

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110718\
 Data File : BG037880.D
 Acq On : 8 Nov 2018 1:12
 Operator : JU/SJ
 Sample : PB114465BSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114465BSD

Manual Integrations
 APPROVED

Sohil
 11/9/2018 1:37:07 PM

Quant Time: Nov 08 15:43:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	56207	20.00	ng	-0.02
21) Naphthalene-d8	10.92	136	239921	20.00	ng	-0.01
39) Acenaphthene-d10	14.73	164	157026	20.00	ng	-0.01
64) Phenanthrene-d10	17.47	188	360232	20.00	ng	-0.01
76) Chrysene-d12	21.76	240	316571	20.00	ng	-0.02
87) Perylene-d12	25.08	264	320855	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	282056	83.90	ng	-0.01
7) Phenol-d6	7.24	99	402217	79.12	ng	-0.01
23) Nitrobenzene-d5	9.27	82	351711	82.12	ng	-0.01
42) 2,4,6-Tribromophenol	16.22	330	144351	84.28	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	840509	80.72	ng	-0.02
79) Terphenyl-d14	20.07	244	1206429	81.43	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	40248	23.607	ng	99
3) Pyridine	3.93	79	119418	27.790	ng	95
4) n-Nitrosodimethylamine	3.84	42	52820	34.509	ng	90
6) Aniline	7.42	93	114593	18.477	ng	98
8) 2-Chlorophenol	7.65	128	150165	38.181	ng	97
9) Benzaldehyde	7.23	77	95612	30.066	ng	94
10) Phenol	7.27	94	202662	37.783	ng	95
11) bis(2-Chloroethyl)ether	7.51	93	136312	33.460	ng	97
12) 1,3-Dichlorobenzene	7.98	146	147149	33.607	ng	98
13) 1,4-Dichlorobenzene	8.13	146	152256	33.995	ng	96
14) 1,2-Dichlorobenzene	8.45	146	142788	33.142	ng	97
15) Benzyl Alcohol	8.33	79	131179	34.922	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.61	45	246658	33.838	ng	97
17) 2-Methylphenol	8.53	107	135778	38.289	ng	100
18) Hexachloroethane	9.17	117	53573	35.086	ng	96
19) n-Nitroso-di-n-propylamine	8.90	70	110350	31.522	ng	94
20) 3+4-Methylphenols	8.85	107	188922	37.263	ng	99
22) Acetophenone	8.93	105	215758	35.857	ng	# 95
24) Nitrobenzene	9.31	77	166172	37.348	ng	96
25) Isophorone	9.82	82	317691	40.597	ng	99
26) 2-Nitrophenol	10.02	139	84787	42.302	ng	99
27) 2,4-Dimethylphenol	10.07	122	160485	44.844	ng	99
28) bis(2-Chloroethoxy)methane	10.31	93	198608	38.737	ng	100
29) 2,4-Dichlorophenol	10.55	162	164568	41.301	ng	98
30) 1,2,4-Trichlorobenzene	10.77	180	160464	37.032	ng	97
31) Naphthalene	10.96	128	472000	40.053	ng	99
32) Benzoic acid	10.19	122	82828	35.634	ng	96
33) 4-Chloroaniline	11.08	127	82447	14.890	ng	96
34) Hexachlorobutadiene	11.22	225	95796	37.302	ng	98
35) Caprolactam	11.86	113	58118m	36.368	ng	
36) 4-Chloro-3-methylphenol	12.18	107	176686	39.319	ng	99
37) 2-Methylnaphthalene	12.56	142	360167	41.927	ng	100
38) 1-Methylnaphthalene	12.78	142	341837	40.976	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	191397	37.789	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	230813	95.401	ng	99
43) 2,4,6-Trichlorophenol	13.16	196	139549	41.240	ng	98
44) 2,4,5-Trichlorophenol	13.23	196	150585	40.873	ng	99
46) 1,1'-Biphenyl	13.56	154	469932	36.136	ng	99
47) 2-Chloronaphthalene	13.61	162	373251	37.938	ng	99
48) 2-Nitroaniline	13.82	65	121889	40.854	ng	93
49) Acenaphthylene	14.45	152	615655	41.599	ng	100
50) Dimethylphthalate	14.18	163	475283	39.125	ng	99
51) 2,6-Dinitrotoluene	14.31	165	109426	40.719	ng	93
52) Acenaphthene	14.79	154	361592	39.671	ng	98
53) 3-Nitroaniline	14.64	138	79190	26.544	ng	# 92
54) 2,4-Dinitrophenol	14.84	184	57868	58.952	ng	97
55) Dibenzofuran	15.12	168	574638	38.052	ng	99
56) 4-Nitrophenol	14.94	139	222783	100.887	ng	99
57) 2,4-Dinitrotoluene	15.09	165	155763	44.156	ng	95
58) Fluorene	15.78	166	468456	41.424	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.35	232	130395	41.337	ng	99
60) Diethylphthalate	15.53	149	485319	38.914	ng	99
61) 4-Chlorophenyl-phenylether	15.76	204	248842	37.752	ng	97
62) 4-Nitroaniline	15.81	138	114675	38.684	ng	90
63) Azobenzene	16.05	77	458966	38.571	ng	99
65) 4,6-Dinitro-2-methylphenol	15.85	198	65890	37.186	ng	97
66) n-Nitrosodiphenylamine	15.98	169	421673	38.915	ng	98
67) 4-Bromophenyl-phenylether	16.66	248	154351	39.018	ng	99
68) Hexachlorobenzene	16.77	284	154750	37.744	ng	96
69) Atrazine	16.92	200	156231	39.878	ng	98
70) Pentachlorophenol	17.12	266	165063	60.104	ng	98
71) Phenanthrene	17.52	178	751531	41.049	ng	100
72) Anthracene	17.61	178	763847	42.514	ng	99
73) Carbazole	17.88	167	688988	38.336	ng	99
74) Di-n-butylphthalate	18.41	149	820197	41.025	ng	99
75) Fluoranthene	19.52	202	867251	41.765	ng	99
77) Benzidine	19.71	184	273781	25.434	ng	99
78) Pyrene	19.88	202	860882	41.599	ng	99
80) Butylbenzylphthalate	20.75	149	369625	43.642	ng	98
81) Benzo(a)anthracene	21.74	228	805834	43.035	ng	98
82) 3,3'-Dichlorobenzidine	21.65	252	173848	23.953	ng	99
83) Chrysene	21.80	228	755274	41.947	ng	99
84) Bis(2-ethylhexyl)phthalate	21.61	149	519749	43.780	ng	98
85) Di-n-octyl phthalate	22.85	149	878948	45.403	ng	97
86) Indeno(1,2,3-cd)pyrene	28.90	276	715339	37.041	ng	# 90
88) Benzo(b)fluoranthene	24.02	252	766018	43.547	ng	99
89) Benzo(k)fluoranthene	24.09	252	768222	44.576	ng	97
90) Benzo(a)pyrene	24.93	252	739540	44.244	ng	98
91) Dibenzo(a,h)anthracene	28.96	278	573338	37.185	ng	98
92) Benzo(g,h,i)perylene	30.10	276	612990	39.297	ng	99

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

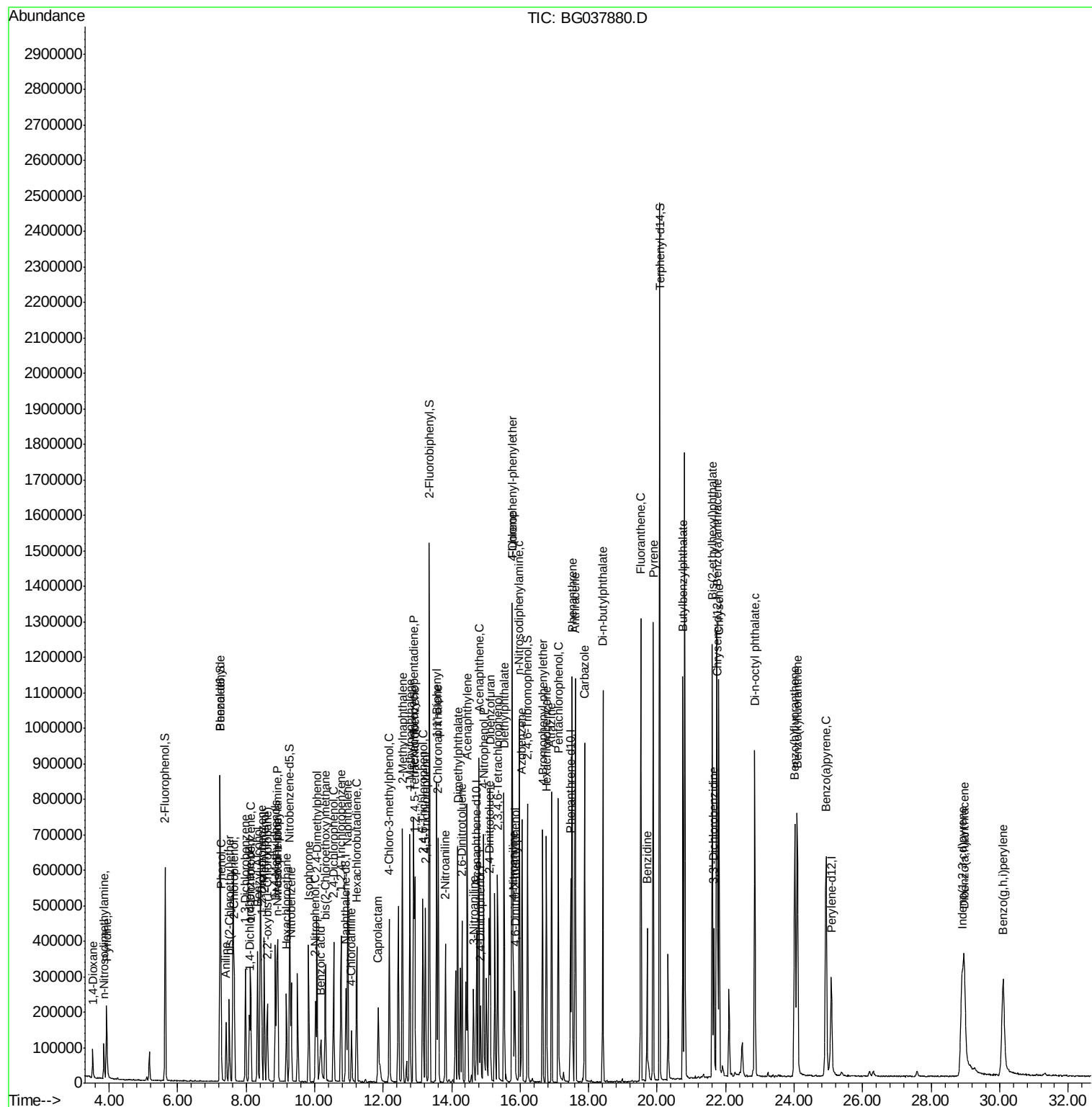
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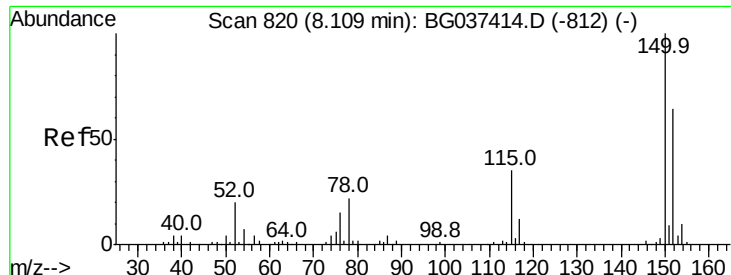
Instrument :
 BNA_G
 ClientSampled :
 PB114465BSD

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#1

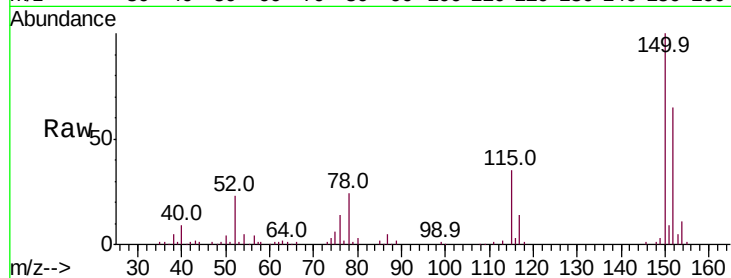
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.02 min
Lab File: BG037880.D
Acq: 8 Nov 2018 1:12

Instrument :
BNA_G
ClientSampleId :
PB114465BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	126.0	189.0
115	53.7	45.5	68.3

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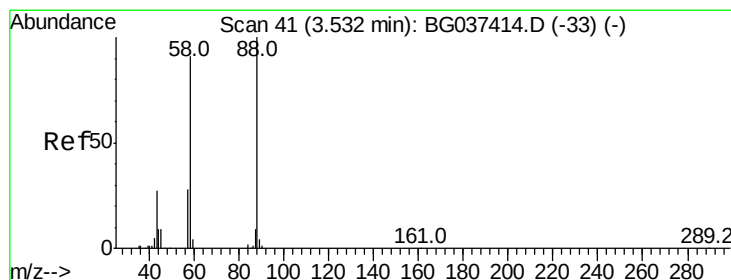
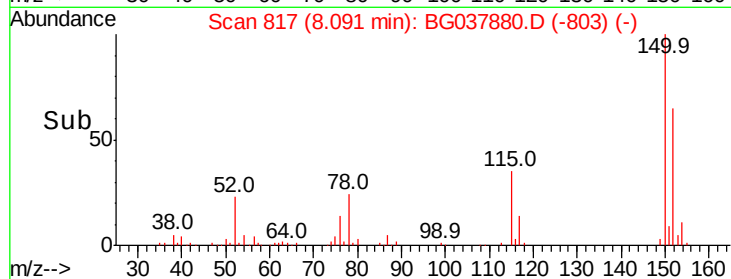
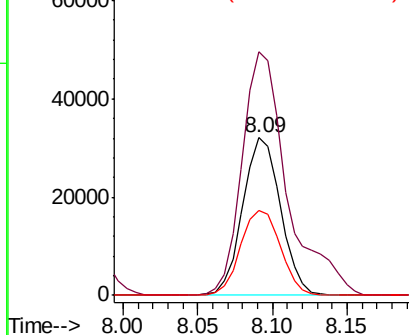


