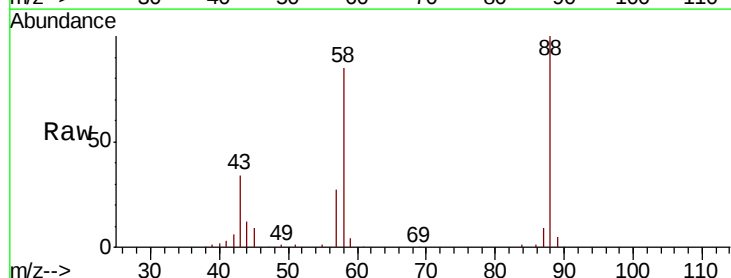
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 51.195 ng
RT: 3.52 min Scan# 73
Delta R.T. -0.01 min
Lab File: BG040200.D
Acq: 28 Mar 2019 15:03

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.7	70.6	106.0
43	37.2	24.8	37.2

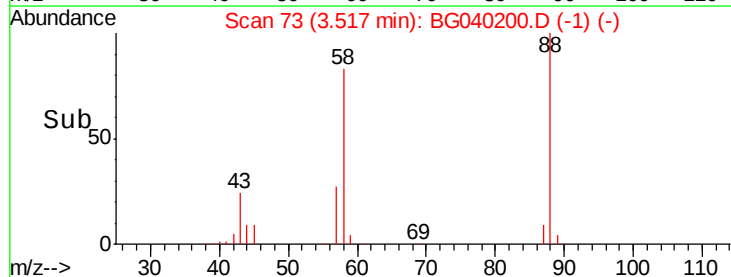
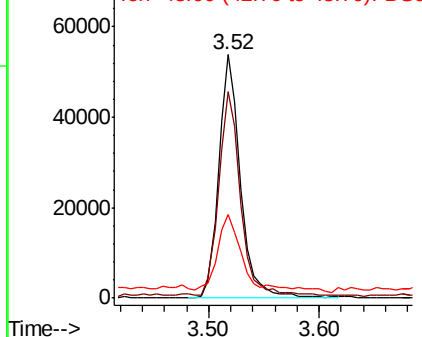


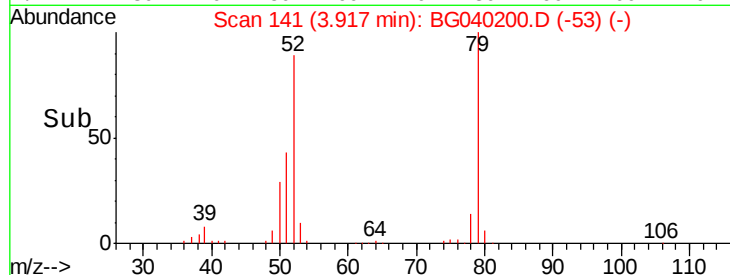
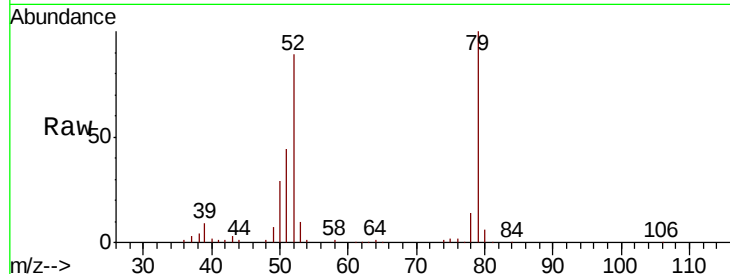
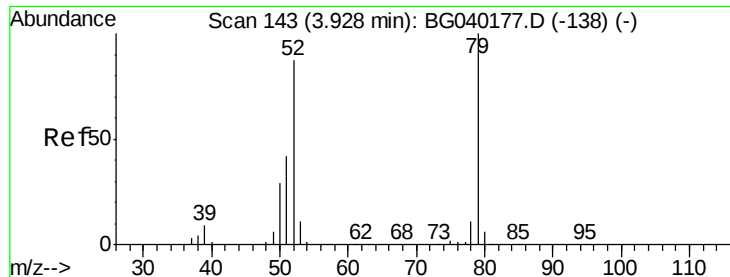
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





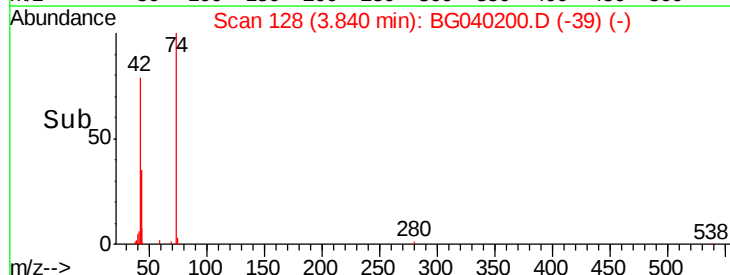
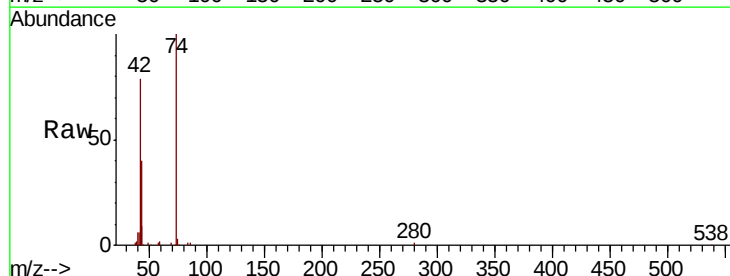
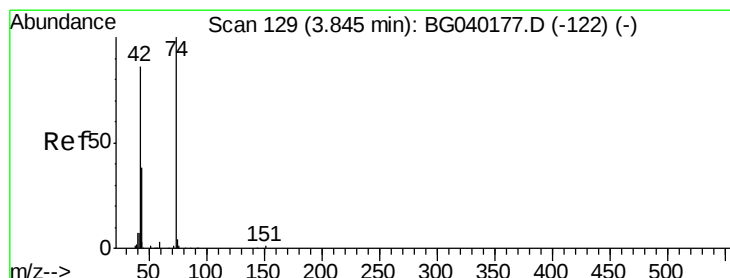
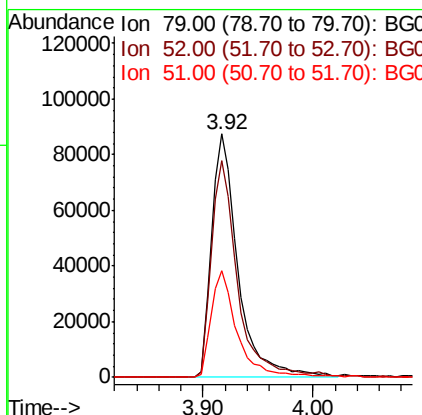
#3
Pvridine
Concen: 37.152 ng
RT: 3.92 min Scan# 141
Delta R.T. -0.01 min
Lab File: BG040200.D
Acq: 28 Mar 2019 15:03

Tot Ion	Ratio	Lower	Upper
79	100		
52	88.9	69.8	104.8
51	43.6	33.9	50.9

Instrument :
BNA_G
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PB118351BSD

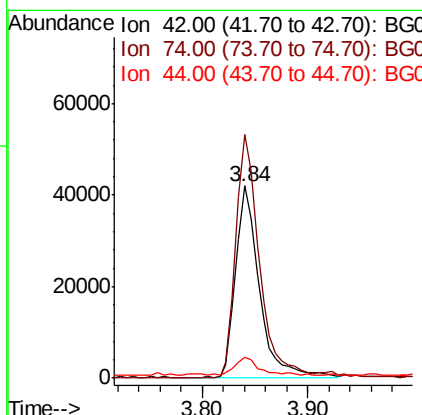
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#4
n-Nitrosodimethylamine
Concen: 36.813 ng
RT: 3.84 min Scan# 128
Delta R.T. -0.01 min
Lab File: BG040200.D
Acq: 28 Mar 2019 15:03

Tgt Ion	Ratio	Lower	Upper
42	100		
74	126.6	92.9	139.3
44	10.8	9.7	14.5





#5

2-Fluorophenol

Concen: 128.983 ng

RT: 5.63 min Scan# 432

Delta R.T. 0.01 min

Lab File: BG040200.D

Acq: 28 Mar 2019 15:03

Instrument :

BNA_G

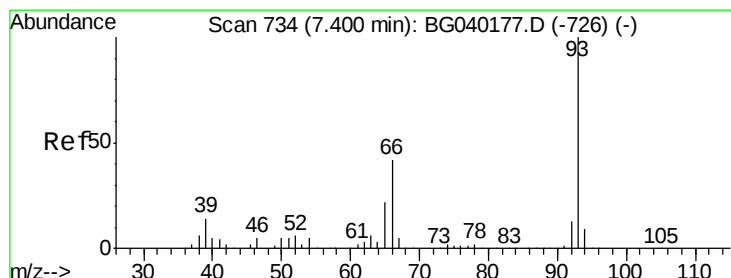
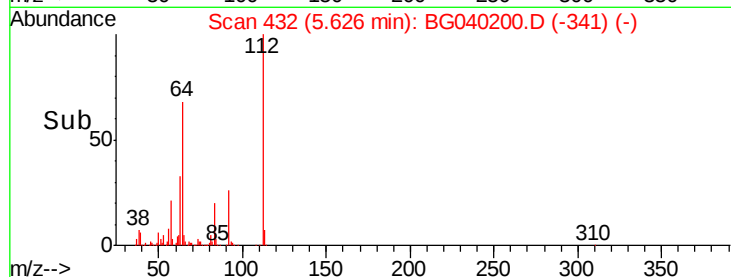
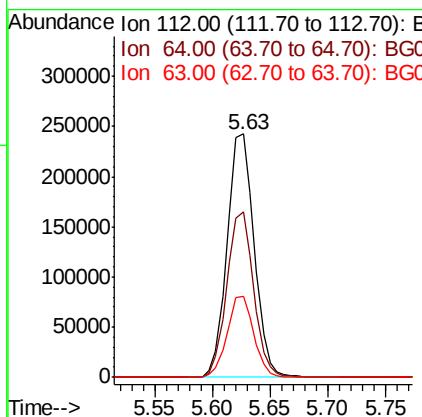
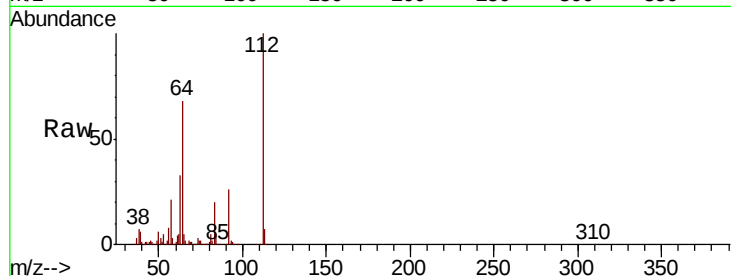
ClientSampleId :

PB118351BSD

Tot Ion:	112	Resp:	394830
Ion Ratio	Lower	Upper	
112	100		
64	67.9	54.2	81.2
63	33.4	26.4	39.6

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#6

Aniline

Concen: 28.176 ng

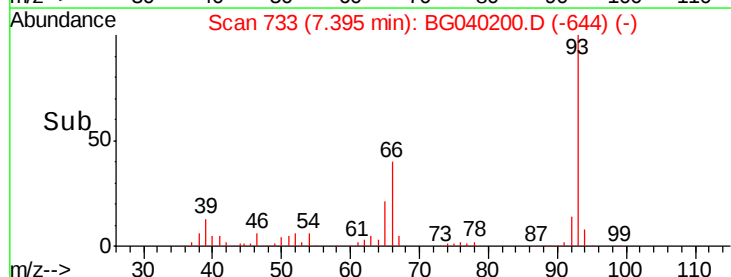
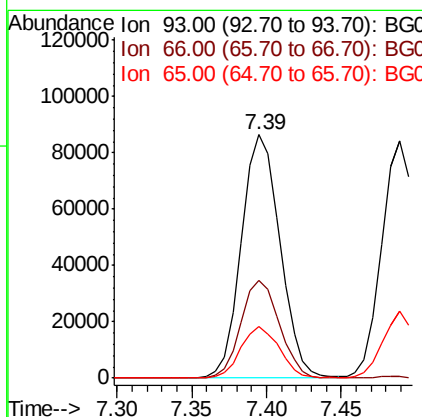
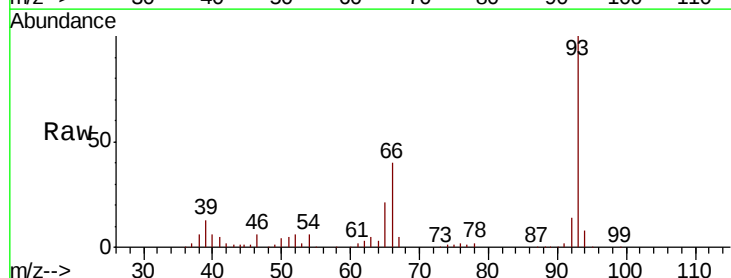
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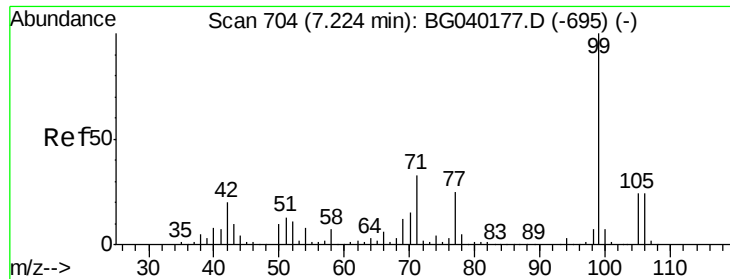
Delta R.T. -0.01 min

Lab File: BG040200.D

Acq: 28 Mar 2019 15:03

Tgt Ion:	93	Resp:	154863
Ion Ratio	Lower	Upper	
93	100		
66	40.2	33.6	50.4
65	21.1	17.4	26.2





#7

Phenol-d6

Concen: 124.997 ng

RT: 7.22 min Scan# 704

Delta R.T. 0.00 min

Lab File: BG040200.D

Acq: 28 Mar 2019 15:03

Instrument :

BNA_G

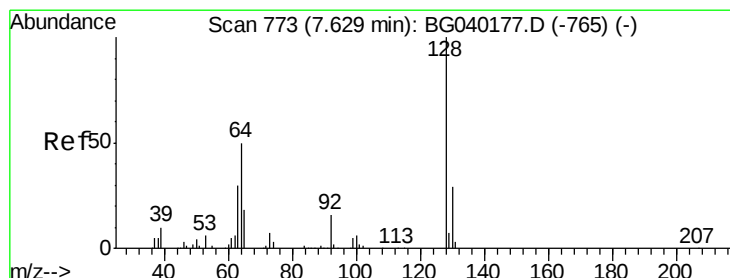
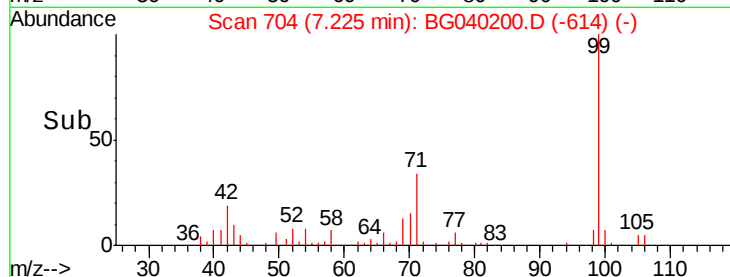
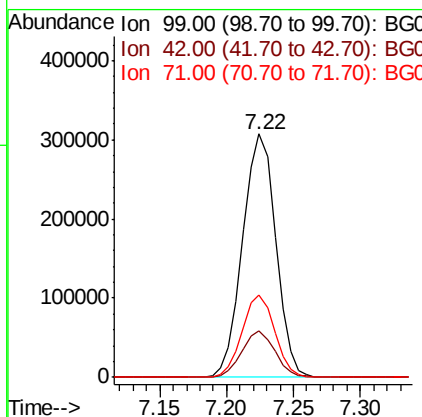
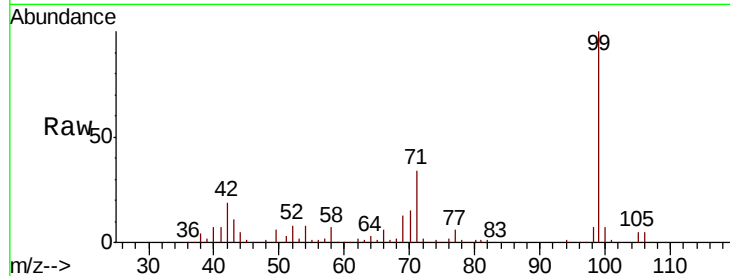
ClientSampleId :

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Tot Ion:	99	Resp:	528798
Ion Ratio	Lower	Upper	
99	100		
42	18.9	16.2	24.2
71	34.0	26.8	40.2

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#8

2-Chlorophenol

Concen: 39.032 ng

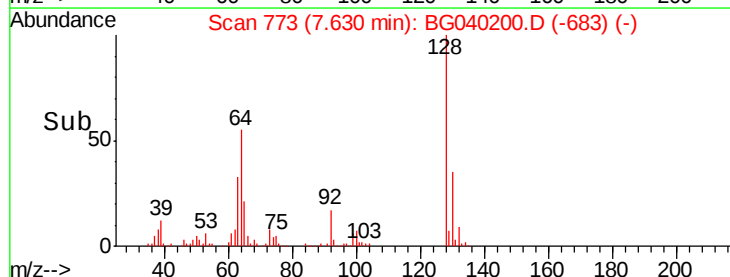
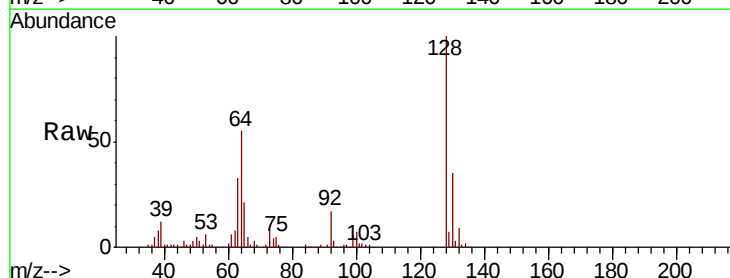
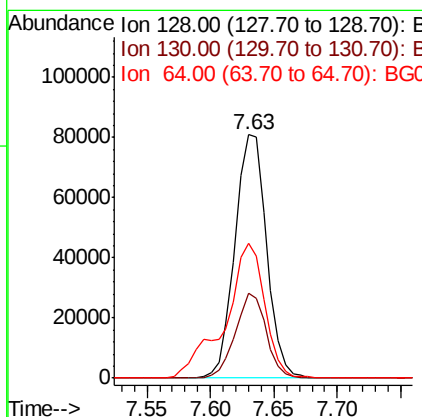
RT: 7.63 min Scan# 773

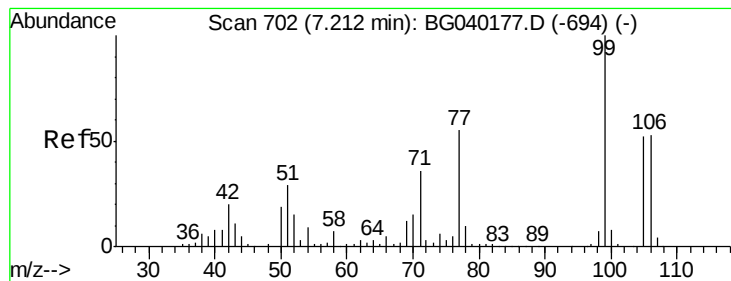
Delta R.T. 0.00 min

Lab File: BG040200.D

Acq: 28 Mar 2019 15:03

Tgt Ion:	128	Resp:	139862
Ion Ratio	Lower	Upper	
128	100		
130	34.7	9.1	49.1
64	55.5	33.1	73.1





#9

Benzaldehyde

Concen: 17.778 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG040200.D

Acq: 28 Mar 2019 15:03

Instrument :

BNA_G

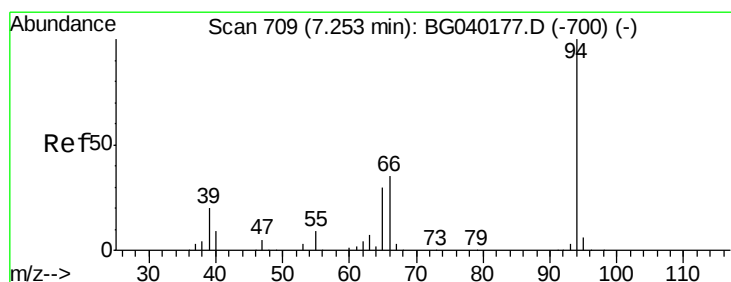
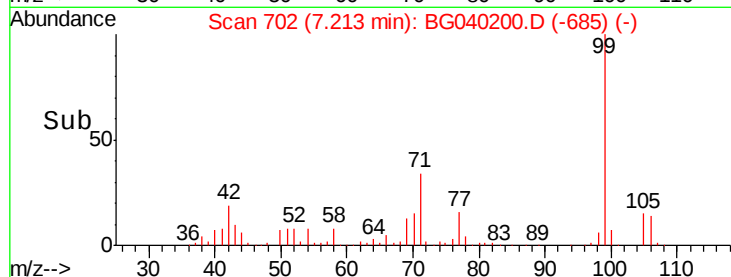
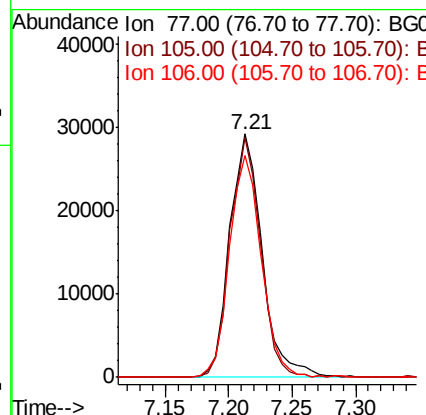
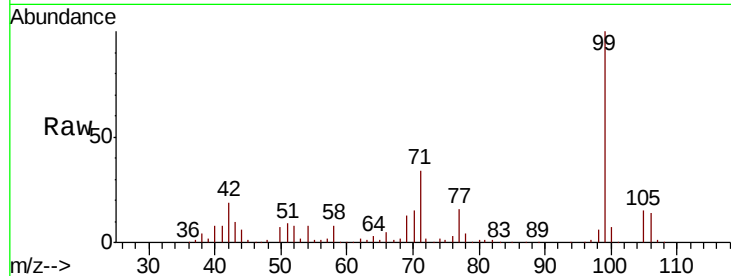
ClientSampleId :

PB118351BSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	98.5	75.0	115.0
106	91.2	75.7	115.7

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#10

Phenol

Concen: 40.000 ng

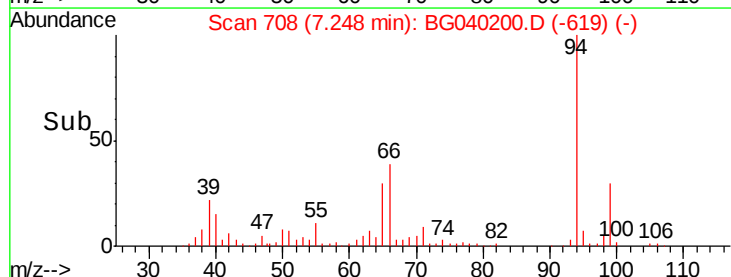
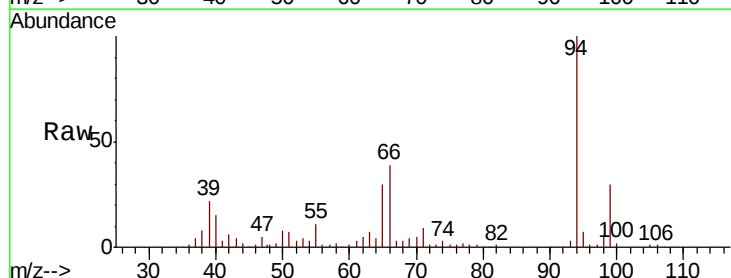
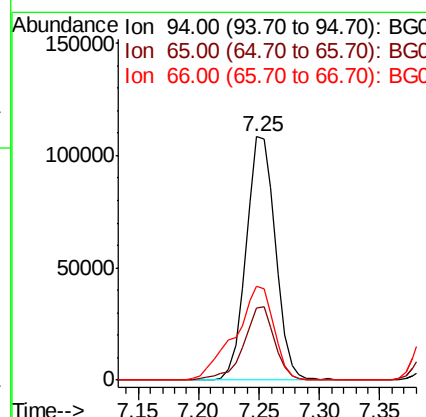
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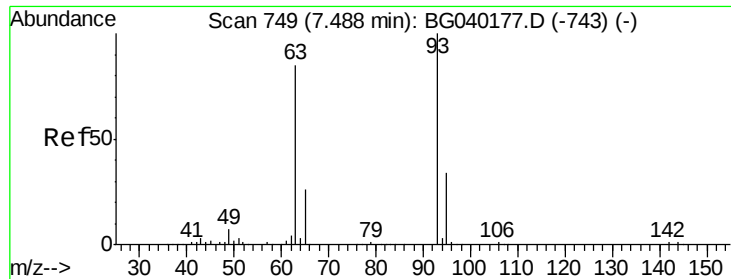
Delta R.T. -0.01 min

Lab File: BG040200.D

Acq: 28 Mar 2019 15:03

Tgt Ion	Ratio	Lower	Upper
94	100		
65	29.6	10.5	50.5
66	38.8	16.9	56.9





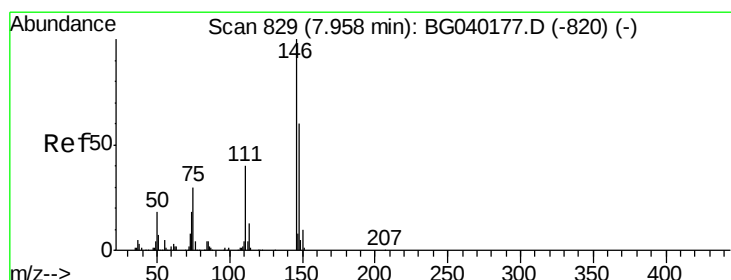
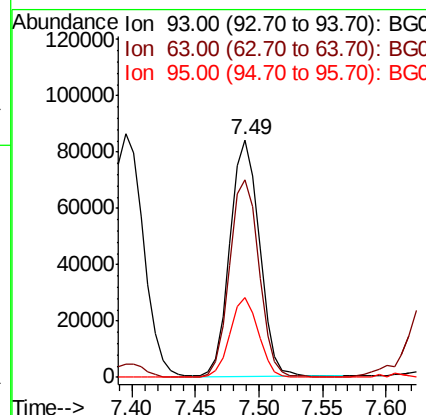
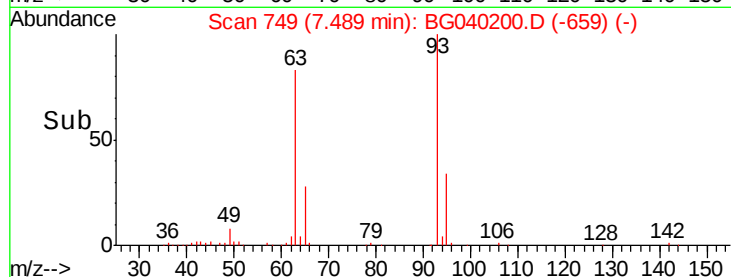
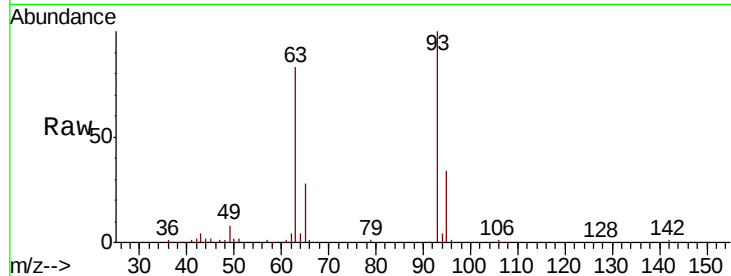
#11
bis(2-Chloroethyl)ether
Concen: 36.748 ng
RT: 7.49 min Scan# 749
Delta R.T. 0.00 min
Lab File: BG040200.D
Acq: 28 Mar 2019 15:03

Instrument :
BNA_G
ClientSampleId :
PB118351BSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	83.2	64.2	104.2	
95	33.8	14.0	54.0	

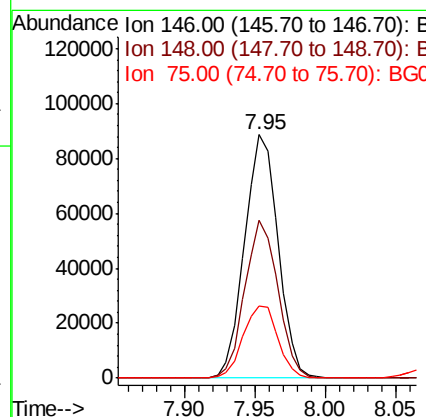
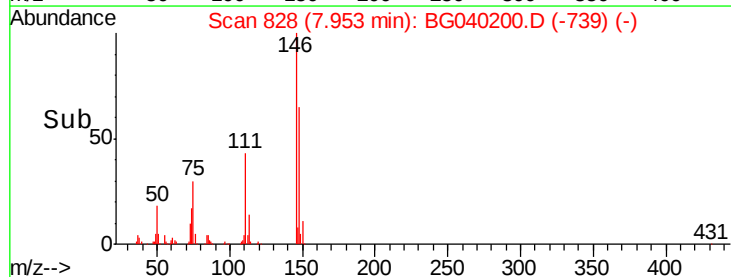
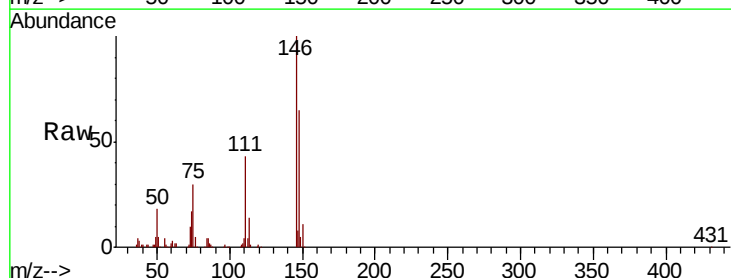
Manual Integrations
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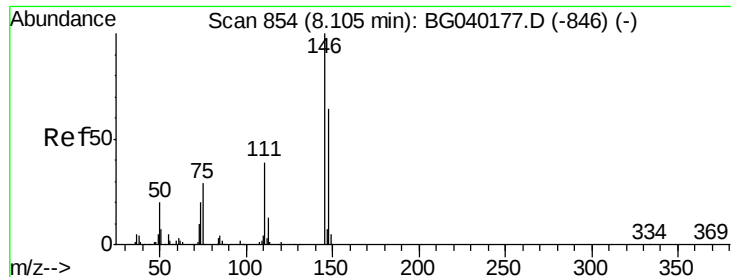
Sohil
3/29/2019 4:45:25 PM



#12
1,3-Dichlorobenzene
Concen: 37.979 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.01 min
Lab File: BG040200.D
Acq: 28 Mar 2019 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	64.7	48.2	72.2	
75	29.6	24.1	36.1	





#13

1,4-Dichlorobenzene

Concen: 38.635 ng

RT: 8.11 min Scan# 854

Delta R.T. 0.00 min

Lab File: BG040200.D

Acq: 28 Mar 2019 15:03

Instrument :

