

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081018\
 Data File : BG036284.D
 Acq On : 11 Aug 2018 1:57
 Operator : JU/SJ
 Sample : PB111938BSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB111938BSD

Manual Integrations
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Sohil
 8/13/2018 6:08:39 PM

Quant Time: Aug 11 05:15:09 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 31 12:30:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	26283	20.00	ng	-0.02
21) Naphthalene-d8	10.81	136	94085	20.00	ng	-0.03
38) Acenaphthene-d10	14.63	164	68086	20.00	ng	-0.02
63) Phenanthrene-d10	17.37	188	194510	20.00	ng	-0.02
75) Chrysene-d12	21.64	240	209001	20.00	ng	-0.02
86) Perylene-d12	24.82	264	198912	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	159100	100.50	ng	0.00
7) Phenol-d6	7.18	99	235359	99.65	ng	-0.01
23) Nitrobenzene-d5	9.17	82	235045	104.36	ng	-0.02
41) 2,4,6-Tribromophenol	16.12	330	116607	129.94	ng	-0.02
44) 2-Fluorobiphenyl	13.26	172	542543	106.76	ng	-0.02
78) Terphenyl-d14	19.98	244	953907	100.61	ng	-0.02

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.50	88	26551	32.952	ng	# 71
3) Pyridine	3.90	79	74153	35.253	ng	# 73
4) n-Nitrosodimethylamine	3.82	42	35501	39.307	ng	# 91
6) Aniline	7.33	93	67213	21.955	ng	99
8) 2-Chlorophenol	7.58	128	78653	48.850	ng	96
9) Benzaldehyde	7.15	77	58042	40.050	ng	92
10) Phenol	7.21	94	113577	47.596	ng	93
11) bis(2-Chloroethyl)ether	7.43	93	77148	41.282	ng	89
12) 1,3-Dichlorobenzene	7.90	146	87756	45.134	ng	93
13) 1,4-Dichlorobenzene	8.04	146	89610	45.360	ng	94
14) 1,2-Dichlorobenzene	8.36	146	82816	43.637	ng	95
15) Benzyl Alcohol	8.25	79	85259	39.750	ng	89
16) 2,2'-oxybis(1-Chloropropan	8.53	45	81260	51.865	ng	78
17) 2-Methylphenol	8.46	107	76575	47.198	ng	# 84
18) Hexachloroethane	9.08	117	34310	45.423	ng	92
19) n-Nitroso-di-n-propylamine	8.81	70	70305	35.348	ng	# 83
20) 3+4-Methylphenols	8.79	107	100069	44.460	ng	89
22) Acetophenone	8.83	105	134364	45.924	ng	# 87
24) Nitrobenzene	9.21	77	110922	48.972	ng	93
25) Isophorone	9.73	82	196251	46.940	ng	98
26) 2-Nitrophenol	9.92	139	46427	57.714	ng	# 81
27) 2,4-Dimethylphenol	9.98	122	79388	58.302	ng	87
28) bis(2-Chloroethoxy)methane	10.21	93	102744	44.599	ng	93
29) 2,4-Dichlorophenol	10.47	162	90030	57.921	ng	94
30) 1,2,4-Trichlorobenzene	10.67	180	101283	53.139	ng	97
31) Naphthalene	10.86	128	238134	48.589	ng	96
32) Benzoic acid	10.16	122	27303m	29.785	ng	
33) 4-Chloroaniline	10.98	127	26765	12.530	ng	# 89
34) Hexachlorobutadiene	11.14	225	80426	54.113	ng	94
35) Caprolactam	11.76	113	30115m	45.148	ng	
36) 4-Chloro-3-methylphenol	12.10	107	109773	52.687	ng	91
37) 2-Methylnaphthalene	12.46	142	182215	49.904	ng	# 90
39) 1,2,4,5-Tetrachlorobenzene	12.83	216	134528	52.350	ng	98
40) Hexachlorocyclopentadiene	12.80	237	164367	121.960	ng	94

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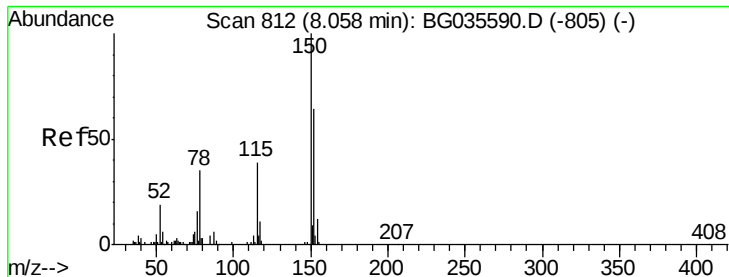
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.07	196	84181	56.015	ng	100
43) 2,4,5-Trichlorophenol	13.16	196	93514	55.623	ng	97
45) 1,1'-Biphenyl	13.47	154	260843	49.415	ng	98
46) 2-Chloronaphthalene	13.51	162	207334	50.496	ng	100
47) 2-Nitroaniline	13.72	65	73522	50.649	ng	97
48) Acenaphthylene	14.35	152	342617	49.814	ng	97
49) Dimethylphthalate	14.09	163	289996	48.614	ng	100
50) 2,6-Dinitrotoluene	14.21	165	69579	57.278	ng	93
51) Acenaphthene	14.70	154	198758	46.390	ng	97
52) 3-Nitroaniline	14.55	138	29315	23.611	ng	# 93
53) 2,4-Dinitrophenol	14.75	184	49261	78.952	ng	# 72
54) Dibenzofuran	15.03	168	346583	50.863	ng	92
55) 4-Nitrophenol	14.87	139	69644	78.765	ng	# 80
56) 2,4-Dinitrotoluene	15.00	165	98898	56.748	ng	90
57) Fluorene	15.68	166	290127	50.800	ng	93
58) 2,3,4,6-Tetrachlorophenol	15.26	232	98380	61.032	ng	91
59) Diethylphthalate	15.45	149	291914	47.590	ng	97
60) 4-Chlorophenyl-phenylether	15.67	204	170668	50.844	ng	92
61) 4-Nitroaniline	15.71	138	62119	47.830	ng	# 76
62) Azobenzene	15.96	77	294737	48.714	ng	96
64) 4,6-Dinitro-2-methylphenol	15.76	198	53599	49.502	ng	91
65) n-Nitrosodiphenylamine	15.89	169	257771	46.559	ng	96
66) 4-Bromophenyl-phenylether	16.56	248	120297	53.308	ng	97
67) Hexachlorobenzene	16.69	284	121928	52.467	ng	94
68) Atrazine	16.83	200	124759	54.730	ng	97
69) Pentachlorophenol	17.03	266	105721	74.689	ng	98
70) Phenanthrene	17.42	178	479918	49.447	ng	97
71) Anthracene	17.51	178	495636	51.286	ng	99
72) Carbazole	17.79	167	434486	47.340	ng	99
73) Di-n-butylphthalate	18.33	149	510474	47.067	ng	# 99
74) Fluoranthene	19.42	202	647562	49.533	ng	96
76) Benzidine	19.61	184	148464	27.020	ng	98
77) Pyrene	19.79	202	648006	49.034	ng	99
79) Butylbenzylphthalate	20.67	149	239159	50.606	ng	# 94
80) Benzo(a)anthracene	21.62	228	650986	49.982	ng	98
81) 3,3'-Dichlorobenzidine	21.54	252	135538	29.845	ng	# 97
82) Chrysene	21.69	228	610955	50.620	ng	97
83) Bis(2-ethylhexyl)phthalate	21.52	149	323019	50.277	ng	99
84) Di-n-octyl phthalate	22.71	149	548060	50.947	ng	# 92
85) Indeno(1,2,3-cd)pyrene	28.45	276	645232	48.287	ng	# 85
87) Benzo(b)fluoranthene	23.82	252	614818	50.854	ng	# 96
88) Benzo(k)fluoranthene	23.88	252	602120	50.943	ng	# 95
89) Benzo(a)pyrene	24.68	252	596484	53.033	ng	# 96
90) Dibenzo(a,h)anthracene	28.51	278	522806	47.347	ng	# 95
91) Benzo(g,h,i)perylene	29.58	276	539536	49.933	ng	# 93

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



#1

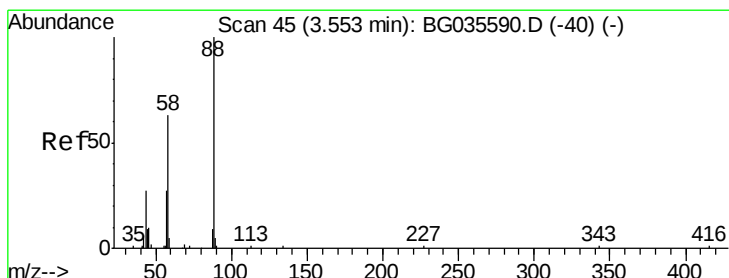
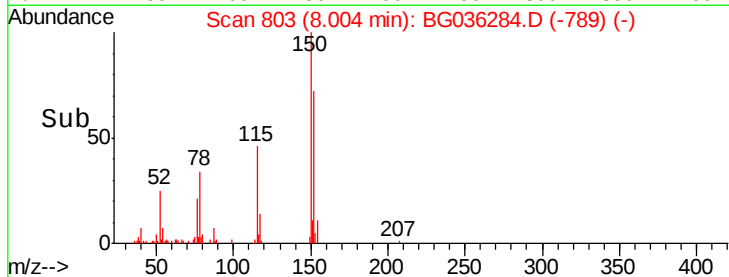
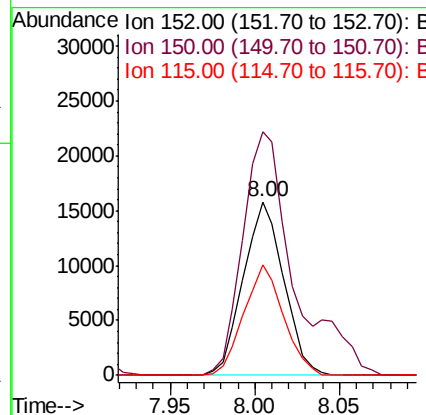
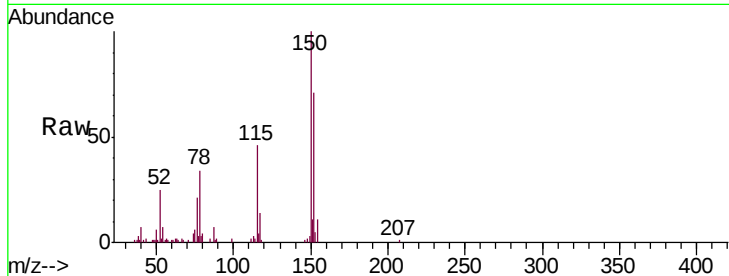
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 803
Delta R.T. -0.02 min
Lab File: BG036284.D
Acq: 11 Aug 2018 1:57

Instrument :
BNA_G
ClientSampleId :
PB111938BSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	140.4	126.6	189.8
115	64.0	53.0	79.4

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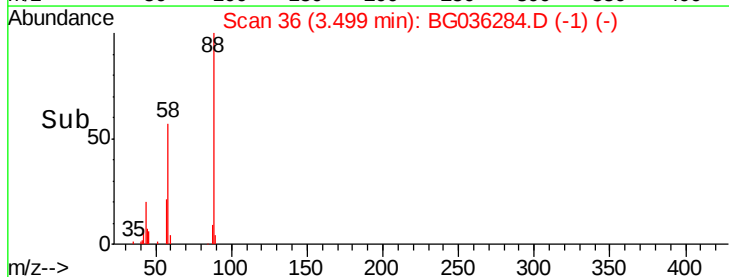
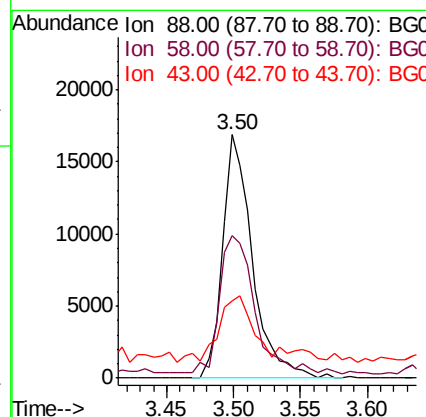
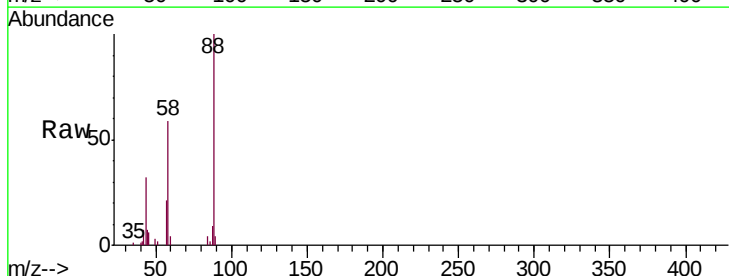
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#2

1,4-Dioxane
Concen: 32.952 ng
RT: 3.50 min Scan# 36
Delta R.T. -0.03 min
Lab File: BG036284.D
Acq: 11 Aug 2018 1:57

Tgt Ion	Ratio	Lower	Upper
88	100		
58	65.8	79.6	119.4#
43	25.0	27.4	41.0#





#3

Pyridine

Concen: 35.253 ng

RT: 3.90 min Scan# 104

Delta R.T. -0.02 min

Lab File: BG036284.D

Acq: 11 Aug 2018 1:57

Instrument :

BNA_G

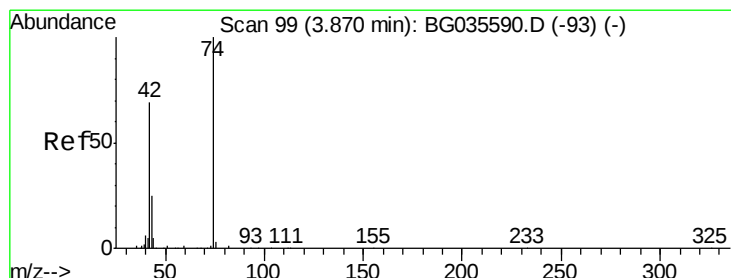
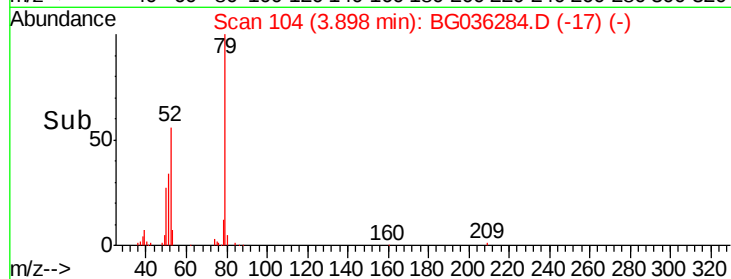
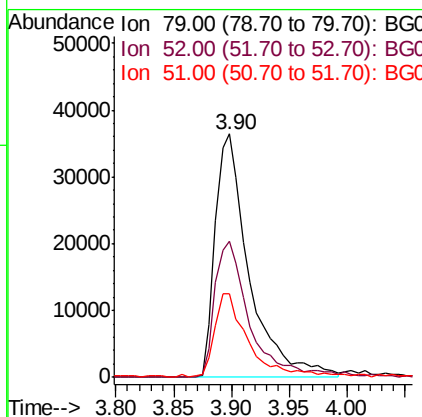
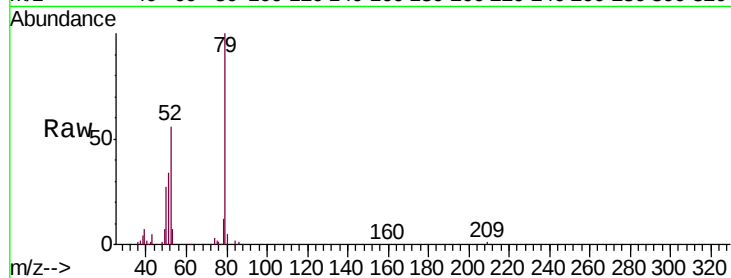
ClientSampleId :

PB111938BSD

Tgt Ion	Ratio	Lower	Upper
79	100		
52	55.9	69.9	104.9#
51	34.2	34.0	51.0

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#4

n-Nitrosodimethylamine

Concen: 39.307 ng

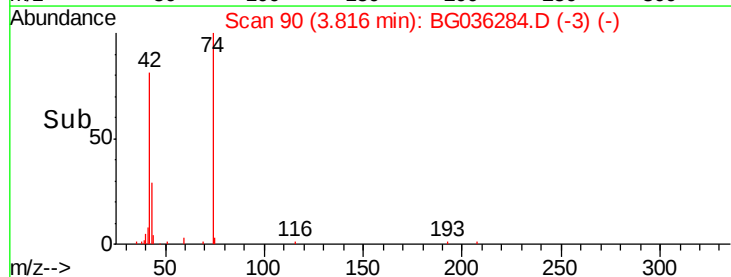
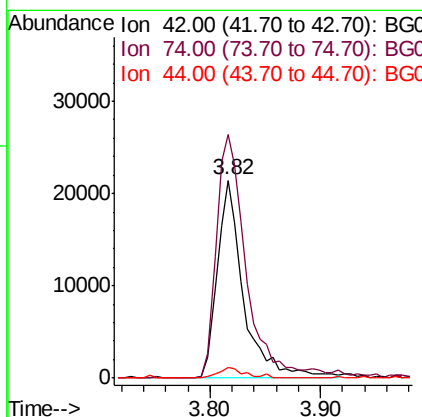
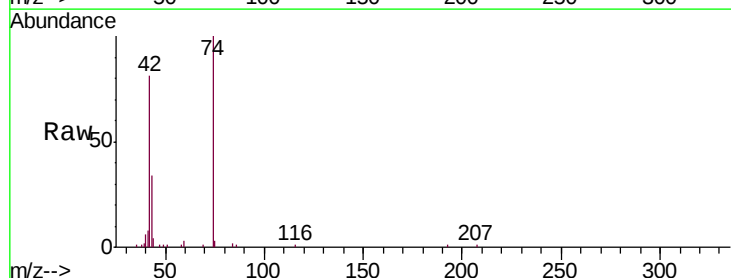
RT: 3.82 min Scan# 90

Delta R.T. -0.02 min

Lab File: BG036284.D

Acq: 11 Aug 2018 1:57

Tgt Ion	Ratio	Lower	Upper
42	100		
74	123.1	102.5	153.7
44	5.4	18.9	28.3#





#5

2-Fluorophenol

Concen: 100.500 ng

RT: 5.60 min Scan# 393

Delta R.T. -0.01 min

Lab File: BG036284.D

Acq: 11 Aug 2018 1:57

Instrument :

BNA_G

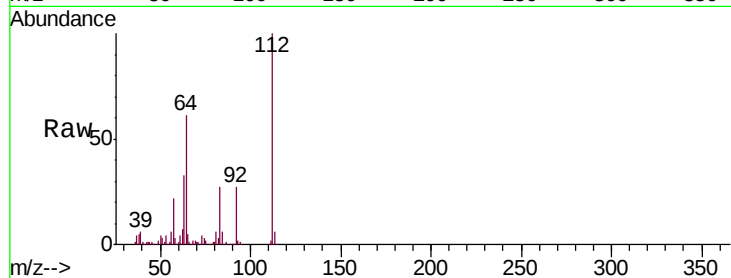
ClientSampleId :

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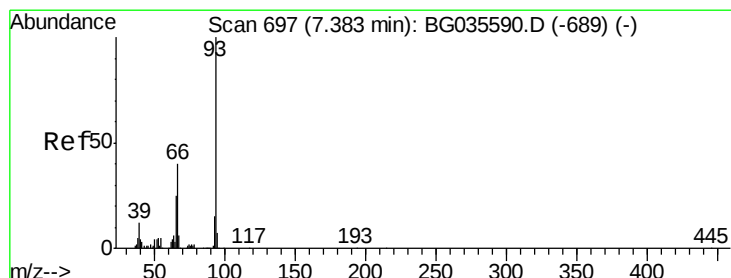
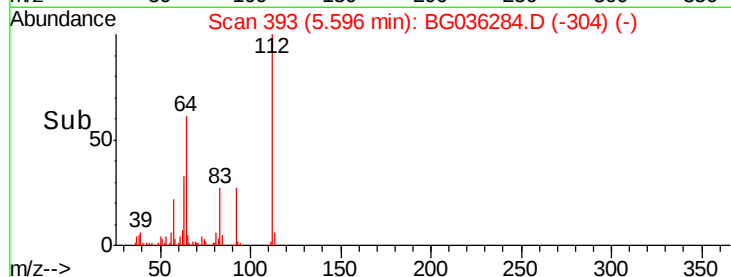
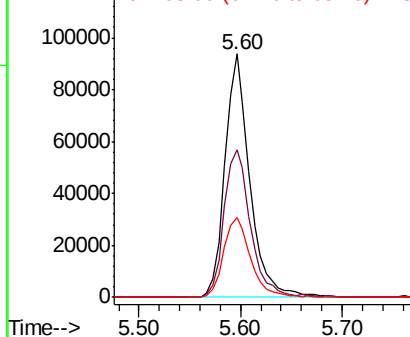
Tgt Ion:	112	Resp:	159100
Ion Ratio	Lower	Upper	
112	100		
64	60.7	56.3	84.5
63	32.8	30.1	45.1

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Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 21.955 ng

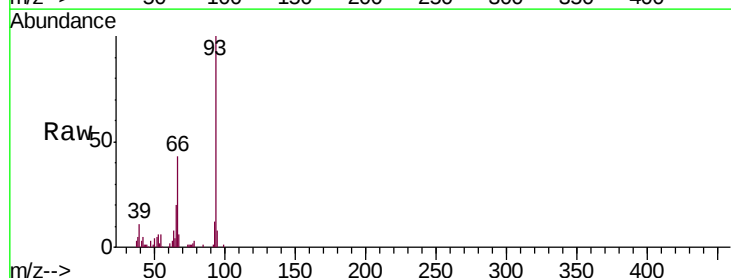
RT: 7.33 min Scan# 689

Delta R.T. -0.02 min

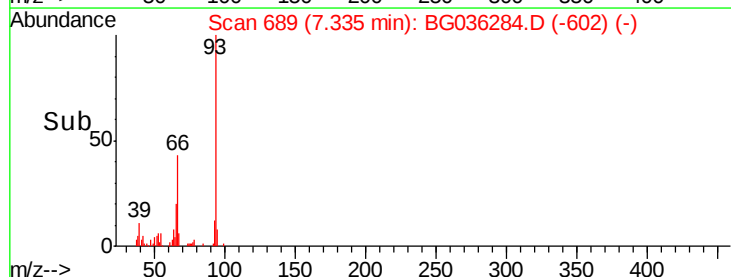
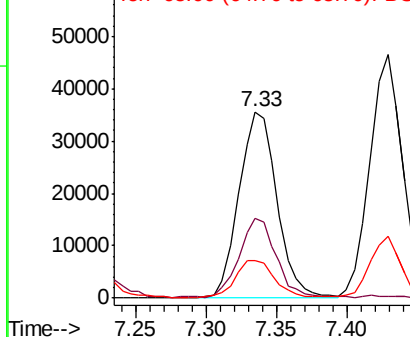
Lab File: BG036284.D

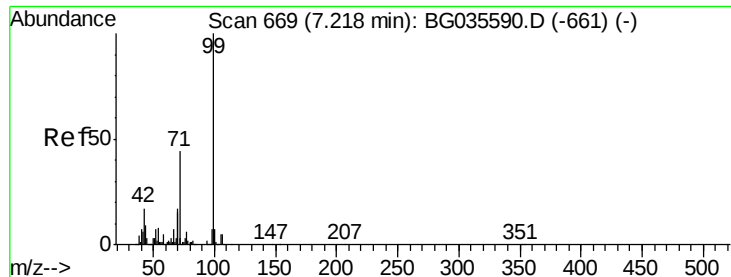
Acq: 11 Aug 2018 1:57

Tgt Ion:	93	Resp:	67213
Ion Ratio	Lower	Upper	
93	100		
66	42.9	33.7	50.5
65	20.0	16.1	24.1



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 99.646 ng

RT: 7.18 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG036284.D

Acq: 11 Aug 2018 1:57

Instrument :

BNA_G

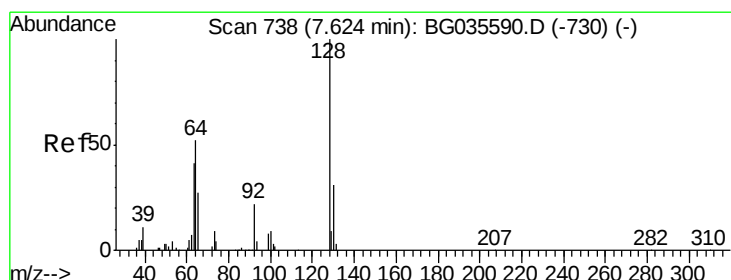
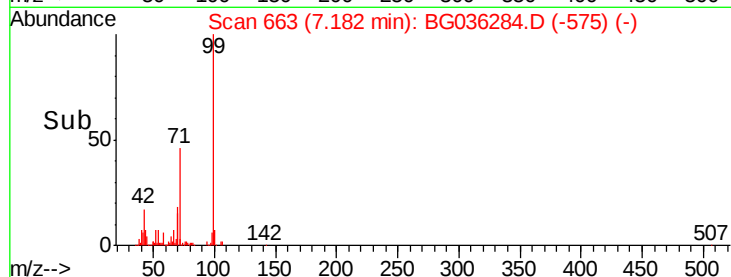
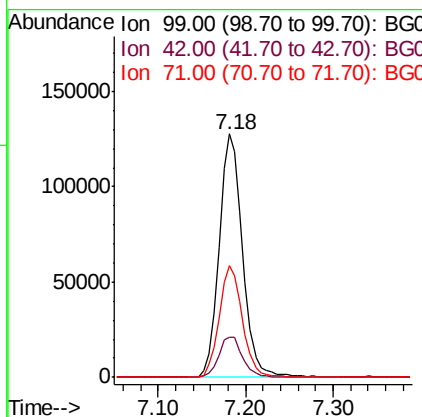
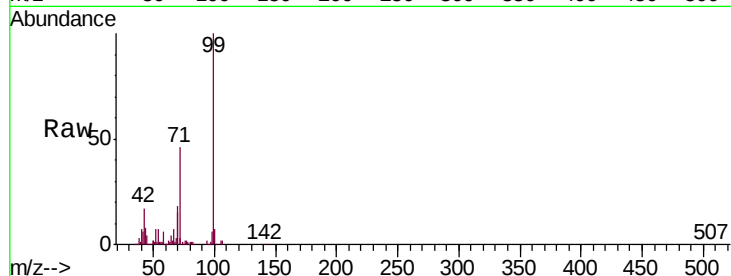
ClientSampleId :

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Tgt Ion:	99	Resp:	235359
Ion Ratio	Lower	Upper	
99	100		
42	16.6	14.1	21.1
71	46.1	26.1	39.1#

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#8

2-Chlorophenol

Concen: 48.850 ng

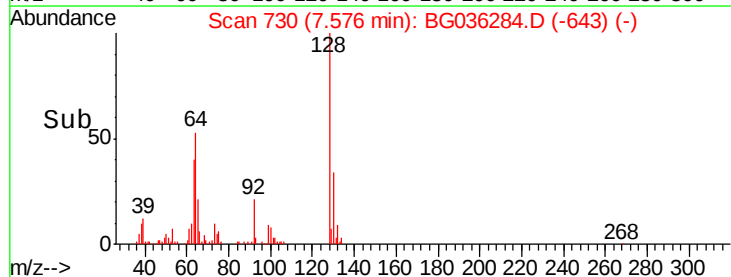
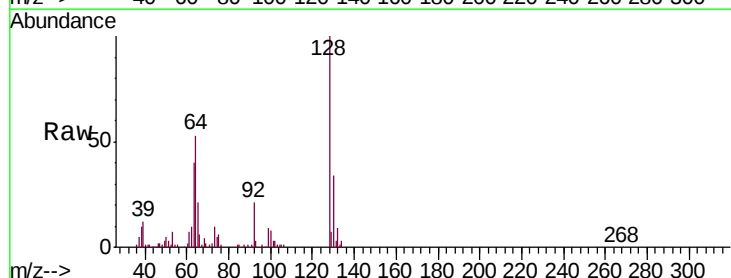
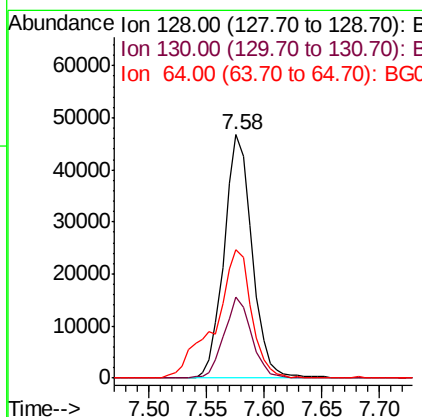
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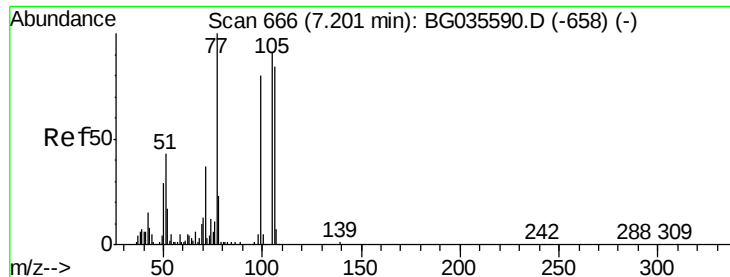
Delta R.T. -0.02 min

Lab File: BG036284.D

Acq: 11 Aug 2018 1:57

Tgt Ion:	128	Resp:	78653
Ion Ratio	Lower	Upper	
128	100		
130	33.6	14.0	54.0
64	52.9	37.7	77.7





#9

Benzaldehyde

Concen: 40.050 ng

RT: 7.15 min Scan# 658

Delta R.T. -0.01 min

Lab File: BG036284.D

Acq: 11 Aug 2018 1:57

Instrument :

BNA_G

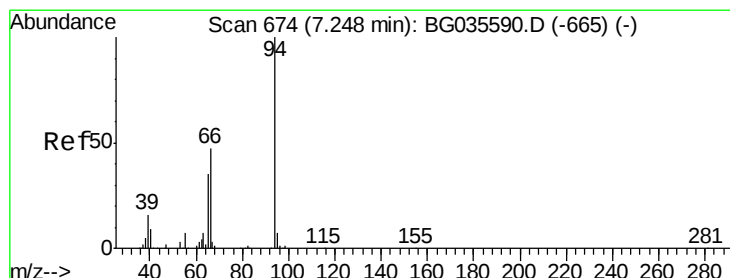
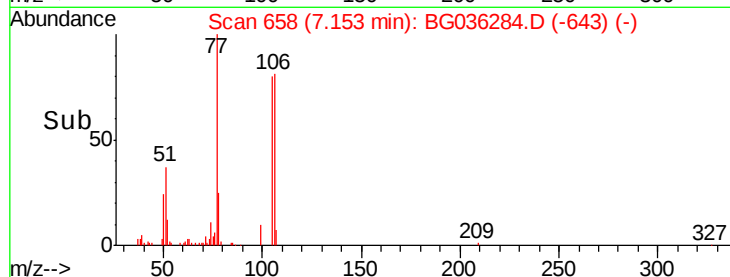
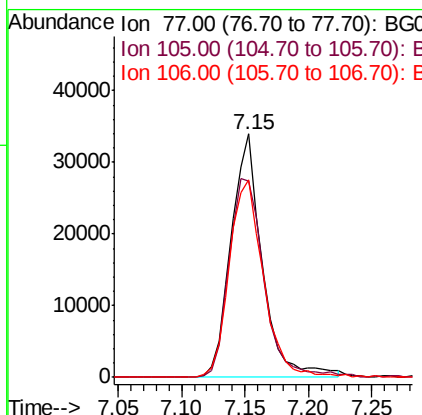
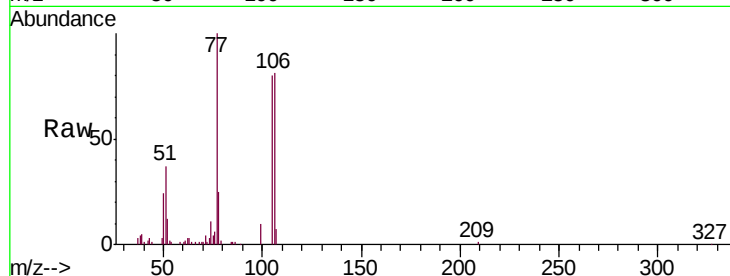
ClientSampleId :

PB111938BSD

Tgt Ion:	77	Resp:	58042
Ion Ratio	Lower	Upper	
77	100		
105	80.4	71.3	111.3
106	81.2	64.2	104.2