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

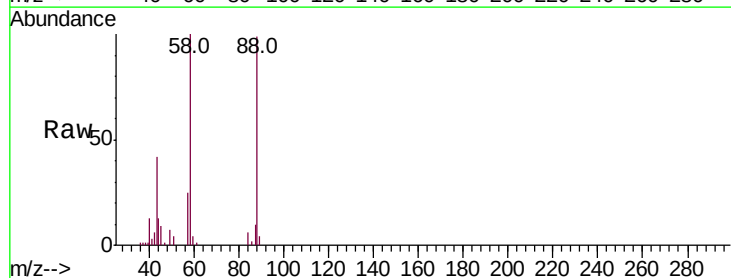
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 23.607 ng
RT: 3.52 min Scan# 39
Delta R.T. -0.01 min
Lab File: BG037880.D
Acq: 8 Nov 2018 1:12

Tgt Ion	Ratio	Lower	Upper
88	100		
58	92.4	74.4	111.6
43	33.8	25.8	38.8

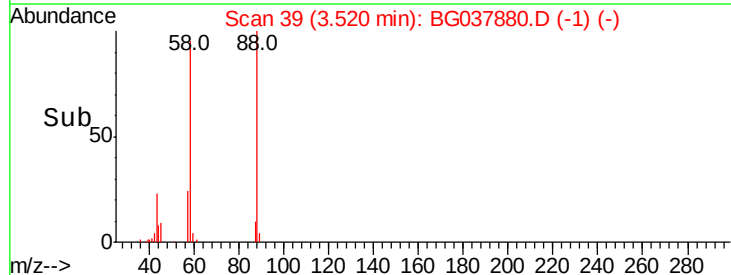
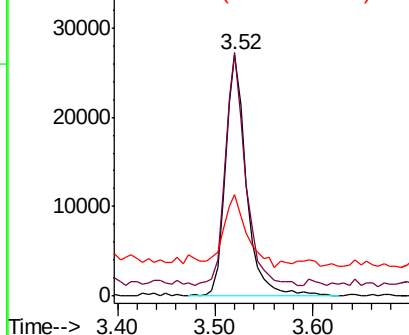


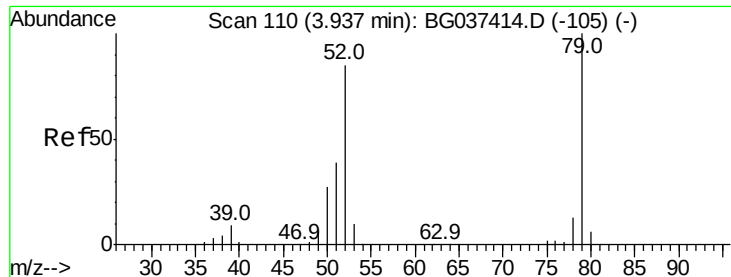
Abundance

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: 27.790 ng

RT: 3.93 min Scan# 108

Delta R.T. -0.01 min

Lab File: BG037880.D

Acq: 8 Nov 2018 1:12

Instrument :

BNA_G

ClientSampleId :

PB114465BSD

Tot Ion: 79 Resp: 119418

Ion Ratio Lower Upper

79 100

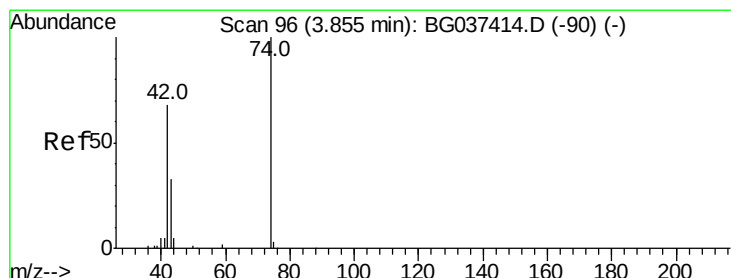
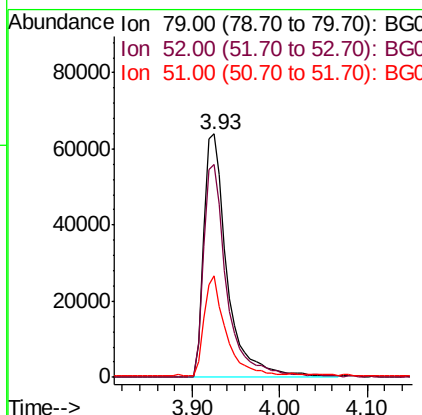
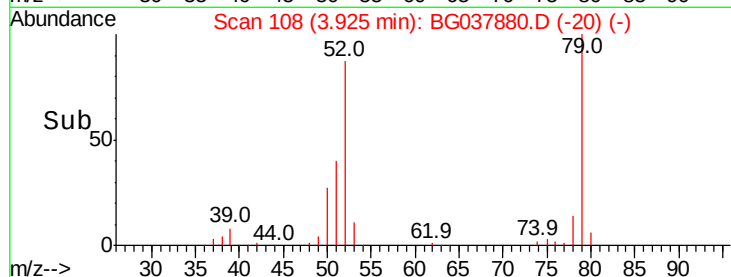
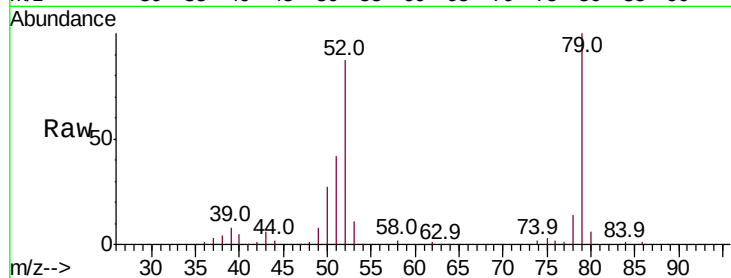
52 87.3 74.2 111.2

51 41.8 34.6 51.8

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#4

n-Nitrosodimethylamine

Concen: 34.509 ng

RT: 3.84 min Scan# 94

Delta R.T. -0.01 min

Lab File: BG037880.D

Acq: 8 Nov 2018 1:12

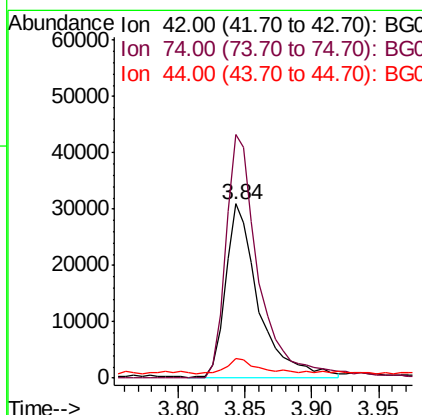
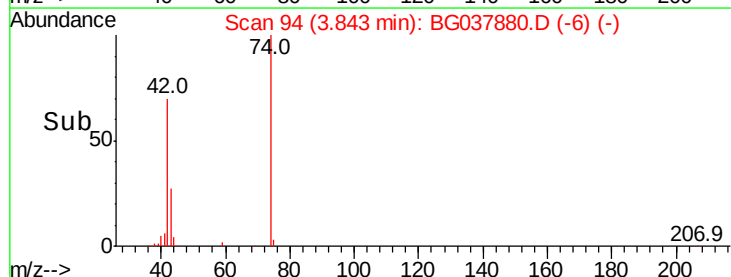
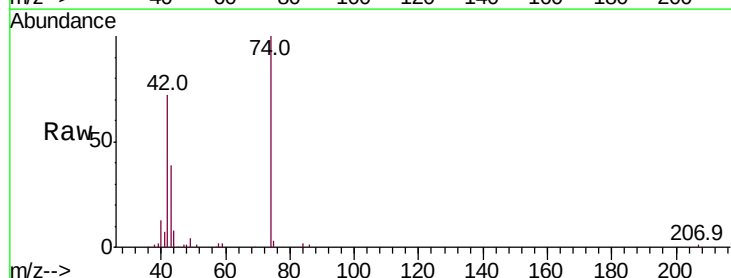
Tgt Ion: 42 Resp: 52820

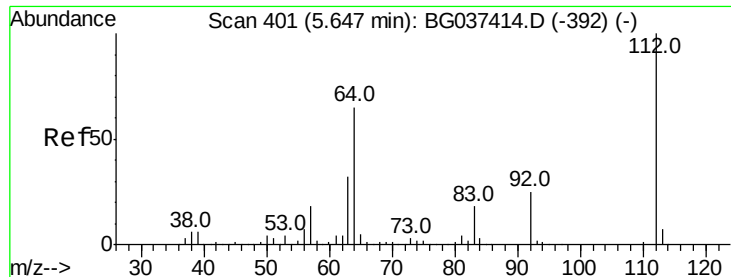
Ion Ratio Lower Upper

42 100

74 139.6 102.0 153.0

44 10.9 9.6 14.4





#5

2-Fluorophenol

Concen: 83.896 ng

RT: 5.64 min Scan# 399

Delta R.T. -0.01 min

Lab File: BG037880.D

Acq: 8 Nov 2018 1:12

Instrument :

BNA_G

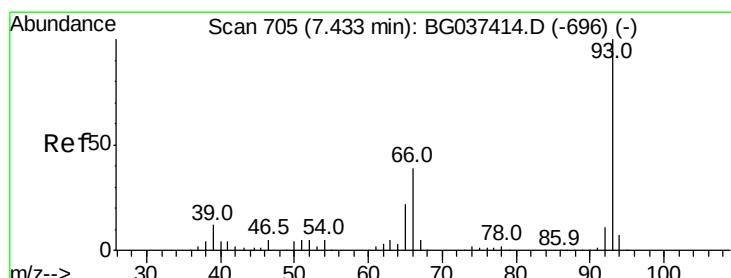
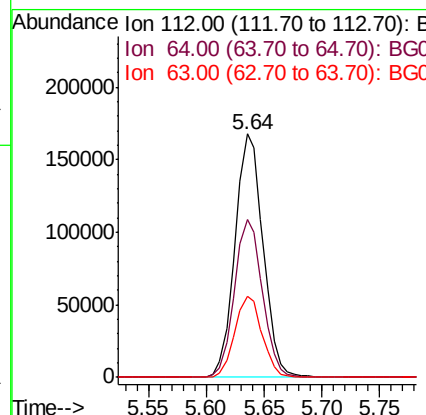
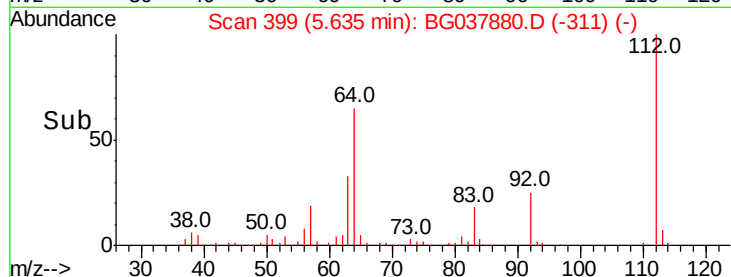
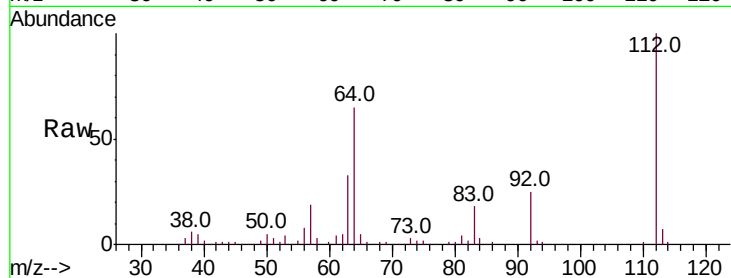
ClientSampleId :

PB114465BSD

Tot Ion:	112	Resp:	282056
Ion Ratio	Lower	Upper	
112	100		
64	64.7	53.1	79.7
63	33.4	27.3	40.9

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#6

Aniline

Concen: 18.477 ng

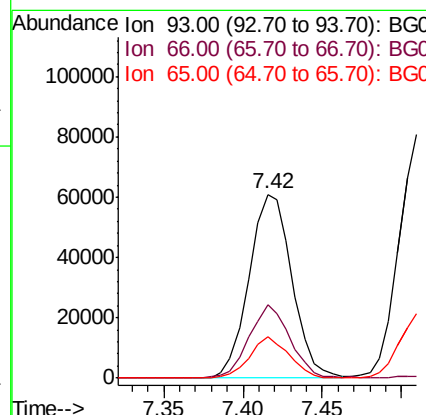
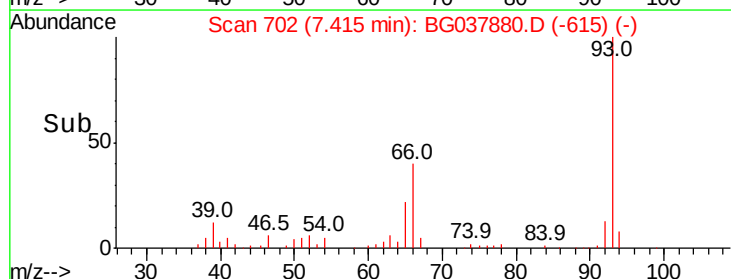
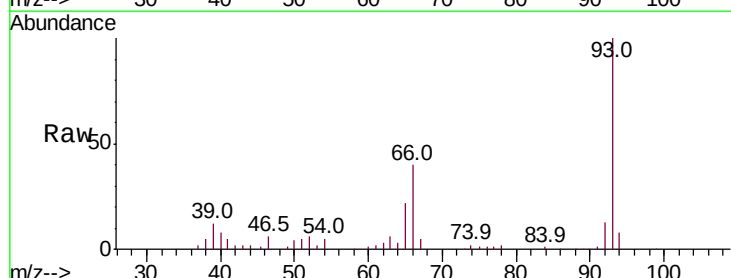
RT: 7.42 min Scan# 702

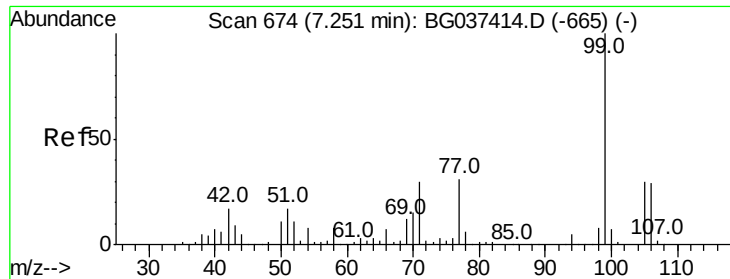
Delta R.T. -0.02 min

Lab File: BG037880.D

Acq: 8 Nov 2018 1:12

Tgt Ion:	93	Resp:	114593
Ion Ratio	Lower	Upper	
93	100		
66	40.0	32.8	49.2
65	22.3	16.4	24.6