BNA_G

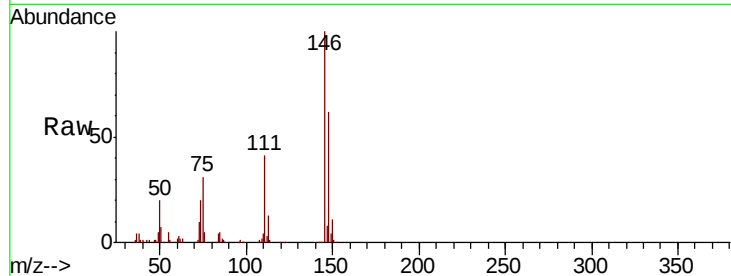
ClientSampleId :

PB118351BSD

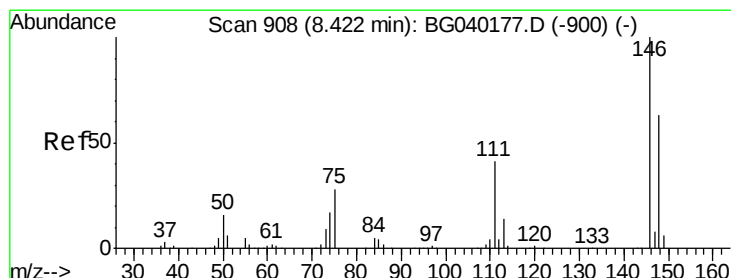
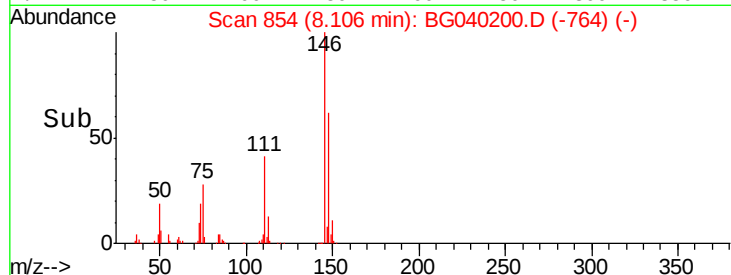
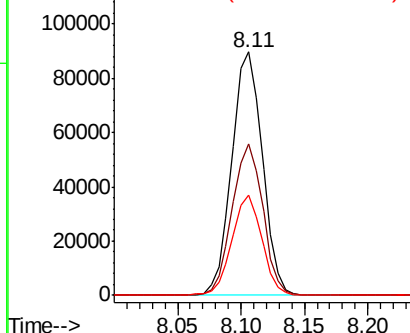
Tot Ion:	146	Resp:	149888
Ion Ratio	Lower	Upper	
146	100		
148	62.4	51.0	76.4
111	41.1	31.8	47.6

Manual Integrations
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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.582 ng

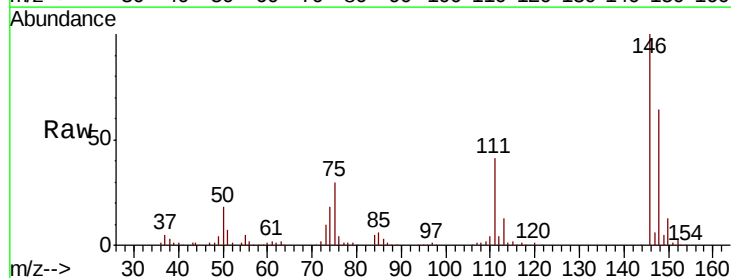
RT: 8.42 min Scan# 908

Delta R.T. 0.00 min

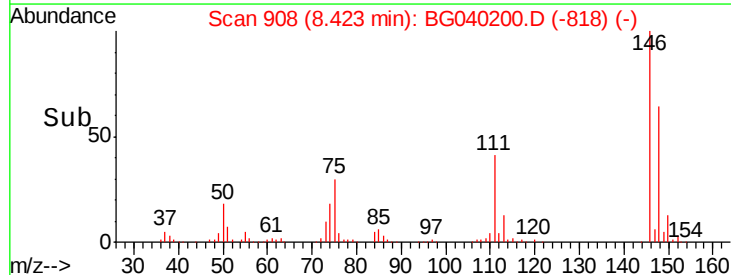
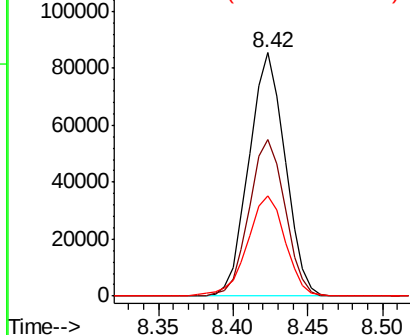
Lab File: BG040200.D

Acq: 28 Mar 2019 15:03

Tgt Ion:	146	Resp:	143142
Ion Ratio	Lower	Upper	
146	100		
148	64.1	50.8	76.2
111	41.2	33.4	50.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





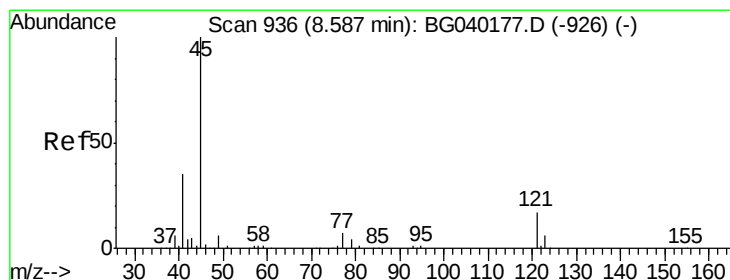
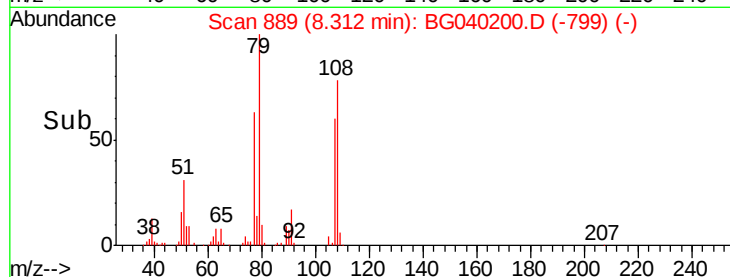
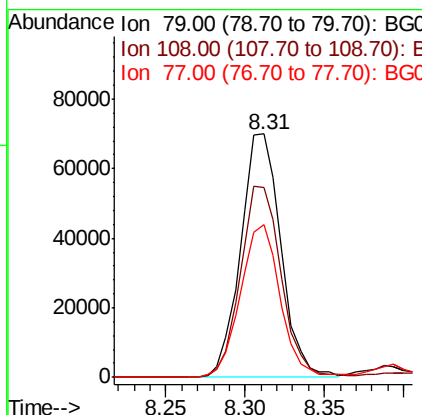
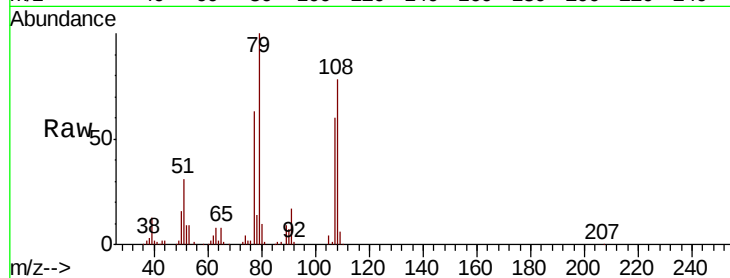
#15
Benzyl Alcohol
Concen: 36.234 ng
RT: 8.31 min Scan# 889
Delta R.T. 0.00 min
Lab File: BG040200.D
Acq: 28 Mar 2019 15:03

Instrument :
BNA_G
ClientSampleId :
PB118351BSD

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	78.0	62.1	93.1	
77	62.7	51.9	77.9	

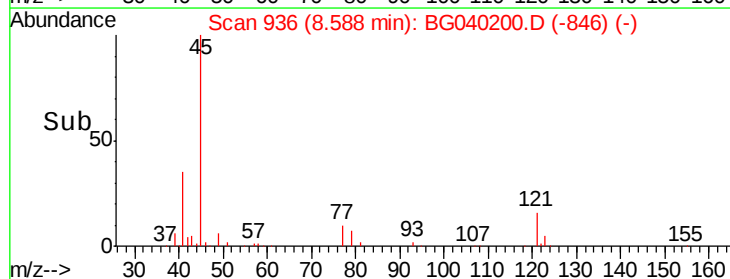
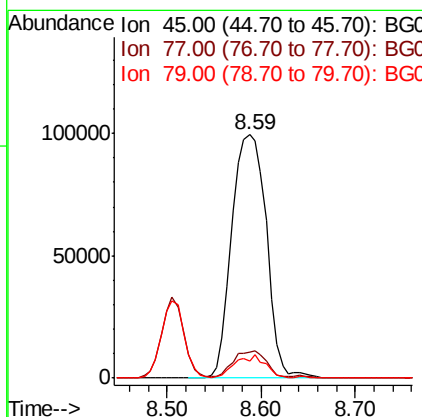
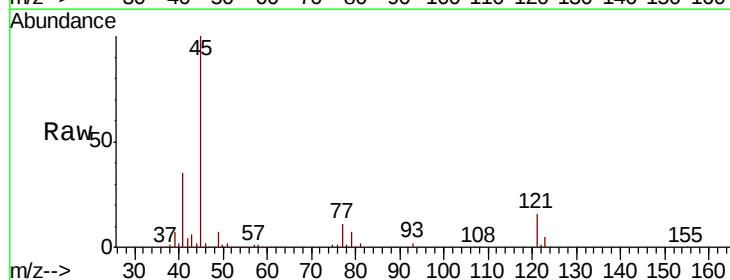
Manual Integrations
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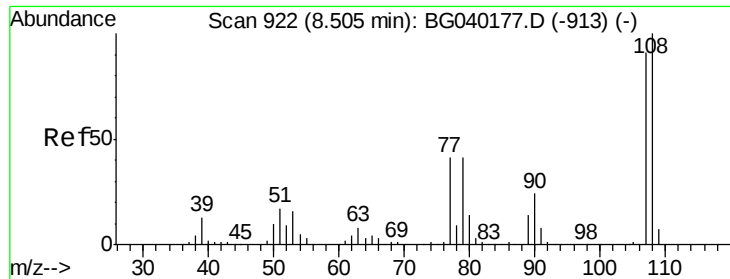
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.979 ng
RT: 8.59 min Scan# 936
Delta R.T. 0.00 min
Lab File: BG040200.D
Acq: 28 Mar 2019 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	10.8	0.0	31.4	
79	7.2	0.0	28.3	





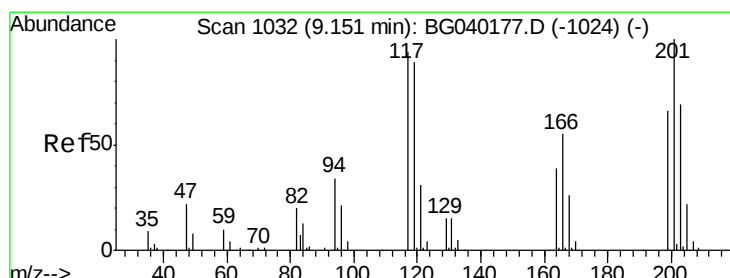
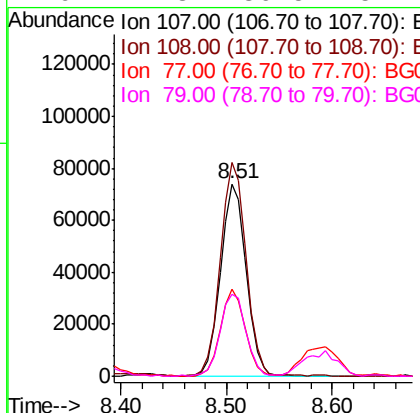
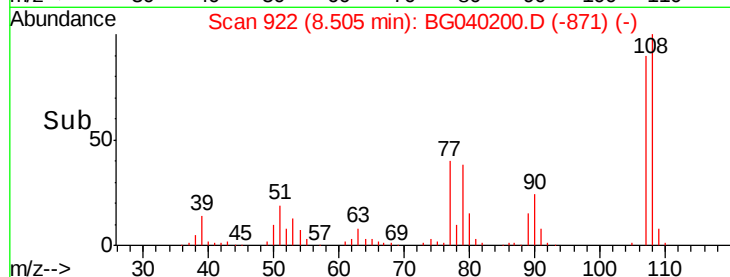
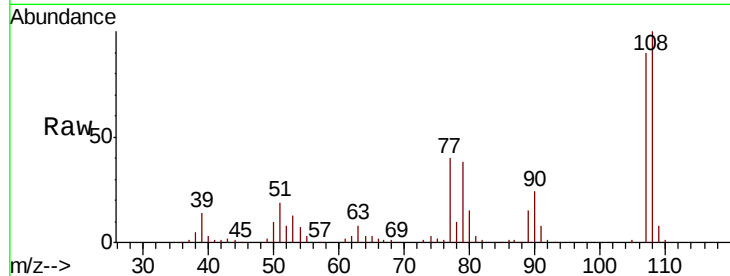
#17
2-Methylphenol
Concen: 39.407 ng
RT: 8.51 min Scan# 922
Delta R.T. 0.00 min
Lab File: BG040200.D
Acq: 28 Mar 2019 15:03

Instrument :
BNA_G
ClientSampleId :
PB118351BSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.1	88.2	132.4
77	45.0	36.6	55.0
79	42.3	36.5	54.7

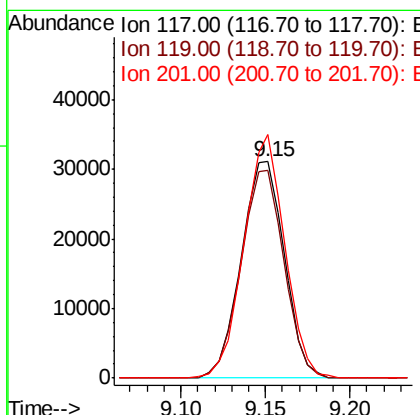
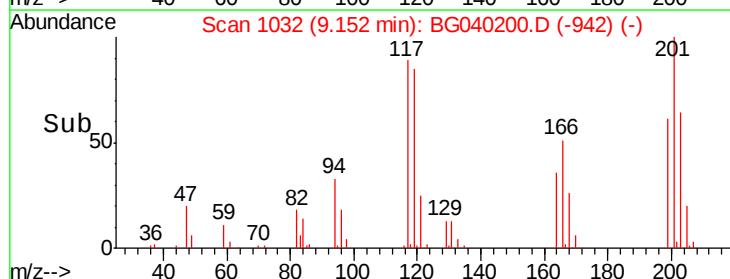
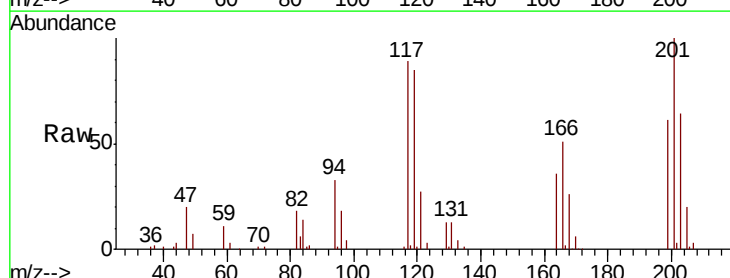
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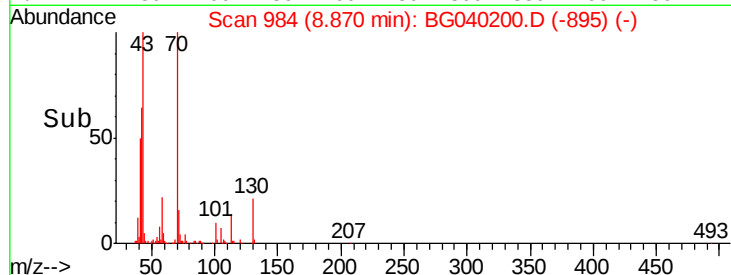
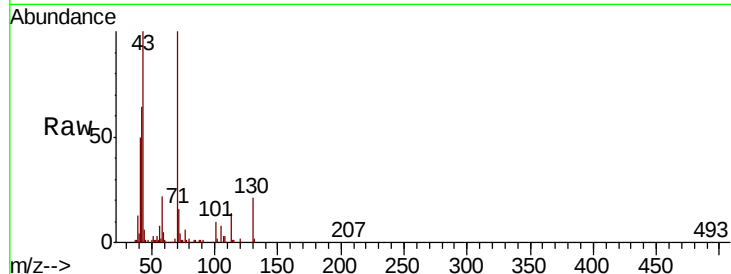
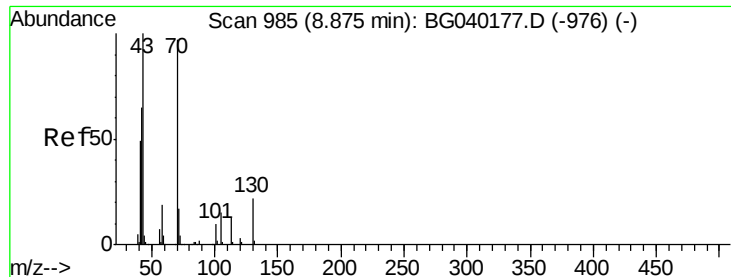
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#18
Hexachloroethane
Concen: 37.493 ng
RT: 9.15 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BG040200.D
Acq: 28 Mar 2019 15:03

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.0	76.6	115.0
201	109.8	85.0	127.4





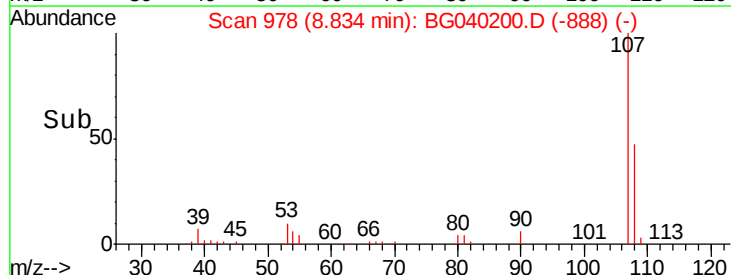
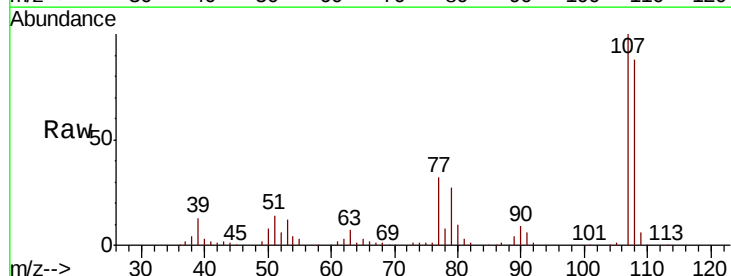
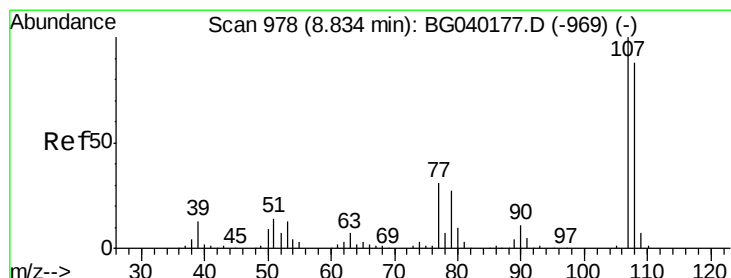
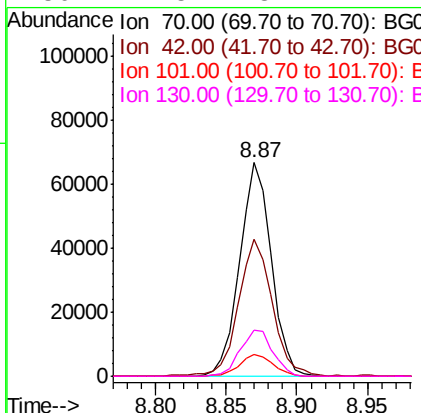
#19
n-Nitroso-di-n-propylamine
Concen: 34.504 ng
RT: 8.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BG040200.D
Acq: 28 Mar 2019 15:03

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	64.0	54.0	81.0	
101	10.2	8.6	13.0	
130	21.5	18.2	27.2	

Instrument :
BNA_G
ClientSampled :
PB118351BSD

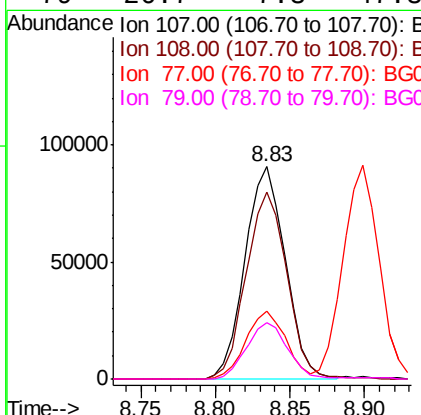
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#20
3+4-Methylphenols
Concen: 39.271 ng
RT: 8.83 min Scan# 978
Delta R.T. 0.00 min
Lab File: BG040200.D
Acq: 28 Mar 2019 15:03

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.2	68.3	108.3	
77	32.0	11.3	51.3	
79	26.7	7.3	47.3	





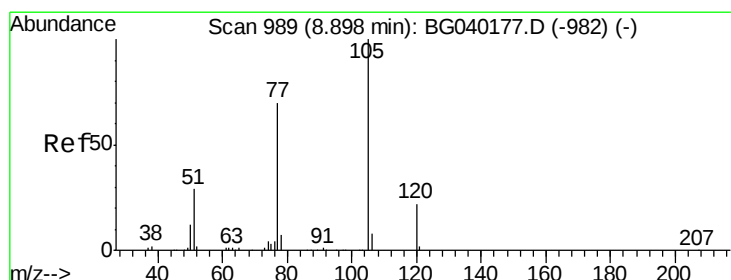
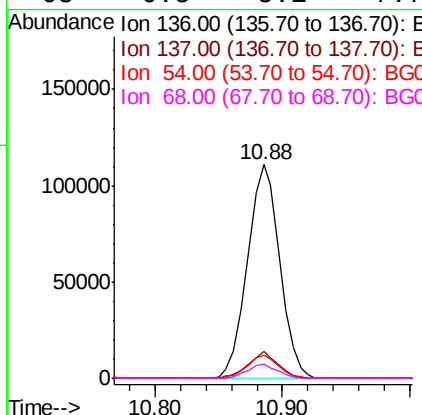
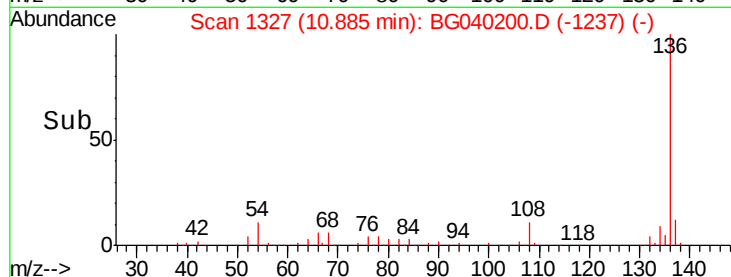
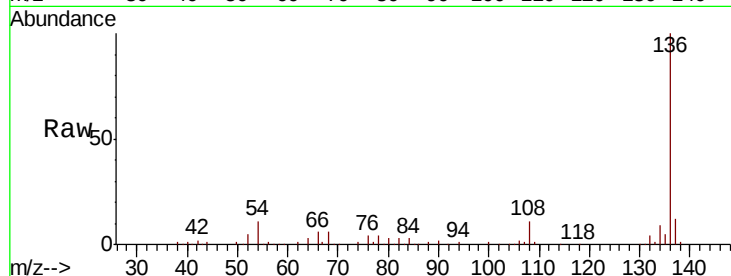
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BG040200.D
Acq: 28 Mar 2019 15:03

Instrument :
BNA_G
ClientSampleId :
PB118351BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	196124		
137	12.4	8.9	13.3	
54	11.0	9.6	14.4	
68	6.5	5.1	7.7	

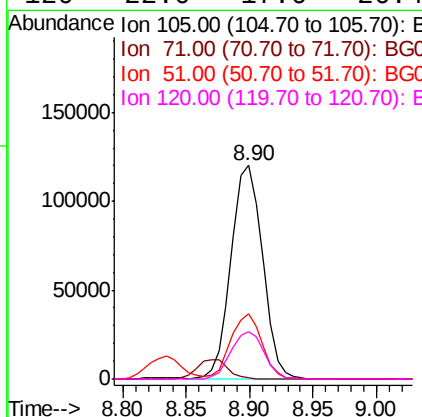
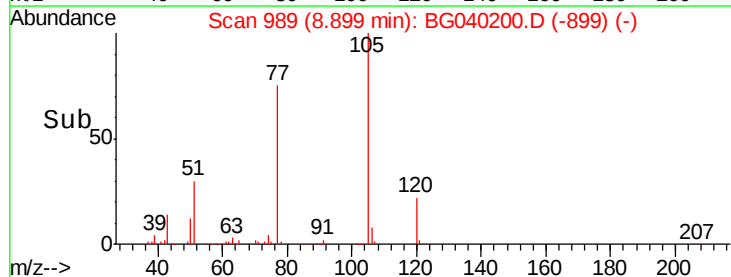
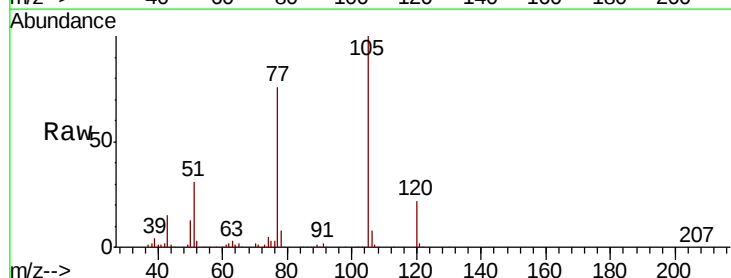
Manual Integrations
APPROVED

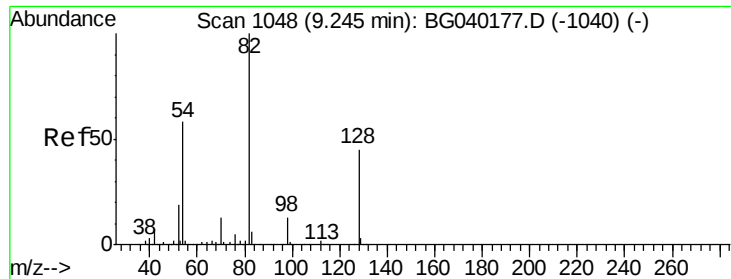
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#22
Acetophenone
Concen: 42.414 ng
RT: 8.90 min Scan# 989
Delta R.T. 0.00 min
Lab File: BG040200.D
Acq: 28 Mar 2019 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	207503		
71	0.6	0.6	1.0#	
51	30.6	25.1	37.7	
120	22.0	17.6	26.4	





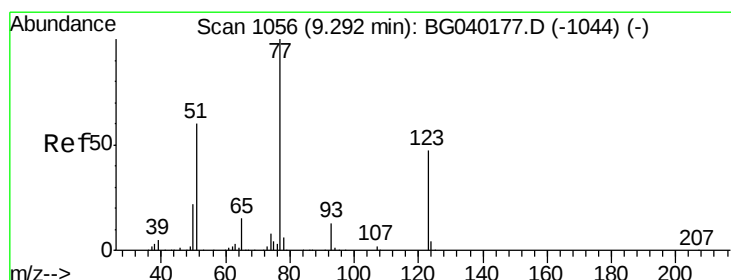
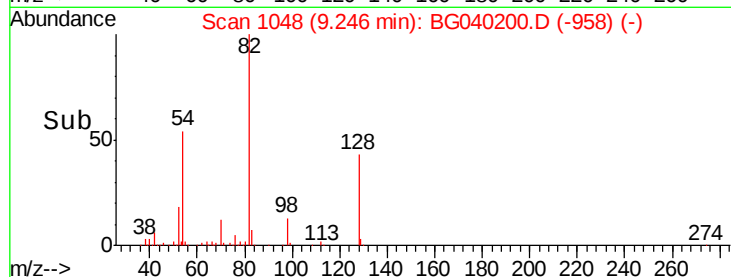
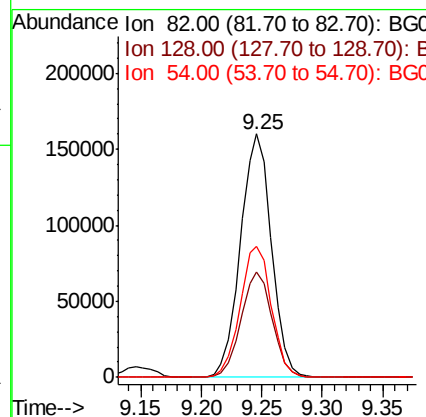
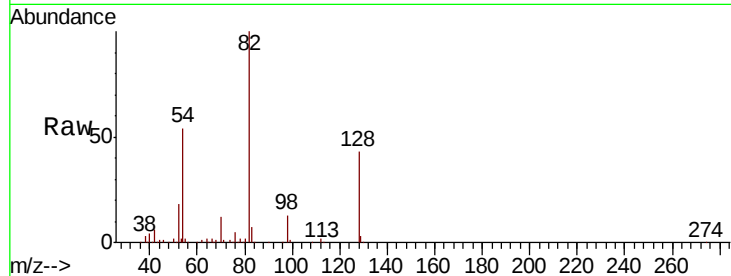
#23
Nitrobenzene-d5
Concen: 77.348 ng
RT: 9.25 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BG040200.D
Acq: 28 Mar 2019 15:03

Instrument :
BNA_G
ClientSampleId :
PB118351BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	285395		
128	43.1	35.8	53.8	
54	54.0	46.2	69.2	

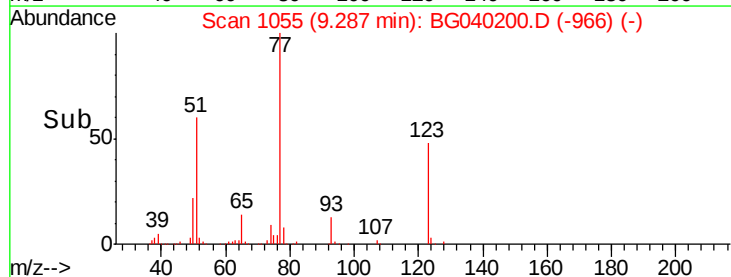
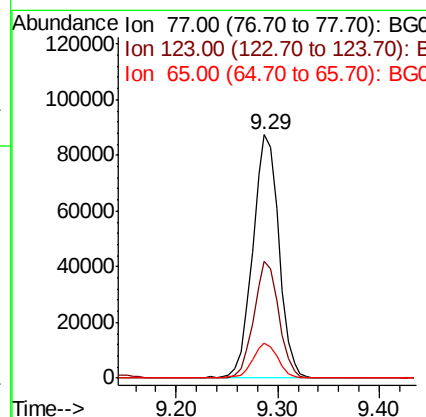
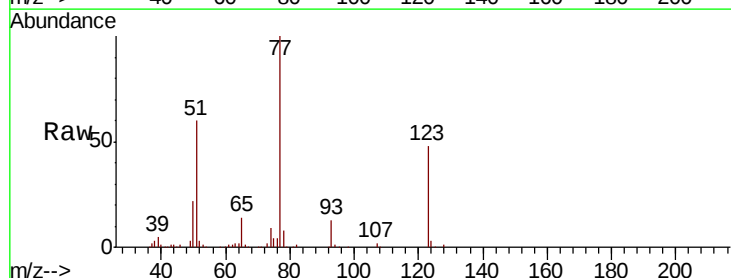
Manual Integrations
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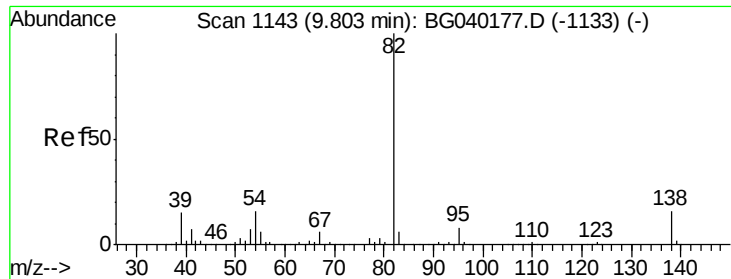
Sohil
3/29/2019 4:45:25 PM