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#10

Phenol

Concen: 47.596 ng

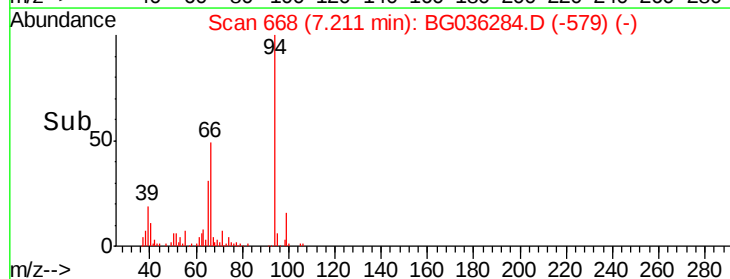
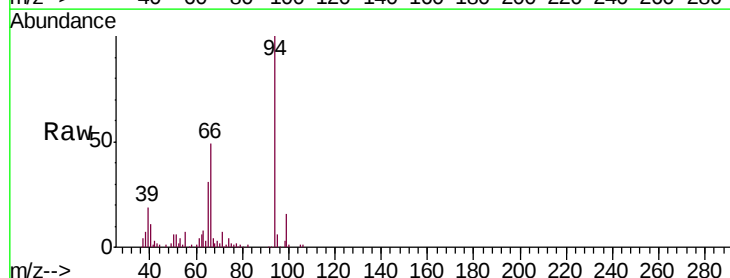
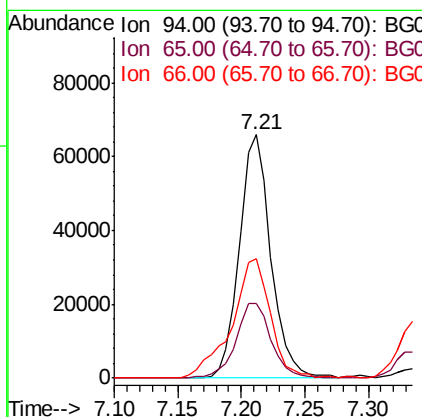
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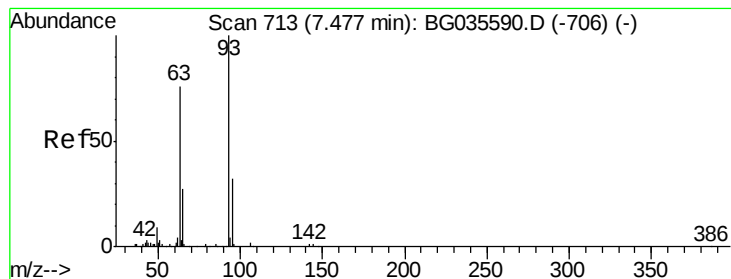
Delta R.T. -0.01 min

Lab File: BG036284.D

Acq: 11 Aug 2018 1:57

Tgt Ion:	94	Resp:	113577
Ion Ratio	Lower	Upper	
94	100		
65	30.8	11.9	51.9
66	49.2	22.2	62.2





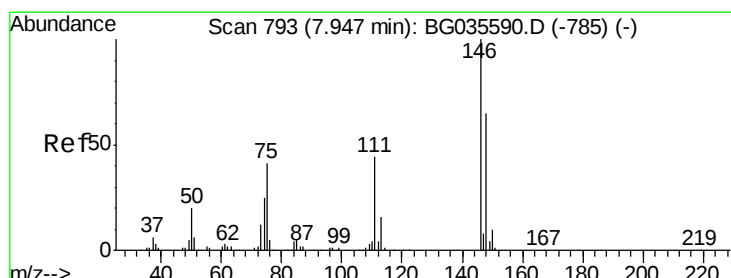
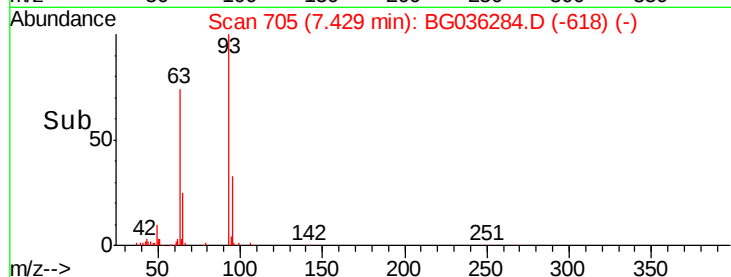
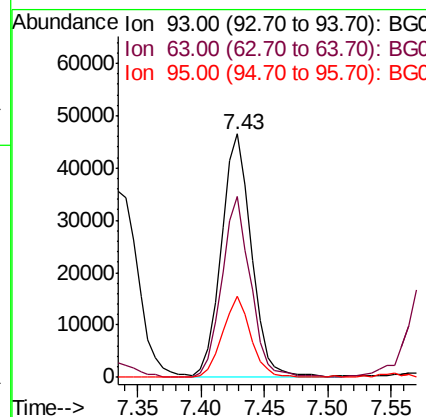
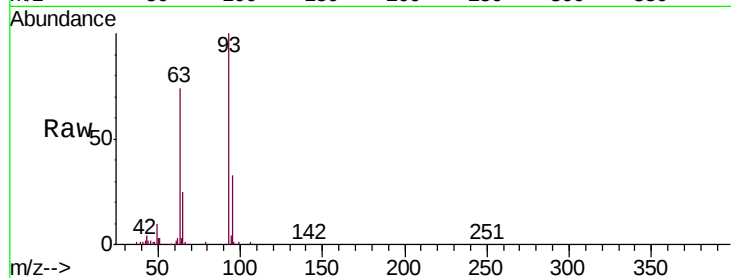
#11
bis(2-Chloroethyl)ether
Concen: 41.282 ng
RT: 7.43 min Scan# 705
Delta R.T. -0.02 min
Lab File: BG036284.D
Acq: 11 Aug 2018 1:57

Instrument :
BNA_G
ClientSampleId :
PB111938BSD

Tgt Ion	Ratio	Lower	Upper
93	100		
63	74.1	67.1	107.1
95	33.1	11.5	51.5

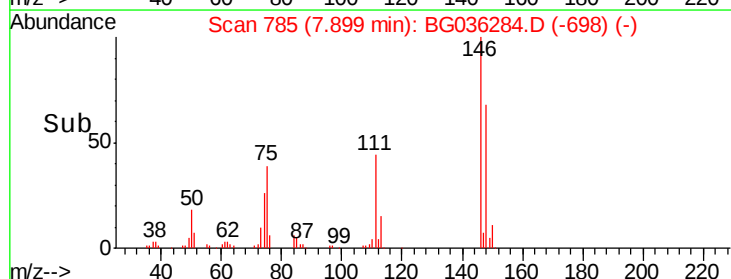
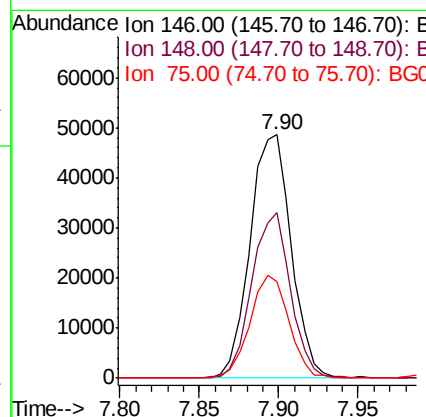
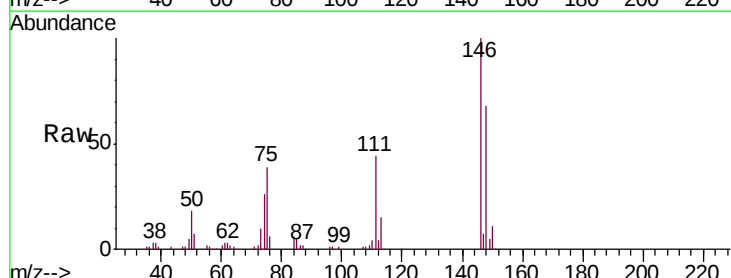
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#12
1,3-Dichlorobenzene
Concen: 45.134 ng
RT: 7.90 min Scan# 785
Delta R.T. -0.02 min
Lab File: BG036284.D
Acq: 11 Aug 2018 1:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.9	51.4	77.2
75	39.5	26.6	39.8





#13

1,4-Dichlorobenzene

Concen: 45.360 ng

RT: 8.04 min Scan# 809

Delta R.T. -0.03 min

Lab File: BG036284.D

Acq: 11 Aug 2018 1:57

Instrument :

BNA_G

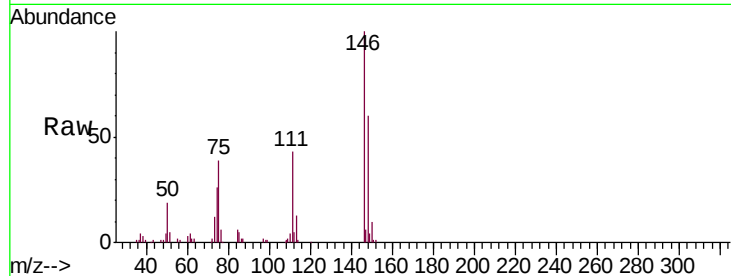
ClientSampleId :

PB111938BSD

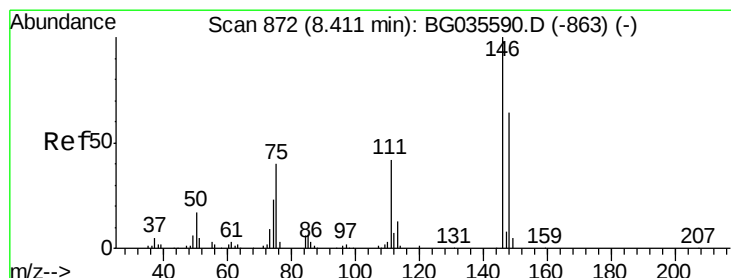
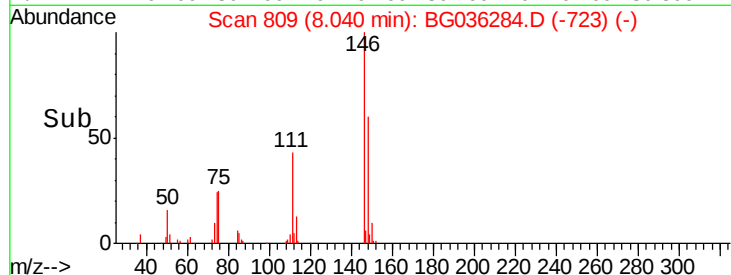
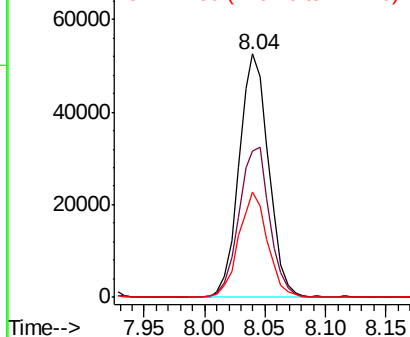
Tgt Ion:	146	Resp:	89610
Ion Ratio	Lower	Upper	
146	100		
148	60.2	53.7	80.5
111	43.3	35.2	52.8

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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: 43.637 ng

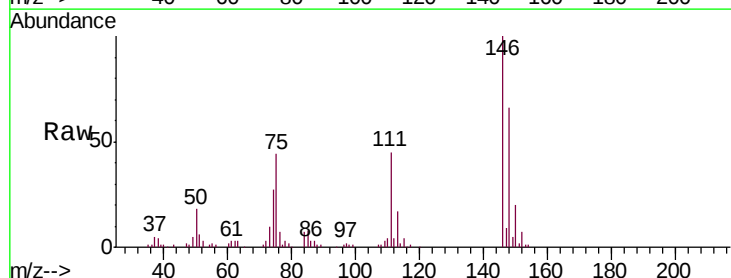
RT: 8.36 min Scan# 863

Delta R.T. -0.03 min

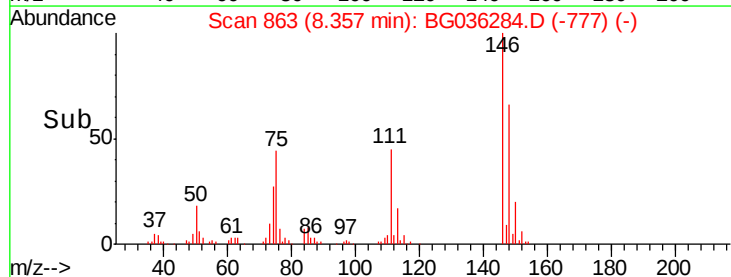
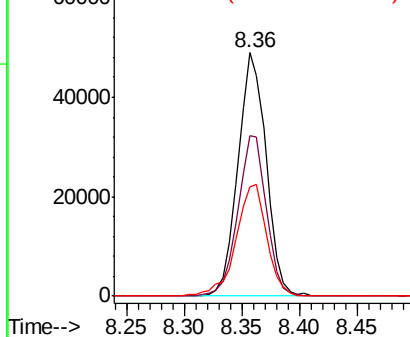
Lab File: BG036284.D

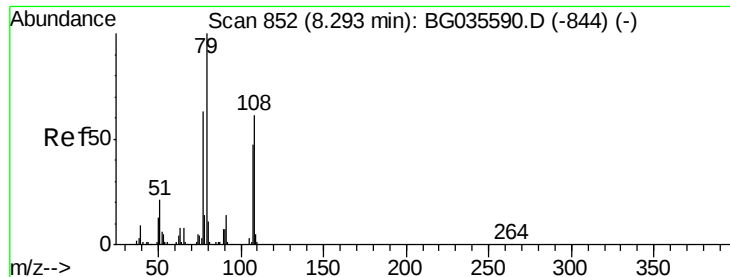
Acq: 11 Aug 2018 1:57

Tgt Ion:	146	Resp:	82816
Ion Ratio	Lower	Upper	
146	100		
148	66.1	49.3	73.9
111	45.1	34.3	51.5



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: 39.750 ng

RT: 8.25 min Scan# 845

Delta R.T. -0.01 min

Lab File: BG036284.D

Acq: 11 Aug 2018 1:57

Instrument :

BNA_G

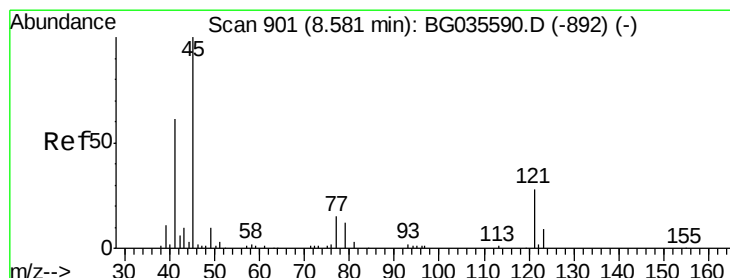
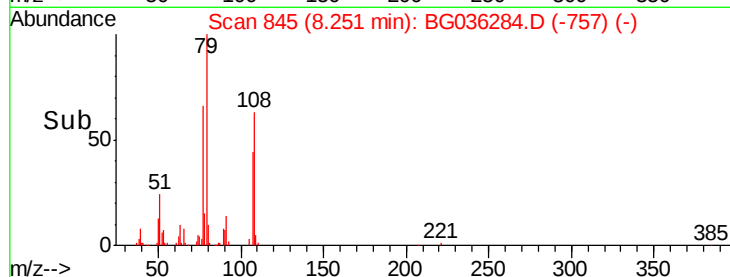
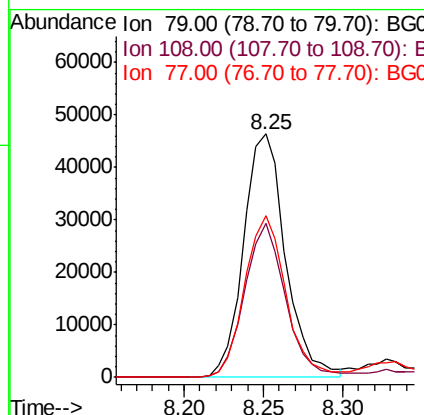
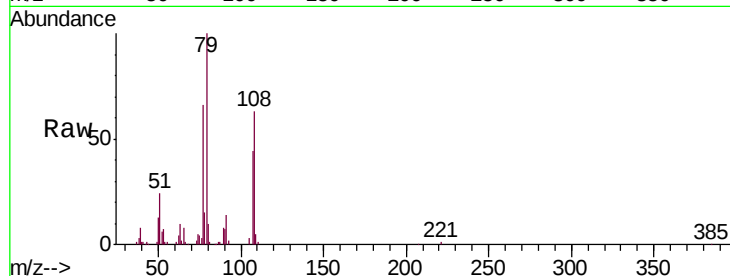
ClientSampleId :

PB111938BSD

Tgt Ion:	79	Resp:	85259
Ion Ratio	Lower	Upper	
79	100		
108	63.0	57.2	85.8
77	66.5	46.1	69.1

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 51.865 ng

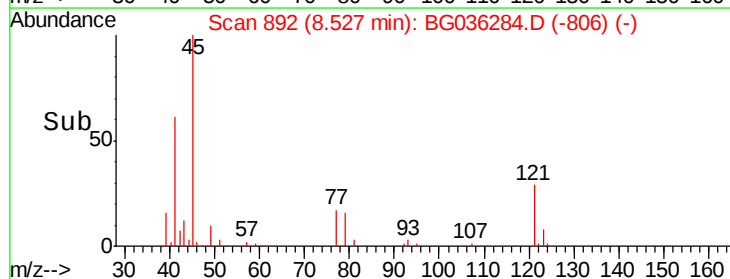
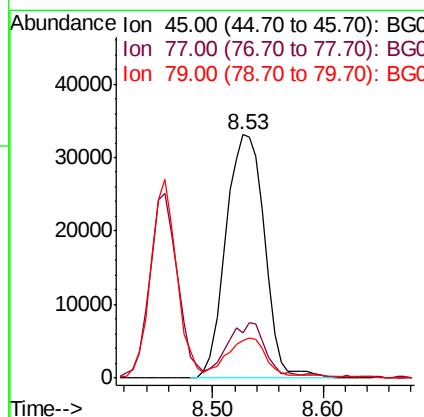
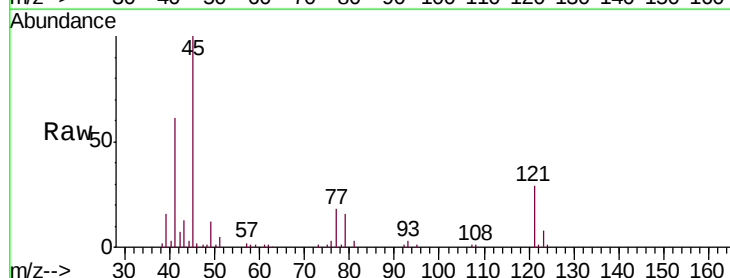
RT: 8.53 min Scan# 892

Delta R.T. -0.03 min

Lab File: BG036284.D

Acq: 11 Aug 2018 1:57

Tgt Ion:	45	Resp:	81260
Ion Ratio	Lower	Upper	
45	100		
77	18.4	0.0	30.2
79	15.5	0.0	27.9





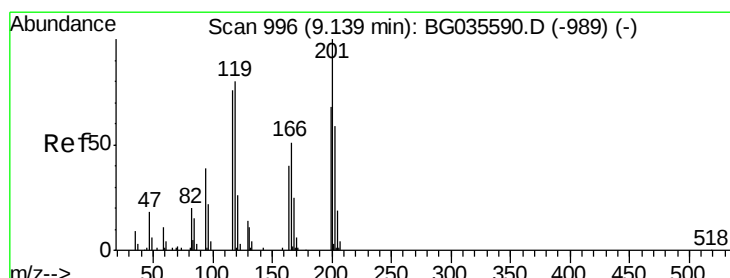
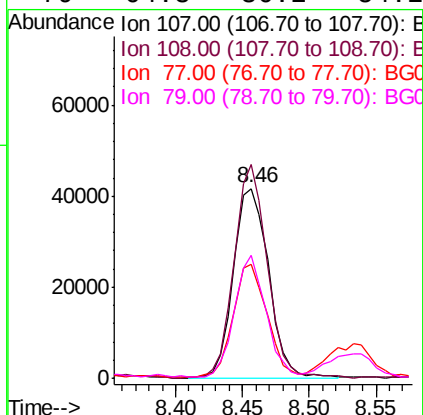
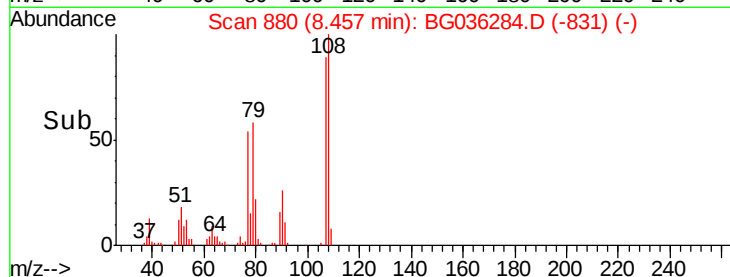
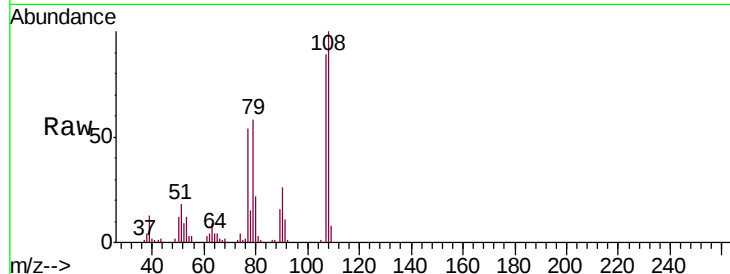
#17
2-Methylphenol
Concen: 47.198 ng
RT: 8.46 min Scan# 880
Delta R.T. -0.01 min
Lab File: BG036284.D
Acq: 11 Aug 2018 1:57

Instrument :
BNA_G
ClientSampleId :
PB111938BSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.5	83.9	125.9	
77	60.3	37.2	55.8	
79	64.8	36.2	54.2	

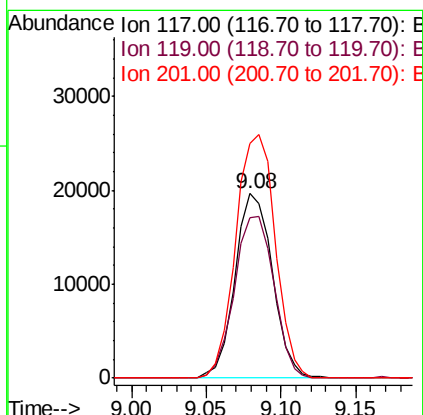
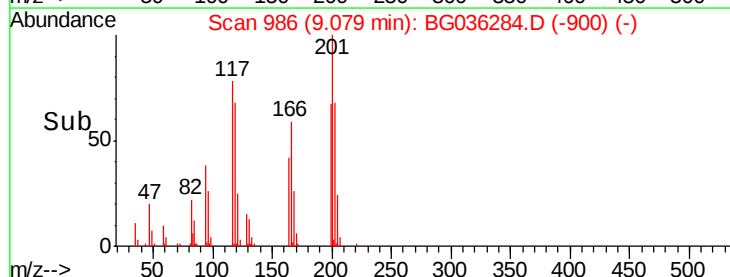
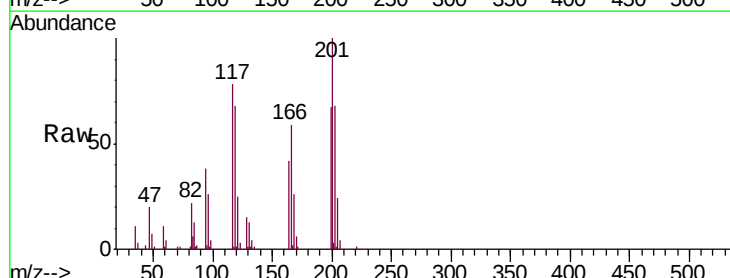
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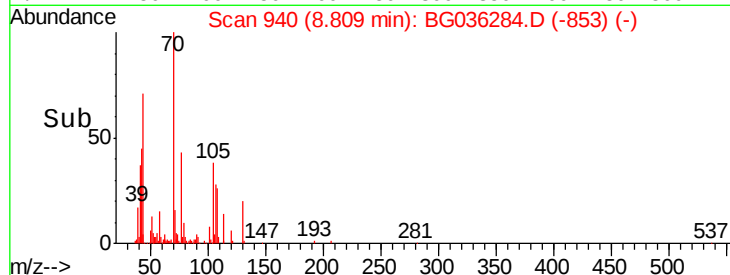
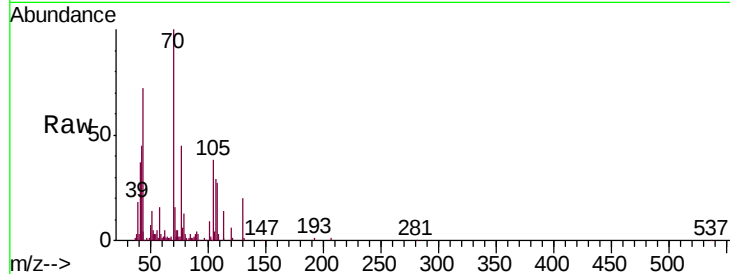
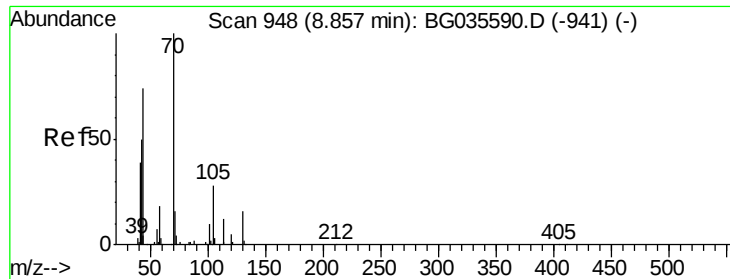
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#18
Hexachloroethane
Concen: 45.423 ng
RT: 9.08 min Scan# 986
Delta R.T. -0.03 min
Lab File: BG036284.D
Acq: 11 Aug 2018 1:57

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	87.2	76.7	115.1	
201	127.7	95.7	143.5	





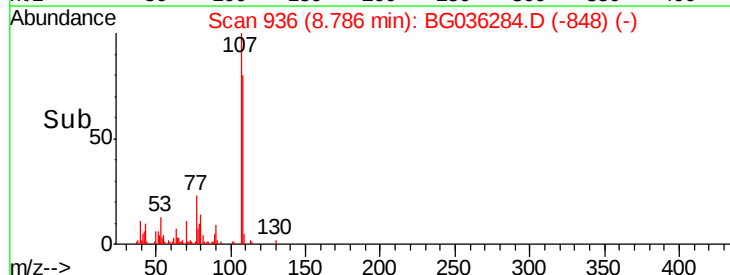
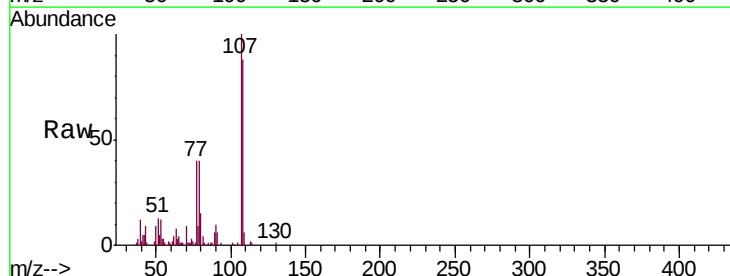
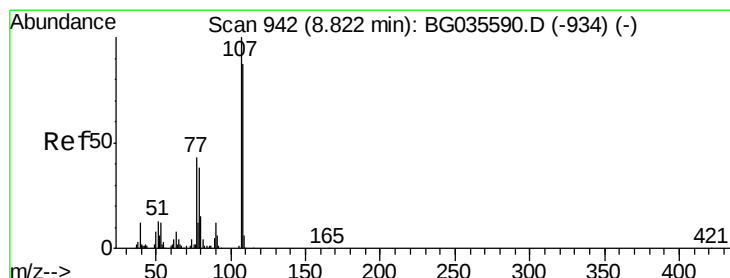
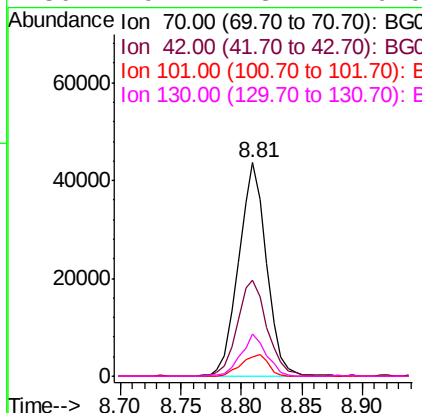
#19
n-Nitroso-di-n-propylamine
Concen: 35.348 ng
RT: 8.81 min Scan# 940
Delta R.T. -0.02 min
Lab File: BG036284.D
Acq: 11 Aug 2018 1:57

Tgt Ion	Ratio	Lower	Upper
70	100		
42	45.1	49.1	73.7#
101	8.8	8.5	12.7
130	19.7	13.4	20.0

Instrument :
BNA_G
ClientSampleId :
PB111938BSD

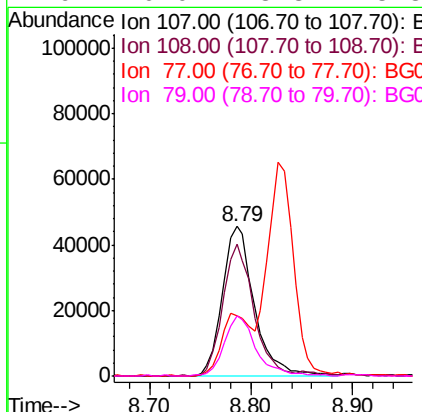
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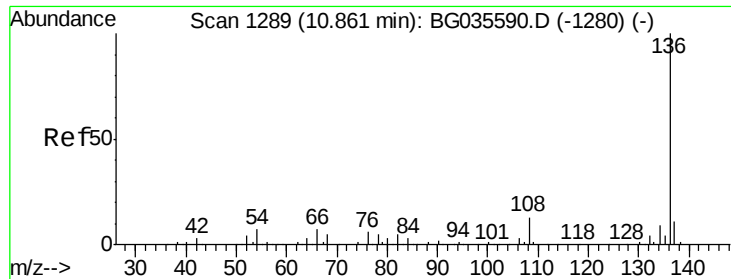
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#20
3+4-Methylphenols
Concen: 44.460 ng
RT: 8.79 min Scan# 936
Delta R.T. -0.01 min
Lab File: BG036284.D
Acq: 11 Aug 2018 1:57

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.2	61.6	101.6
77	40.0	13.9	53.9
79	40.0	8.8	48.8





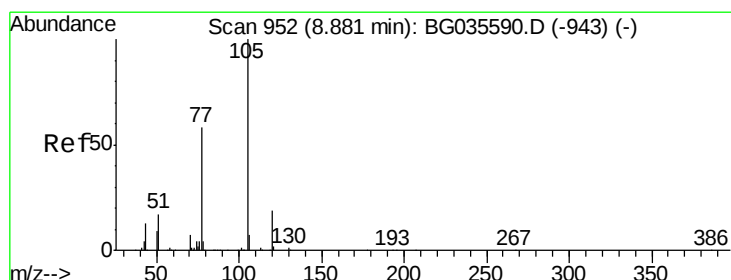
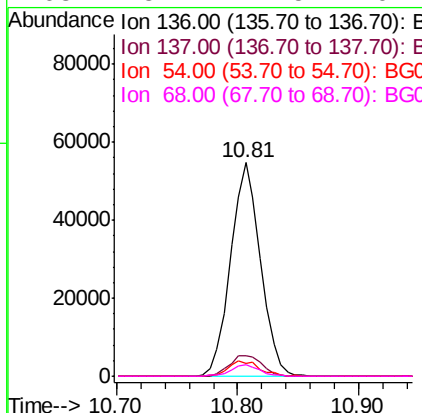
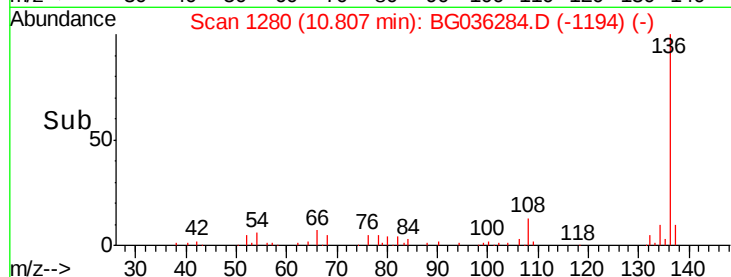
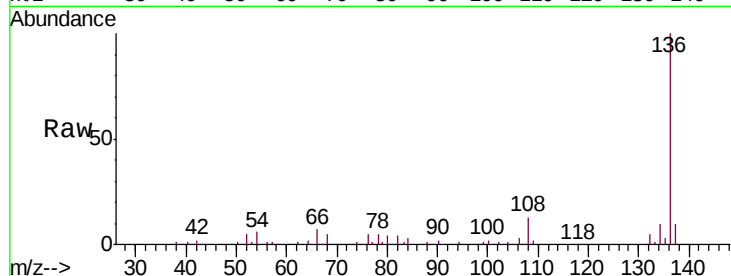
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1280
Delta R.T. -0.03 min
Lab File: BG036284.D
Acq: 11 Aug 2018 1:57

