

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112818\
 Data File : BG038219.D
 Acq On : 29 Nov 2018 3:46
 Operator : JU/SJ
 Sample : PB115103BSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115103BSD

Manual Integrations
 APPROVED

mohammad
 11/30/2018 11:42:01 AM

Quant Time: Nov 29 05:28:09 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	34000	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	147014	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	92257	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	217083	20.00	ng	0.00
76) Chrysene-d12	21.75	240	206532	20.00	ng	0.00
87) Perylene-d12	25.07	264	218198	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	168553	85.59	ng	0.00
7) Phenol-d6	7.23	99	230094	81.86	ng	0.00
23) Nitrobenzene-d5	9.26	82	209684	76.35	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	81722	77.67	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	479423	75.71	ng	0.00
79) Terphenyl-d14	20.07	244	732091	83.41	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	24983	26.859	ng	# 94
3) Pyridine	3.92	79	75384	28.411	ng	95
4) n-Nitrosodimethylamine	3.84	42	39349	40.877	ng	92
6) Aniline	7.41	93	36719	10.121	ng	97
8) 2-Chlorophenol	7.64	128	89282	39.074	ng	98
9) Benzaldehyde	7.22	77	57841	28.454	ng	99
10) Phenol	7.26	94	119098	40.000	ng	97
11) bis(2-Chloroethyl)ether	7.50	93	82513	33.946	ng	97
12) 1,3-Dichlorobenzene	7.97	146	89528	34.011	ng	98
13) 1,4-Dichlorobenzene	8.12	146	91610	34.452	ng	96
14) 1,2-Dichlorobenzene	8.44	146	88087	34.698	ng	97
15) Benzyl Alcohol	8.32	79	81696	40.166	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.61	45	174585	38.680	ng	98
17) 2-Methylphenol	8.52	107	80710	40.095	ng	99
18) Hexachloroethane	9.16	117	33785	34.911	ng	90
19) n-Nitroso-di-n-propylamine	8.89	70	69807	34.321	ng	97
20) 3+4-Methylphenols	8.85	107	109464	38.360	ng	99
22) Acetophenone	8.92	105	131685	36.001	ng	# 98
24) Nitrobenzene	9.30	77	106970	38.075	ng	98
25) Isophorone	9.82	82	193816	39.209	ng	98
26) 2-Nitrophenol	10.02	139	51579	36.775	ng	94
27) 2,4-Dimethylphenol	10.06	122	91471	43.286	ng	92
28) bis(2-Chloroethoxy)methane	10.30	93	116252	36.778	ng	96
29) 2,4-Dichlorophenol	10.54	162	93939	39.521	ng	98
30) 1,2,4-Trichlorobenzene	10.76	180	93771	35.205	ng	96
31) Naphthalene	10.96	128	278944	38.577	ng	100
32) Benzoic acid	10.16	122	41468m	34.979	ng	
33) 4-Chloroaniline	11.07	127	27452	8.162	ng	99
34) Hexachlorobutadiene	11.21	225	55442	33.821	ng	94
35) Caprolactam	11.85	113	32612	34.278	ng	# 82
36) 4-Chloro-3-methylphenol	12.17	107	102867	39.613	ng	91
37) 2-Methylnaphthalene	12.55	142	205752	39.614	ng	99
38) 1-Methylnaphthalene	12.77	142	196140	39.231	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	107126	34.749	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	125495	76.022	nq	99
43) 2,4,6-Trichlorophenol	13.15	196	77616	36.947	nq	99
44) 2,4,5-Trichlorophenol	13.22	196	84284	38.131	nq	95
46) 1,1'-Biphenyl	13.55	154	264841	34.170	nq	99
47) 2-Chloronaphthalene	13.60	162	211143	35.700	nq	99
48) 2-Nitroaniline	13.81	65	74456	40.000	nq	99
49) Acenaphthylene	14.45	152	349972	39.350	nq	100
50) Dimethylphthalate	14.17	163	267535	36.579	nq	99
51) 2,6-Dinitrotoluene	14.30	165	61221	36.984	nq	97
52) Acenaphthene	14.79	154	198174	37.012	nq	97
53) 3-Nitroaniline	14.63	138	25633	14.033	nq	# 97
54) 2,4-Dinitrophenol	14.84	184	28157	37.143	nq	90
55) Dibenzofuran	15.12	168	324243	36.623	nq	96
56) 4-Nitrophenol	14.93	139	93695	66.508	nq	92
57) 2,4-Dinitrotoluene	15.09	165	88049	39.094	nq	96
58) Fluorene	15.77	166	259077	39.219	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.34	232	73331	39.648	nq	96
60) Diethylphthalate	15.52	149	282376	36.349	nq	98
61) 4-Chlorophenyl-phenylether	15.75	204	135317	35.008	nq	98
62) 4-Nitroaniline	15.80	138	66591	36.698	nq	95
63) Azobenzene	16.04	77	266969	38.436	nq	97
65) 4,6-Dinitro-2-methylphenol	15.84	198	34170	24.886	nq	97
66) n-Nitrosodiphenylamine	15.97	169	237729	36.199	nq	98
67) 4-Bromophenyl-phenylether	16.65	248	86040	36.111	nq	98
68) Hexachlorobenzene	16.76	284	86266	35.076	nq	98
69) Atrazine	16.91	200	90275	37.289	nq	98
70) Pentachlorophenol	17.11	266	86021	51.499	nq	96
71) Phenanthrene	17.51	178	436305	39.256	nq	99
72) Anthracene	17.60	178	445926	40.702	nq	100
73) Carbazole	17.88	167	400472	36.433	nq	99
74) Di-n-butylphthalate	18.41	149	488639	39.602	nq	98
75) Fluoranthene	19.52	202	517217	40.788	nq	99
77) Benzidine	19.70	184	114015	15.733	nq	100
78) Pyrene	19.88	202	523305	38.754	nq	97
80) Butylbenzylphthalate	20.75	149	225876	38.251	nq	98
81) Benzo(a)anthracene	21.73	228	495458	39.697	nq	99
82) 3,3'-Dichlorobenzidine	21.65	252	77457	15.932	nq	99
83) Chrysene	21.80	228	464344	38.885	nq	96
84) Bis(2-ethylhexyl)phthalate	21.60	149	319651	37.957	nq	99
85) Di-n-octyl phthalate	22.84	149	544209	39.945	nq	99
86) Indeno(1,2,3-cd)pyrene	28.88	276	489934	36.941	nq	97
88) Benzo(b)fluoranthene	24.01	252	482207	40.159	nq	99
89) Benzo(k)fluoranthene	24.08	252	466276	39.353	nq	99
90) Benzo(a)pyrene	24.92	252	470295	40.983	nq	99
91) Dibenzo(a,h)anthracene	28.95	278	380174	34.432	nq	98
92) Benzo(g,h,i)perylene	30.09	276	394494	35.933	nq	97

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

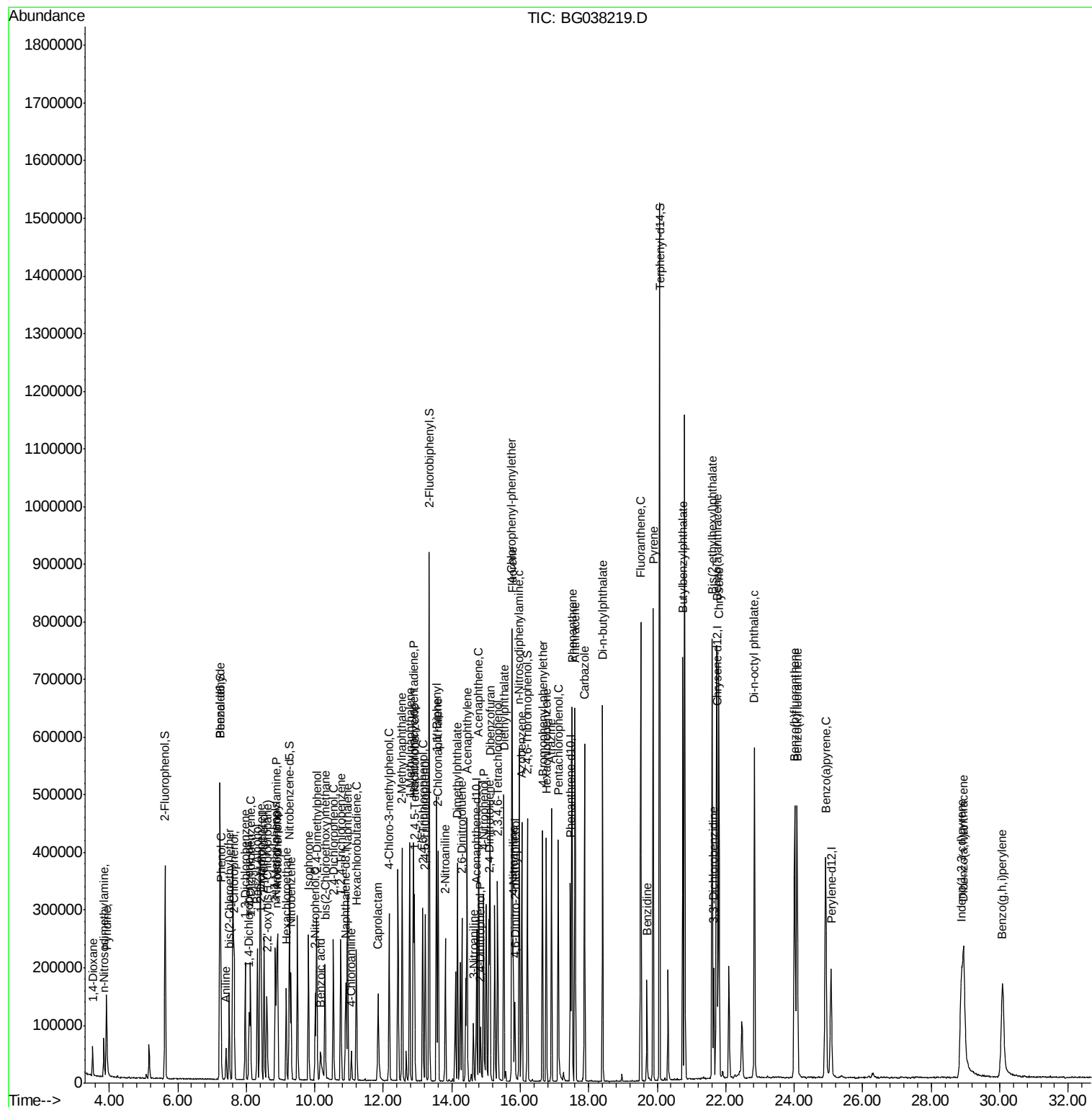
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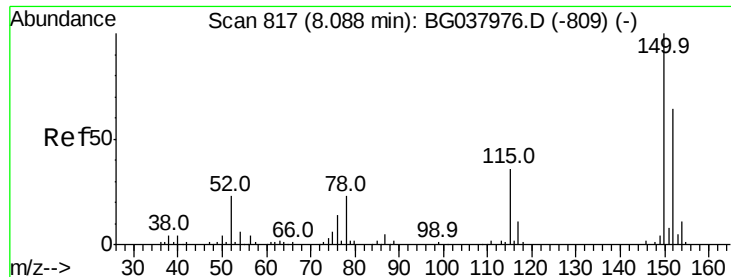
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#1

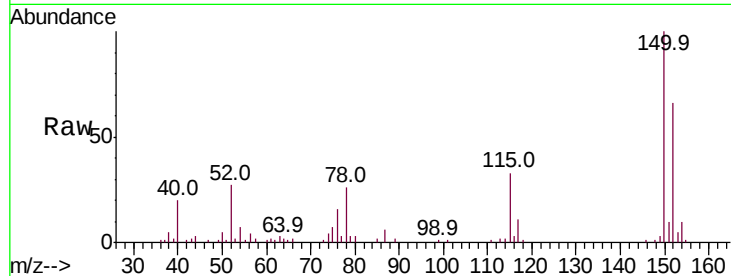
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 816
Delta R.T. -0.01 min
Lab File: BG038219.D
Acq: 29 Nov 2018 3:46

Instrument :
BNA_G
ClientSampleId :
PB115103BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.2	126.0	189.0
115	50.5	45.5	68.3

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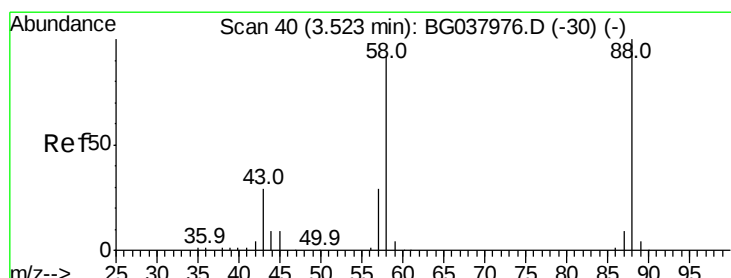
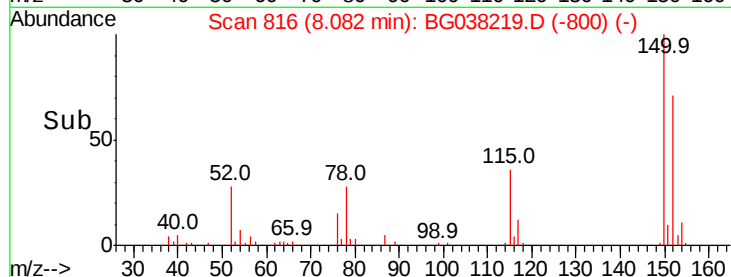
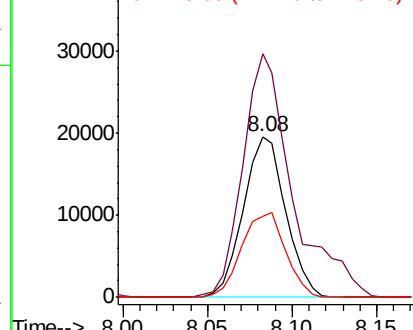


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

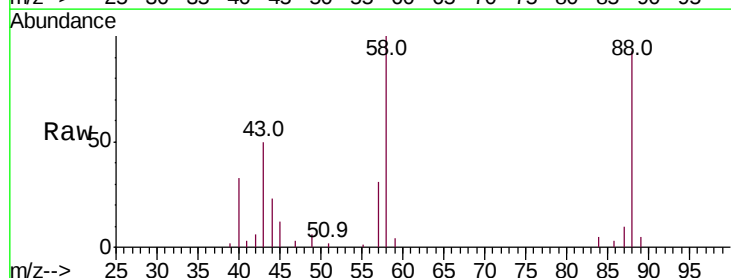
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 26.859 ng
RT: 3.52 min Scan# 39
Delta R.T. -0.01 min
Lab File: BG038219.D
Acq: 29 Nov 2018 3:46

Tgt Ion	Ratio	Lower	Upper
88	100		
58	97.1	74.4	111.6
43	38.8	25.8	38.8#

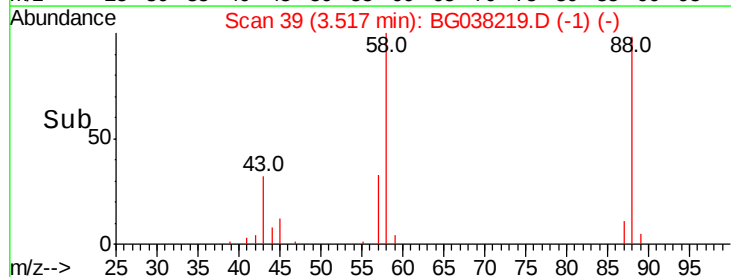
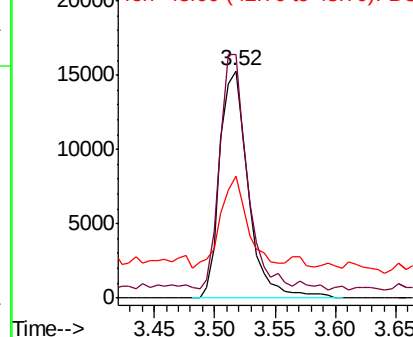


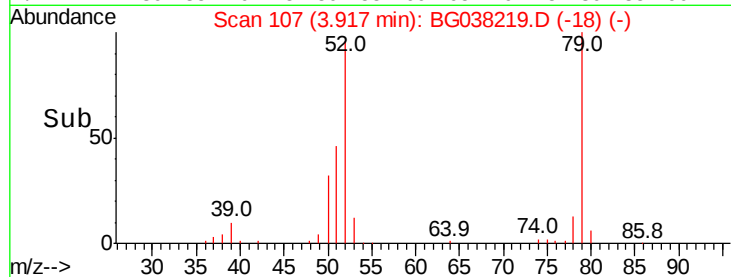
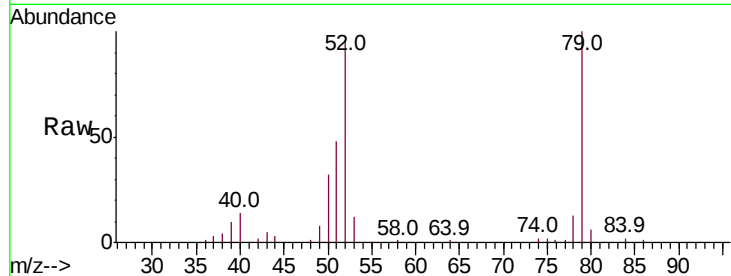
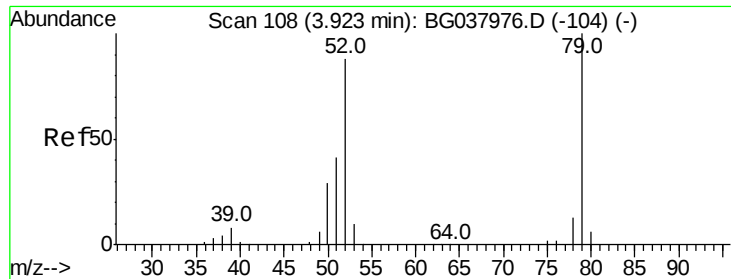
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 28.411 ng

RT: 3.92 min Scan# 107

Delta R.T. -0.01 min

Lab File: BG038219.D

Acq: 29 Nov 2018 3:46

Tot Ion:	79	Resp:	75384
Ion	Ratio	Lower	Upper
79	100		
52	96.3	74.2	111.2
51	47.8	34.6	51.8

Instrument :

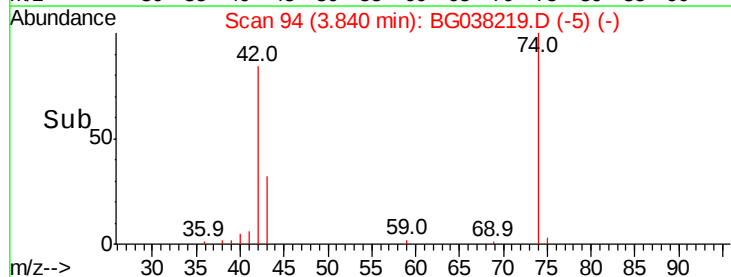
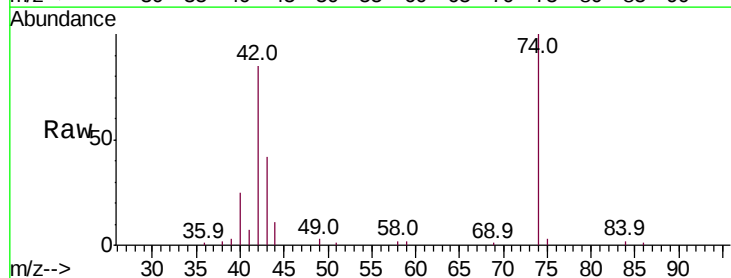
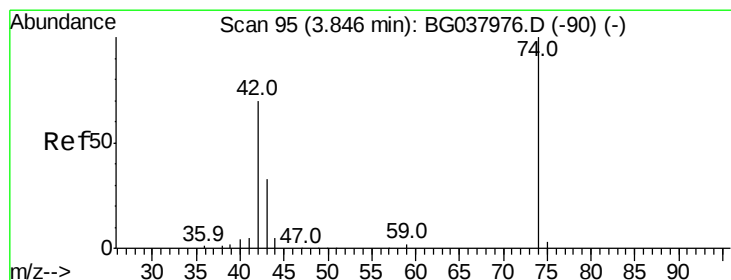
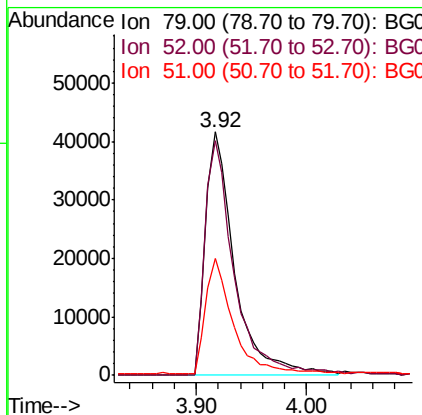
BNA_G

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#4

n-Nitrosodimethylamine

Concen: 40.877 ng

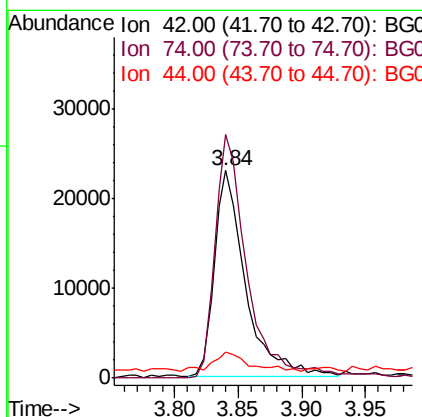
RT: 3.84 min Scan# 94

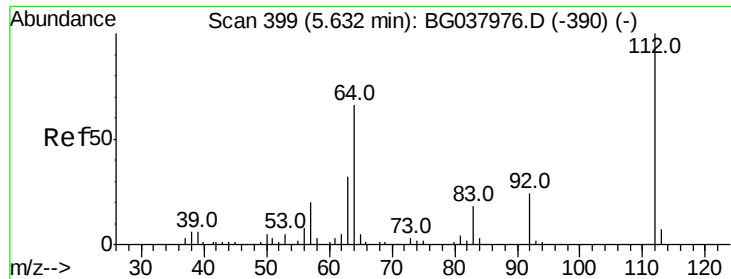
Delta R.T. -0.01 min

Lab File: BG038219.D

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Tgt Ion:	42	Resp:	39349
Ion	Ratio	Lower	Upper
42	100		
74	117.5	102.0	153.0
44	12.7	9.6	14.4





#5

2-Fluorophenol

Concen: 85.593 ng

RT: 5.63 min Scan# 399

Delta R.T. 0.00 min

Lab File: BG038219.D

Acq: 29 Nov 2018 3:46

Instrument :

BNA_G

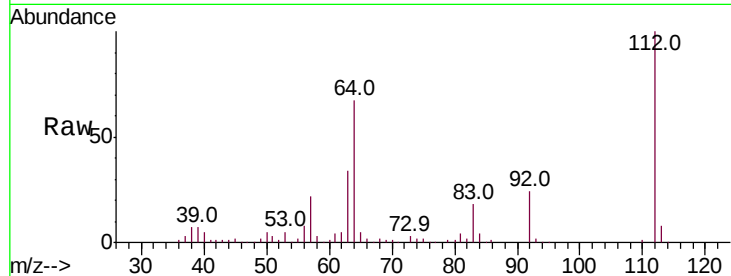
ClientSampleId :

PB115103BSD

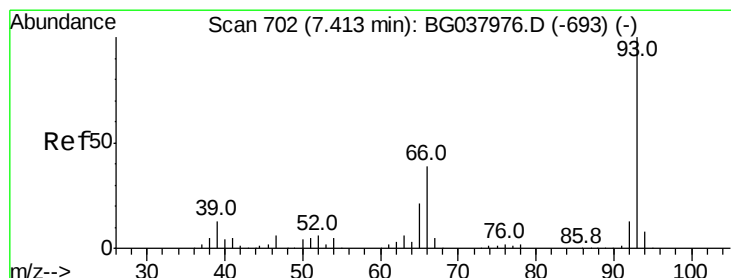
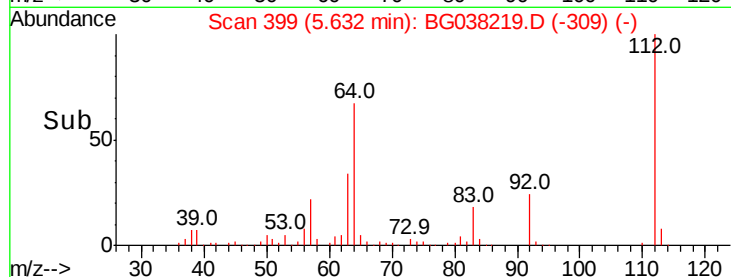
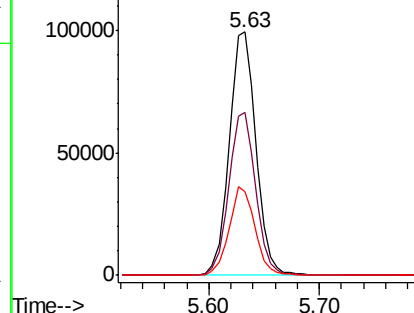
Tot Ion:	112	Resp:	168553
Ion Ratio	Lower	Upper	
112	100		
64	66.9	53.1	79.7
63	34.5	27.3	40.9

Manual Integrations
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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: 10.121 ng

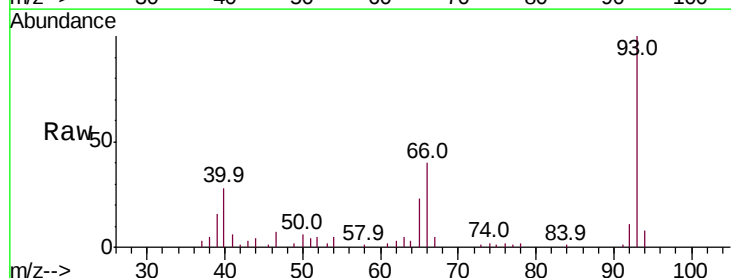
RT: 7.41 min Scan# 702

Delta R.T. -0.00 min

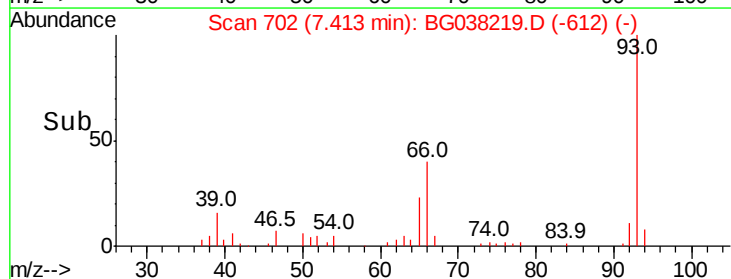
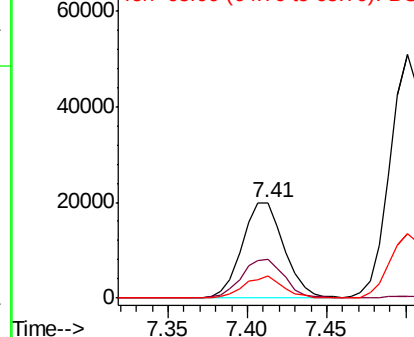
Lab File: BG038219.D

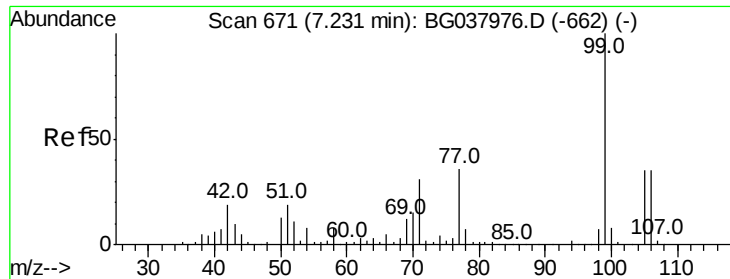
Acq: 29 Nov 2018 3:46

Tgt Ion:	93	Resp:	36719
Ion Ratio	Lower	Upper	
93	100		
66	40.0	32.8	49.2
65	22.8	16.4	24.6



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: 81.856 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG038219.D

Acq: 29 Nov 2018 3:46

Instrument :

BNA_G

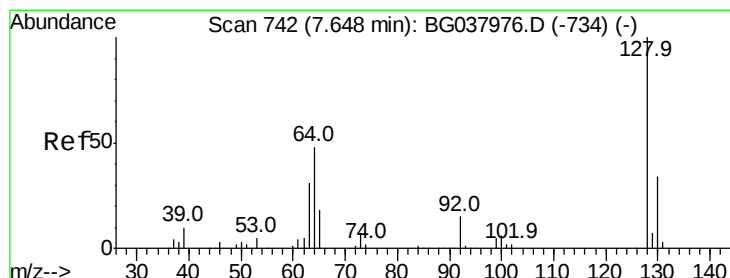
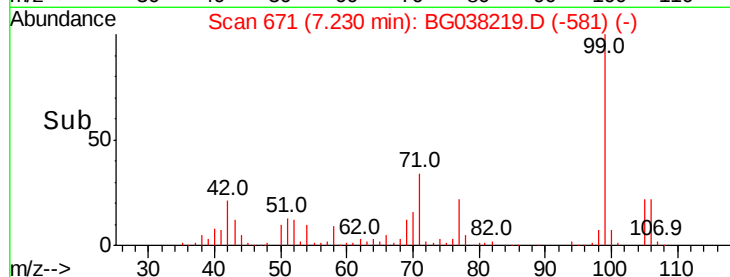
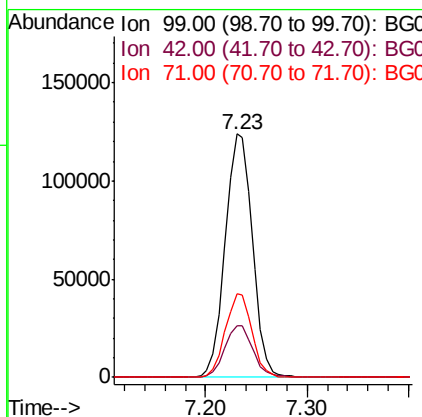
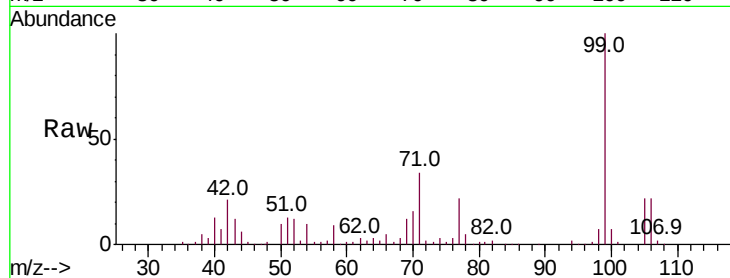
ClientSampleId :

PB115103BSD

Tot Ion:	99	Resp:	230094
Ion Ratio	Lower	Upper	
99	100		
42	21.3	15.0	22.4
71	34.2	25.5	38.3

Manual Integrations
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#8

2-Chlorophenol

Concen: 39.074 ng

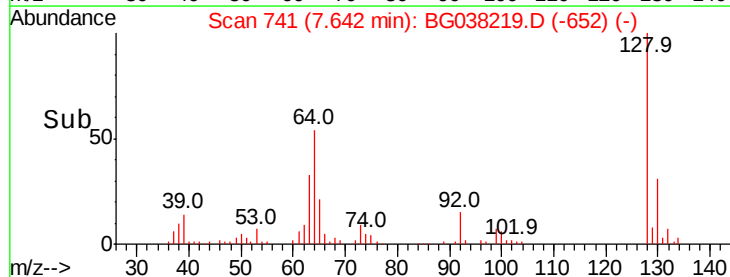
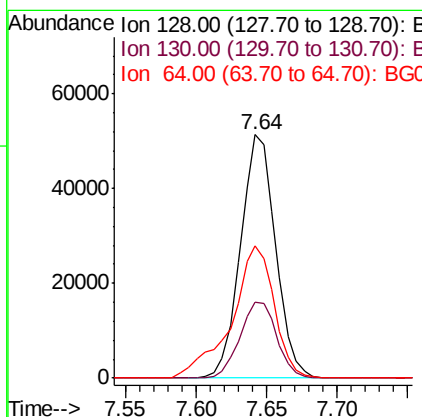
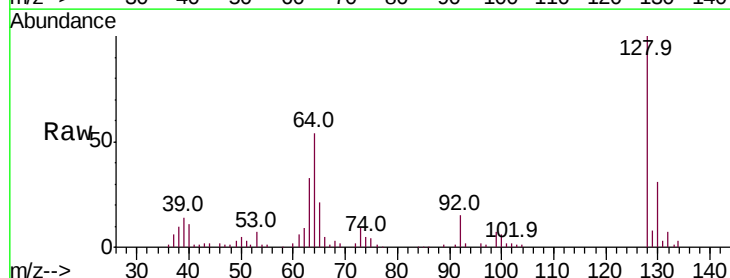
RT: 7.64 min Scan# 741