#7

Phenol-d6

Concen: 79.119 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037880.D

Acq: 8 Nov 2018 1:12

Instrument :

BNA_G

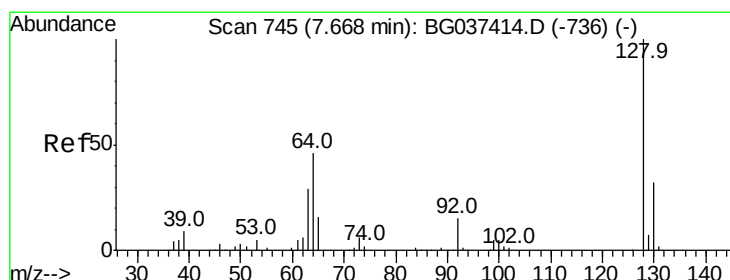
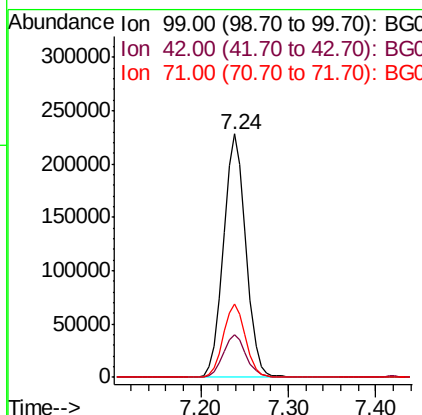
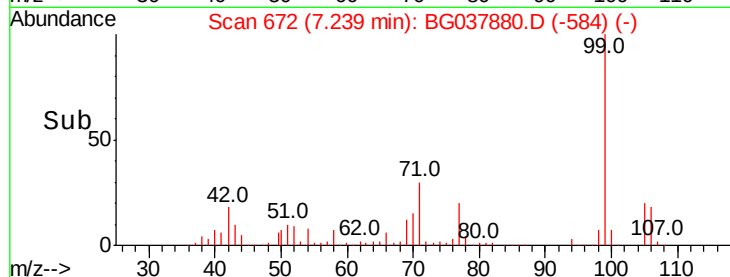
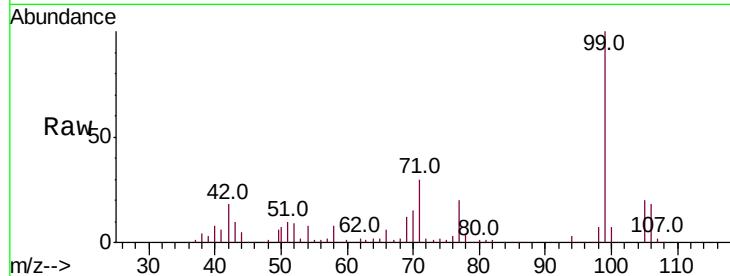
ClientSampleId :

PB114465BSD

Tot Ion:	99	Resp:	402217
Ion Ratio	Lower	Upper	
99	100		
42	17.7	15.0	22.4
71	30.2	25.5	38.3

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#8

2-Chlorophenol

Concen: 38.181 ng

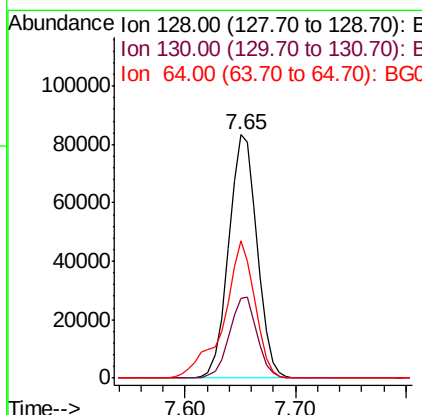
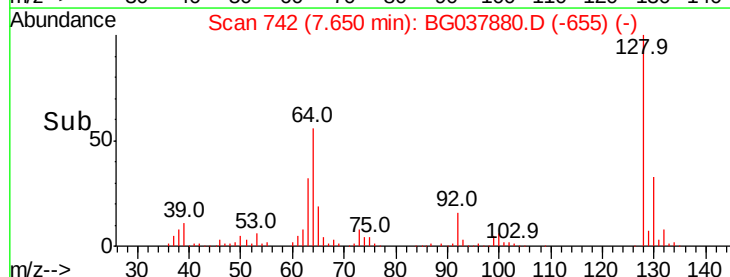
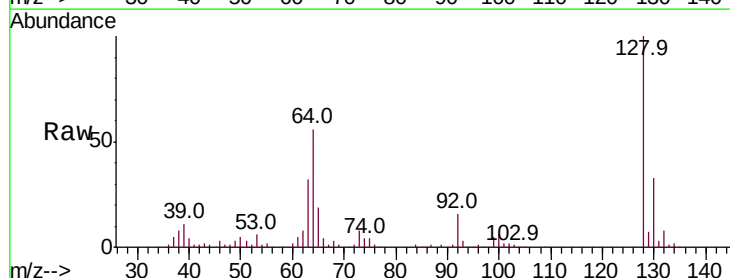
RT: 7.65 min Scan# 742

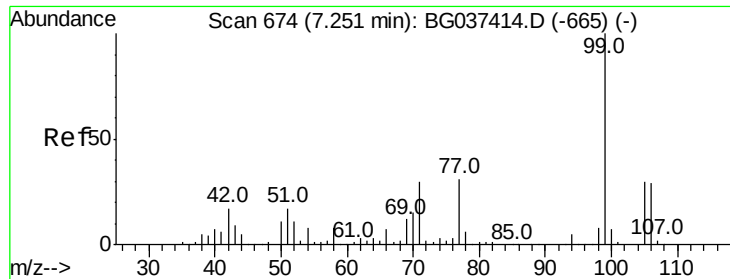
Delta R.T. -0.02 min

Lab File: BG037880.D

Acq: 8 Nov 2018 1:12

Tgt Ion:	128	Resp:	150165
Ion Ratio	Lower	Upper	
128	100		
130	32.6	12.0	52.0
64	56.3	32.9	72.9





#9

Benzaldehyde

Concen: 30.066 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.02 min

Lab File: BG037880.D

Acq: 8 Nov 2018 1:12

Instrument :

BNA_G

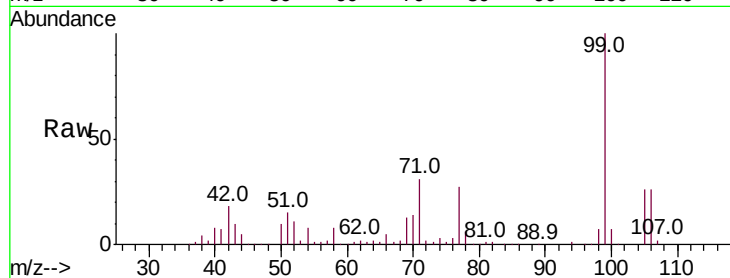
ClientSampleId :

PB114465BSD

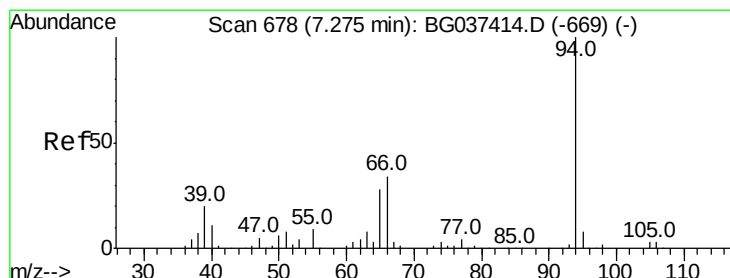
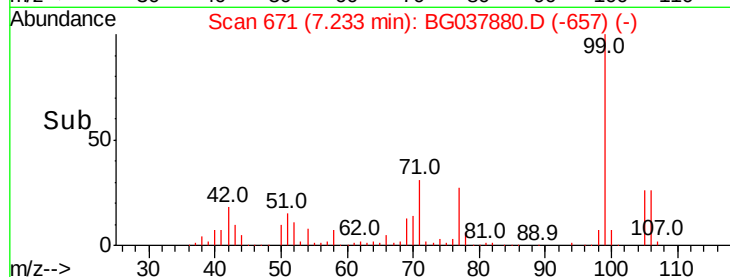
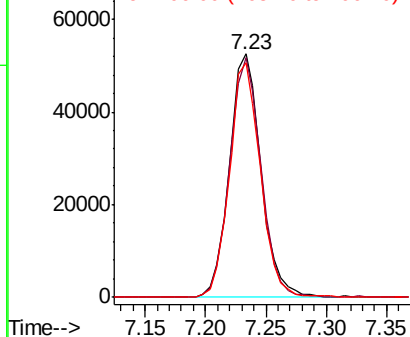
Tot Ion:	77	Resp:	95612
Ion Ratio	Lower	Upper	
77	100		
105	98.6	72.6	112.6
106	96.2	71.3	111.3

Manual Integrations
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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: 37.783 ng

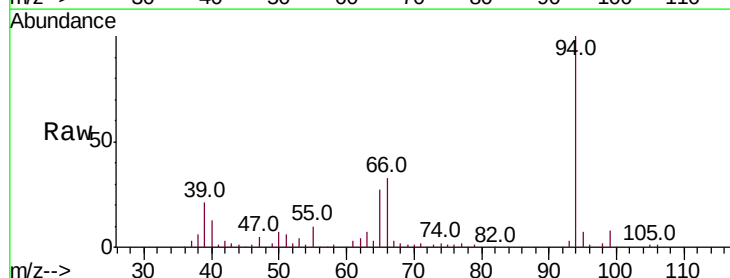
RT: 7.27 min Scan# 677

Delta R.T. -0.01 min

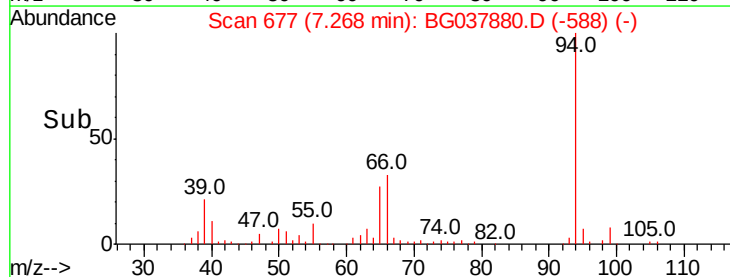
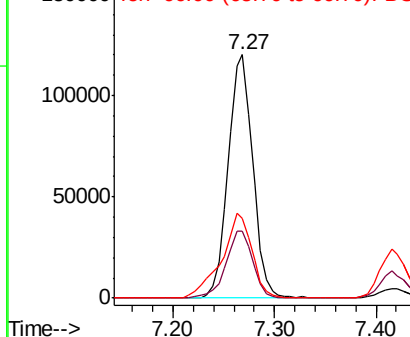
Lab File: BG037880.D

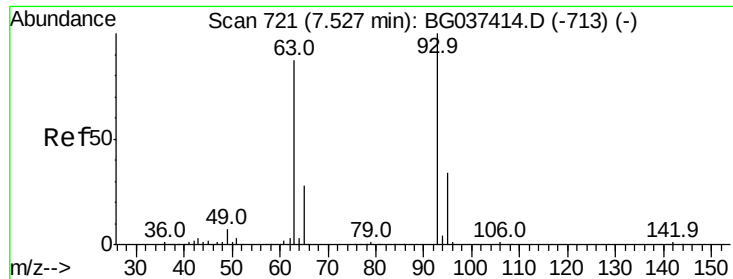
Acq: 8 Nov 2018 1:12

Tgt Ion:	94	Resp:	202662
Ion Ratio	Lower	Upper	
94	100		
65	27.4	9.7	49.7
66	32.7	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

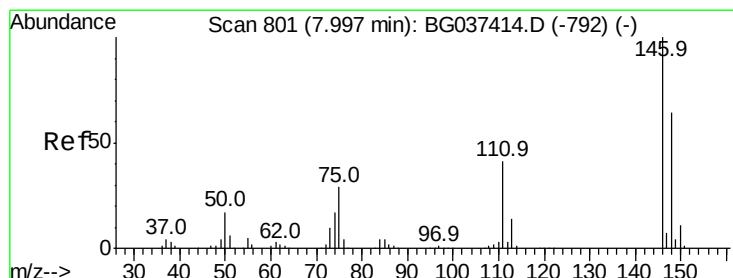
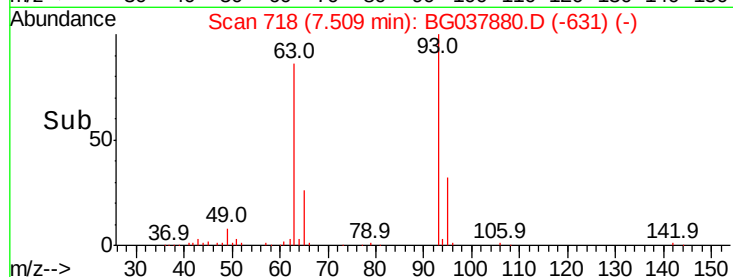
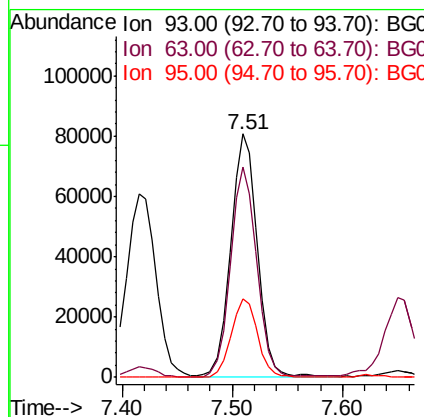
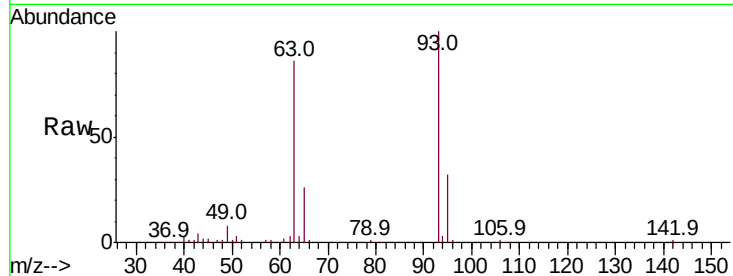
bis(2-Chloroethyl)ether
Concen: 33.460 ng
RT: 7.51 min Scan# 718
Delta R.T. -0.02 min
Lab File: BG037880.D
Acq: 8 Nov 2018 1:12