Instrument :
BNA_G
ClientSampleId :
PB111938BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	9.8	9.2	13.8
54	6.2	10.3	15.5#
68	5.4	4.5	6.7

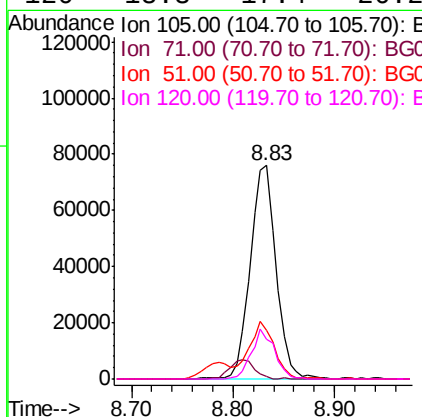
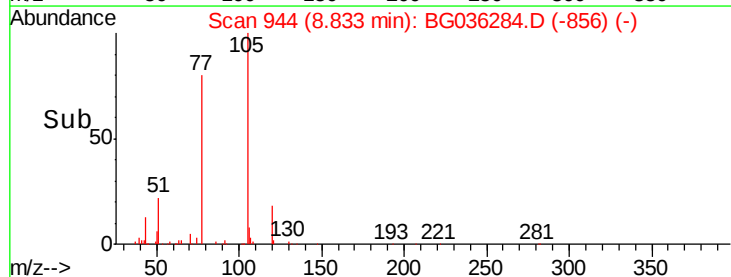
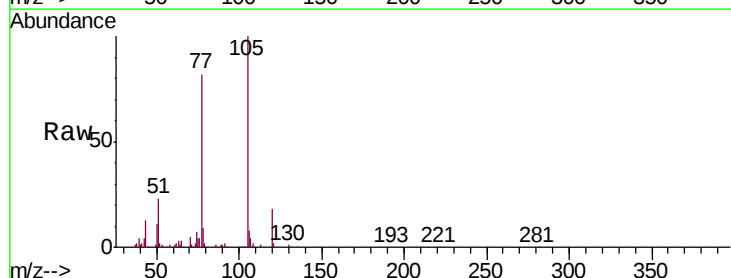
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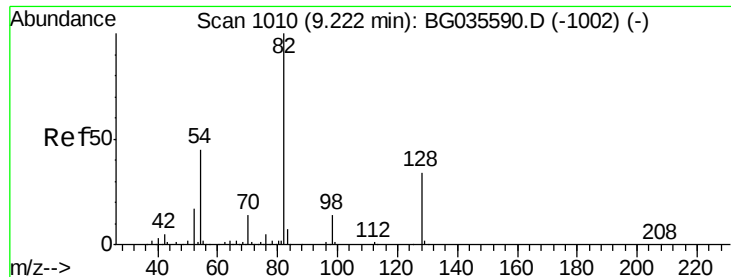
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#22
Acetophenone
Concen: 45.924 ng
RT: 8.83 min Scan# 944
Delta R.T. -0.01 min
Lab File: BG036284.D
Acq: 11 Aug 2018 1:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
71	1.0	3.0	4.4#
51	22.7	26.1	39.1#
120	18.3	17.4	26.2





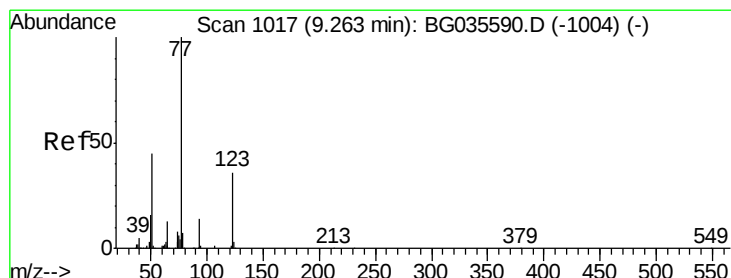
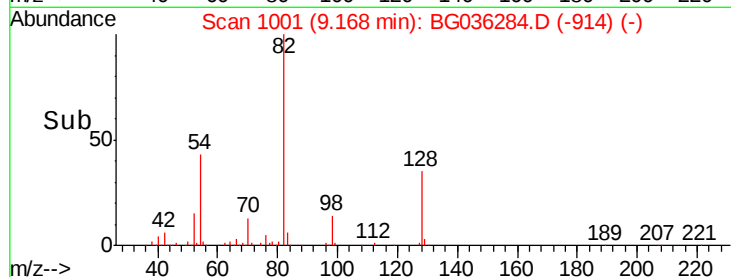
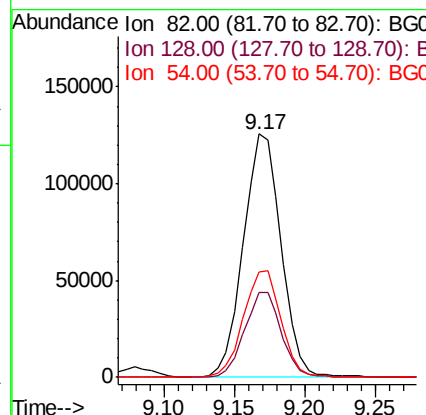
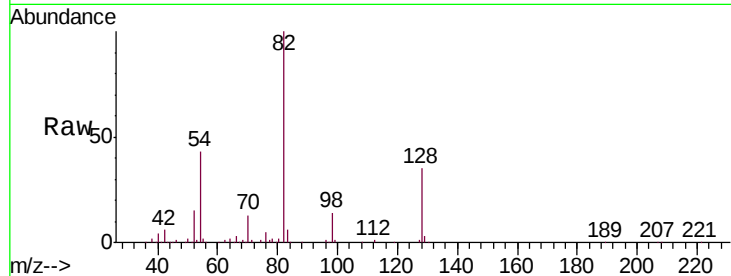
#23
 Nitrobenzene-d5
 Concen: 104.362 ng
 RT: 9.17 min Scan# 1001
 Delta R.T. -0.02 min
 Lab File: BG036284.D
 Acq: 11 Aug 2018 1:57

Instrument :
 BNA_G
 ClientSampleId :
 PB111938BSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	34.9	29.7	44.5
54	43.4	43.1	64.7

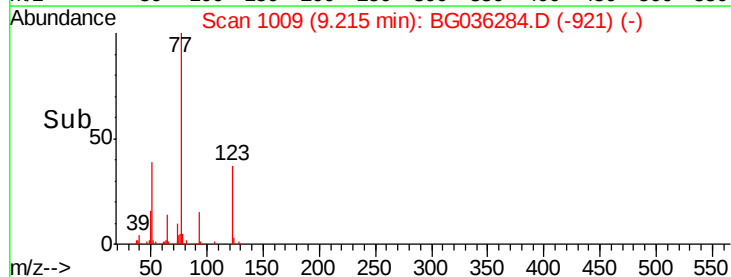
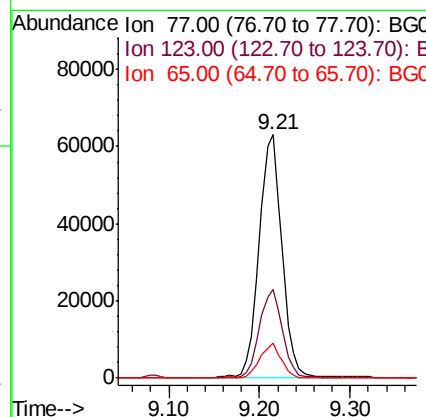
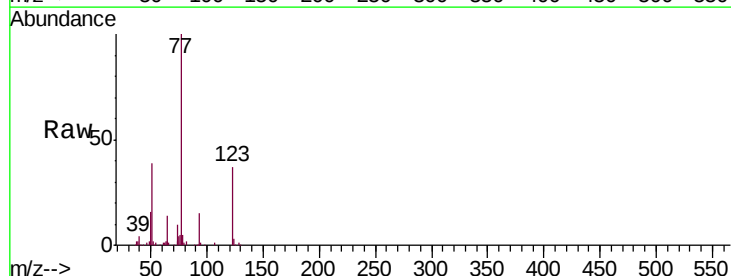
Manual Integrations
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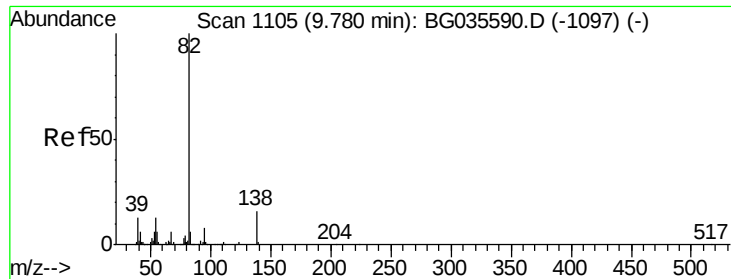
Sohil
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#24
 Nitrobenzene
 Concen: 48.972 ng
 RT: 9.21 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BG036284.D
 Acq: 11 Aug 2018 1:57

Tgt Ion	Ratio	Lower	Upper
77	100		
123	36.5	33.0	49.6
65	14.3	13.0	19.6





#25

Isophorone

Concen: 46.940 ng

RT: 9.73 min Scan# 1097

Delta R.T. -0.02 min

Lab File: BG036284.D

Acq: 11 Aug 2018 1:57

Instrument :

BNA_G

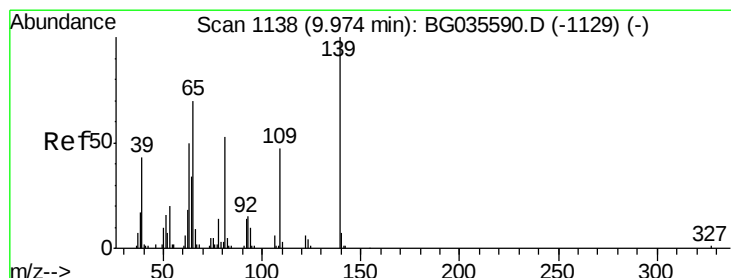
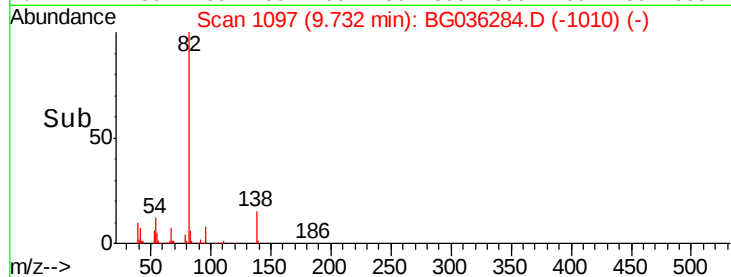
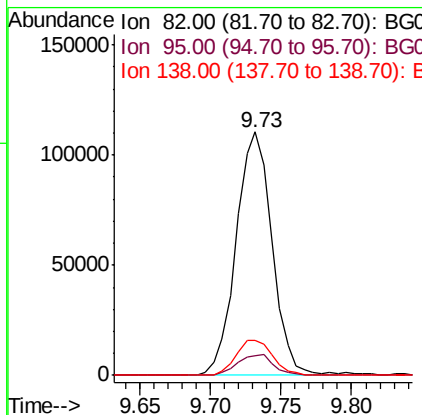
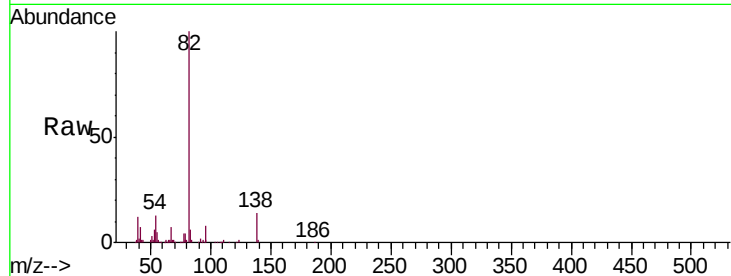
ClientSampleId :

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Tgt Ion	Ratio	Resp	Lower	Upper
82	100	196251		
95	8.3	6.2	9.2	
138	14.5	12.1	18.1	

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#26

2-Nitrophenol

Concen: 57.714 ng

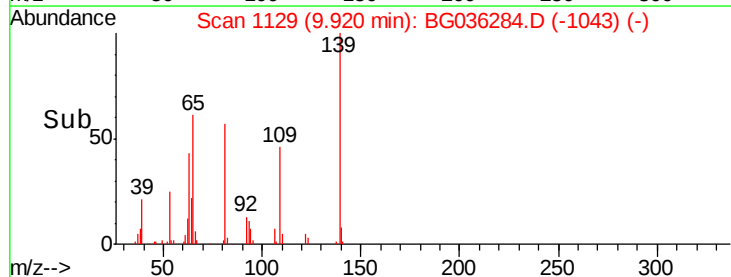
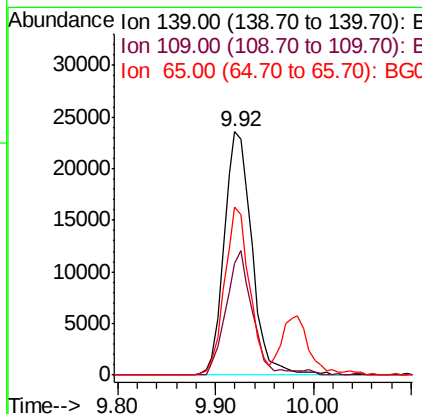
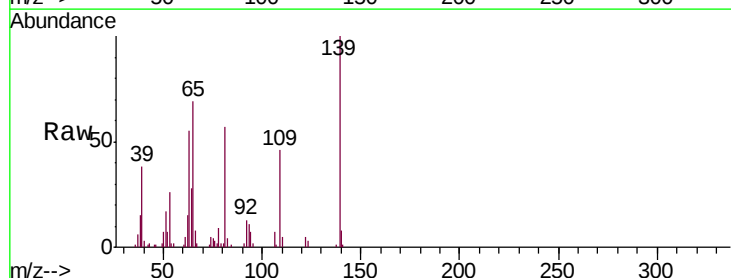
RT: 9.92 min Scan# 1129

Delta R.T. -0.03 min

Lab File: BG036284.D

Acq: 11 Aug 2018 1:57

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	46427		
109	46.1	24.2	36.2	#
65	69.1	47.4	71.0	





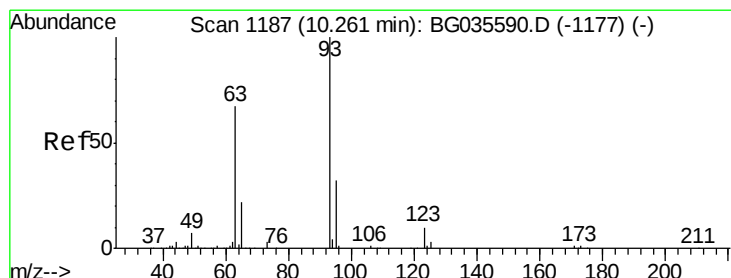
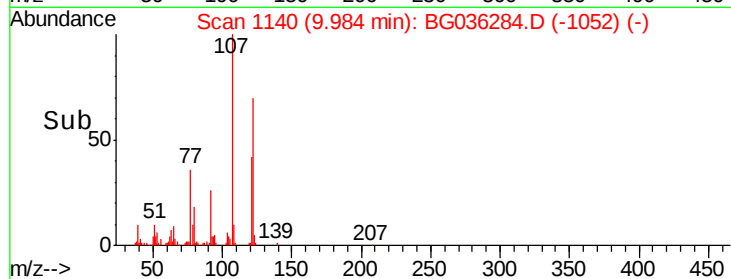
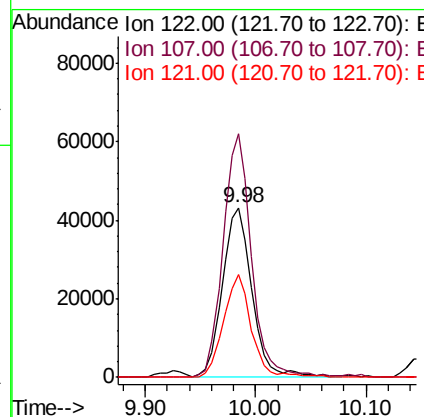
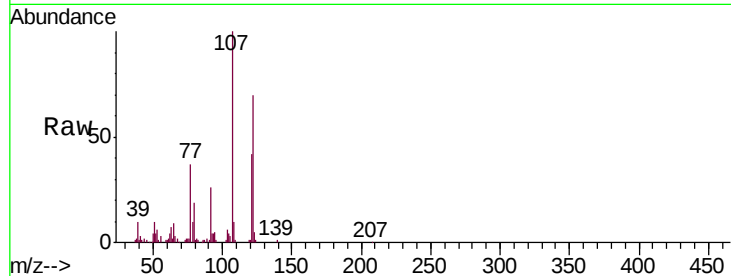
#27
2,4-Dimethylphenol
Concen: 58.302 ng
RT: 9.98 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BG036284.D
Acq: 11 Aug 2018 1:57

Instrument :
BNA_G
ClientSampleId :
PB111938BSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	79388		
107	143.5	100.2	150.2	
121	60.5	44.4	66.6	

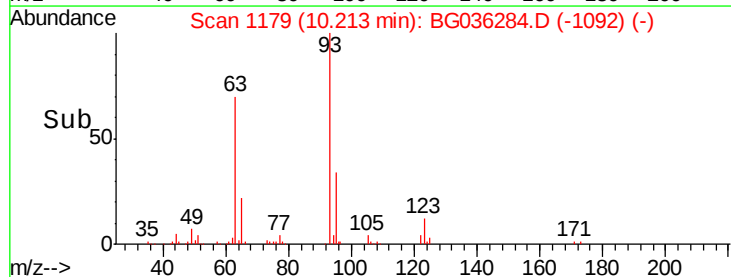
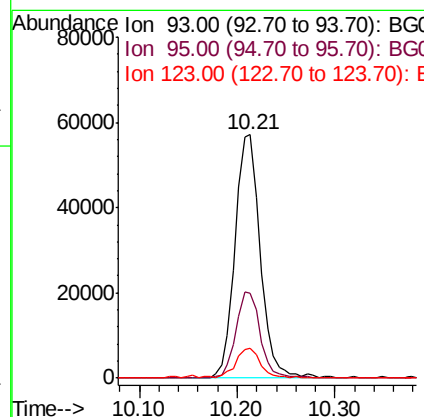
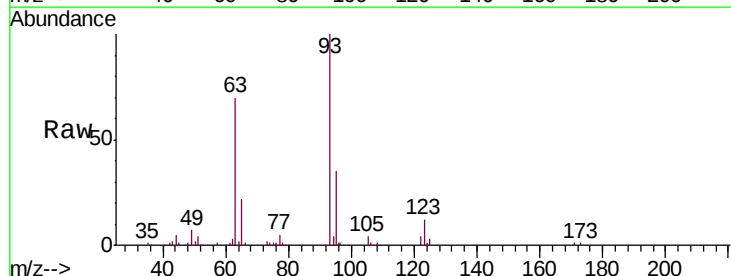
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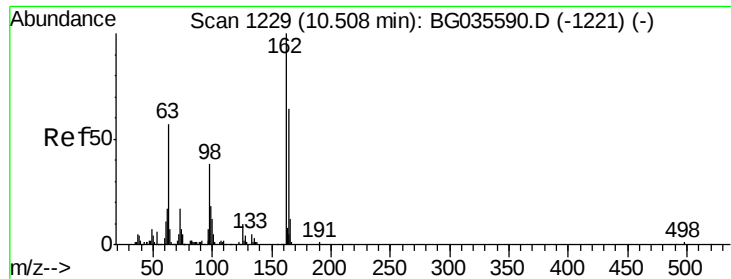
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 44.599 ng
RT: 10.21 min Scan# 1179
Delta R.T. -0.02 min
Lab File: BG036284.D
Acq: 11 Aug 2018 1:57

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	102744		
95	34.8	24.3	36.5	
123	12.2	8.4	12.6	





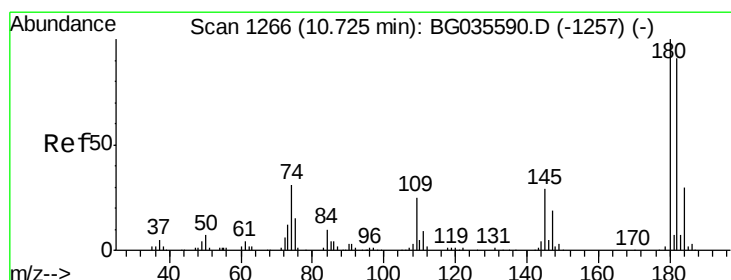
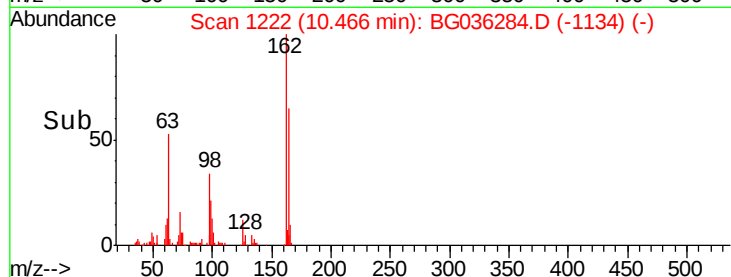
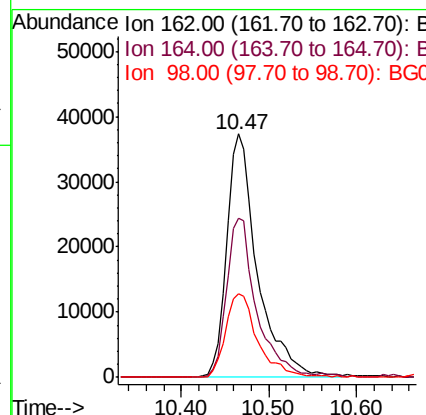
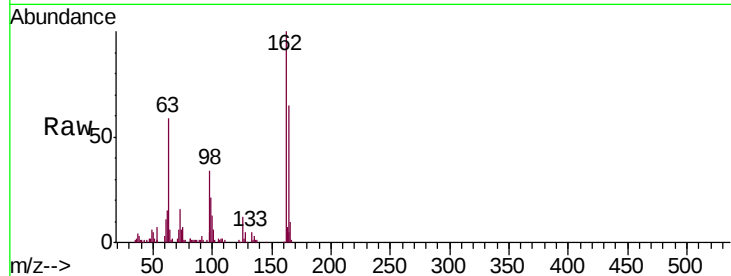
#29
 2,4-Dichlorophenol
 Concen: 57.921 ng
 RT: 10.47 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BG036284.D
 Acq: 11 Aug 2018 1:57

Instrument :
 BNA_G
 ClientSampleId :
 PB111938BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	65.1	48.0	88.0
98	34.3	21.1	61.1

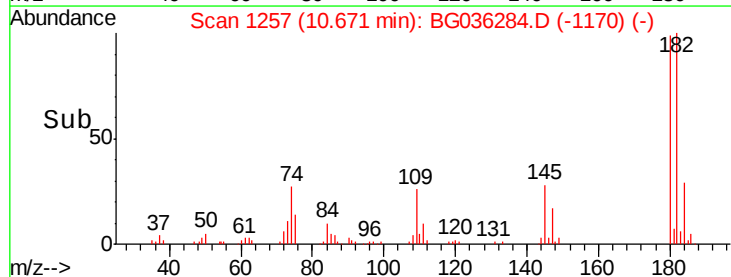
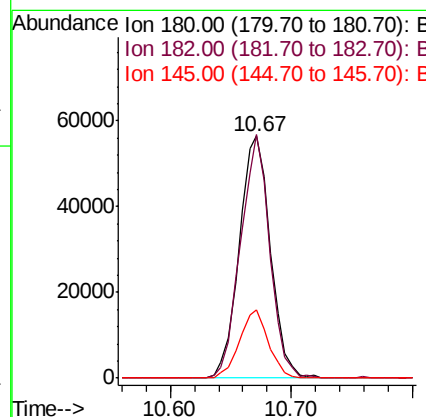
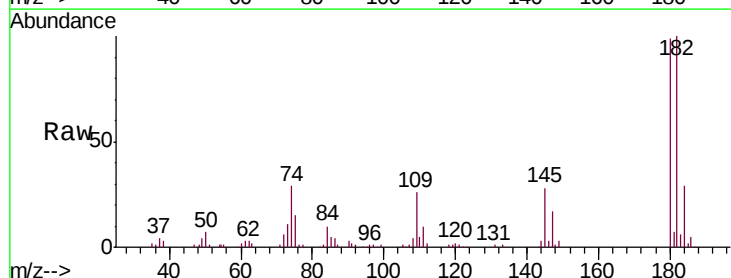
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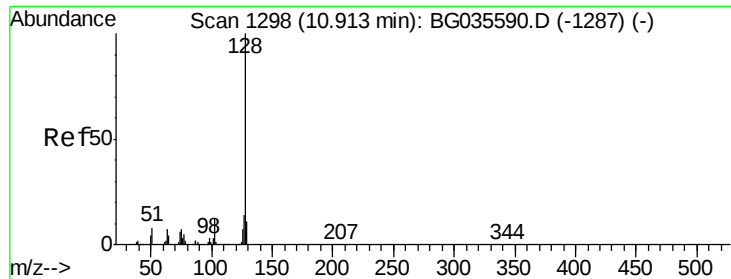
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#30
 1,2,4-Trichlorobenzene
 Concen: 53.139 ng
 RT: 10.67 min Scan# 1257
 Delta R.T. -0.02 min
 Lab File: BG036284.D
 Acq: 11 Aug 2018 1:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	100.7	77.5	116.3
145	28.0	23.4	35.2





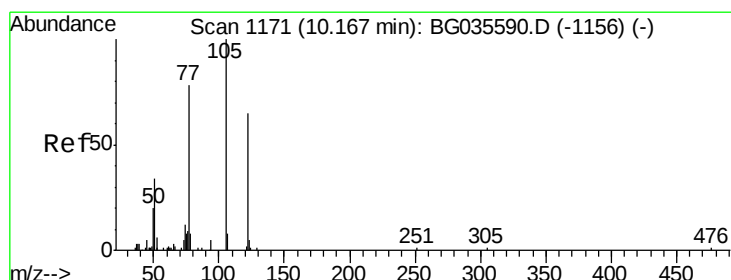
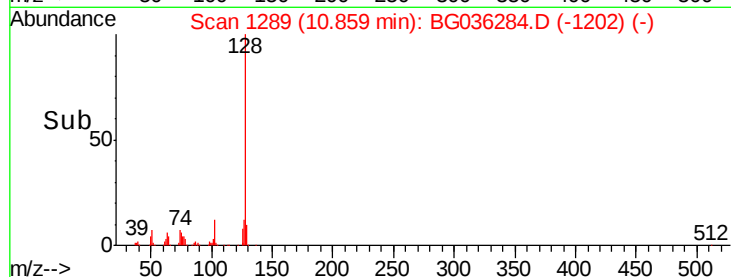
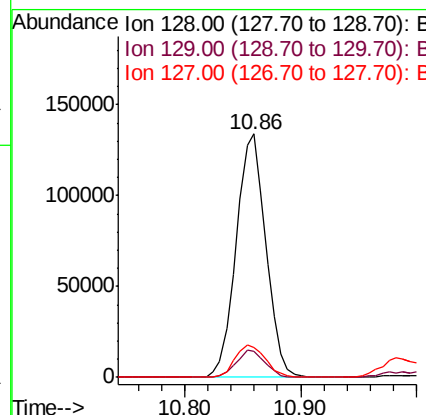
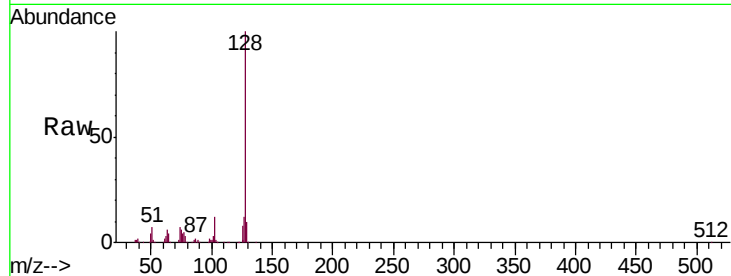
#31
Naphthalene
Concen: 48.589 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.02 min
Lab File: BG036284.D
Acq: 11 Aug 2018 1:57

Instrument :
BNA_G
ClientSampleId :
PB111938BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	10.5	8.6	12.8
127	12.0	11.6	17.4

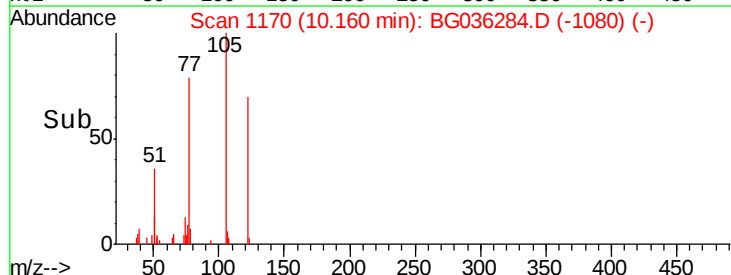
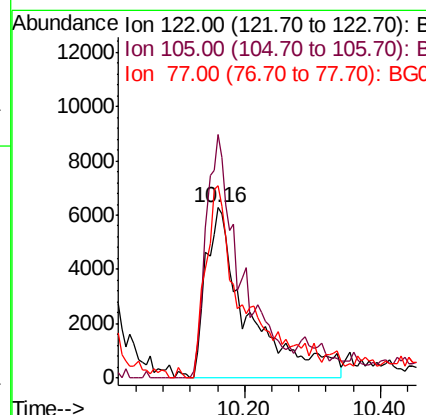
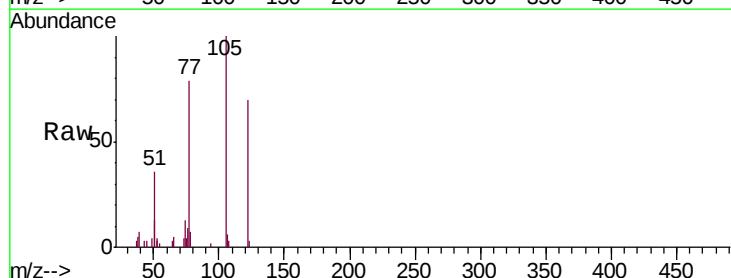
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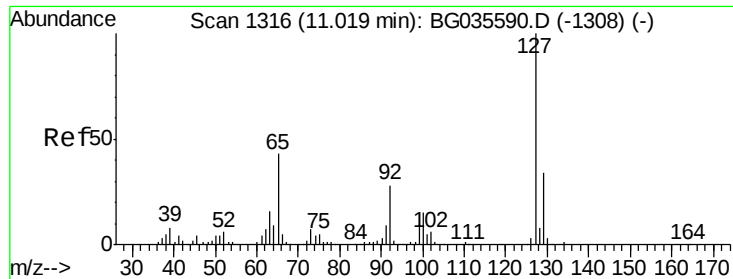
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#32
Benzoic acid
Concen: 29.785 ng m
RT: 10.16 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BG036284.D
Acq: 11 Aug 2018 1:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
122	100		
105	143.1	123.5	163.5
77	112.7	85.7	125.7