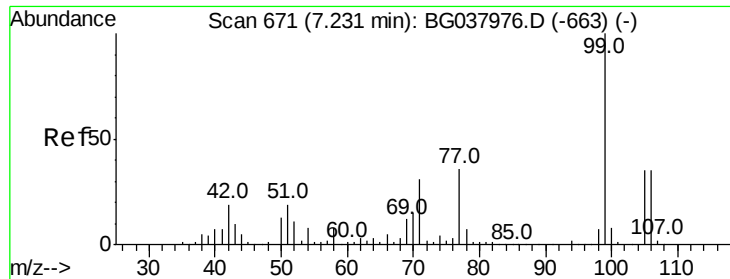
Delta R.T. -0.01 min

Lab File: BG038219.D

Acq: 29 Nov 2018 3:46

Tgt Ion:	128	Resp:	89282
Ion Ratio	Lower	Upper	
128	100		
130	31.1	12.0	52.0
64	54.1	32.9	72.9





#9

Benzaldehyde

Concen: 28.454 ng

RT: 7.22 min Scan# 670

Delta R.T. -0.01 min

Lab File: BG038219.D

Acq: 29 Nov 2018 3:46

Instrument :

BNA_G

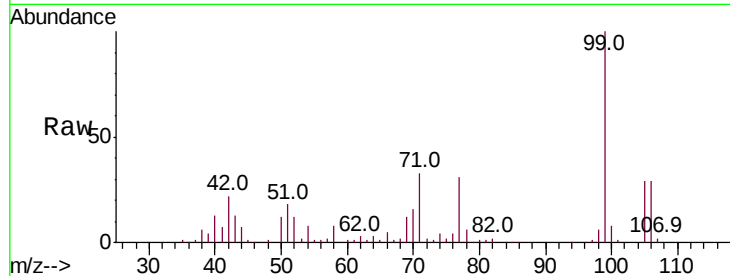
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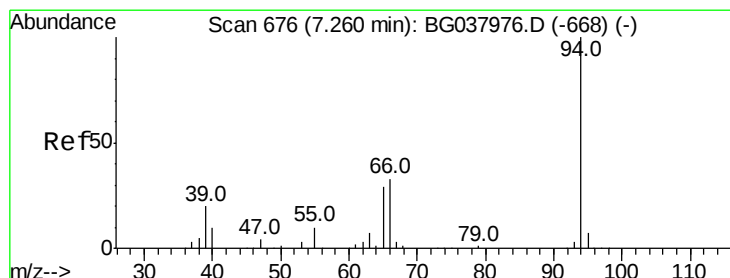
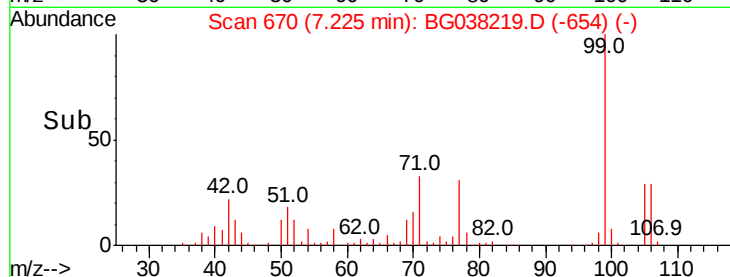
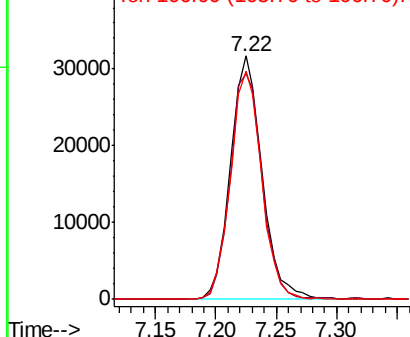
Tot Ion	Ratio	Lower	Upper
77	100		
105	92.8	72.6	112.6
106	93.9	71.3	111.3

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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 40.000 ng

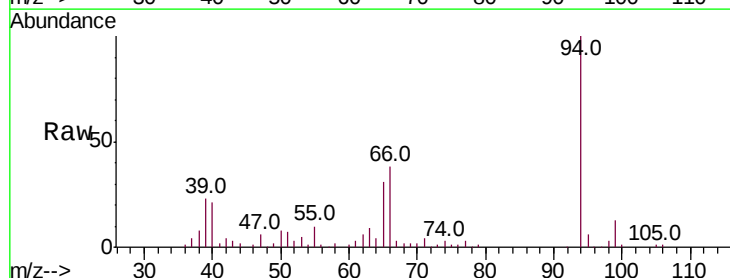
RT: 7.26 min Scan# 676

Delta R.T. -0.00 min

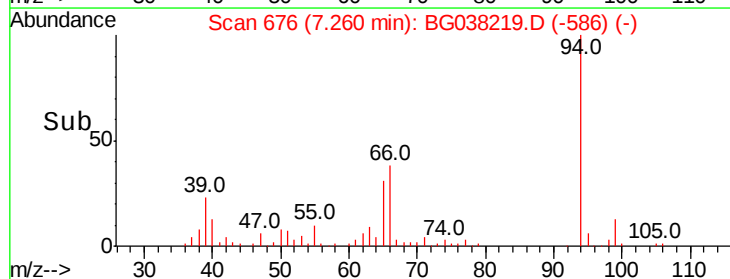
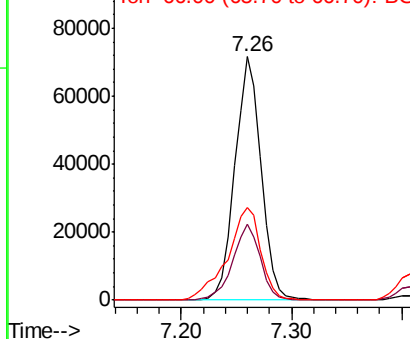
Lab File: BG038219.D

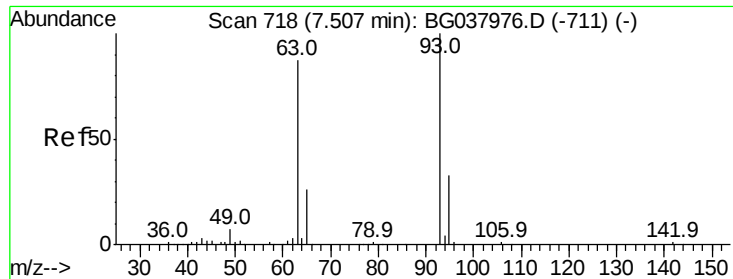
Acq: 29 Nov 2018 3:46

Tgt Ion	Ratio	Lower	Upper
94	100		
65	31.1	9.7	49.7
66	38.3	15.9	55.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 33.946 ng

RT: 7.50 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG038219.D

Acq: 29 Nov 2018 3:46

Instrument :

BNA_G

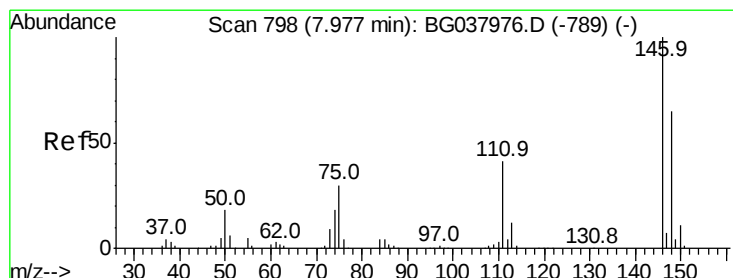
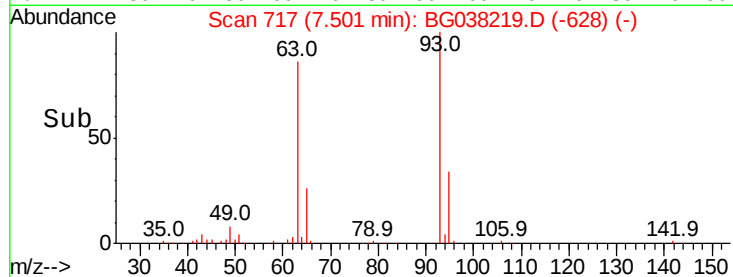
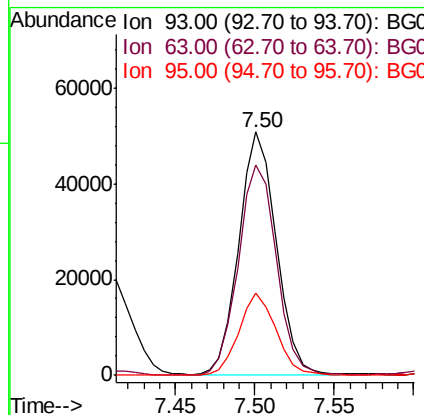
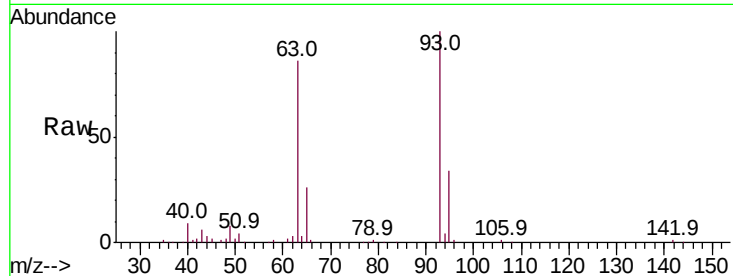
ClientSampleId :

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Tot Ion:	93	Resp:	82513
Ion Ratio	Lower	Upper	
93	100		
63	86.5	69.5	109.5
95	33.7	12.6	52.6

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#12

1,3-Dichlorobenzene

Concen: 34.011 ng

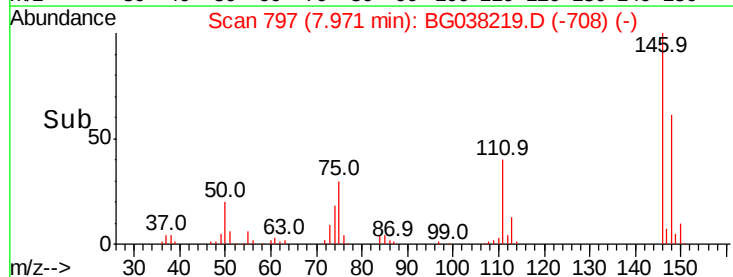
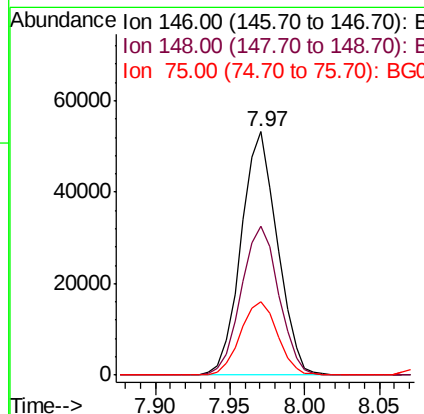
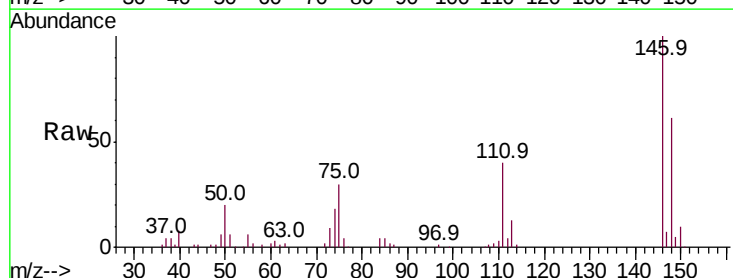
RT: 7.97 min Scan# 797

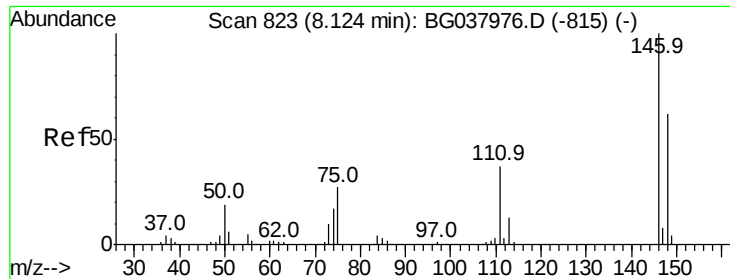
Delta R.T. -0.01 min

Lab File: BG038219.D

Acq: 29 Nov 2018 3:46

Tgt Ion:	146	Resp:	89528
Ion Ratio	Lower	Upper	
146	100		
148	61.1	49.8	74.8
75	30.4	23.2	34.8





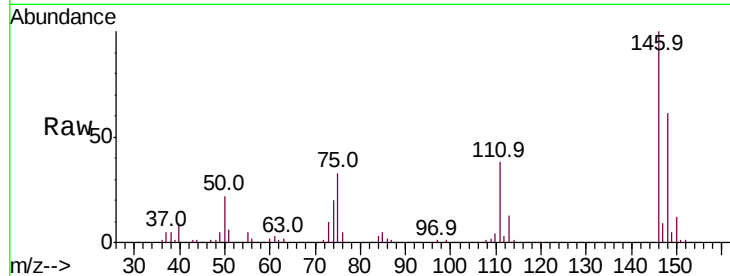
#13
 1,4-Dichlorobenzene
 Concen: 34.452 ng
 RT: 8.12 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BG038219.D
 Acq: 29 Nov 2018 3:46

Instrument :
 BNA_G
 ClientSampleId :
 PB115103BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.3	51.0	76.6
111	37.5	32.4	48.6

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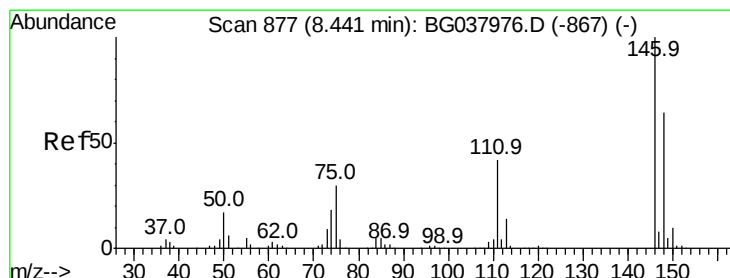
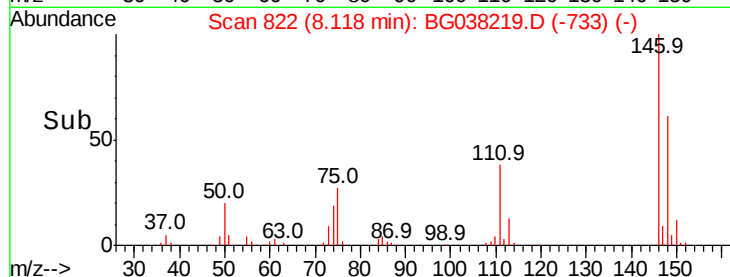
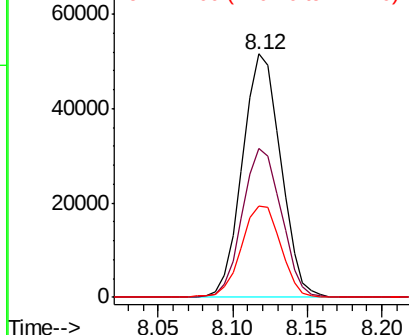


Abundance

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: 34.698 ng
 RT: 8.44 min Scan# 877
 Delta R.T. -0.00 min
 Lab File: BG038219.D
 Acq: 29 Nov 2018 3:46

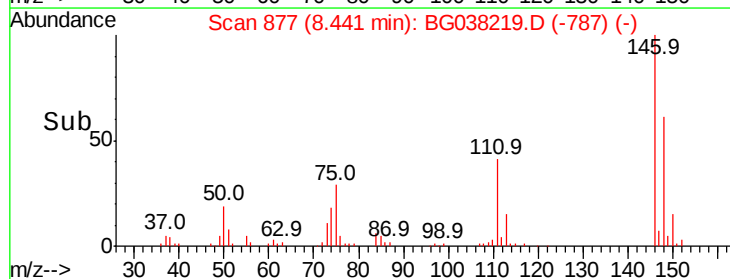
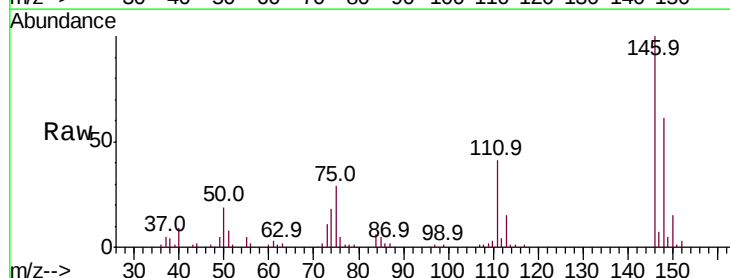
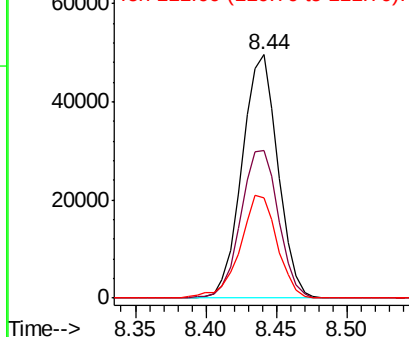
Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.7	50.4	75.6
111	41.1	34.6	51.8

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





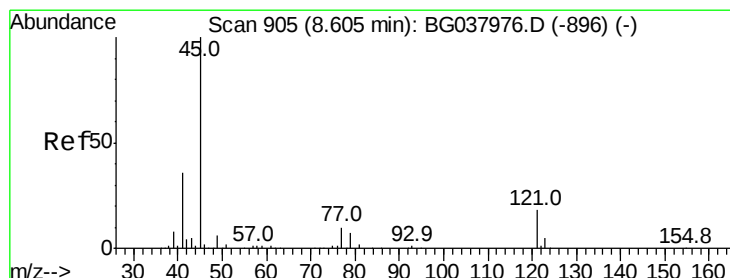
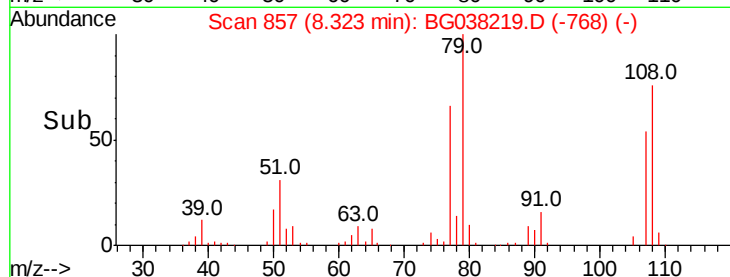
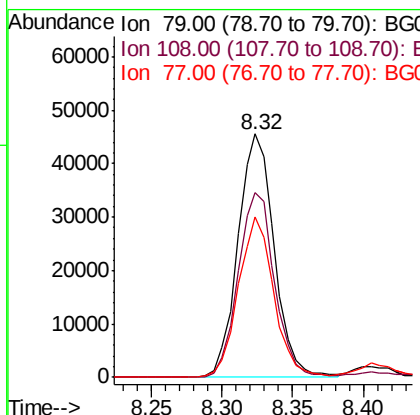
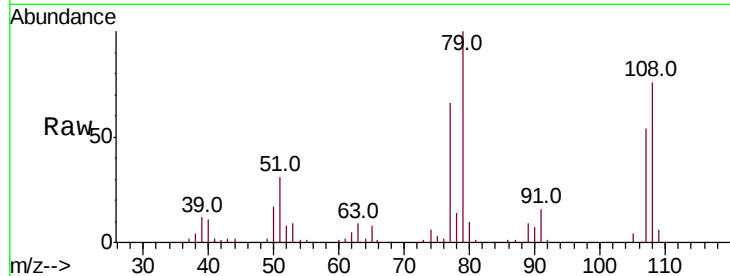
#15
Benzyl Alcohol
Concen: 40.166 ng
RT: 8.32 min Scan# 857
Delta R.T. -0.01 min
Lab File: BG038219.D
Acq: 29 Nov 2018 3:46

Instrument :
BNA_G
ClientSampleId :
PB115103BSD

Tot Ion	Ratio	Resp Lower	Upper
79	100		
108	76.1	65.8	98.8
77	65.9	52.9	79.3

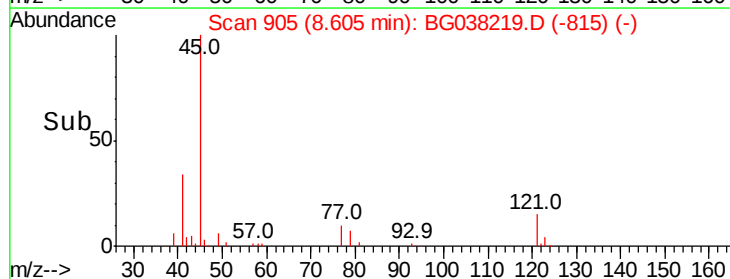
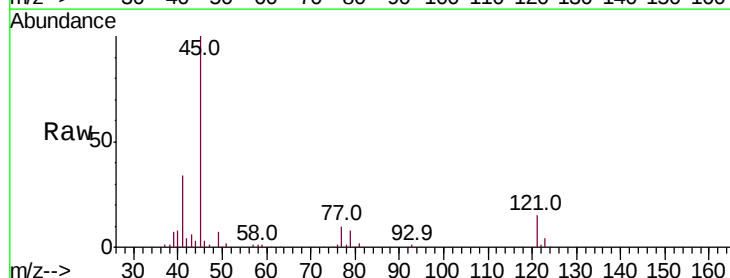
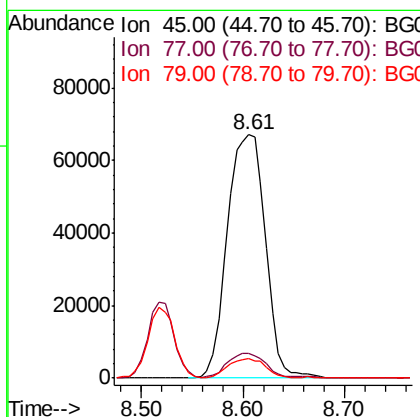
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#16
2,2'-oxybis(1-chloropropane)
Concen: 38.680 ng
RT: 8.61 min Scan# 905
Delta R.T. -0.00 min
Lab File: BG038219.D
Acq: 29 Nov 2018 3:46

Tgt Ion	Ratio	Resp Lower	Upper
45	100		
77	10.3	0.0	30.0
79	8.2	0.0	29.0





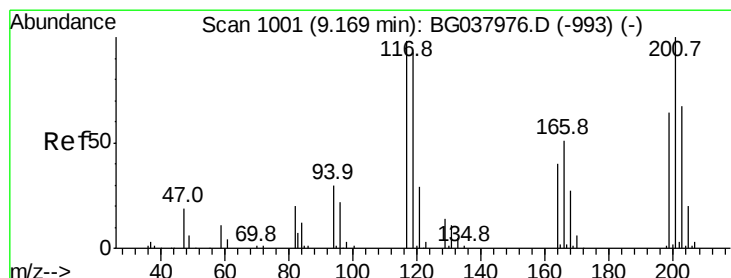
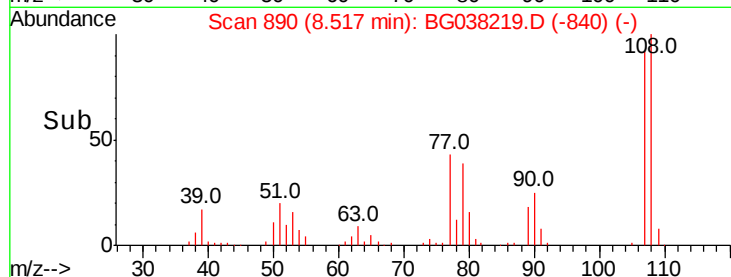
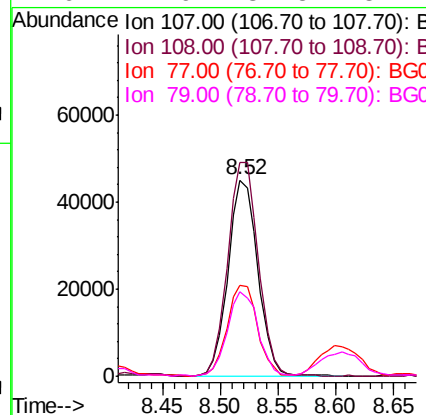
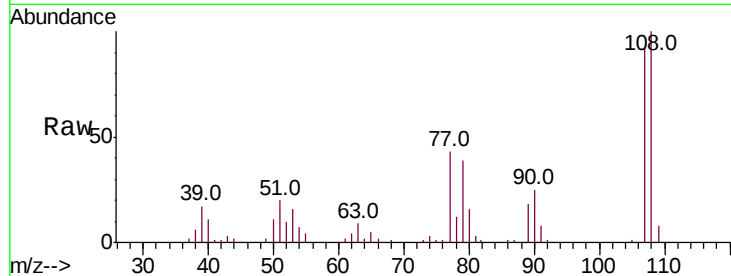
#17
2-Methylphenol
Concen: 40.095 ng
RT: 8.52 min Scan# 890
Delta R.T. -0.01 min
Lab File: BG038219.D
Acq: 29 Nov 2018 3:46

Instrument :
BNA_G
ClientSampleId :
PB115103BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	80710		
108	108.9	87.9	131.9	
77	46.4	35.1	52.7	
79	42.9	34.5	51.7	

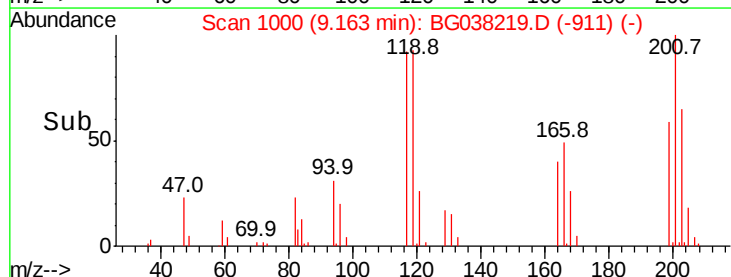
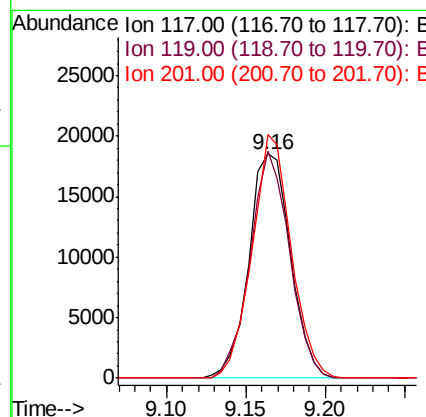
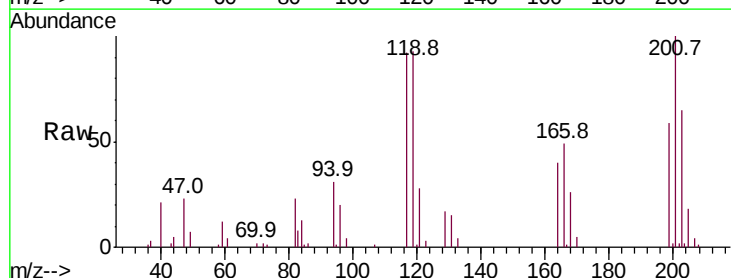
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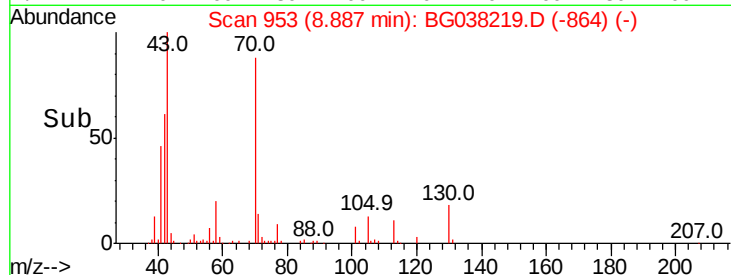
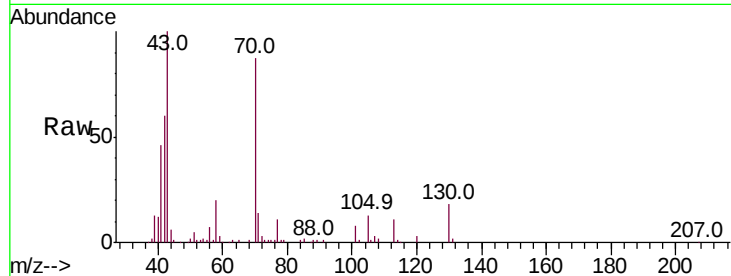
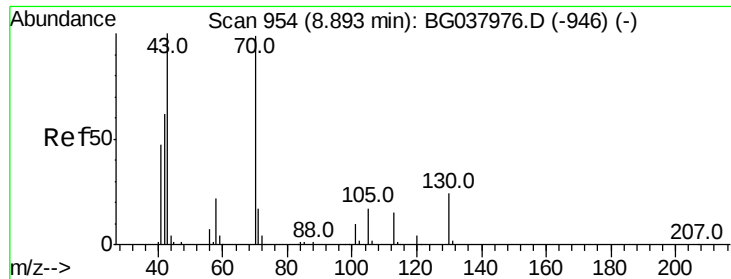
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#18
Hexachloroethane
Concen: 34.911 ng
RT: 9.16 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BG038219.D
Acq: 29 Nov 2018 3:46

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	33785		
119	102.5	74.6	111.8	
201	111.2	80.8	121.2	





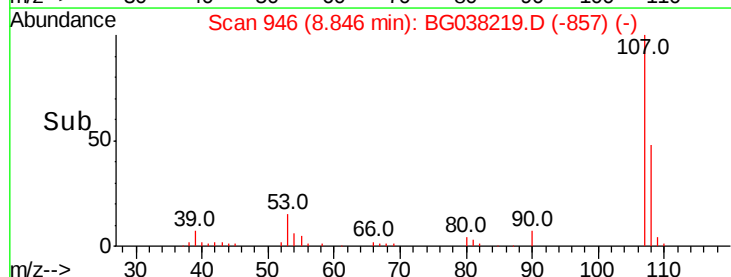
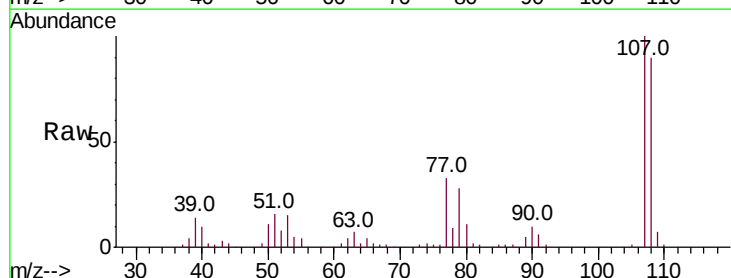
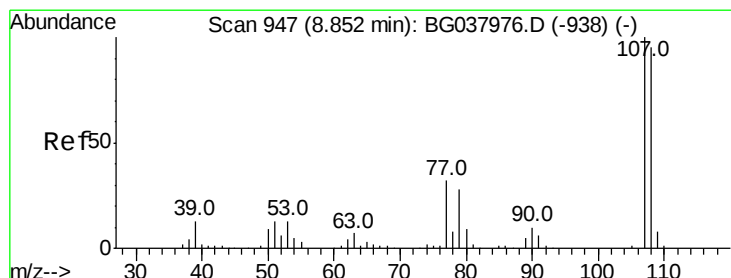
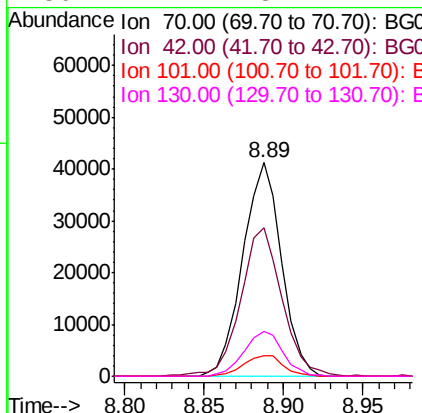
#19
n-Nitroso-di-n-propylamine
Concen: 34.321 ng
RT: 8.89 min Scan# 953
Delta R.T. -0.01 min
Lab File: BG038219.D
Acq: 29 Nov 2018 3:46

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		69807		
42	69.6	53.9	80.9		
101	9.3	8.2	12.2		
130	21.1	18.2	27.4		