Instrument :
BNA_G
ClientSampleId :
PB114465BSD

Tot Ion:	93	Resp:	136312
Ion Ratio	Lower	Upper	
93	100		
63	86.2	69.5	109.5
95	32.0	12.6	52.6

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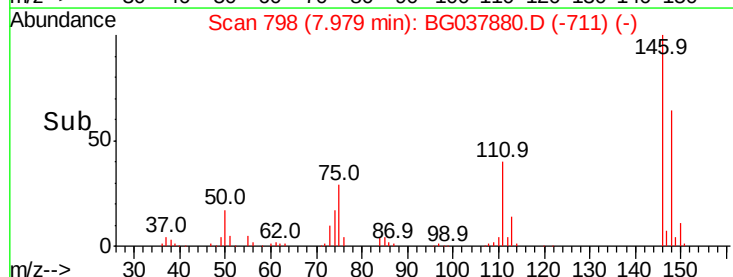
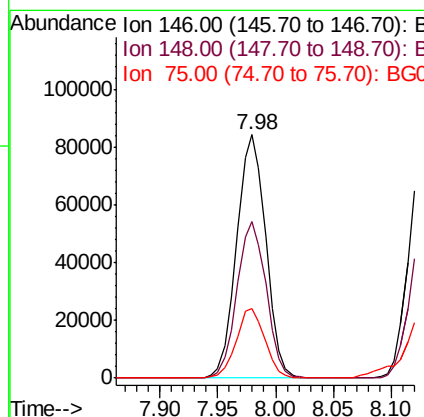
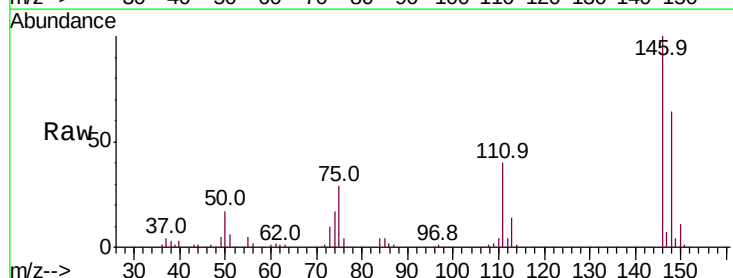
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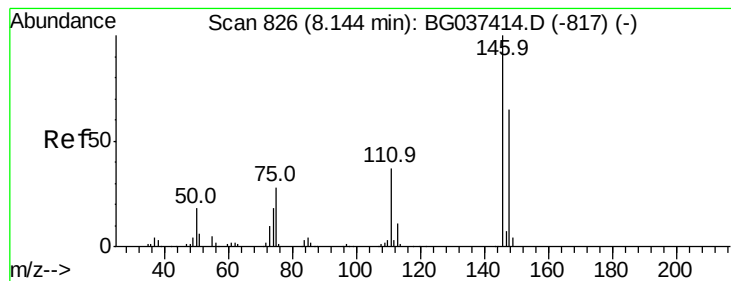


#12

1,3-Dichlorobenzene
Concen: 33.607 ng
RT: 7.98 min Scan# 798
Delta R.T. -0.02 min
Lab File: BG037880.D
Acq: 8 Nov 2018 1:12

Tgt Ion:	146	Resp:	147149
Ion Ratio	Lower	Upper	
146	100		
148	64.2	49.8	74.8
75	28.8	23.2	34.8





#13

1,4-Dichlorobenzene

Concen: 33.995 ng

RT: 8.13 min Scan# 823

Delta R.T. -0.02 min

Lab File: BG037880.D

Acq: 8 Nov 2018 1:12

Instrument :

BNA_G

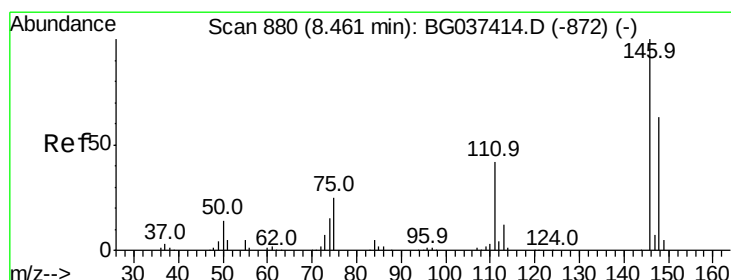
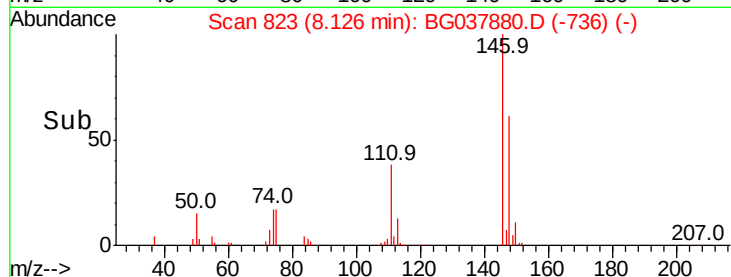
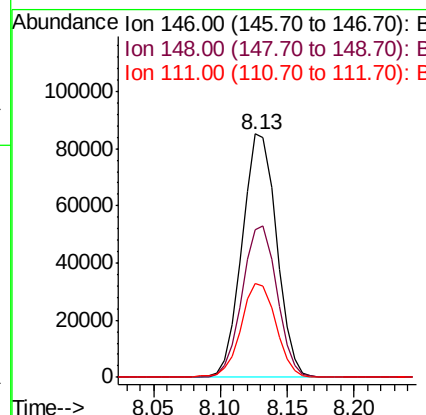
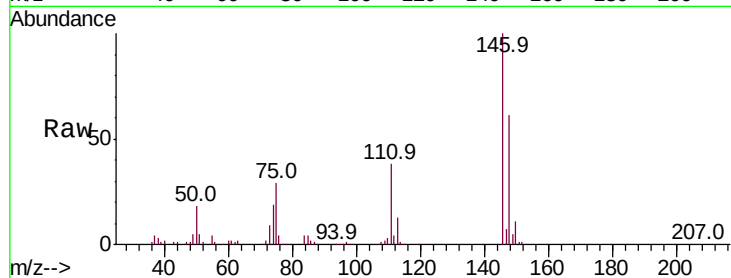
ClientSampleId :

PB114465BSD

Tot Ion:	146	Resp:	152256
Ion Ratio	Lower	Upper	
146	100		
148	60.7	51.0	76.6
111	38.3	32.4	48.6

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 33.142 ng

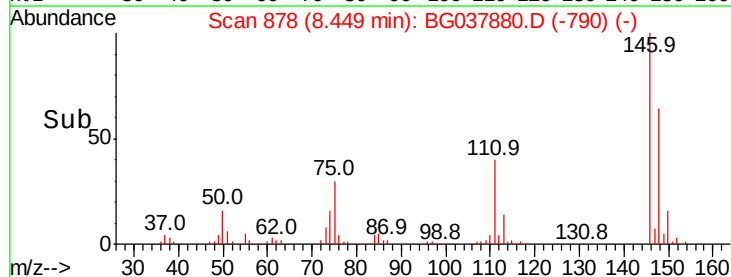
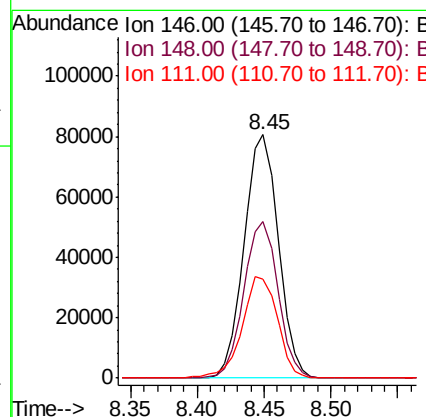
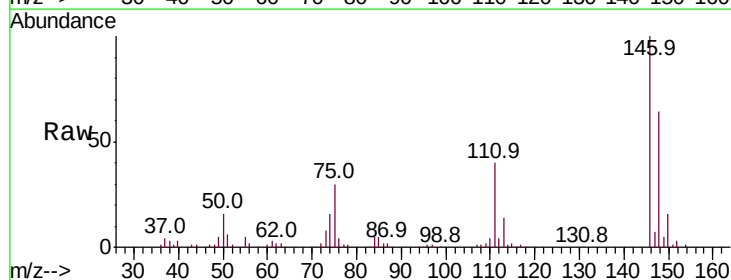
RT: 8.45 min Scan# 878

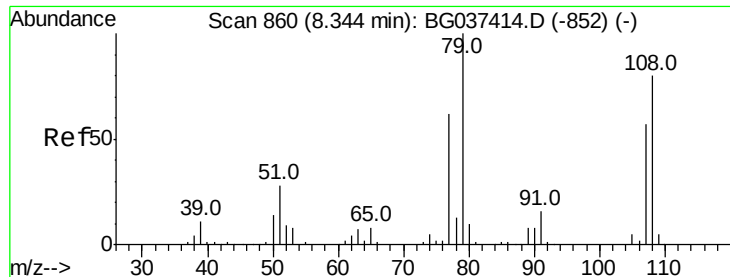
Delta R.T. -0.01 min

Lab File: BG037880.D

Acq: 8 Nov 2018 1:12

Tgt Ion:	146	Resp:	142788
Ion Ratio	Lower	Upper	
146	100		
148	64.4	50.4	75.6
111	40.4	34.6	51.8





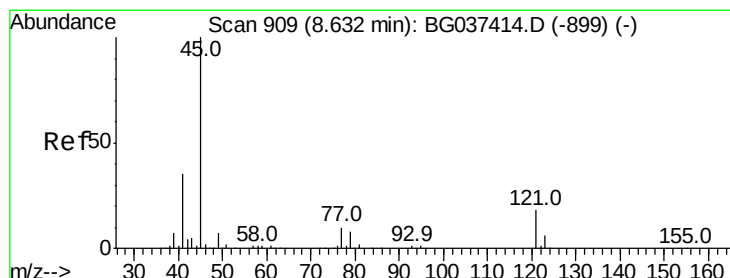
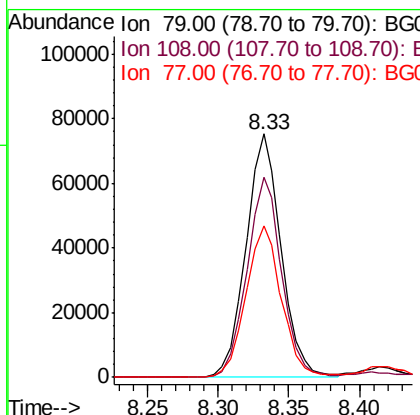
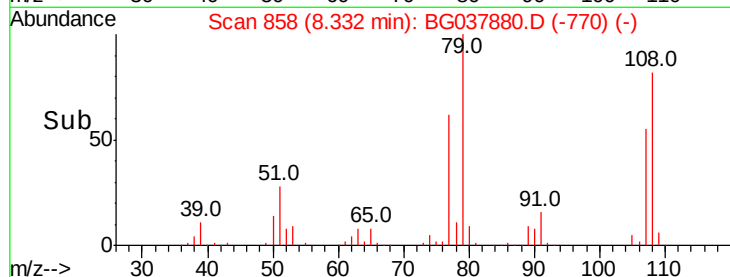
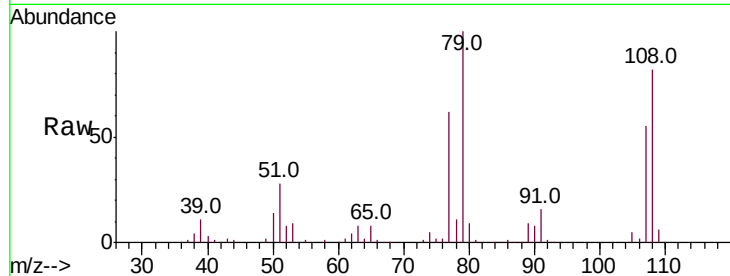
#15
Benzyl Alcohol
Concen: 34.922 ng
RT: 8.33 min Scan# 858
Delta R.T. -0.01 min
Lab File: BG037880.D
Acq: 8 Nov 2018 1:12

Instrument :
BNA_G
ClientSampleId :
PB114465BSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	82.1	65.8	98.8
77	62.3	52.9	79.3

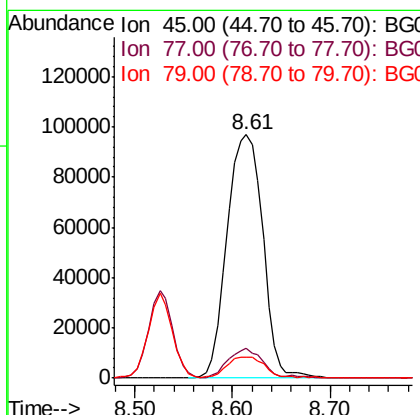
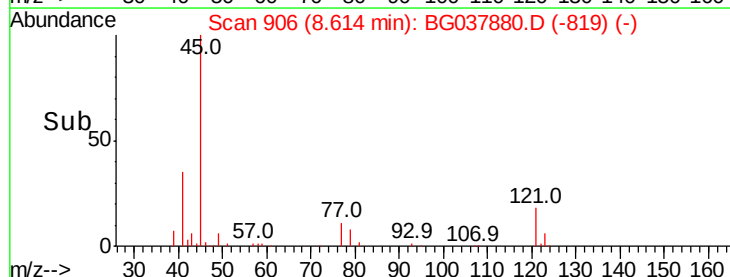
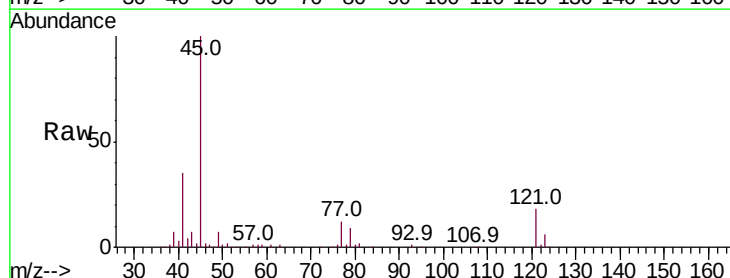
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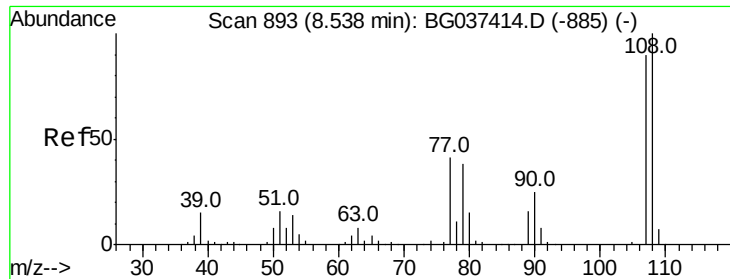
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#16
2,2'-oxybis(1-chloropropane)
Concen: 33.838 ng
RT: 8.61 min Scan# 906
Delta R.T. -0.02 min
Lab File: BG037880.D
Acq: 8 Nov 2018 1:12