#24
Nitrobenzene
Concen: 40.865 ng
RT: 9.29 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BG040200.D
Acq: 28 Mar 2019 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	156138		
123	48.0	37.8	56.6	
65	14.4	12.0	18.0	





#25

Isophorone

Concen: 39.296 ng

RT: 9.80 min Scan# 1142

Delta R.T. -0.01 min

Lab File: BG040200.D

Acq: 28 Mar 2019 15:03

Instrument :

BNA_G

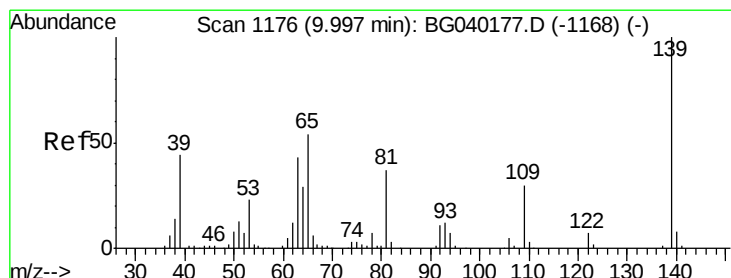
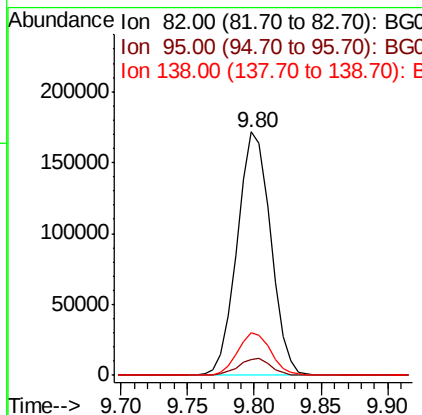
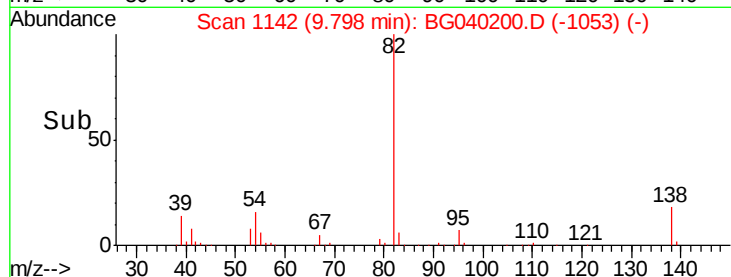
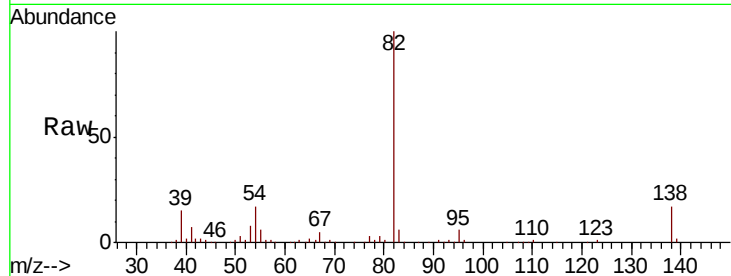
ClientSampleId :

PB118351BSD

Tot Ion:	82	Resp:	298337
Ion Ratio	Lower	Upper	
82	100		
95	6.5	6.1	9.1
138	17.5	13.2	19.8

Manual Integrations
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#26

2-Nitrophenol

Concen: 40.883 ng

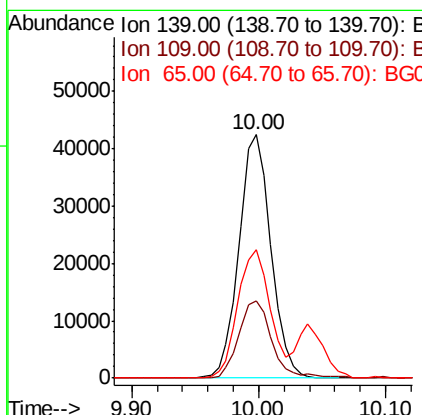
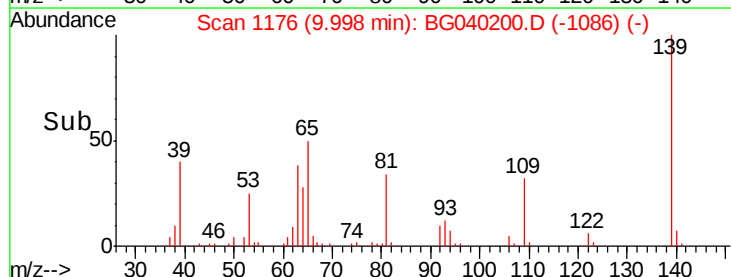
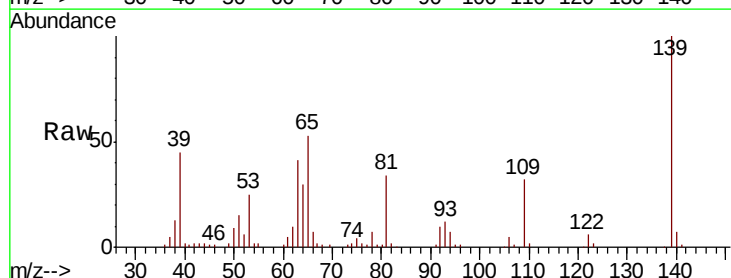
RT: 10.00 min Scan# 1176

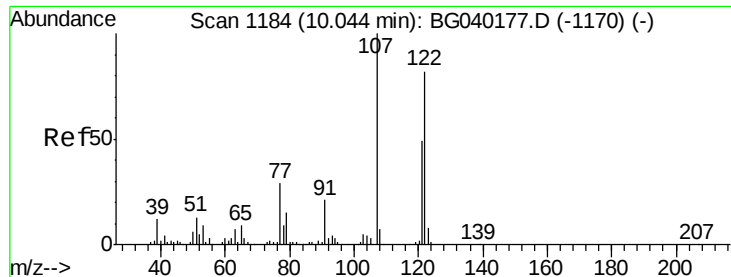
Delta R.T. 0.00 min

Lab File: BG040200.D

Acq: 28 Mar 2019 15:03

Tgt Ion:	139	Resp:	74017
Ion Ratio	Lower	Upper	
139	100		
109	31.9	24.1	36.1
65	52.8	43.0	64.6





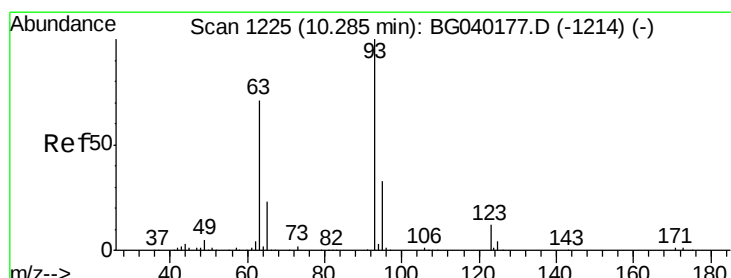
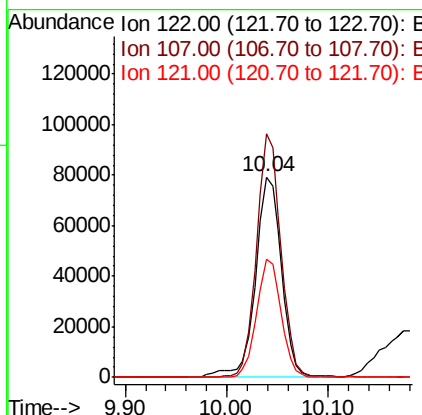
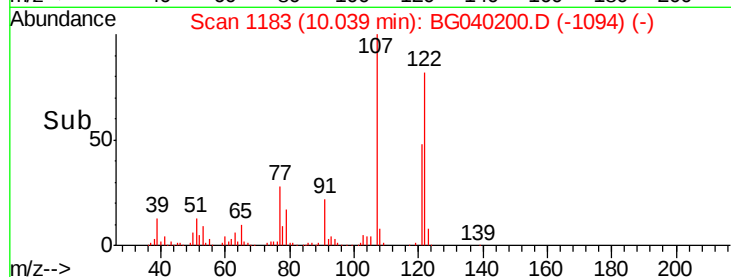
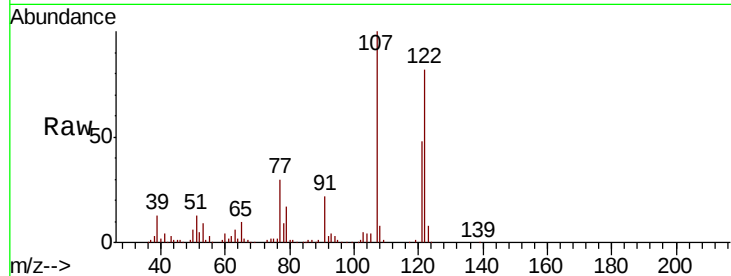
#27
2,4-Dimethylphenol
Concen: 48.988 ng
RT: 10.04 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BG040200.D
Acq: 28 Mar 2019 15:03

Instrument :
BNA_G
ClientSampleId :
PB118351BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	121.5	97.4	146.2
121	58.7	47.7	71.5

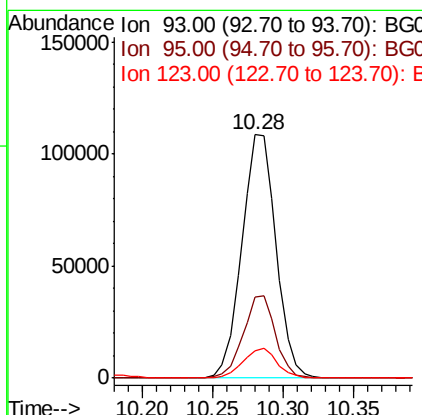
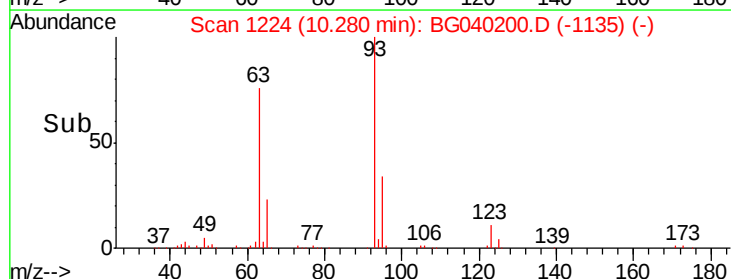
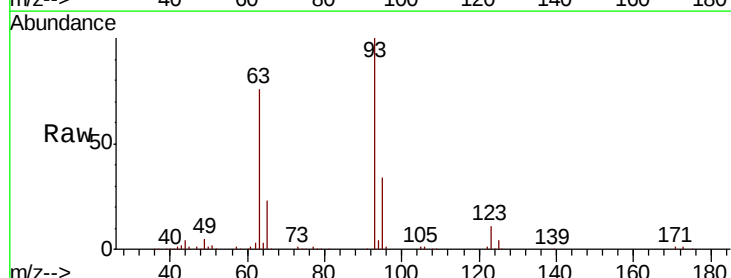
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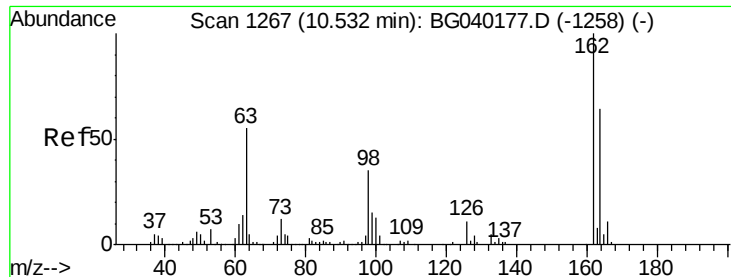
Sohil
3/29/2019 4:45:25 PM



#28
bis(2-Chloroethoxy)methane
Concen: 40.927 ng
RT: 10.28 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BG040200.D
Acq: 28 Mar 2019 15:03

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.5	26.2	39.4
123	11.1	9.4	14.0





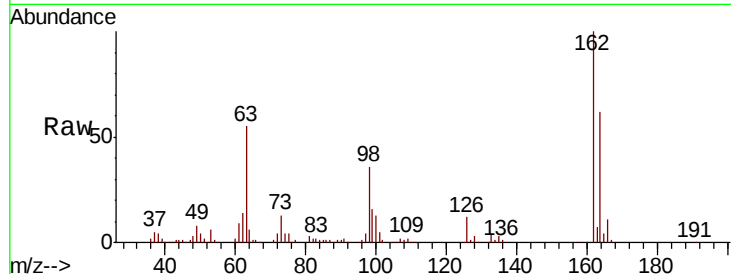
#29
2,4-Dichlorophenol
Concen: 43.641 ng
RT: 10.53 min Scan# 1266
Delta R.T. -0.01 min
Lab File: BG040200.D
Acq: 28 Mar 2019 15:03

Instrument :
BNA_G
ClientSampleId :
PB118351BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	61.9	43.9	83.9	
98	35.9	15.6	55.6	

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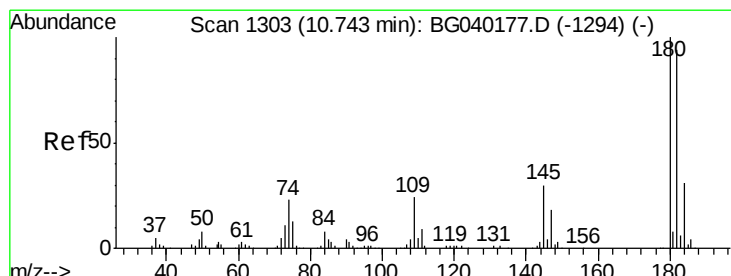
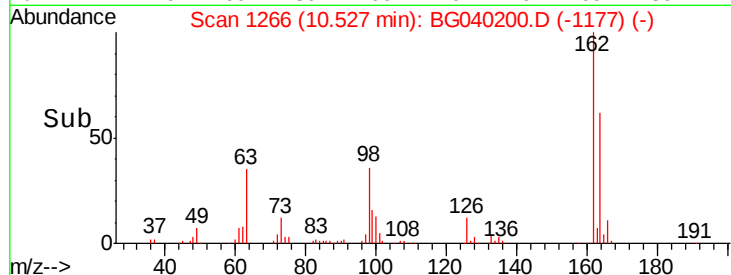
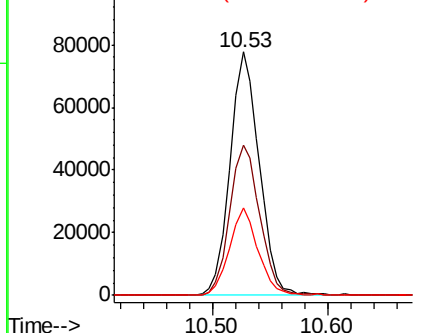


Abundance

Ion 162.00 (161.70 to 162.70): E

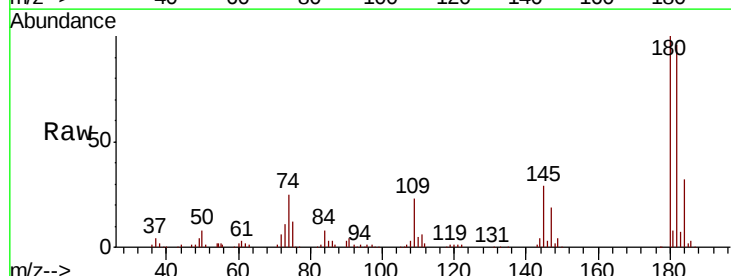
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
1,2,4-Trichlorobenzene
Concen: 42.091 ng
RT: 10.74 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BG040200.D
Acq: 28 Mar 2019 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	96.3	75.1	112.7	
145	29.3	24.1	36.1	

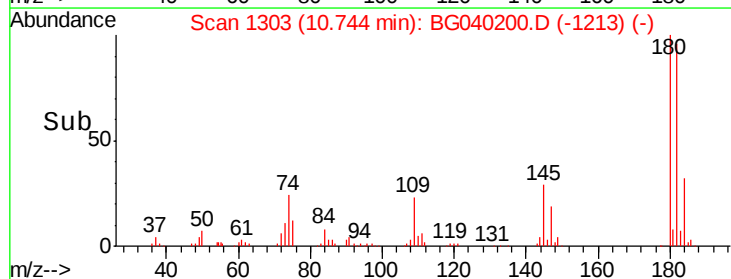
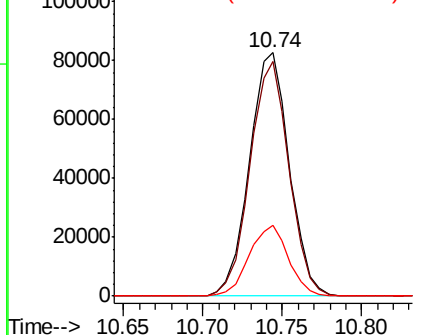


Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





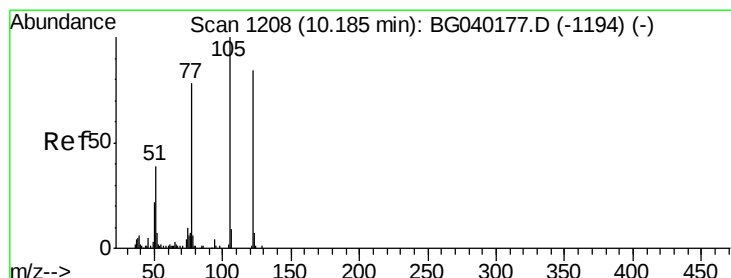
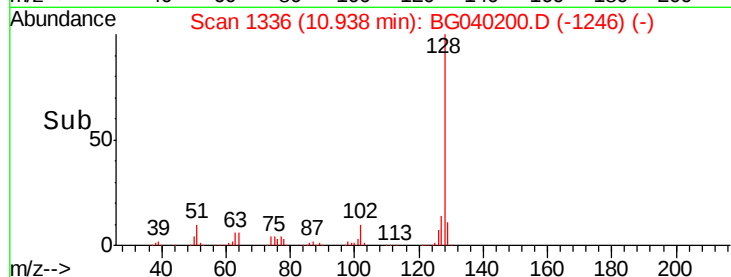
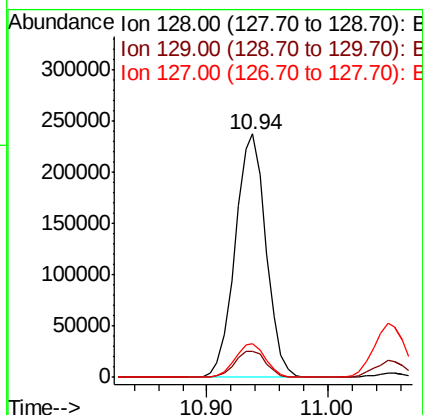
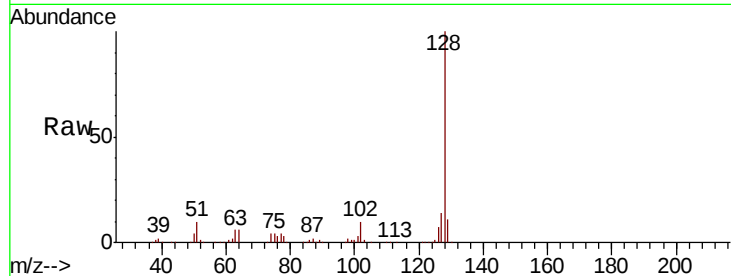
#31
Naphthalene
Concen: 41.906 ng
RT: 10.94 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BG040200.D
Acq: 28 Mar 2019 15:03

Instrument :
BNA_G
ClientSampleId :
PB118351BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.9	13.3
127	13.7	11.4	17.0

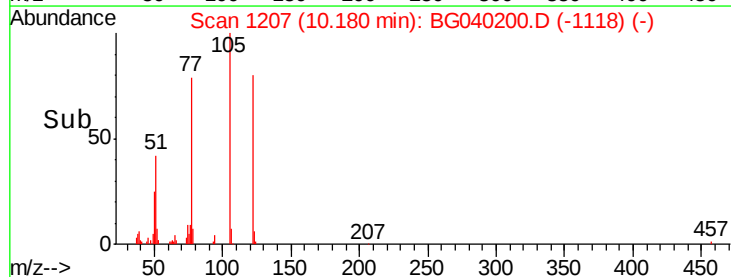
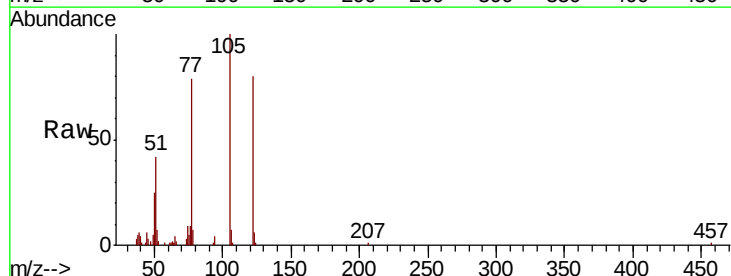
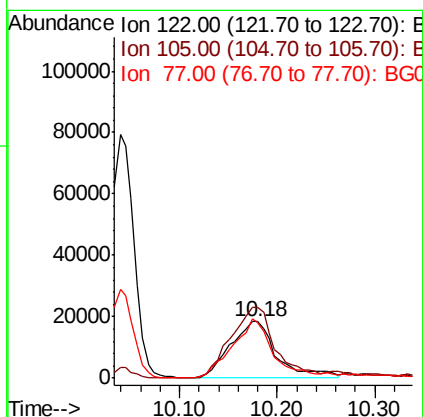
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#32
Benzoic acid
Concen: 34.198 ng
RT: 10.18 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BG040200.D
Acq: 28 Mar 2019 15:03

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.8	98.2	138.2
77	98.8	73.6	113.6





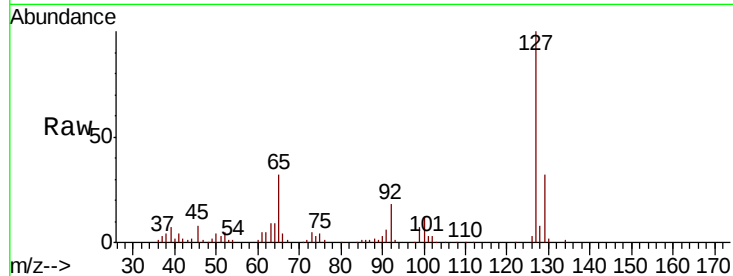
#33
4-Chloroaniline
Concen: 22.663 ng
RT: 11.05 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BG040200.D
Acq: 28 Mar 2019 15:03

Instrument :
BNA_G
ClientSampleId :
PB118351BSD

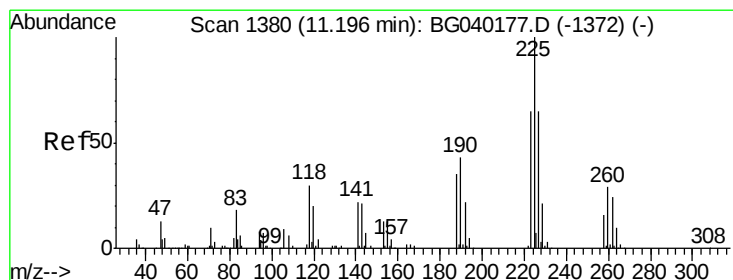
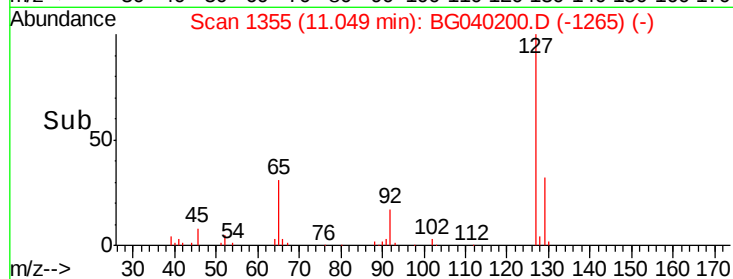
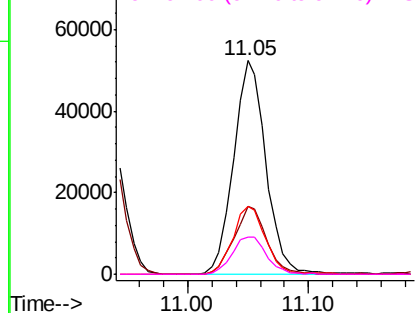
Tot Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.6	40.0
65	31.8	27.0	40.4
92	17.5	16.6	25.0

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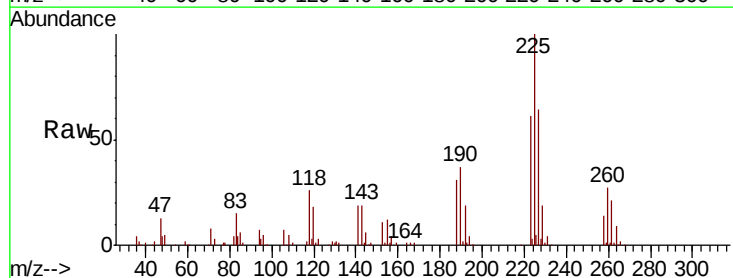


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

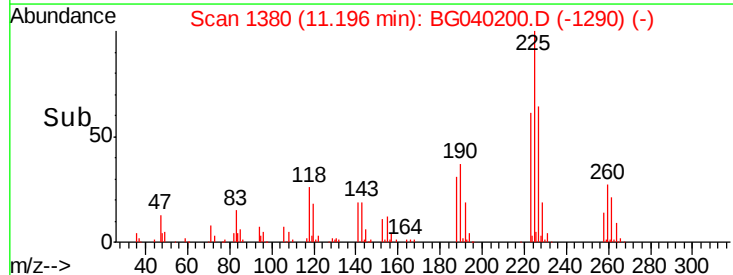
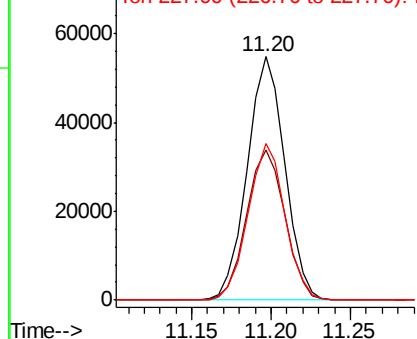


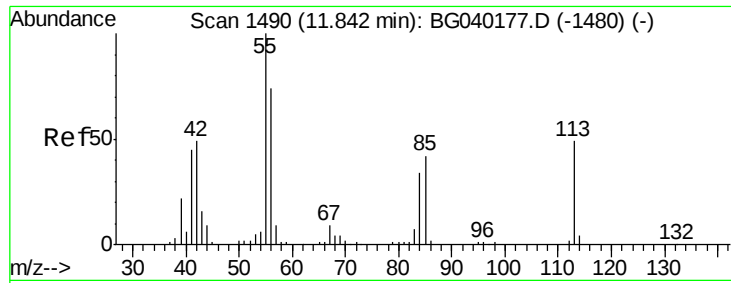
#34
Hexachlorobutadiene
Concen: 41.157 ng
RT: 11.20 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BG040200.D
Acq: 28 Mar 2019 15:03

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.5	51.8	77.8
227	64.3	54.9	82.3



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





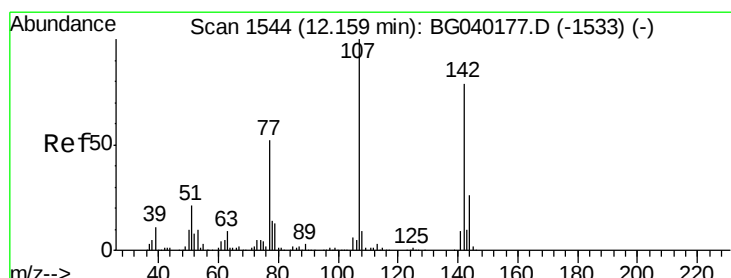
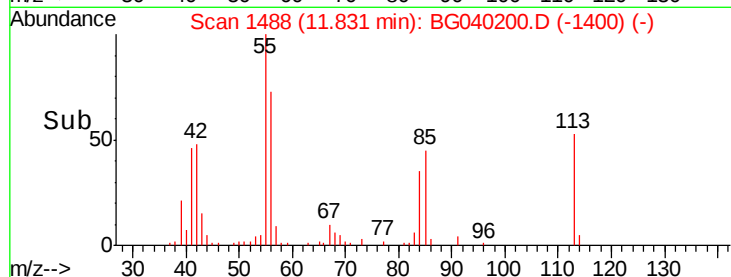
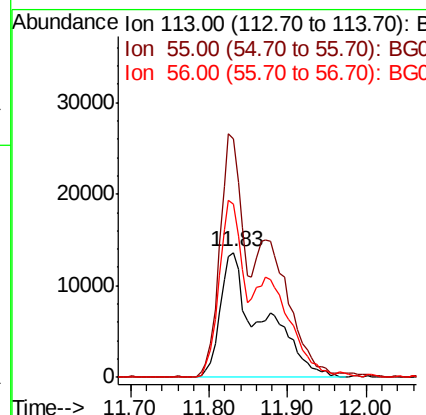
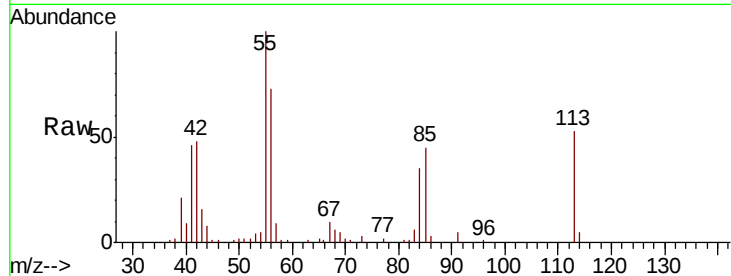
#35
Caprolactam
Concen: 40.895 ng/ml
RT: 11.83 min Scan# 1488
Delta R.T. -0.01 min
Lab File: BG040200.D
Acq: 28 Mar 2019 15:03

Instrument :
BNA_G
ClientSampleID :
PB118351BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	190.3	184.2	224.2
56	138.6	131.3	171.3