Instrument :
BNA_G
ClientSampleId :
PB115103BSD

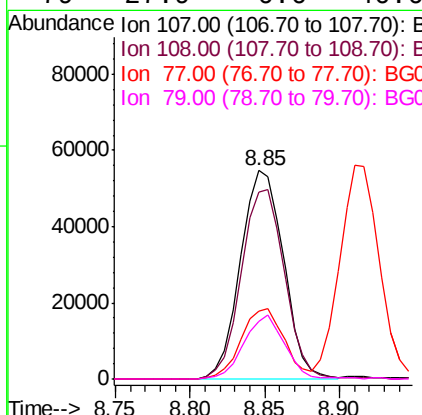
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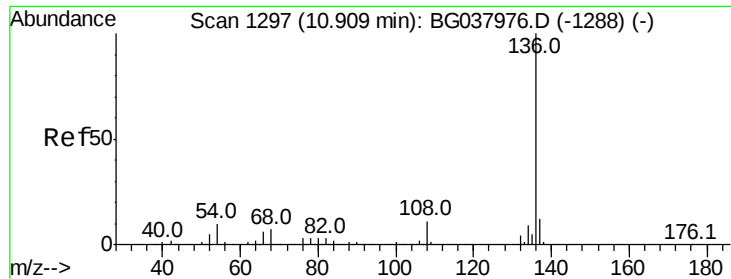
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#20
3+4-Methylphenols
Concen: 38.360 ng
RT: 8.85 min Scan# 946
Delta R.T. -0.01 min
Lab File: BG038219.D
Acq: 29 Nov 2018 3:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		109464		
108	89.9	69.9	109.9		
77	32.9	11.2	51.2		
79	27.9	6.6	46.6		





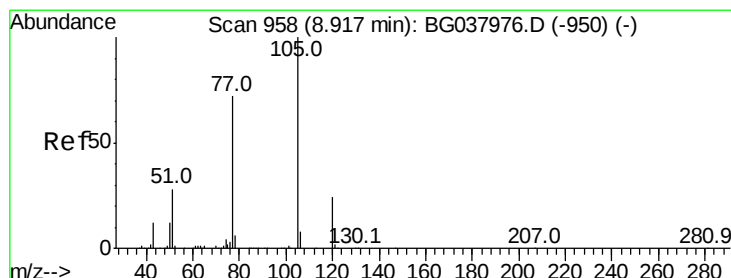
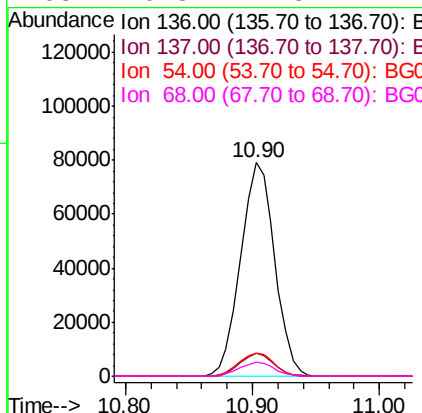
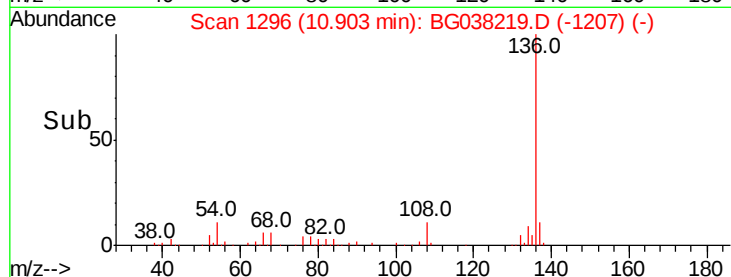
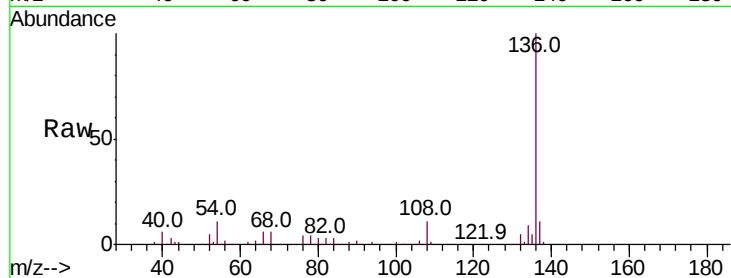
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BG038219.D
Acq: 29 Nov 2018 3:46

Instrument :
BNA_G
ClientSampleId :
PB115103BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	9.6	14.4	
54	11.0	7.9	11.9	
68	6.3	4.8	7.2	

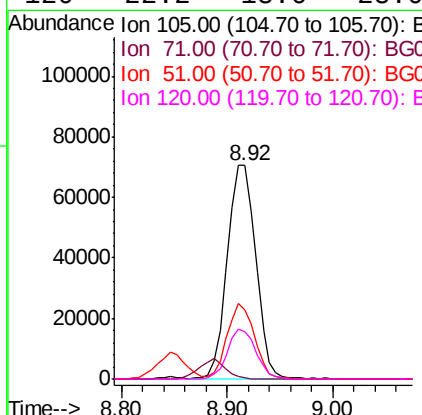
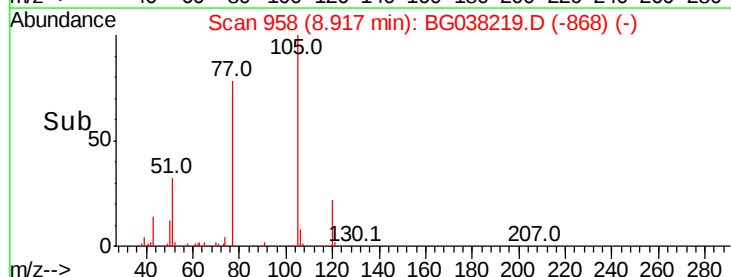
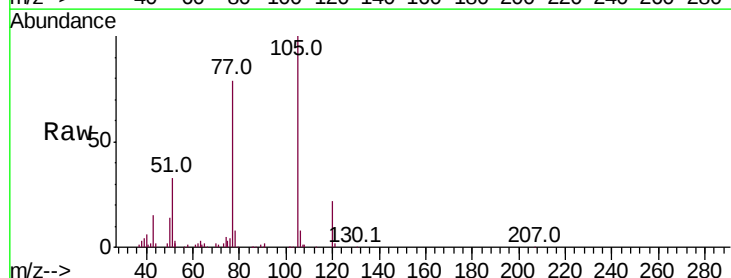
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#22
Acetophenone
Concen: 36.001 ng
RT: 8.92 min Scan# 958
Delta R.T. -0.00 min
Lab File: BG038219.D
Acq: 29 Nov 2018 3:46

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.5	1.2	1.8#	
51	32.6	25.0	37.6	
120	22.2	18.6	28.0	





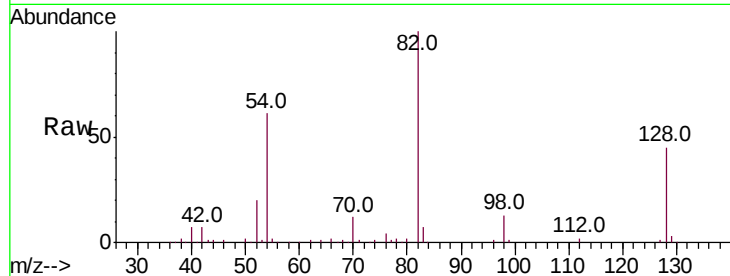
#23
Nitrobenzene-d5
Concen: 76.350 ng
RT: 9.26 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BG038219.D
Acq: 29 Nov 2018 3:46

Instrument :
BNA_G
ClientSampleId :
PB115103BSD

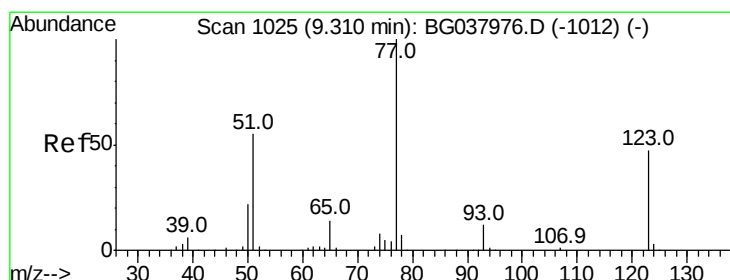
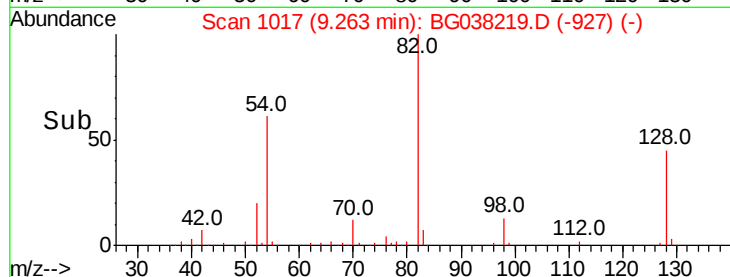
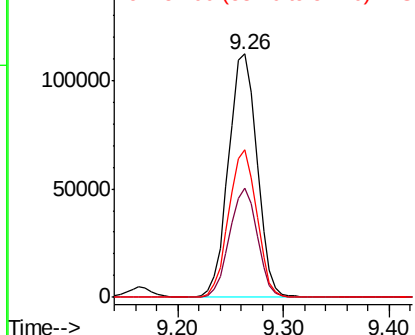
Tot Ion	Ratio	Lower	Upper
82	100		
128	44.8	34.6	51.8
54	60.6	45.3	67.9

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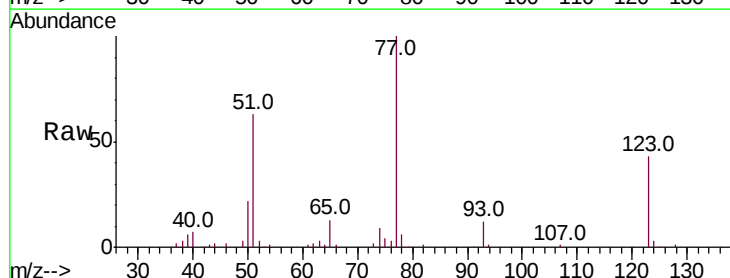


Abundance Ion 82.00 (81.70 to 82.70): BGC
150000 Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

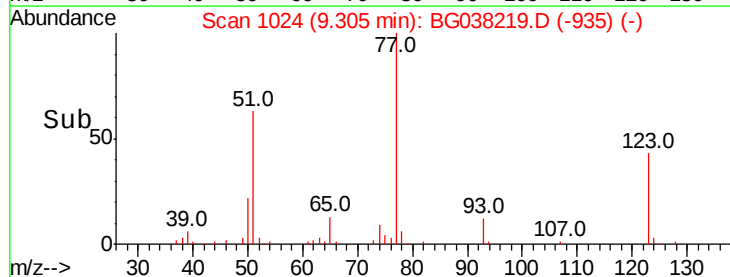
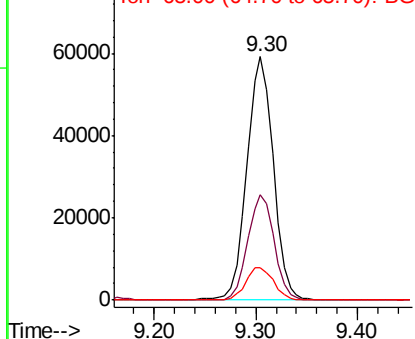


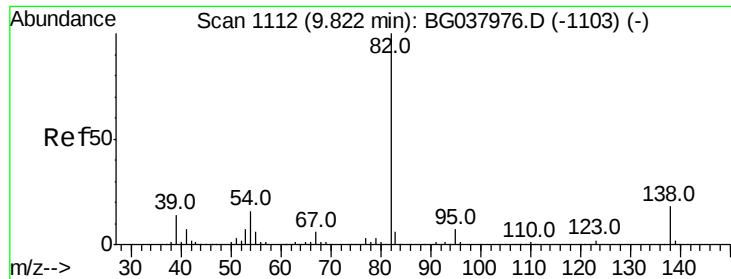
#24
Nitrobenzene
Concen: 38.075 ng
RT: 9.30 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BG038219.D
Acq: 29 Nov 2018 3:46

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.2	33.6	50.4
65	13.2	11.3	16.9



Abundance Ion 77.00 (76.70 to 77.70): BGC
80000 Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 39.209 ng

RT: 9.82 min Scan# 1111

Delta R.T. -0.01 min

Lab File: BG038219.D

Acq: 29 Nov 2018 3:46

Instrument :

BNA_G

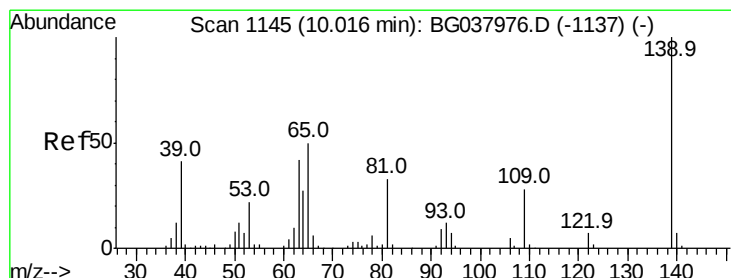
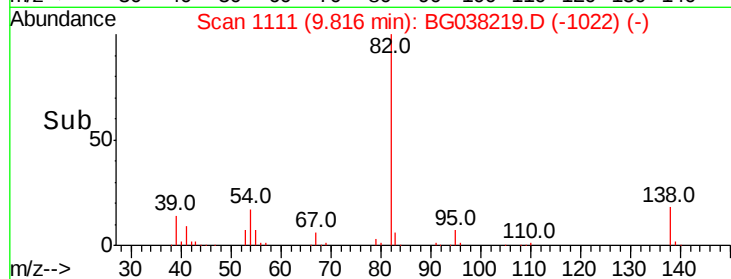
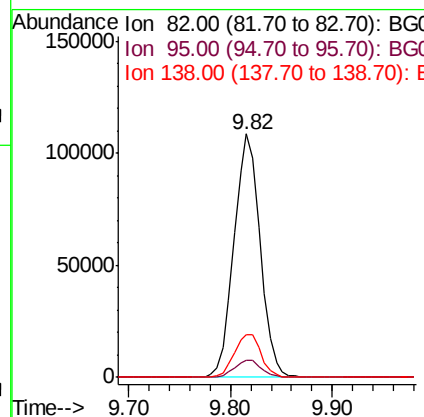
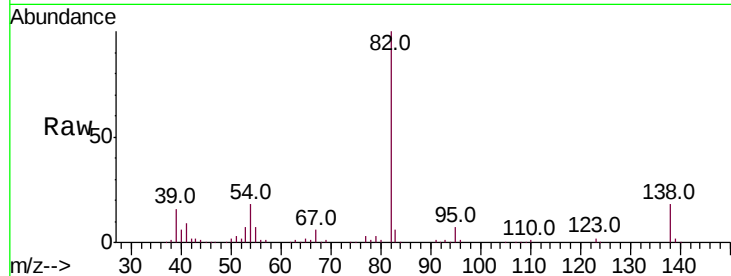
ClientSampleId :

PB115103BSD

Tot Ion:	82	Resp:	193816
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.3	7.9
138	17.5	13.3	19.9

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#26

2-Nitrophenol

Concen: 36.775 ng

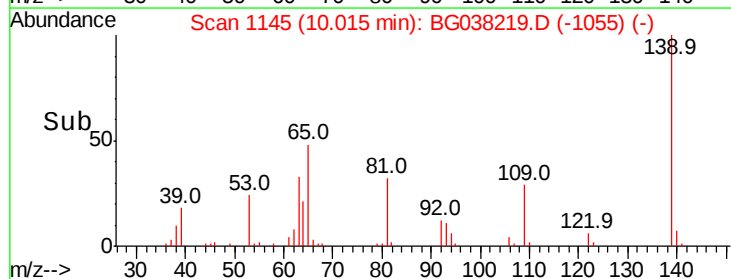
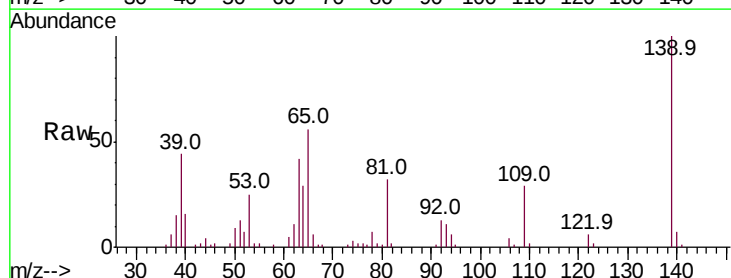
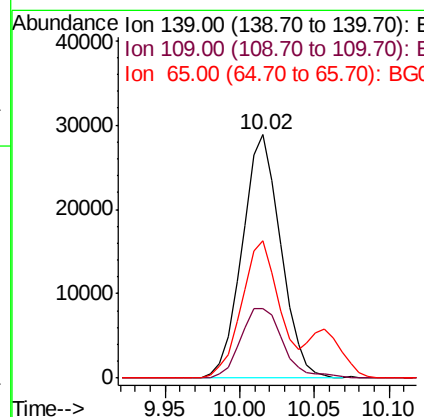
RT: 10.02 min Scan# 1145

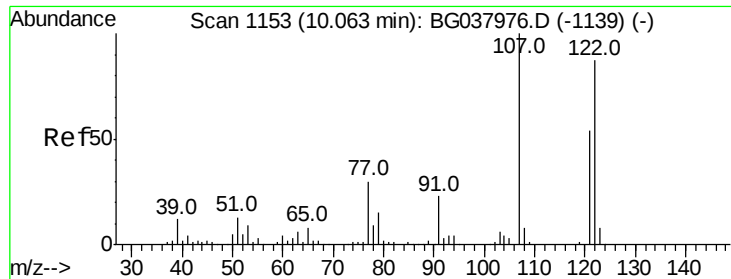
Delta R.T. -0.00 min

Lab File: BG038219.D

Acq: 29 Nov 2018 3:46

Tgt Ion:	139	Resp:	51579
Ion Ratio	Lower	Upper	
139	100		
109	28.5	23.3	34.9
65	56.4	39.8	59.8





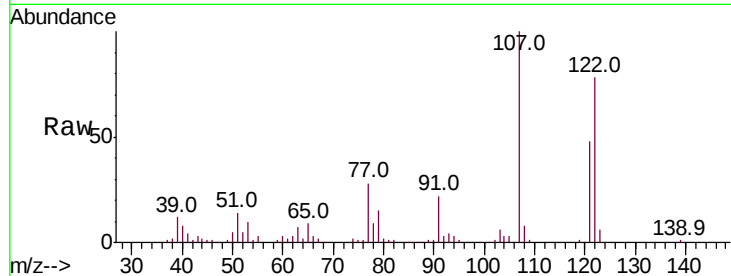
#27
2,4-Dimethylphenol
Concen: 43.286 ng
RT: 10.06 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BG038219.D
Acq: 29 Nov 2018 3:46

Instrument :
BNA_G
ClientSampleId :
PB115103BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
107	128.8	94.2	141.2		
121	61.3	47.3	70.9		

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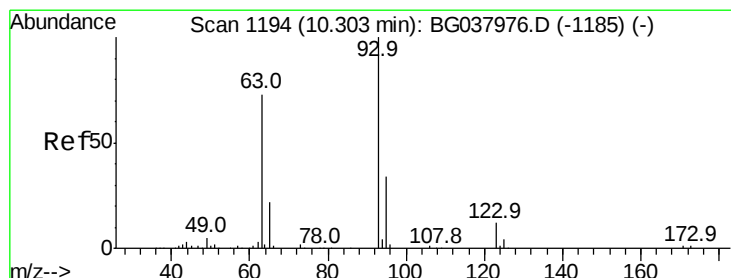
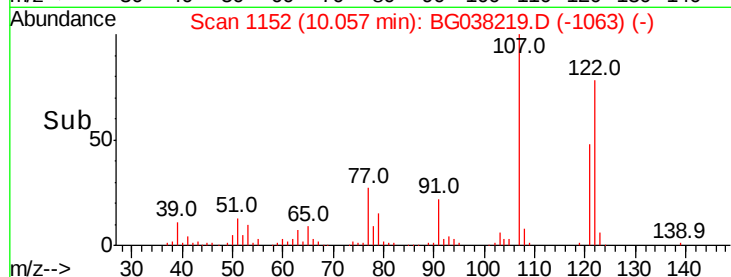
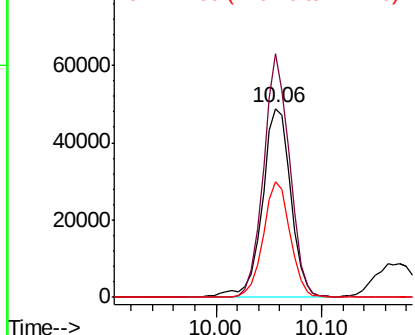


Abundance

Ion 122.00 (121.70 to 122.70): E

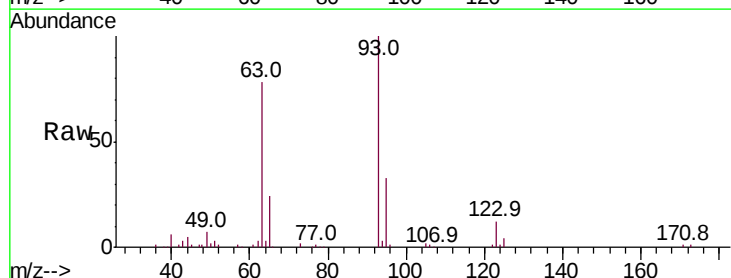
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 36.778 ng
RT: 10.30 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BG038219.D
Acq: 29 Nov 2018 3:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
95	33.2	24.6	37.0		
123	11.9	9.1	13.7		

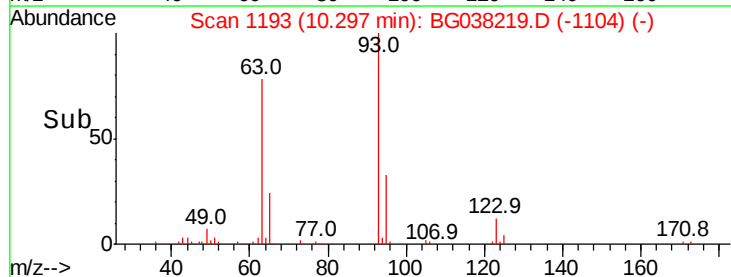
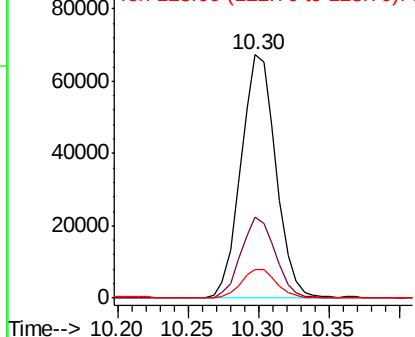


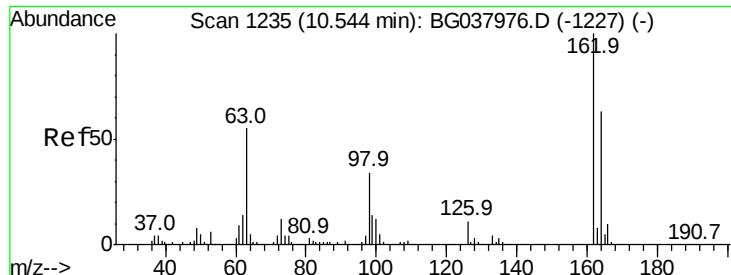
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





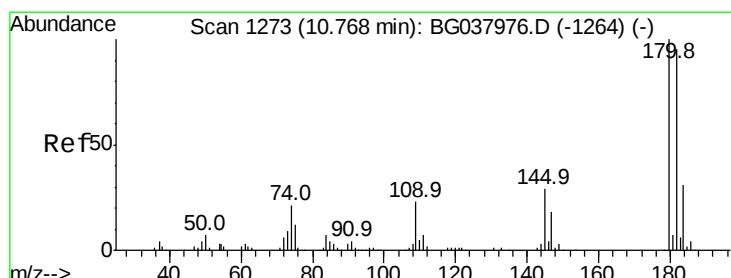
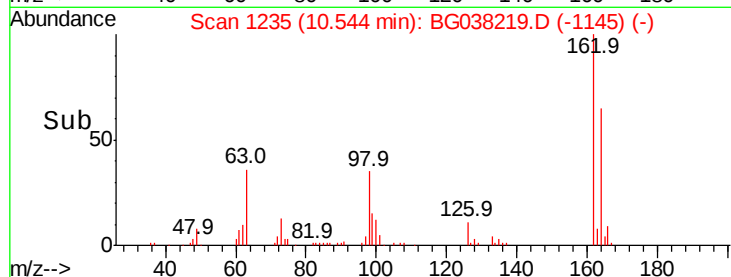
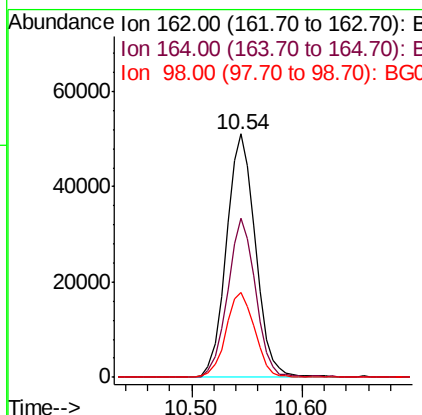
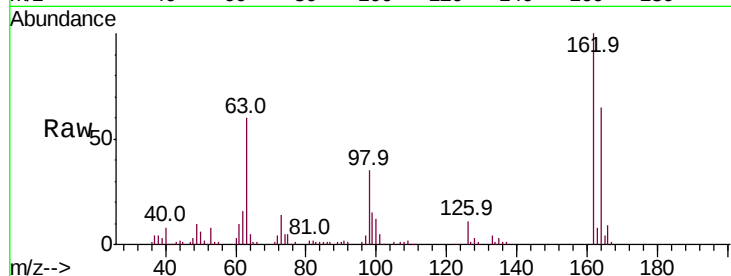
#29
2,4-Dichlorophenol
Concen: 39.521 ng
RT: 10.54 min Scan# 1235
Delta R.T. -0.00 min
Lab File: BG038219.D
Acq: 29 Nov 2018 3:46

Instrument :
BNA_G
ClientSampleId :
PB115103BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	65.2	43.2	83.2	
98	34.8	16.0	56.0	

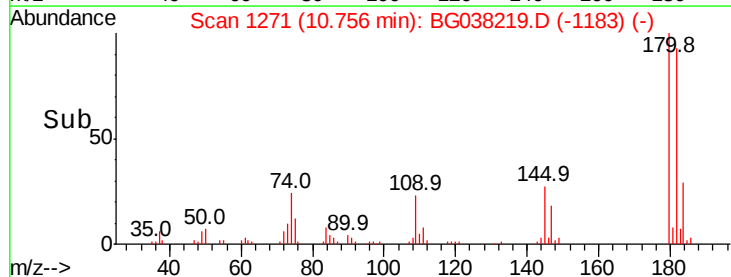
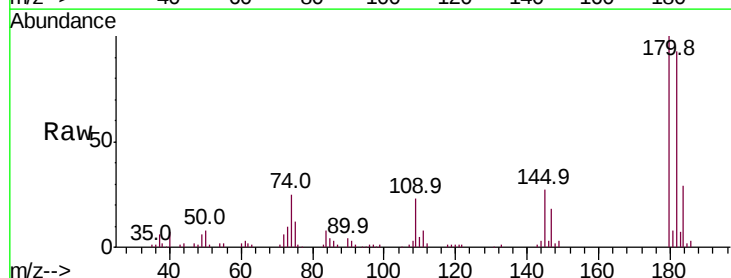
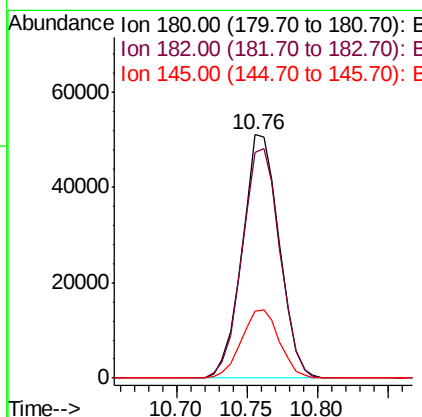
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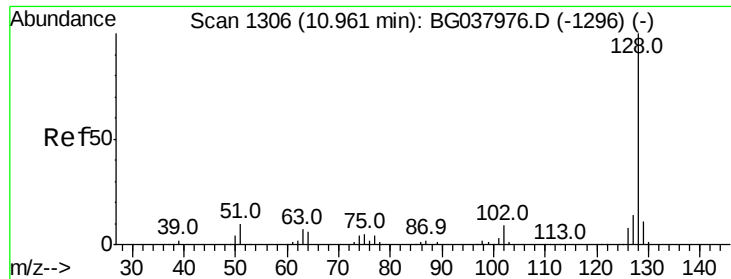
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#30
1,2,4-Trichlorobenzene
Concen: 35.205 ng
RT: 10.76 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BG038219.D
Acq: 29 Nov 2018 3:46

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	92.5	77.7	116.5	
145	27.2	23.3	34.9	





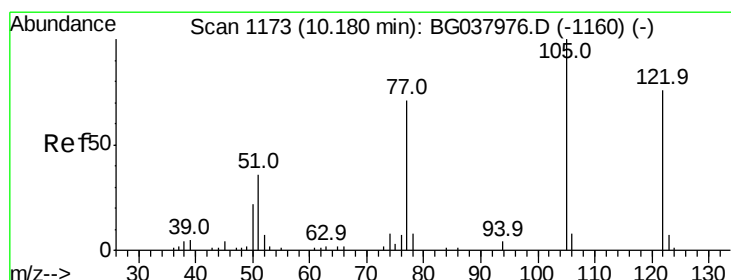
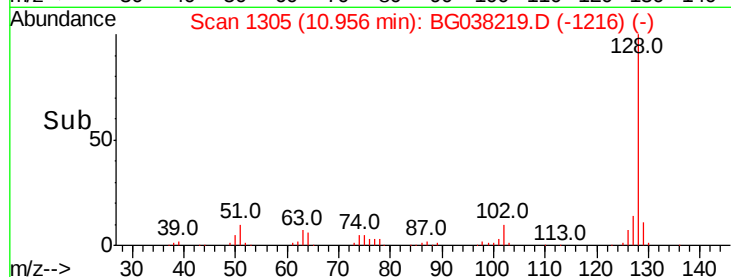
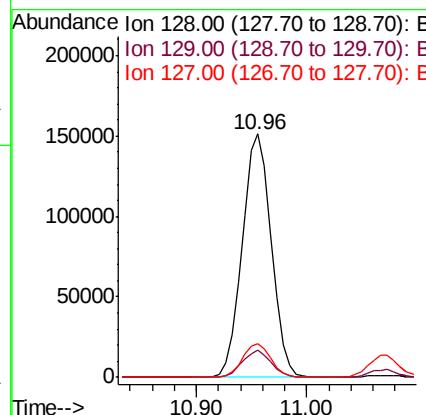
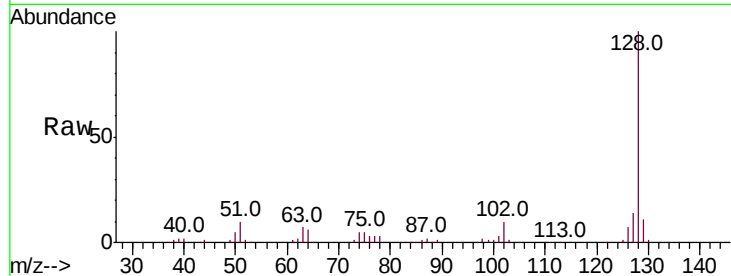
#31
Naphthalene
Concen: 38.577 ng
RT: 10.96 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG038219.D
Acq: 29 Nov 2018 3:46

Instrument :
BNA_G
ClientSampleId :
PB115103BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.6
127	14.0	11.1	16.7

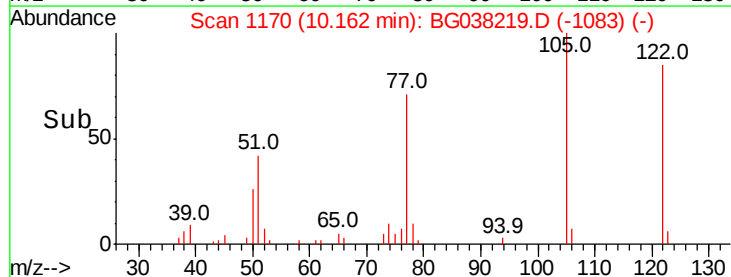
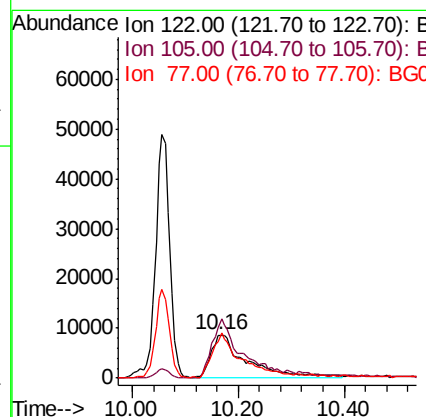
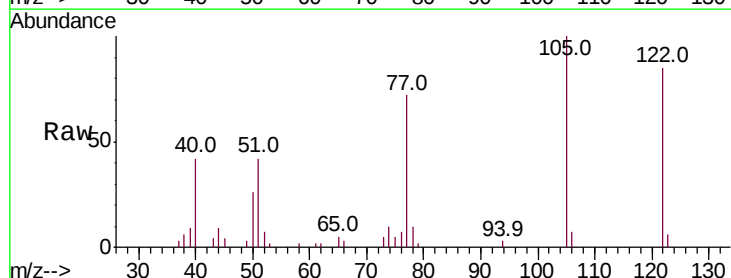
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#32
Benzoic acid
Concen: 34.979 ng m
RT: 10.16 min Scan# 1170
Delta R.T. -0.02 min
Lab File: BG038219.D
Acq: 29 Nov 2018 3:46