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.1	0.0	30.0
79	8.8	0.0	29.0





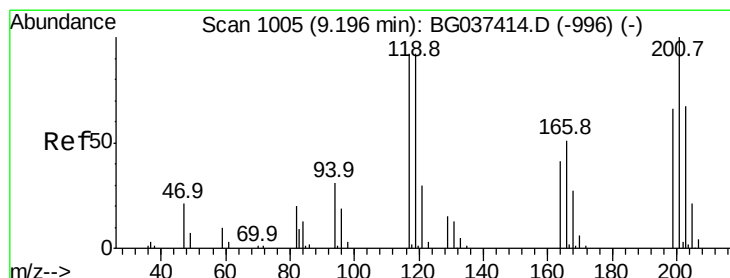
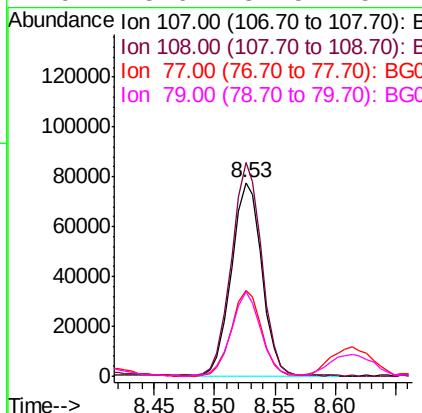
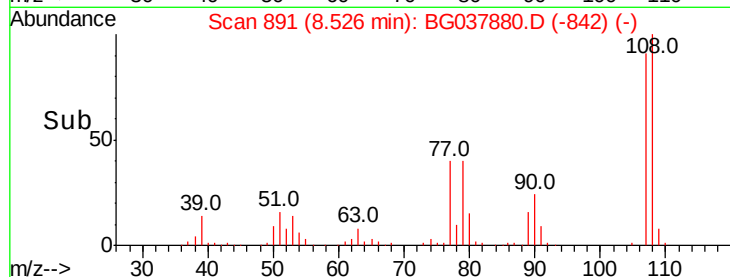
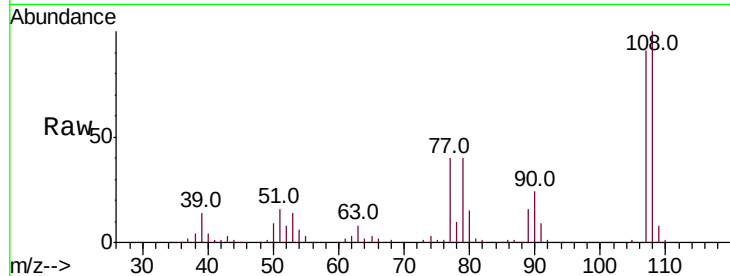
#17
2-Methylphenol
Concen: 38.289 ng
RT: 8.53 min Scan# 891
Delta R.T. -0.01 min
Lab File: BG037880.D
Acq: 8 Nov 2018 1:12

Instrument :
BNA_G
ClientSampleId :
PB114465BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.1	87.9	131.9	
77	44.5	35.1	52.7	
79	43.6	34.5	51.7	

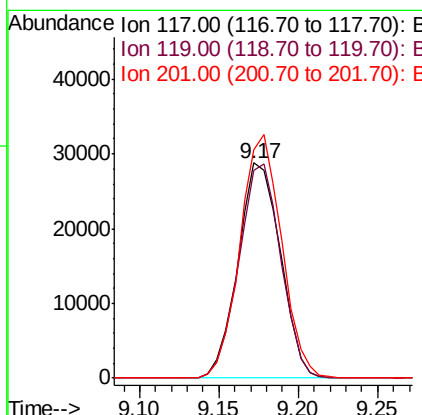
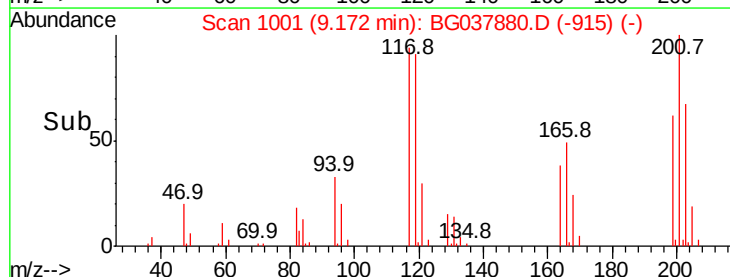
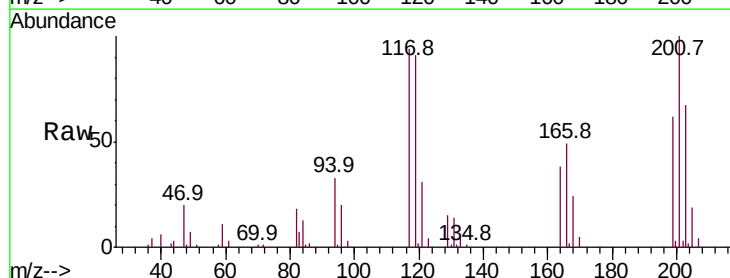
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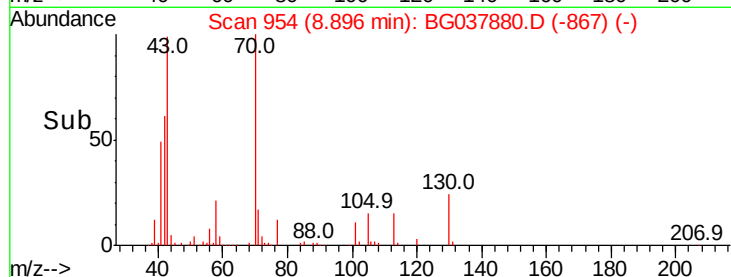
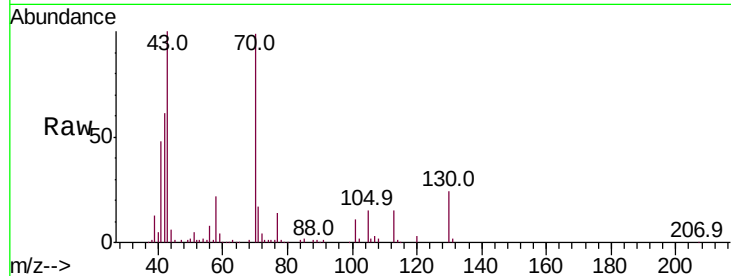
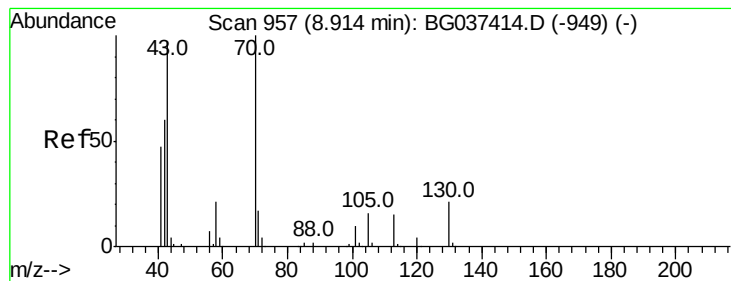
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#18
Hexachloroethane
Concen: 35.086 ng
RT: 9.17 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BG037880.D
Acq: 8 Nov 2018 1:12

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.6	74.6	111.8	
201	106.0	80.8	121.2	





#19

n-Nitroso-di-n-propylamine

Concen: 31.522 ng

RT: 8.90 min Scan# 954

Delta R.T. -0.02 min

Lab File: BG037880.D

Acq: 8 Nov 2018 1:12

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		110350		
42	61.6	53.9	80.9		
101	11.1	8.2	12.2		
130	24.1	18.2	27.4		

Instrument :

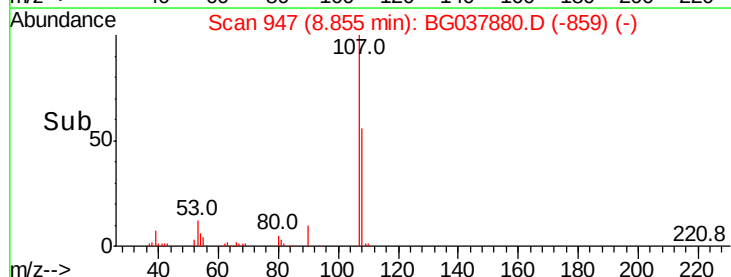
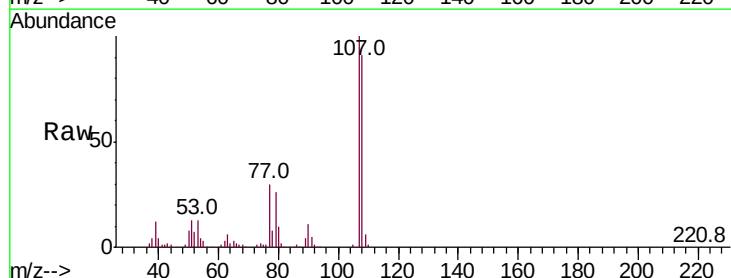
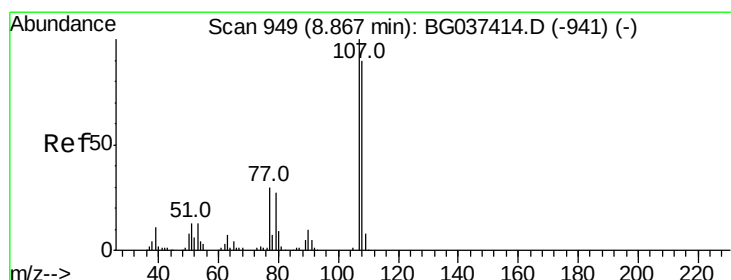
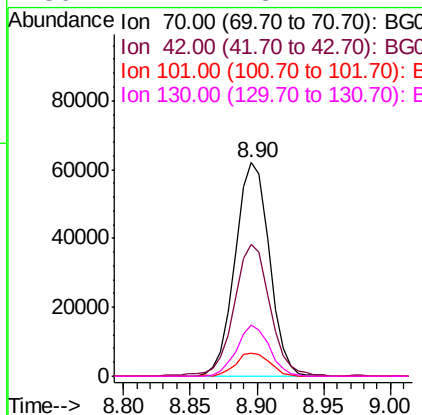
BNA_G

ClientSampleId :

PB114465BSD

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#20

3+4-Methylphenols

Concen: 37.263 ng

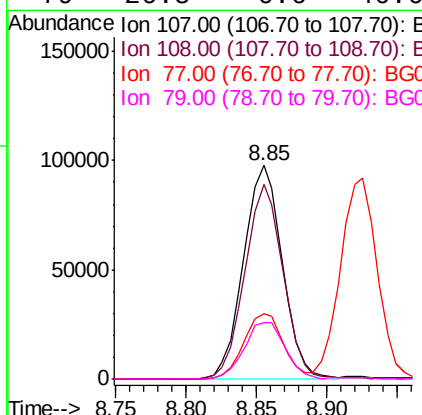
RT: 8.85 min Scan# 947

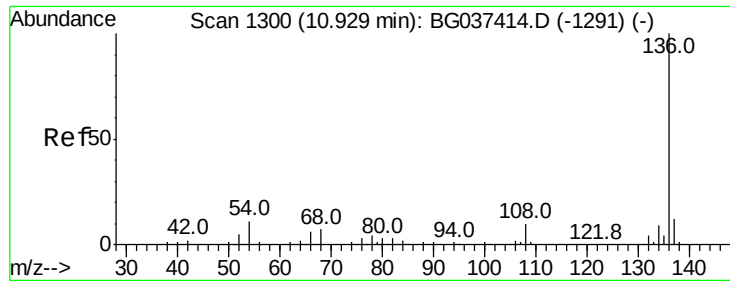
Delta R.T. -0.01 min

Lab File: BG037880.D

Acq: 8 Nov 2018 1:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		188922		
108	91.4	69.9	109.9		
77	30.4	11.2	51.2		
79	26.5	6.6	46.6		





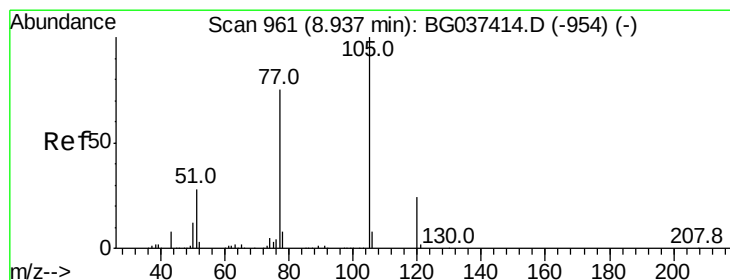
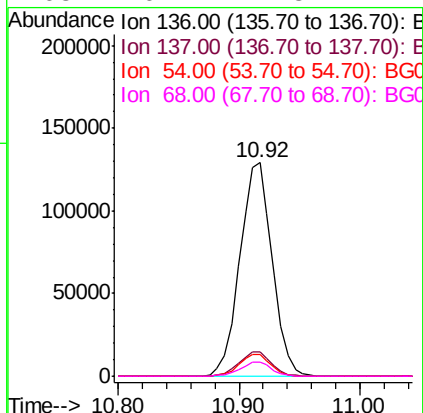
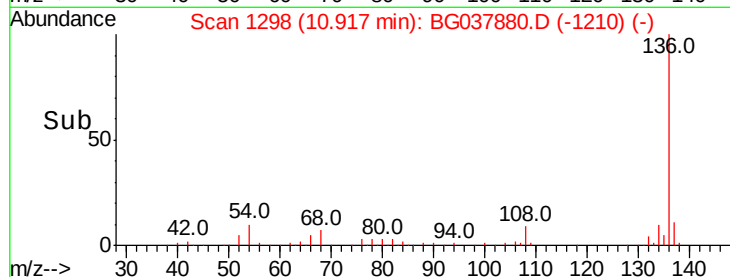
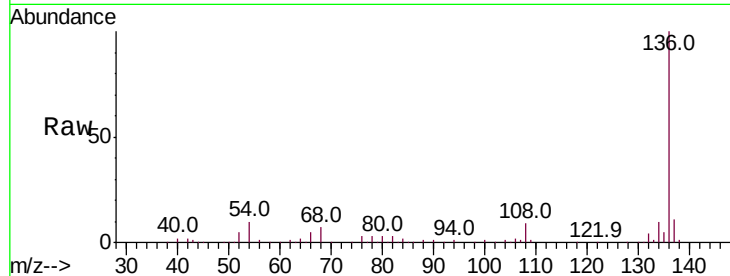
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG037880.D
Acq: 8 Nov 2018 1:12