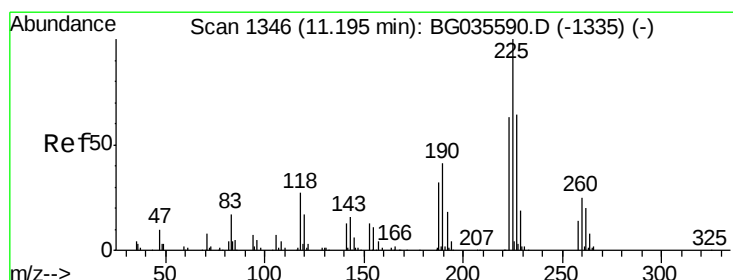
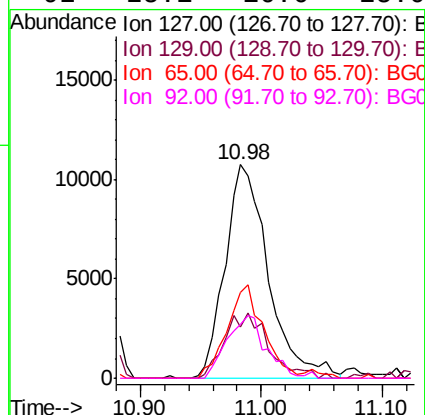
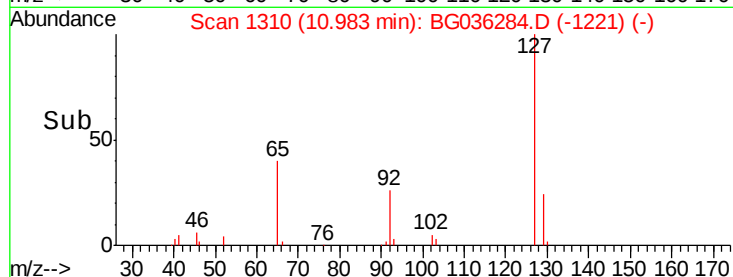
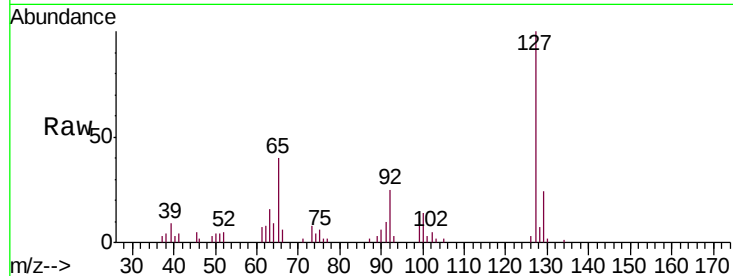
#33
4-Chloroaniline
Concen: 12.530 ng
RT: 10.98 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BG036284.D
Acq: 11 Aug 2018 1:57

Instrument :
BNA_G
ClientSampleId :
PB111938BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	23.9	24.0	36.0#
65	40.3	27.0	40.4
92	25.1	16.6	25.0#

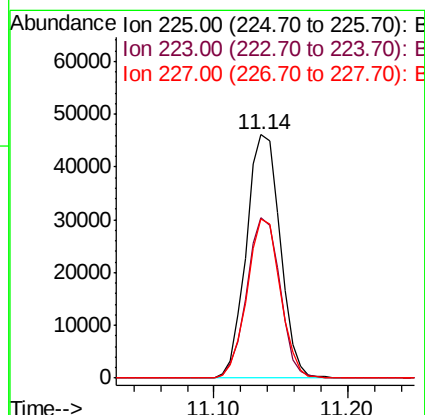
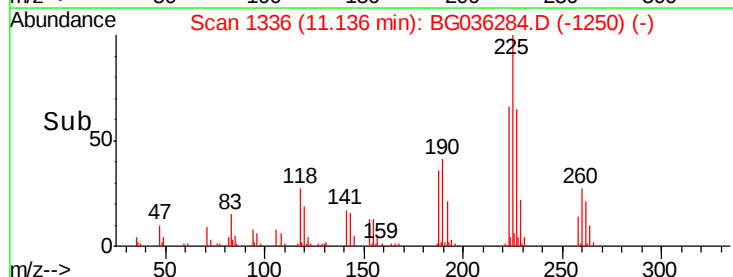
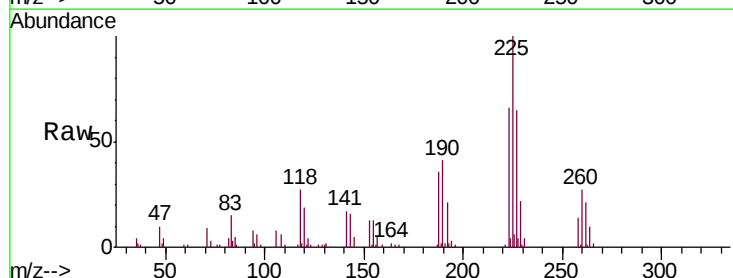
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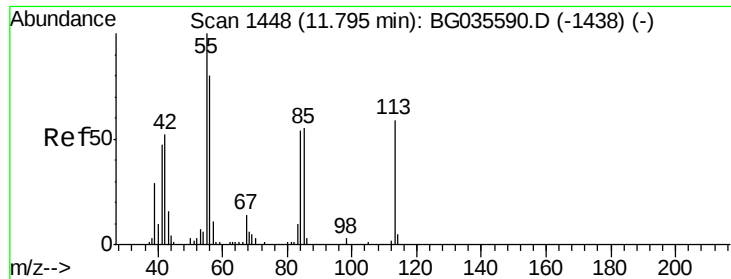
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#34
Hexachlorobutadiene
Concen: 54.113 ng
RT: 11.14 min Scan# 1336
Delta R.T. -0.03 min
Lab File: BG036284.D
Acq: 11 Aug 2018 1:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	66.0	49.7	74.5
227	65.2	48.1	72.1





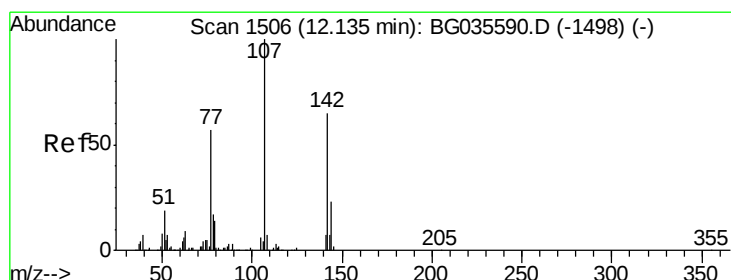
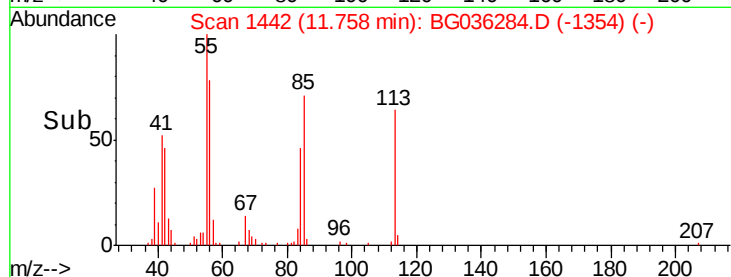
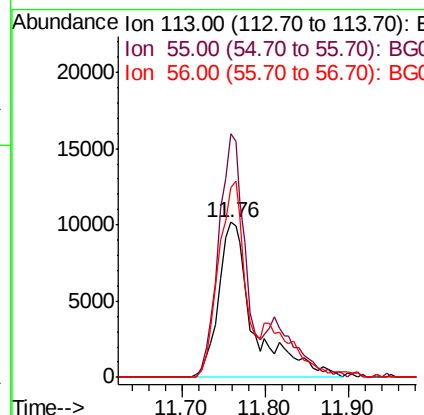
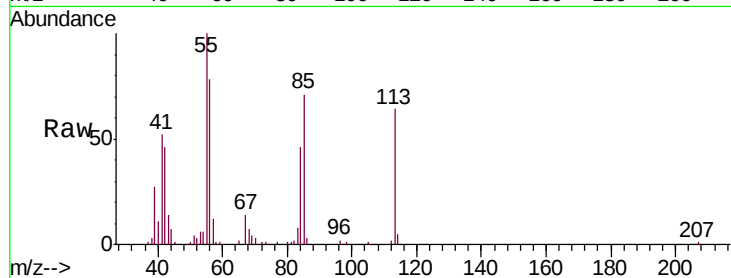
#35
 Caprolactam
 Concen: 45.148 ng m
 RT: 11.76 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BG036284.D
 Acq: 11 Aug 2018 1:57

Instrument :
 BNA_G
 ClientSampleId :
 PB111938BSD

Tgt Ion	Ratio	Lower	Upper
113	100		
55	157.1	186.9	226.9#
56	122.4	130.9	170.9#

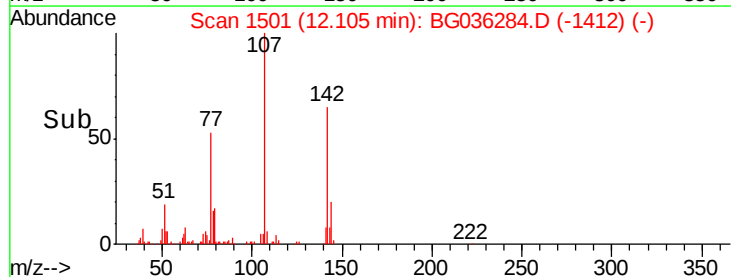
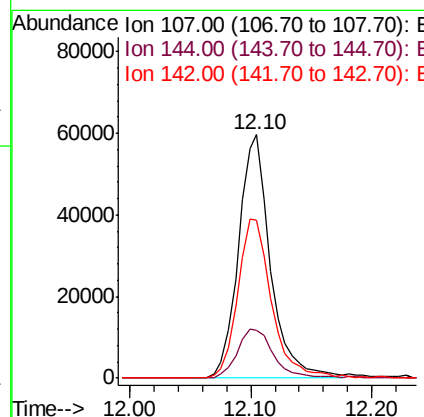
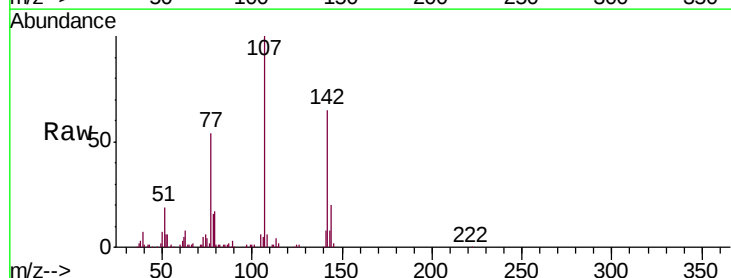
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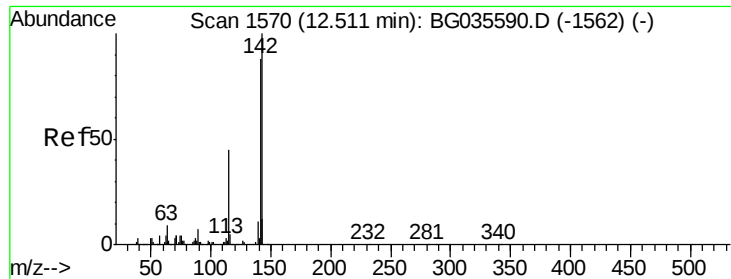
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#36
 4-Chloro-3-methylphenol
 Concen: 52.687 ng
 RT: 12.10 min Scan# 1501
 Delta R.T. -0.01 min
 Lab File: BG036284.D
 Acq: 11 Aug 2018 1:57

Tgt Ion	Ratio	Lower	Upper
107	100		
144	19.8	18.2	27.4
142	64.9	59.0	88.4





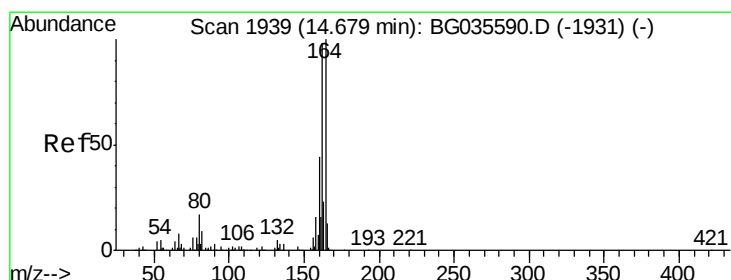
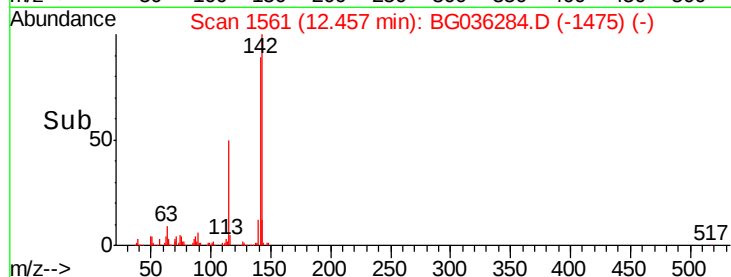
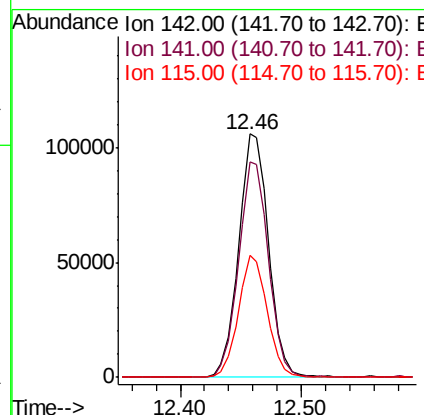
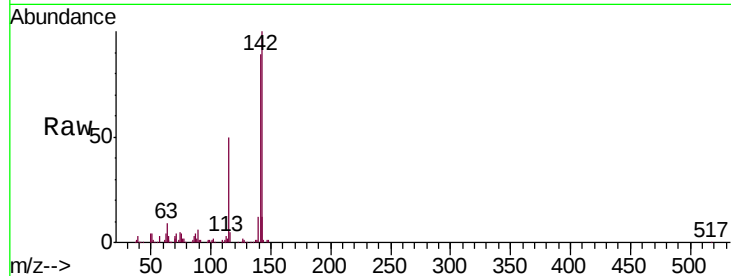
#37
 2-Methylnaphthalene
 Concen: 49.904 ng
 RT: 12.46 min Scan# 1561
 Delta R.T. -0.03 min
 Lab File: BG036284.D
 Acq: 11 Aug 2018 1:57

Instrument :
 BNA_G
 ClientSampleId :
 PB111938BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
142	100		
141	88.6	67.1	100.7
115	50.3	30.7	46.1

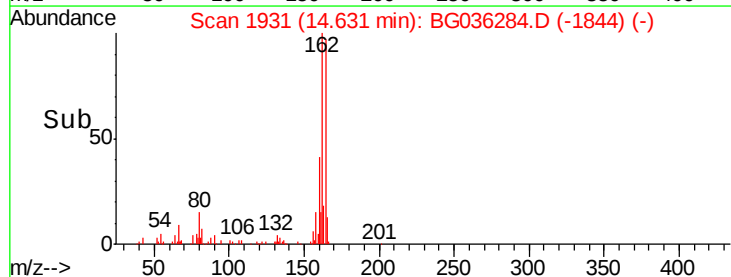
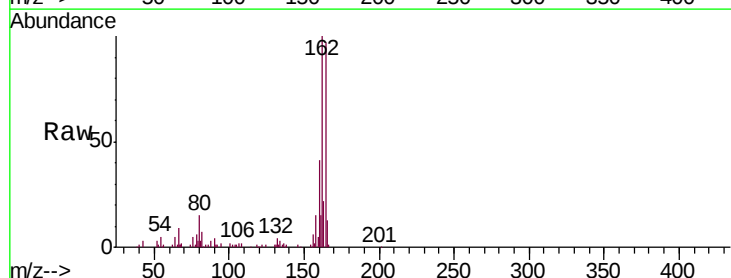
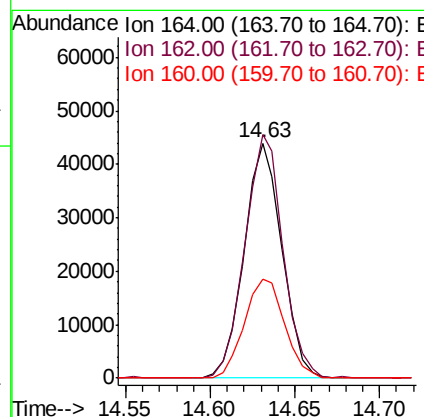
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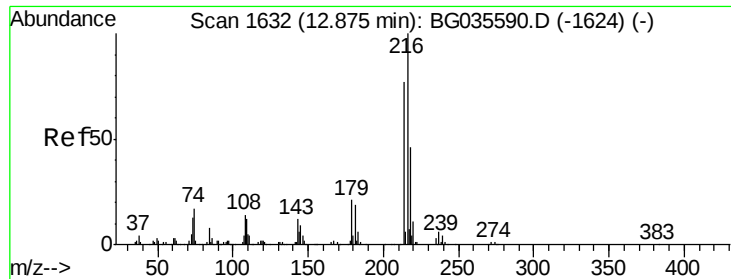
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.63 min Scan# 1931
 Delta R.T. -0.02 min
 Lab File: BG036284.D
 Acq: 11 Aug 2018 1:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
162	103.6	78.8	118.2
160	42.3	35.4	53.0





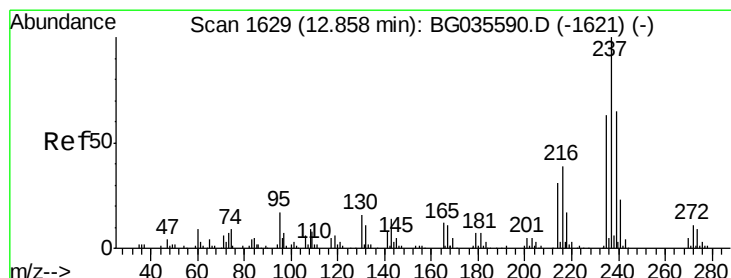
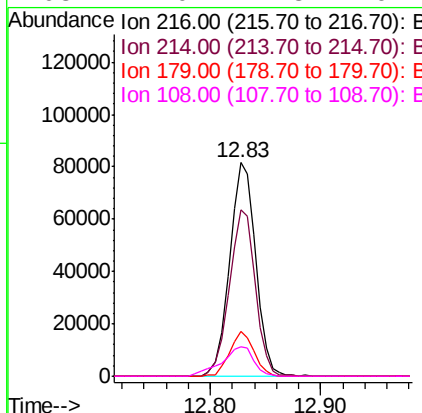
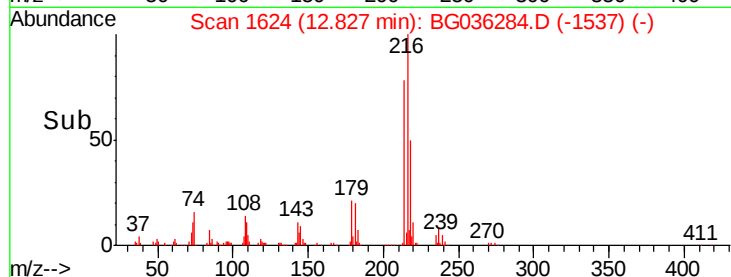
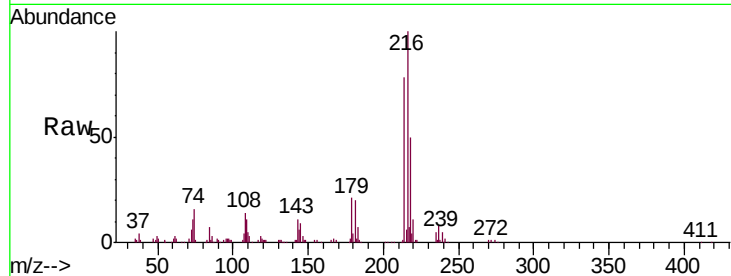
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 52.350 ng
 RT: 12.83 min Scan# 1624
 Delta R.T. -0.02 min
 Lab File: BG036284.D
 Acq: 11 Aug 2018 1:57

Instrument :
 BNA_G
 ClientSampleId :
 PB111938BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
216	100		
214	77.9	63.0	94.4
179	19.6	17.0	25.6
108	17.0	12.8	19.2

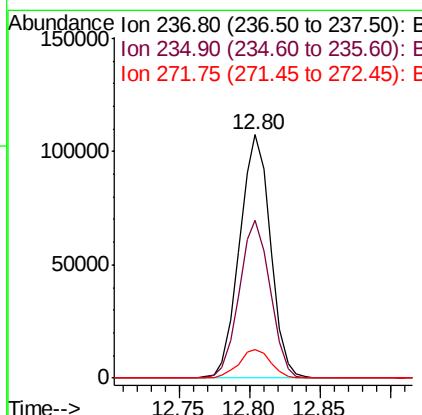
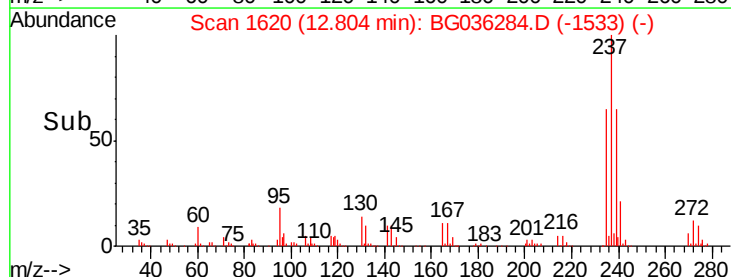
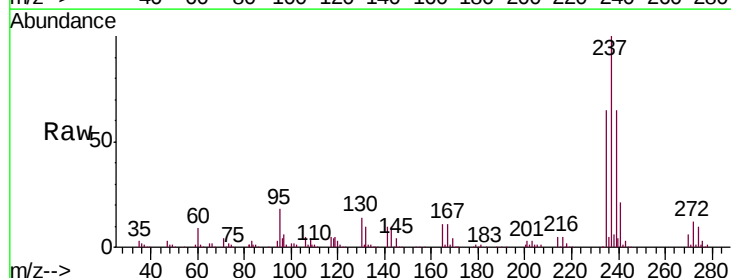
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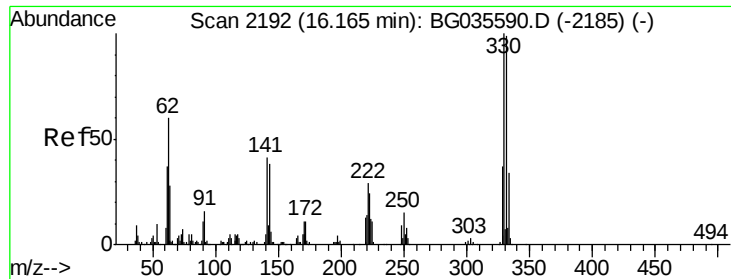
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#40
 Hexachlorocyclopentadiene
 Concen: 121.960 ng
 RT: 12.80 min Scan# 1620
 Delta R.T. -0.02 min
 Lab File: BG036284.D
 Acq: 11 Aug 2018 1:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	64.7	50.4	90.4
272	12.0	0.0	31.8





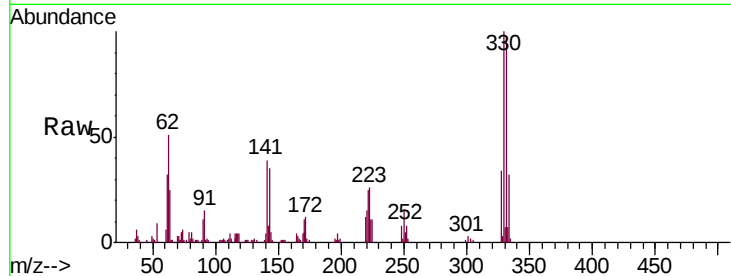
#41
 2,4,6-Tribromophenol
 Concen: 129.936 ng
 RT: 16.12 min Scan# 2185
 Delta R.T. -0.02 min
 Lab File: BG036284.D
 Acq: 11 Aug 2018 1:57

Instrument :
 BNA_G
 ClientSampleID :
 PB111938BSD

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	116607		
332	95.4	77.0	115.6	
141	38.5	25.2	37.8#	

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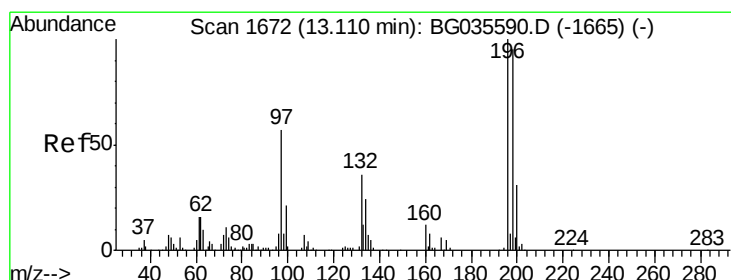
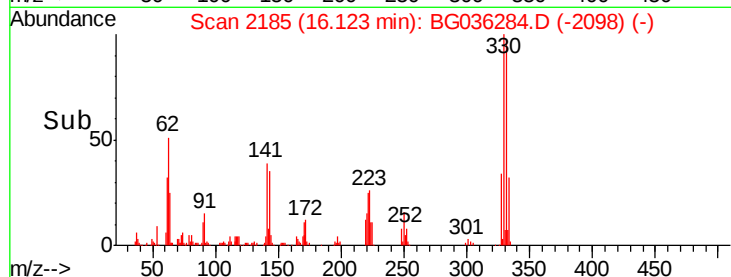
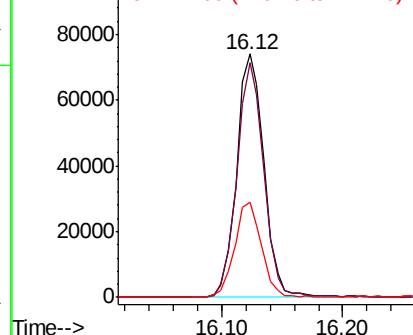


Abundance

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



#42
 2,4,6-Trichlorophenol
 Concen: 56.015 ng
 RT: 13.07 min Scan# 1666
 Delta R.T. -0.01 min
 Lab File: BG036284.D
 Acq: 11 Aug 2018 1:57

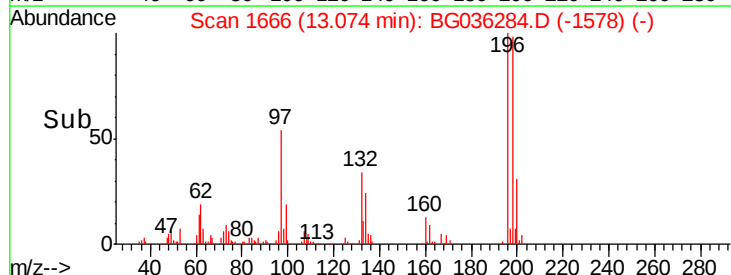
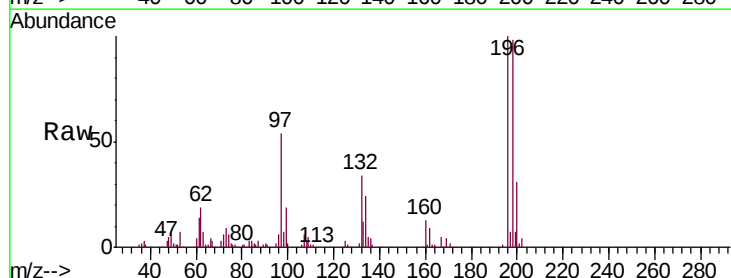
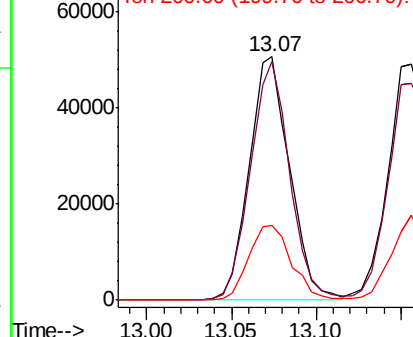
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	84181		
198	97.7	78.2	117.2	
200	30.6	24.6	36.8	

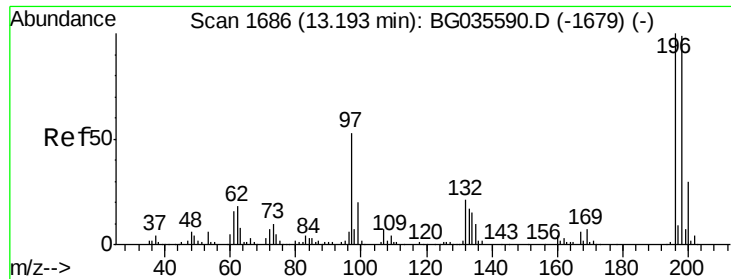
Abundance

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





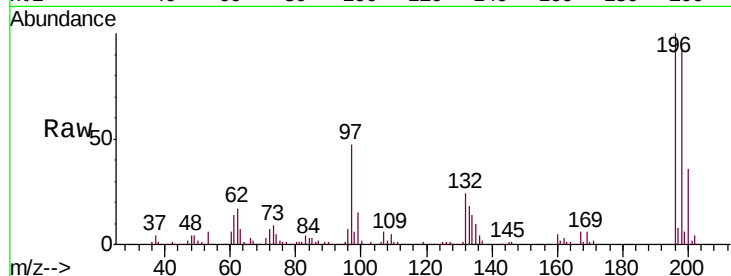
#43
 2,4,5-Trichlorophenol
 Concen: 55.623 ng
 RT: 13.16 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: BG036284.D
 Acq: 11 Aug 2018 1:57

Instrument :
 BNA_G
 ClientSampleId :
 PB111938BSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	93514		
198	91.7	76.2	114.4	
97	47.1	38.7	58.1	
132	24.4	20.2	30.2	

Manual Integrations
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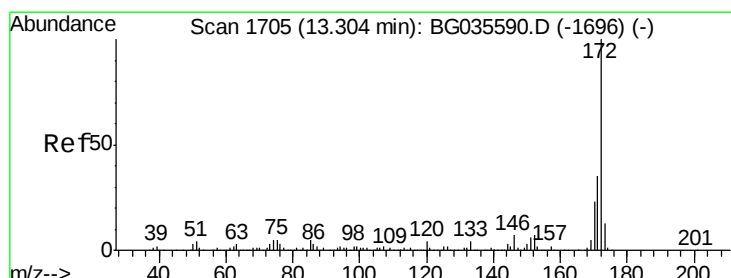
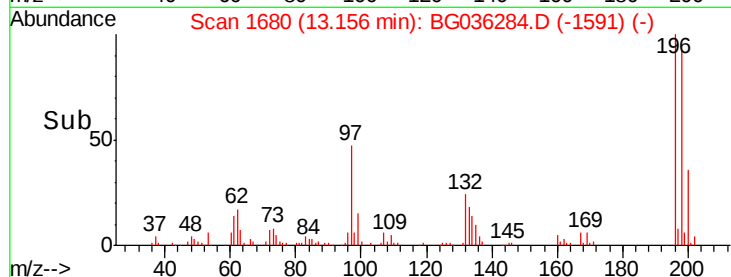
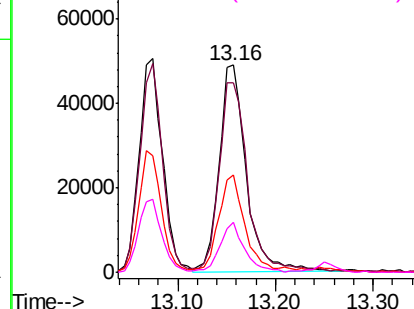
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

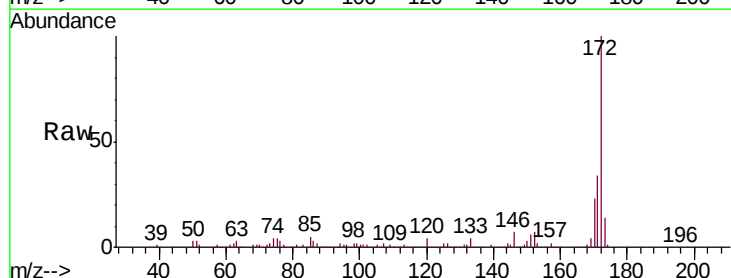
Ion 97.00 (96.70 to 97.70): BG

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 106.757 ng
 RT: 13.26 min Scan# 1697
 Delta R.T. -0.02 min
 Lab File: BG036284.D
 Acq: 11 Aug 2018 1:57

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	542543		
171	33.6	30.0	45.0	
170	22.9	19.5	29.3	

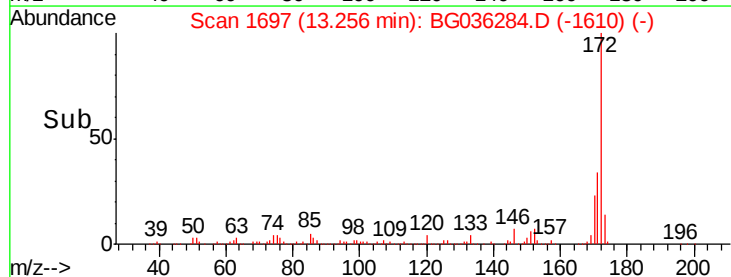
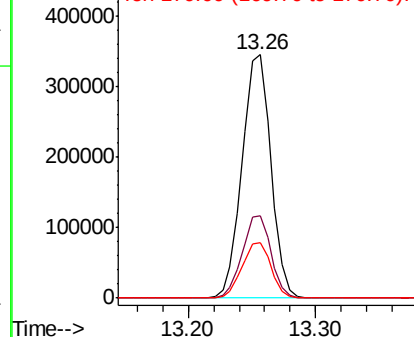