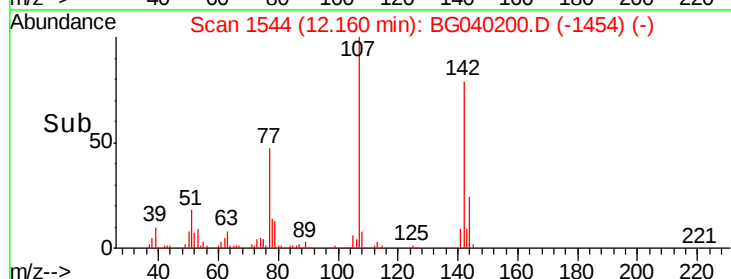
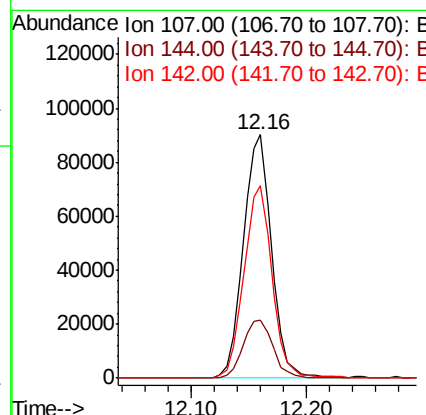
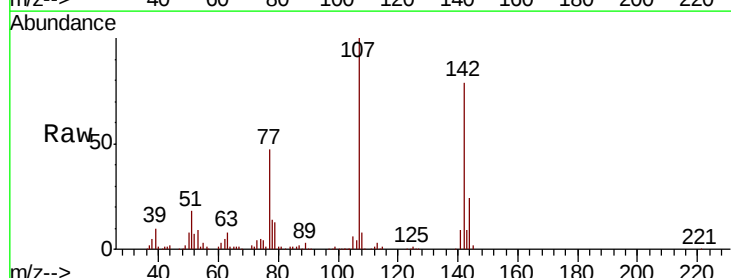
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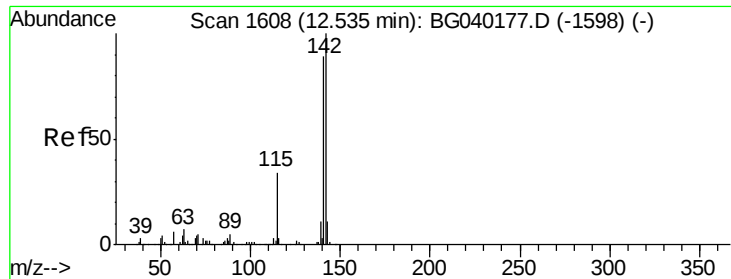
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#36
4-Chloro-3-methylphenol
Concen: 42.558 ng/ml
RT: 12.16 min Scan# 1544
Delta R.T. 0.00 min
Lab File: BG040200.D
Acq: 28 Mar 2019 15:03

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.7	20.5	30.7
142	78.8	63.1	94.7





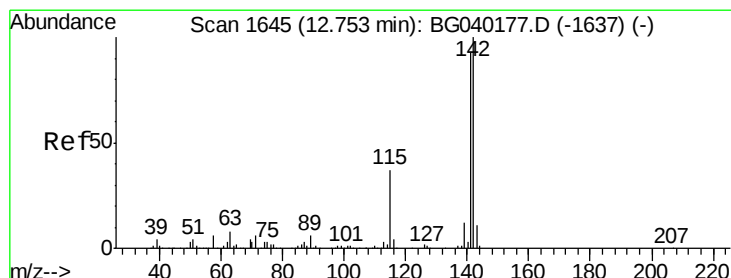
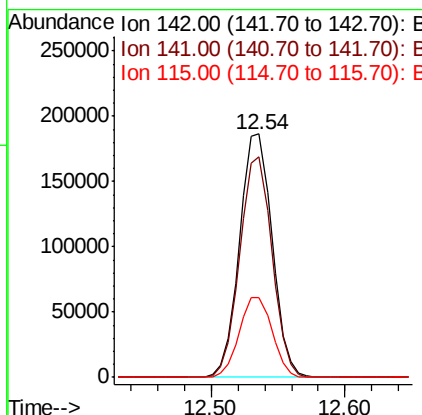
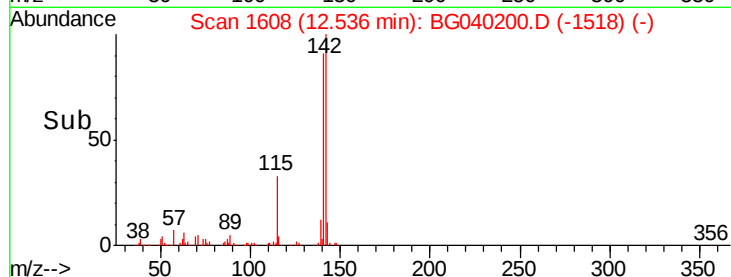
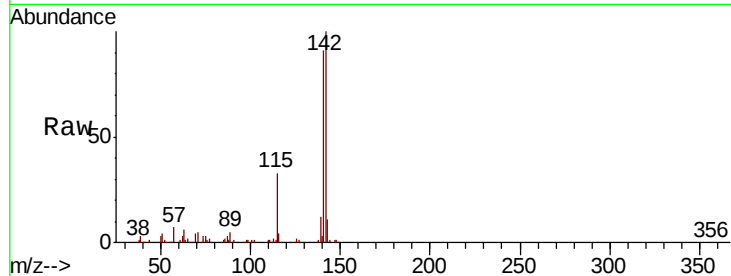
#37
2-Methylnaphthalene
Concen: 42.388 ng
RT: 12.54 min Scan# 1608
Delta R.T. 0.00 min
Lab File: BG040200.D
Acq: 28 Mar 2019 15:03

Instrument :
BNA_G
ClientSampleId :
PB118351BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.7	71.0	106.6
115	32.8	27.3	40.9

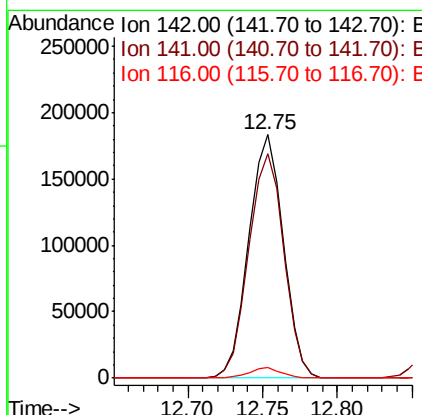
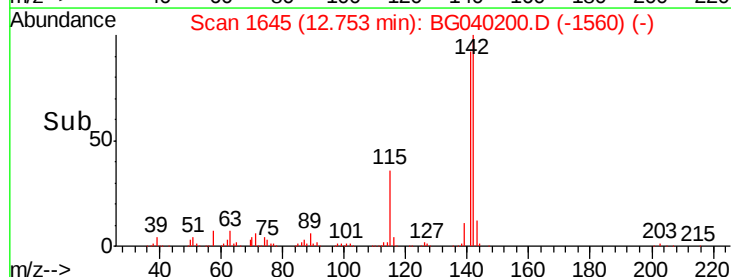
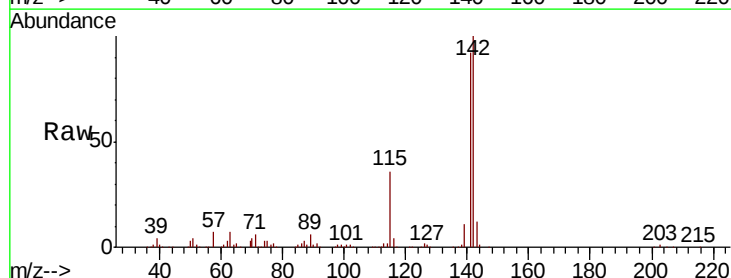
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#38
1-Methylnaphthalene
Concen: 40.831 ng
RT: 12.75 min Scan# 1645
Delta R.T. 0.00 min
Lab File: BG040200.D
Acq: 28 Mar 2019 15:03

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.1	74.2	111.4
116	4.2	3.0	4.4





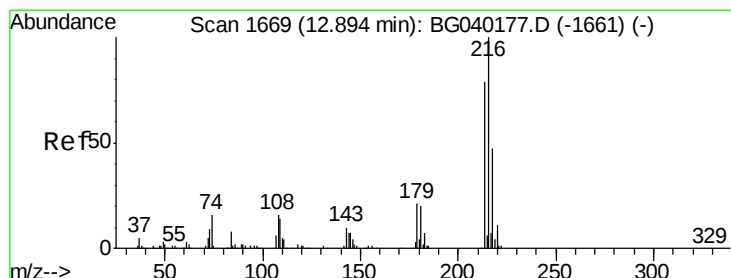
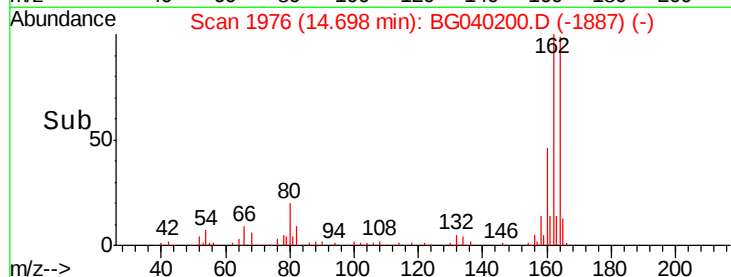
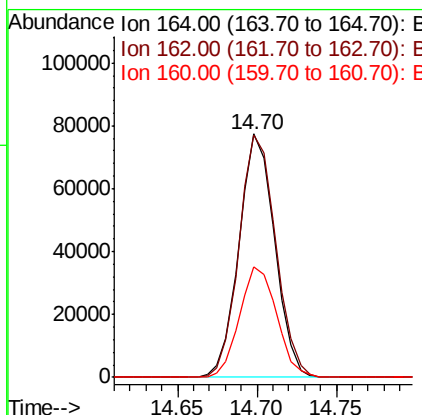
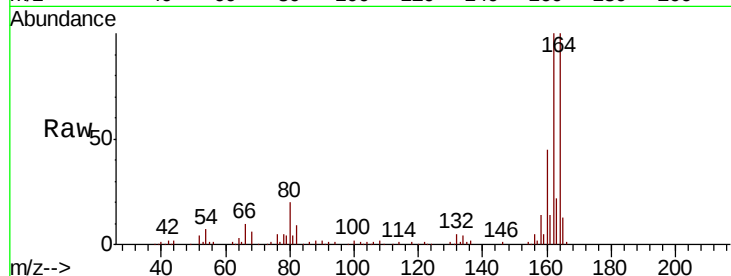
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BG040200.D
Acq: 28 Mar 2019 15:03

Instrument :
BNA_G
ClientSampleId :
PB118351BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.8	77.4	116.2
160	45.4	35.3	52.9

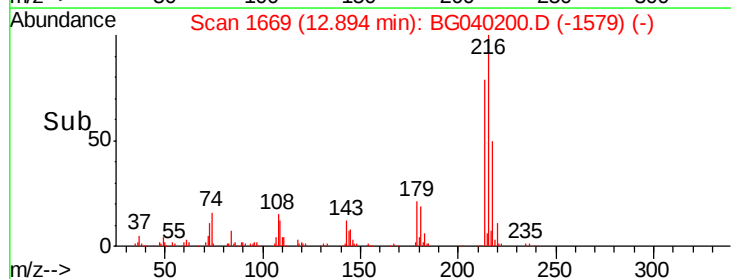
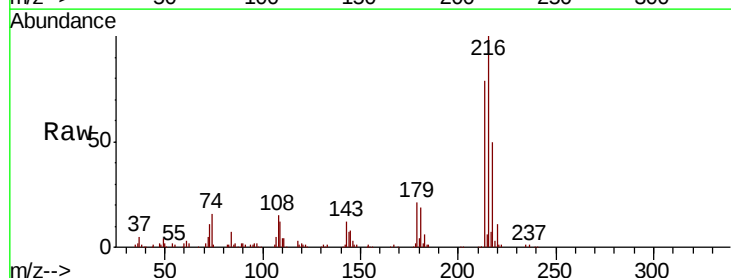
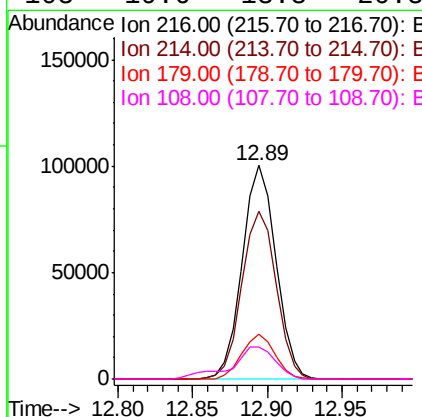
Manual Integrations
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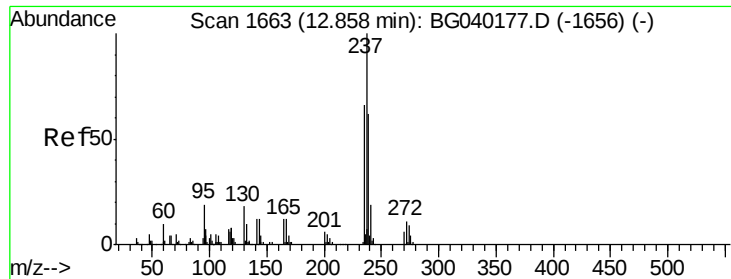
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.843 ng
RT: 12.89 min Scan# 1669
Delta R.T. 0.00 min
Lab File: BG040200.D
Acq: 28 Mar 2019 15:03

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.1	63.5	95.3
179	20.7	16.6	25.0
108	19.6	13.8	20.8





#41

Hexachlorocyclopentadiene

Concen: 100.791 ng

RT: 12.86 min Scan# 1663

Delta R.T. 0.00 min

Lab File: BG040200.D

Acq: 28 Mar 2019 15:03

Instrument :

BNA_G

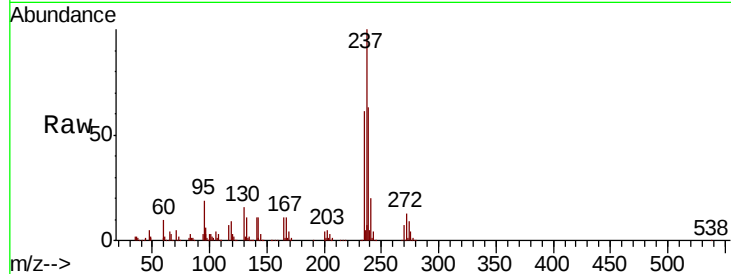
ClientSampleId :

PB118351BSD

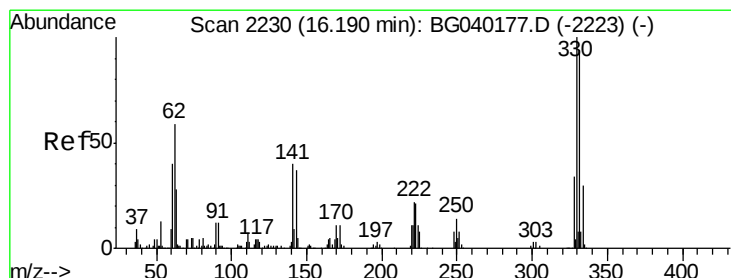
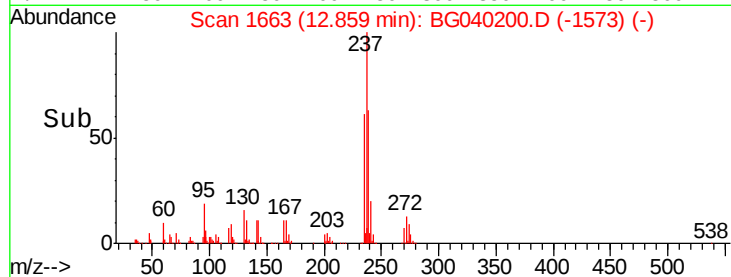
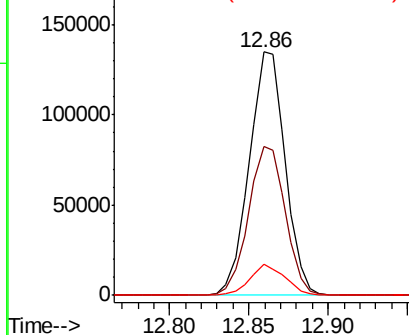
Tot Ion:	237	Resp:	212534
Ion Ratio	Lower	Upper	
237	100		
235	60.9	46.2	86.2
272	12.6	0.0	30.5

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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: 144.614 ng

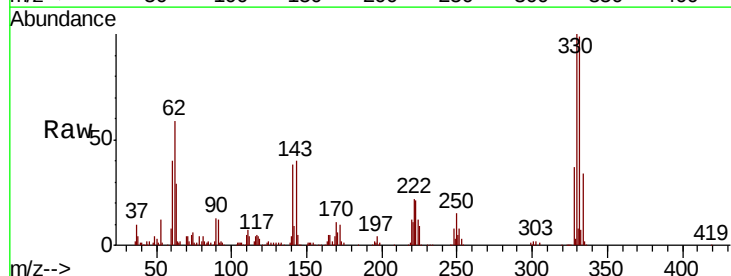
RT: 16.19 min Scan# 2230

Delta R.T. 0.00 min

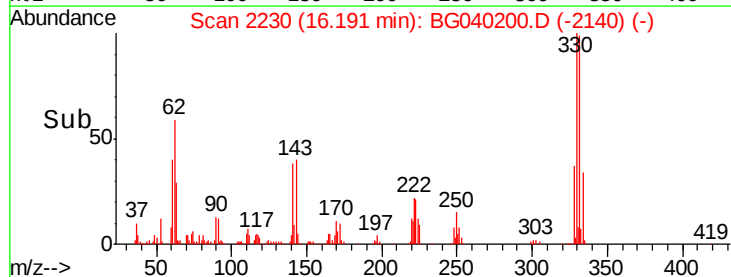
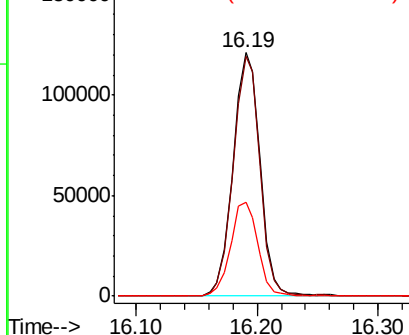
Lab File: BG040200.D

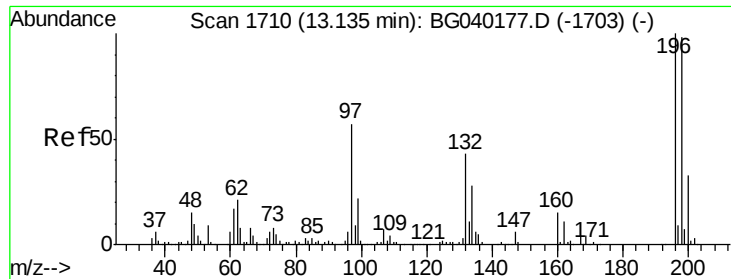
Acq: 28 Mar 2019 15:03

Tgt Ion:	330	Resp:	188845
Ion Ratio	Lower	Upper	
330	100		
332	97.5	76.6	115.0
141	38.9	32.6	48.8



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





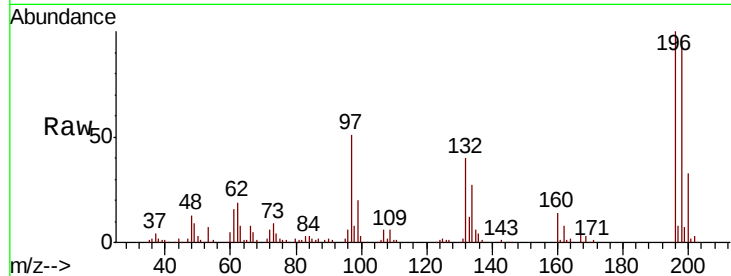
#43
 2,4,6-Trichlorophenol
 Concen: 43.862 ng
 RT: 13.14 min Scan# 1710
 Delta R.T. 0.00 min
 Lab File: BG040200.D
 Acq: 28 Mar 2019 15:03

Instrument :
 BNA_G
 ClientSampled :
 PB118351BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	108603		
198	95.6	78.3	117.5	
200	33.1	26.0	39.0	

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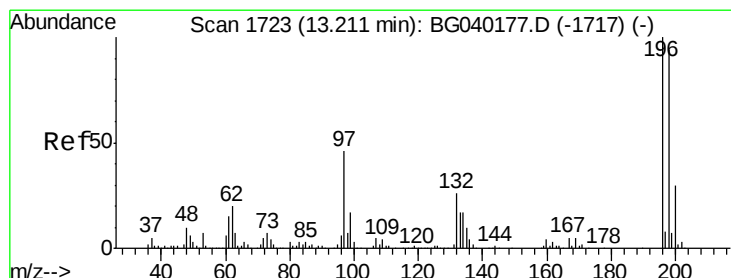
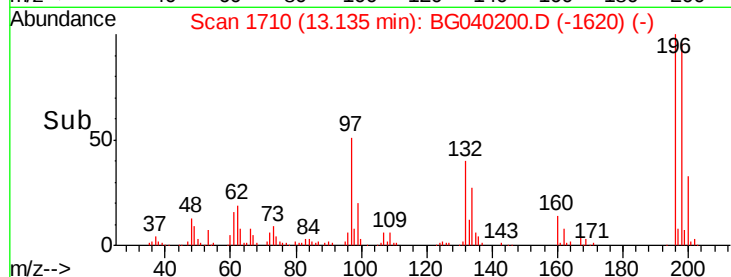
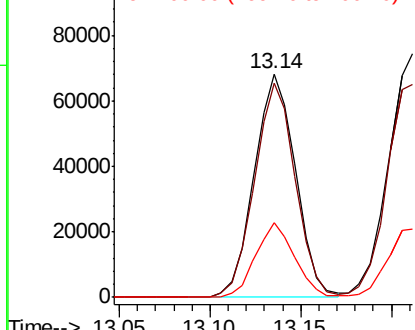


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 44.679 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. 0.00 min
 Lab File: BG040200.D
 Acq: 28 Mar 2019 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	120581		
198	87.4	75.0	112.6	
97	43.3	37.3	55.9	
132	24.7	20.9	31.3	

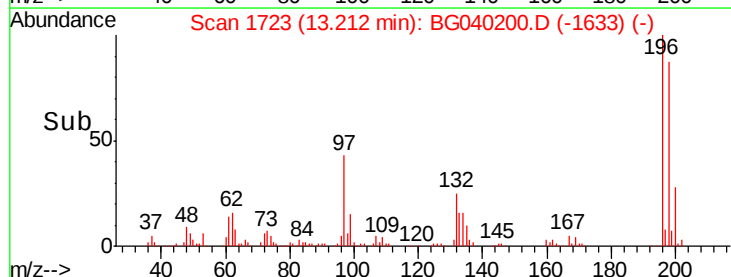
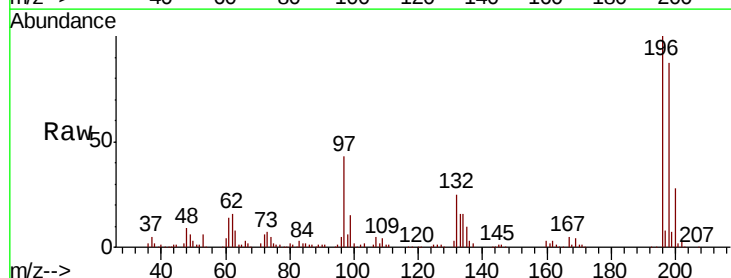
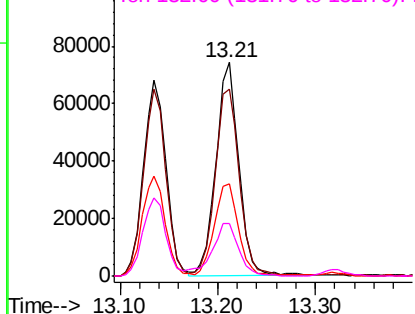
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E





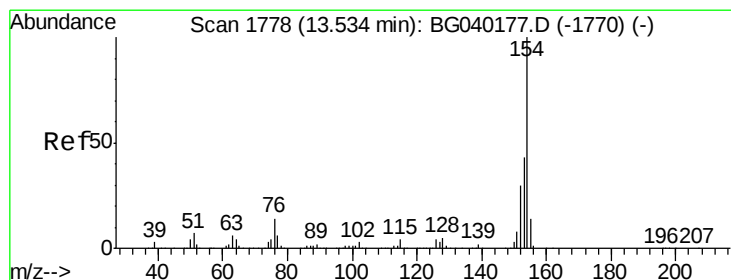
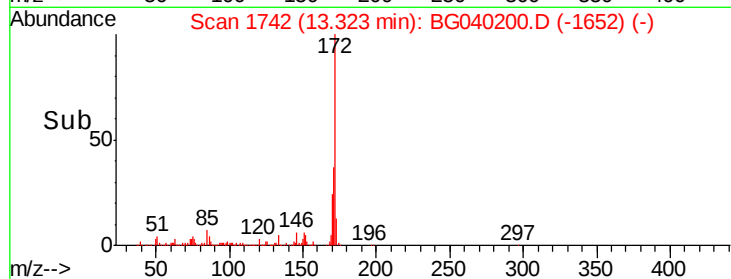
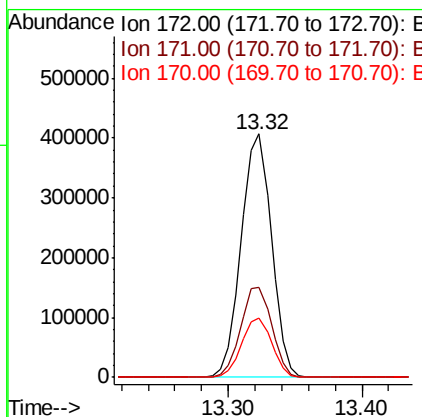
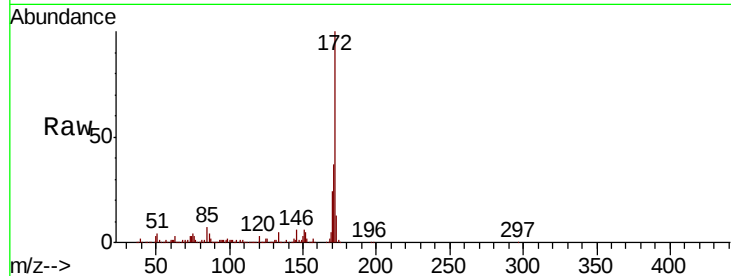
#45
2-Fluorobiphenyl
Concen: 78.484 ng
RT: 13.32 min Scan# 1742
Delta R.T. 0.00 min
Lab File: BG040200.D
Acq: 28 Mar 2019 15:03

Instrument :
BNA_G
ClientSampled :
PB118351BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.5	45.7
170	24.5	20.1	30.1

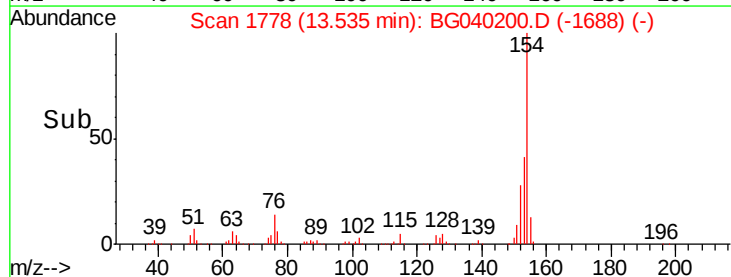
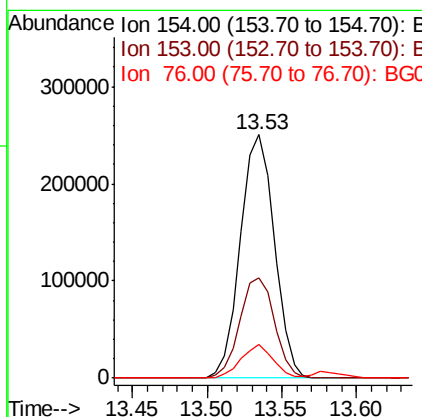
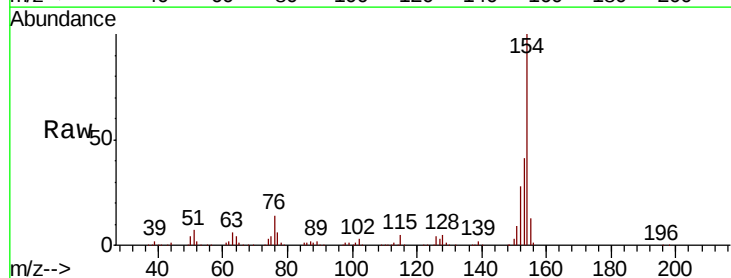
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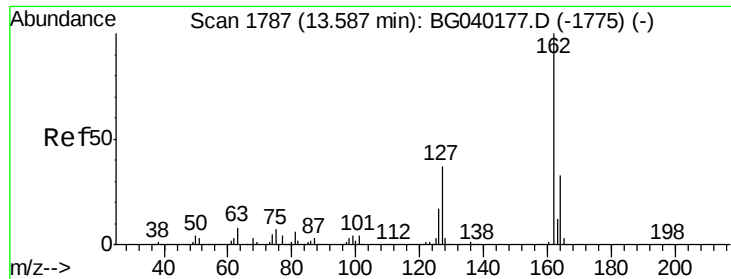
Sohil
3/29/2019 4:45:25 PM



#46
1,1'-Biphenyl
Concen: 41.503 ng
RT: 13.53 min Scan# 1778
Delta R.T. 0.00 min
Lab File: BG040200.D
Acq: 28 Mar 2019 15:03

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	22.5	62.5
76	13.7	0.0	33.7





#47

2-Chloronaphthalene

Concen: 41.743 ng

RT: 13.58 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BG040200.D

Acq: 28 Mar 2019 15:03

Instrument :

BNA_G

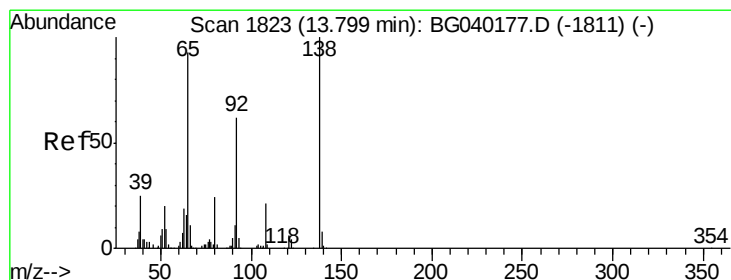
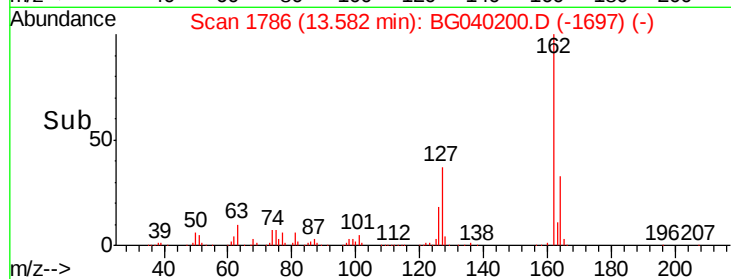
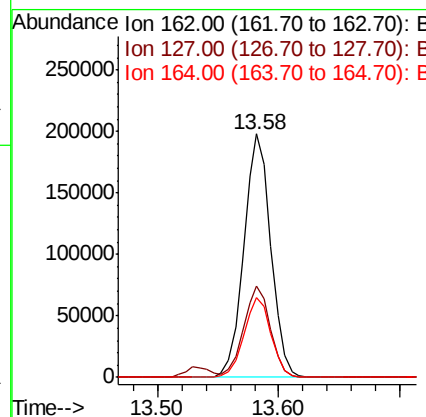
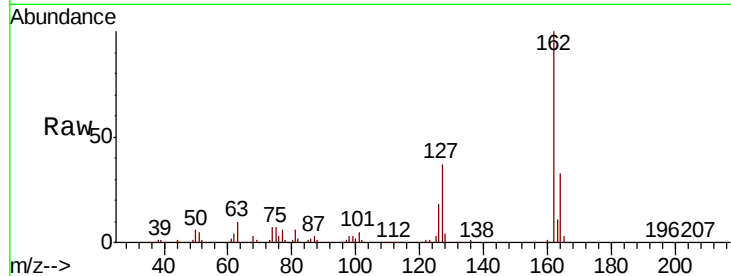
ClientSampled :