Instrument :
BNA_G
ClientSampleId :
PB114465BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	239921		
137	11.2	9.6	14.4	
54	10.2	7.9	11.9	
68	6.7	4.8	7.2	

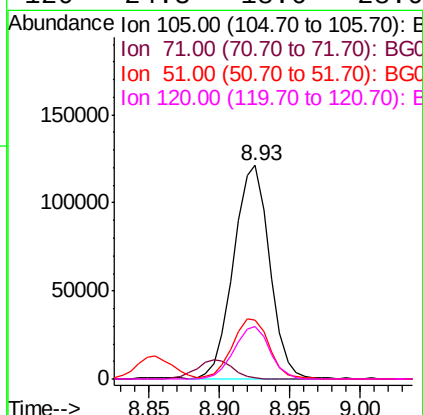
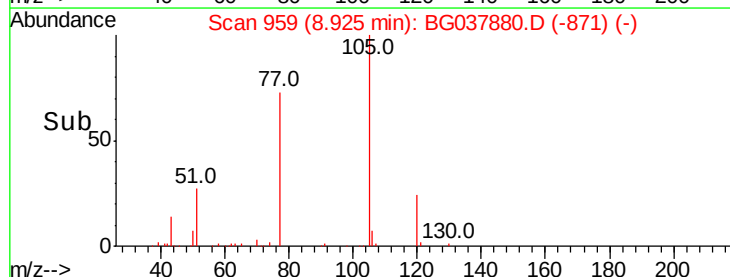
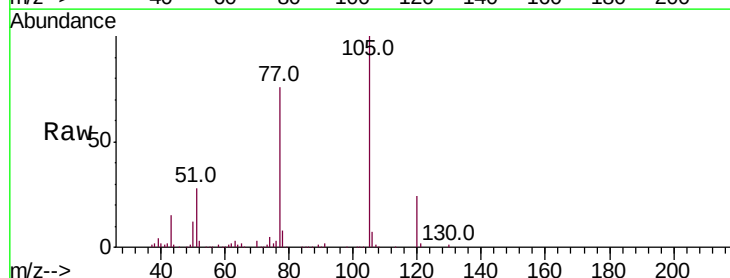
Manual Integrations
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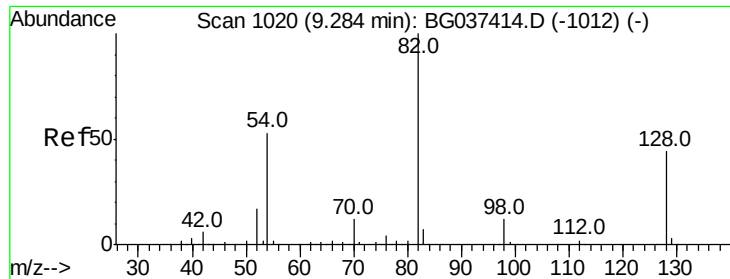
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#22
Acetophenone
Concen: 35.857 ng
RT: 8.93 min Scan# 959
Delta R.T. -0.01 min
Lab File: BG037880.D
Acq: 8 Nov 2018 1:12

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	215758		
71	0.4	1.2	1.8#	
51	27.6	25.0	37.6	
120	24.3	18.6	28.0	





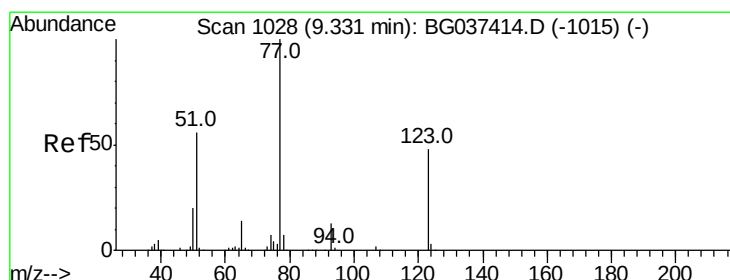
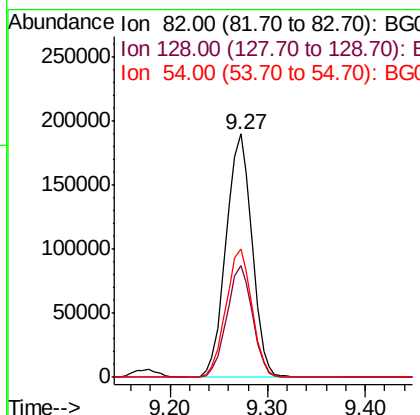
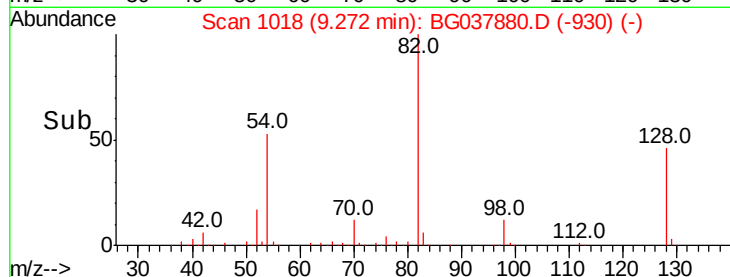
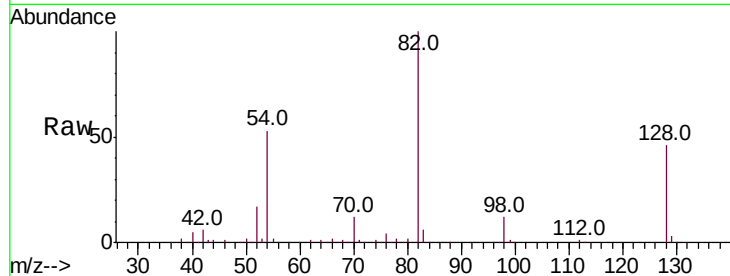
#23
Nitrobenzene-d5
Concen: 82.121 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BG037880.D
Acq: 8 Nov 2018 1:12

Instrument :
BNA_G
ClientSampled :
PB114465BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	351711		
128	45.8	34.6	51.8	
54	53.0	45.3	67.9	

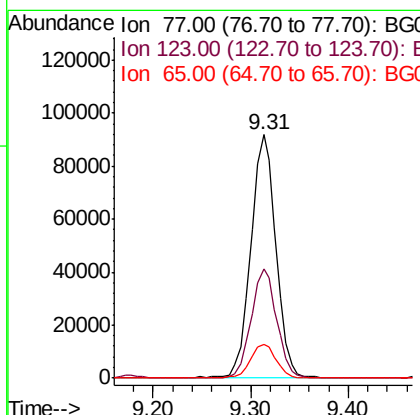
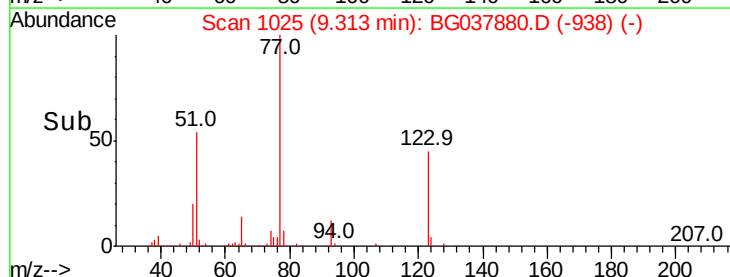
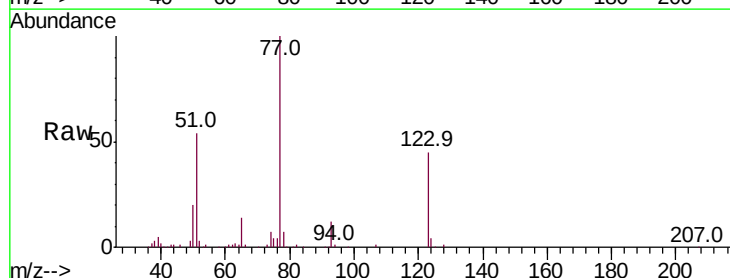
Manual Integrations
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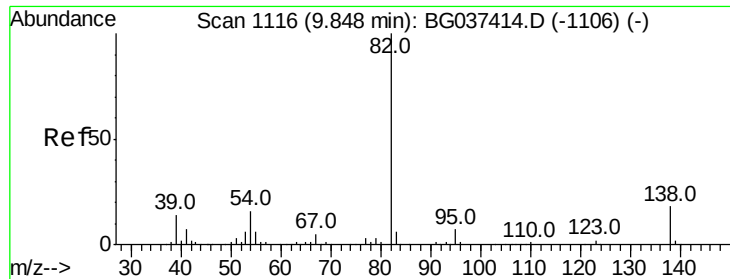
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#24
Nitrobenzene
Concen: 37.348 ng
RT: 9.31 min Scan# 1025
Delta R.T. -0.02 min
Lab File: BG037880.D
Acq: 8 Nov 2018 1:12

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	166172		
123	44.8	33.6	50.4	
65	13.6	11.3	16.9	





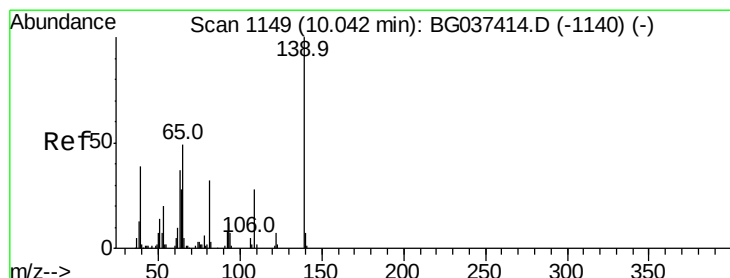
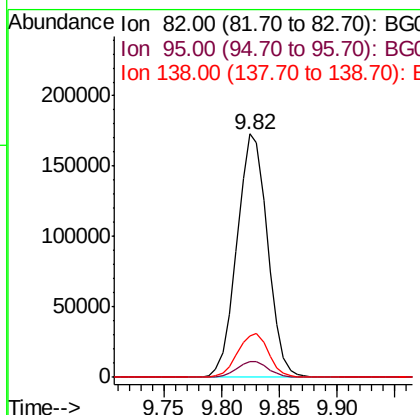
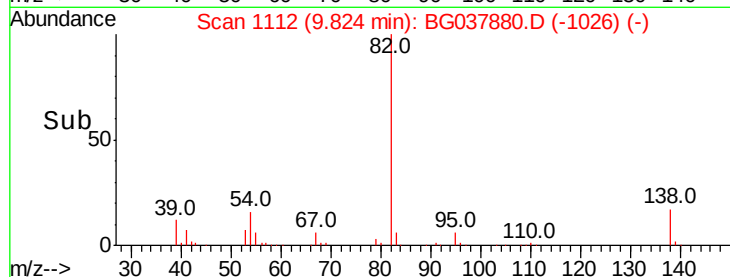
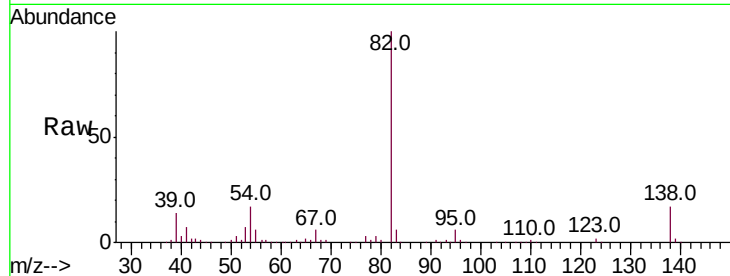
#25
Isophorone
Concen: 40.597 ng
RT: 9.82 min Scan# 1112
Delta R.T. -0.02 min
Lab File: BG037880.D
Acq: 8 Nov 2018 1:12

Instrument :
BNA_G
ClientSampleId :
PB114465BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	317691		
95	6.2		5.3	7.9
138	17.2		13.3	19.9

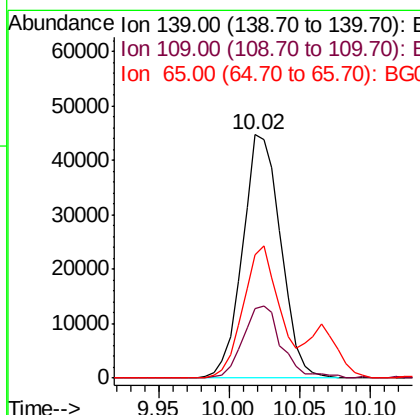
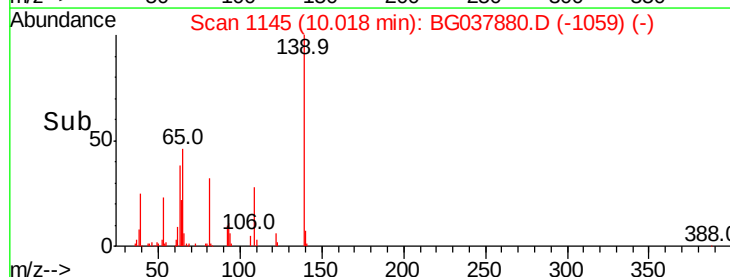
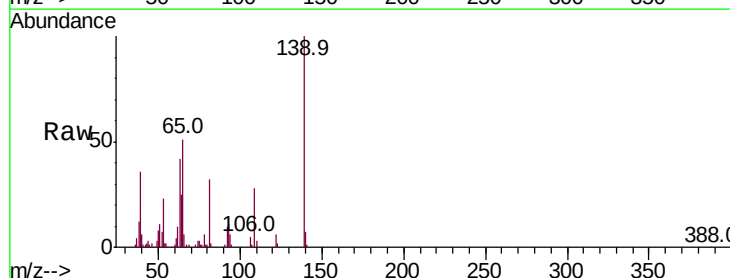
Manual Integrations
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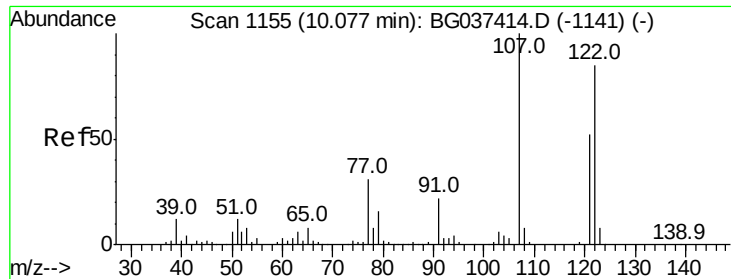
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#26
2-Nitrophenol
Concen: 42.302 ng
RT: 10.02 min Scan# 1145
Delta R.T. -0.02 min
Lab File: BG037880.D
Acq: 8 Nov 2018 1:12