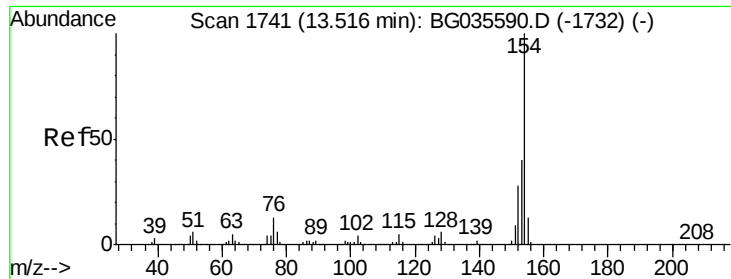
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





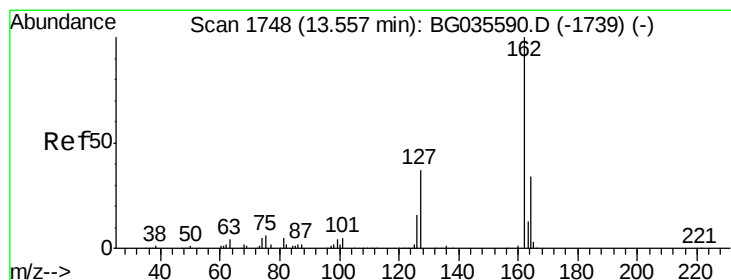
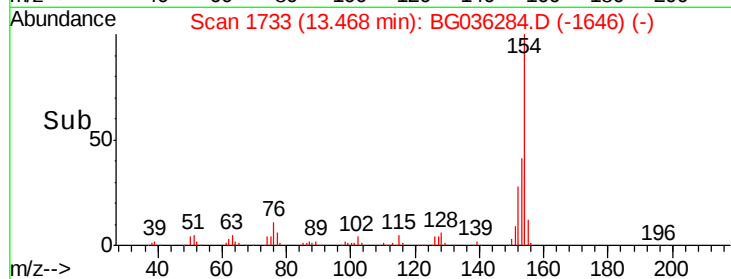
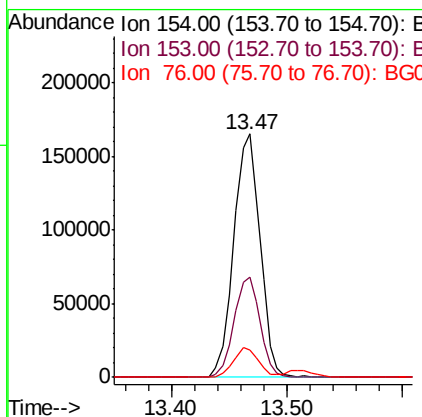
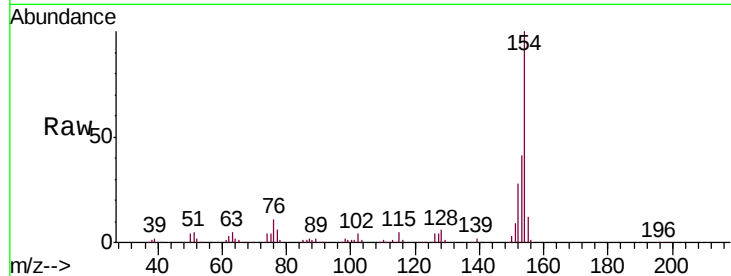
#45
 1,1'-Biphenyl
 Concen: 49.415 ng
 RT: 13.47 min Scan# 1733
 Delta R.T. -0.02 min
 Lab File: BG036284.D
 Acq: 11 Aug 2018 1:57

Instrument :
 BNA_G
 ClientSampleId :
 PB111938BSD

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	260843		
153	41.3	19.8	59.8	
76	11.4	0.0	31.9	

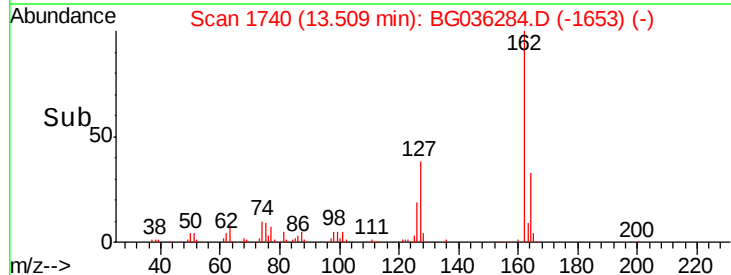
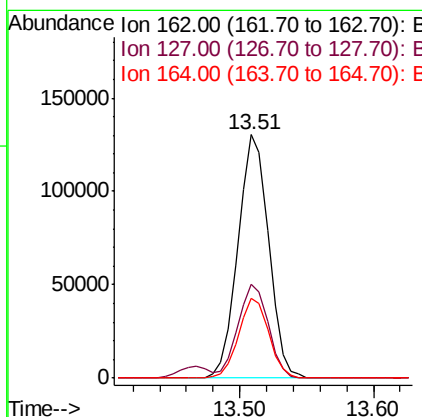
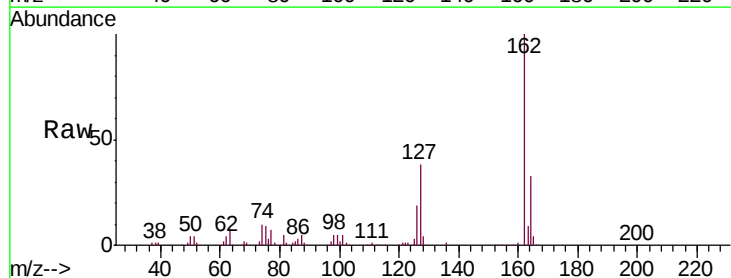
Manual Integrations
 APPROVED

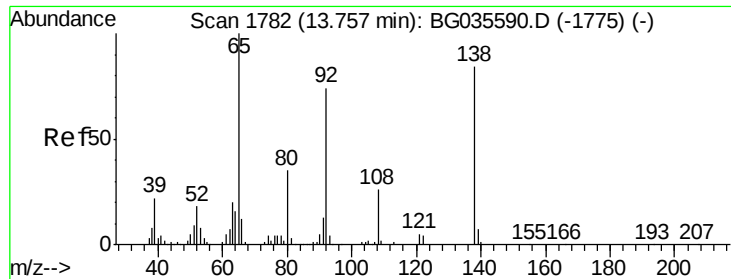
Sohil
 8/13/2018 6:08:39 PM



#46
 2-Chloronaphthalene
 Concen: 50.496 ng
 RT: 13.51 min Scan# 1740
 Delta R.T. -0.02 min
 Lab File: BG036284.D
 Acq: 11 Aug 2018 1:57

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	207334		
127	38.4	30.7	46.1	
164	32.5	26.0	39.0	





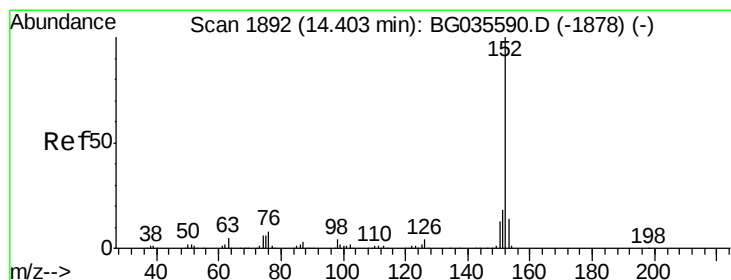
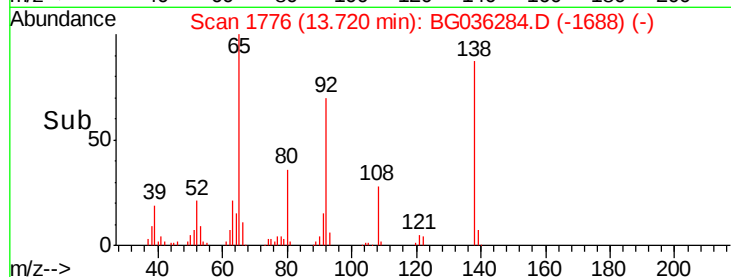
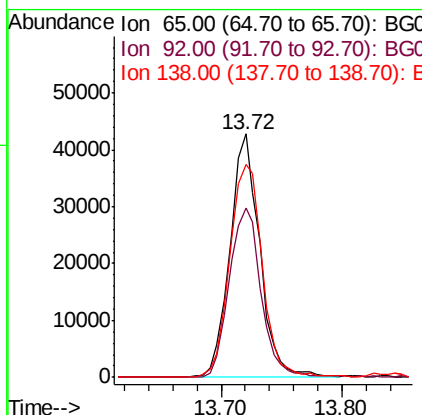
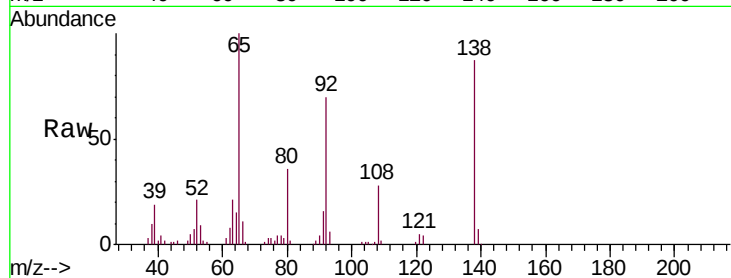
#47
2-Nitroaniline
Concen: 50.649 ng
RT: 13.72 min Scan# 1776
Delta R.T. -0.01 min
Lab File: BG036284.D
Acq: 11 Aug 2018 1:57

Instrument :
BNA_G
ClientSampleId :
PB111938BSD

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.8	54.6	82.0
138	87.5	72.9	109.3

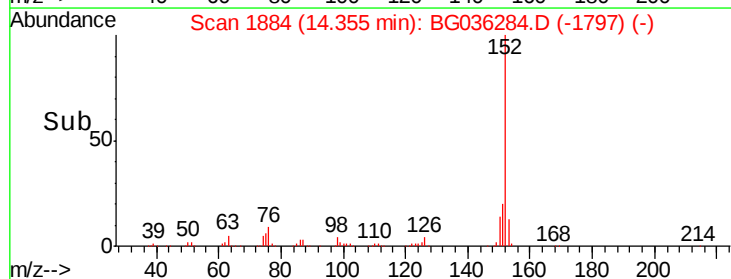
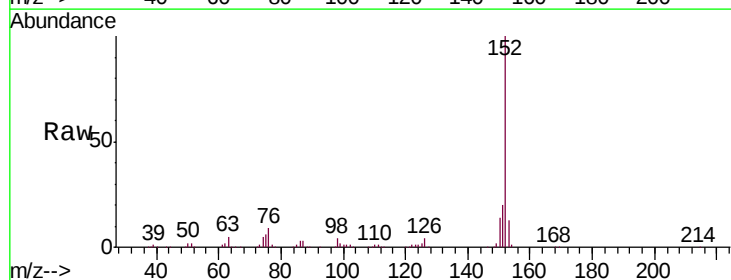
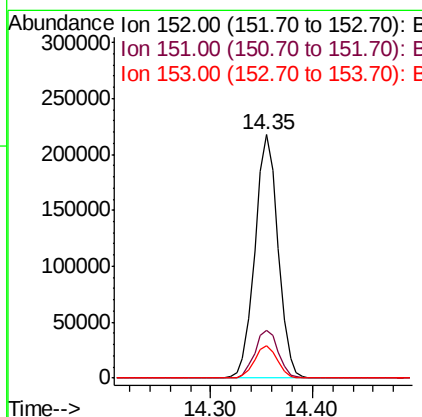
Manual Integrations
APPROVED

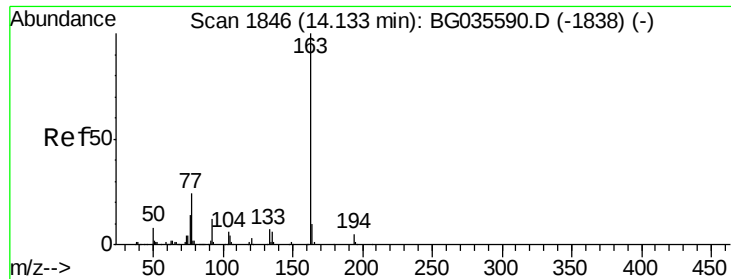
Sohil
8/13/2018 6:08:39 PM



#48
Acenaphthylene
Concen: 49.814 ng
RT: 14.35 min Scan# 1884
Delta R.T. -0.02 min
Lab File: BG036284.D
Acq: 11 Aug 2018 1:57

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.6	17.2	25.8
153	13.2	10.2	15.4





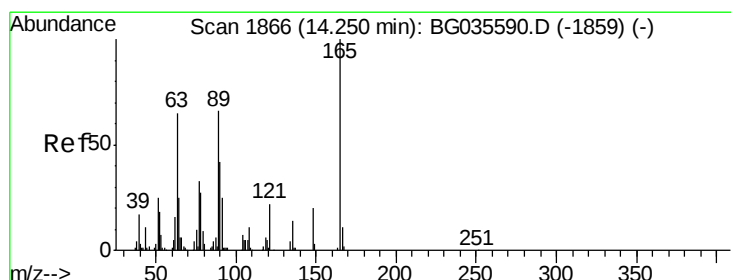
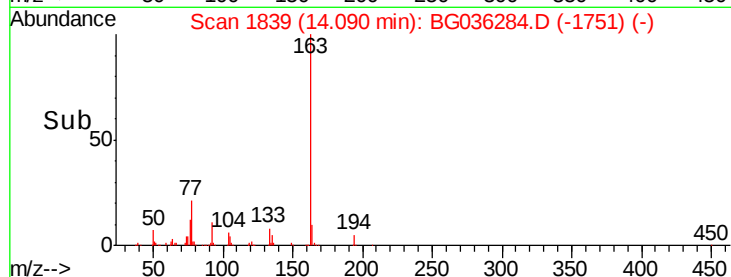
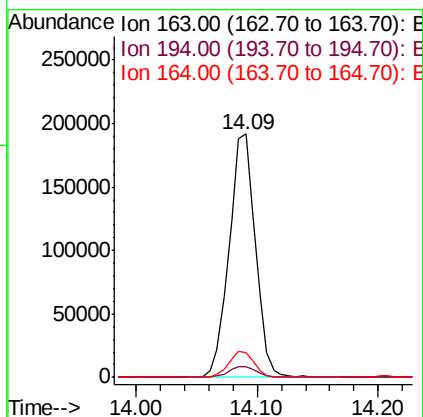
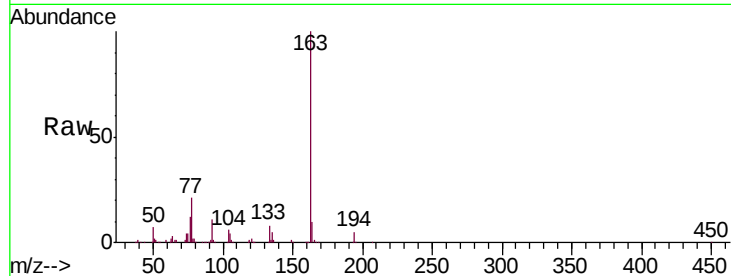
#49
Dimethylphthalate
Concen: 48.614 ng
RT: 14.09 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BG036284.D
Acq: 11 Aug 2018 1:57

Instrument :
BNA_G
ClientSampleId :
PB111938BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	4.6	3.4	5.2
164	10.4	8.2	12.4

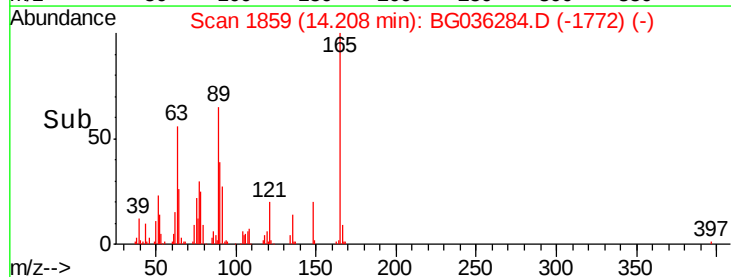
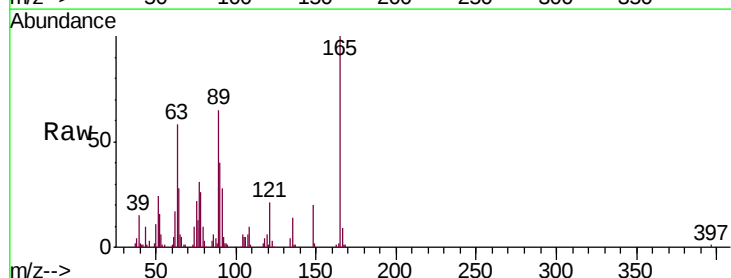
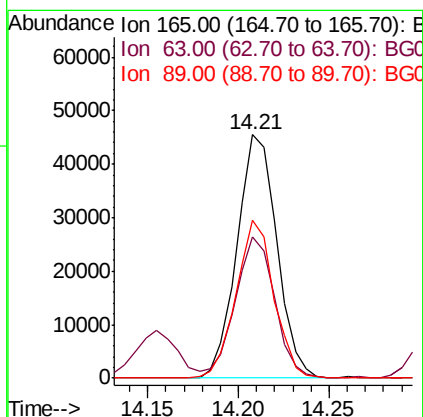
Manual Integrations
APPROVED

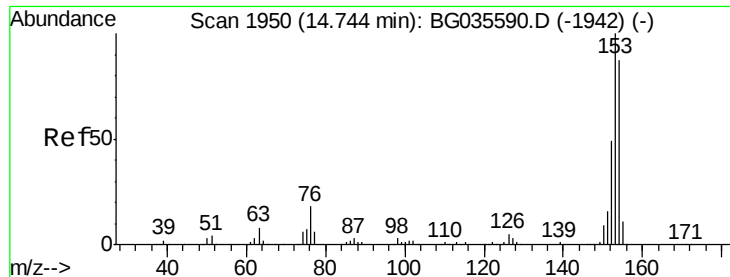
Sohil
8/13/2018 6:08:39 PM



#50
2,6-Dinitrotoluene
Concen: 57.278 ng
RT: 14.21 min Scan# 1859
Delta R.T. -0.02 min
Lab File: BG036284.D
Acq: 11 Aug 2018 1:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	58.0	52.7	79.1
89	64.9	49.2	73.8





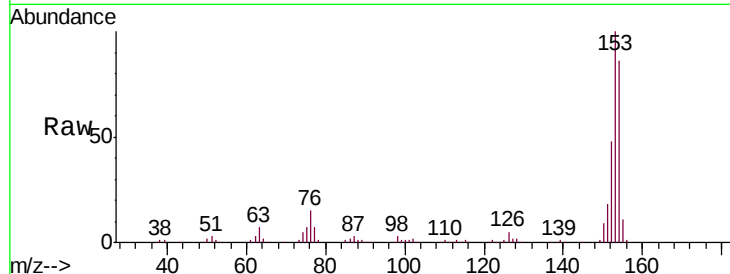
#51
Acenaphthene
Concen: 46.390 ng
RT: 14.70 min Scan# 1942
Delta R.T. -0.02 min
Lab File: BG036284.D
Acq: 11 Aug 2018 1:57

Instrument :
BNA_G
ClientSampleId :
PB111938BSD

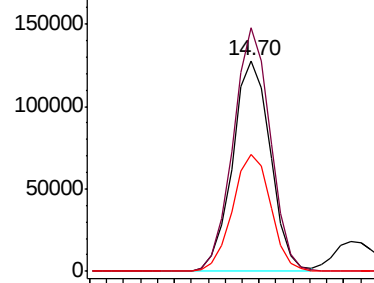
Tgt Ion	Ratio	Resp	Lower	Upper
154	100	198758		
153	115.6	90.4	135.6	
152	55.5	41.6	62.4	

Manual Integrations
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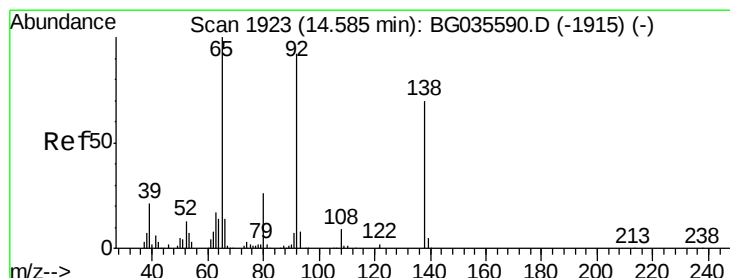
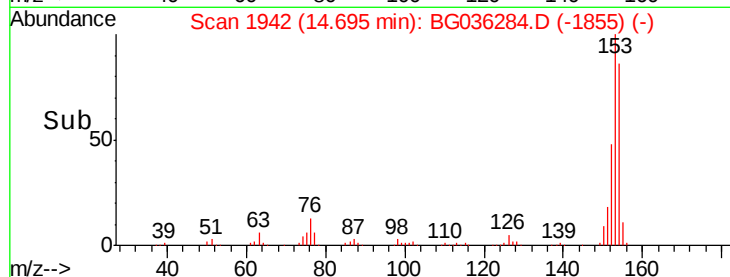
Sohil
8/13/2018 6:08:39 PM



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

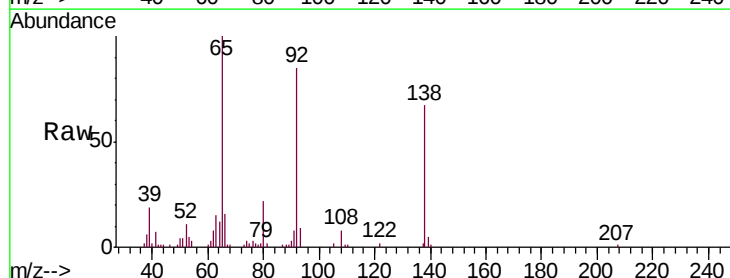


Time--> 14.60 14.65 14.70 14.75

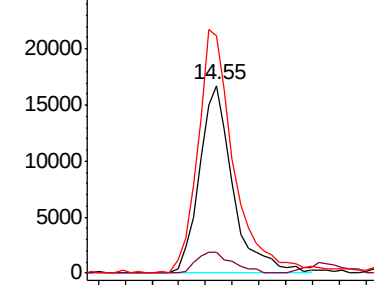


#52
3-Nitroaniline
Concen: 23.611 ng
RT: 14.55 min Scan# 1917
Delta R.T. -0.01 min
Lab File: BG036284.D
Acq: 11 Aug 2018 1:57

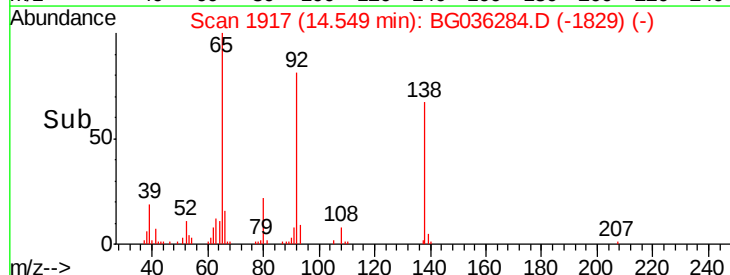
Tgt Ion	Ratio	Resp	Lower	Upper
138	100	29315		
108	11.3	17.5	26.3#	
92	126.6	105.8	158.8	

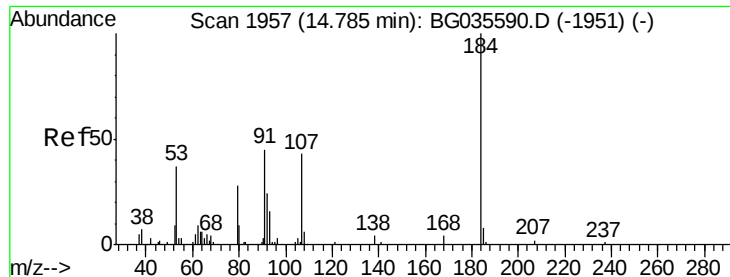


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC



Time--> 14.50 14.60





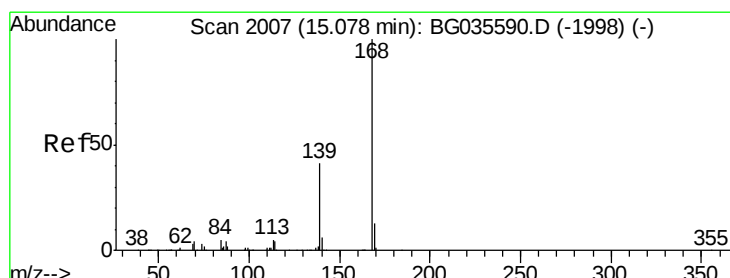
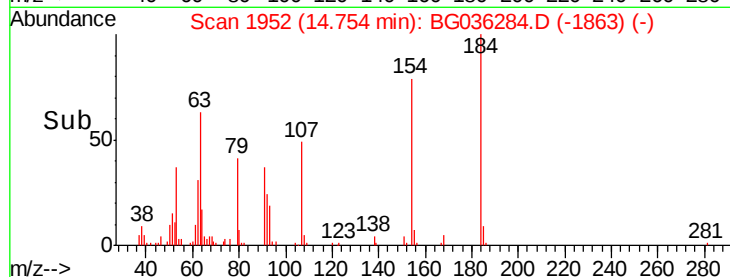
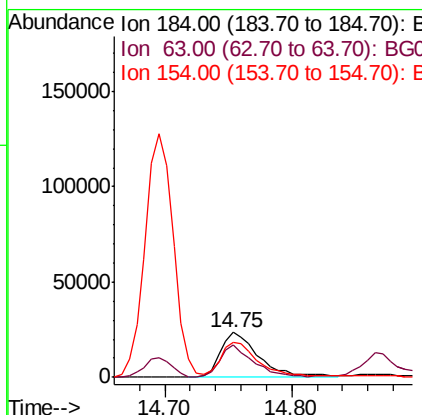
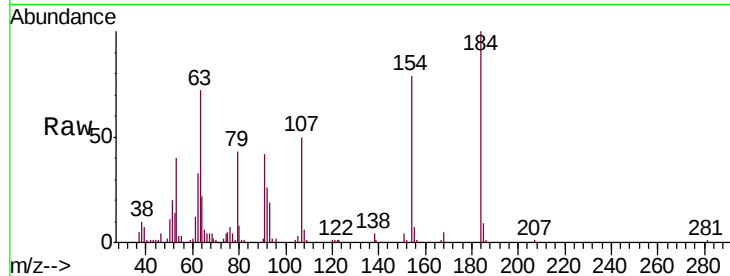
#53
2,4-Dinitrophenol
Concen: 78.952 ng
RT: 14.75 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BG036284.D
Acq: 11 Aug 2018 1:57

Instrument :
BNA_G
ClientSampleId :
PB111938BSD

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	49261		
63	72.0	59.8	89.8	
154	78.8	101.8	152.8	

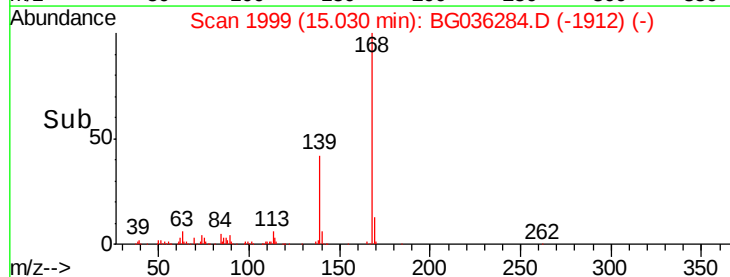
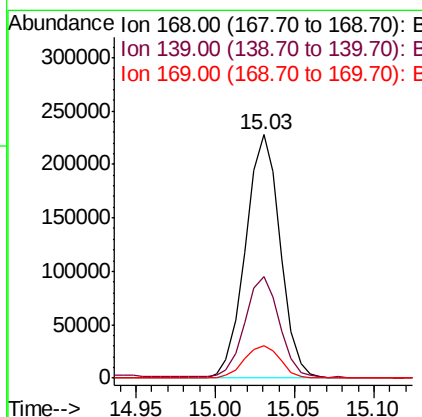
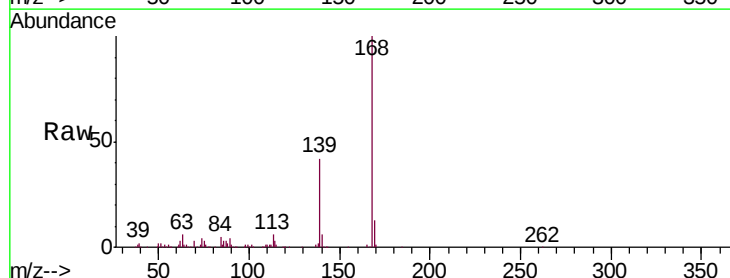
Manual Integrations
APPROVED

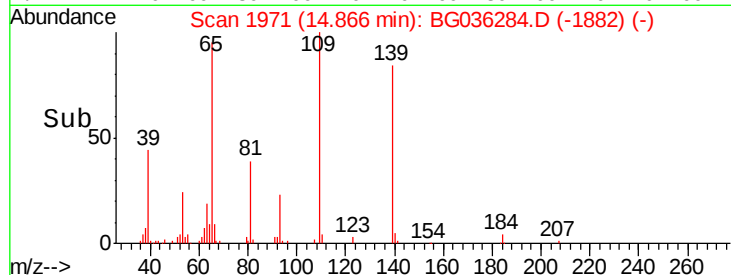
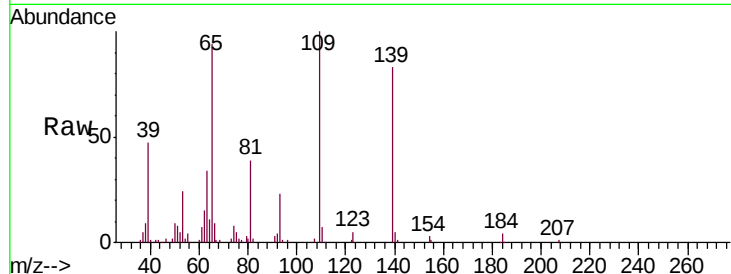
Sohil
8/13/2018 6:08:39 PM



#54
Dibenzofuran
Concen: 50.863 ng
RT: 15.03 min Scan# 1999
Delta R.T. -0.02 min
Lab File: BG036284.D
Acq: 11 Aug 2018 1:57

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	346583		
139	41.9	28.6	43.0	
169	13.5	11.2	16.8	





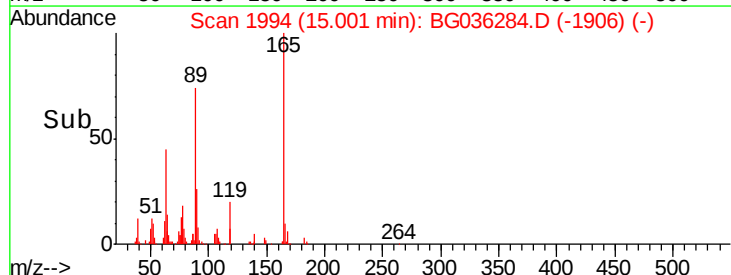
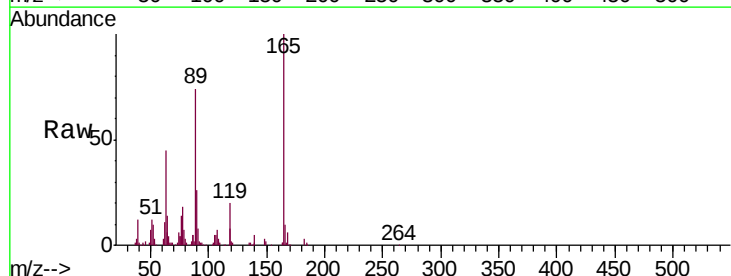
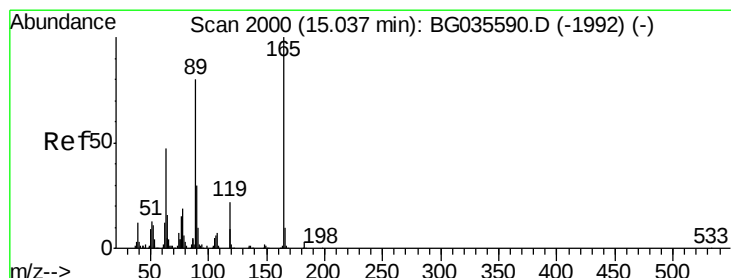
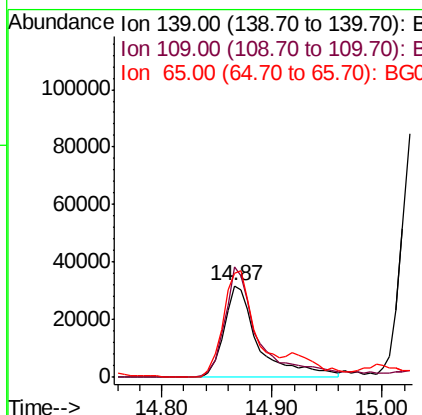
#55
4-Nitrophenol
Concen: 78.765 ng
RT: 14.87 min Scan# 1971
Delta R.T. -0.01 min
Lab File: BG036284.D
Acq: 11 Aug 2018 1:57