Tgt Ion	Ratio	Lower	Upper
122	100		
105	117.1	106.7	146.7
77	84.7	72.2	112.2





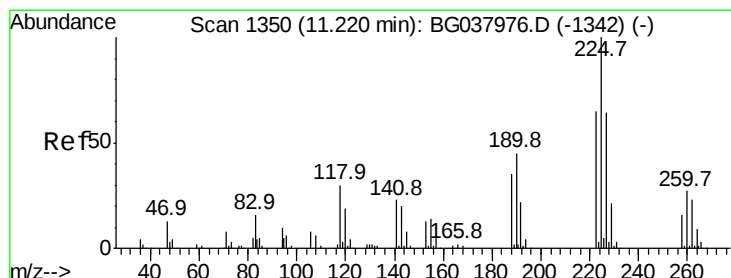
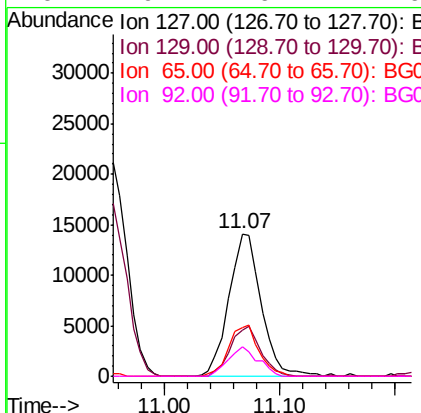
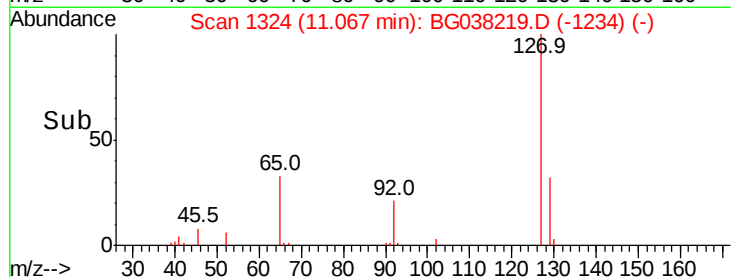
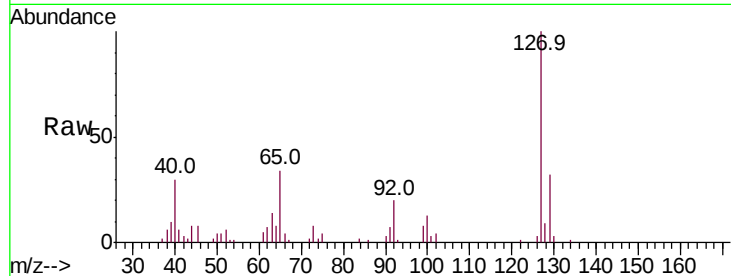
#33
4-Chloroaniline
Concen: 8.162 ng
RT: 11.07 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BG038219.D
Acq: 29 Nov 2018 3:46

Instrument :
BNA_G
ClientSampleId :
PB115103BSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.4	27.1	40.7	
65	33.8	26.6	39.8	
92	20.4	16.4	24.6	

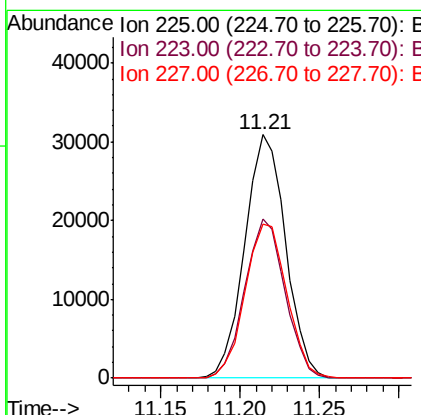
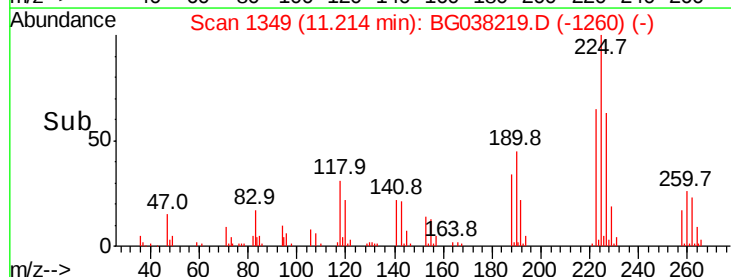
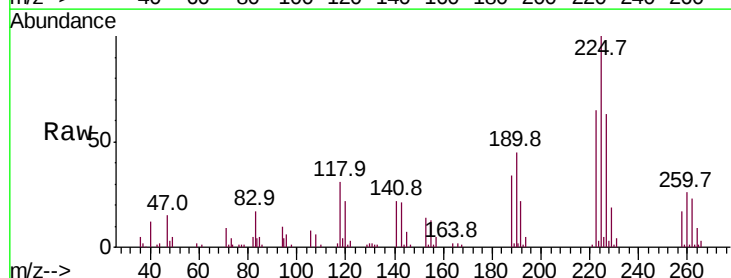
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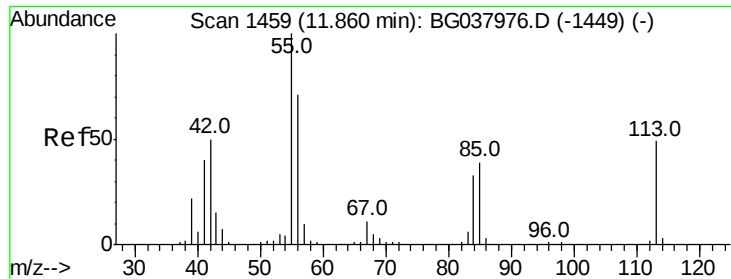
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#34
Hexachlorobutadiene
Concen: 33.821 ng
RT: 11.21 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BG038219.D
Acq: 29 Nov 2018 3:46

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	65.3	48.2	72.4	
227	60.5	51.6	77.4	





#35

Caprolactam

Concen: 34.278 ng

RT: 11.85 min Scan# 1457

Delta R.T. -0.01 min

Lab File: BG038219.D

Acq: 29 Nov 2018 3:46

Instrument :

BNA_G

ClientSampleId :

PB115103BSD

Tot Ion:113 Resp: 32612

Ion Ratio Lower Upper

113 100

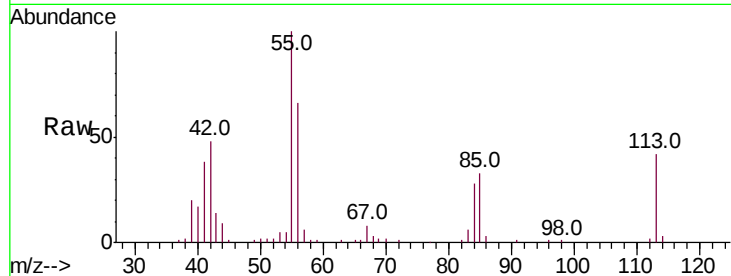
55 237.9 176.6 216.6#

56 156.4 128.3 168.3

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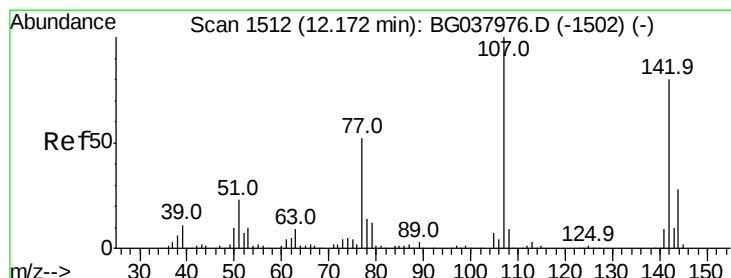
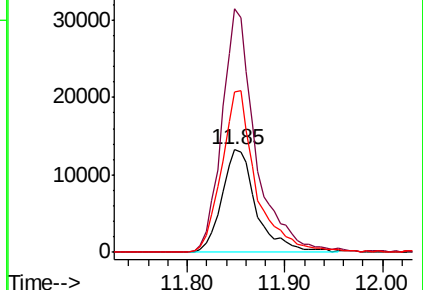
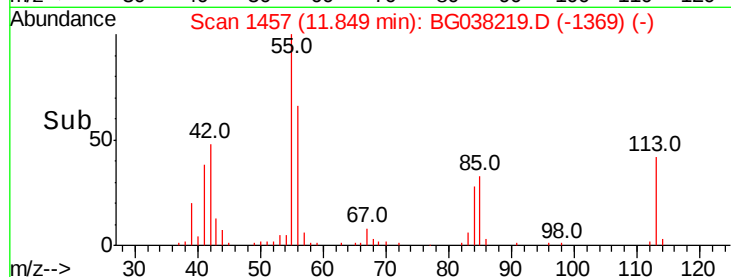
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 39.613 ng

RT: 12.17 min Scan# 1512

Delta R.T. -0.00 min

Lab File: BG038219.D

Acq: 29 Nov 2018 3:46

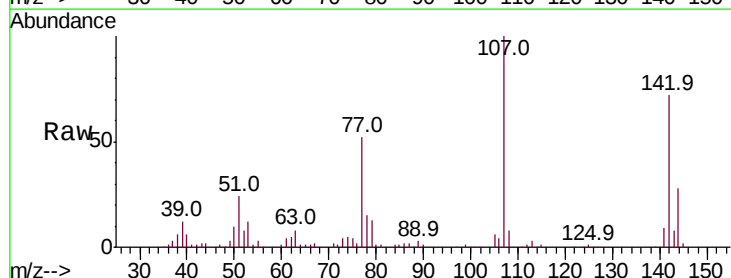
Tgt Ion:107 Resp: 102867

Ion Ratio Lower Upper

107 100

144 27.8 20.7 31.1

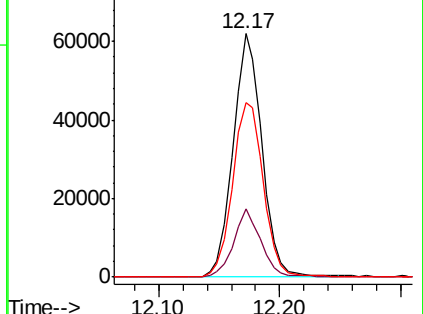
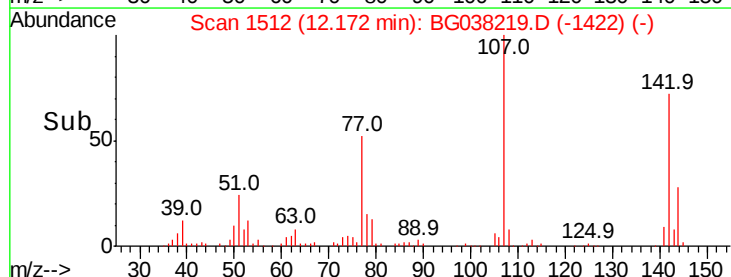
142 71.6 64.4 96.6



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





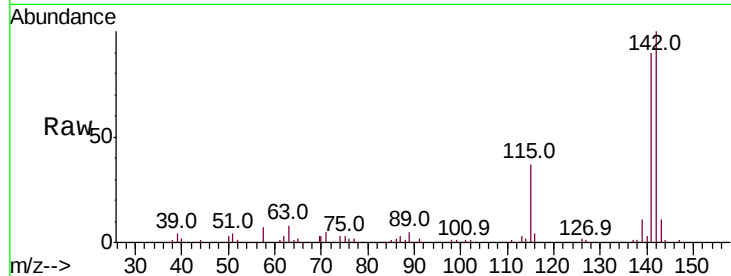
#37
2-Methylnaphthalene
Concen: 39.614 ng
RT: 12.55 min Scan# 1577
Delta R.T. -0.00 min
Lab File: BG038219.D
Acq: 29 Nov 2018 3:46

Instrument :
BNA_G
ClientSampleId :
PB115103BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.4	71.9	107.9
115	36.6	27.8	41.8

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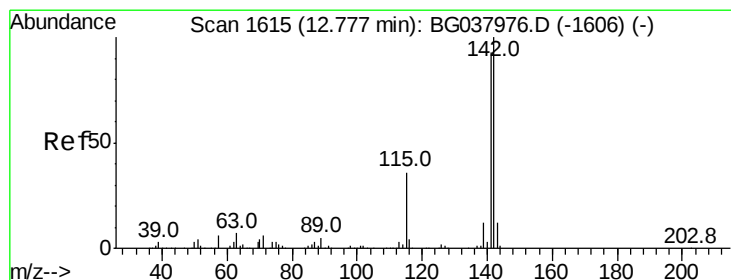
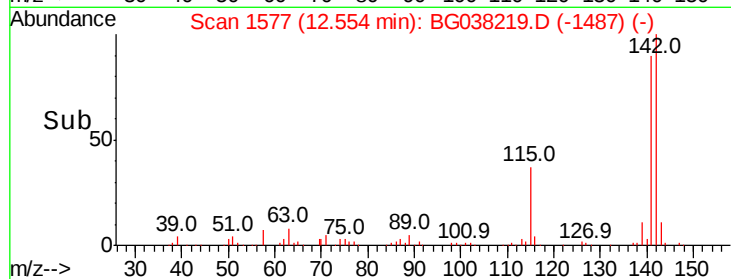
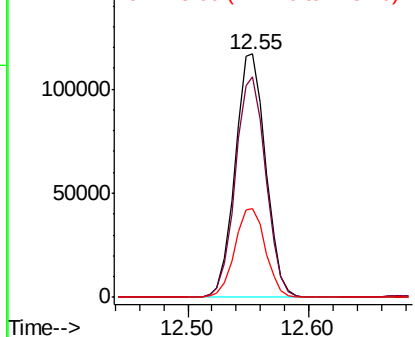


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 39.231 ng
RT: 12.77 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BG038219.D
Acq: 29 Nov 2018 3:46

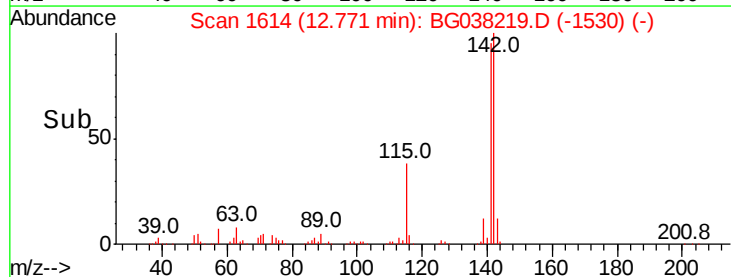
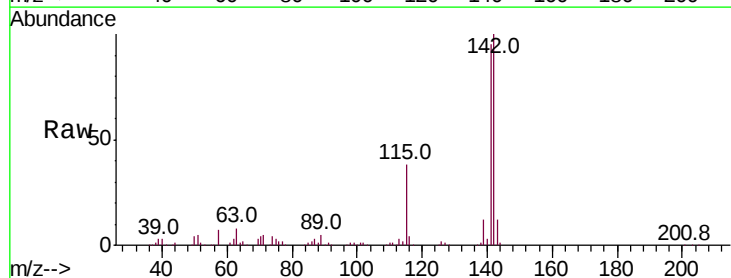
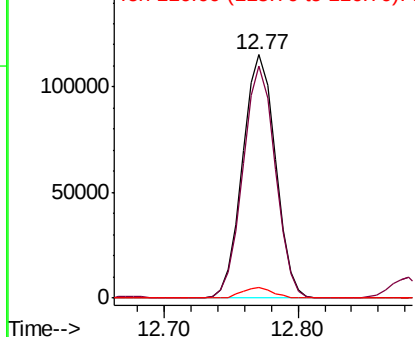
Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.5	75.2	112.8
116	4.1	3.3	4.9

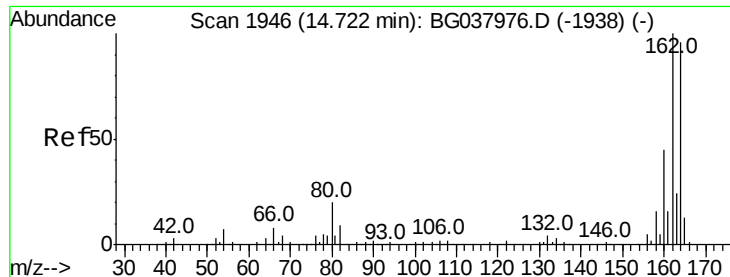
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





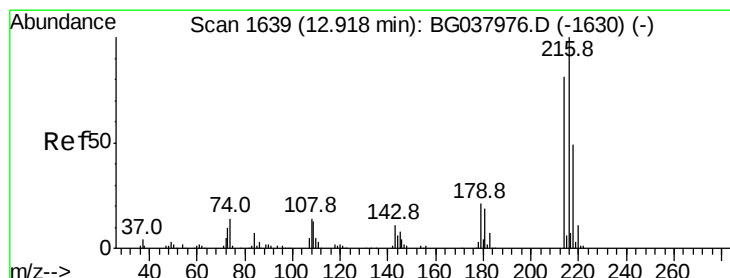
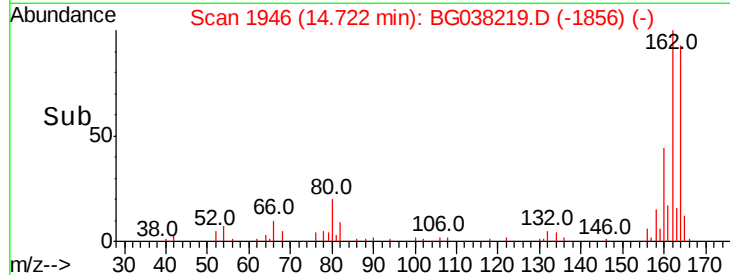
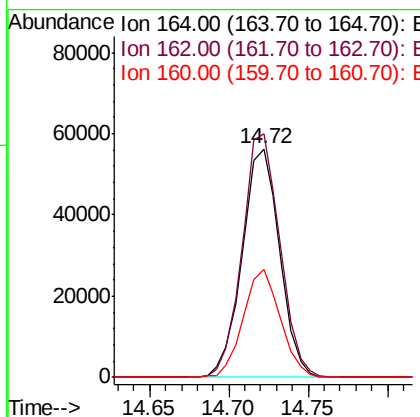
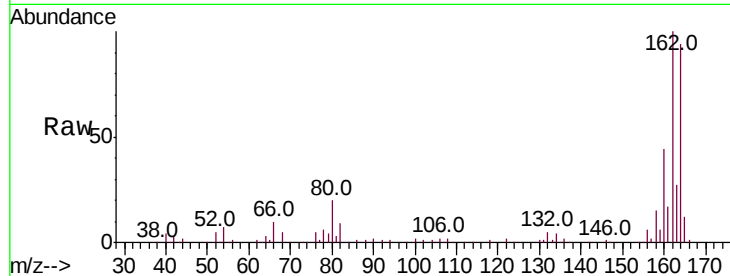
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.00 min
Lab File: BG038219.D
Acq: 29 Nov 2018 3:46

Instrument :
BNA_G
ClientSampleId :
PB115103BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	106.4	81.3	121.9
160	47.1	36.3	54.5

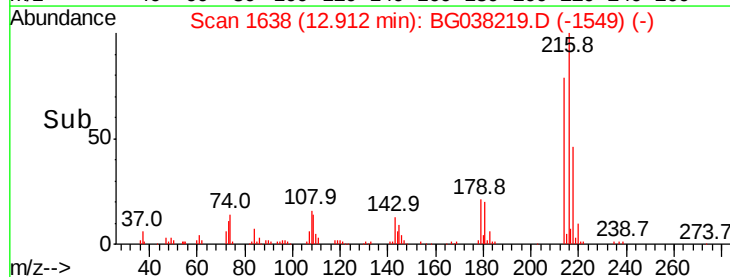
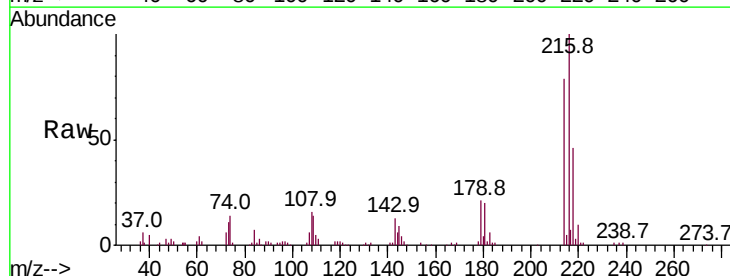
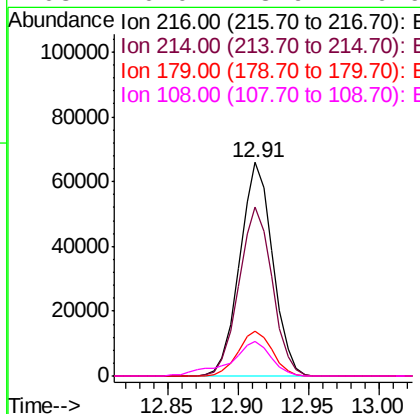
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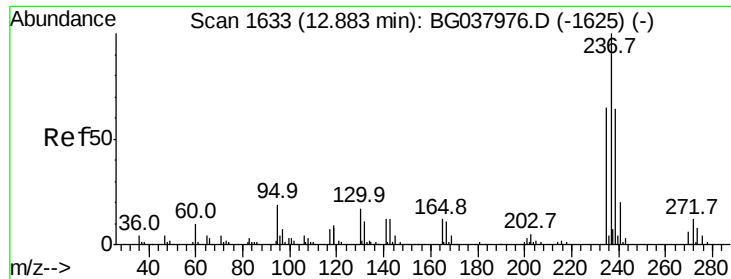
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 34.749 ng
RT: 12.91 min Scan# 1638
Delta R.T. -0.01 min
Lab File: BG038219.D
Acq: 29 Nov 2018 3:46

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.8	95.6
179	21.7	17.4	26.0
108	20.0	13.9	20.9





#41

Hexachlorocyclopentadiene

Concen: 76.022 ng

RT: 12.88 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BG038219.D

Acq: 29 Nov 2018 3:46

Instrument :

BNA_G

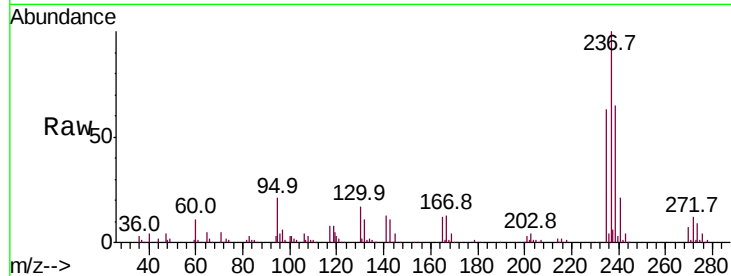
ClientSampleId :

PB115103BSD

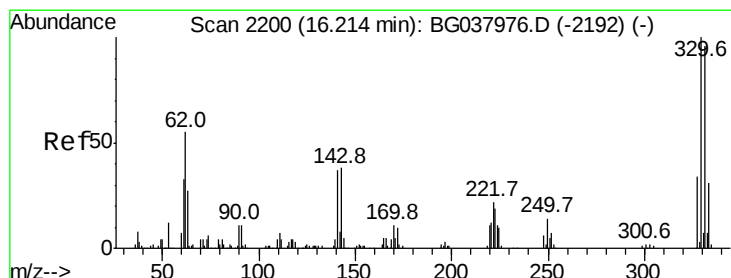
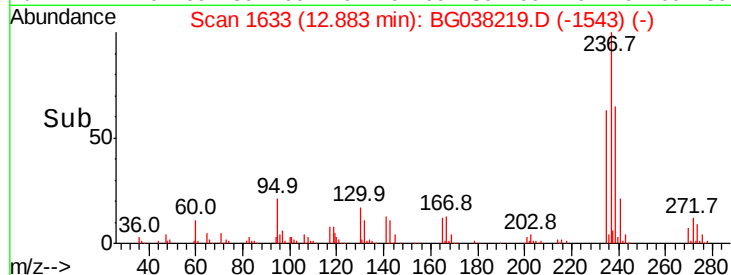
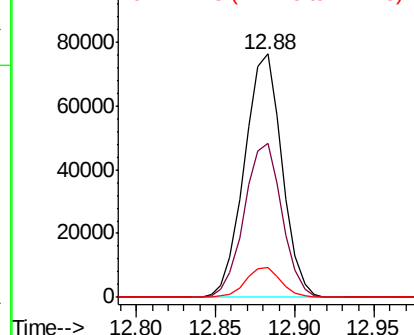
Tot Ion:	237	Resp:	125495
Ion Ratio	Lower	Upper	
237	100		
235	63.2	42.5	82.5
272	12.3	0.0	31.6

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



#42

2,4,6-Tribromophenol

Concen: 77.670 ng

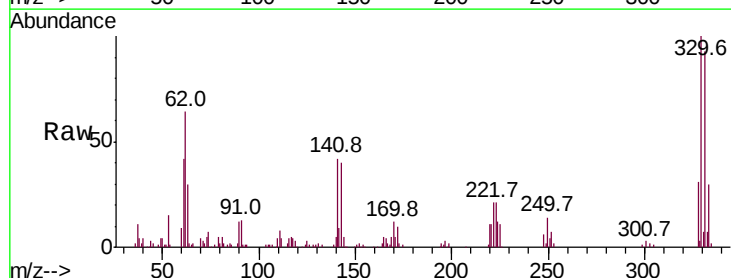
RT: 16.21 min Scan# 2199

Delta R.T. -0.01 min

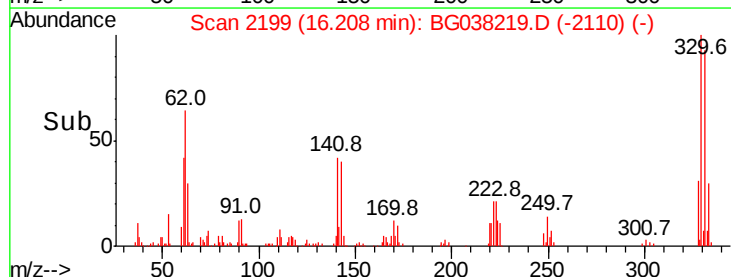
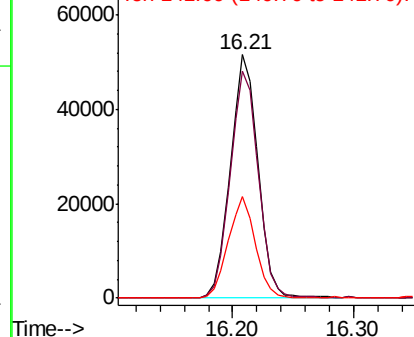
Lab File: BG038219.D

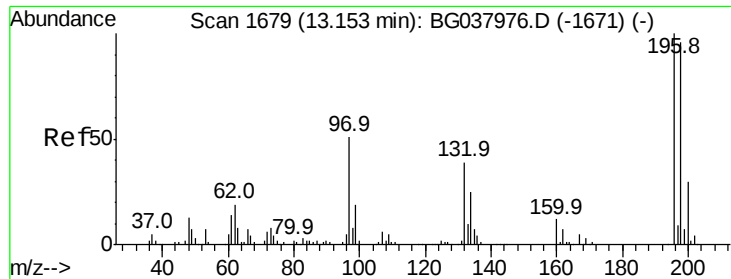
Acq: 29 Nov 2018 3:46

Tgt Ion:	330	Resp:	81722
Ion Ratio	Lower	Upper	
330	100		
332	95.1	78.4	117.6
141	40.8	32.2	48.2



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





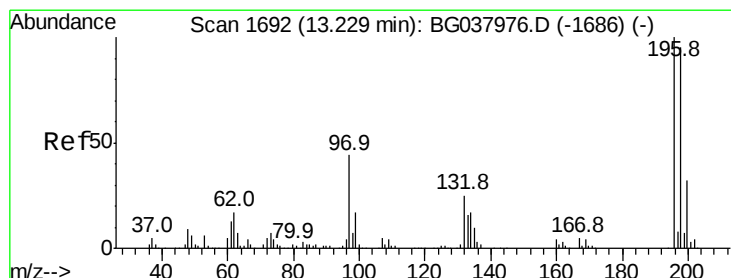
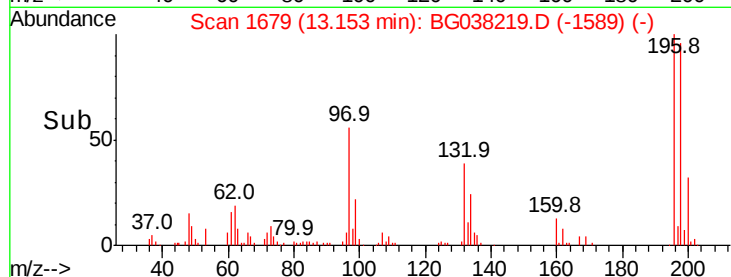
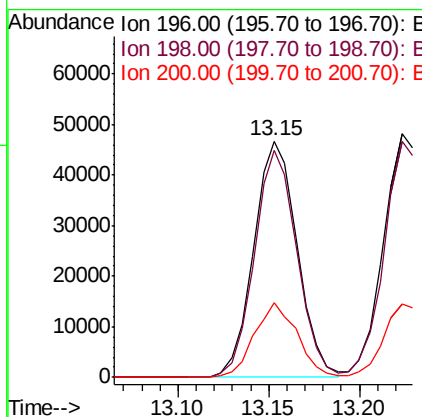
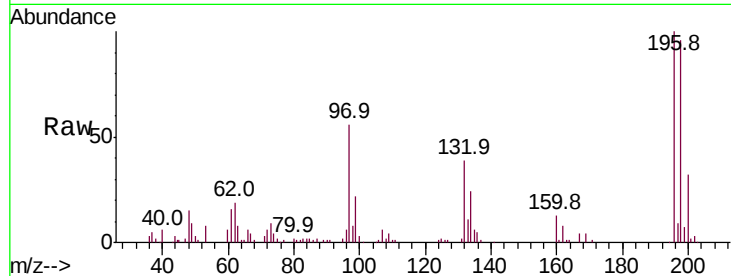
#43
 2,4,6-Trichlorophenol
 Concen: 36.947 ng
 RT: 13.15 min Scan# 1679
 Delta R.T. -0.00 min
 Lab File: BG038219.D
 Acq: 29 Nov 2018 3:46

Instrument :
 BNA_G
 ClientSampleId :
 PB115103BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	77616		
198	96.1	76.4	114.6	
200	31.5	24.9	37.3	

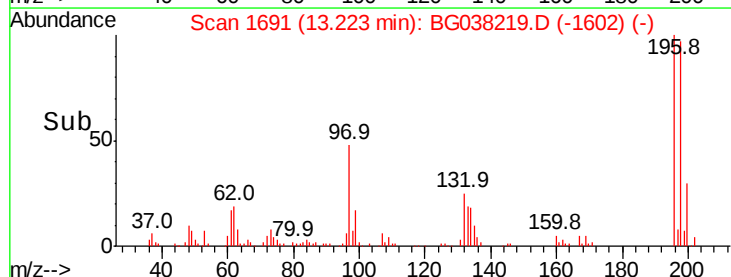
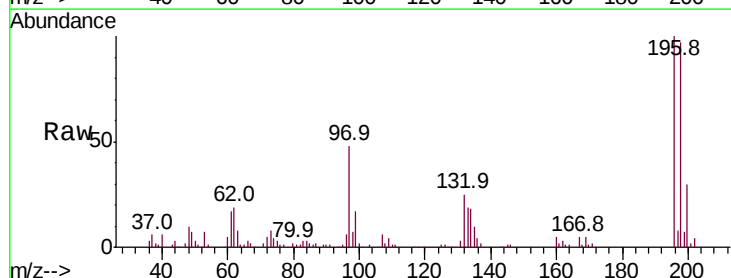
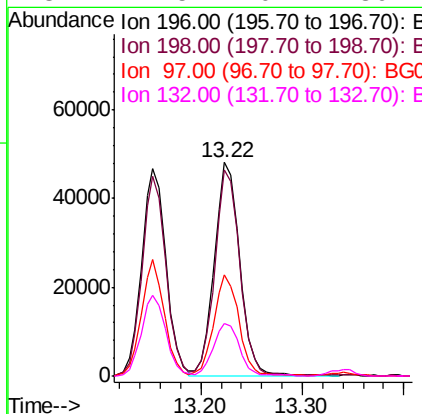
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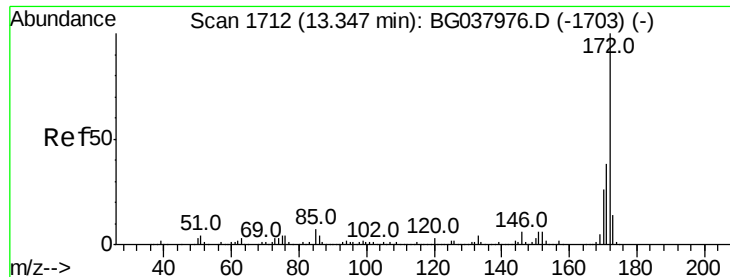
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 38.131 ng
 RT: 13.22 min Scan# 1691
 Delta R.T. -0.01 min
 Lab File: BG038219.D
 Acq: 29 Nov 2018 3:46