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	84787		
109	28.4		23.3	34.9
65	50.8		39.8	59.8





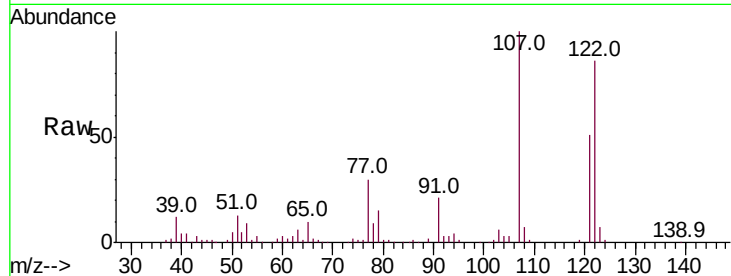
#27
2,4-Dimethylphenol
Concen: 44.844 ng
RT: 10.07 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BG037880.D
Acq: 8 Nov 2018 1:12

Instrument :
BNA_G
ClientSampleId :
PB114465BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	160485		
107	116.5	94.2	141.2	
121	59.6	47.3	70.9	

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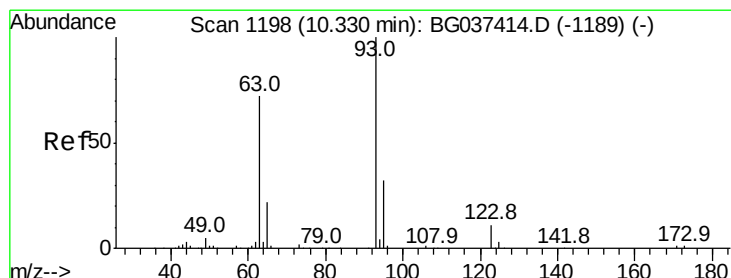
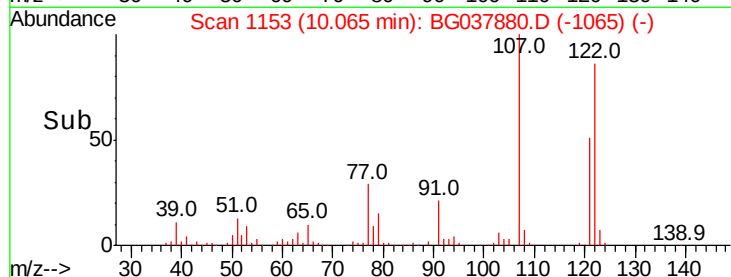
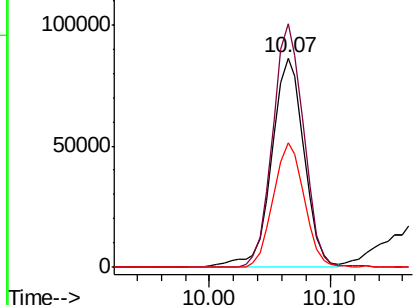


Abundance

Ion 122.00 (121.70 to 122.70): E

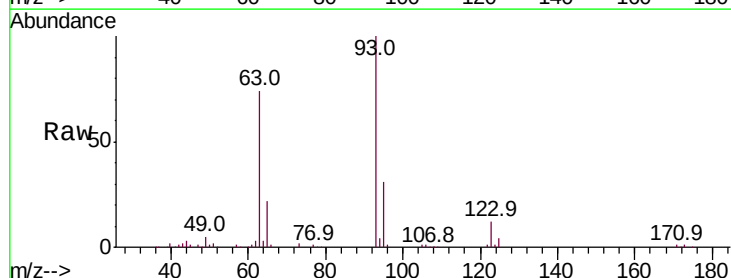
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 38.737 ng
RT: 10.31 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BG037880.D
Acq: 8 Nov 2018 1:12

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	198608		
95	30.6	24.6	37.0	
123	11.6	9.1	13.7	

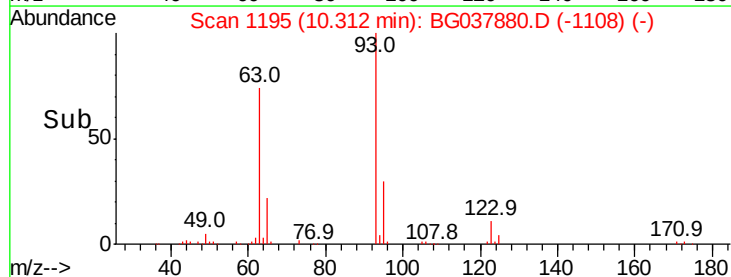
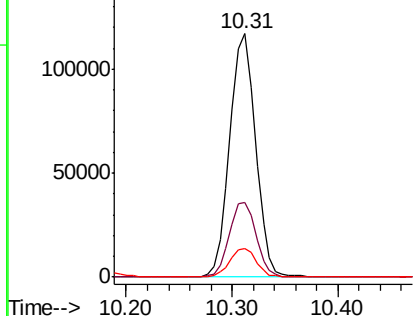


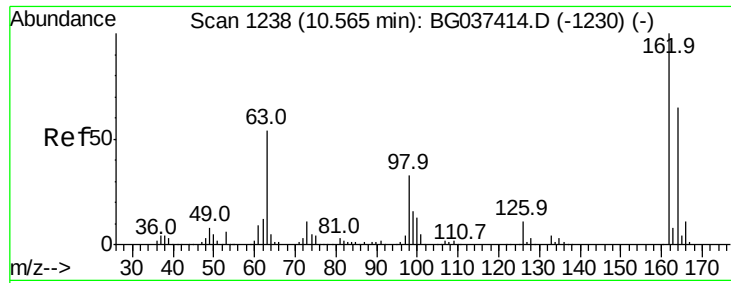
Abundance

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





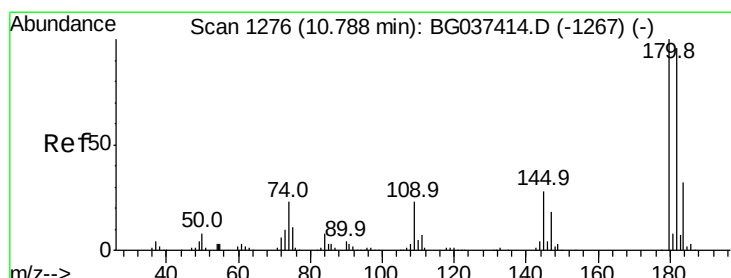
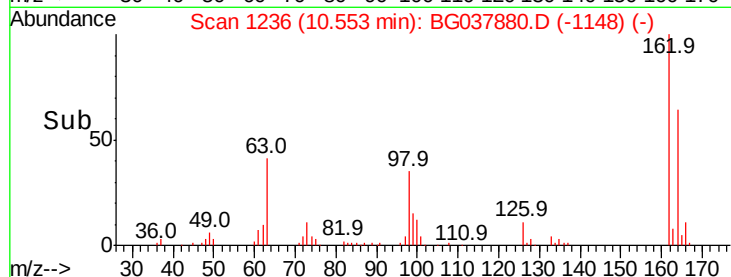
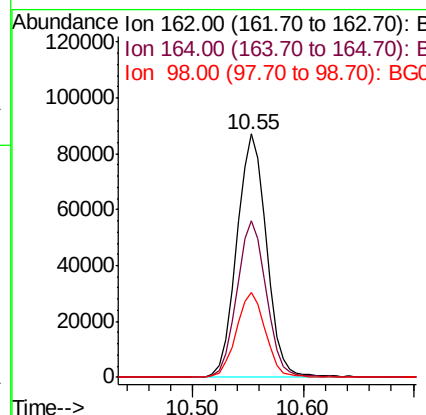
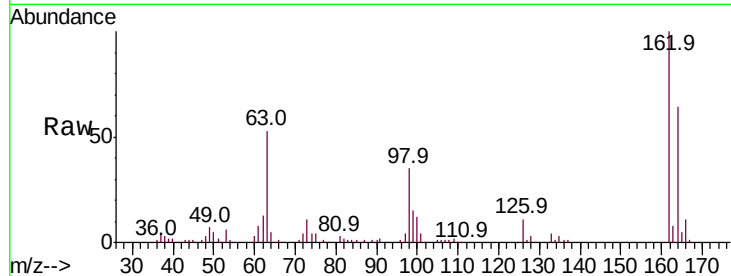
#29
 2,4-Dichlorophenol
 Concen: 41.301 ng
 RT: 10.55 min Scan# 1236
 Delta R.T. -0.01 min
 Lab File: BG037880.D
 Acq: 8 Nov 2018 1:12

Instrument :
 BNA_G
 ClientSampleId :
 PB114465BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.1	43.2	83.2
98	34.8	16.0	56.0

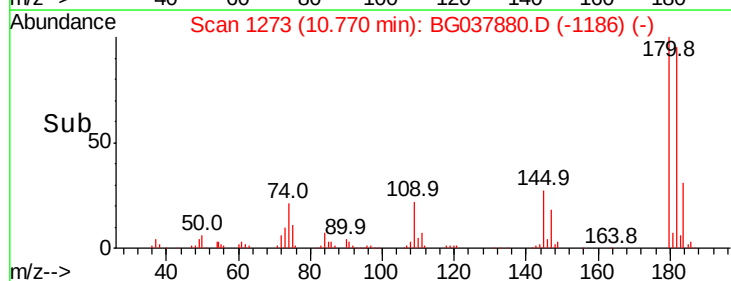
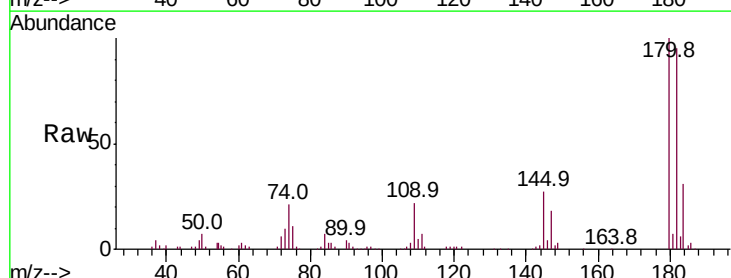
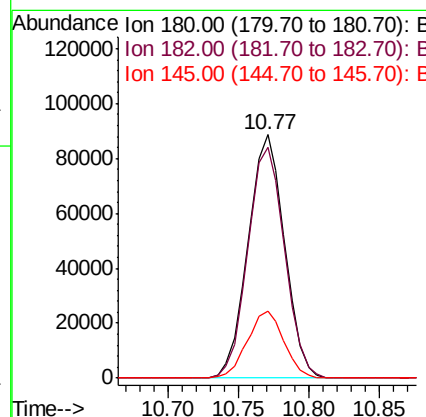
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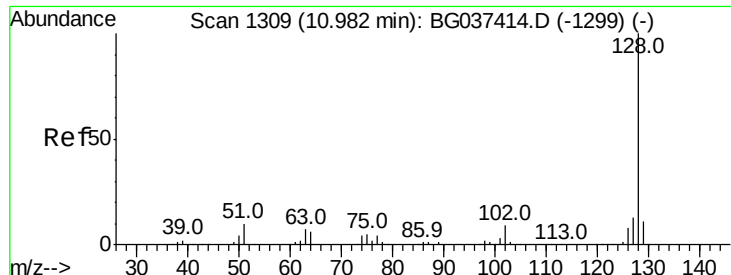
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#30
 1,2,4-Trichlorobenzene
 Concen: 37.032 ng
 RT: 10.77 min Scan# 1273
 Delta R.T. -0.02 min
 Lab File: BG037880.D
 Acq: 8 Nov 2018 1:12

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.7	77.7	116.5
145	27.4	23.3	34.9





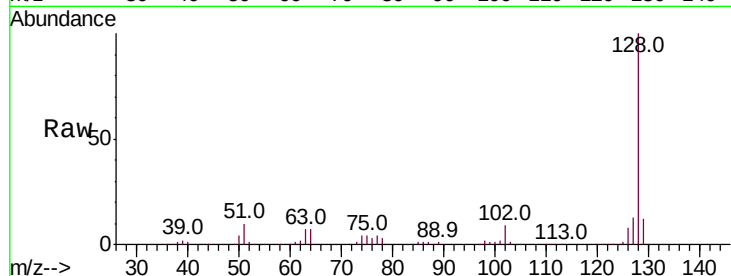
#31
Naphthalene
Concen: 40.053 ng
RT: 10.96 min Scan# 1306
Delta R.T. -0.02 min
Lab File: BG037880.D
Acq: 8 Nov 2018 1:12

Instrument :
BNA_G
ClientSampleId :
PB114465BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.0	13.6
127	13.4	11.1	16.7

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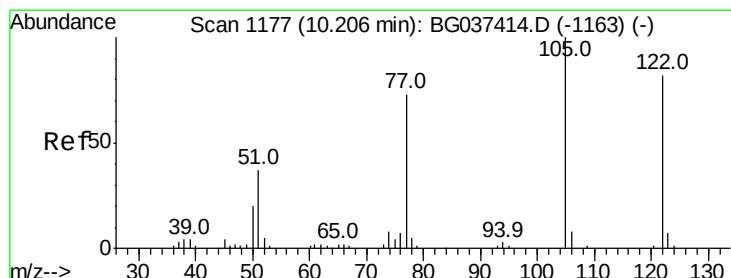
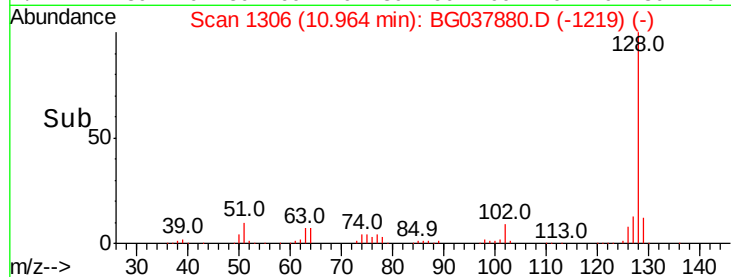
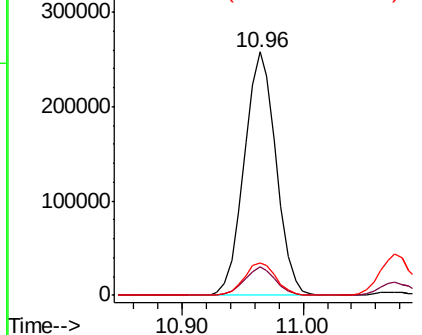