PB118351BSD

Tot Ion:	162	Resp:	305694
Ion Ratio	Lower	Upper	
162	100		
127	37.5	30.6	45.8
164	32.9	26.2	39.4

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#48

2-Nitroaniline

Concen: 41.569 ng

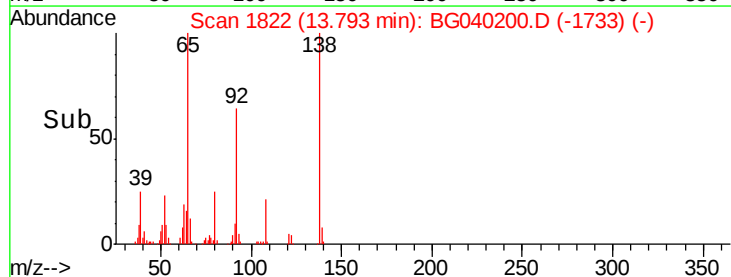
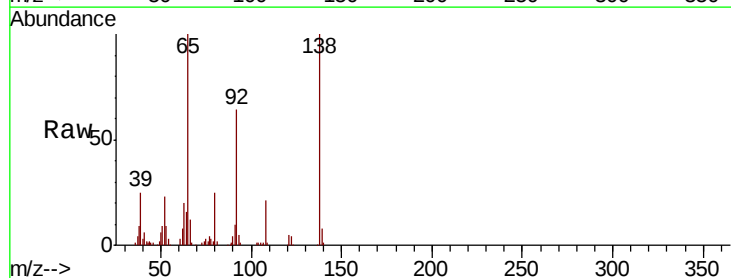
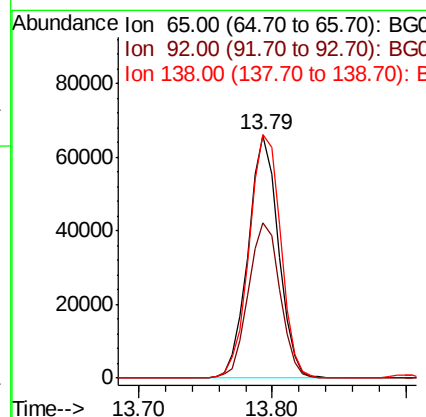
RT: 13.79 min Scan# 1822

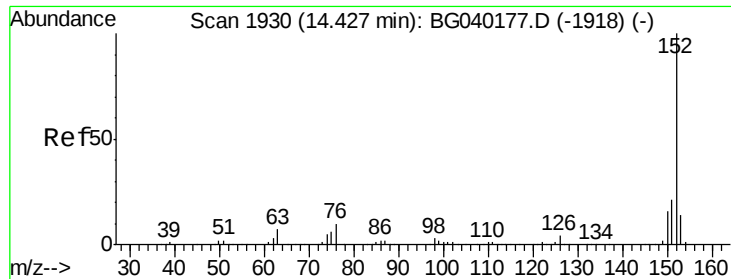
Delta R.T. -0.01 min

Lab File: BG040200.D

Acq: 28 Mar 2019 15:03

Tgt Ion:	65	Resp:	102683
Ion Ratio	Lower	Upper	
65	100		
92	63.9	53.8	80.6
138	100.4	86.3	129.5





#49

Acenaphthylene

Concen: 41.640 ng

RT: 14.43 min Scan# 1930

Delta R.T. 0.00 min

Lab File: BG040200.D

Acq: 28 Mar 2019 15:03

Instrument :

BNA_G

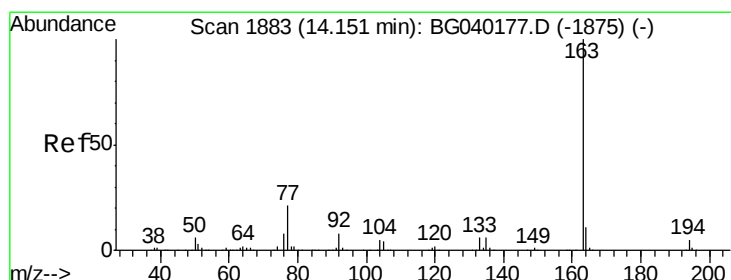
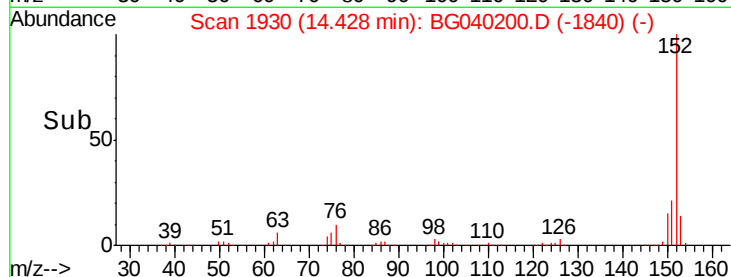
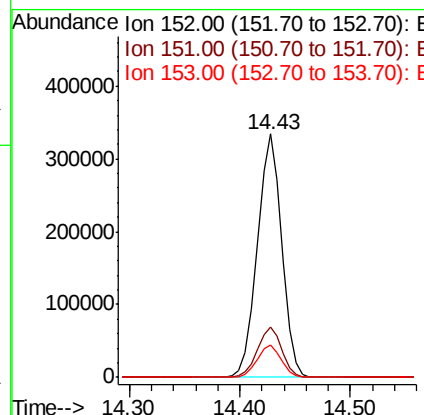
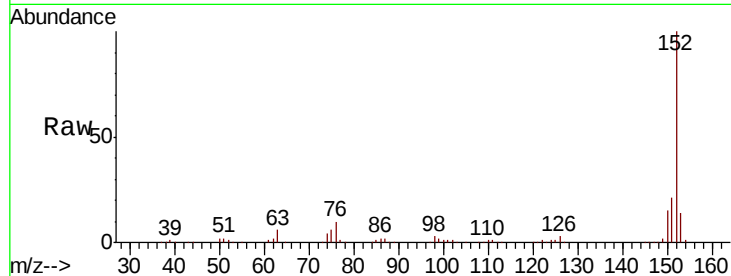
ClientSampleId :

PB118351BSD

Tot Ion:	152	Resp:	517026
Ion Ratio	Lower	Upper	
152	100		
151	20.8	17.0	25.6
153	13.5	10.8	16.2

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#50

Dimethylphthalate

Concen: 43.303 ng

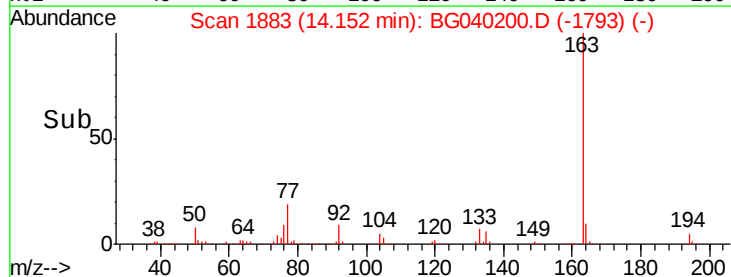
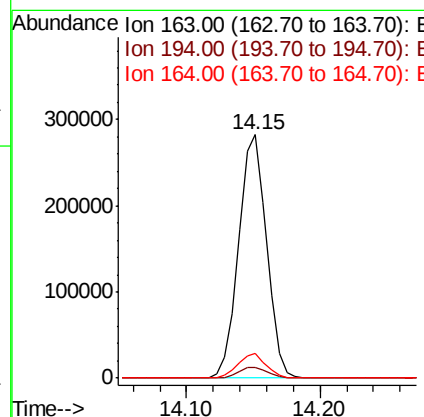
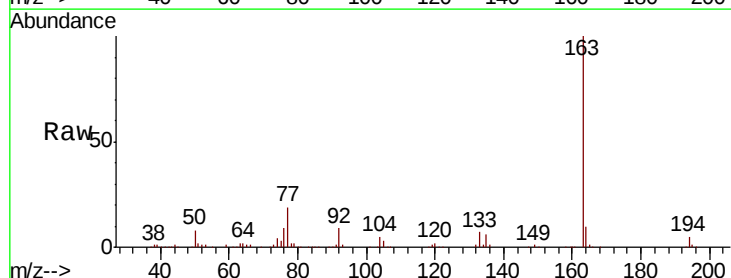
RT: 14.15 min Scan# 1883

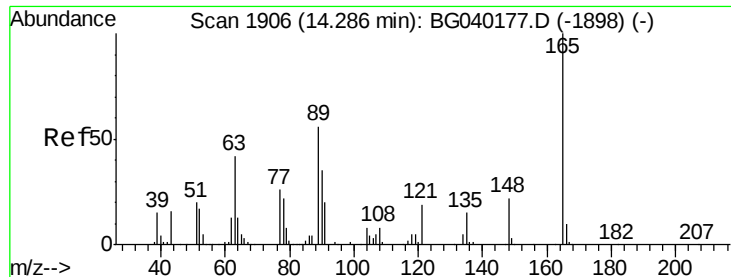
Delta R.T. 0.00 min

Lab File: BG040200.D

Acq: 28 Mar 2019 15:03

Tgt Ion:	163	Resp:	409502
Ion Ratio	Lower	Upper	
163	100		
194	4.6	4.1	6.1
164	10.4	8.6	13.0





#51

2,6-Dinitrotoluene

Concen: 44.057 ng

RT: 14.28 min Scan# 1905

Delta R.T. -0.01 min

Lab File: BG040200.D

Acq: 28 Mar 2019 15:03

Instrument :

BNA_G

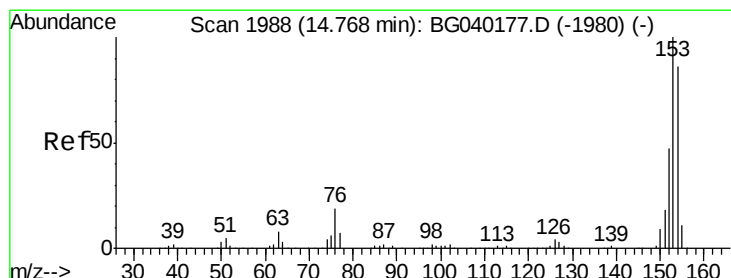
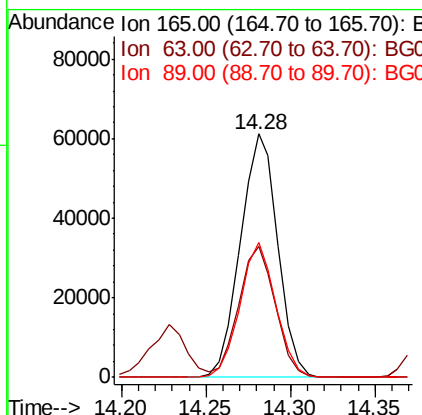
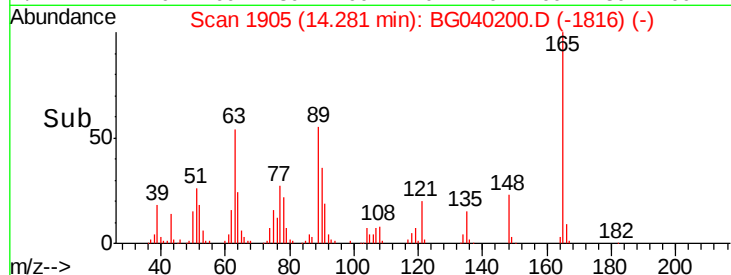
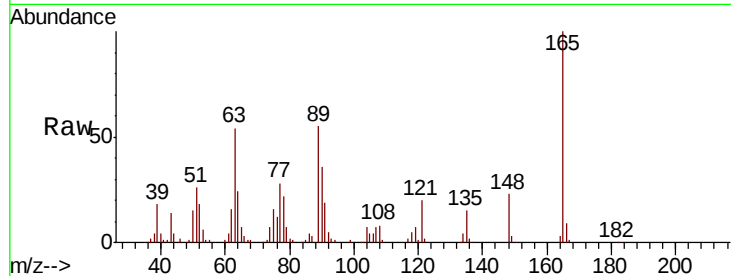
ClientSampleId :

PB118351BSD

Tot Ion:	165	Resp:	93549
Ion Ratio	Lower	Upper	
165	100		
63	53.9	44.1	66.1
89	55.3	44.9	67.3

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#52

Acenaphthene

Concen: 42.279 ng

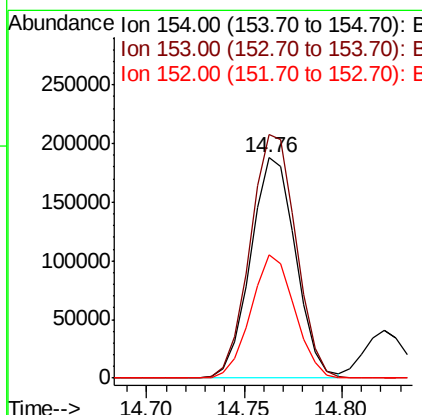
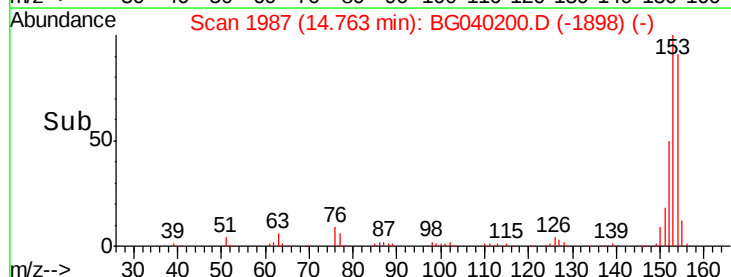
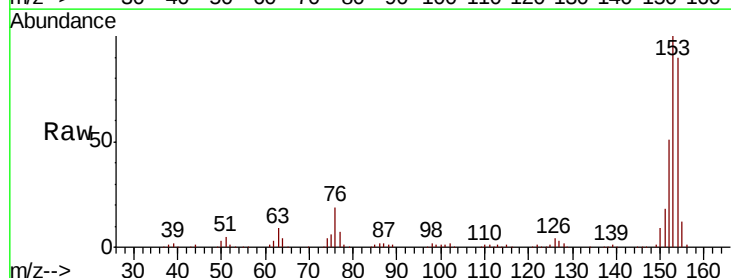
RT: 14.76 min Scan# 1987

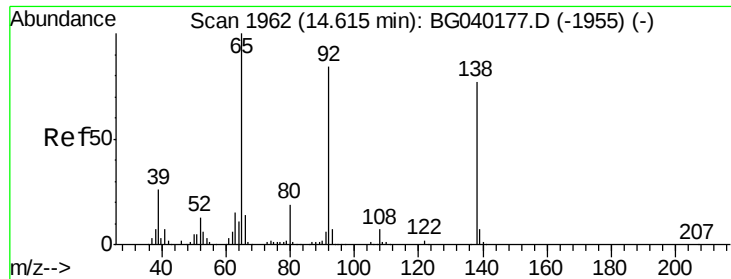
Delta R.T. -0.01 min

Lab File: BG040200.D

Acq: 28 Mar 2019 15:03

Tgt Ion:	154	Resp:	300806
Ion Ratio	Lower	Upper	
154	100		
153	110.6	92.8	139.2
152	56.1	43.4	65.2





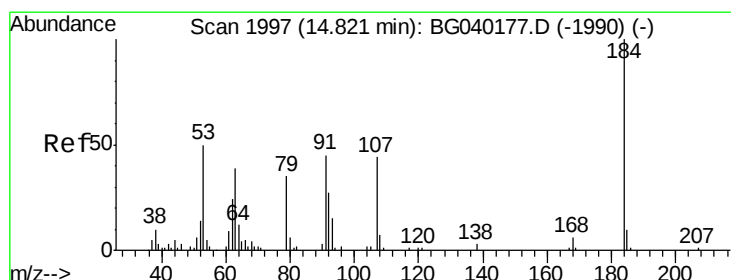
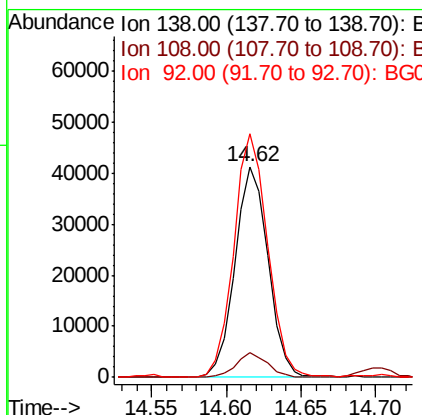
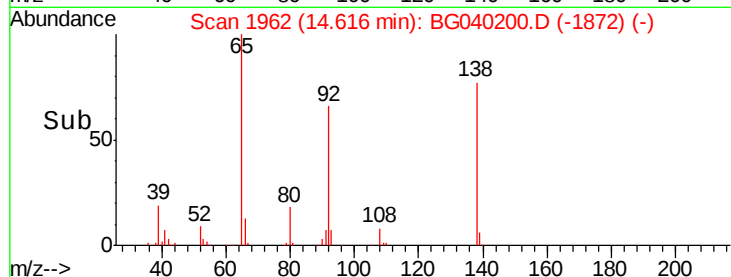
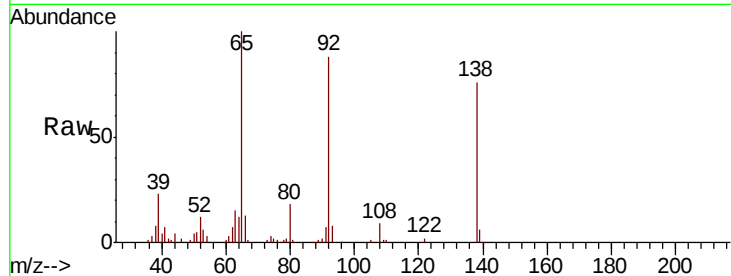
#53
3-Nitroaniline
Concen: 28.440 ng
RT: 14.62 min Scan# 1962
Delta R.T. 0.00 min
Lab File: BG040200.D
Acq: 28 Mar 2019 15:03

Instrument :
BNA_G
ClientSampleId :
PB118351BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.6	7.8	11.8
92	115.8	87.5	131.3

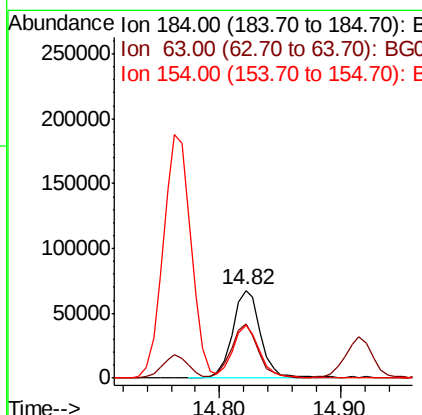
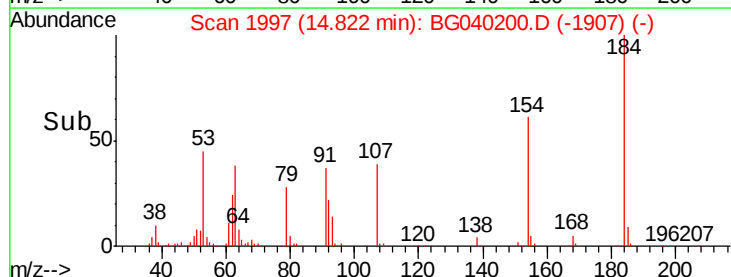
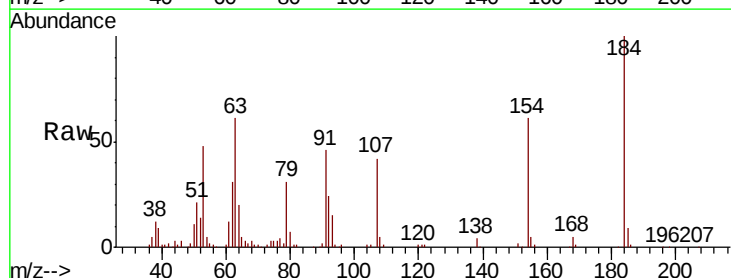
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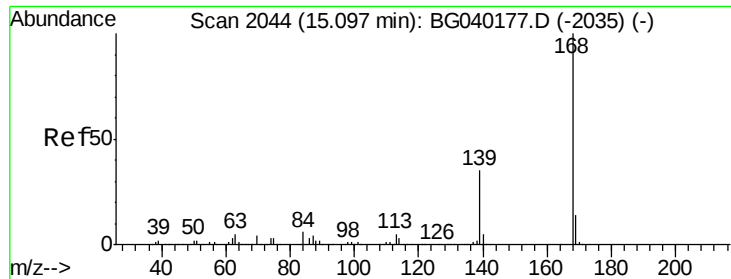
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#54
2,4-Dinitrophenol
Concen: 96.736 ng
RT: 14.82 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BG040200.D
Acq: 28 Mar 2019 15:03

Tgt Ion	Ratio	Lower	Upper
184	100		
63	61.3	51.8	77.8
154	60.8	50.9	76.3





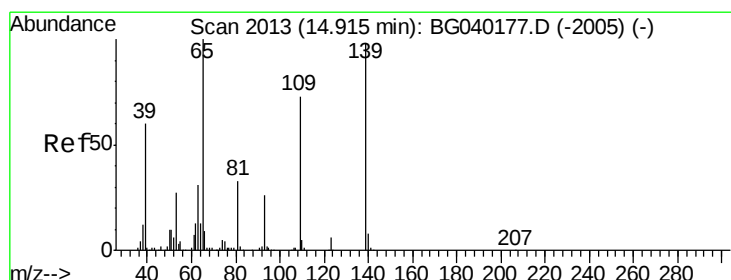
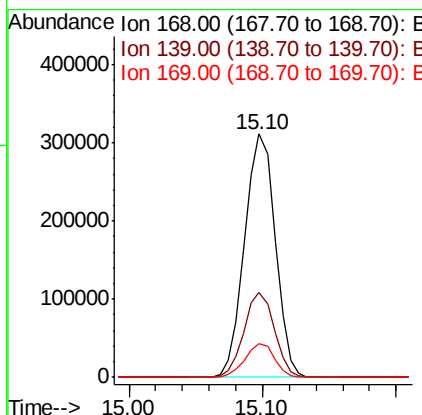
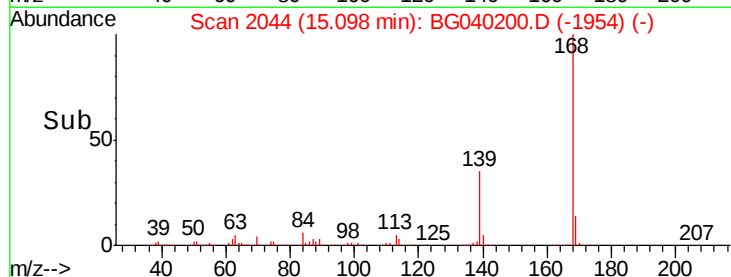
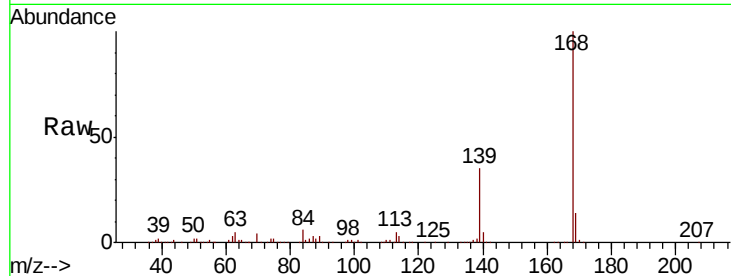
#55
Dibenzofuran
Concen: 43.081 ng
RT: 15.10 min Scan# 2044
Delta R.T. 0.00 min
Lab File: BG040200.D
Acq: 28 Mar 2019 15:03

Instrument :
BNA_G
ClientSampleId :
PB118351BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	34.7	27.9	41.9
169	13.9	11.3	16.9

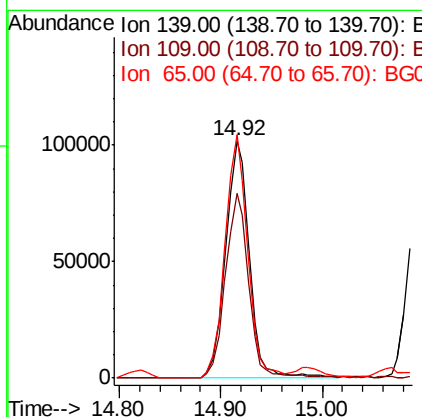
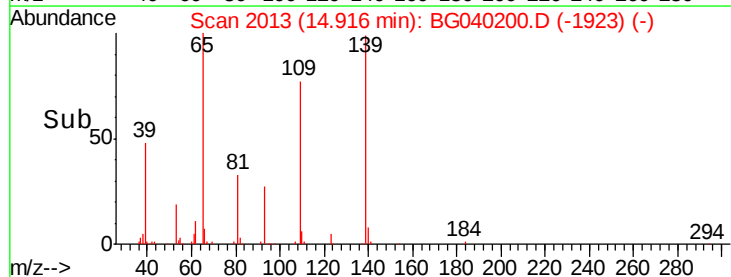
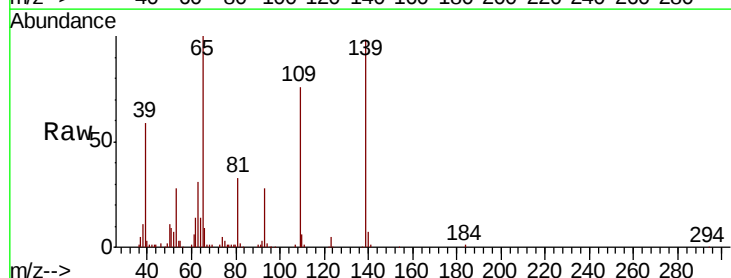
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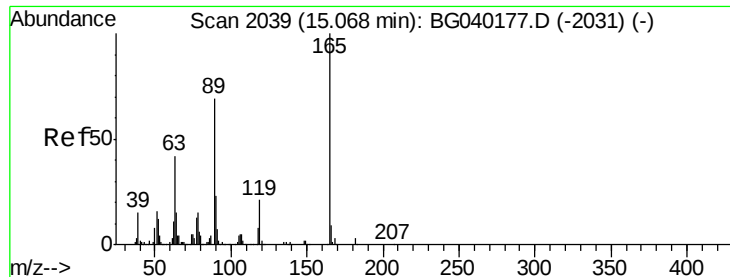
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#56
4-Nitrophenol
Concen: 91.159 ng
RT: 14.92 min Scan# 1213
Delta R.T. 0.00 min
Lab File: BG040200.D
Acq: 28 Mar 2019 15:03

Tgt Ion	Ratio	Lower	Upper
139	100		
109	77.6	54.3	94.3
65	102.5	82.5	122.5





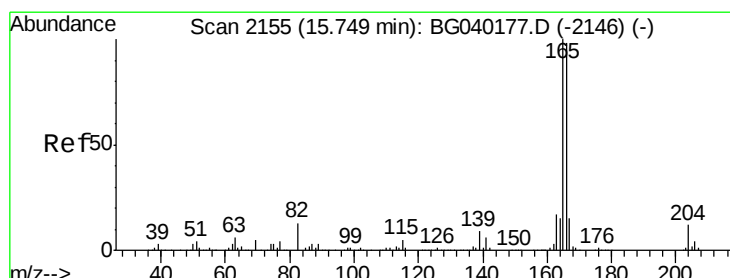
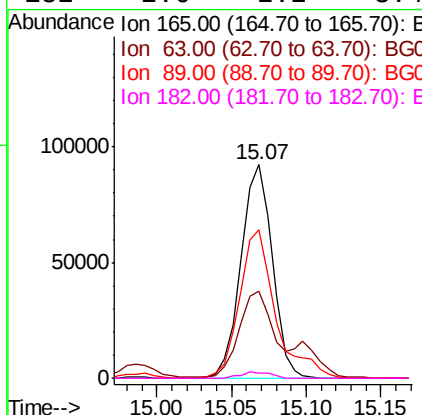
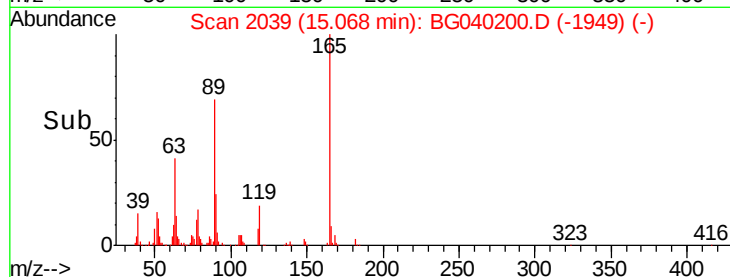
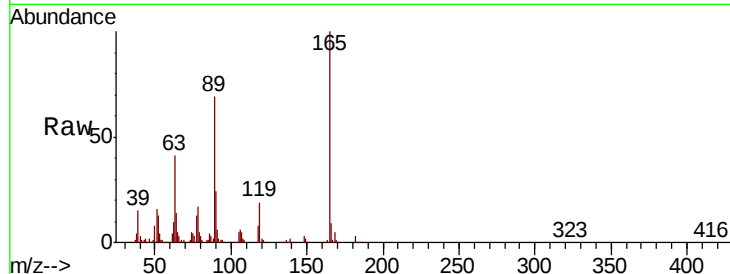
#57
 2,4-Dinitrotoluene
 Concen: 45.443 ng
 RT: 15.07 min Scan# 2039
 Delta R.T. 0.00 min
 Lab File: BG040200.D
 Acq: 28 Mar 2019 15:03

Instrument :
 BNA_G
 ClientSampled :
 PB118351BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100				
63	41.0		33.8	50.6	
89	69.3		55.4	83.2	
182	2.6		2.2	3.4	