Instrument :
BNA_G
ClientSampleID :
PB111938BSD

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	69644		
109	120.8	62.2	102.2#	
65	113.7	97.2	137.2	

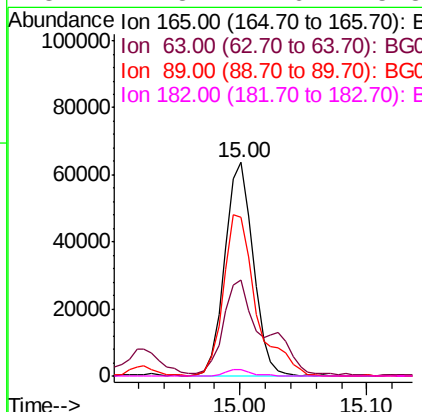
Manual Integrations
APPROVED

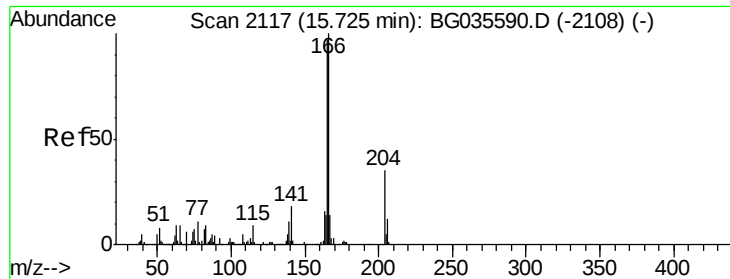
Sohil
8/13/2018 6:08:39 PM



#56
2,4-Dinitrotoluene
Concen: 56.748 ng
RT: 15.00 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BG036284.D
Acq: 11 Aug 2018 1:57

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	98898		
63	45.1	42.0	63.0	
89	74.1	66.9	100.3	
182	2.8	2.6	3.8	





#57

Fluorene

Concen: 50.800 ng

RT: 15.68 min Scan# 2109

Delta R.T. -0.02 min

Lab File: BG036284.D

Acq: 11 Aug 2018 1:57

Instrument :

BNA_G

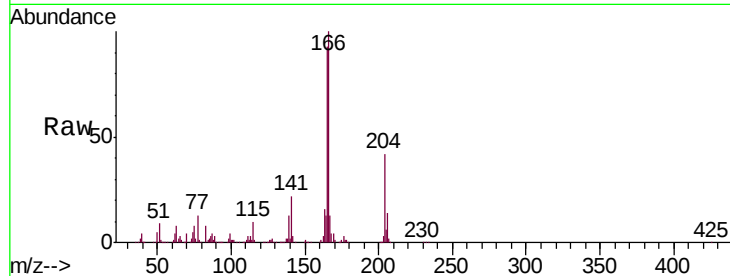
ClientSampleId :

PB111938BSD

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	290127		
165	93.3	80.6	121.0	
167	12.6	10.4	15.6	

Manual Integrations
APPROVED

Sohil
8/13/2018 6:08:39 PM

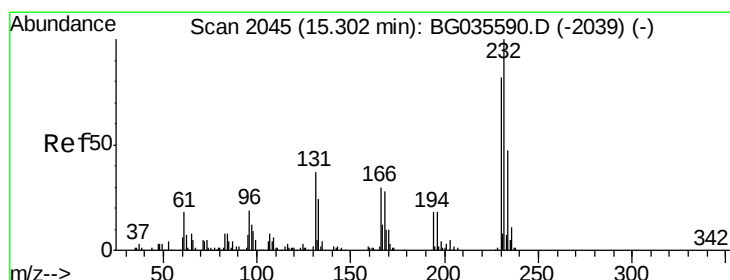
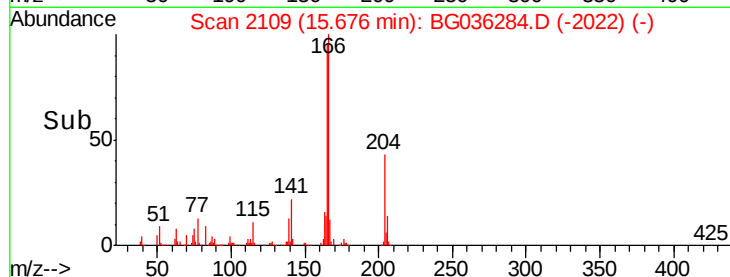
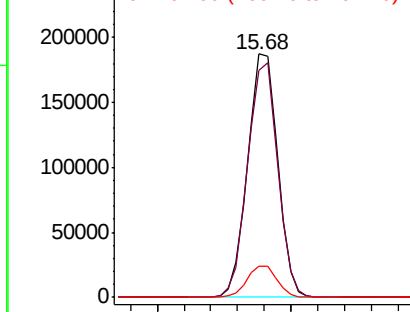


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 61.032 ng

RT: 15.26 min Scan# 2038

Delta R.T. -0.02 min

Lab File: BG036284.D

Acq: 11 Aug 2018 1:57

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	98380		
131	36.4	33.5	50.3	
130	2.4	2.2	3.2	
166	25.7	24.8	37.2	

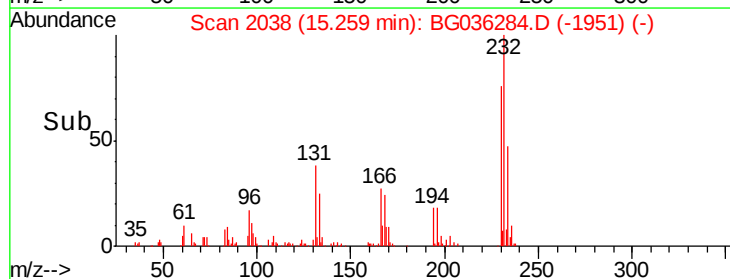
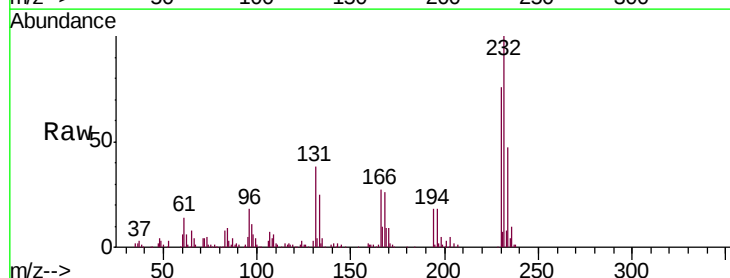
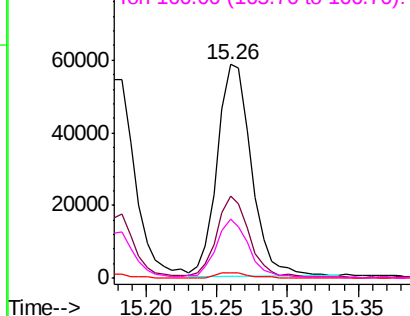
Abundance

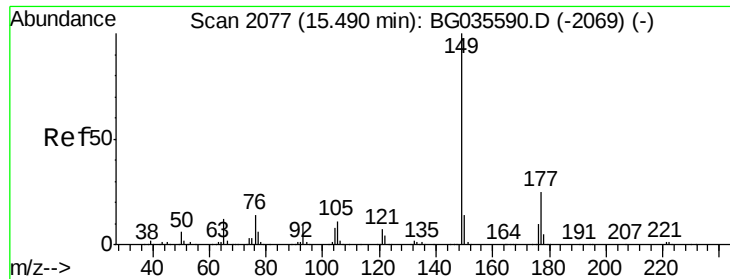
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





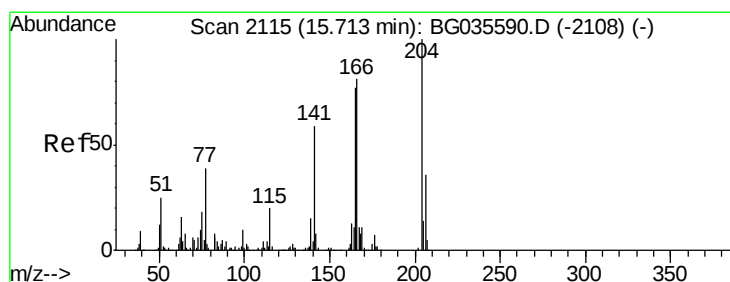
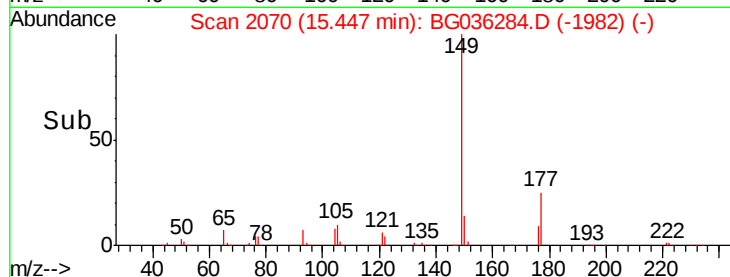
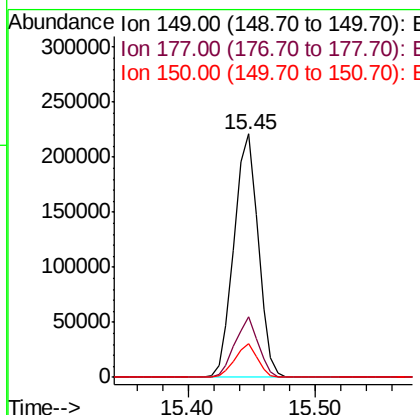
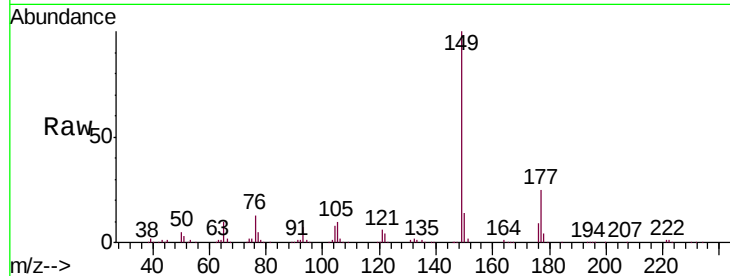
#59
Diethylphthalate
Concen: 47.590 ng
RT: 15.45 min Scan# 2070
Delta R.T. -0.01 min
Lab File: BG036284.D
Acq: 11 Aug 2018 1:57

Instrument :
BNA_G
ClientSampleId :
PB111938BSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	291914		
177	25.0	18.5	27.7	
150	13.8	10.2	15.2	

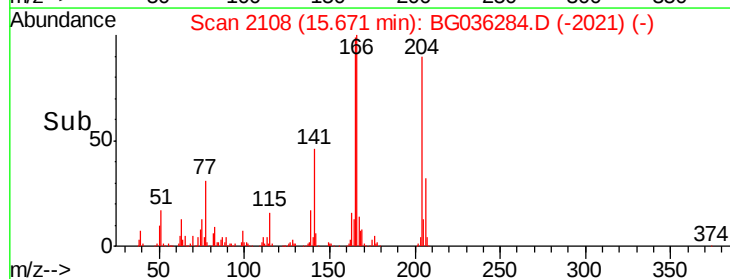
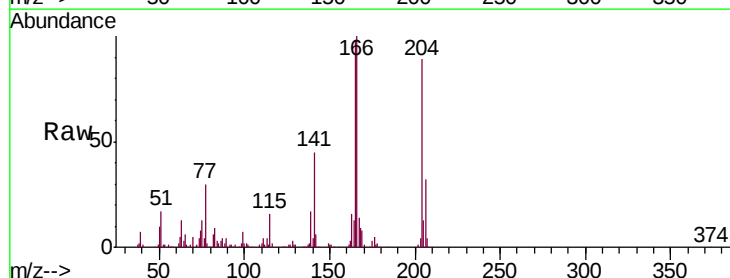
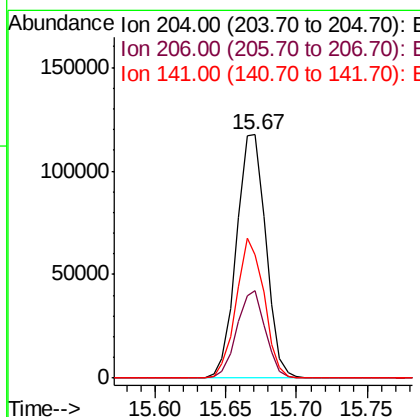
Manual Integrations
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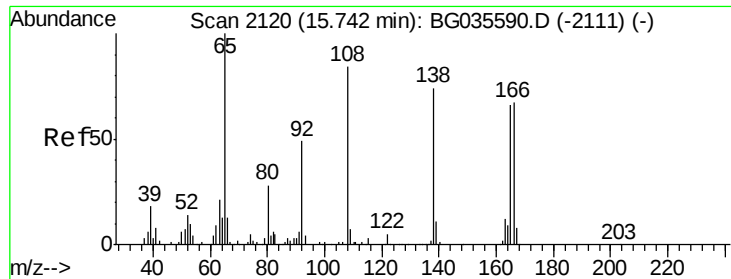
Sohil
8/13/2018 6:08:39 PM



#60
4-Chlorophenyl-phenylether
Concen: 50.844 ng
RT: 15.67 min Scan# 2108
Delta R.T. -0.02 min
Lab File: BG036284.D
Acq: 11 Aug 2018 1:57

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	170668		
206	36.1	26.2	39.2	
141	50.9	45.8	68.6	





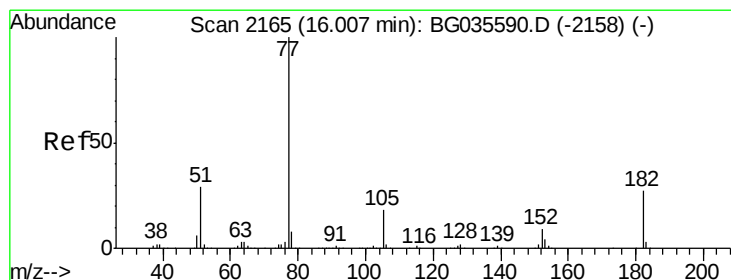
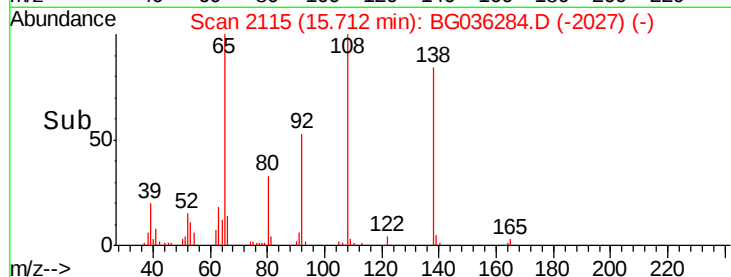
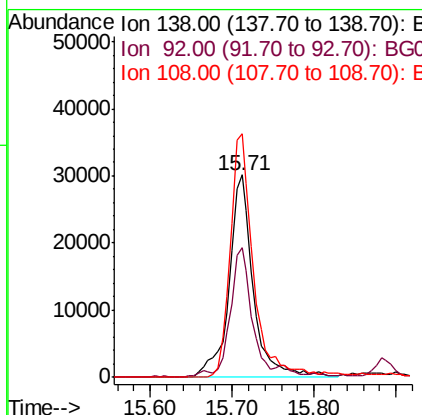
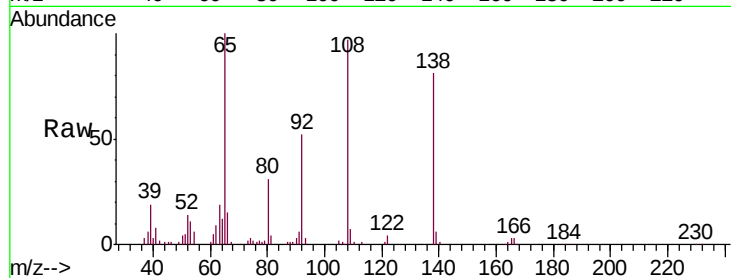
#61
4-Nitroaniline
Concen: 47.830 ng
RT: 15.71 min Scan# 2115
Delta R.T. -0.01 min
Lab File: BG036284.D
Acq: 11 Aug 2018 1:57

Instrument :
BNA_G
ClientSampleId :
PB111938BSD

Tgt Ion	Ratio	Lower	Upper
138	100		
92	64.0	40.1	80.1
108	120.3	65.4	105.4

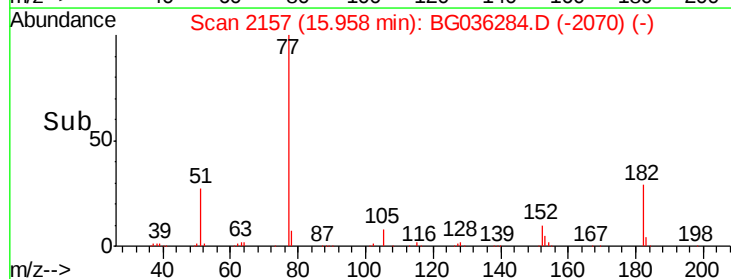
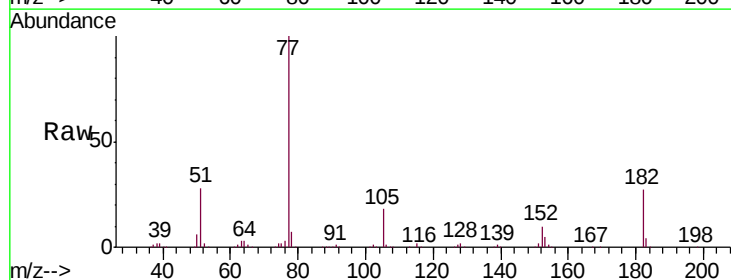
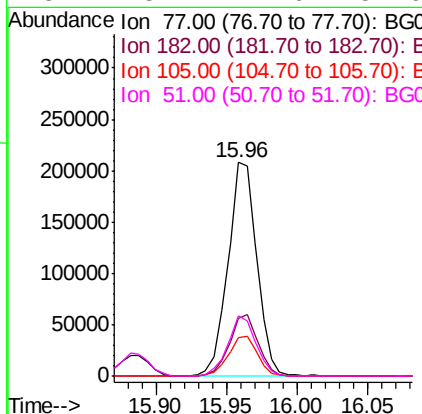
Manual Integrations
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#62
Azobenzene
Concen: 48.714 ng
RT: 15.96 min Scan# 2157
Delta R.T. -0.02 min
Lab File: BG036284.D
Acq: 11 Aug 2018 1:57

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.1	7.4	47.4
105	18.2	0.3	40.3
51	28.2	11.6	51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.37 min Scan# 2398

Delta R.T. -0.02 min

Lab File: BG036284.D

Acq: 11 Aug 2018 1:57

Instrument :

BNA_G

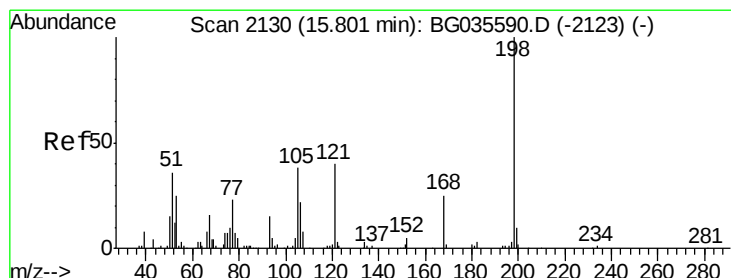
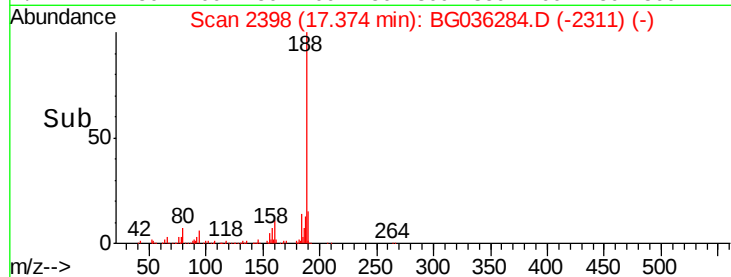
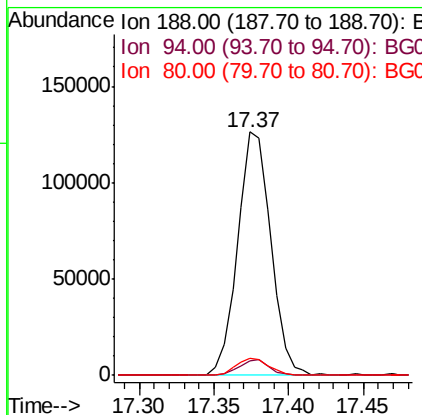
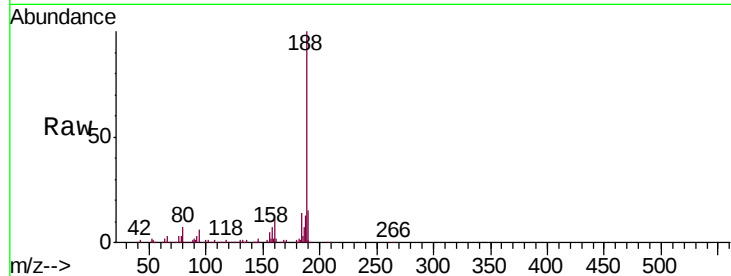
ClientSampleId :

PB111938BSD

Tgt Ion:	188	Resp:	194510
Ion Ratio	Lower	Upper	
188	100		
94	6.1	6.9	10.3#
80	7.2	7.7	11.5#

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#64

4,6-Dinitro-2-methylphenol

Concen: 49.502 ng

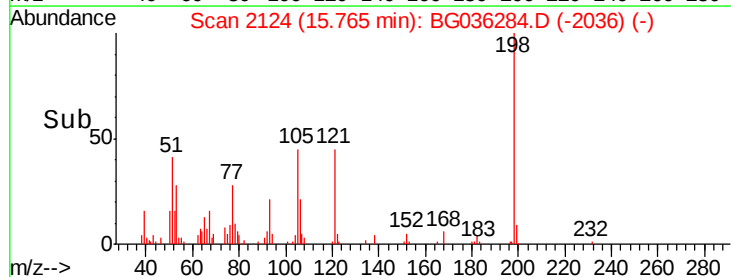
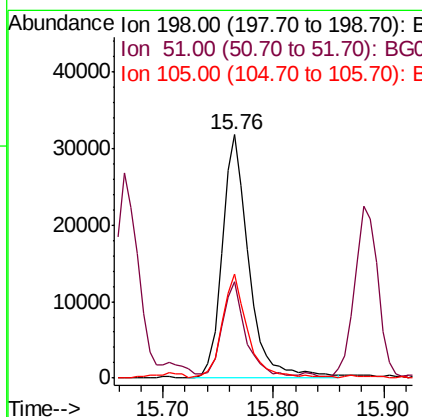
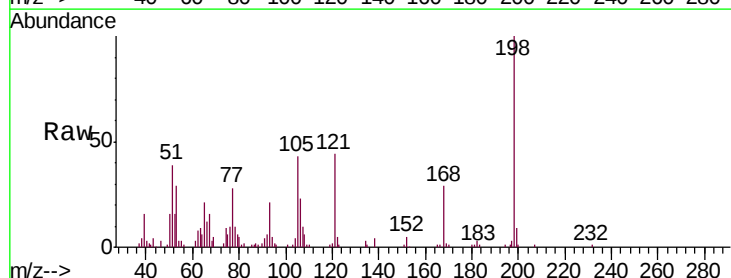
RT: 15.76 min Scan# 2124

Delta R.T. -0.01 min

Lab File: BG036284.D

Acq: 11 Aug 2018 1:57

Tgt Ion:	198	Resp:	53599
Ion Ratio	Lower	Upper	
198	100		
51	39.5	30.6	70.6
105	42.9	23.8	63.8





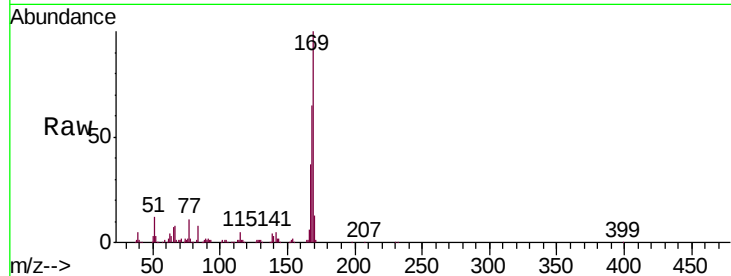
#65
 n-Nitrosodiphenylamine
 Concen: 46.559 ng
 RT: 15.89 min Scan# 2145
 Delta R.T. -0.01 min
 Lab File: BG036284.D
 Acq: 11 Aug 2018 1:57

Instrument :
 BNA_G
 ClientSampleId :
 PB111938BSD

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	257771		
168	64.6	55.7	83.5	
167	36.9	30.1	45.1	

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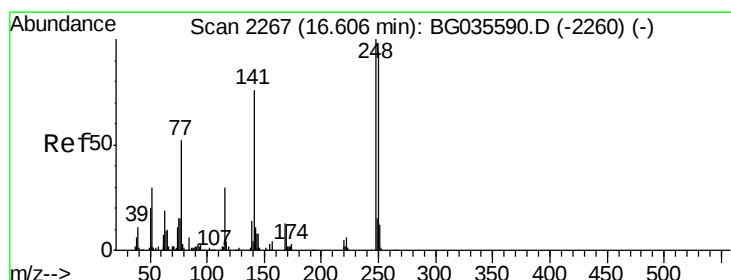
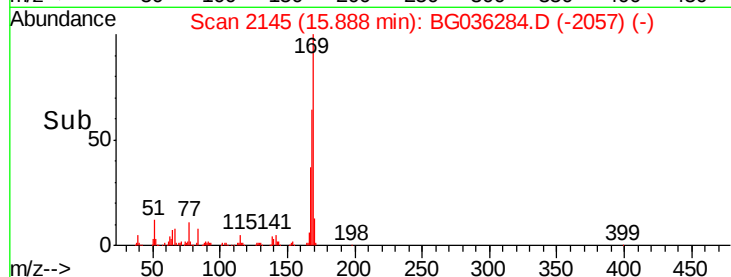
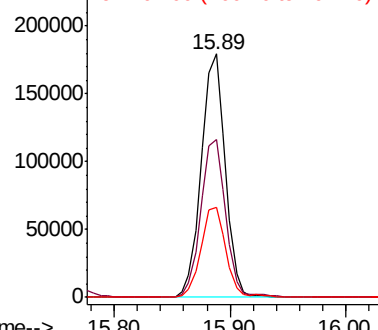


Abundance

Ion 169.00 (168.70 to 169.70): E

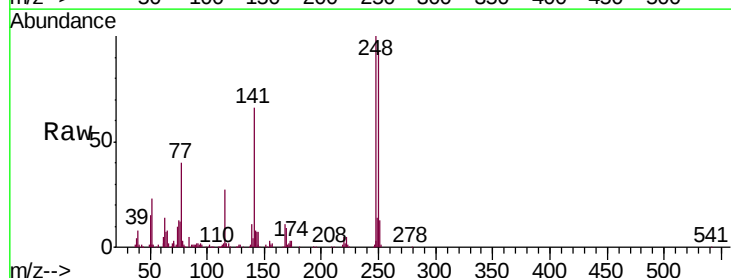
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66
 4-Bromophenyl-phenylether
 Concen: 53.308 ng
 RT: 16.56 min Scan# 2260
 Delta R.T. -0.02 min
 Lab File: BG036284.D
 Acq: 11 Aug 2018 1:57

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	120297		
250	93.2	77.1	115.7	
141	66.3	50.8	76.2	

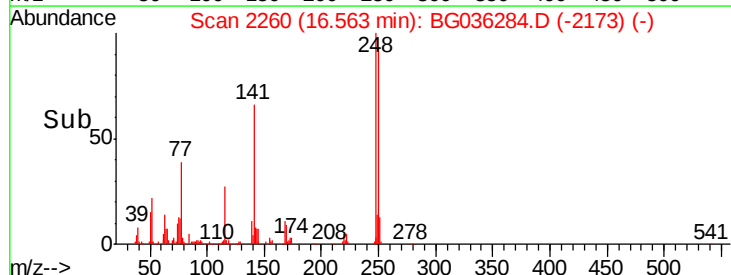
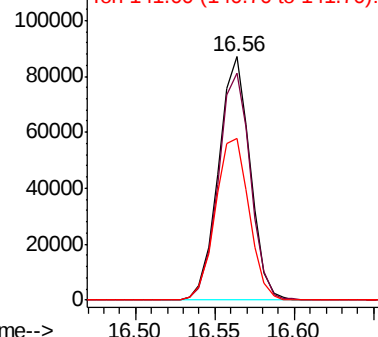


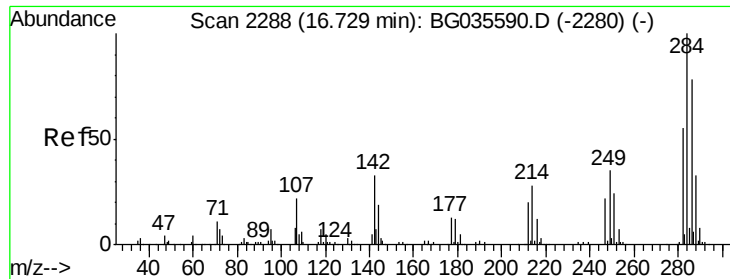
Abundance

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





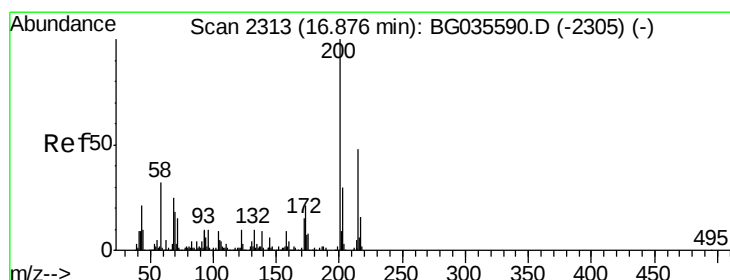
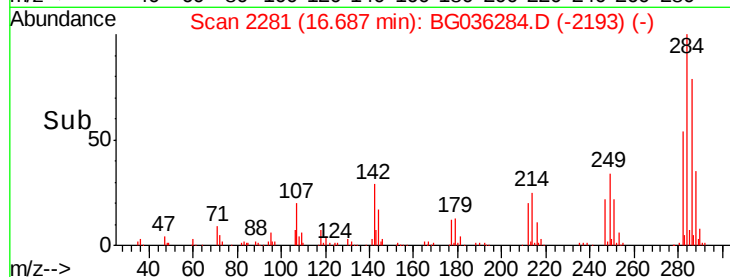
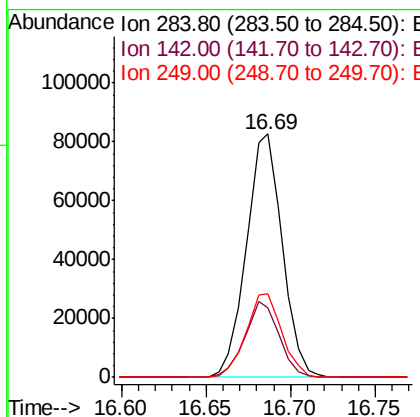
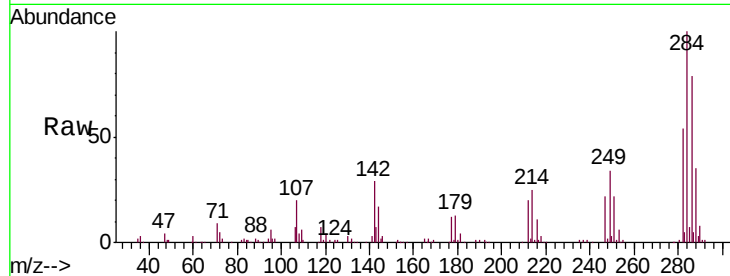
#67
Hexachlorobenzene
Concen: 52.467 ng
RT: 16.69 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BG036284.D
Acq: 11 Aug 2018 1:57

Instrument :
BNA_G
ClientSampleId :
PB111938BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	28.6	26.8	40.2
249	34.4	26.3	39.5