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	84284		
198	96.7	74.2	111.2	
97	47.6	34.1	51.1	
132	24.5	20.2	30.4	





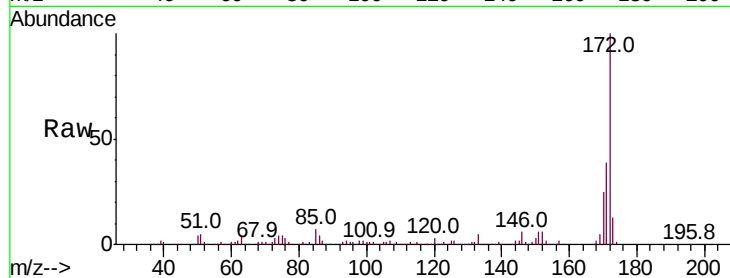
#45
2-Fluorobiphenyl
Concen: 75.707 ng
RT: 13.34 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BG038219.D
Acq: 29 Nov 2018 3:46

Instrument :
BNA_G
ClientSampleId :
PB115103BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.7	31.0	46.4
170	24.8	20.2	30.2

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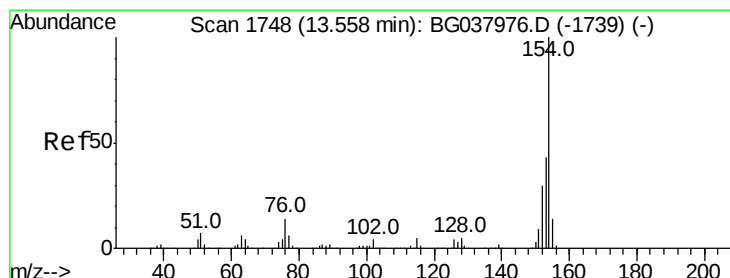
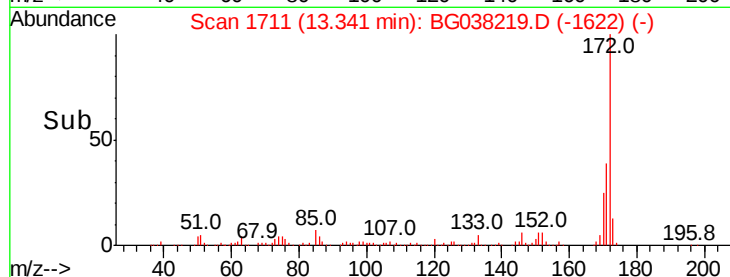
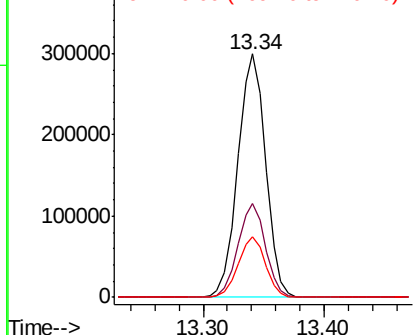


Abundance

Ion 172.00 (171.70 to 172.70): E

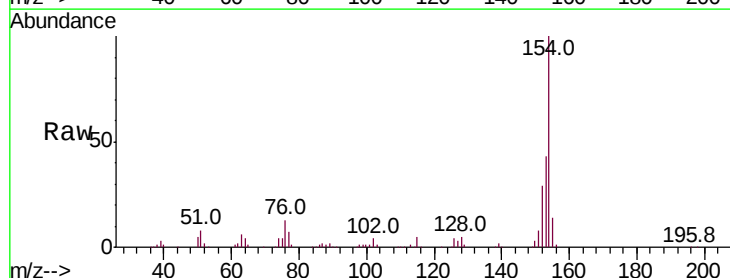
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 34.170 ng
RT: 13.55 min Scan# 1747
Delta R.T. -0.01 min
Lab File: BG038219.D
Acq: 29 Nov 2018 3:46

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.8	22.1	62.1
76	13.1	0.0	33.2

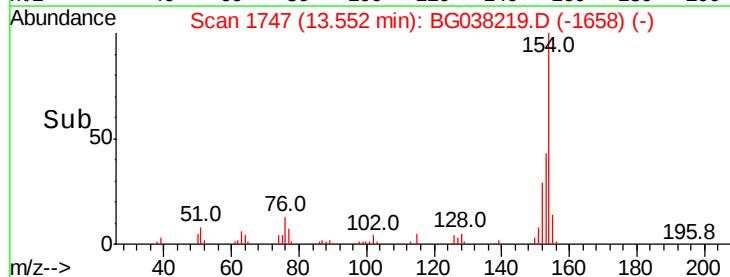
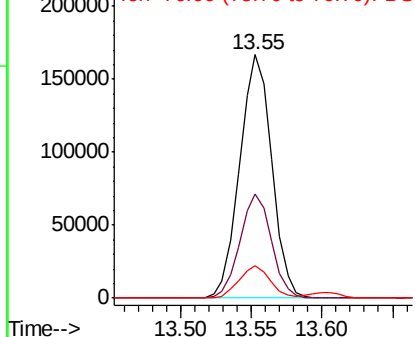


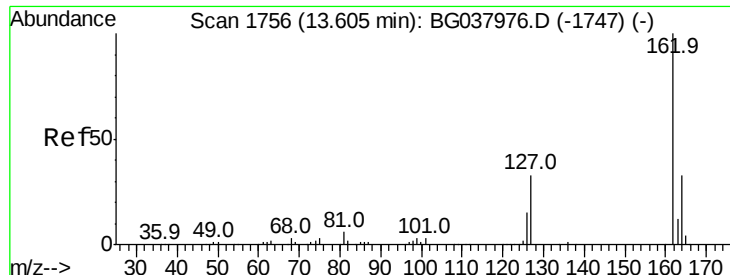
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG





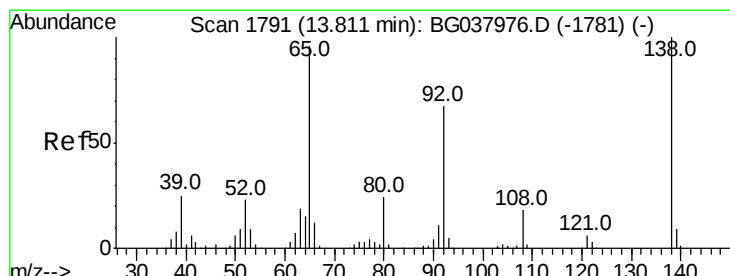
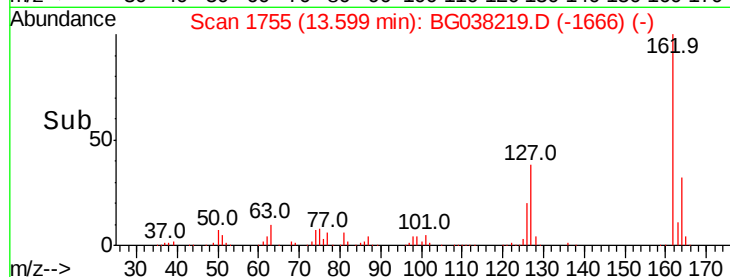
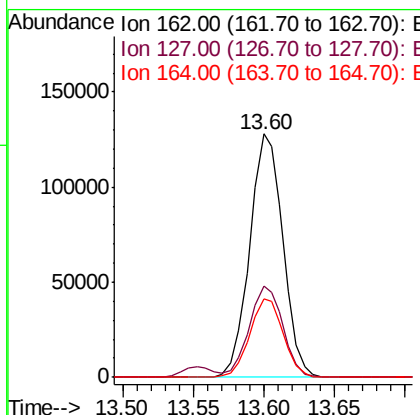
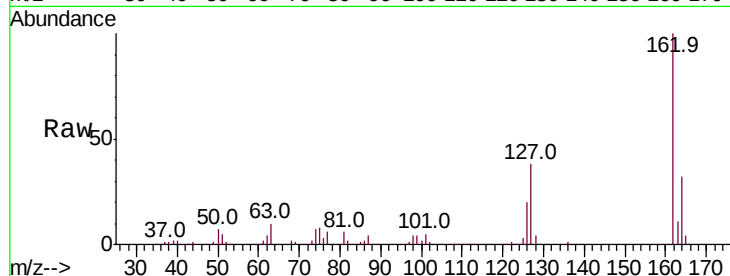
#47
 2-Chloronaphthalene
 Concen: 35.700 ng
 RT: 13.60 min Scan# 1756
 Delta R.T. -0.01 min
 Lab File: BG038219.D
 Acq: 29 Nov 2018 3:46

Instrument :
 BNA_G
 ClientSampleId :
 PB115103BSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.6	30.5	45.7
164	32.2	26.4	39.6

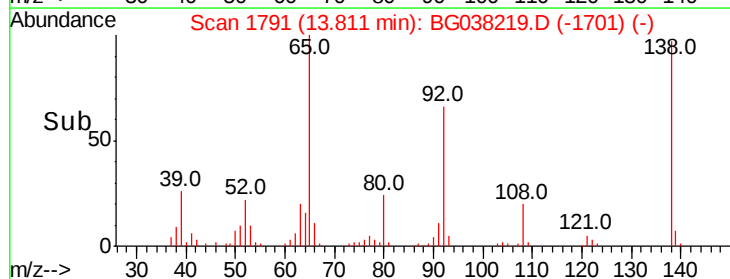
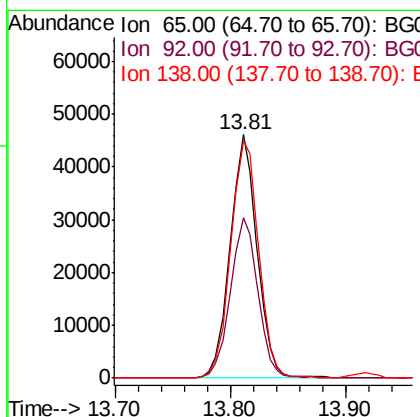
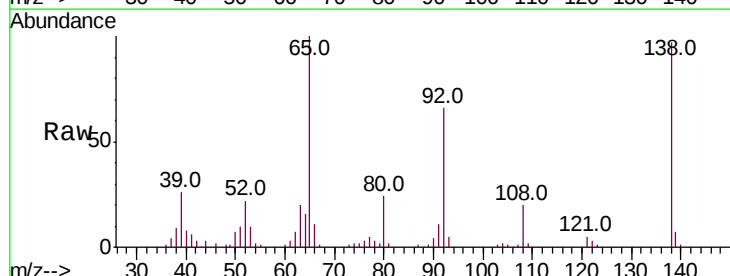
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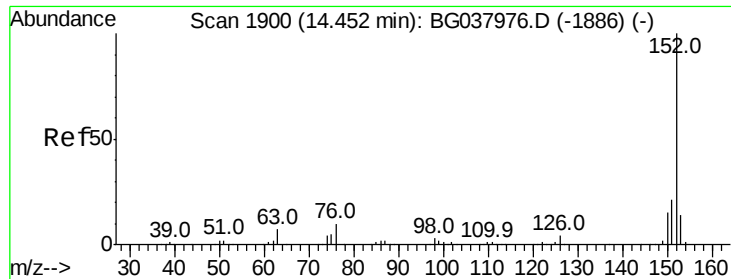
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#48
 2-Nitroaniline
 Concen: 40.000 ng
 RT: 13.81 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: BG038219.D
 Acq: 29 Nov 2018 3:46

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.7	53.2	79.8
138	97.4	79.3	118.9





#49

Acenaphthylene

Concen: 39.350 ng

RT: 14.45 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BG038219.D

Acq: 29 Nov 2018 3:46

Instrument :

BNA_G

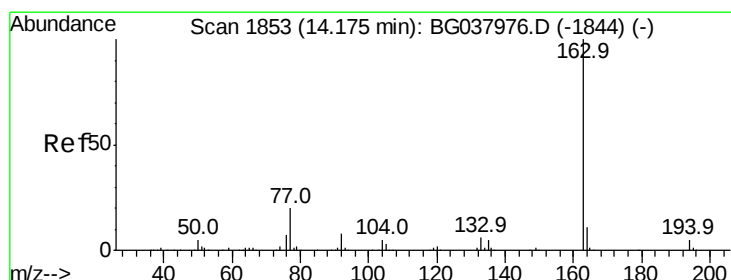
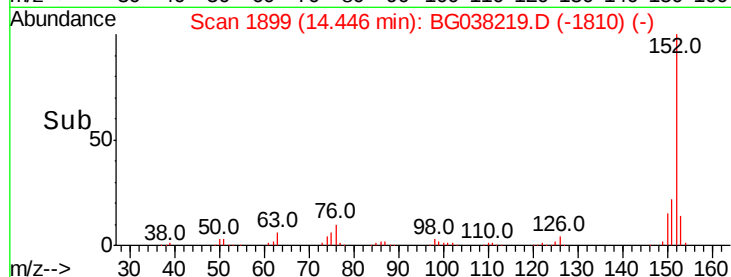
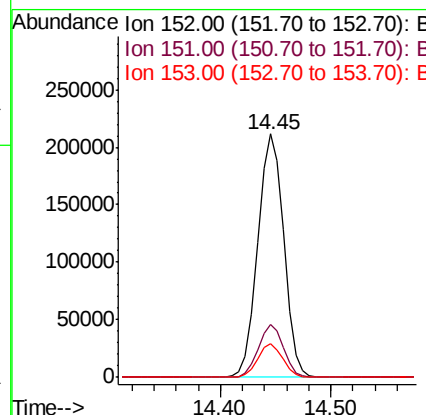
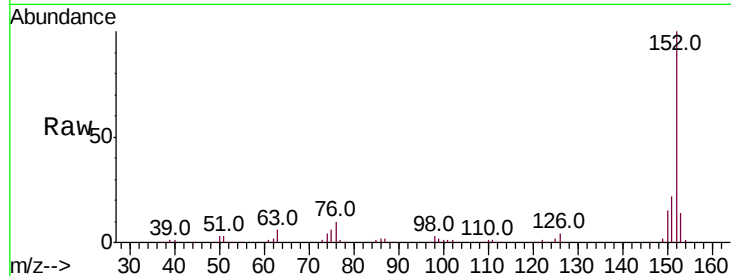
ClientSampleId :

PB115103BSD

Tot Ion:	152	Resp:	349972
Ion Ratio	Lower	Upper	
152	100		
151	21.5	17.1	25.7
153	13.9	11.1	16.7

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#50

Dimethylphthalate

Concen: 36.579 ng

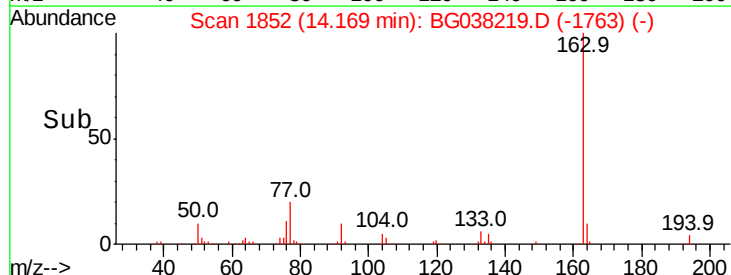
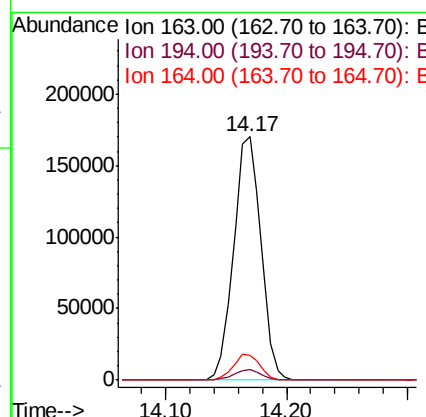
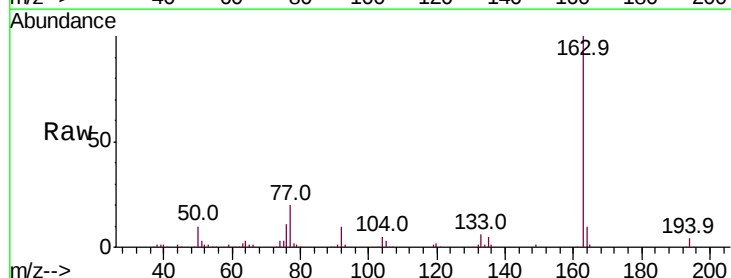
RT: 14.17 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BG038219.D

Acq: 29 Nov 2018 3:46

Tgt Ion:	163	Resp:	267535
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.5	5.3
164	10.1	8.5	12.7





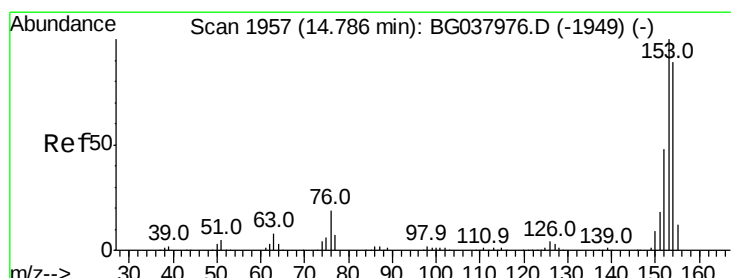
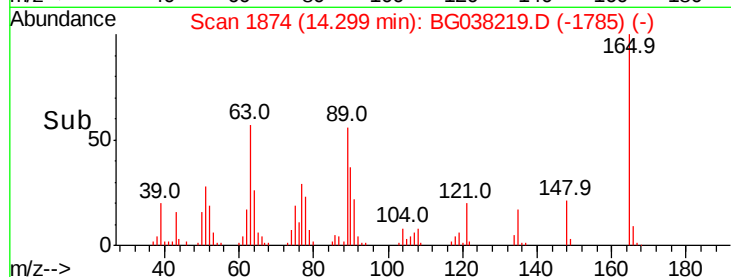
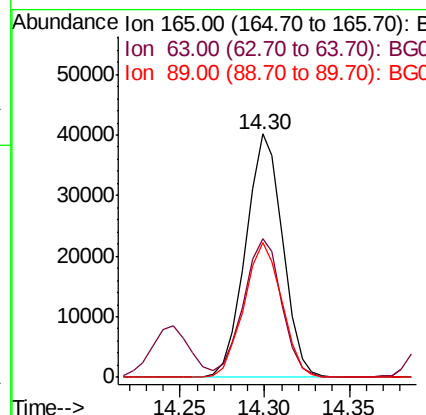
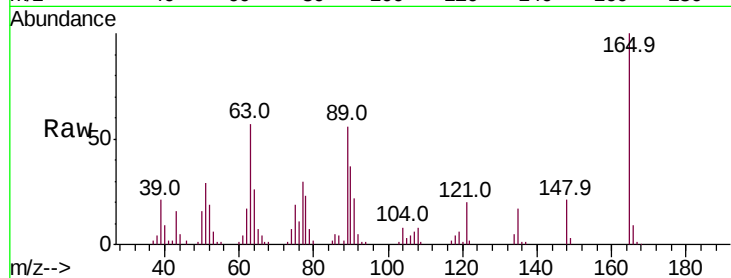
#51
 2,6-Dinitrotoluene
 Concen: 36.984 ng
 RT: 14.30 min Scan# 1874
 Delta R.T. -0.01 min
 Lab File: BG038219.D
 Acq: 29 Nov 2018 3:46

Instrument :
 BNA_G
 ClientSampleID :
 PB115103BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	61221		
63	56.8	43.4	65.2	
89	55.6	45.8	68.6	

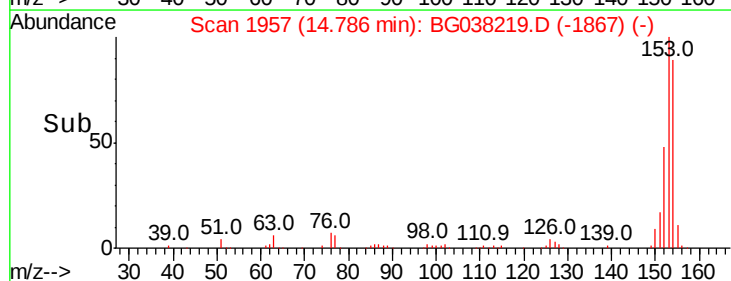
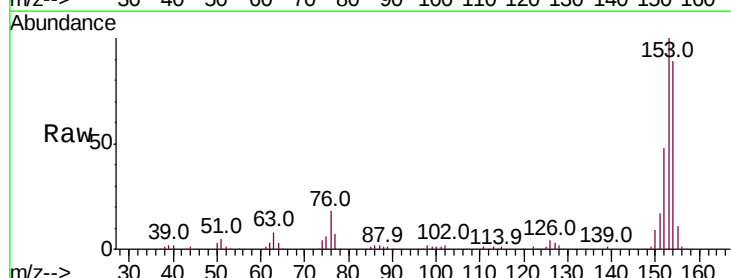
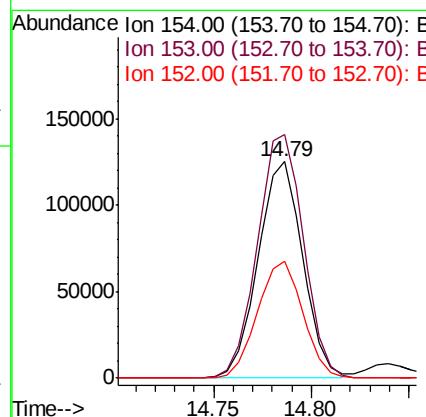
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#52
 Acenaphthene
 Concen: 37.012 ng
 RT: 14.79 min Scan# 1957
 Delta R.T. -0.00 min
 Lab File: BG038219.D
 Acq: 29 Nov 2018 3:46

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	198174		
153	112.6	93.4	140.0	
152	54.2	44.7	67.1	





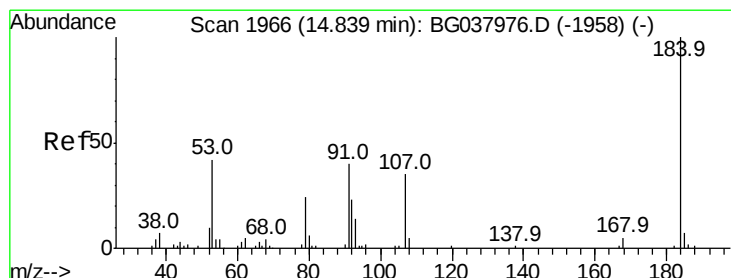
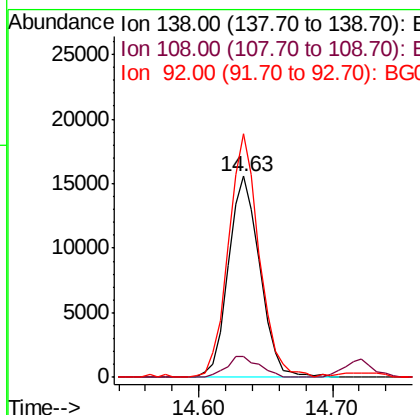
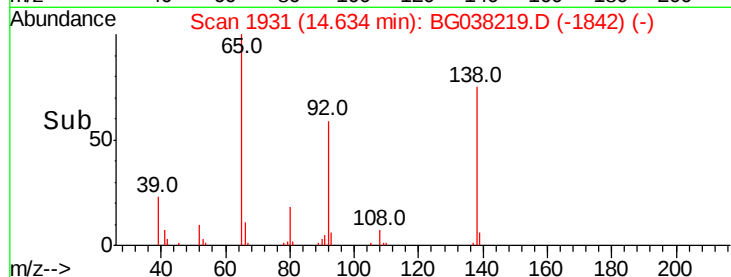
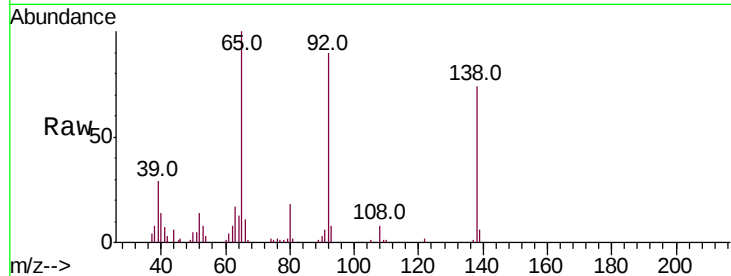
#53
3-Nitroaniline
Concen: 14.033 ng
RT: 14.63 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BG038219.D
Acq: 29 Nov 2018 3:46

Instrument :
BNA_G
ClientSampleId :
PB115103BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.4	11.0	16.6#
92	121.2	95.2	142.8

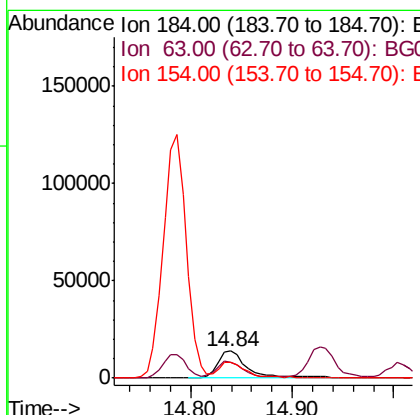
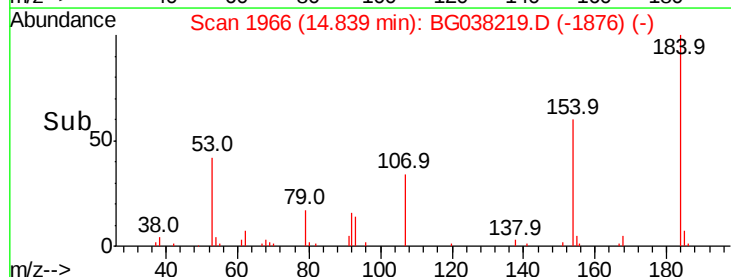
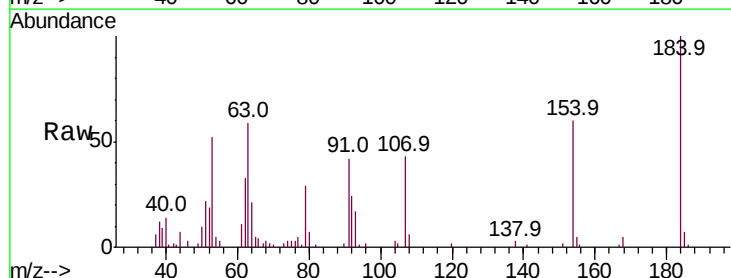
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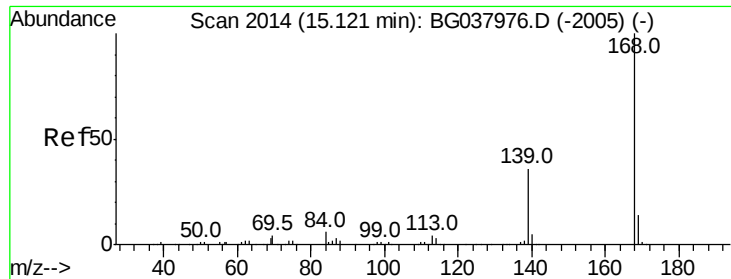
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#54
2,4-Dinitrophenol
Concen: 37.143 ng
RT: 14.84 min Scan# 1966
Delta R.T. 0.00 min
Lab File: BG038219.D
Acq: 29 Nov 2018 3:46

Tgt Ion	Ratio	Lower	Upper
184	100		
63	59.5	42.6	63.8
154	59.7	41.8	62.6





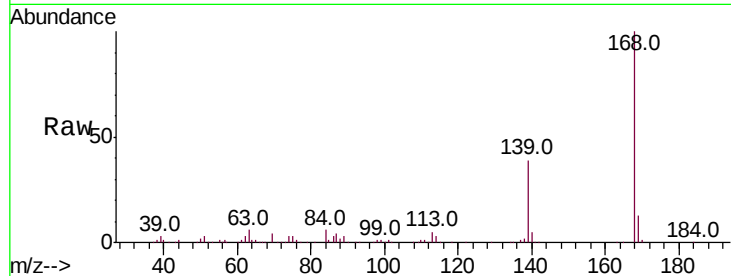
#55
Dibenzofuran
Concen: 36.623 ng
RT: 15.12 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BG038219.D
Acq: 29 Nov 2018 3:46

Instrument :
BNA_G
ClientSampleId :
PB115103BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.0	29.4	44.0
169	12.7	11.0	16.6

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Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

250000

200000

150000

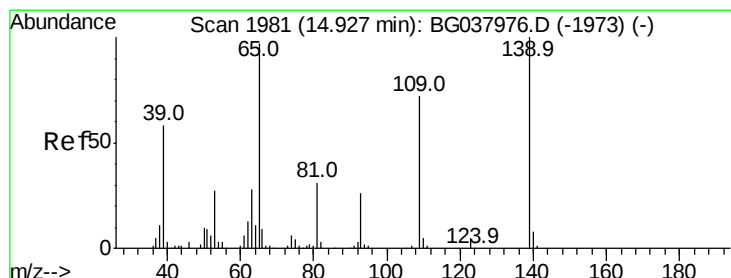
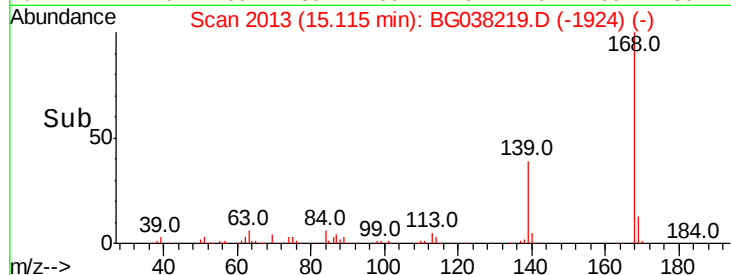
100000

50000

0

15.12

Time-->



#56
4-Nitrophenol
Concen: 66.508 ng
RT: 14.93 min Scan# 1981
Delta R.T. -0.00 min
Lab File: BG038219.D
Acq: 29 Nov 2018 3:46

Tgt Ion	Ratio	Lower	Upper
139	100		
109	79.0	49.5	89.5
65	101.7	76.8	116.8

Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

60000

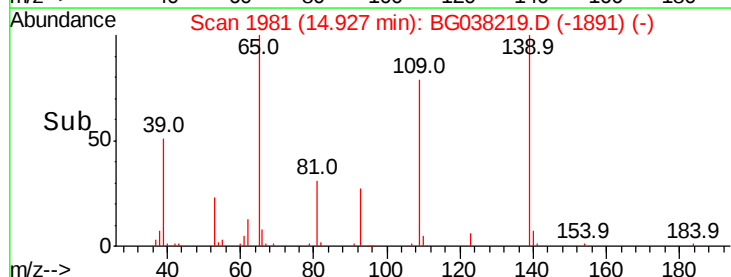
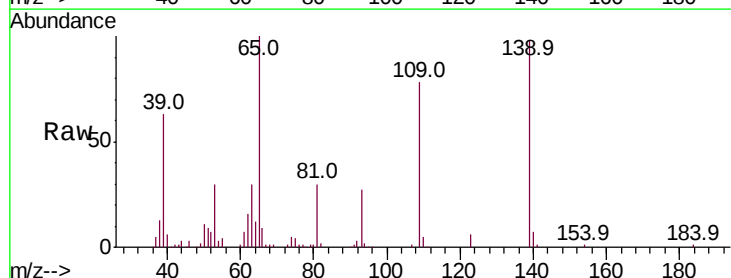
40000