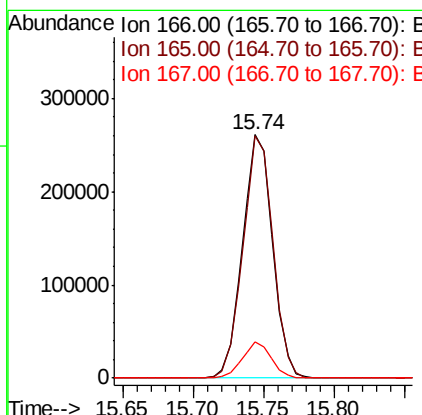
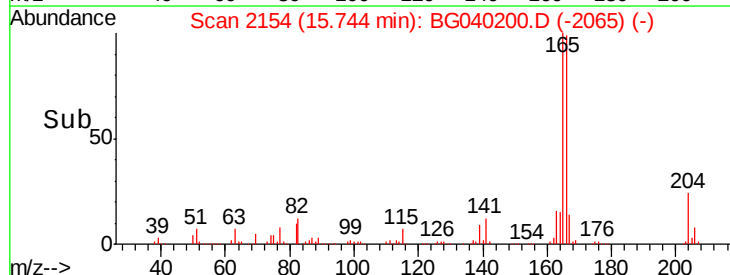
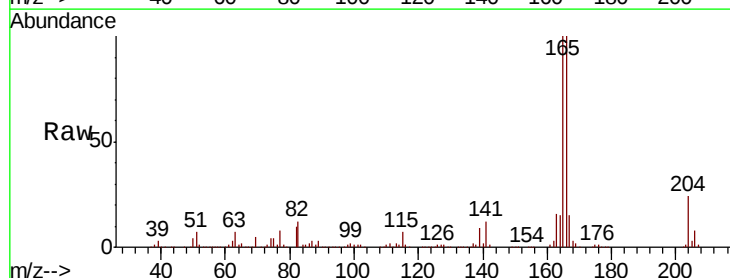
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#58
 Fluorene
 Concen: 43.259 ng
 RT: 15.74 min Scan# 2154
 Delta R.T. -0.01 min
 Lab File: BG040200.D
 Acq: 28 Mar 2019 15:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100				
165	99.8		81.7	122.5	
167	14.7		11.9	17.9	





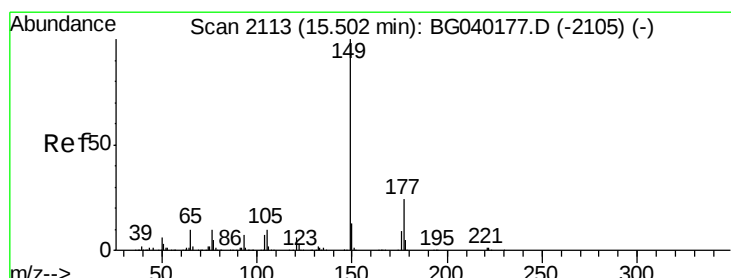
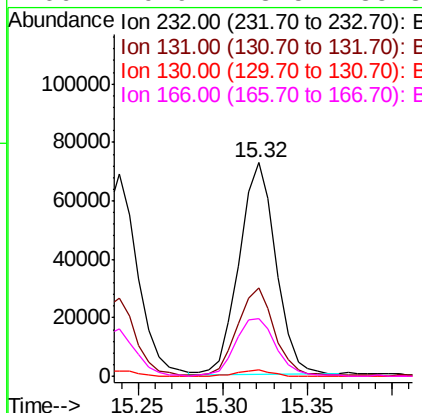
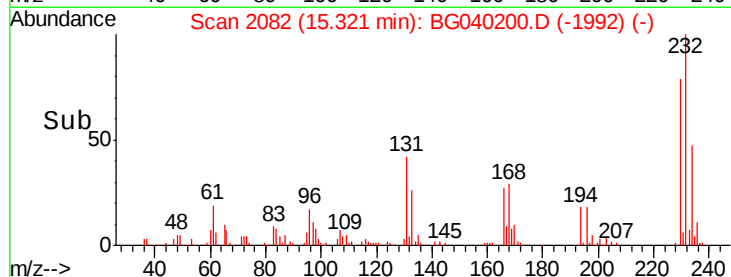
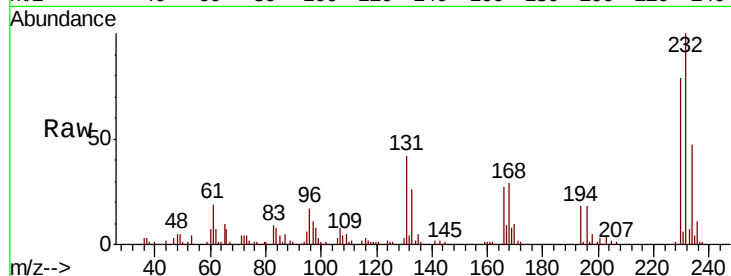
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.630 ng
RT: 15.32 min Scan# 2082
Delta R.T. 0.00 min
Lab File: BG040200.D
Acq: 28 Mar 2019 15:03

Instrument :
BNA_G
ClientSampleId :
PB118351BSD

Tot Ion	Ratio	Resp Lower	Upper
232	100		
131	42.5	32.9	49.3
130	2.8	1.8	2.8
166	29.9	23.5	35.3

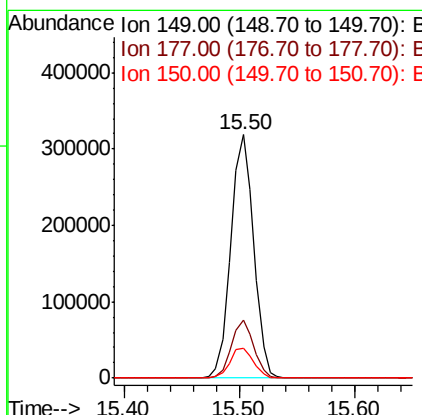
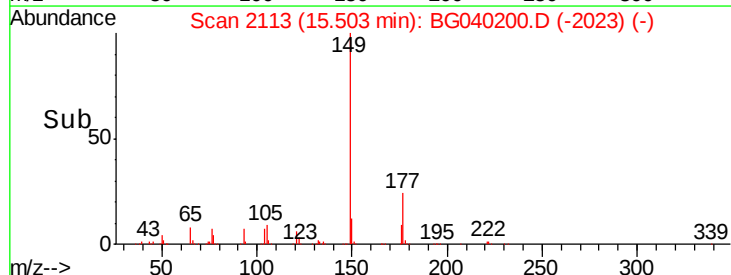
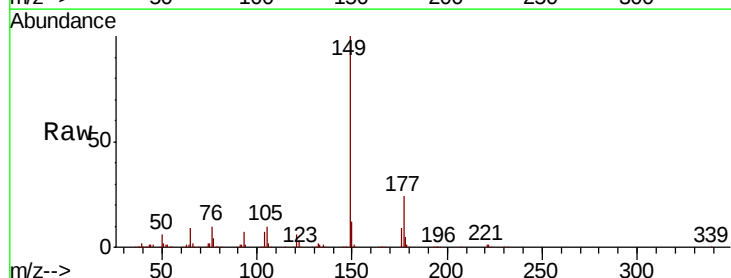
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#60
Diethylphthalate
Concen: 44.946 ng
RT: 15.50 min Scan# 2113
Delta R.T. 0.00 min
Lab File: BG040200.D
Acq: 28 Mar 2019 15:03

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
177	24.1	19.1	28.7
150	12.5	10.6	15.8





#61

4-Chlorophenyl-phenylether

Concen: 43.316 ng

RT: 15.73 min Scan# 2152

Delta R.T. 0.00 min

Lab File: BG040200.D

Acq: 28 Mar 2019 15:03

Instrument :

BNA_G

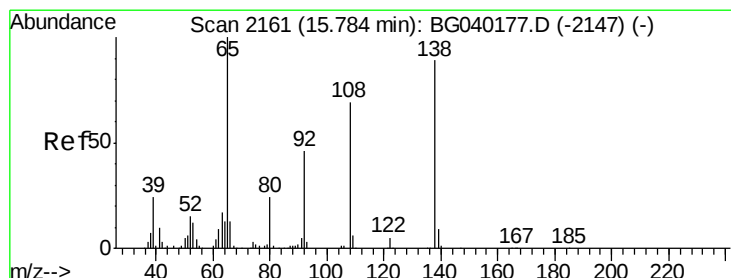
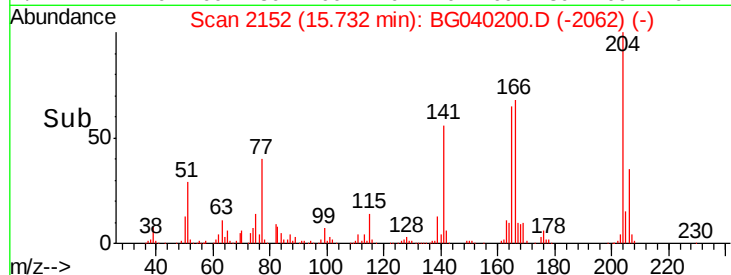
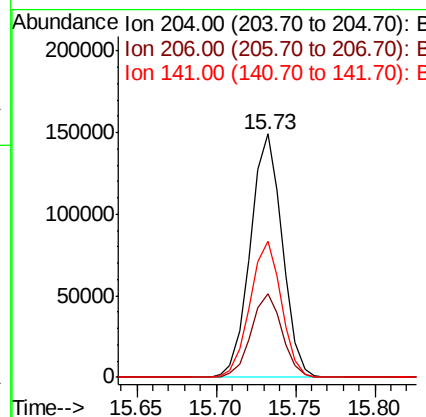
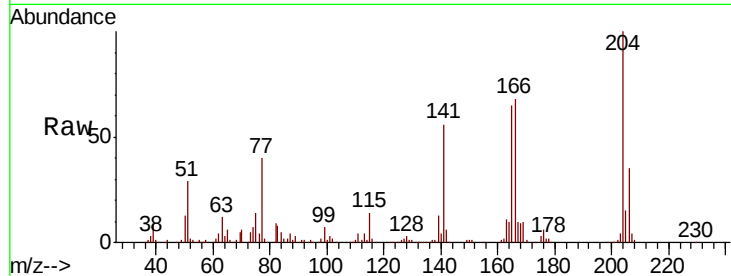
ClientSampleId :

PB118351BSD

Tot Ion:	204	Resp:	208115
Ion Ratio		Lower	Upper
204	100		
206	34.5	25.7	38.5
141	55.7	44.0	66.0

Manual Integrations
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#62

4-Nitroaniline

Concen: 43.689 ng

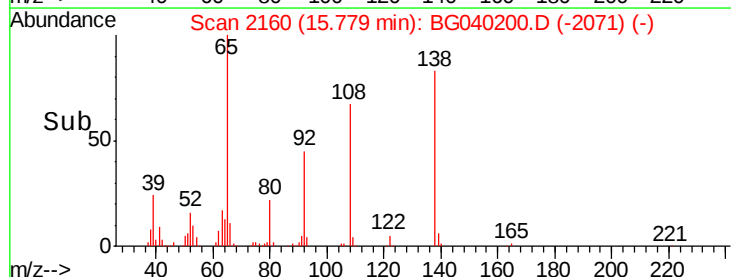
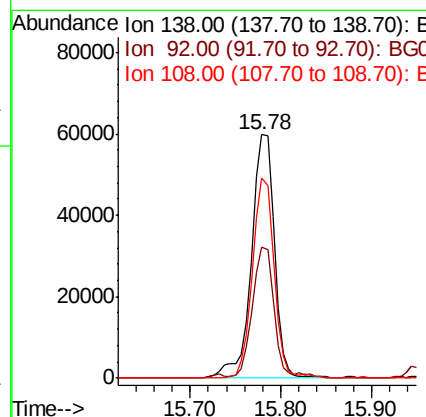
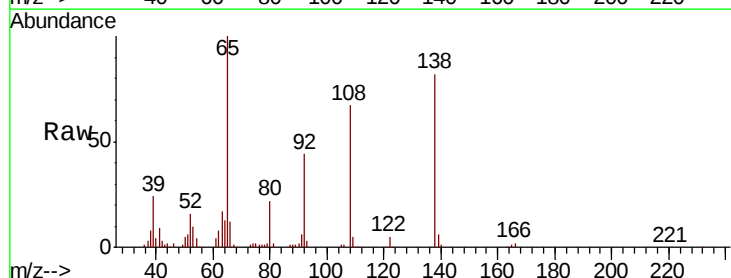
RT: 15.78 min Scan# 2160

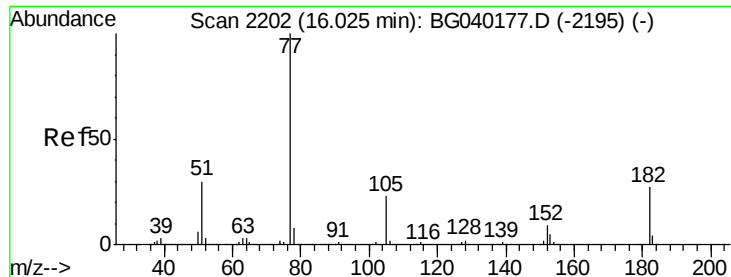
Delta R.T. -0.01 min

Lab File: BG040200.D

Acq: 28 Mar 2019 15:03

Tgt Ion:	138	Resp:	105381
Ion Ratio		Lower	Upper
138	100		
92	53.6	31.8	71.8
108	82.2	57.2	97.2





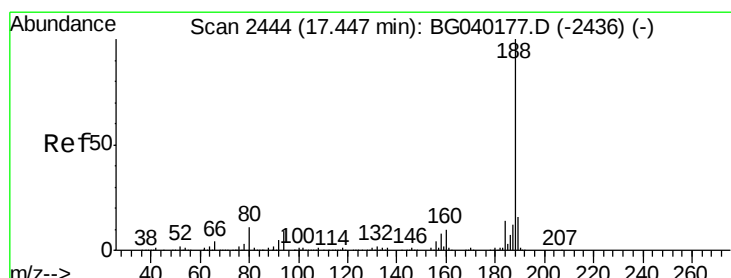
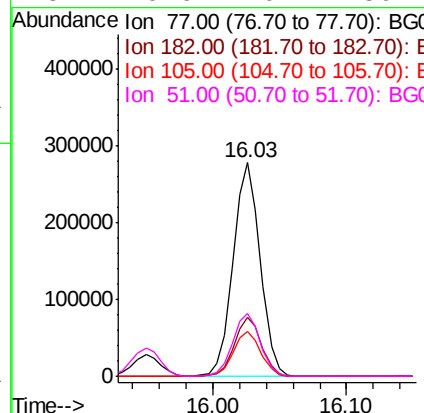
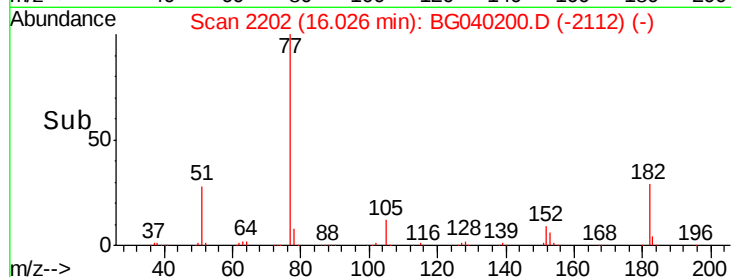
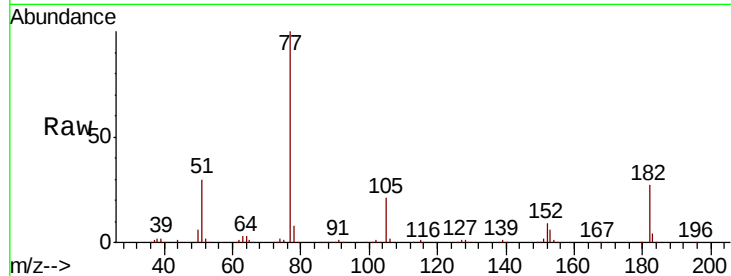
#63
Azobenzene
Concen: 43.139 ng
RT: 16.03 min Scan# 2202
Delta R.T. 0.00 min
Lab File: BG040200.D
Acq: 28 Mar 2019 15:03

Instrument :
BNA_G
ClientSampleId :
PB118351BSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	27.4	7.2	47.2	
105	21.0	2.8	42.8	
51	29.6	10.4	50.4	

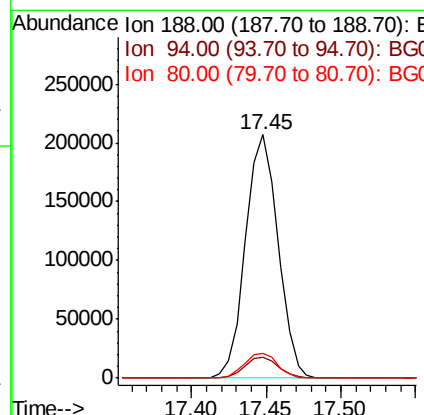
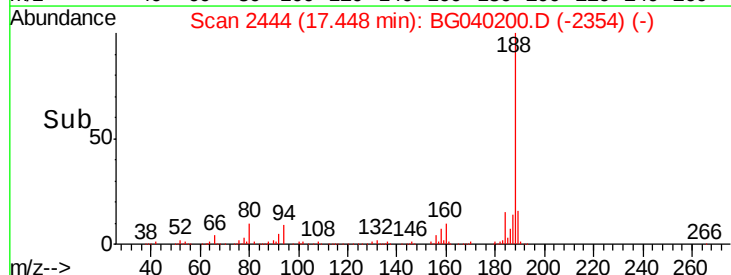
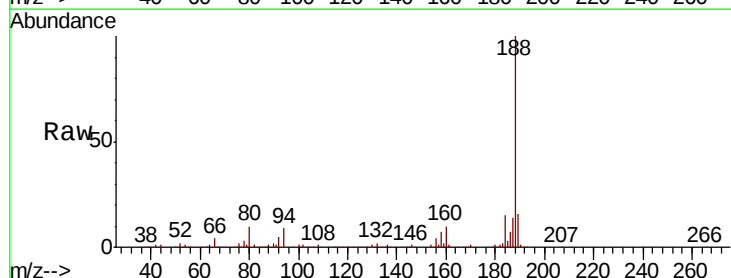
Manual Integrations
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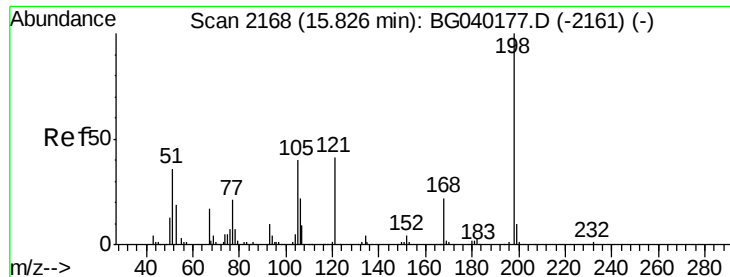
Sohil
3/29/2019 4:45:25 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2444
Delta R.T. 0.00 min
Lab File: BG040200.D
Acq: 28 Mar 2019 15:03

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.6	7.0	10.4	
80	10.2	8.6	13.0	





#65

4,6-Dinitro-2-methylphenol

Concen: 42.146 ng

RT: 15.83 min Scan# 2168

Delta R.T. 0.00 min

Lab File: BG040200.D

Acq: 28 Mar 2019 15:03

Instrument :

BNA_G

ClientSampleId :

PB118351BSD

Tot Ion:198 Resp: 73823

Ion Ratio Lower Upper

198 100

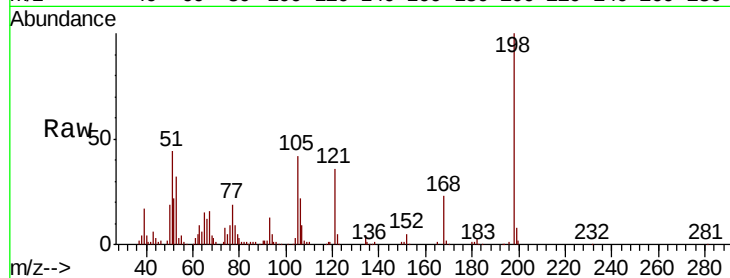
51 43.7 27.3 67.3

105 41.9 21.7 61.7

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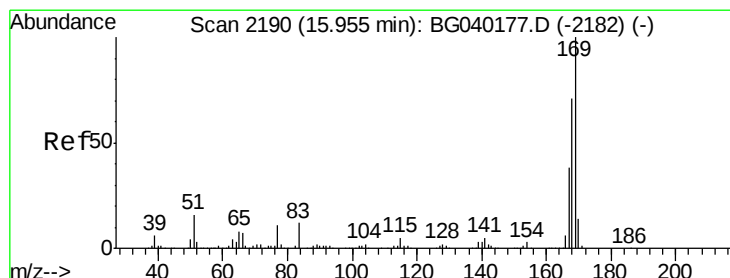
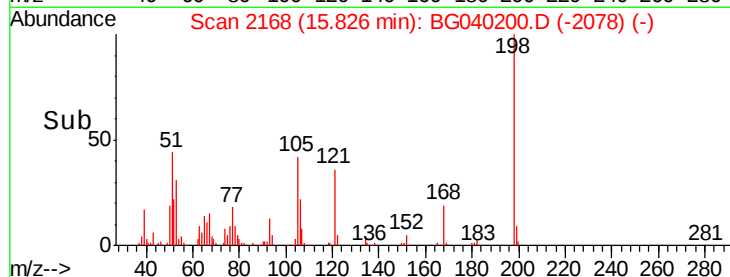
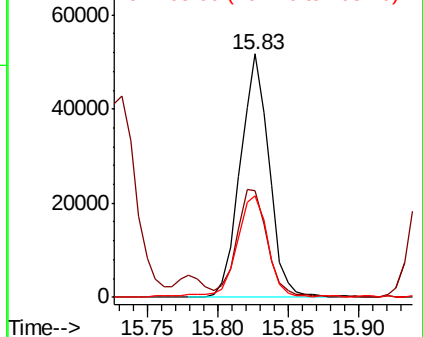
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.203 ng

RT: 15.95 min Scan# 2189

Delta R.T. -0.01 min

Lab File: BG040200.D

Acq: 28 Mar 2019 15:03

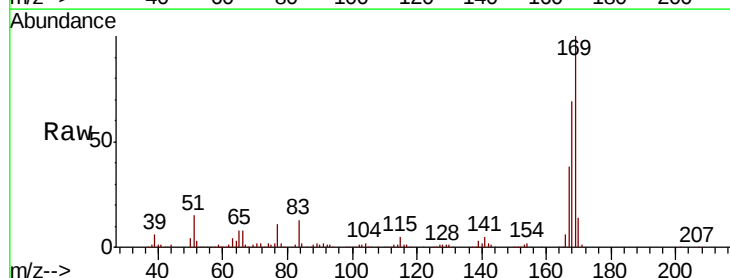
Tgt Ion:169 Resp: 366785

Ion Ratio Lower Upper

169 100

168 68.9 56.8 85.2

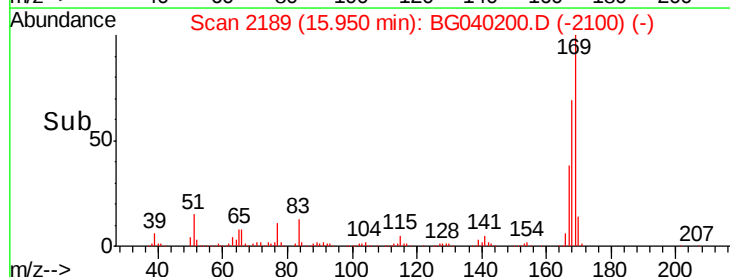
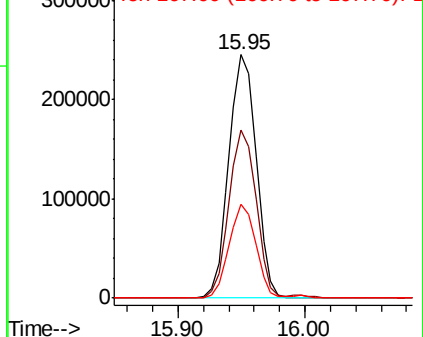
167 38.4 30.2 45.4



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





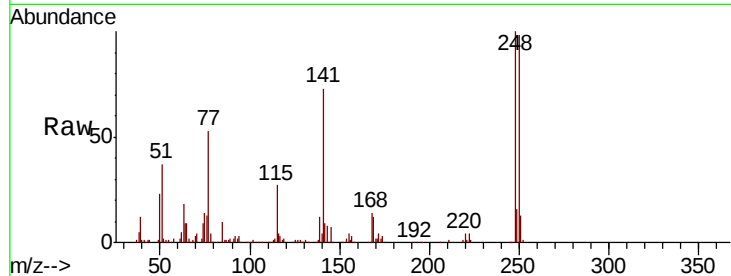
#67
4-Bromophenyl-phenylether
Concen: 38.971 ng
RT: 16.63 min Scan# 2304
Delta R.T. -0.01 min
Lab File: BG040200.D
Acq: 28 Mar 2019 15:03

Instrument :
BNA_G
ClientSampleId :
PB118351BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.0	76.4	114.6
141	72.7	53.8	80.8

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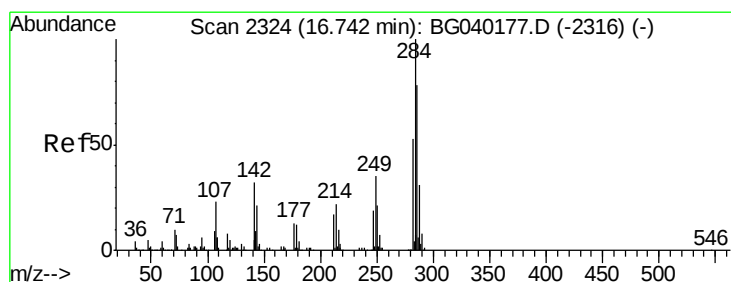
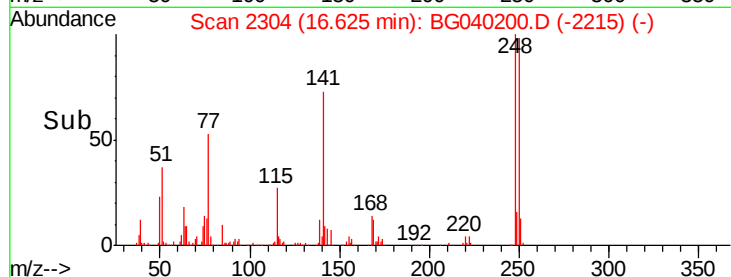
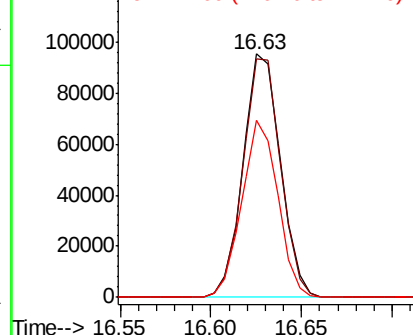


Abundance

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: 40.367 ng
RT: 16.74 min Scan# 2324
Delta R.T. 0.00 min
Lab File: BG040200.D
Acq: 28 Mar 2019 15:03

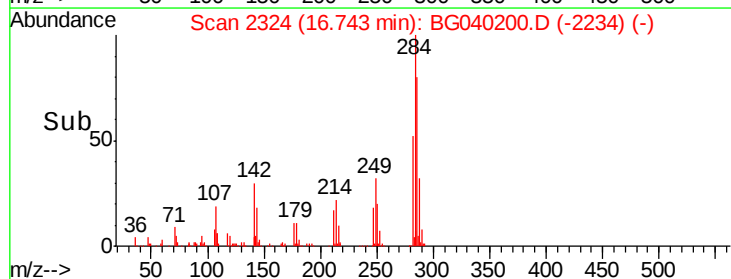
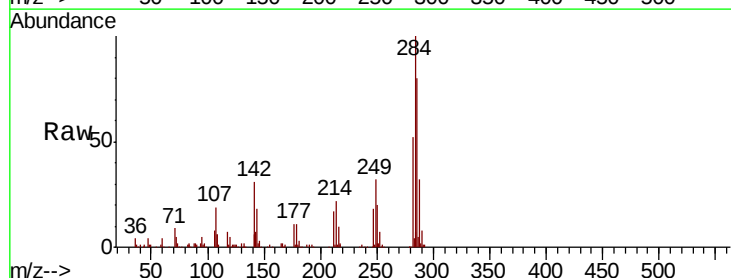
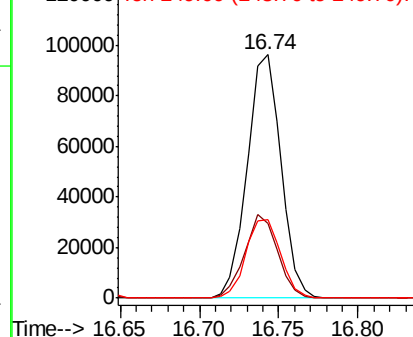
Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.6	25.3	37.9
249	32.2	28.2	42.2

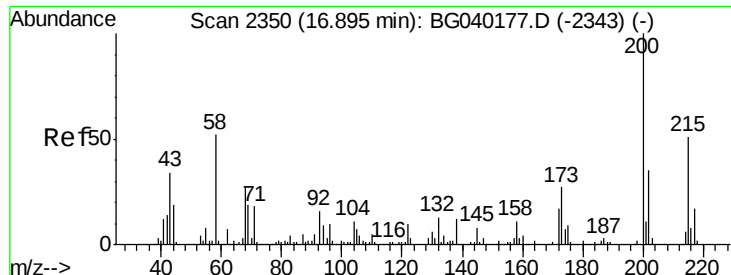
Abundance

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





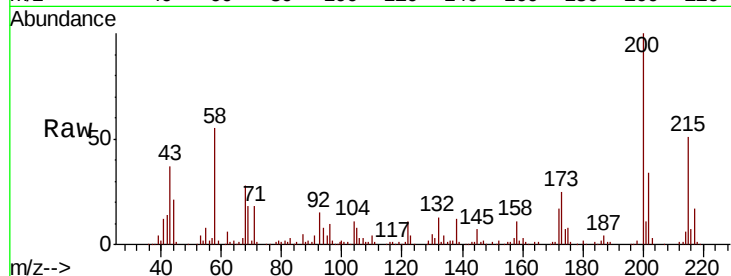
#69
Atrazine
Concen: 42.266 ng
RT: 16.89 min Scan# 2349
Delta R.T. -0.01 min
Lab File: BG040200.D
Acq: 28 Mar 2019 15:03

Instrument :
BNA_G
ClientSampled :
PB118351BSD

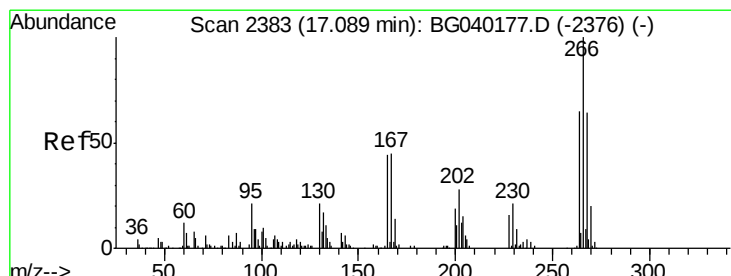
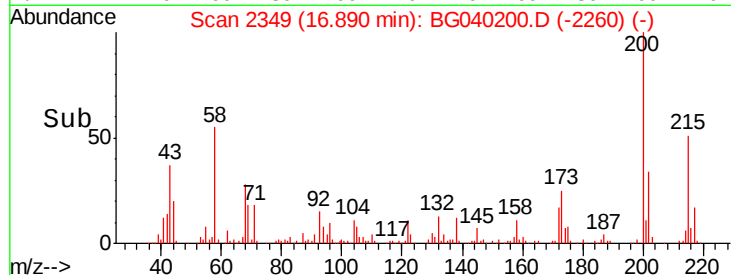
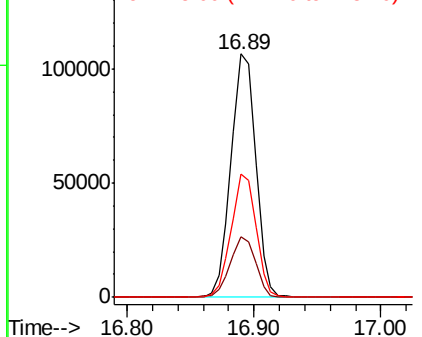
Tot Ion	Ratio	Lower	Upper
200	100		
173	24.9	7.1	47.1
215	50.9	30.9	70.9