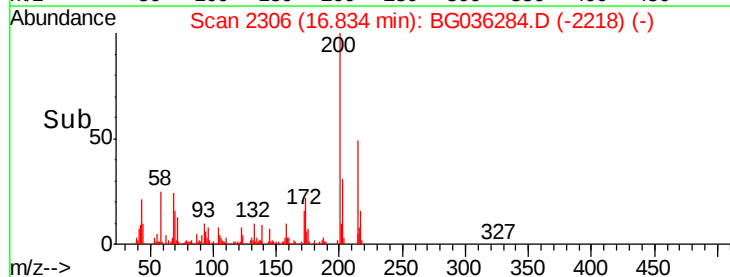
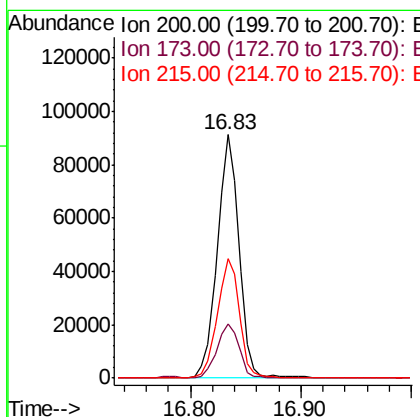
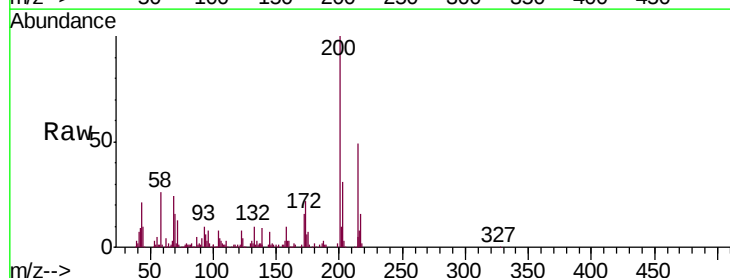
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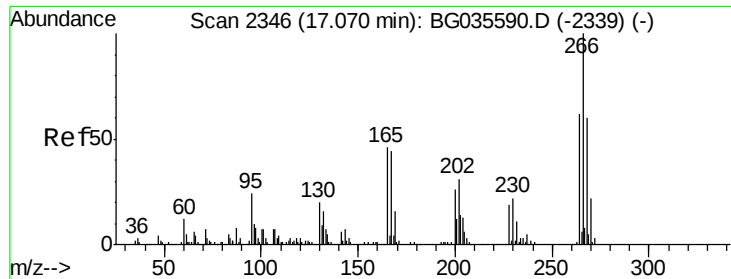
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#68
Atrazine
Concen: 54.730 ng
RT: 16.83 min Scan# 2306
Delta R.T. -0.01 min
Lab File: BG036284.D
Acq: 11 Aug 2018 1:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	22.1	5.2	45.2
215	49.0	30.4	70.4





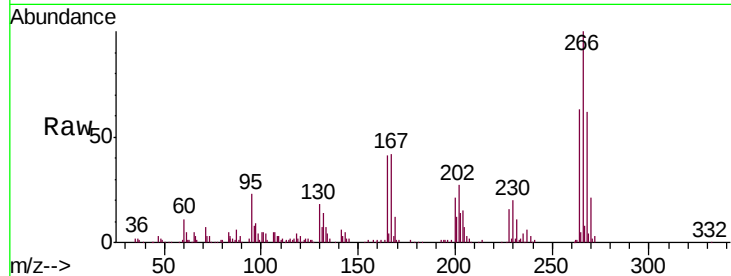
#69
 Pentachlorophenol
 Concen: 74.689 ng
 RT: 17.03 min Scan# 2340
 Delta R.T. -0.01 min
 Lab File: BG036284.D
 Acq: 11 Aug 2018 1:57

Instrument :
 BNA_G
 ClientSampleId :
 PB111938BSD

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.6	51.1	76.7
264	62.8	49.6	74.4

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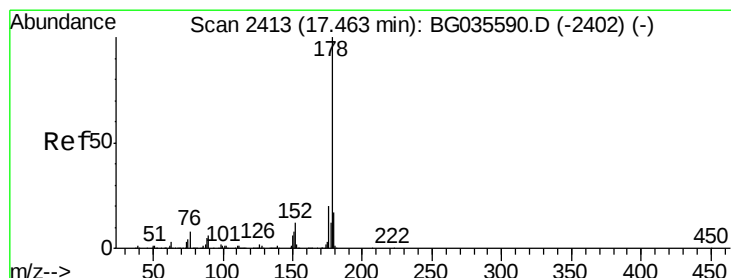
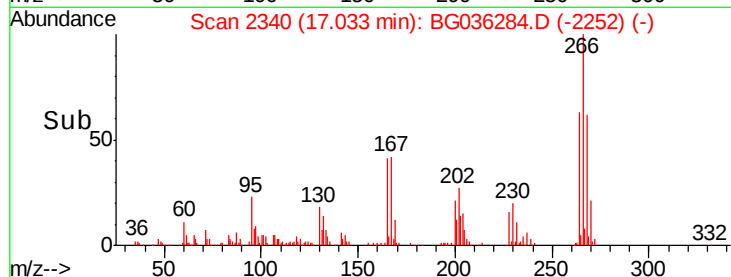
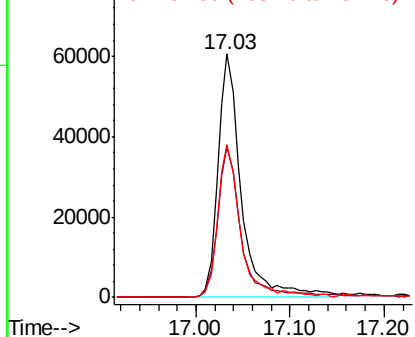


Abundance

Ion 265.70 (265.40 to 266.40): E

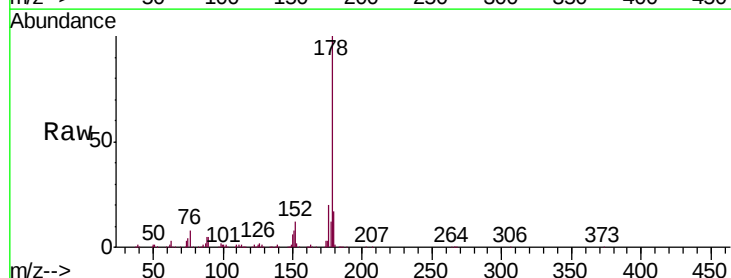
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 49.447 ng
 RT: 17.42 min Scan# 2406
 Delta R.T. -0.02 min
 Lab File: BG036284.D
 Acq: 11 Aug 2018 1:57

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.7	23.5
179	17.2	12.5	18.7

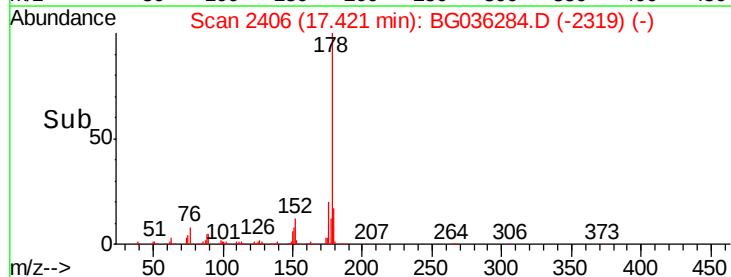
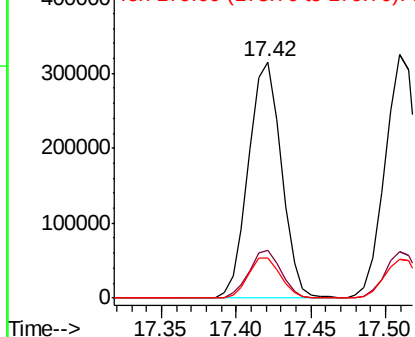


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





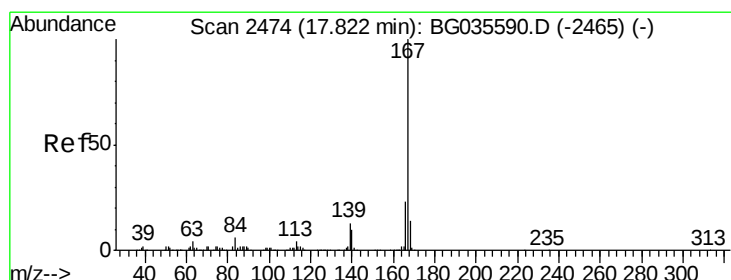
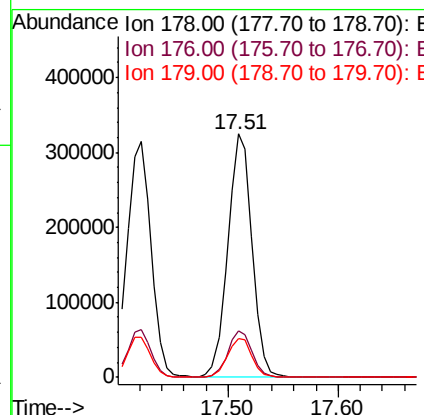
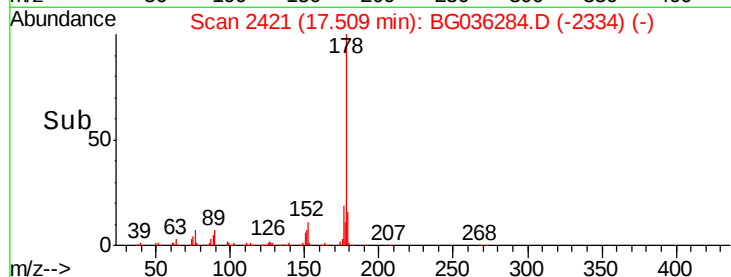
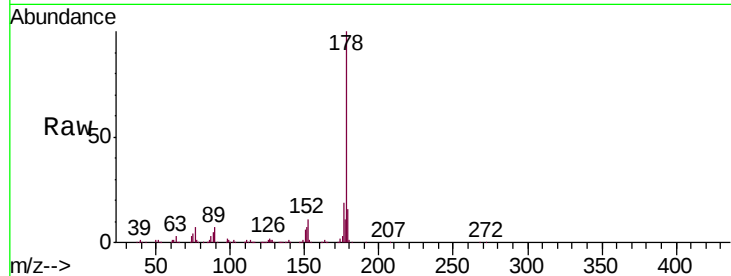
#71
 Anthracene
 Concen: 51.286 ng
 RT: 17.51 min Scan# 2421
 Delta R.T. -0.02 min
 Lab File: BG036284.D
 Acq: 11 Aug 2018 1:57

Instrument :
 BNA_G
 ClientSampleId :
 PB111938BSD

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	495636		
176	19.3	16.0	24.0	
179	16.0	12.5	18.7	

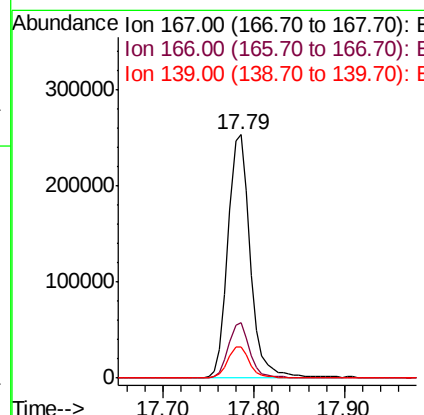
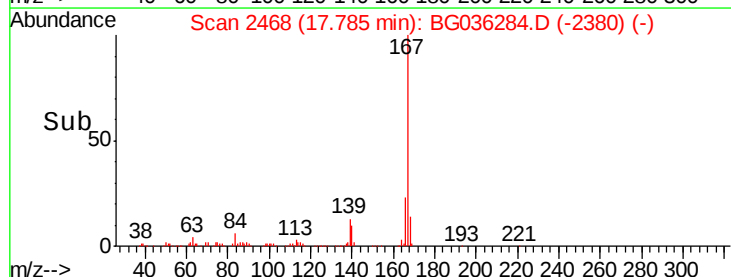
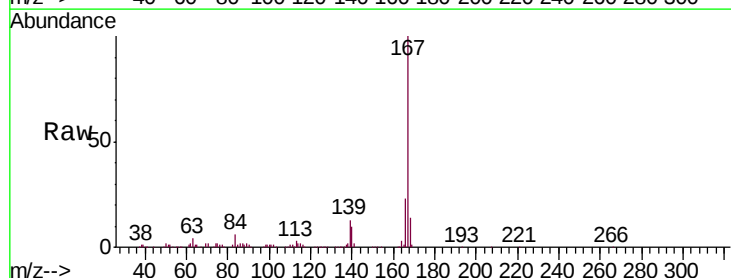
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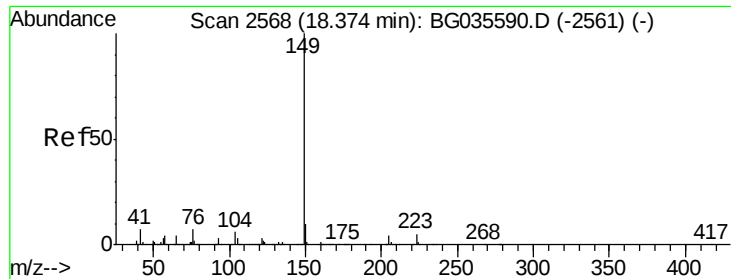
Sohil
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#72
 Carbazole
 Concen: 47.340 ng
 RT: 17.79 min Scan# 2468
 Delta R.T. -0.01 min
 Lab File: BG036284.D
 Acq: 11 Aug 2018 1:57

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	434486		
166	22.7	18.2	27.4	
139	12.9	9.4	14.2	





#73

Di-n-butylphthalate

Concen: 47.067 ng

RT: 18.33 min Scan# 2561

Delta R.T. -0.02 min

Lab File: BG036284.D

Acq: 11 Aug 2018 1:57

Instrument :

BNA_G

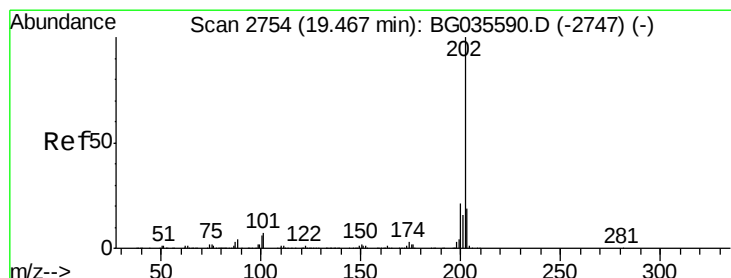
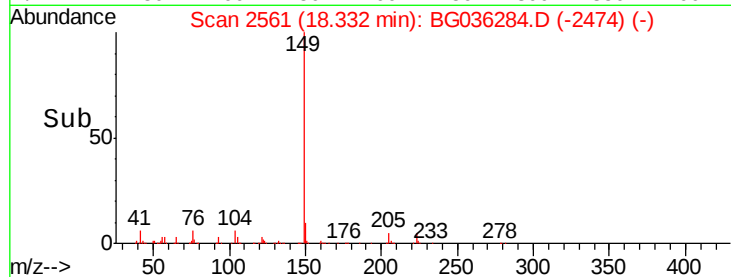
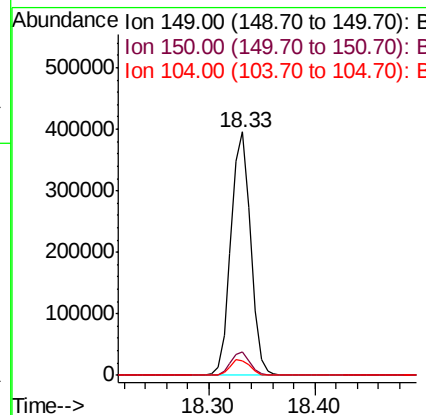
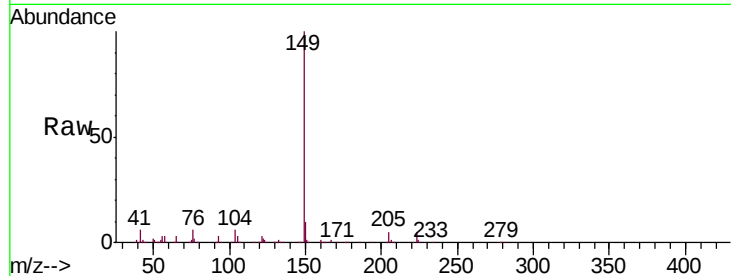
ClientSampleId :

PB111938BSD

Tgt Ion:	149	Resp:	510474
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.8	11.6
104	6.1	3.9	5.9#

Manual Integrations
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#74

Fluoranthene

Concen: 49.533 ng

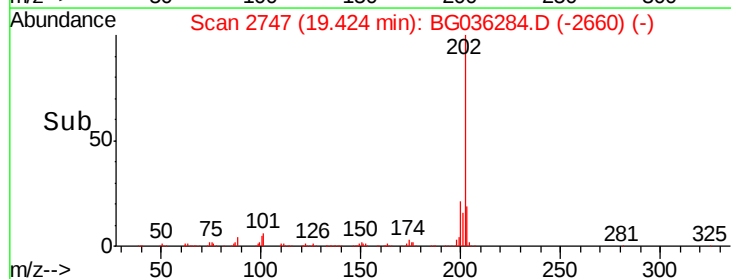
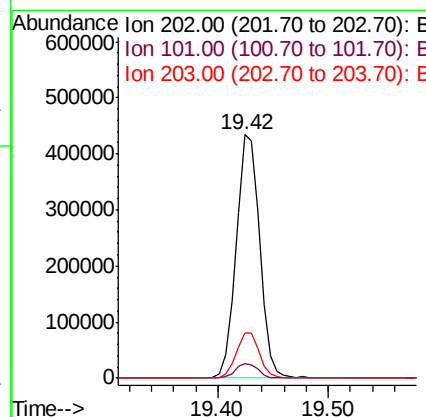
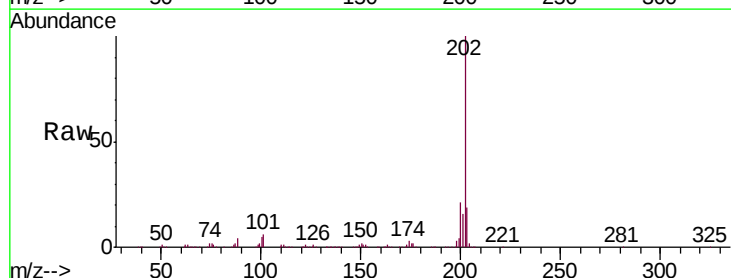
RT: 19.42 min Scan# 2747

Delta R.T. -0.02 min

Lab File: BG036284.D

Acq: 11 Aug 2018 1:57

Tgt Ion:	202	Resp:	647562
Ion Ratio	Lower	Upper	
202	100		
101	6.1	0.0	28.9
203	18.6	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.64 min Scan# 3124

Delta R.T. -0.02 min

Lab File: BG036284.D

Acq: 11 Aug 2018 1:57

Instrument :

BNA_G

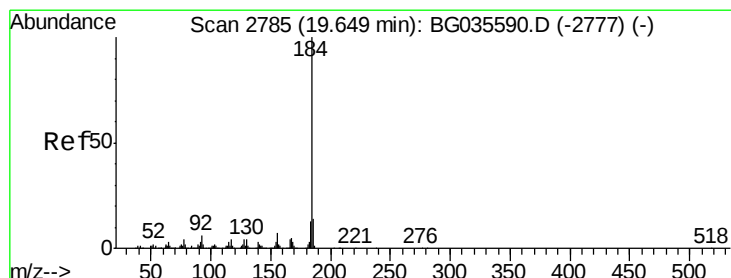
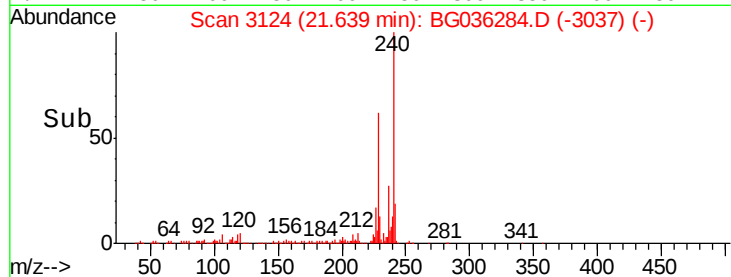
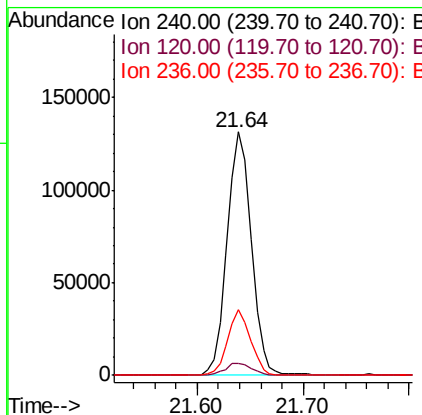
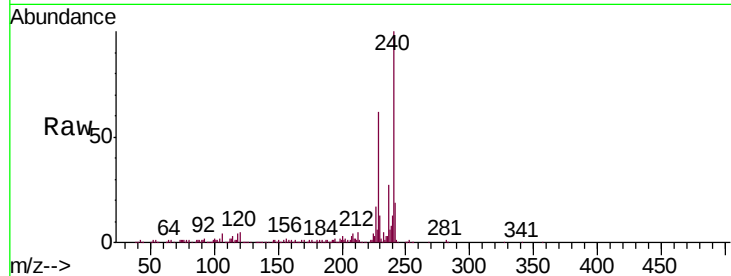
ClientSampleId :

PB111938BSD

Tgt	Ion	Ratio	Resp	Lower	Upper
240	100		209001		
120	5.2	6.8	10.2#		
236	26.9	20.9	31.3		

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#76

Benzidine

Concen: 27.020 ng

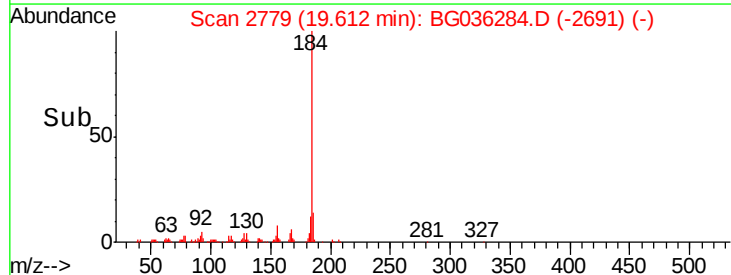
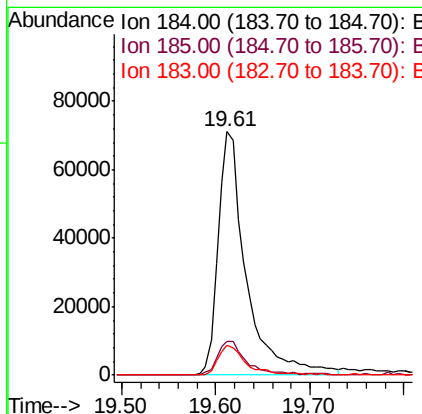
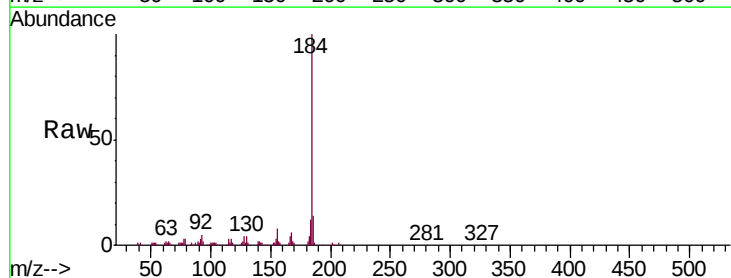
RT: 19.61 min Scan# 2779

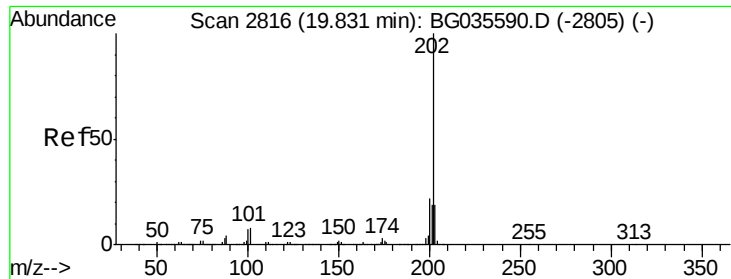
Delta R.T. -0.01 min

Lab File: BG036284.D

Acq: 11 Aug 2018 1:57

Tgt	Ion	Ratio	Resp	Lower	Upper
184	100		148464		
185	13.8	11.1	16.7		
183	12.1	10.6	16.0		





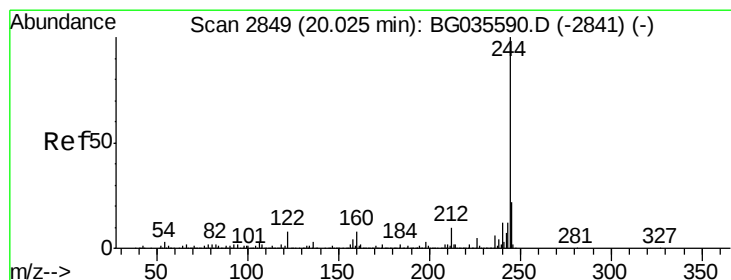
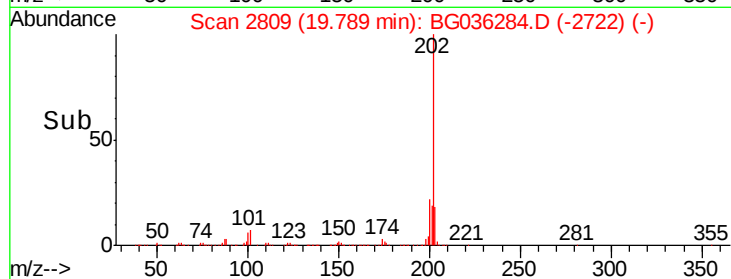
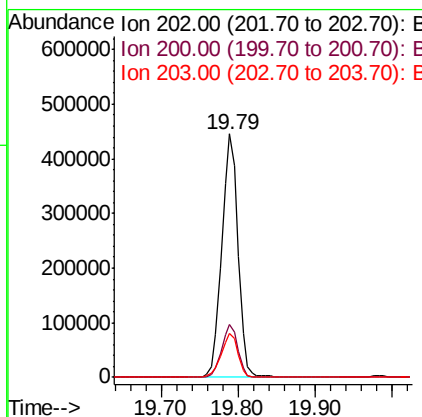
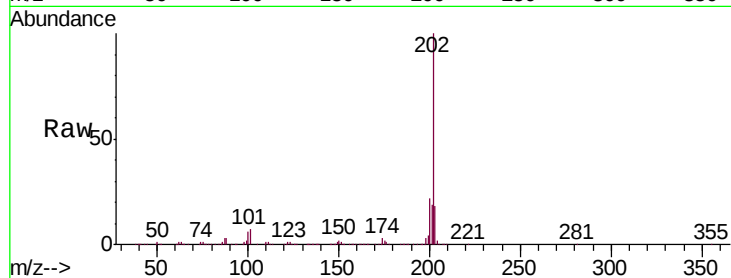
#77
 Pyrene
 Concen: 49.034 ng
 RT: 19.79 min Scan# 2809
 Delta R.T. -0.02 min
 Lab File: BG036284.D
 Acq: 11 Aug 2018 1:57

Instrument :
 BNA_G
 ClientSampleId :
 PB111938BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	21.6	16.9	25.3
203	18.3	13.9	20.9

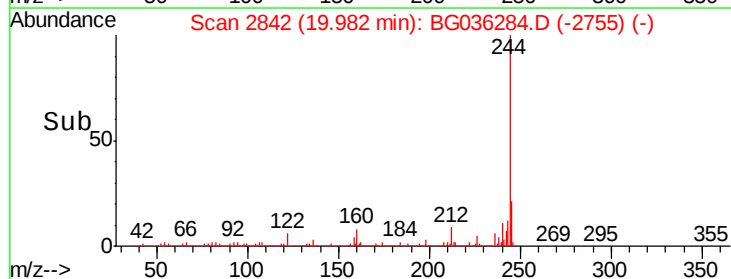
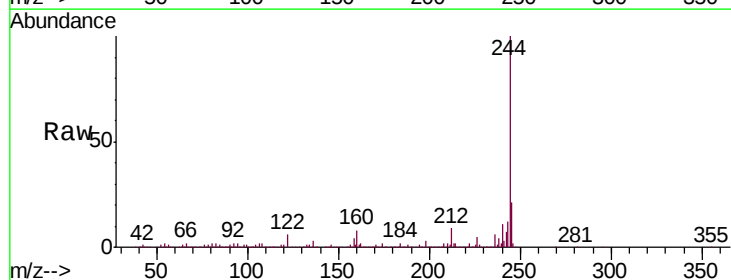
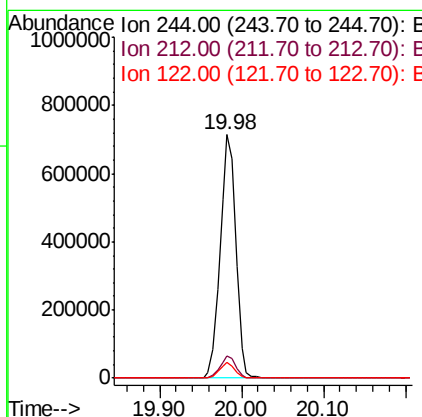
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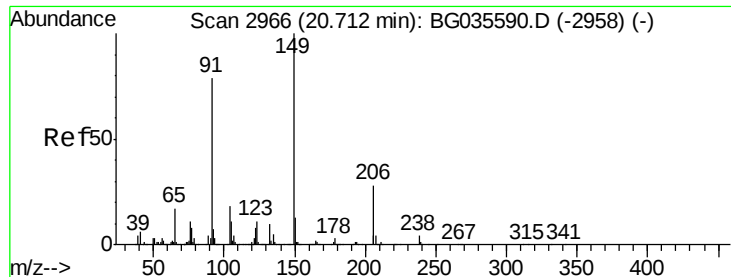
Sohil
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#78
 Terphenyl-d14
 Concen: 100.607 ng
 RT: 19.98 min Scan# 2842
 Delta R.T. -0.02 min
 Lab File: BG036284.D
 Acq: 11 Aug 2018 1:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	9.1	5.8	8.8#
122	6.3	7.0	10.4#





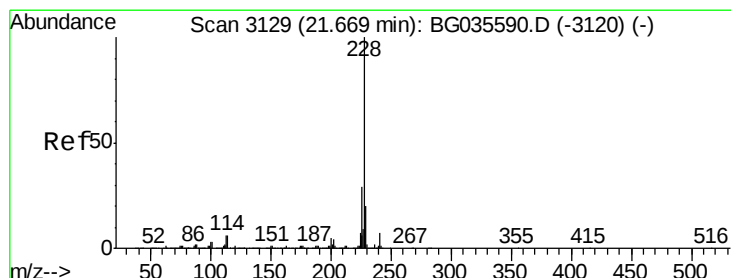
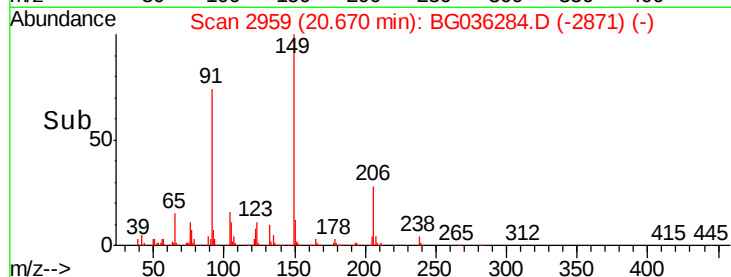
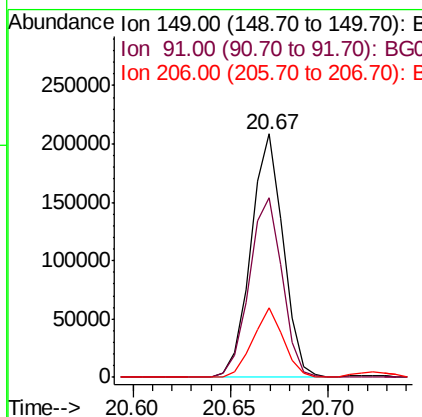
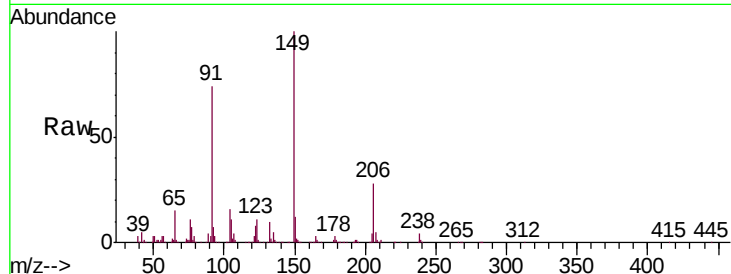
#79
Butylbenzylphthalate
Concen: 50.606 ng
RT: 20.67 min Scan# 2959
Delta R.T. -0.01 min
Lab File: BG036284.D
Acq: 11 Aug 2018 1:57