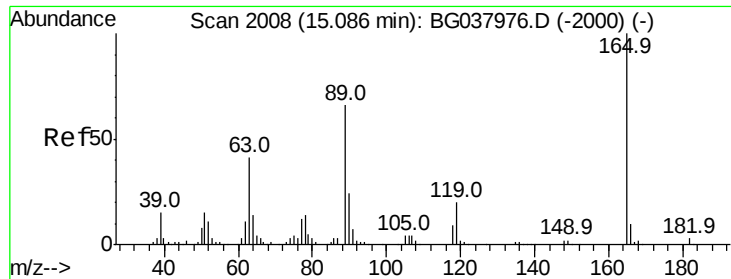
20000

0

14.93

Time-->





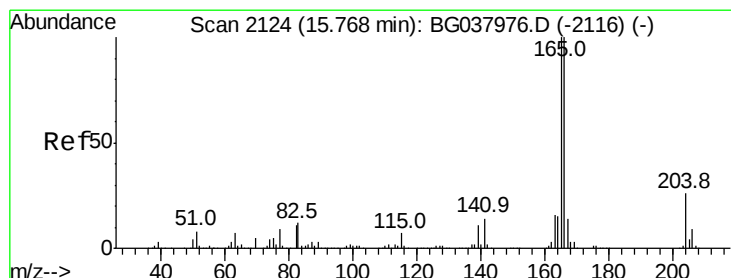
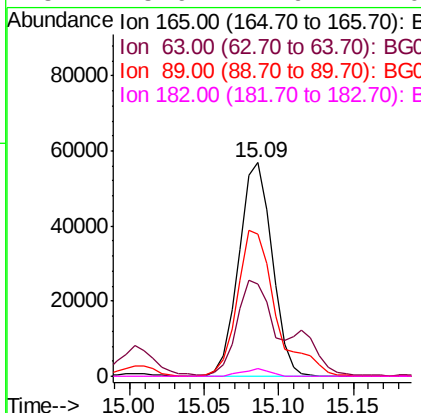
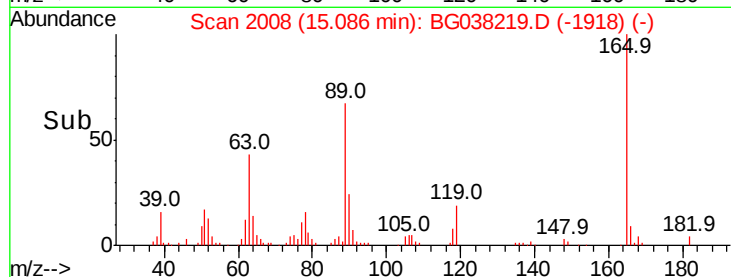
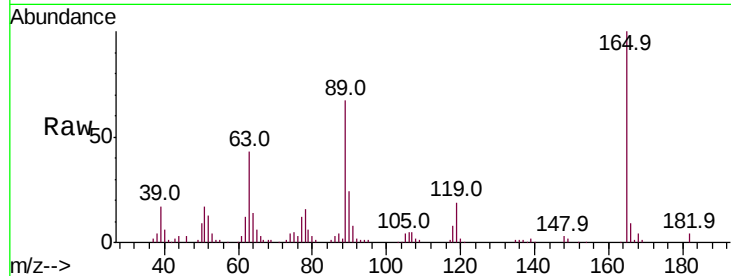
#57
2,4-Dinitrotoluene
Concen: 39.094 ng
RT: 15.09 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BG038219.D
Acq: 29 Nov 2018 3:46

Instrument :
BNA_G
ClientSampleId :
PB115103BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	88049		
63	42.9	33.4	50.0	
89	66.7	57.2	85.8	
182	3.6	2.6	4.0	

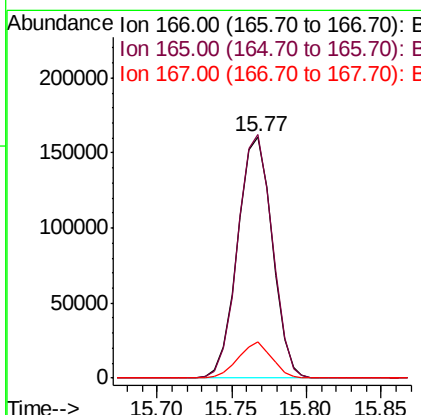
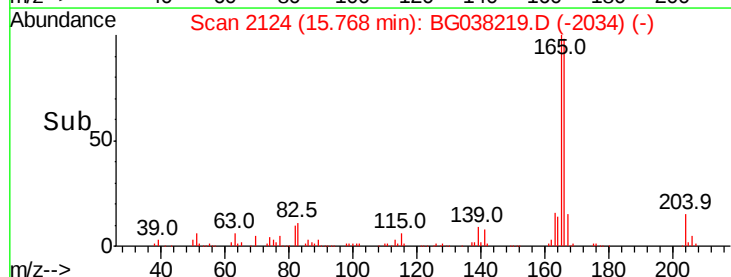
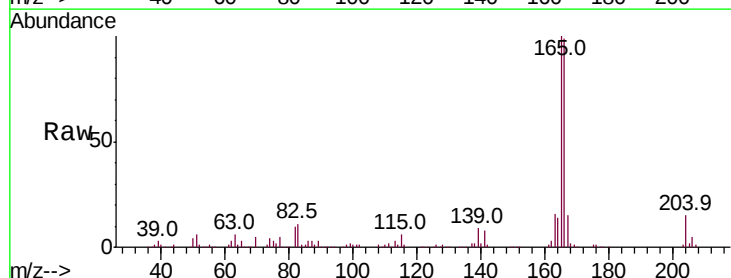
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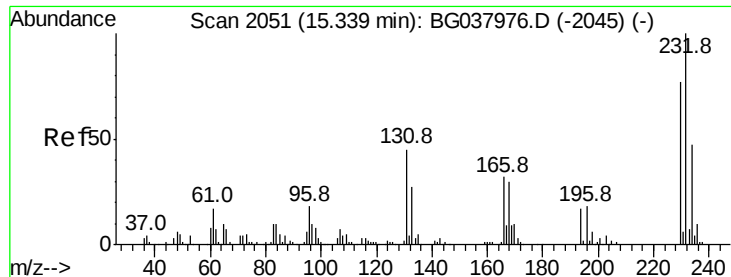
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#58
Fluorene
Concen: 39.219 ng
RT: 15.77 min Scan# 2124
Delta R.T. -0.00 min
Lab File: BG038219.D
Acq: 29 Nov 2018 3:46

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	259077		
165	100.8	79.0	118.6	
167	15.2	11.3	16.9	





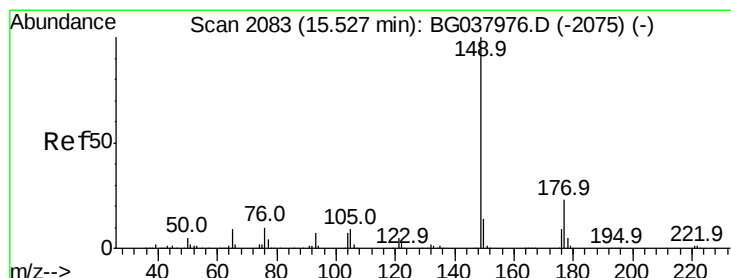
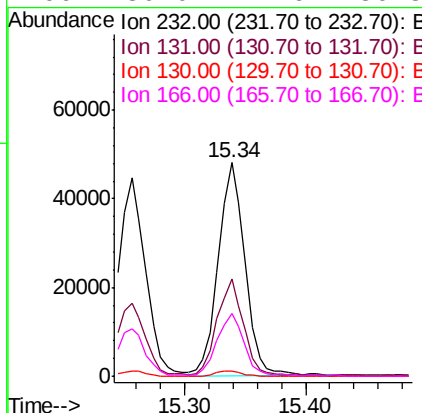
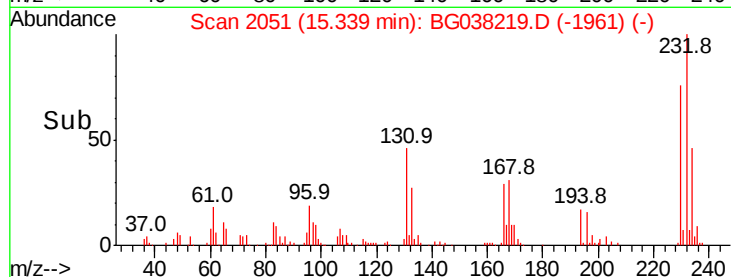
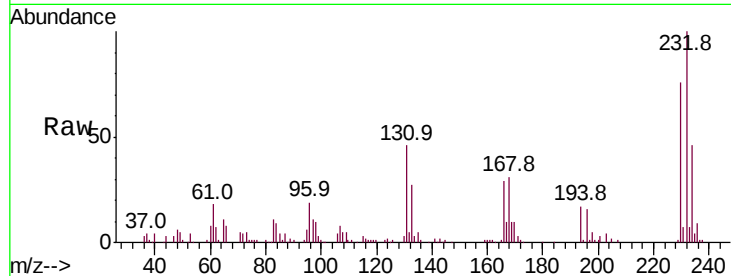
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.648 ng
 RT: 15.34 min Scan# 2051
 Delta R.T. -0.00 min
 Lab File: BG038219.D
 Acq: 29 Nov 2018 3:46

Instrument :
 BNA_G
 ClientSampleId :
 PB115103BSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.1	33.7	50.5
130	2.5	2.1	3.1
166	30.0	24.6	36.8

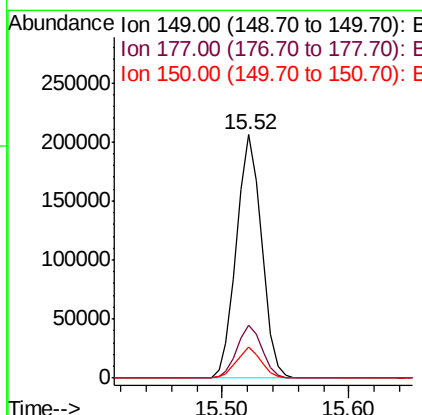
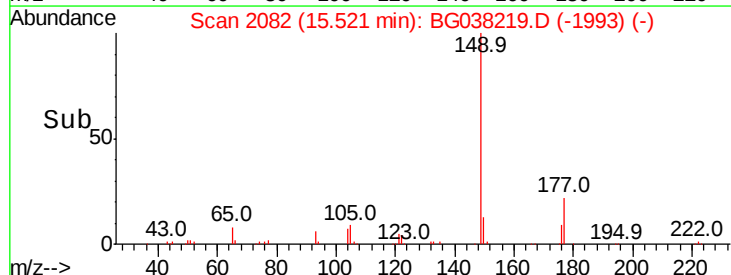
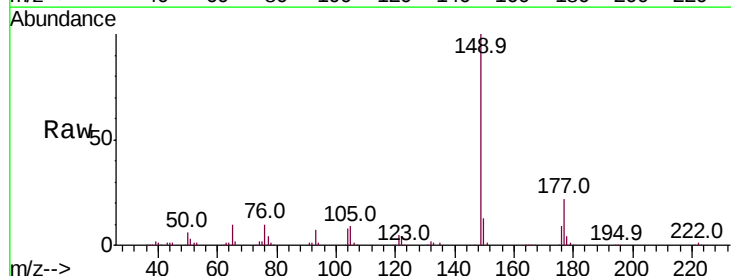
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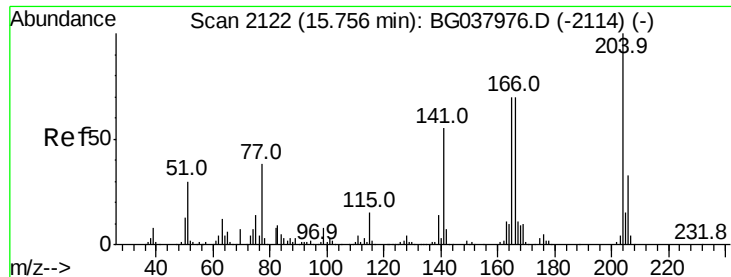
mohammad
 11/30/2018 11:42:01 AM



#60
 Diethylphthalate
 Concen: 36.349 ng
 RT: 15.52 min Scan# 2082
 Delta R.T. -0.01 min
 Lab File: BG038219.D
 Acq: 29 Nov 2018 3:46

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.8	18.3	27.5
150	12.6	10.0	15.0





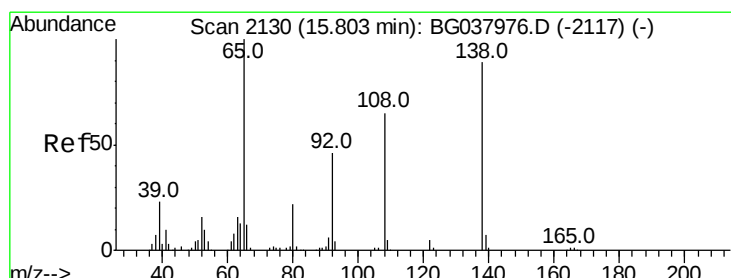
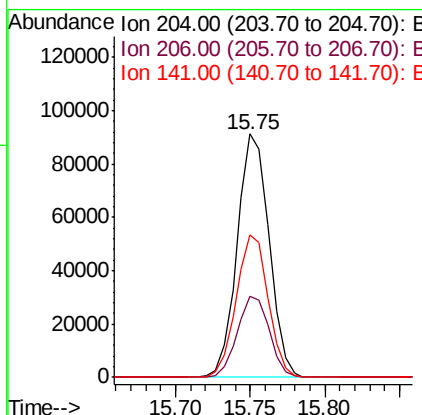
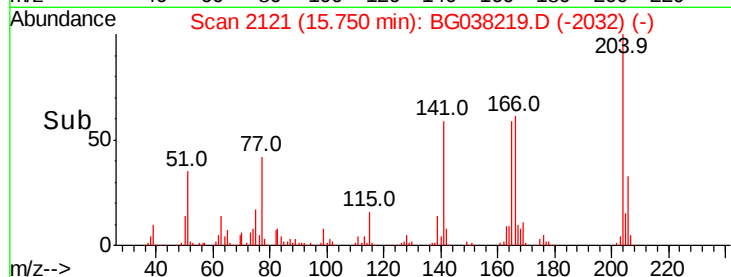
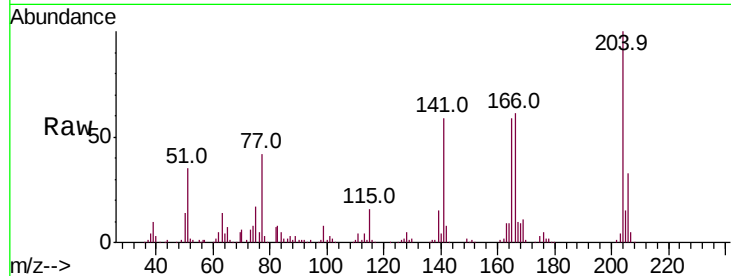
#61
4-Chlorophenyl-phenylether
Concen: 35.008 ng
RT: 15.75 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BG038219.D
Acq: 29 Nov 2018 3:46

Instrument :
BNA_G
ClientSampleId :
PB115103BSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.6	39.8
141	58.8	45.4	68.2

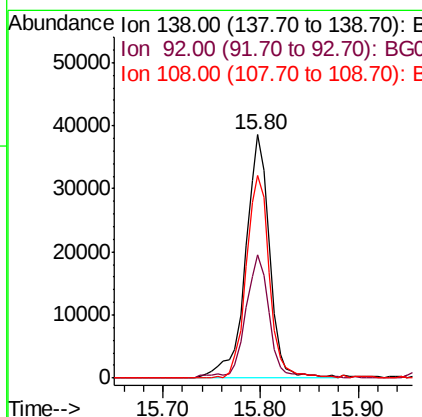
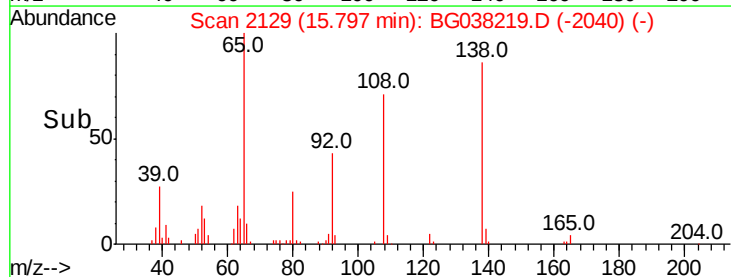
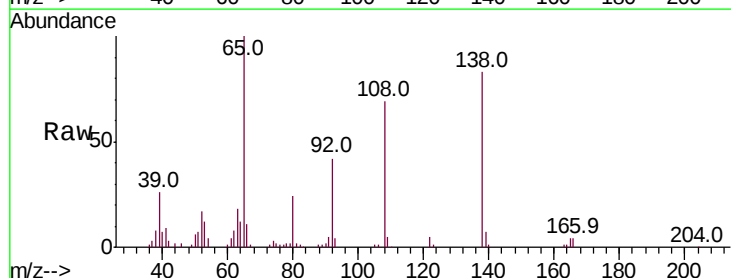
Manual Integrations
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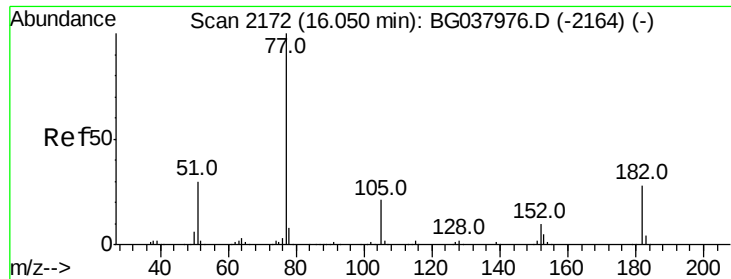
mohammad
11/30/2018 11:42:01 AM



#62
4-Nitroaniline
Concen: 36.698 ng
RT: 15.80 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BG038219.D
Acq: 29 Nov 2018 3:46

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.6	36.4	76.4
108	83.5	60.1	100.1





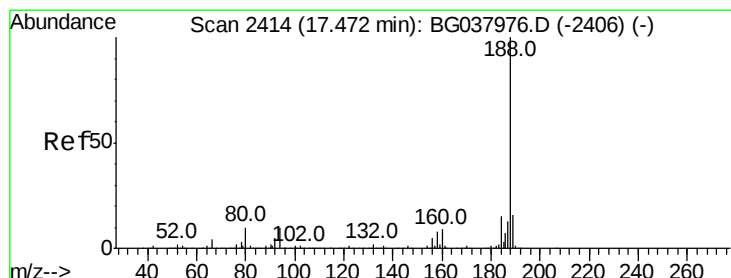
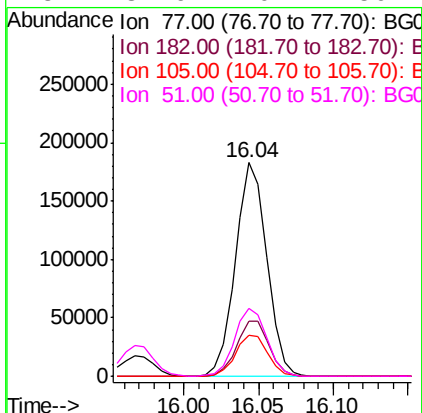
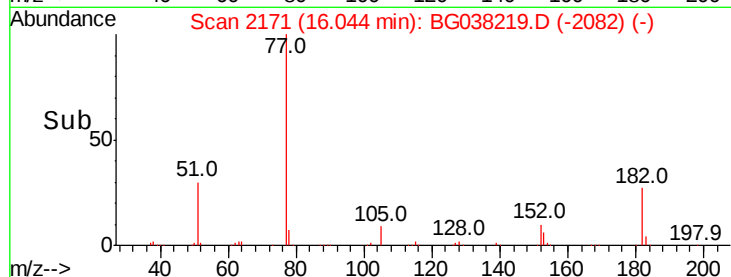
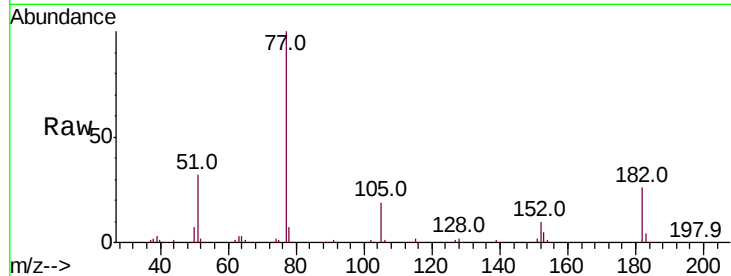
#63
Azobenzene
Concen: 38.436 ng
RT: 16.04 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BG038219.D
Acq: 29 Nov 2018 3:46

Instrument :
BNA_G
ClientSampleId :
PB115103BSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	25.9	8.0	48.0	
105	19.5	1.3	41.3	
51	31.9	10.7	50.7	

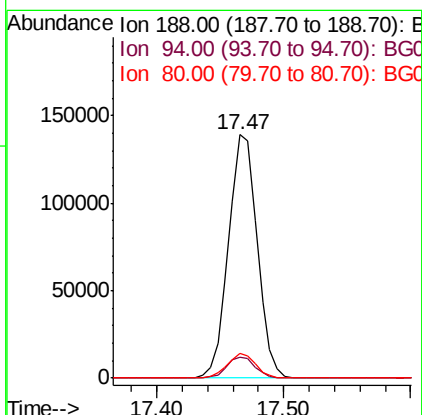
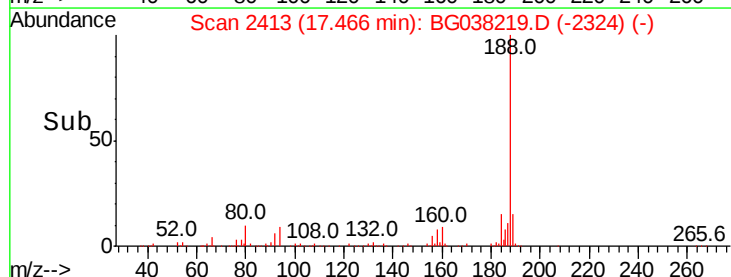
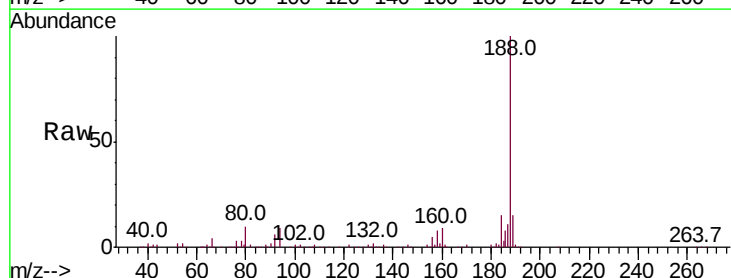
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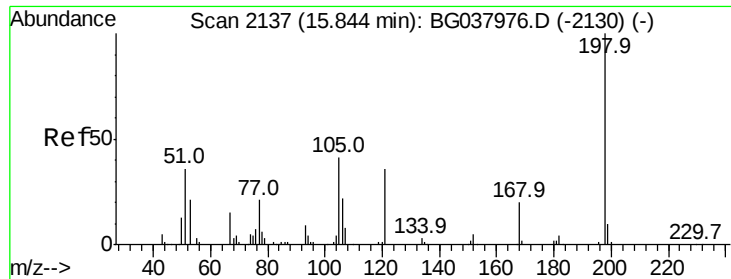
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG038219.D
Acq: 29 Nov 2018 3:46

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.8	7.2	10.8	
80	10.1	7.7	11.5	





#65

4,6-Dinitro-2-methylphenol

Concen: 24.886 ng

RT: 15.84 min Scan# 2137

Delta R.T. -0.00 min

Lab File: BG038219.D

Acq: 29 Nov 2018 3:46

Instrument :

BNA_G

ClientSampleId :

PB115103BSD

Tot Ion:198 Resp: 34170

Ion Ratio Lower Upper

198 100

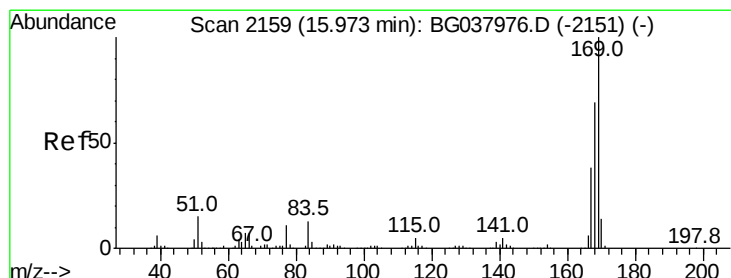
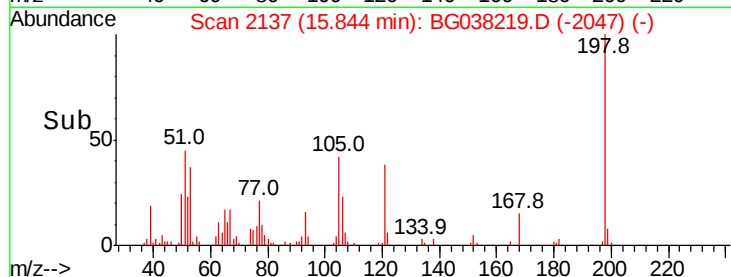
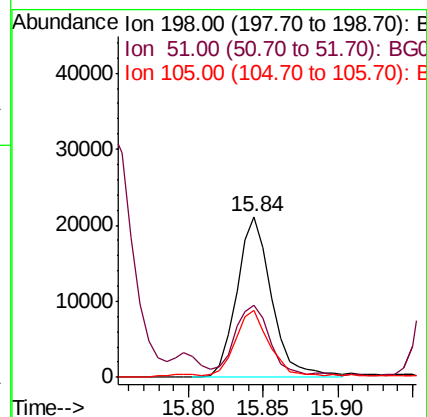
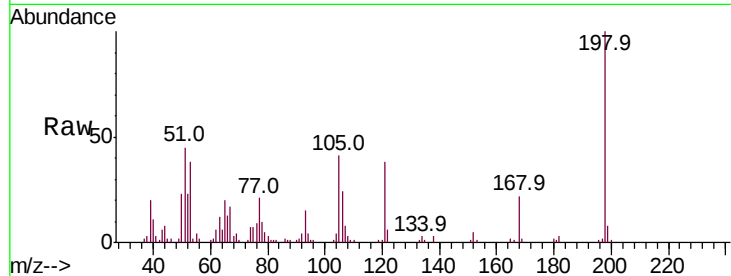
51 44.9 22.7 62.7

105 41.3 19.7 59.7

Manual Integrations
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#66

n-Nitrosodiphenylamine

Concen: 36.199 ng

RT: 15.97 min Scan# 2158

Delta R.T. -0.01 min

Lab File: BG038219.D

Acq: 29 Nov 2018 3:46

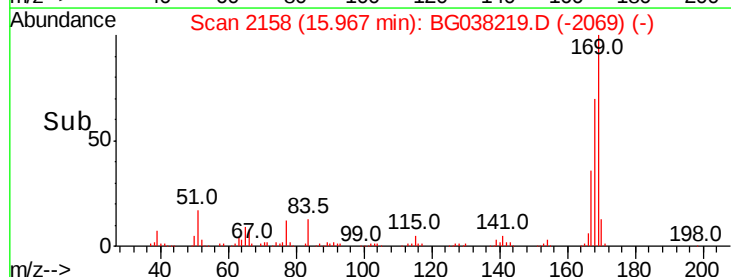
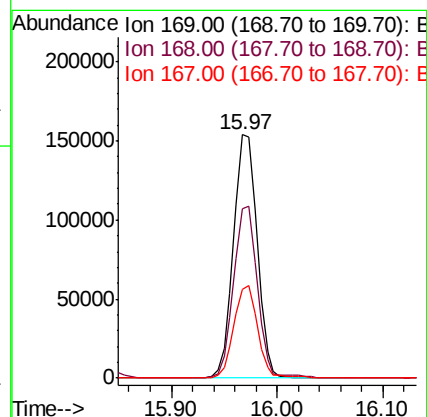
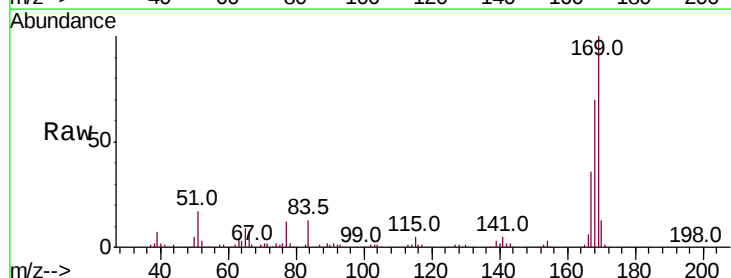
Tgt Ion:169 Resp: 237729

Ion Ratio Lower Upper

169 100

168 69.6 55.7 83.5

167 36.4 31.3 46.9





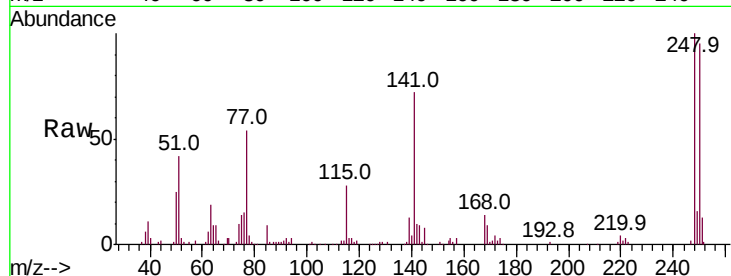
#67
 4-Bromophenyl-phenylether
 Concen: 36.111 ng
 RT: 16.65 min Scan# 2274
 Delta R.T. -0.01 min
 Lab File: BG038219.D
 Acq: 29 Nov 2018 3:46

Instrument :
 BNA_G
 ClientSampleId :
 PB115103BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.5	77.0	115.6
141	72.1	55.5	83.3

Manual Integrations
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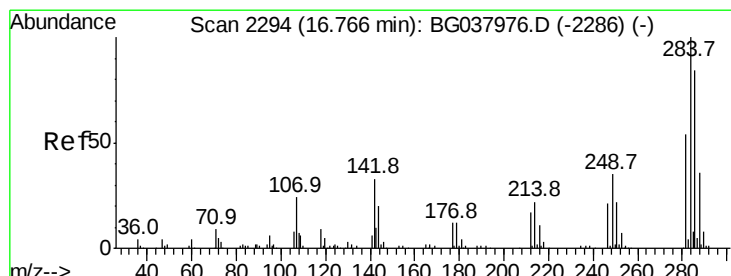
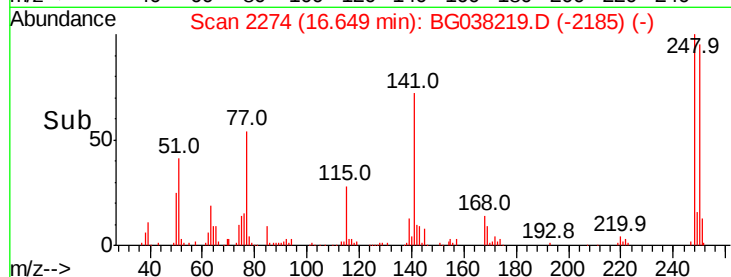
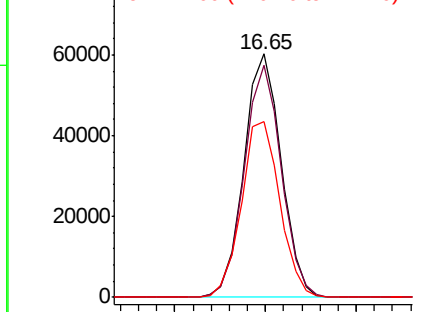


Abundance

Ion 248.00 (247.70 to 248.70): E

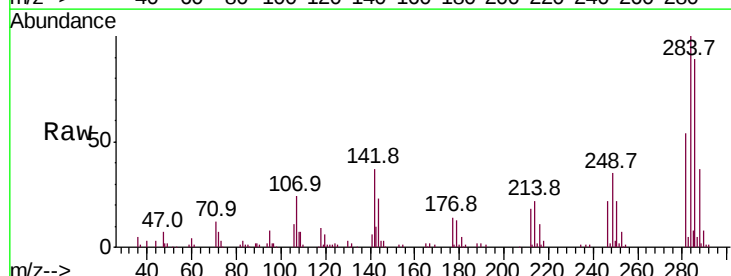
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 35.076 ng
 RT: 16.76 min Scan# 2293
 Delta R.T. -0.01 min
 Lab File: BG038219.D
 Acq: 29 Nov 2018 3:46

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.2	28.1	42.1
249	38.0	29.8	44.8

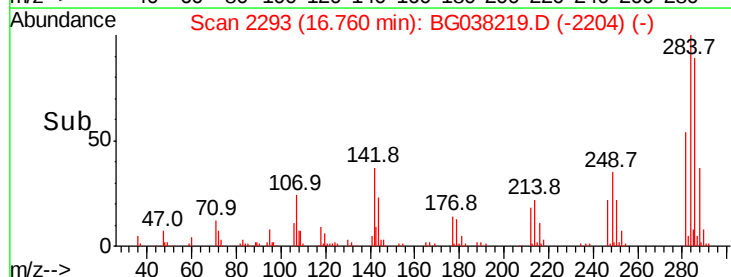
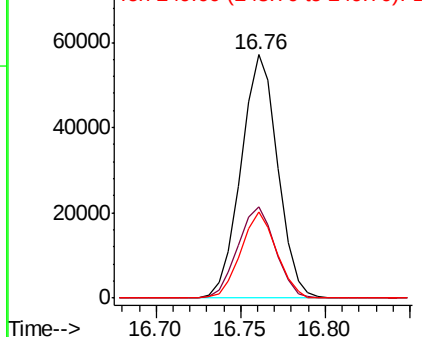


Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





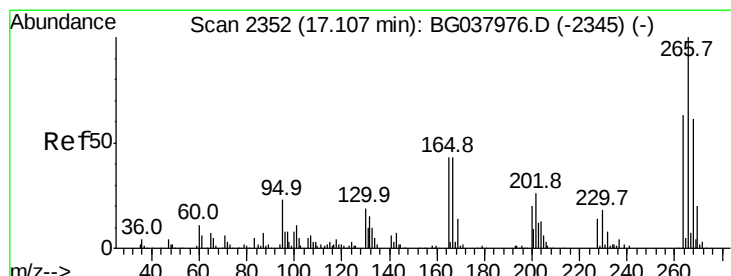
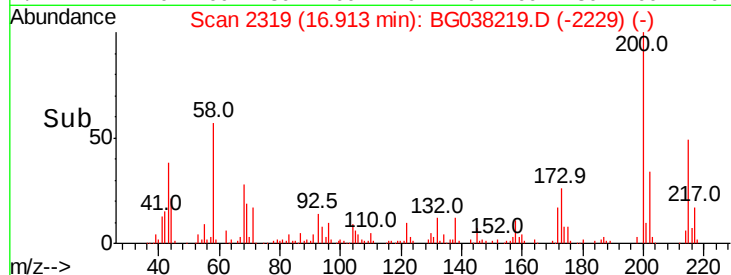
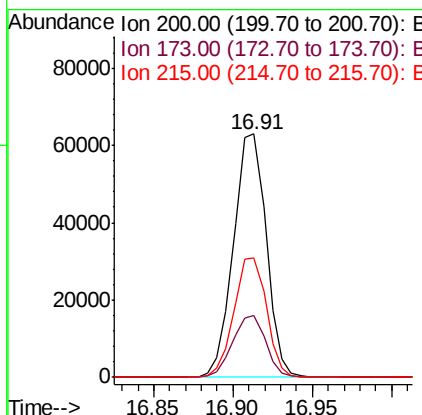
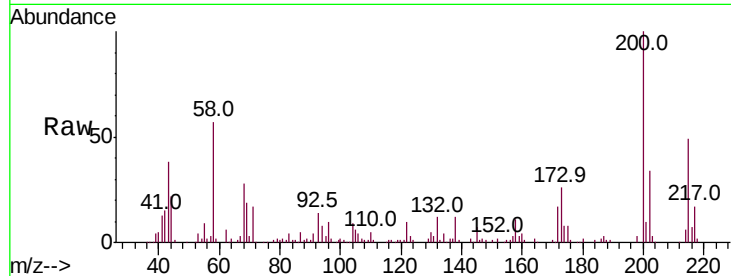
#69
Atrazine
Concen: 37.289 ng
RT: 16.91 min Scan# 2319
Delta R.T. -0.00 min
Lab File: BG038219.D
Acq: 29 Nov 2018 3:46

Instrument :
BNA_G
ClientSampleId :
PB115103BSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.6	6.1	46.1
215	49.1	30.8	70.8

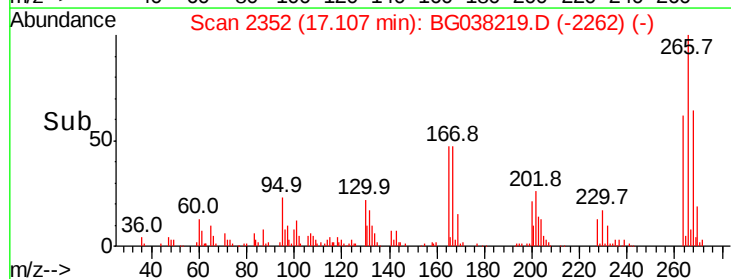
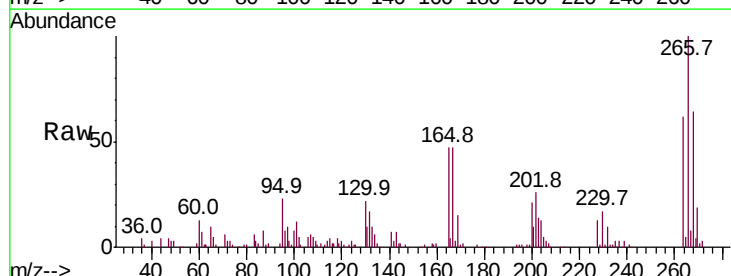
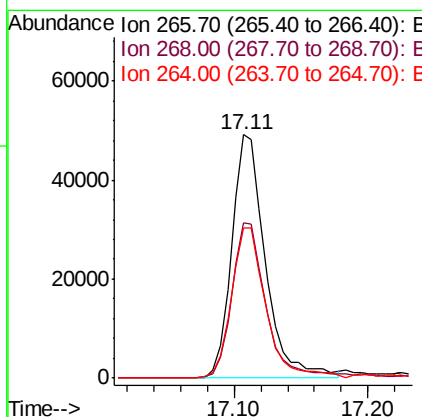
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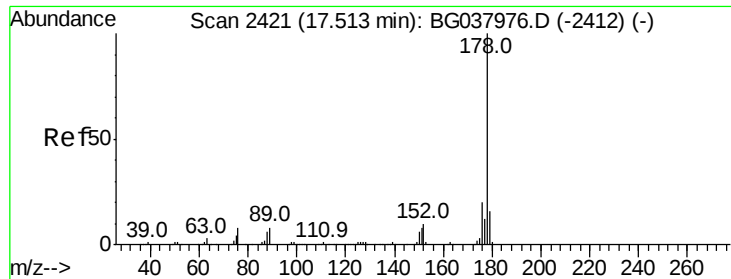
mohammad
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#70
Pentachlorophenol
Concen: 51.499 ng
RT: 17.11 min Scan# 2352
Delta R.T. -0.00 min
Lab File: BG038219.D
Acq: 29 Nov 2018 3:46

Tgt Ion	Ratio	Lower	Upper
266	100		
268	68.0	55.0	82.6
264	67.4	58.9	88.3





#71

Phenanthrene

Concen: 39.256 ng

RT: 17.51 min Scan# 2421

Delta R.T. -0.00 min

Lab File: BG038219.D

Acq: 29 Nov 2018 3:46

Instrument :

BNA_G

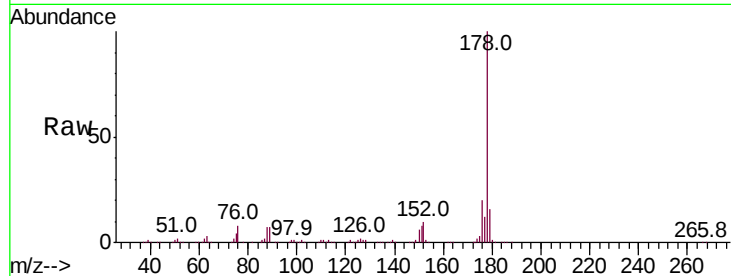
ClientSampleId :

PB115103BSD

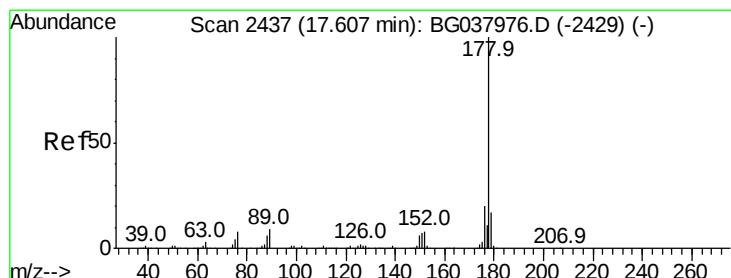
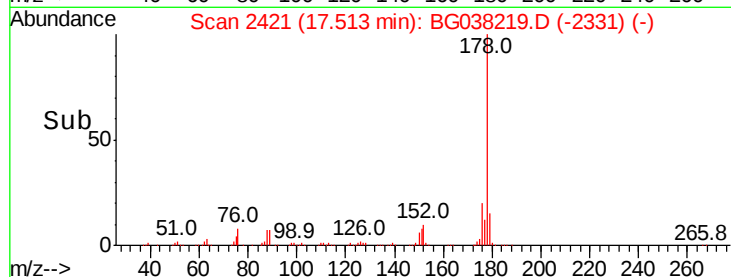
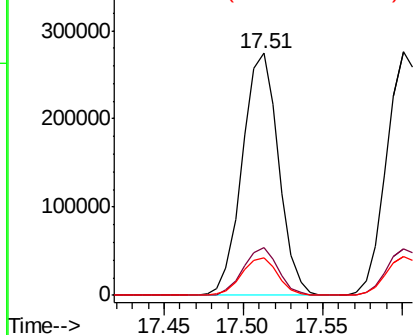
Tot Ion:	178	Resp:	436305
Ion Ratio	Lower	Upper	
178	100		
176	19.6	16.1	24.1
179	15.5	13.0	19.4

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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



#72

Anthracene

Concen: 40.702 ng

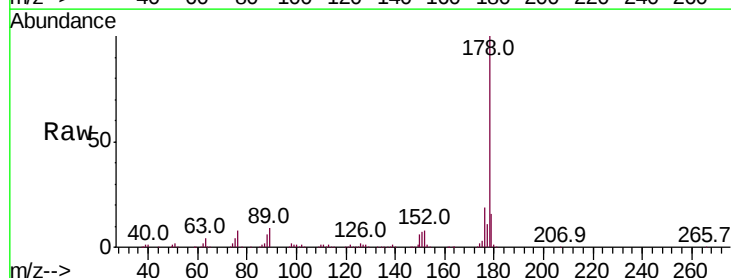
RT: 17.60 min Scan# 2436

Delta R.T. -0.01 min

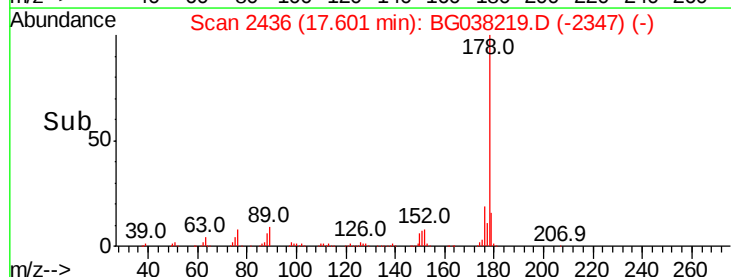
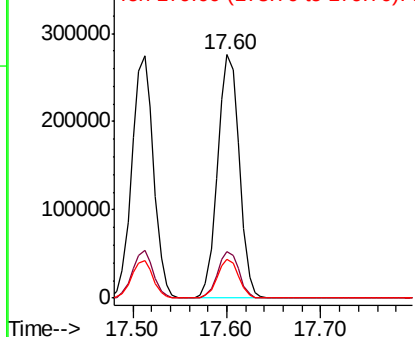
Lab File: BG038219.D

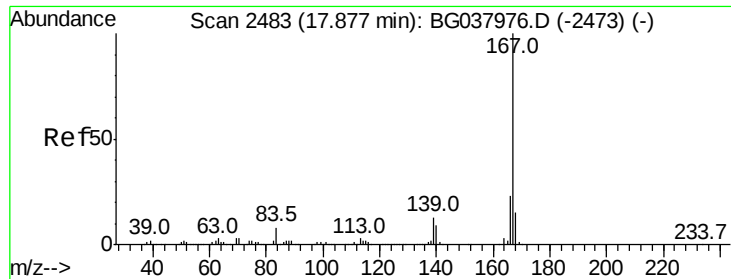
Acq: 29 Nov 2018 3:46

Tgt Ion:	178	Resp:	445926
Ion Ratio	Lower	Upper	
178	100		
176	18.9	15.0	22.4
179	15.9	12.8	19.2



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





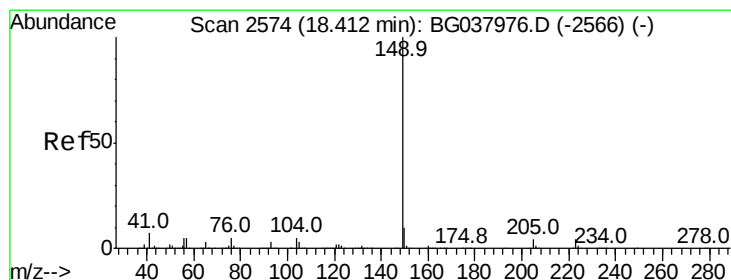
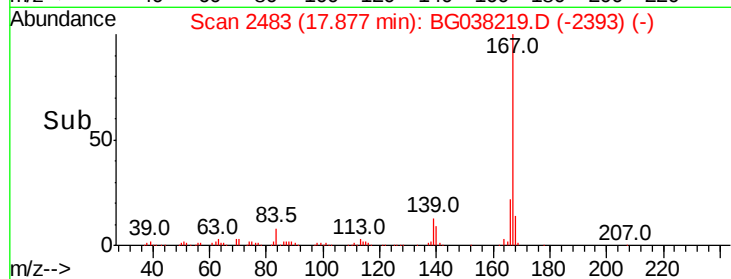
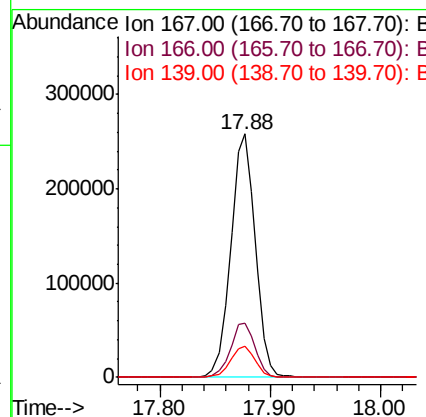
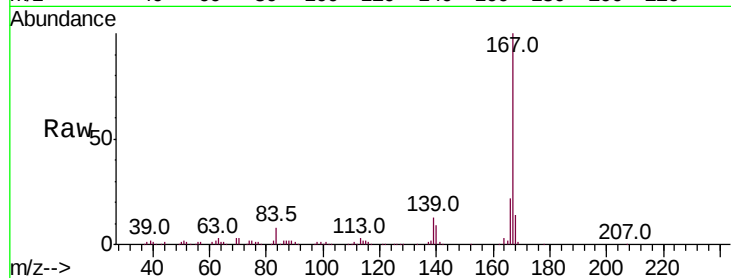
#73
 Carbazole
 Concen: 36.433 ng
 RT: 17.88 min Scan# 2483
 Delta R.T. -0.00 min
 Lab File: BG038219.D
 Acq: 29 Nov 2018 3:46

Instrument :
 BNA_G
 ClientSampleId :
 PB115103BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.3	27.5
139	13.0	10.5	15.7

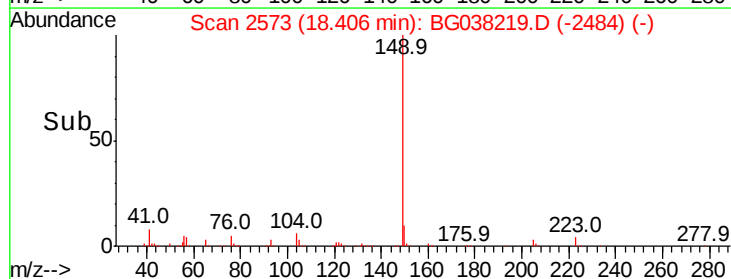
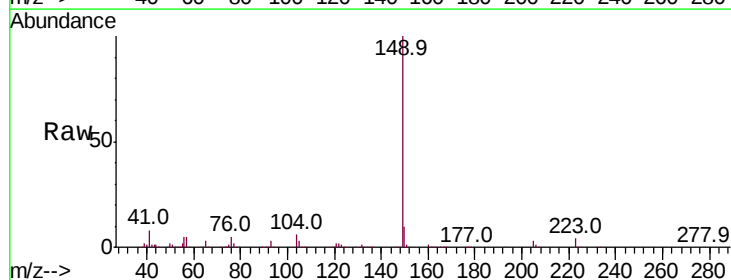
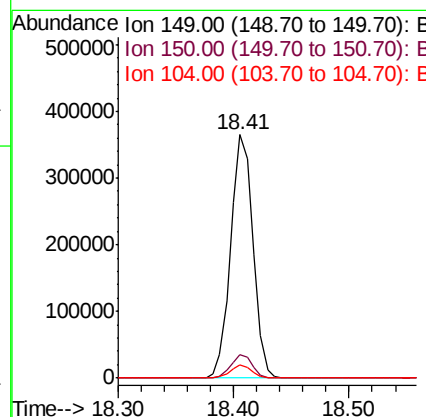
Manual Integrations
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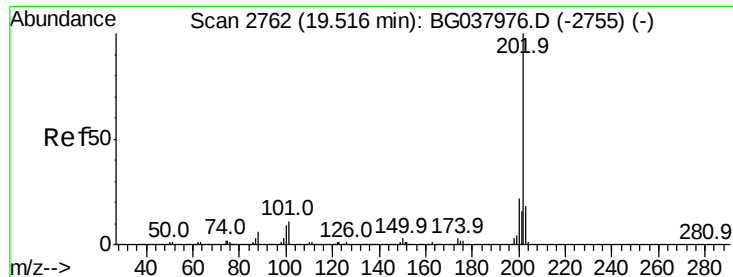
mohammad
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#74
 Di-n-butylphthalate
 Concen: 39.602 ng
 RT: 18.41 min Scan# 2573
 Delta R.T. -0.01 min
 Lab File: BG038219.D
 Acq: 29 Nov 2018 3:46

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	8.2	12.2
104	5.6	4.0	6.0





#75

Fluoranthene

Concen: 40.788 ng

RT: 19.52 min Scan# 2762

Delta R.T. -0.00 min

Lab File: BG038219.D

Acq: 29 Nov 2018 3:46

Instrument :

BNA_G

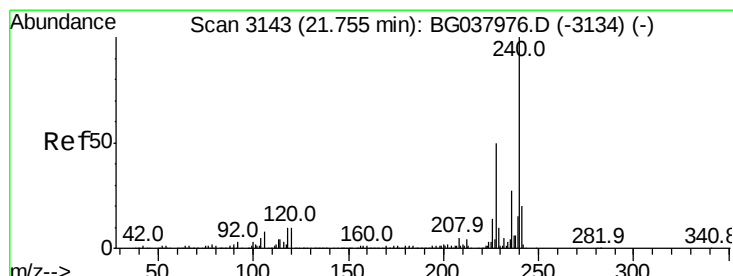
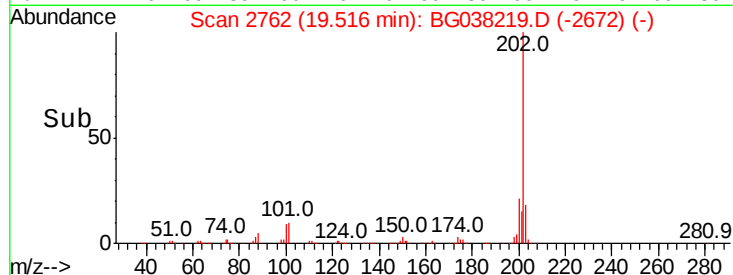
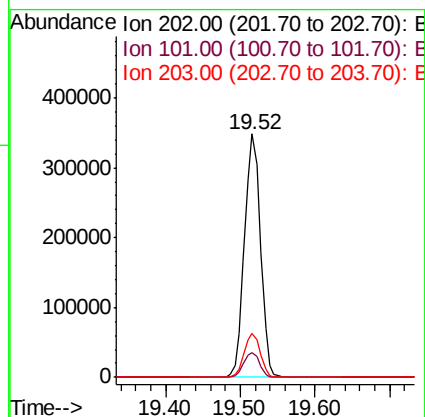
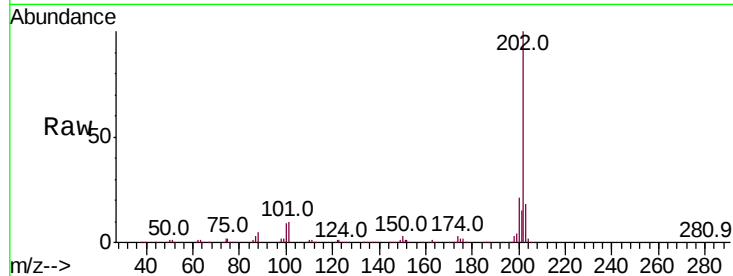
ClientSampleId :

PB115103BSD

Tot Ion:	202	Resp:	517217
Ion Ratio	Lower	Upper	
202	100		
101	10.0	0.0	30.7
203	17.9	0.0	38.5

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#76

Chrysene-d12

Concen: 20.000 ng

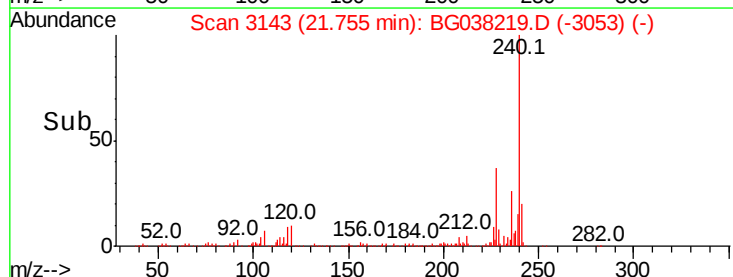
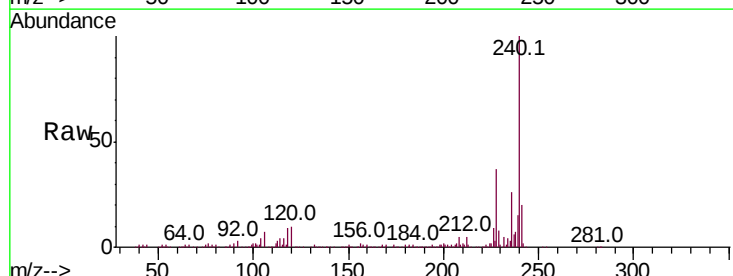
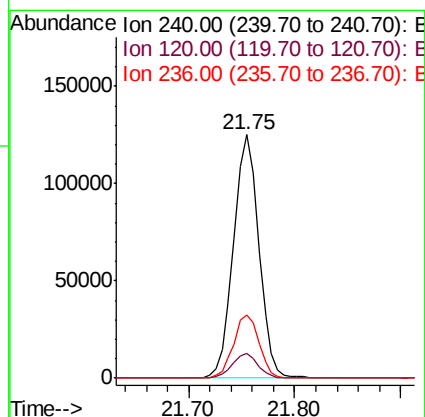
RT: 21.75 min Scan# 3143

Delta R.T. -0.00 min

Lab File: BG038219.D

Acq: 29 Nov 2018 3:46

Tgt Ion:	240	Resp:	206532
Ion Ratio	Lower	Upper	
240	100		
120	10.1	8.1	12.1
236	26.1	21.4	32.0





#77

Benzidine

Concen: 15.733 ng

RT: 19.70 min Scan# 2793

Delta R.T. -0.01 min

Lab File: BG038219.D

Acq: 29 Nov 2018 3:46

Instrument :

BNA_G

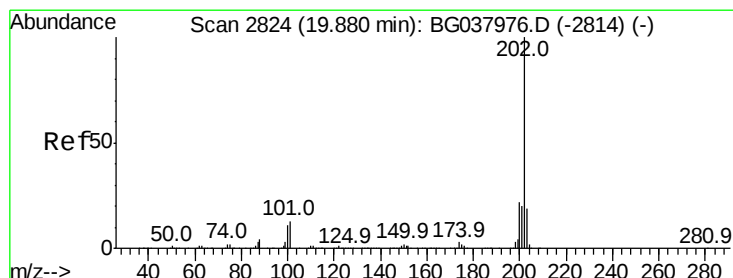
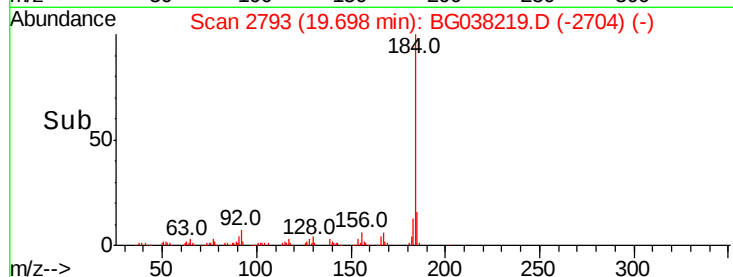
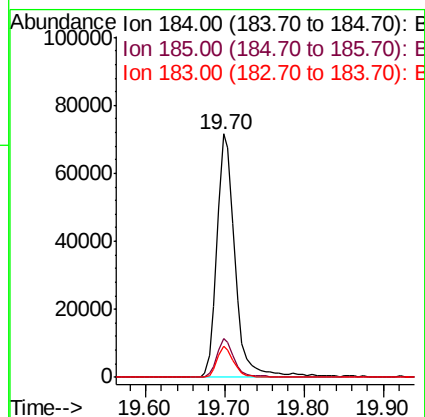
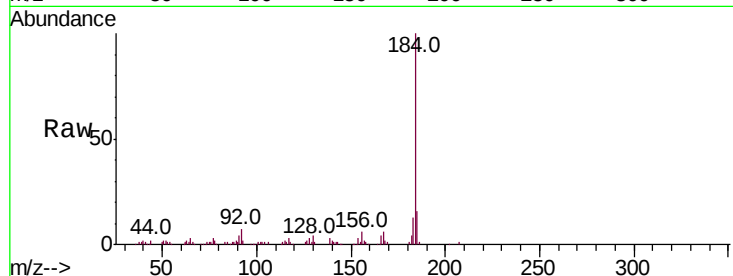
ClientSampleId :

PB115103BSD

Tot Ion:	184	Resp:	114015
Ion Ratio	Lower	Upper	
184	100		
185	16.0	12.6	18.8
183	12.7	10.2	15.2

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#78

Pyrene

Concen: 38.754 ng

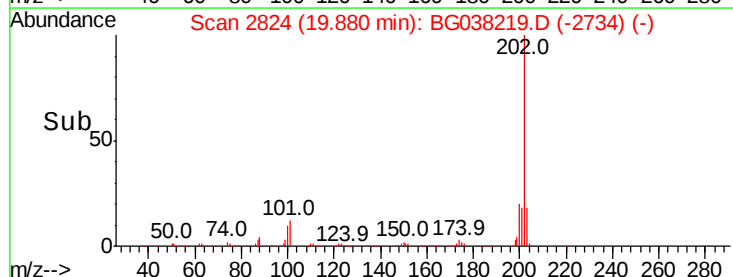
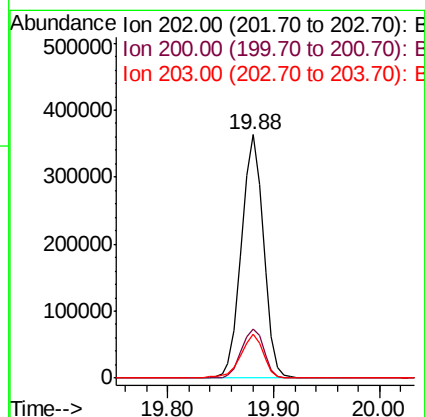
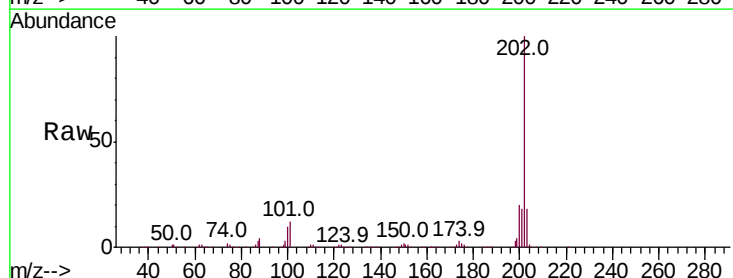
RT: 19.88 min Scan# 2824

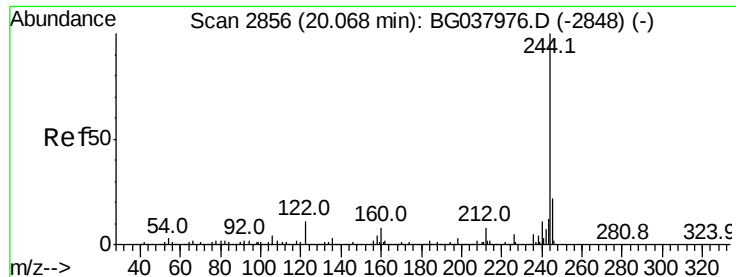
Delta R.T. -0.00 min

Lab File: BG038219.D

Acq: 29 Nov 2018 3:46

Tgt Ion:	202	Resp:	523305
Ion Ratio	Lower	Upper	
202	100		
200	20.4	17.8	26.6
203	18.1	15.2	22.8





#79

Terphenyl-d14

Concen: 83.407 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG038219.D

Acq: 29 Nov 2018 3:46

Instrument :

BNA_G

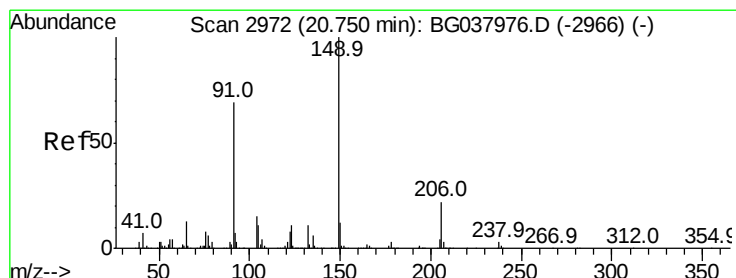
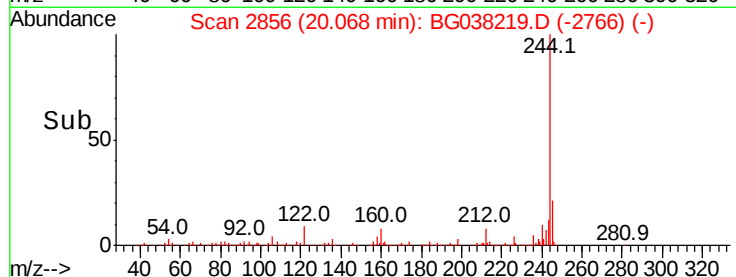
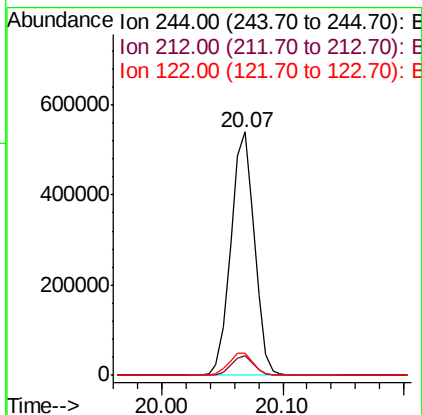
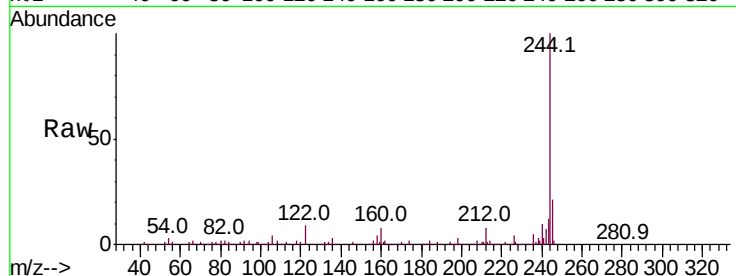
ClientSampleId :

PB115103BSD

Tot Ion:	244	Resp:	732091
Ion Ratio	Lower	Upper	
244	100		
212	7.9	6.5	9.7
122	9.4	9.0	13.4

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#80

Butylbenzylphthalate

Concen: 38.251 ng

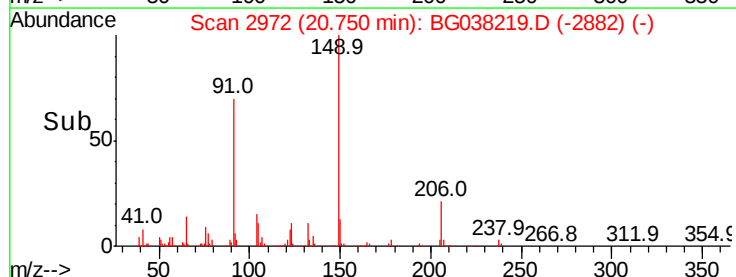
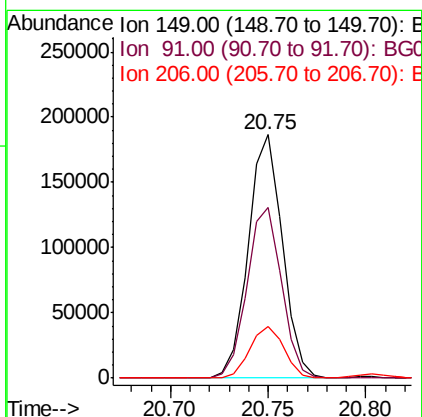
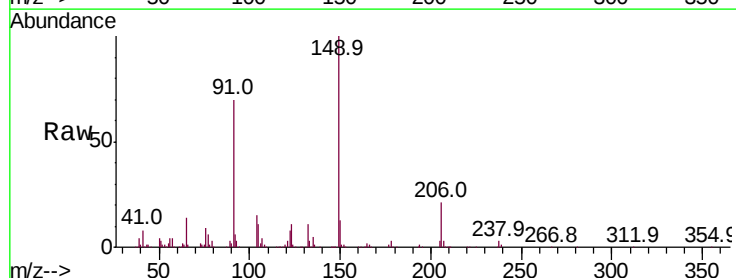
RT: 20.75 min Scan# 2972