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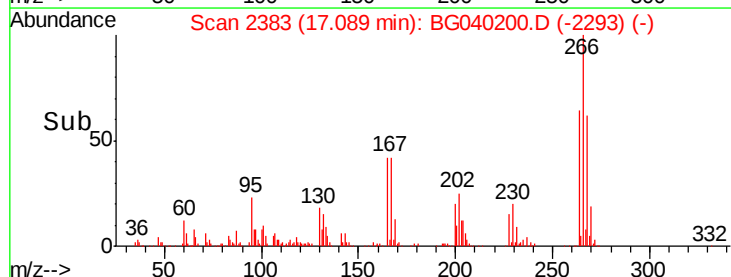
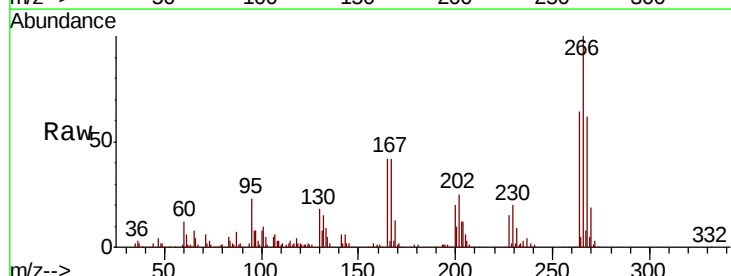
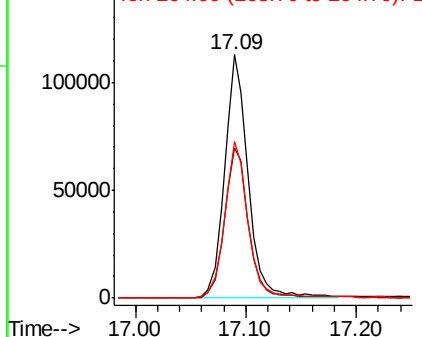
Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

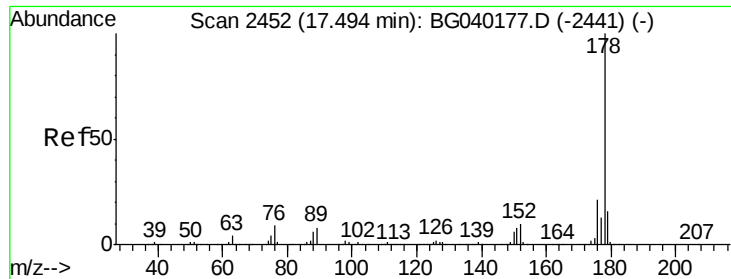


#70
Pentachlorophenol
Concen: 82.765 ng
RT: 17.09 min Scan# 2383
Delta R.T. 0.00 min
Lab File: BG040200.D
Acq: 28 Mar 2019 15:03

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.6	55.0	82.4
264	64.4	51.8	77.8

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





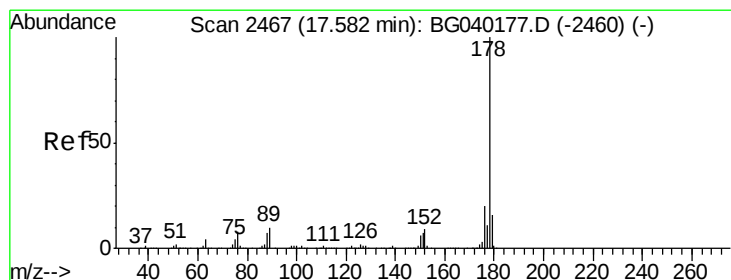
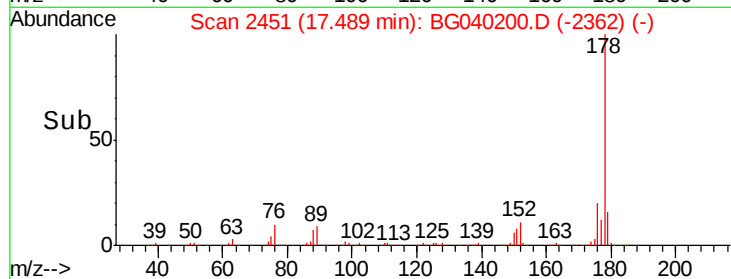
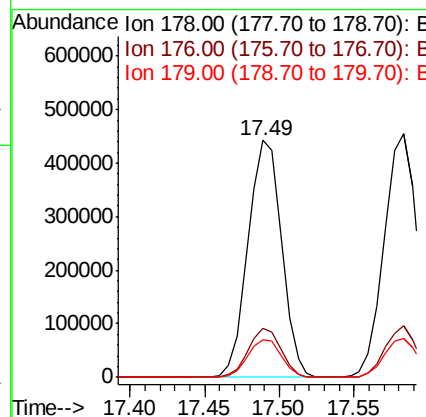
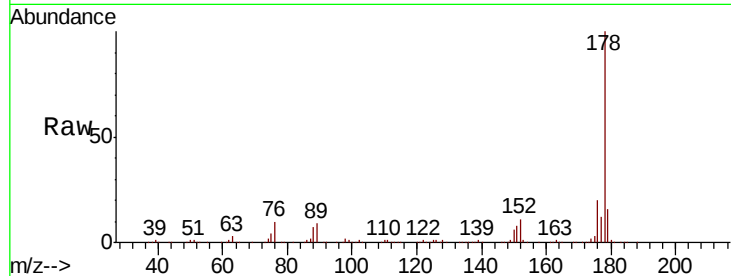
#71
Phenanthrene
Concen: 42.008 ng
RT: 17.49 min Scan# 2451
Delta R.T. -0.01 min
Lab File: BG040200.D
Acq: 28 Mar 2019 15:03

Instrument :
BNA_G
ClientSampleId :
PB118351BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.5	16.7	25.1
179	15.7	12.8	19.2

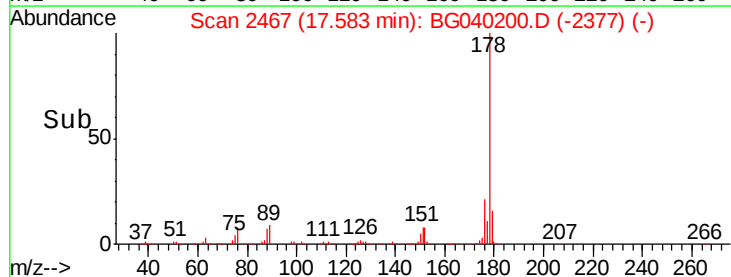
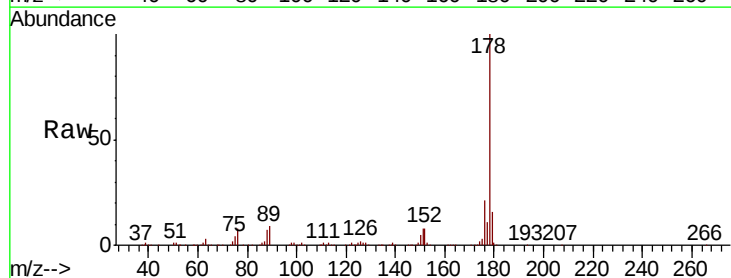
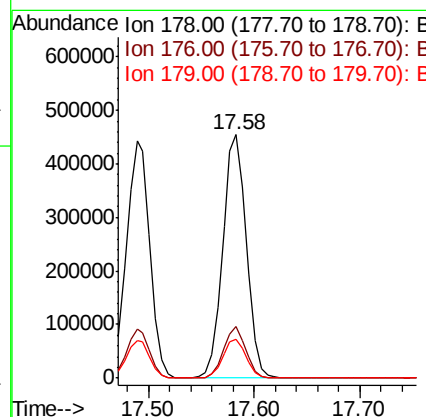
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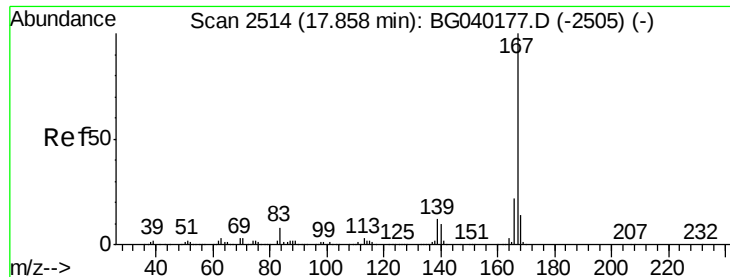
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#72
Anthracene
Concen: 43.012 ng
RT: 17.58 min Scan# 2467
Delta R.T. 0.00 min
Lab File: BG040200.D
Acq: 28 Mar 2019 15:03

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.0	15.9	23.9
179	15.8	12.9	19.3





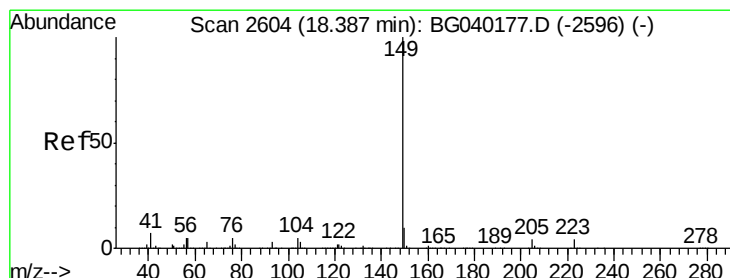
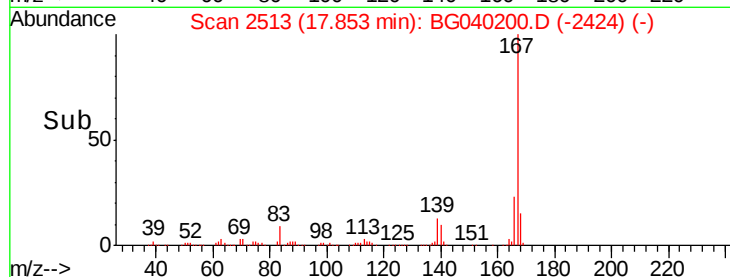
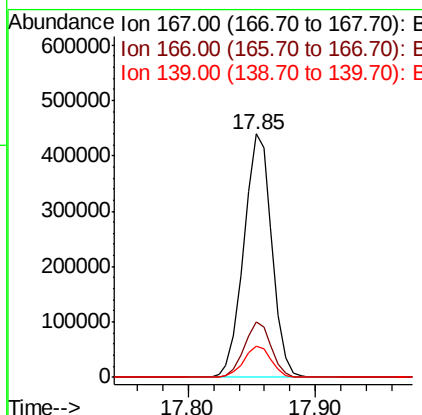
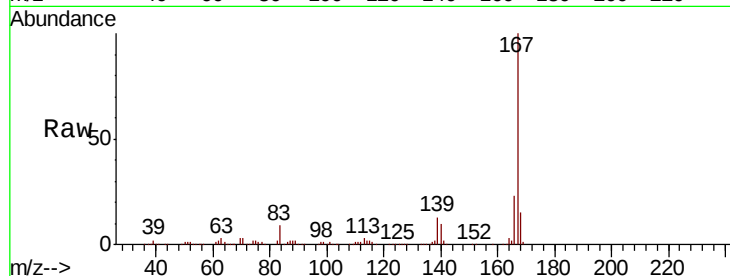
#73
 Carbazole
 Concen: 43.345 ng
 RT: 17.85 min Scan# 2513
 Delta R.T. -0.01 min
 Lab File: BG040200.D
 Acq: 28 Mar 2019 15:03

Instrument :
 BNA_G
 ClientSampleId :
 PB118351BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.5	26.3
139	12.8	10.0	15.0

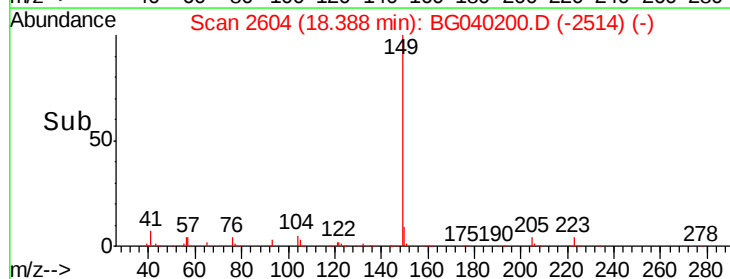
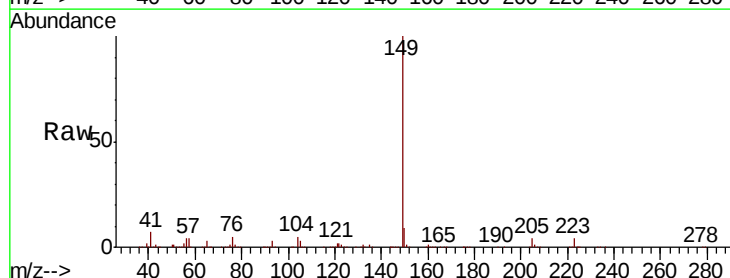
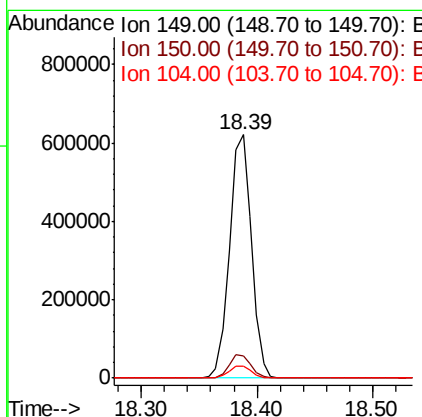
Manual Integrations
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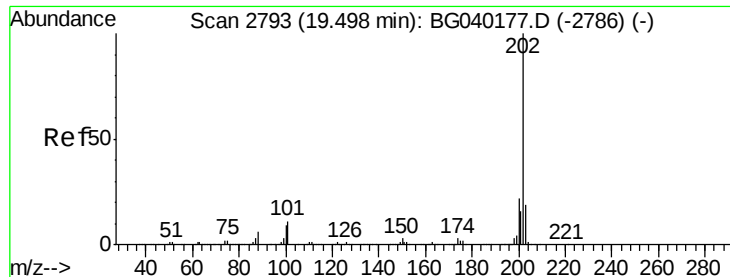
Sohil
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#74
 Di-n-butylphthalate
 Concen: 44.141 ng
 RT: 18.39 min Scan# 2604
 Delta R.T. 0.00 min
 Lab File: BG040200.D
 Acq: 28 Mar 2019 15:03

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.9	11.9
104	5.1	4.1	6.1





#75

Fluoranthene

Concen: 45.814 ng

RT: 19.50 min Scan# 2793

Delta R.T. 0.00 min

Lab File: BG040200.D

Acq: 28 Mar 2019 15:03

Instrument :

BNA_G

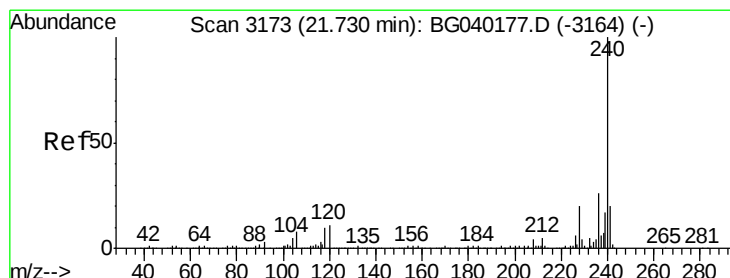
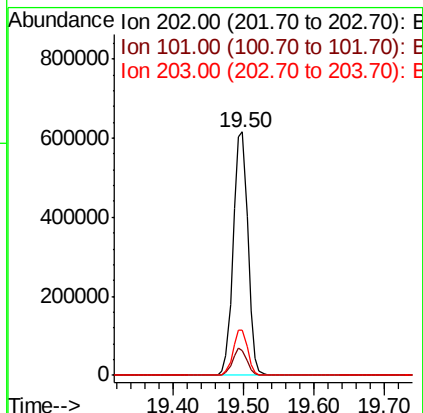
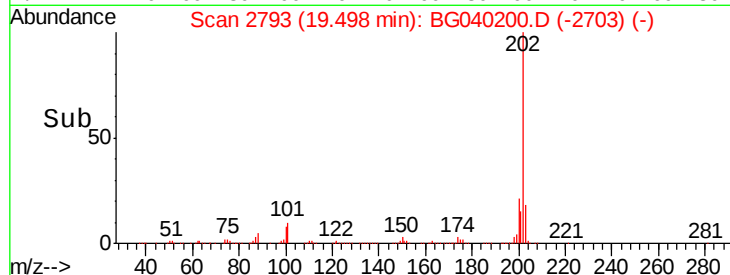
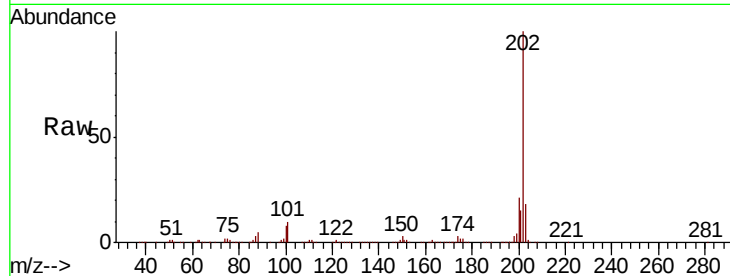
ClientSampleId :

PB118351BSD

Tot Ion:	202	Resp:	889002
Ion Ratio	Lower	Upper	
202	100		
101	10.3	0.0	30.8
203	18.3	0.0	38.9

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#76

Chrysene-d12

Concen: 20.000 ng

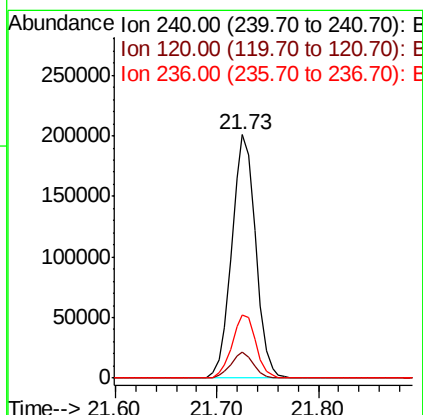
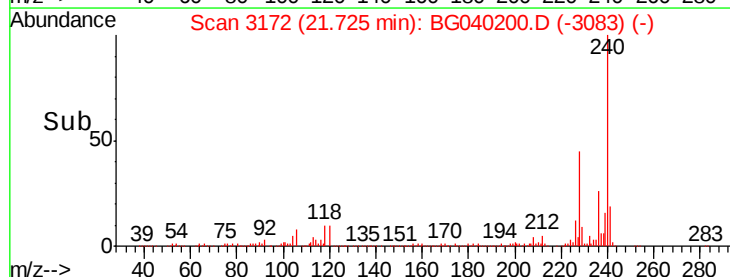
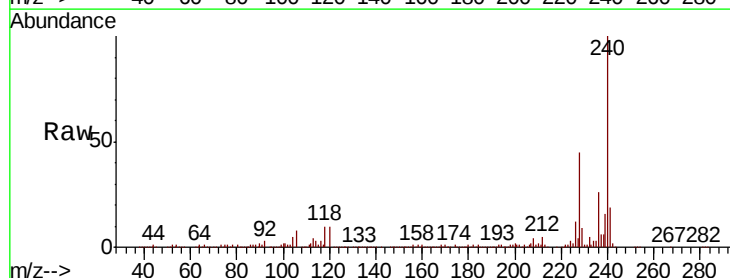
RT: 21.73 min Scan# 3172

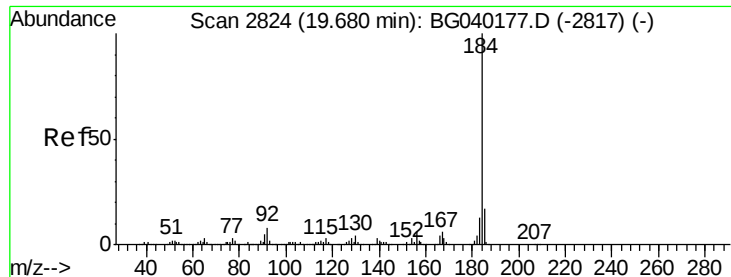
Delta R.T. -0.01 min

Lab File: BG040200.D

Acq: 28 Mar 2019 15:03

Tgt Ion:	240	Resp:	327280
Ion Ratio	Lower	Upper	
240	100		
120	10.5	8.4	12.6
236	26.2	20.8	31.2





#77

Benzidine

Concen: 30.876 ng

RT: 19.68 min Scan# 2824

Delta R.T. 0.00 min

Lab File: BG040200.D

Acq: 28 Mar 2019 15:03

Instrument :

BNA_G

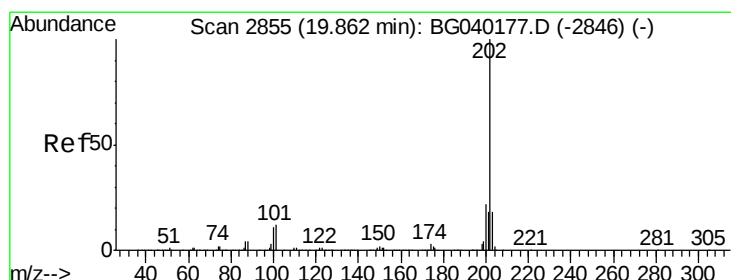
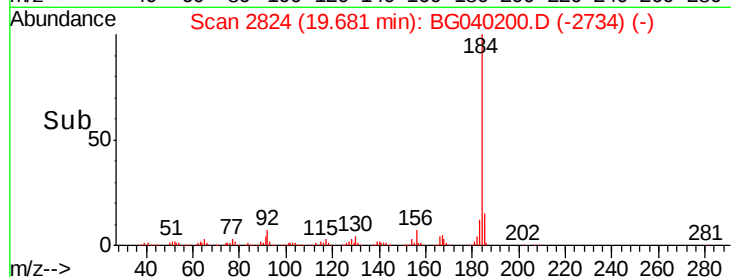
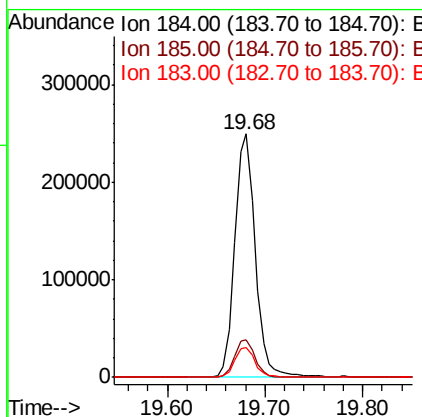
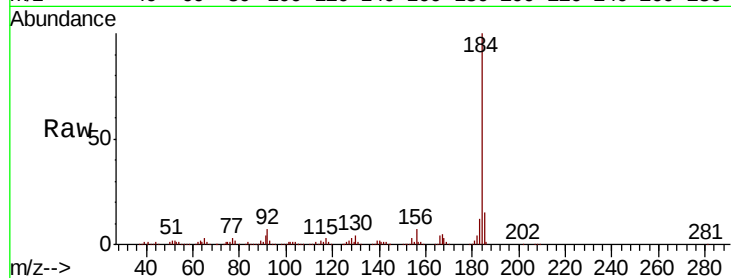
ClientSampleId :

PB118351BSD

Tot Ion:	184	Resp:	364902
Ion Ratio	Lower	Upper	
184	100		
185	15.3	13.3	19.9
183	12.1	10.3	15.5

Manual Integrations
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#78

Pyrene

Concen: 41.383 ng

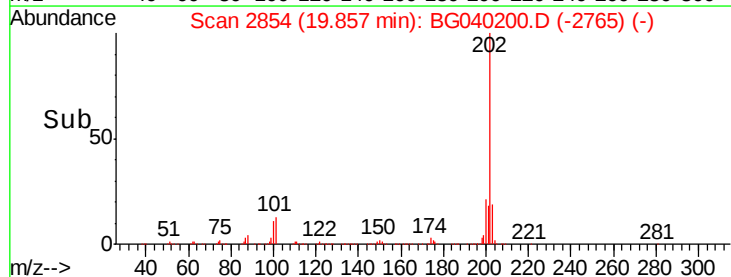
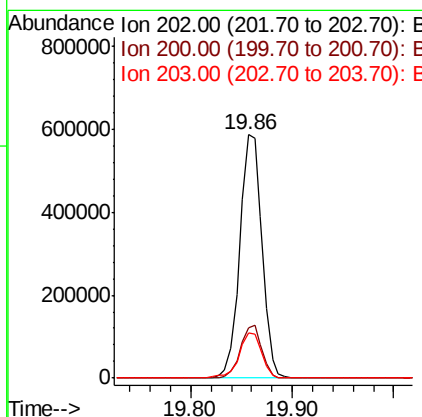
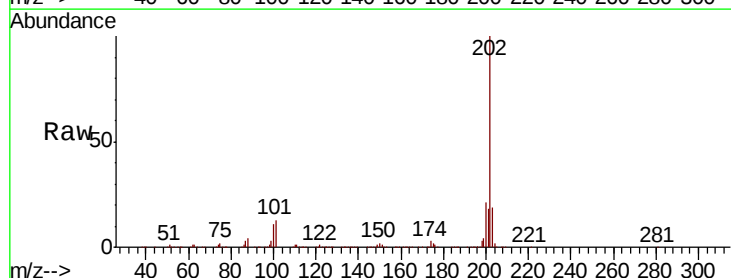
RT: 19.86 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BG040200.D

Acq: 28 Mar 2019 15:03

Tgt Ion:	202	Resp:	890649
Ion Ratio	Lower	Upper	
202	100		
200	20.6	17.3	25.9
203	18.7	14.6	22.0





#79

Terphenyl-d14

Concen: 78.987 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.01 min

Lab File: BG040200.D

Acq: 28 Mar 2019 15:03

Instrument :

BNA_G

ClientSampleId :

PB118351BSD

Tot Ion:244 Resp: 1149110

Ion Ratio Lower Upper

244 100

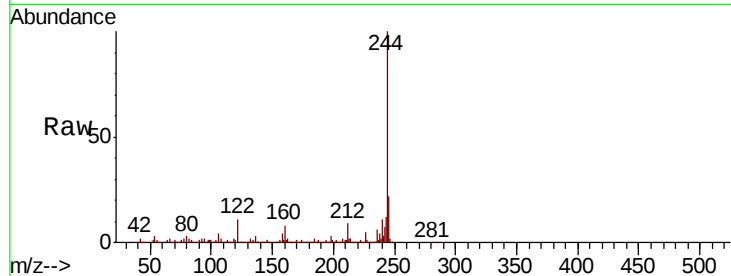
212 8.6 7.0 10.6

122 11.2 8.5 12.7

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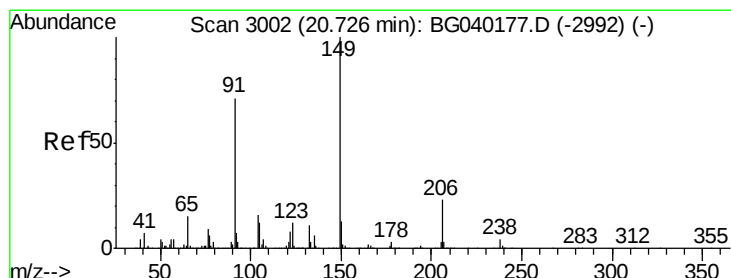
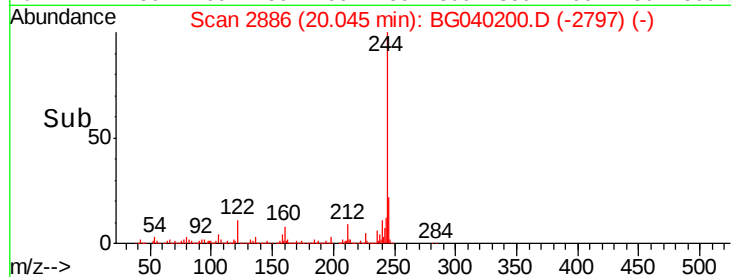
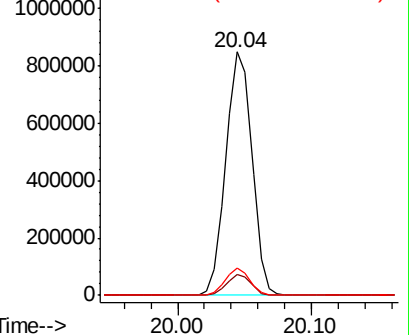
3/29/2019 4:45:25 PM



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: 41.103 ng

RT: 20.73 min Scan# 3002

Delta R.T. 0.00 min

Lab File: BG040200.D

Acq: 28 Mar 2019 15:03

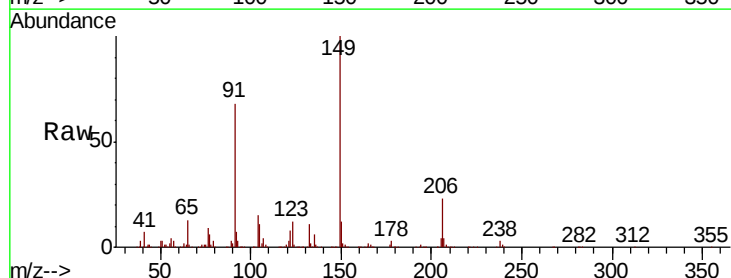
Tgt Ion:149 Resp: 378550

Ion Ratio Lower Upper

149 100

91 68.0 57.0 85.4

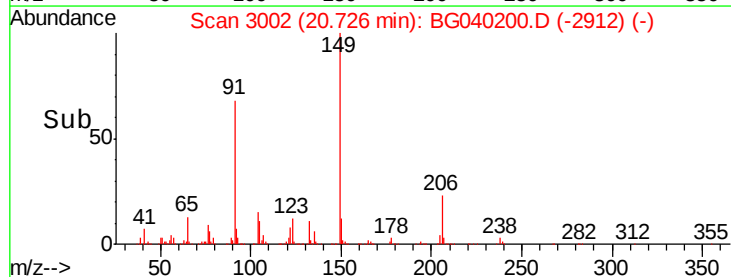
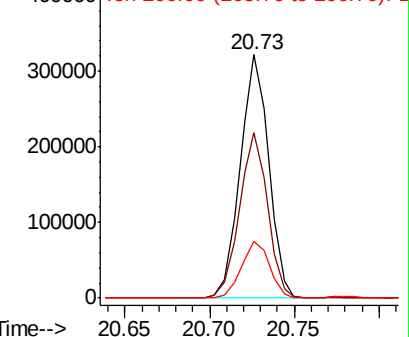
206 23.2 18.2 27.4

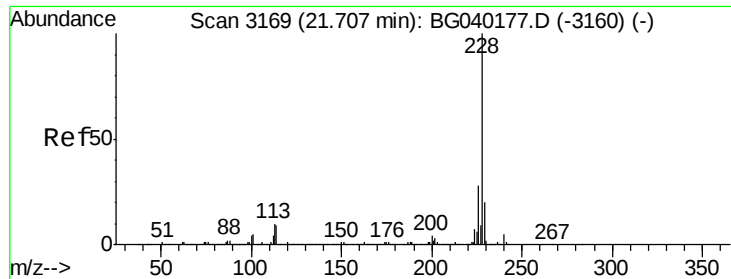


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.542 ng

RT: 21.71 min Scan# 3169

Delta R.T. 0.00 min

Lab File: BG040200.D

Acq: 28 Mar 2019 15:03

Instrument :