Instrument :
BNA_G
ClientSampleId :
PB111938BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	73.8	62.2	93.2
206	28.4	18.6	27.8

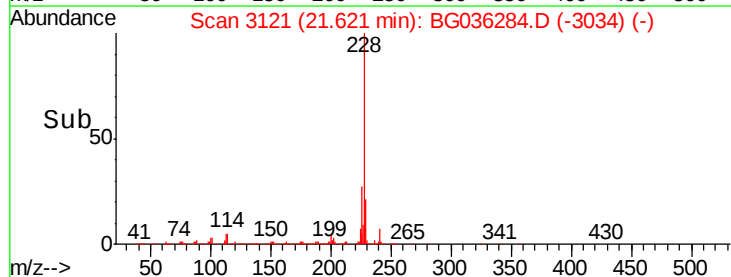
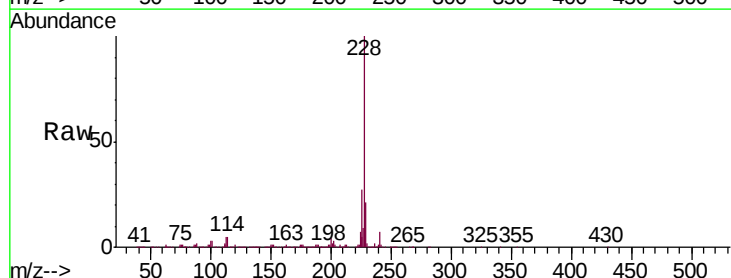
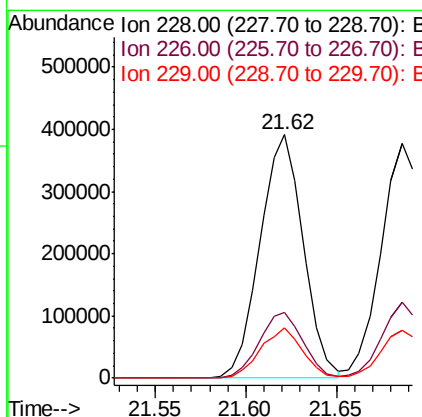
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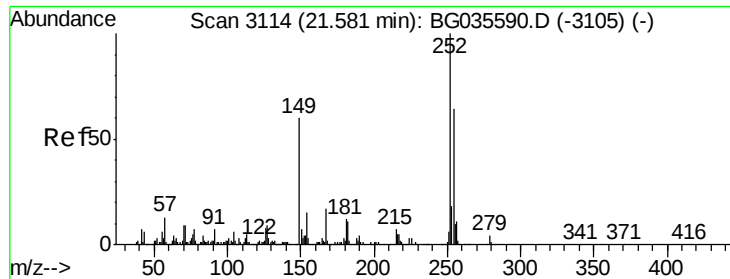
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#80
Benzo(a)anthracene
Concen: 49.982 ng
RT: 21.62 min Scan# 3121
Delta R.T. -0.02 min
Lab File: BG036284.D
Acq: 11 Aug 2018 1:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	26.8	22.7	34.1
229	20.5	16.2	24.2





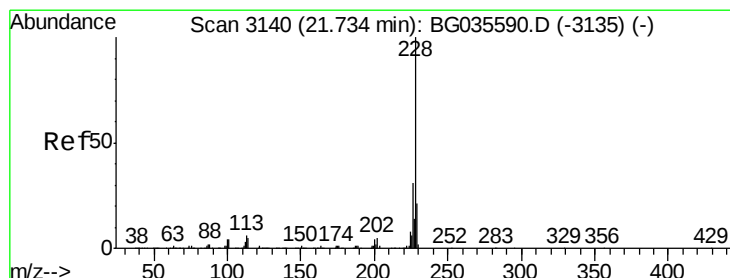
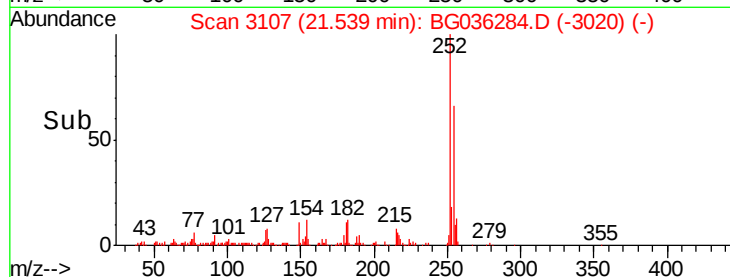
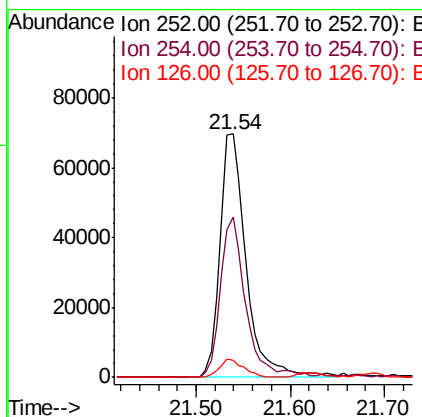
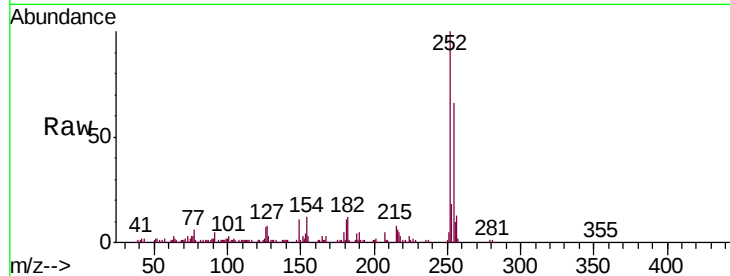
#81
 3,3'-Dichlorobenzidine
 Concen: 29.845 ng
 RT: 21.54 min Scan# 3107
 Delta R.T. -0.02 min
 Lab File: BG036284.D
 Acq: 11 Aug 2018 1:57

Instrument :
 BNA_G
 ClientSampleId :
 PB111938BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	65.8	50.8	76.2
126	7.2	7.4	11.2#

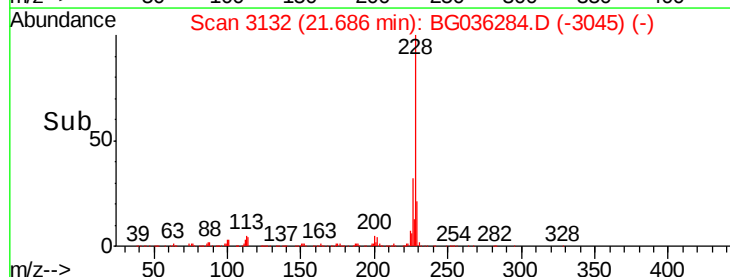
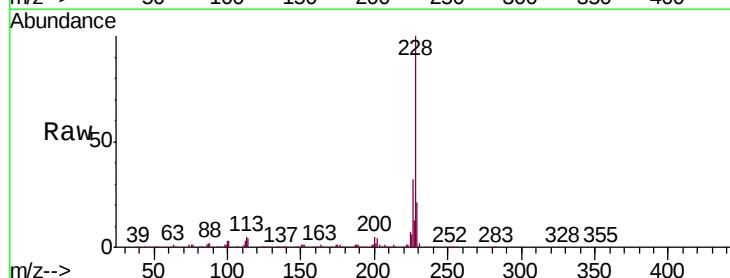
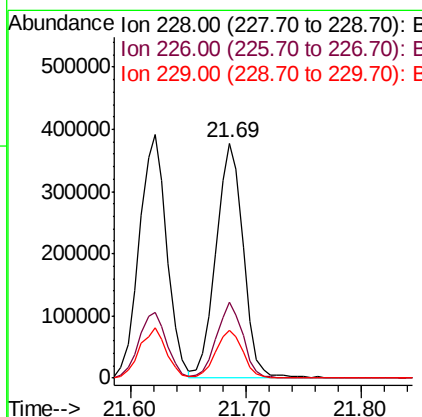
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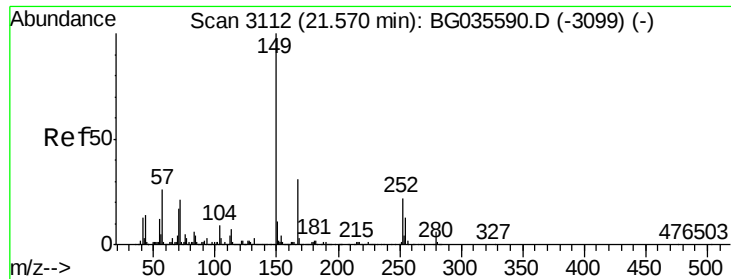
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#82
 Chrysene
 Concen: 50.620 ng
 RT: 21.69 min Scan# 3132
 Delta R.T. -0.02 min
 Lab File: BG036284.D
 Acq: 11 Aug 2018 1:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	32.4	24.9	37.3
229	20.6	15.0	22.4





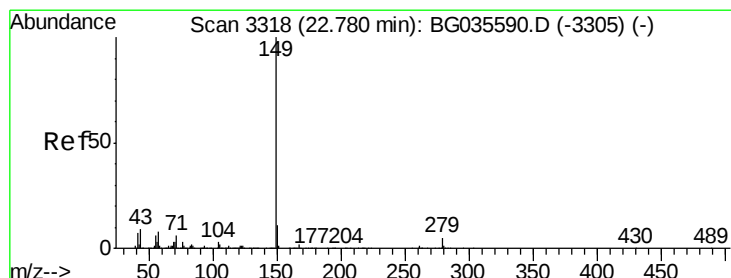
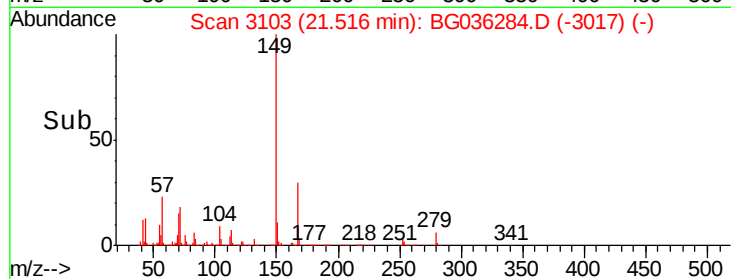
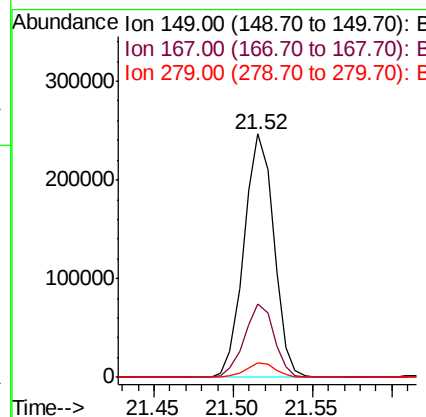
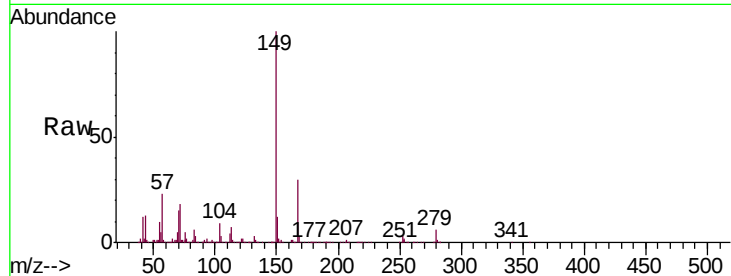
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 50.277 ng
 RT: 21.52 min Scan# 3103
 Delta R.T. -0.03 min
 Lab File: BG036284.D
 Acq: 11 Aug 2018 1:57

Instrument :
 BNA_G
 ClientSampleId :
 PB111938BSD

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.2	24.3	36.5
279	6.0	4.0	6.0

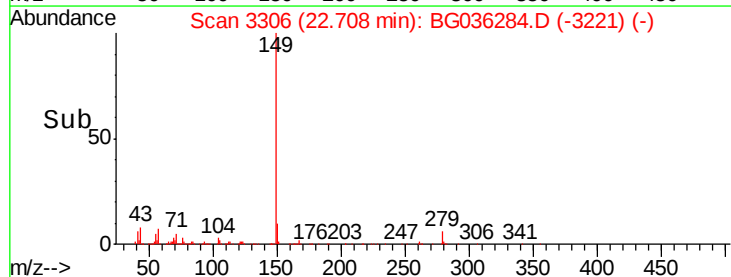
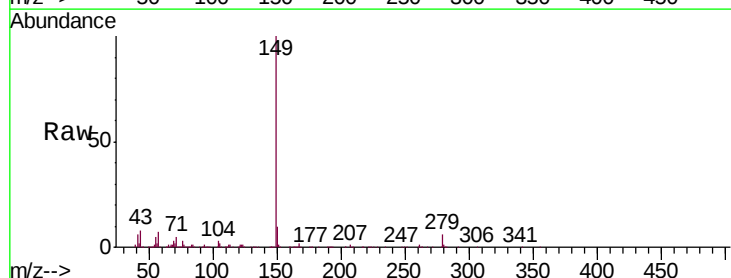
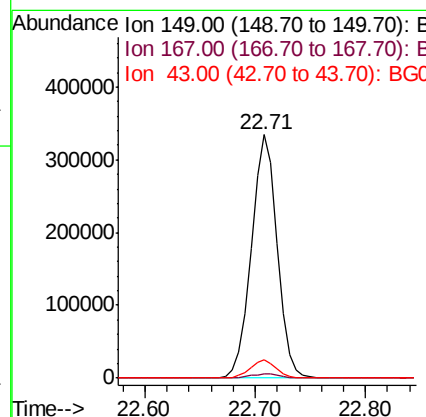
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#84
 Di-n-octyl phthalate
 Concen: 50.947 ng
 RT: 22.71 min Scan# 3306
 Delta R.T. -0.03 min
 Lab File: BG036284.D
 Acq: 11 Aug 2018 1:57

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	7.7	8.9	13.3#





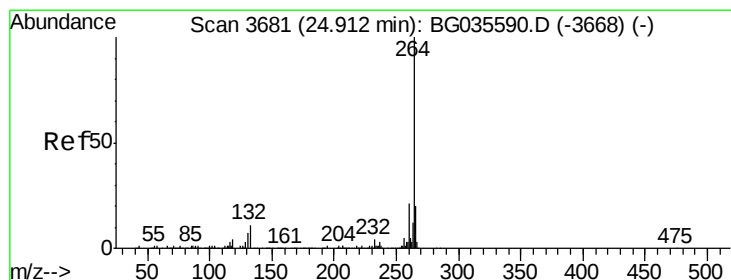
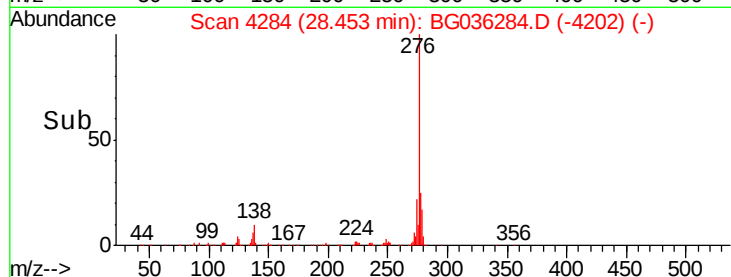
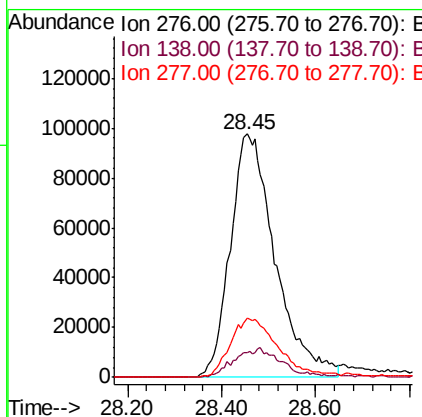
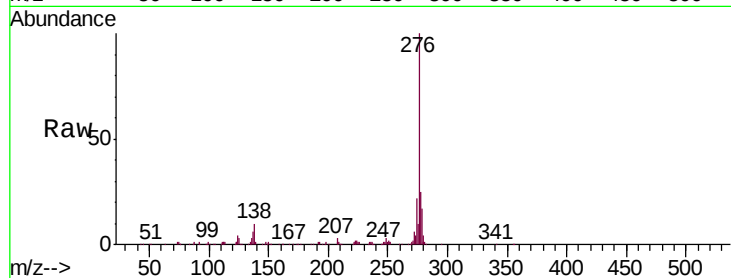
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 48.287 ng
 RT: 28.45 min Scan# 4284
 Delta R.T. -0.05 min
 Lab File: BG036284.D
 Acq: 11 Aug 2018 1:57

Instrument :
 BNA_G
 ClientSampleId :
 PB111938BSD

Tgt Ion	Ratio	Lower	Upper
276	100		
138	5.3	16.0	24.0#
277	25.6	20.0	30.0

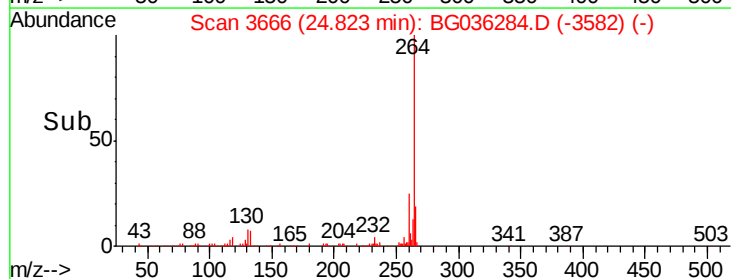
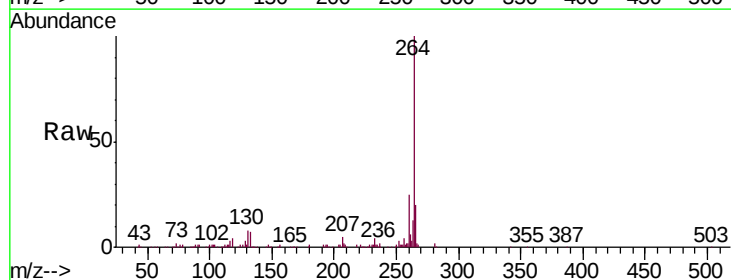
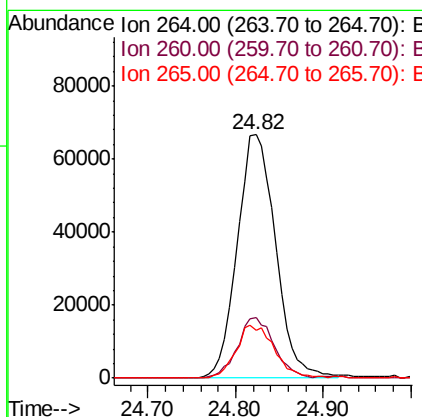
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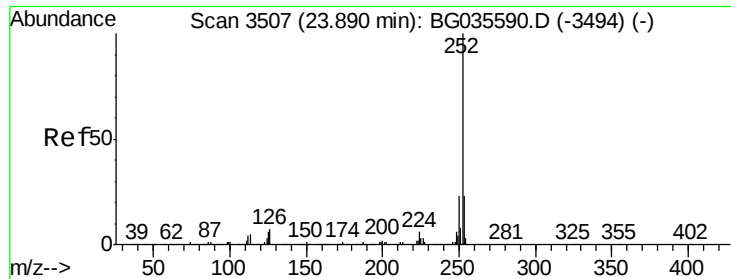
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.82 min Scan# 3666
 Delta R.T. -0.04 min
 Lab File: BG036284.D
 Acq: 11 Aug 2018 1:57

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	17.4	26.0
265	19.6	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 50.854 ng

RT: 23.82 min Scan# 3495

Delta R.T. -0.03 min

Lab File: BG036284.D

Acq: 11 Aug 2018 1:57

Instrument :

BNA_G

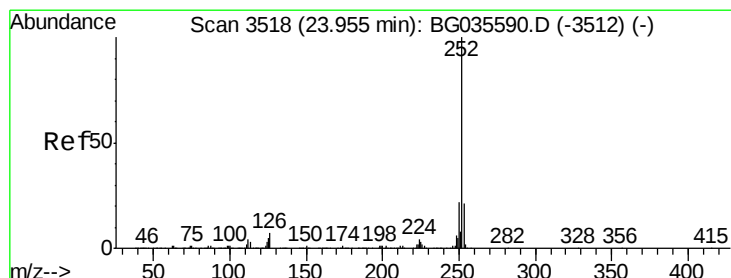
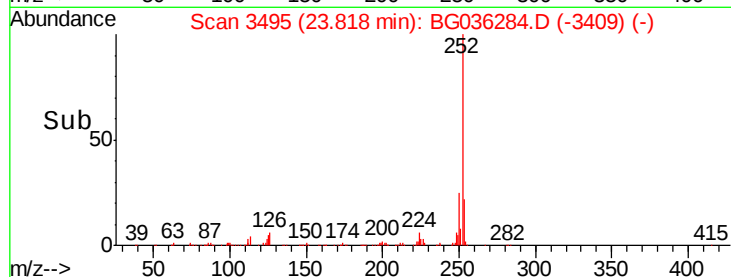
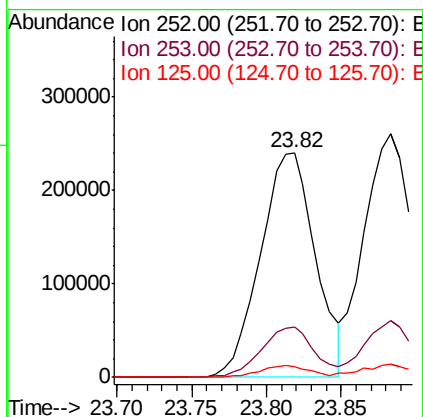
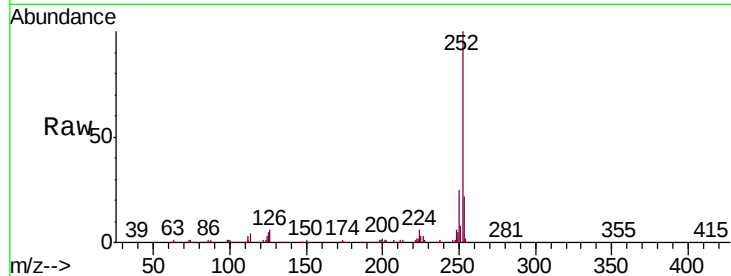
ClientSampleId :

PB111938BSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.4
125	5.0	7.2	10.8

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#88

Benzo(k)fluoranthene

Concen: 50.943 ng

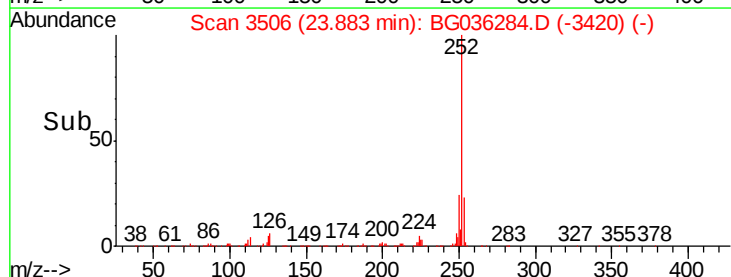
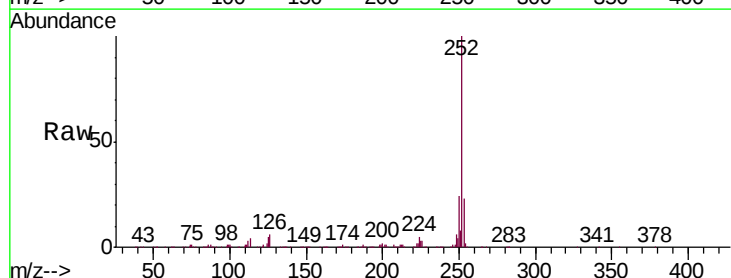
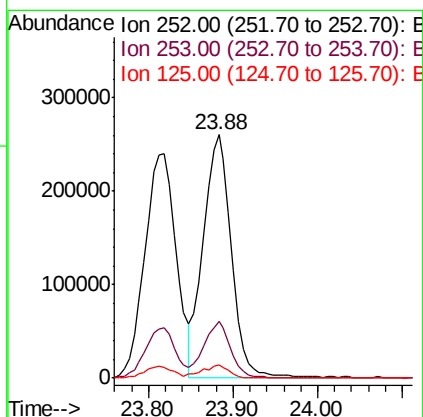
RT: 23.88 min Scan# 3506

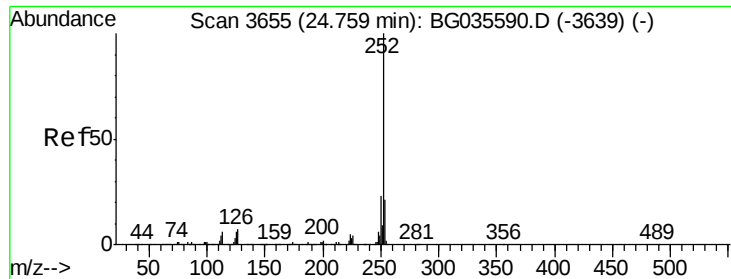
Delta R.T. -0.03 min

Lab File: BG036284.D

Acq: 11 Aug 2018 1:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.4	26.2
125	5.2	6.6	9.8





#89

Benzo(a)pyrene

Concen: 53.033 ng

RT: 24.68 min Scan# 3641

Delta R.T. -0.03 min

Lab File: BG036284.D

Acq: 11 Aug 2018 1:57

Instrument :

BNA_G

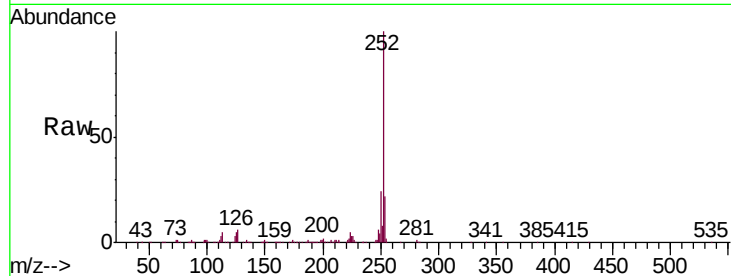
ClientSampleId :

PB111938BSD

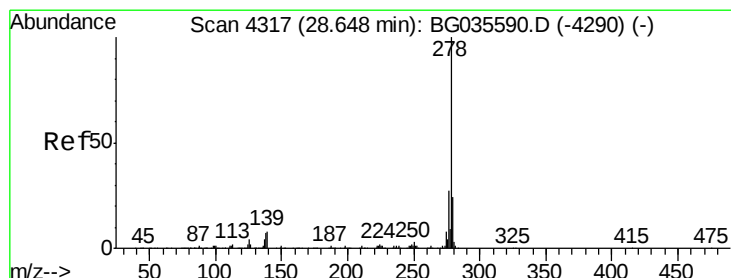
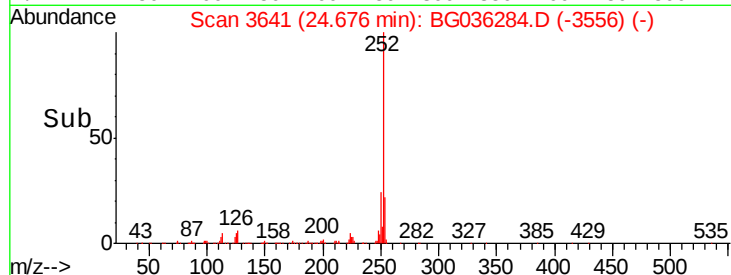
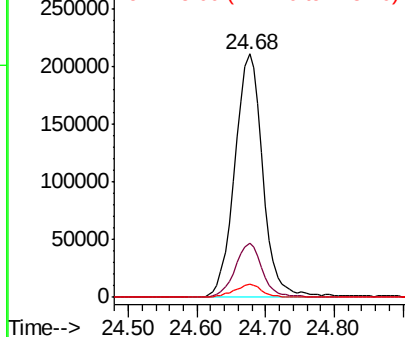
Tgt	Ion	252	Resp:	596484
	Ratio	100	Lower	Upper
252				
253	22.5	18.3	27.5	
125	5.5	7.3	10.9#	

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



#90

Dibenzo(a,h)anthracene

Concen: 47.347 ng

RT: 28.51 min Scan# 4294

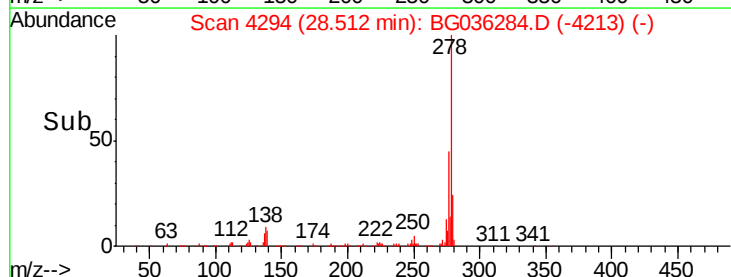
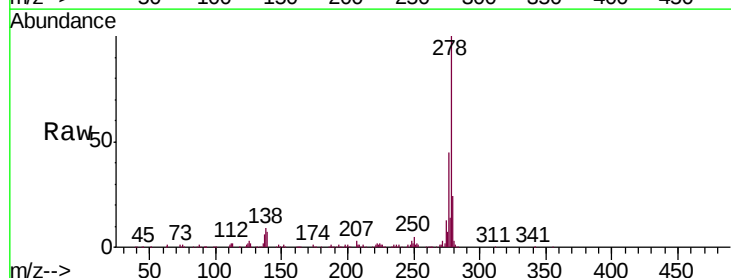
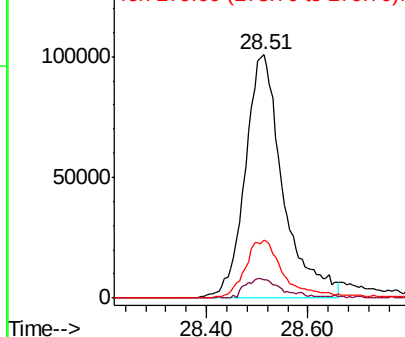
Delta R.T. -0.06 min

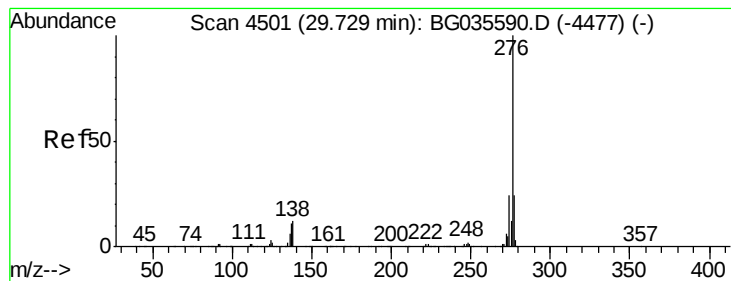
Lab File: BG036284.D

Acq: 11 Aug 2018 1:57

Tgt	Ion	278	Resp:	522806
	Ratio	100	Lower	Upper
278				
139	7.3	9.8	14.6#	
279	23.8	18.4	27.6	

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





#91

Benzo(g,h,i)perylene

Concen: 49.933 ng

RT: 29.58 min Scan# 4476

Delta R.T. -0.06 min

Lab File: BG036284.D

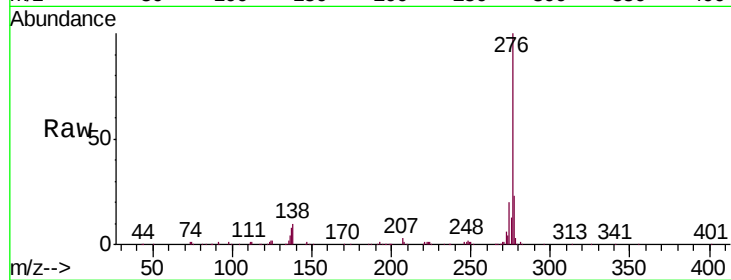
Acq: 11 Aug 2018 1:57

Instrument :

BNA_G

ClientSampleId :

PB111938BSD



Tgt	Ion	Ratio	Resp	Lower	Upper
276	100				
277	23.2	18.3	27.5		
138	10.4	13.9	20.9		

Manual Integrations
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