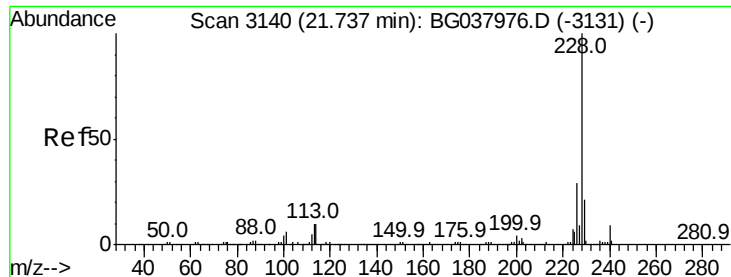
Delta R.T. -0.00 min

Lab File: BG038219.D

Acq: 29 Nov 2018 3:46

Tgt Ion:	149	Resp:	225876
Ion Ratio	Lower	Upper	
149	100		
91	69.9	57.0	85.4
206	21.0	17.8	26.6





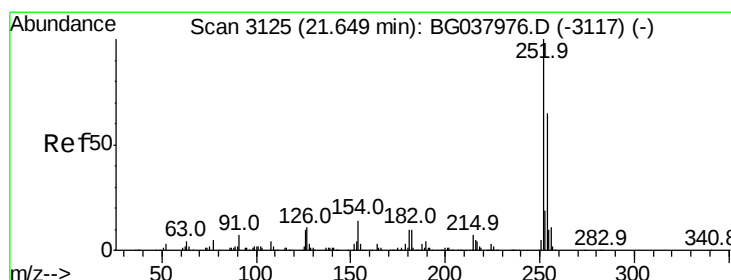
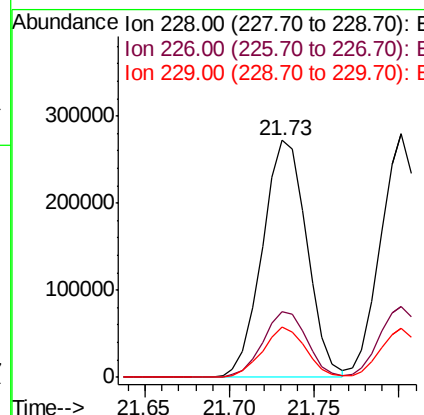
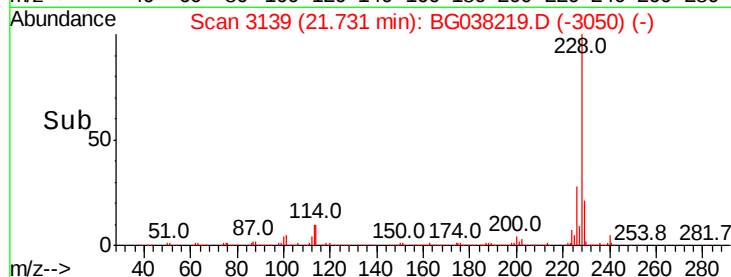
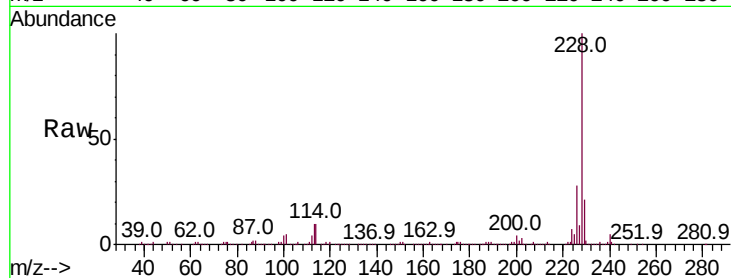
#81
Benzo(a)anthracene
Concen: 39.697 ng
RT: 21.73 min Scan# 3139
Delta R.T. -0.01 min
Lab File: BG038219.D
Acq: 29 Nov 2018 3:46

Instrument :
BNA_G
ClientSampleId :
PB115103BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	33.8
229	21.3	16.3	24.5

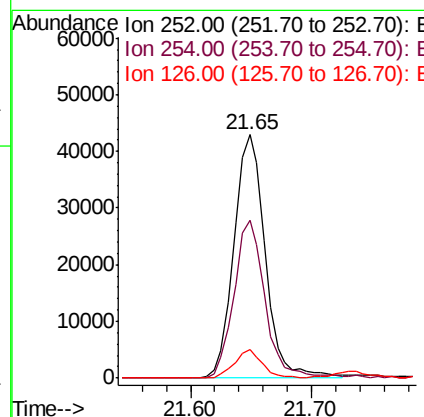
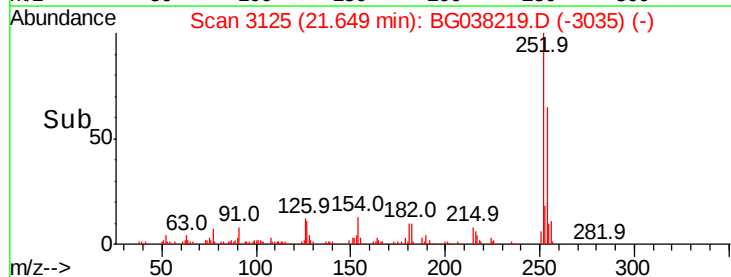
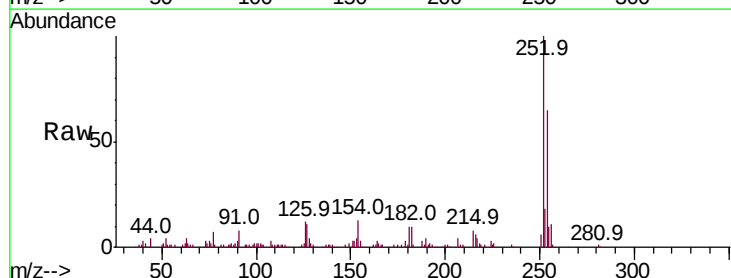
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#82
3,3'-Dichlorobenzidine
Concen: 15.932 ng
RT: 21.65 min Scan# 3125
Delta R.T. -0.00 min
Lab File: BG038219.D
Acq: 29 Nov 2018 3:46

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.8	52.0	78.0
126	11.9	8.2	12.4





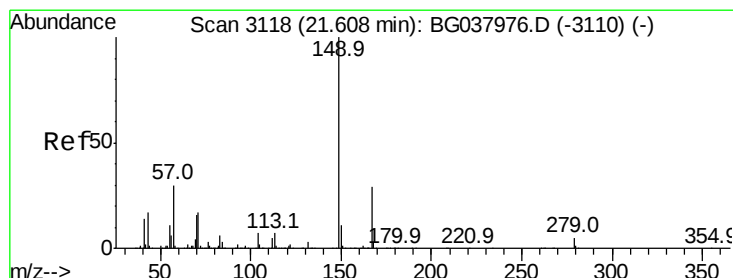
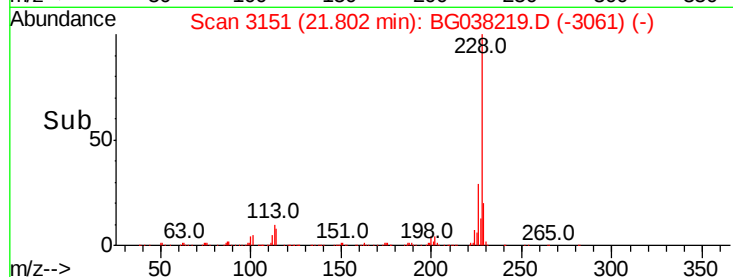
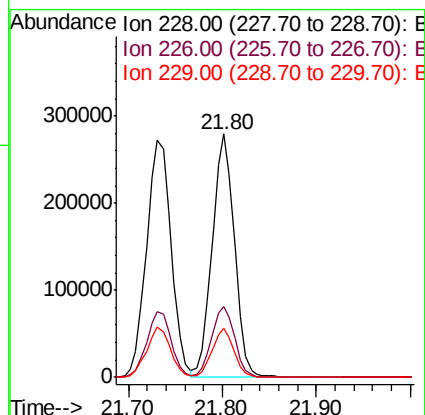
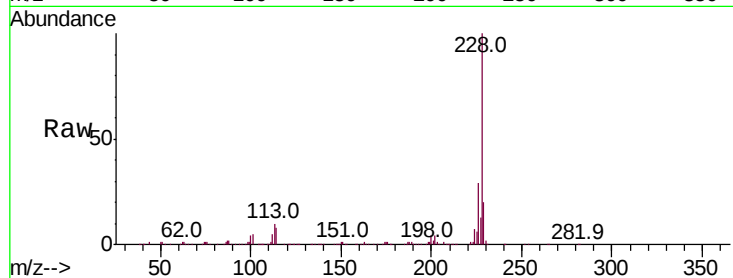
#83
Chrysene
Concen: 38.885 ng
RT: 21.80 min Scan# 3151
Delta R.T. -0.00 min
Lab File: BG038219.D
Acq: 29 Nov 2018 3:46

Instrument :
BNA_G
ClientSampleId :
PB115103BSD

Tot Ion:	228	Resp:	464344
Ion Ratio	Lower	Upper	
228	100		
226	29.3	25.7	38.5
229	20.0	16.5	24.7

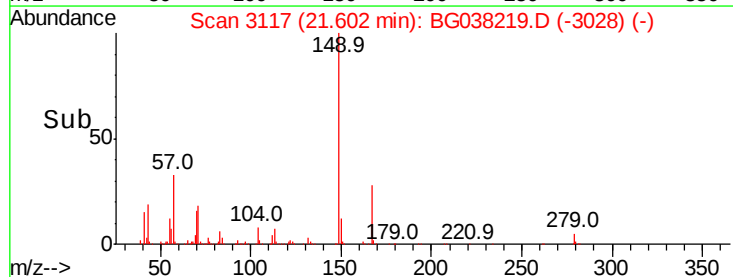
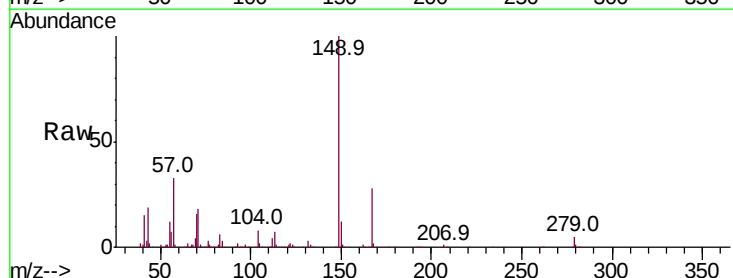
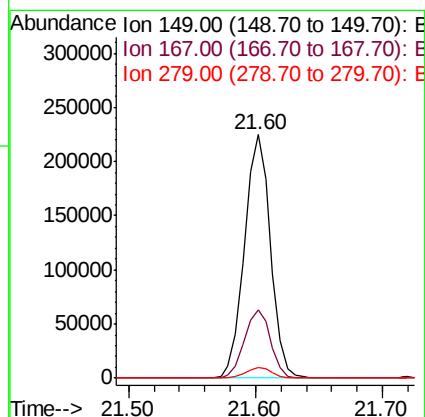
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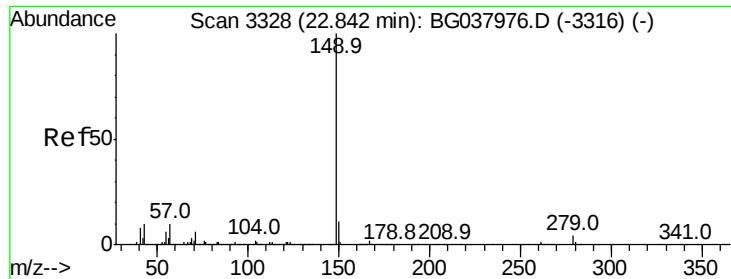
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 37.957 ng
RT: 21.60 min Scan# 3117
Delta R.T. -0.01 min
Lab File: BG038219.D
Acq: 29 Nov 2018 3:46

Tgt Ion:	149	Resp:	319651
Ion Ratio	Lower	Upper	
149	100		
167	28.1	23.0	34.4
279	4.5	3.6	5.4





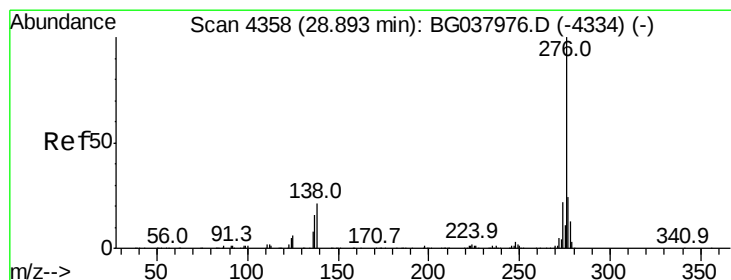
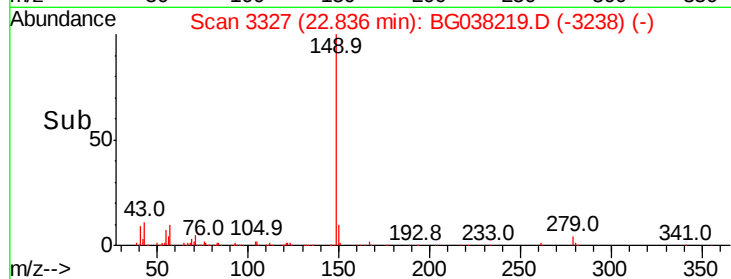
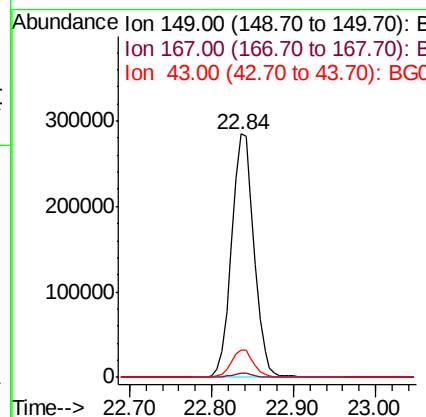
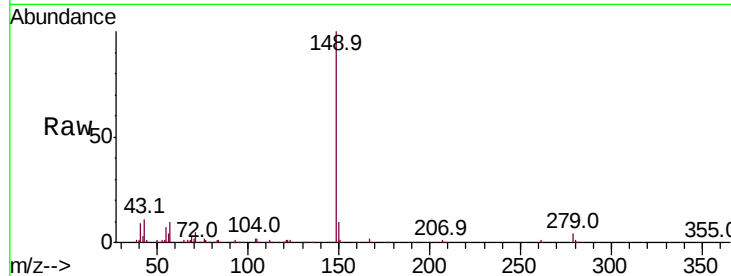
#85
Di-n-octyl phthalate
Concen: 39.945 ng
RT: 22.84 min Scan# 3327
Delta R.T. -0.01 min
Lab File: BG038219.D
Acq: 29 Nov 2018 3:46

Instrument :
BNA_G
ClientSampleId :
PB115103BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	544209		
167	1.7		1.3	1.9
43	11.4		8.7	13.1

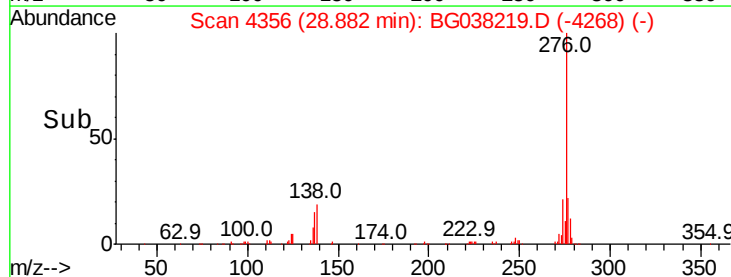
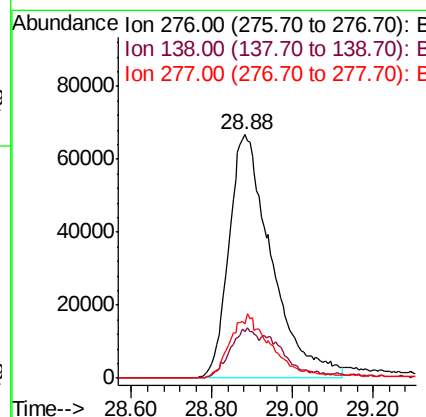
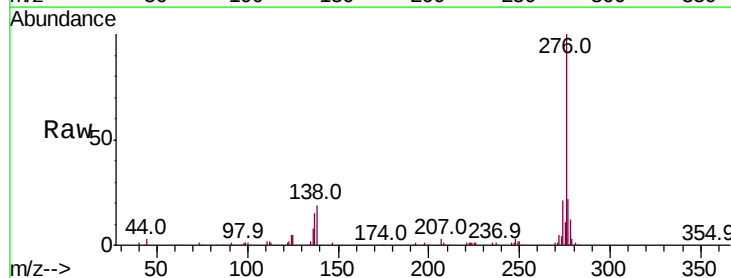
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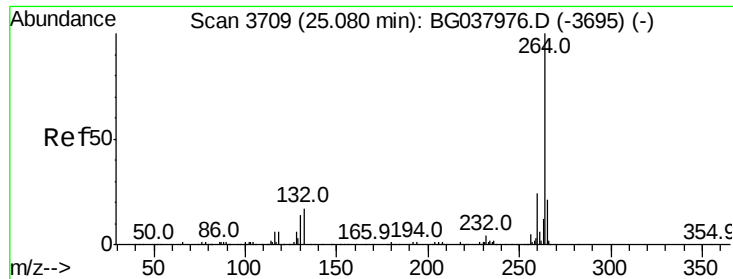
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 36.941 ng
RT: 28.88 min Scan# 4356
Delta R.T. -0.01 min
Lab File: BG038219.D
Acq: 29 Nov 2018 3:46

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	489934		
138	12.9		12.0	18.0
277	25.1		20.6	30.8





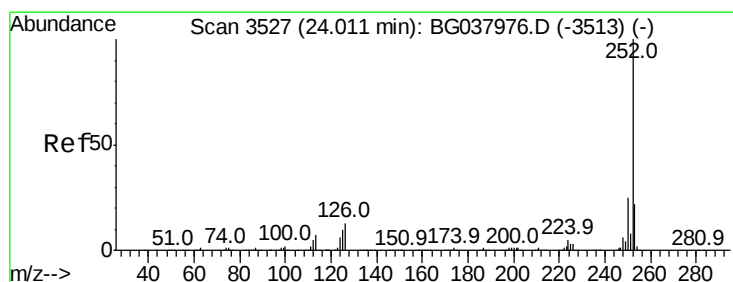
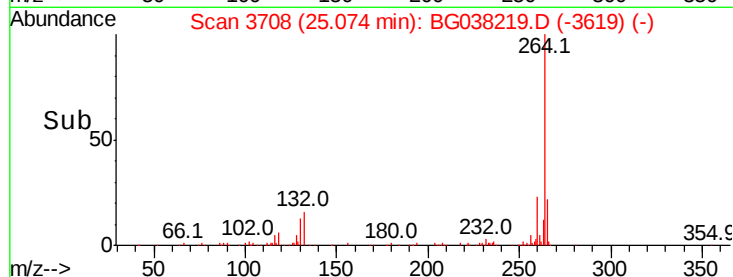
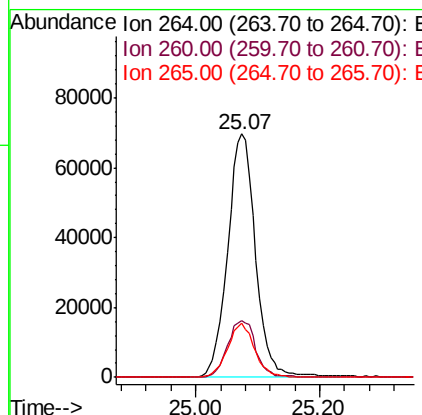
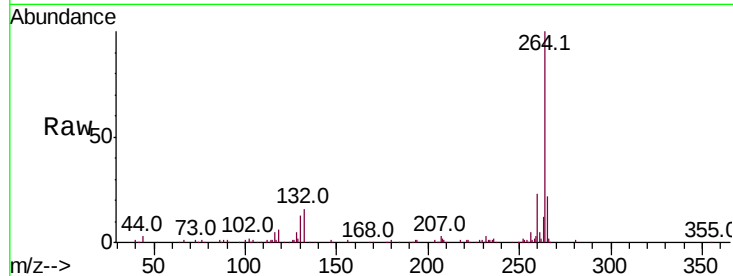
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.07 min Scan# 3708
Delta R.T. -0.01 min
Lab File: BG038219.D
Acq: 29 Nov 2018 3:46

Instrument :
BNA_G
ClientSampleId :
PB115103BSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.2	27.4
265	22.3	17.9	26.9

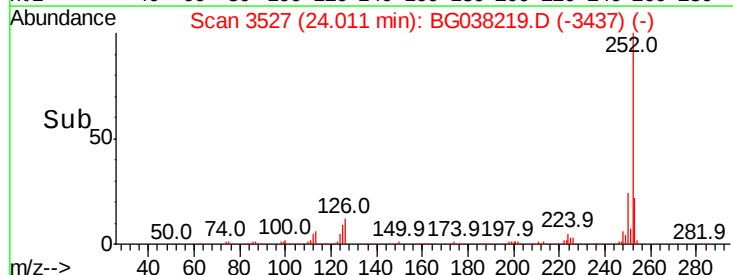
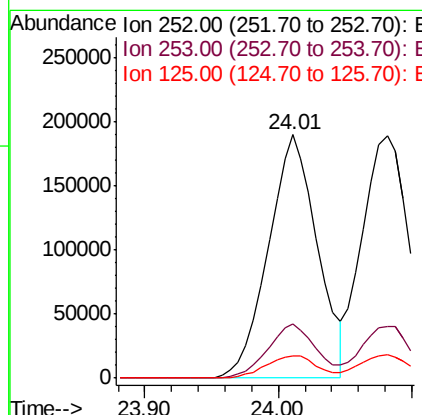
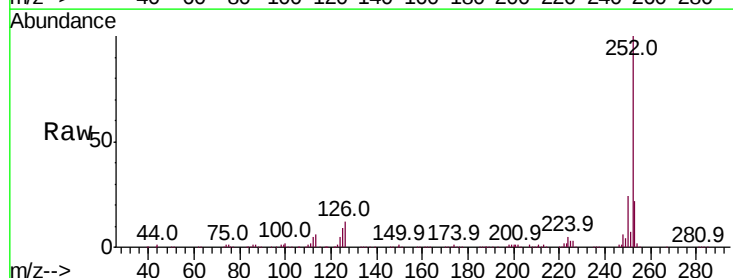
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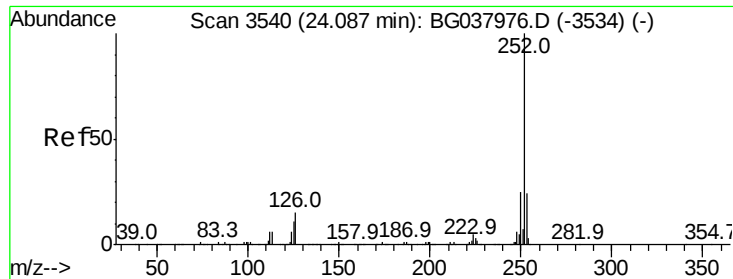
mohammad
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#88
Benzo(b)fluoranthene
Concen: 40.159 ng
RT: 24.01 min Scan# 3527
Delta R.T. -0.00 min
Lab File: BG038219.D
Acq: 29 Nov 2018 3:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.2
125	9.1	7.8	11.6





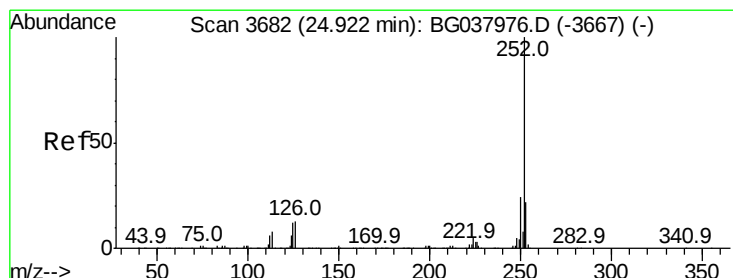
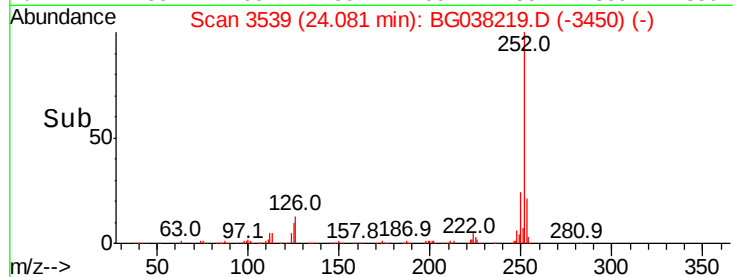
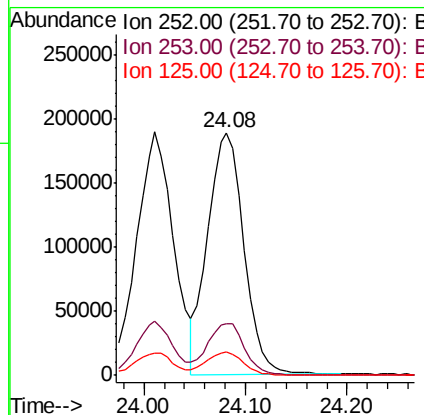
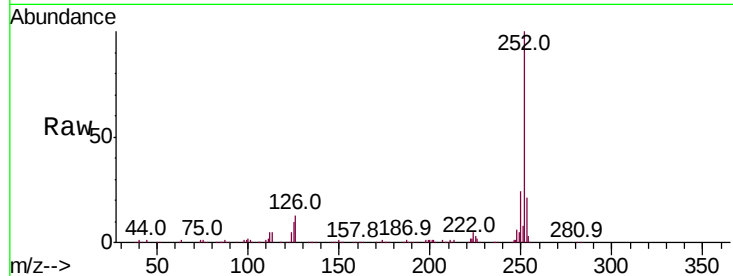
#89
Benzo(k)fluoranthene
Concen: 39.353 ng
RT: 24.08 min Scan# 3539
Delta R.T. -0.01 min
Lab File: BG038219.D
Acq: 29 Nov 2018 3:46

Instrument :
BNA_G
ClientSampleId :
PB115103BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.4	26.2
125	9.9	7.4	11.0

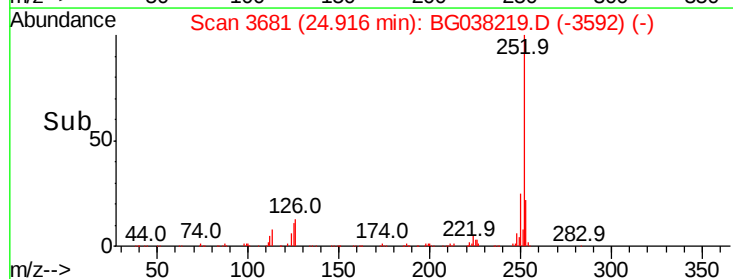
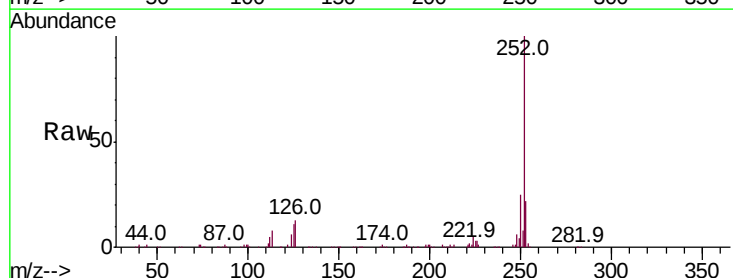
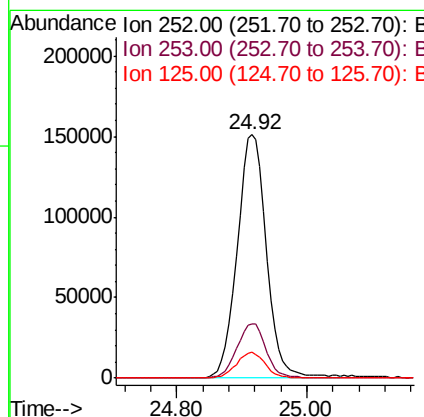
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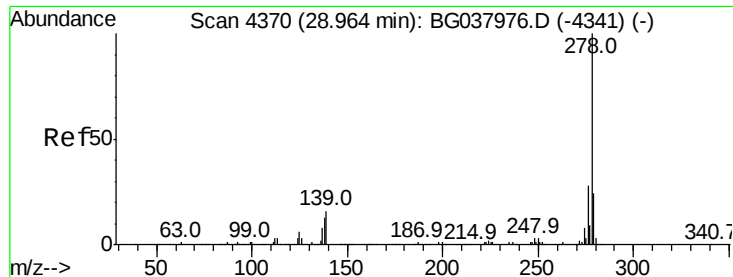
mohammad
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#90
Benzo(a)pyrene
Concen: 40.983 ng
RT: 24.92 min Scan# 3681
Delta R.T. -0.01 min
Lab File: BG038219.D
Acq: 29 Nov 2018 3:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.2
125	10.5	9.0	13.6





#91

Dibenzo(a,h)anthracene

Concen: 34.432 ng

RT: 28.95 min Scan# 4367

Delta R.T. -0.02 min

Lab File: BG038219.D

Acq: 29 Nov 2018 3:46

Instrument :

BNA_G

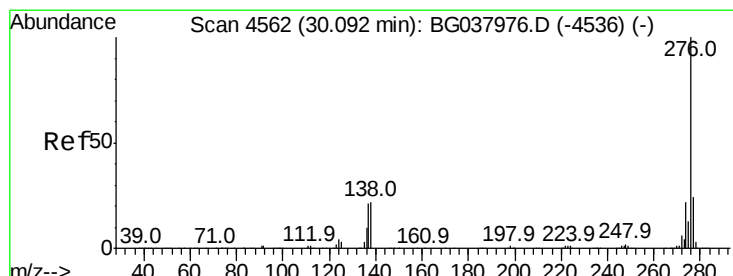
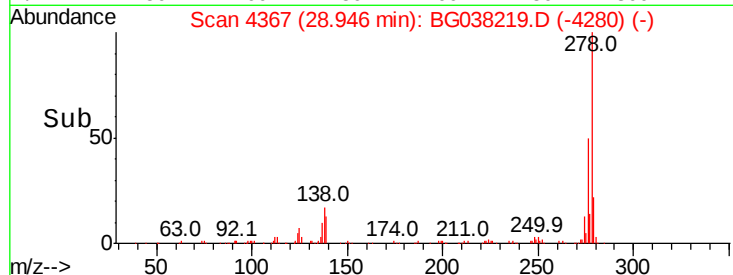
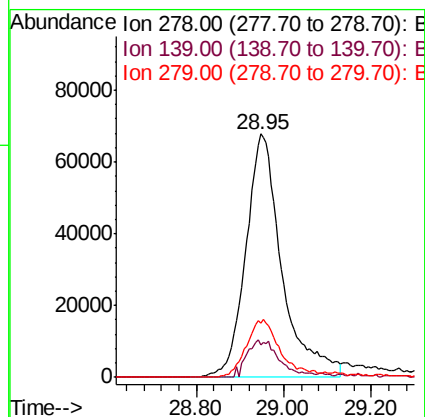
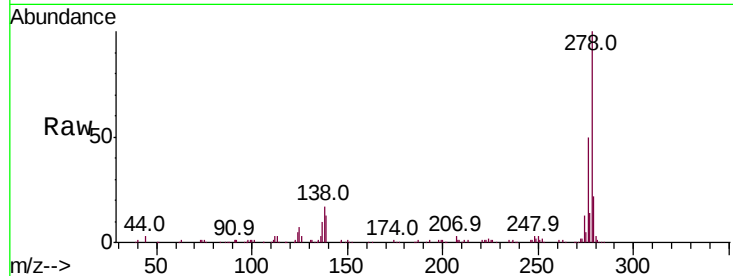
ClientSampleId :

PB115103BSD

Tot Ion:	278	Resp:	380174
Ion Ratio	Lower	Upper	
278	100		
139	13.3	11.5	17.3
279	22.2	18.6	27.8

Manual Integrations
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#92

Benzo(g,h,i)perylene

Concen: 35.933 ng

RT: 30.09 min Scan# 4561

Delta R.T. -0.01 min

Lab File: BG038219.D

Acq: 29 Nov 2018 3:46

Tgt Ion:	276	Resp:	394494
Ion Ratio	Lower	Upper	
276	100		
277	23.1	18.9	28.3
138	19.2	17.2	25.8