BNA_G

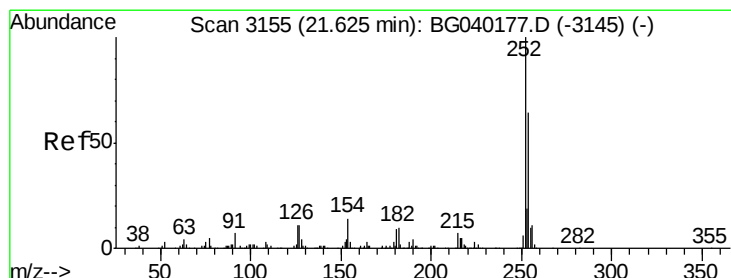
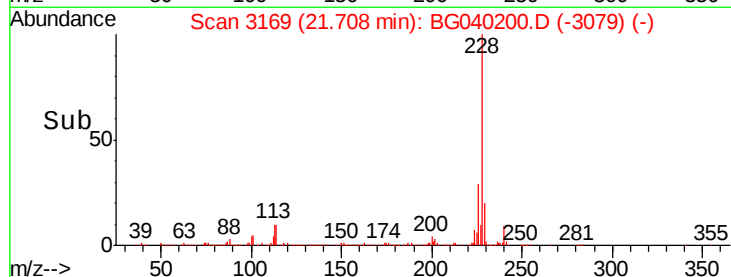
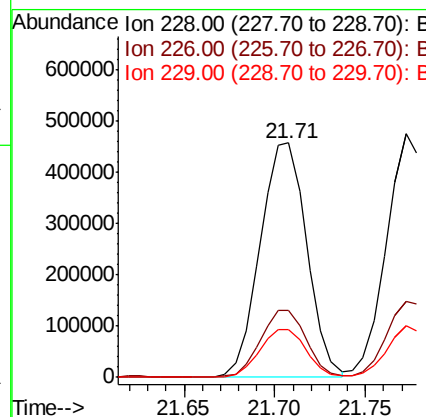
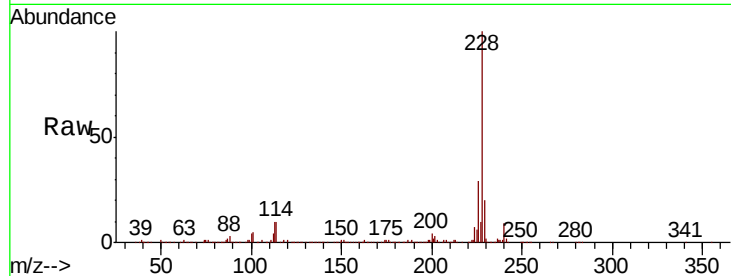
ClientSampleId :

PB118351BSD

Tot Ion:	228	Resp:	817281
Ion Ratio	Lower	Upper	
228	100		
226	28.7	22.6	34.0
229	20.3	16.1	24.1

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#82

3,3'-Dichlorobenzidine

Concen: 24.546 ng

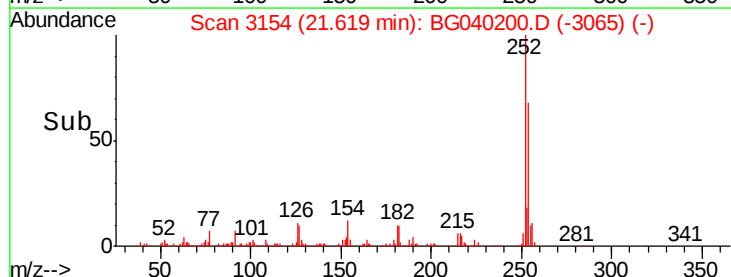
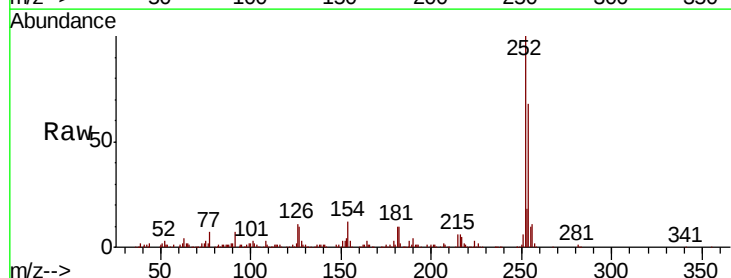
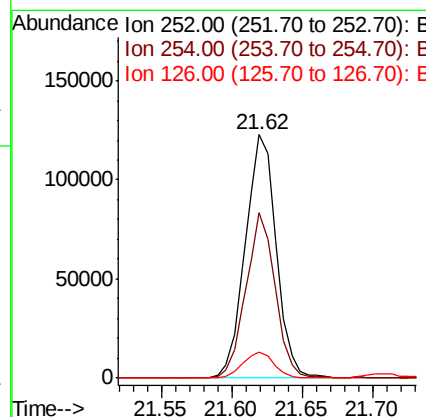
RT: 21.62 min Scan# 3154

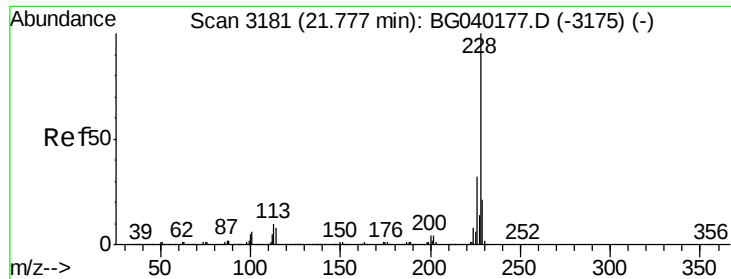
Delta R.T. -0.01 min

Lab File: BG040200.D

Acq: 28 Mar 2019 15:03

Tgt Ion:	252	Resp:	188229
Ion Ratio	Lower	Upper	
252	100		
254	68.1	51.4	77.2
126	10.8	8.5	12.7





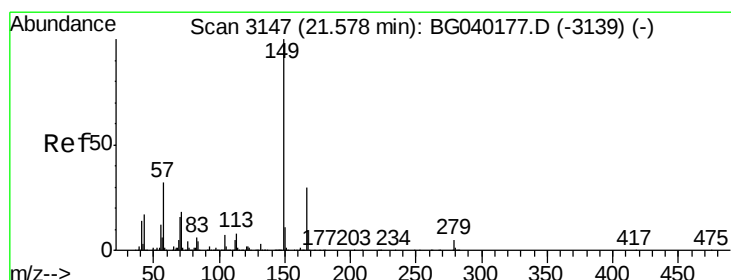
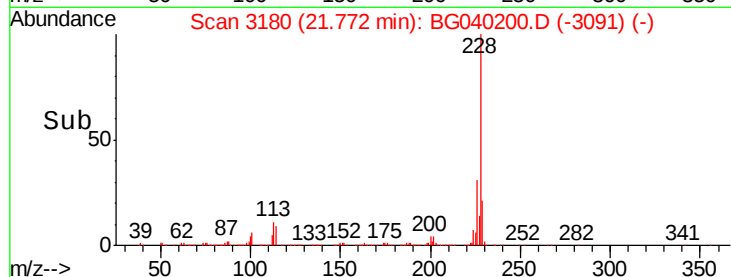
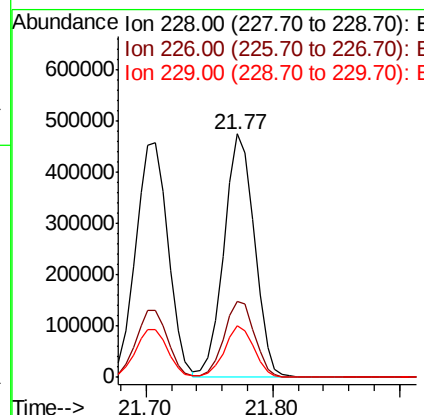
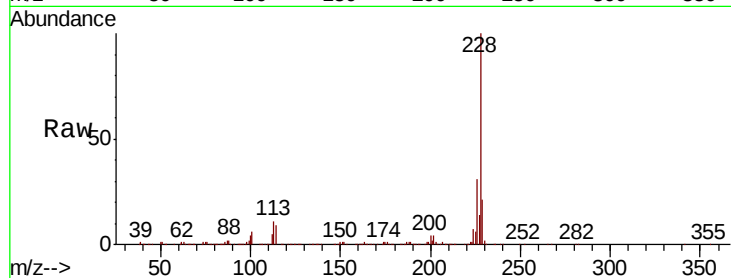
#83
Chrysene
Concen: 40.752 ng
RT: 21.77 min Scan# 3180
Delta R.T. -0.01 min
Lab File: BG040200.D
Acq: 28 Mar 2019 15:03

Instrument :
BNA_G
ClientSampleId :
PB118351BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100				
226	31.4	25.4	38.0		
229	21.0	17.0	25.4		

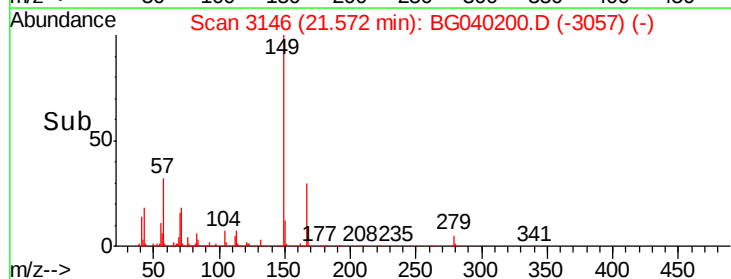
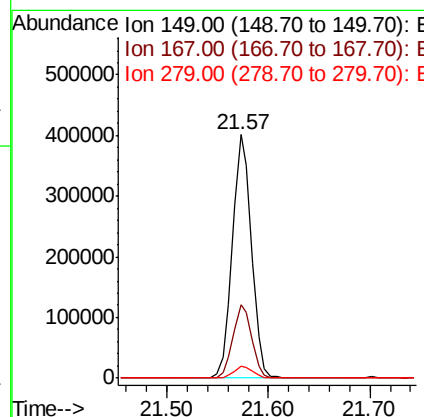
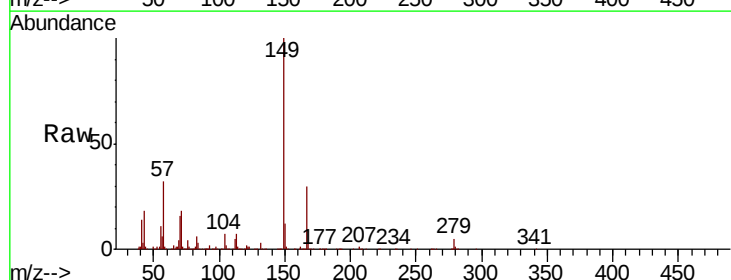
Manual Integrations
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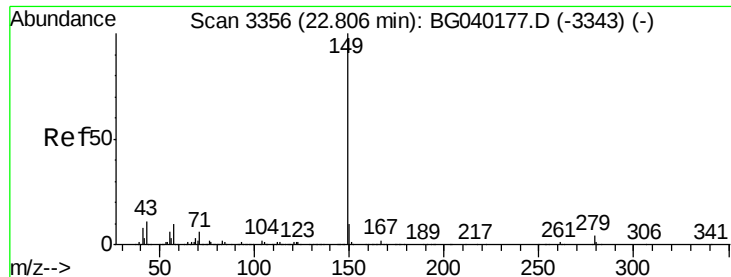
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#84
Bis(2-ethylhexyl)phthalate
Concen: 39.755 ng
RT: 21.57 min Scan# 3146
Delta R.T. -0.01 min
Lab File: BG040200.D
Acq: 28 Mar 2019 15:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100				
167	30.2	24.1	36.1		
279	5.0	4.1	6.1		





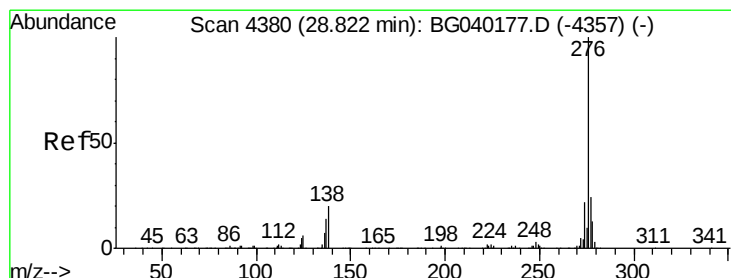
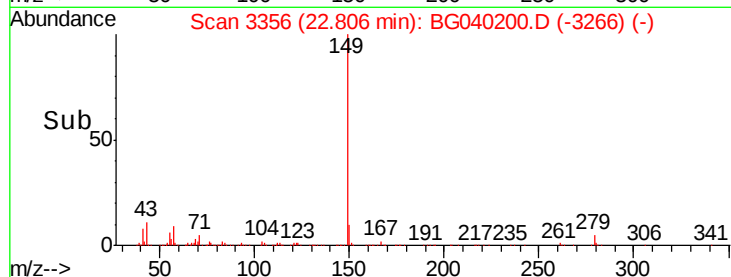
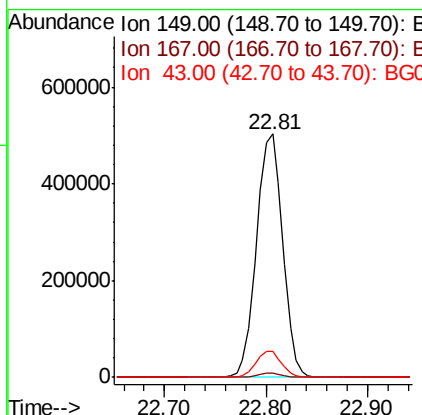
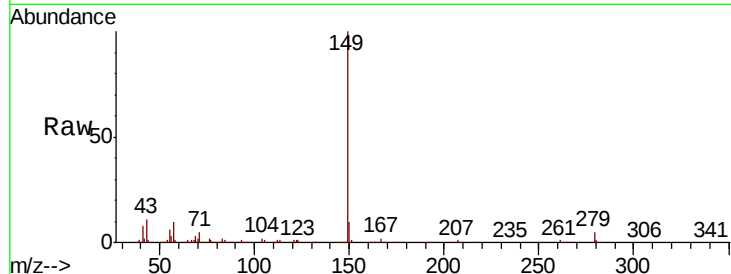
#85
Di-n-octyl phthalate
Concen: 40.245 ng
RT: 22.81 min Scan# 3356
Delta R.T. 0.00 min
Lab File: BG040200.D
Acq: 28 Mar 2019 15:03

Instrument :
BNA_G
ClientSampleId :
PB118351BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	902699		
167	1.7		1.4	2.0
43	10.3		8.7	13.1

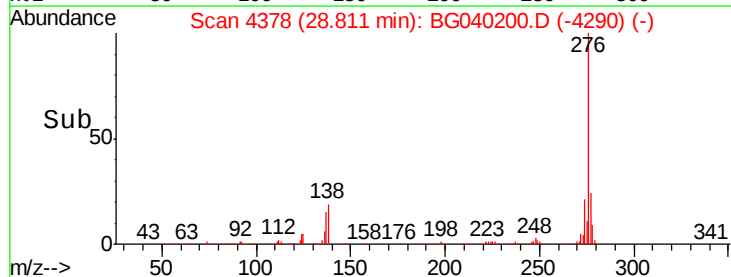
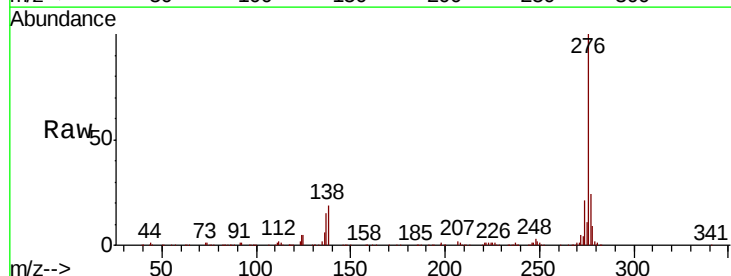
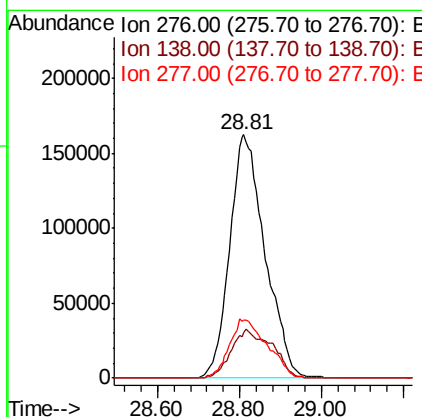
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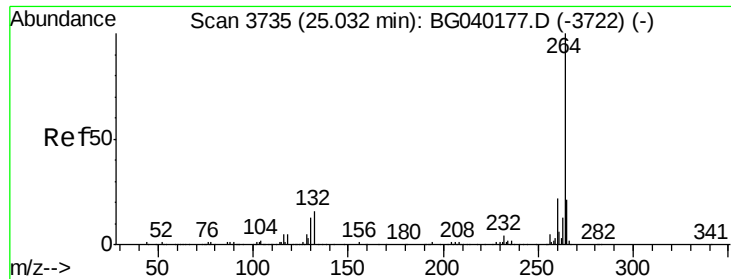
Sohil
3/29/2019 4:45:25 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 41.062 ng
RT: 28.81 min Scan# 4378
Delta R.T. -0.01 min
Lab File: BG040200.D
Acq: 28 Mar 2019 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	972983		
138	23.1		18.8	28.2
277	25.9		21.0	31.4





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.03 min Scan# 3734

Delta R.T. -0.01 min

Lab File: BG040200.D

Acq: 28 Mar 2019 15:03

Instrument :

BNA_G

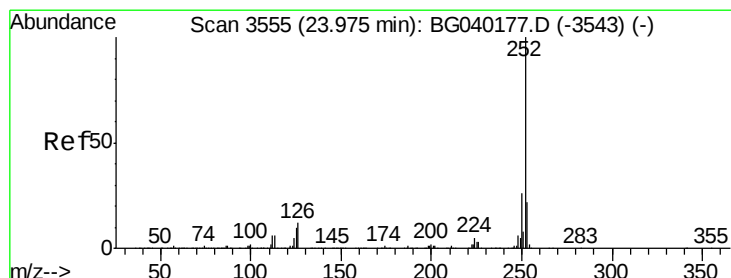
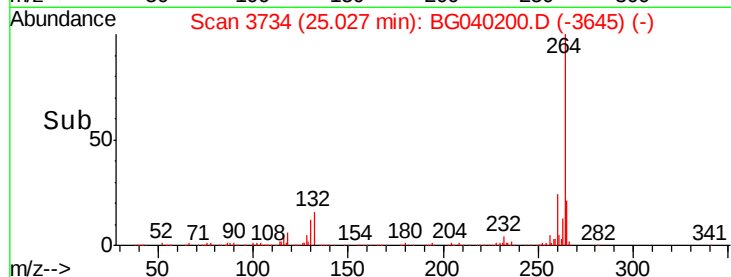
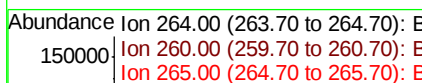
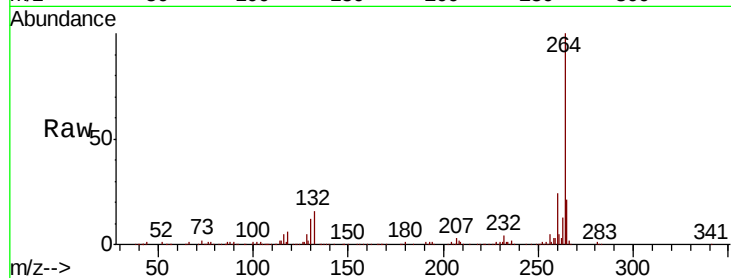
ClientSampleId :

PB118351BSD

Tot Ion:	264	Resp:	335653
Ion Ratio		Lower	Upper
264	100		
260	23.9	17.9	26.9
265	20.6	16.8	25.2

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#88

Benzo(b)fluoranthene

Concen: 41.567 ng

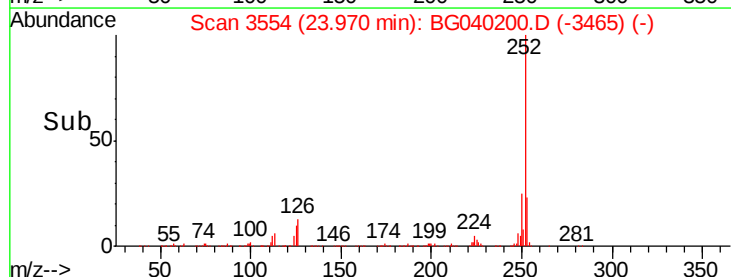
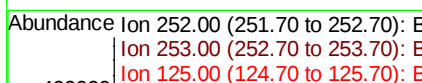
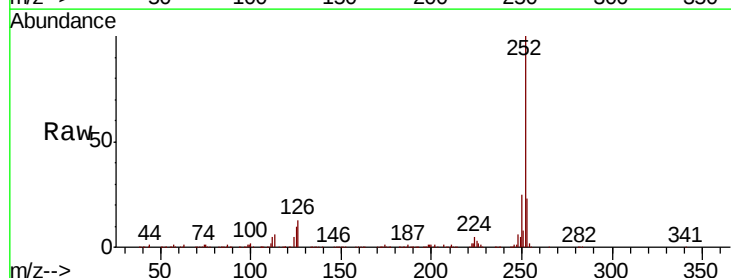
RT: 23.97 min Scan# 3554

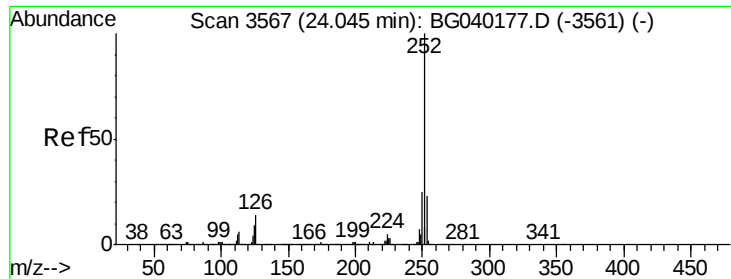
Delta R.T. -0.01 min

Lab File: BG040200.D

Acq: 28 Mar 2019 15:03

Tgt Ion:	252	Resp:	854210
Ion Ratio		Lower	Upper
252	100		
253	23.3	17.6	26.4
125	9.8	8.2	12.4





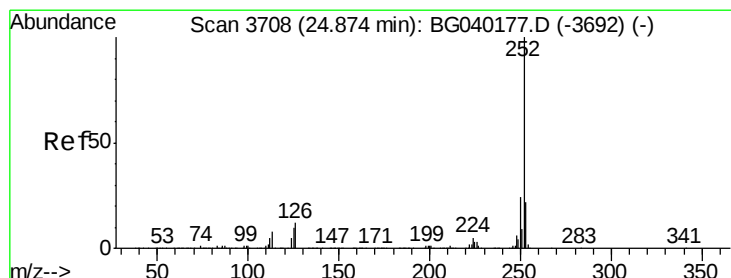
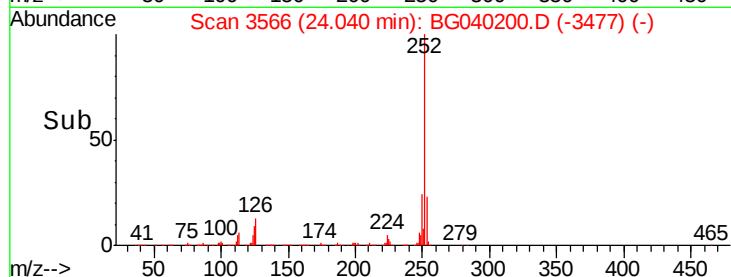
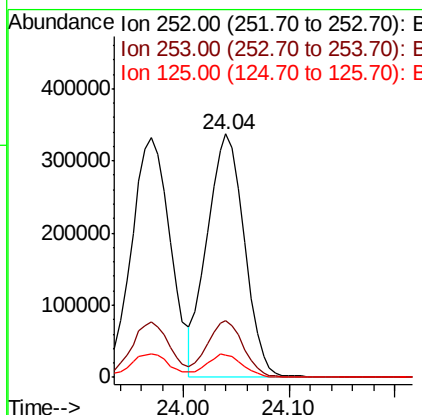
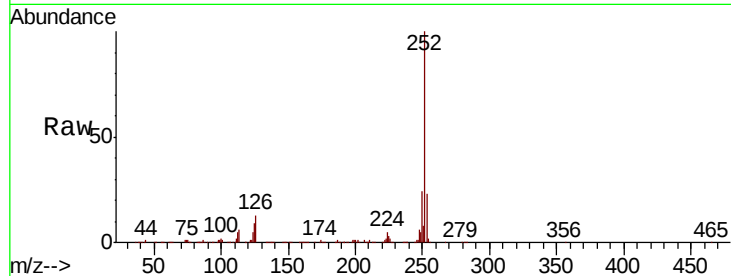
#89
Benzo(k)fluoranthene
Concen: 43.646 ng
RT: 24.04 min Scan# 3566
Delta R.T. -0.01 min
Lab File: BG040200.D
Acq: 28 Mar 2019 15:03

Instrument :
BNA_G
ClientSampleId :
PB118351BSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	824821		
253	23.0	18.6	28.0	
125	9.1	7.3	10.9	

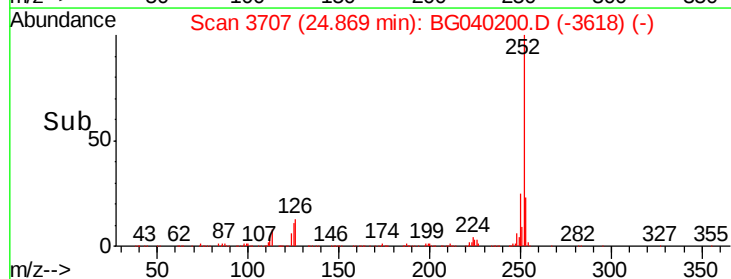
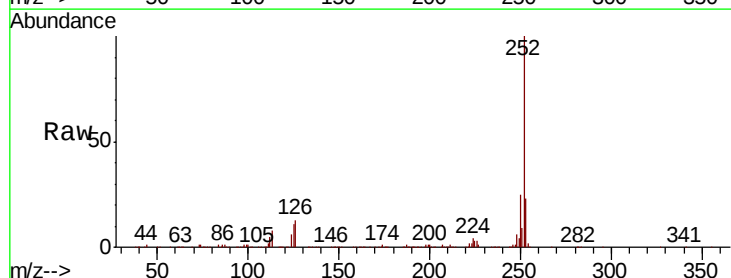
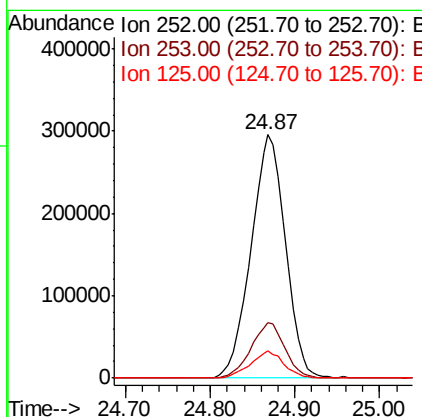
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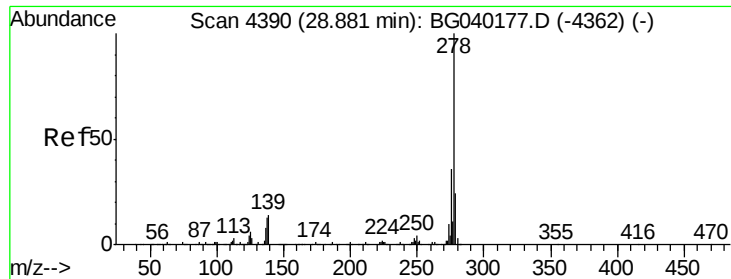
Sohil
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#90
Benzo(a)pyrene
Concen: 43.484 ng
RT: 24.87 min Scan# 3707
Delta R.T. -0.01 min
Lab File: BG040200.D
Acq: 28 Mar 2019 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	838421		
253	22.6	17.8	26.8	
125	11.0	8.3	12.5	





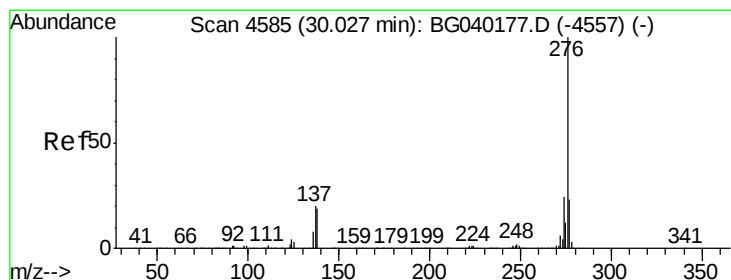
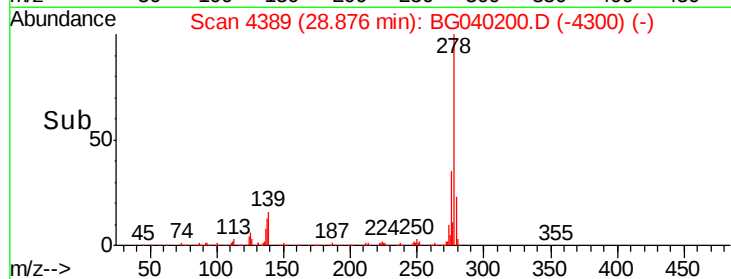
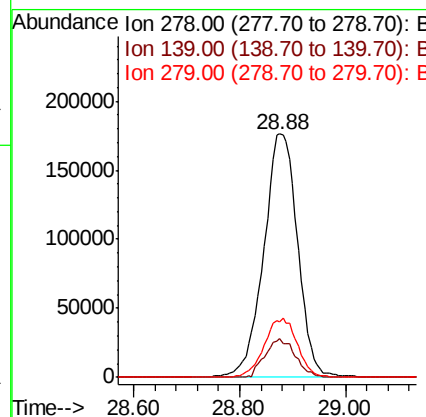
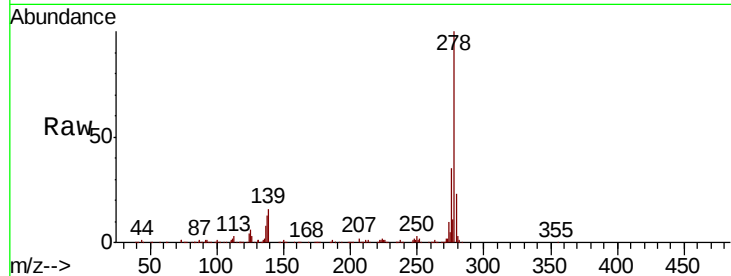
#91
Dibenzo(a,h)anthracene
Concen: 43.815 ng
RT: 28.88 min Scan# 4389
Delta R.T. -0.01 min
Lab File: BG040200.D
Acq: 28 Mar 2019 15:03

Instrument :
BNA_G
ClientSampleId :
PB118351BSD

Tot Ion:	278	Resp:	784612
Ion Ratio	Lower	Upper	
278	100		
139	16.2	11.2	16.8
279	22.9	18.9	28.3

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 44.104 ng
RT: 30.02 min Scan# 4583
Delta R.T. -0.01 min
Lab File: BG040200.D
Acq: 28 Mar 2019 15:03

Tgt Ion:	276	Resp:	811673
Ion Ratio	Lower	Upper	
276	100		
277	23.5	18.6	28.0
138	19.5	15.2	22.8