Abundance

Ion 128.00 (127.70 to 128.70): E

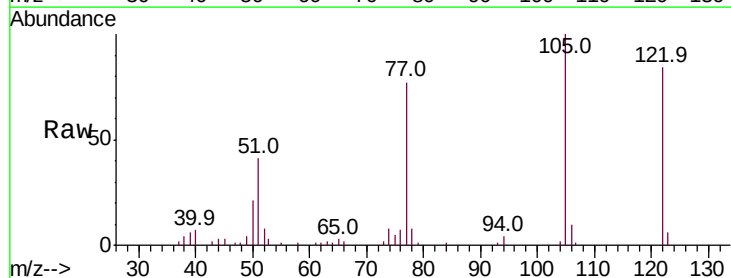
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 35.634 ng
RT: 10.19 min Scan# 1174
Delta R.T. -0.02 min
Lab File: BG037880.D
Acq: 8 Nov 2018 1:12

Tgt Ion	Ratio	Lower	Upper
122	100		
105	119.0	106.7	146.7
77	91.5	72.2	112.2

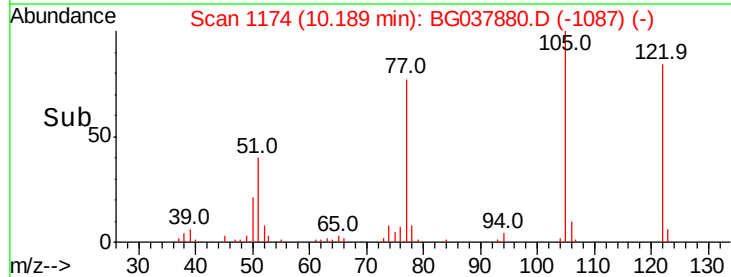
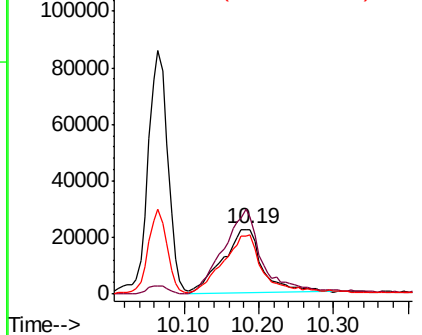


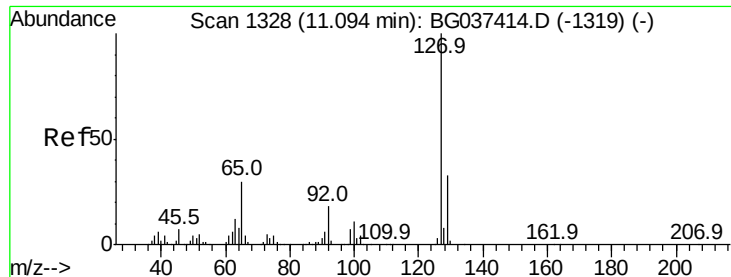
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGO





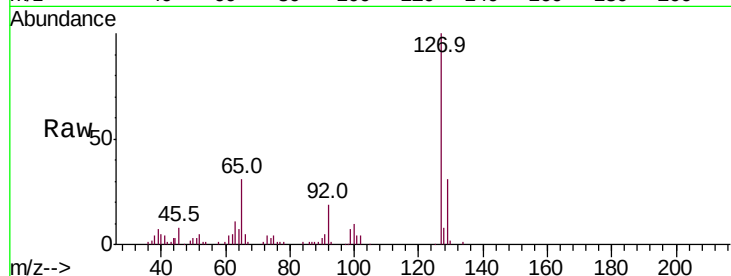
#33
4-Chloroaniline
Concen: 14.890 ng
RT: 11.08 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BG037880.D
Acq: 8 Nov 2018 1:12

Instrument :
BNA_G
ClientSampleId :
PB114465BSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.3	27.1	40.7	
65	31.4	26.6	39.8	
92	19.1	16.4	24.6	

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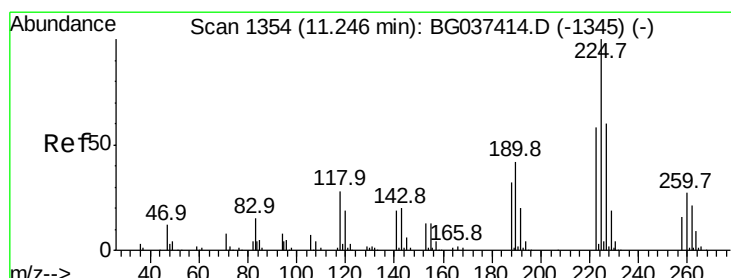
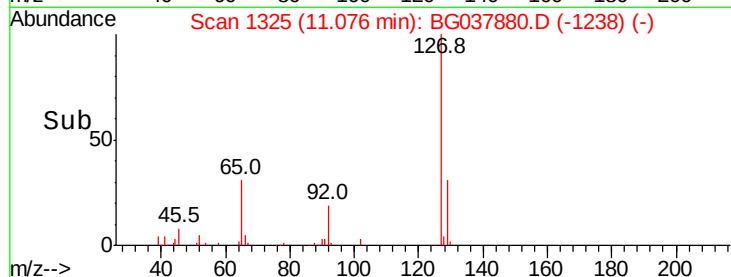
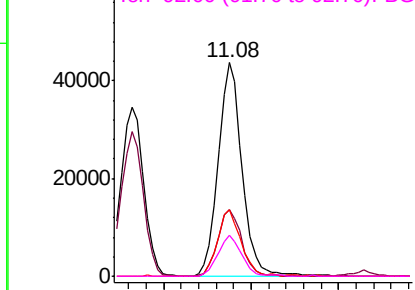
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

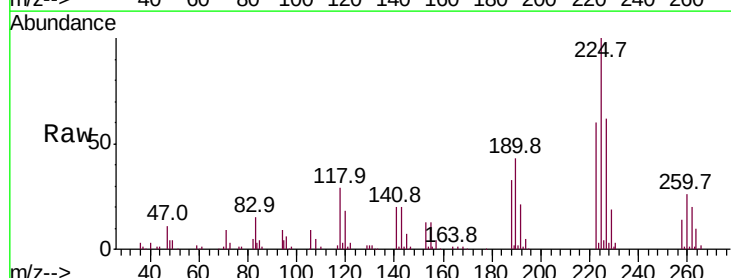
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 37.302 ng
RT: 11.22 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BG037880.D
Acq: 8 Nov 2018 1:12

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	60.6	48.2	72.4	
227	61.9	51.6	77.4	

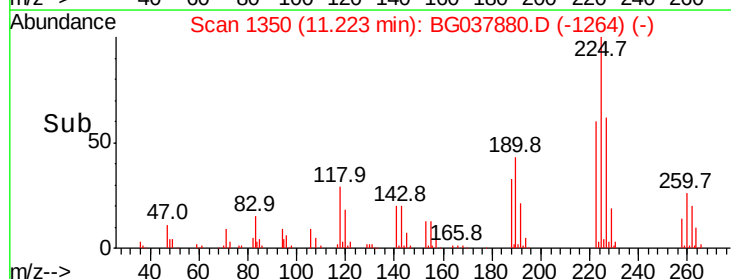
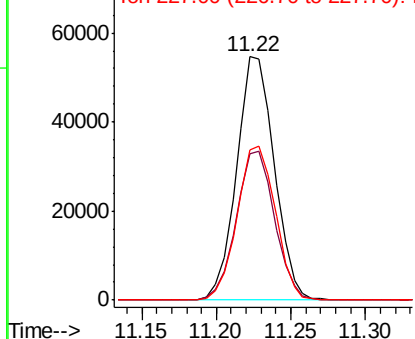


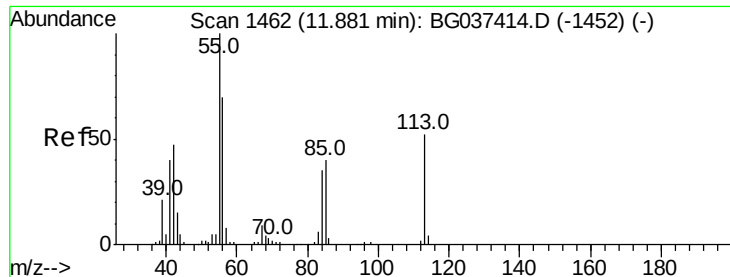
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





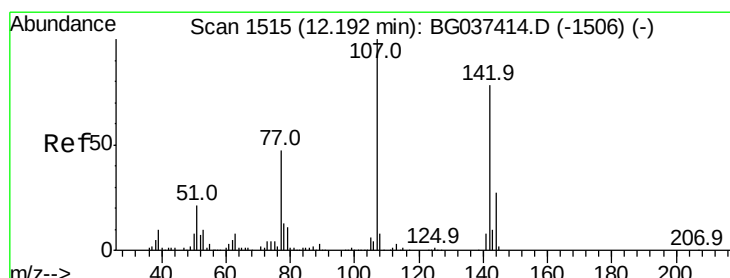
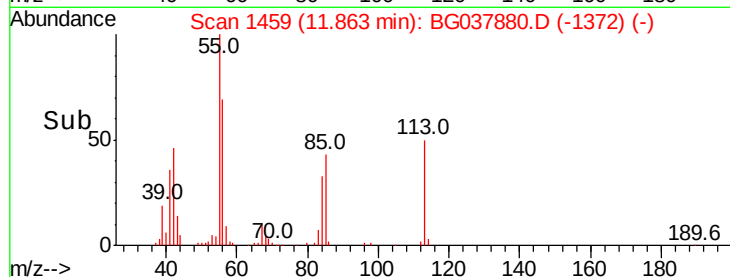
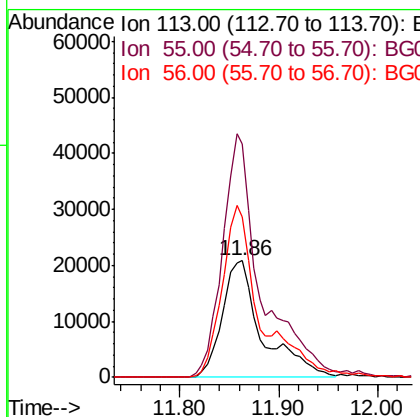
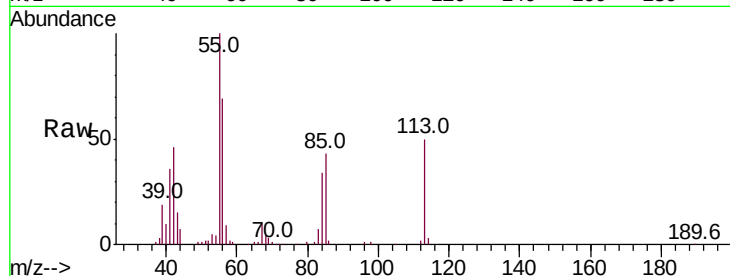
#35
Caprolactam
Concen: 36.368 ng/ml
RT: 11.86 min Scan# 1459
Delta R.T. -0.02 min
Lab File: BG037880.D
Acq: 8 Nov 2018 1:12

Instrument :
BNA_G
ClientSampleID :
PB114465BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	200.8	176.6	216.6
56	138.0	128.3	168.3

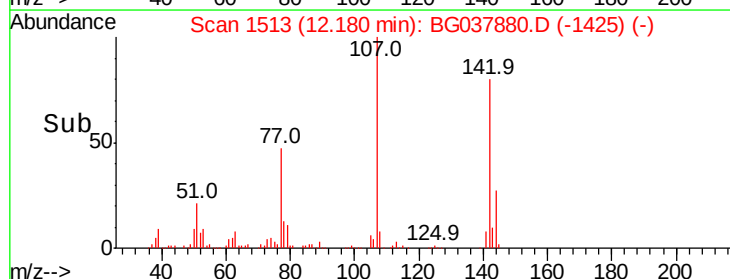
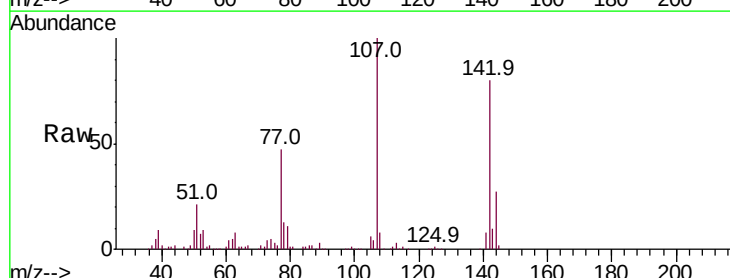
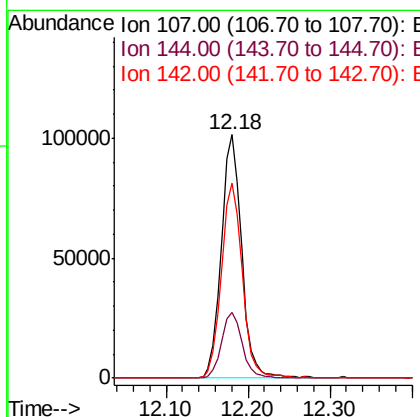
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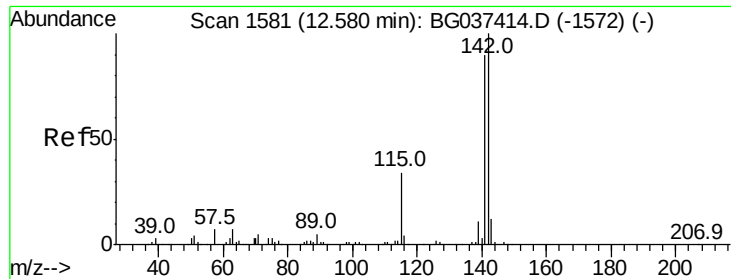
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#36
4-Chloro-3-methylphenol
Concen: 39.319 ng
RT: 12.18 min Scan# 1513
Delta R.T. -0.01 min
Lab File: BG037880.D
Acq: 8 Nov 2018 1:12

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.0	20.7	31.1
142	79.8	64.4	96.6





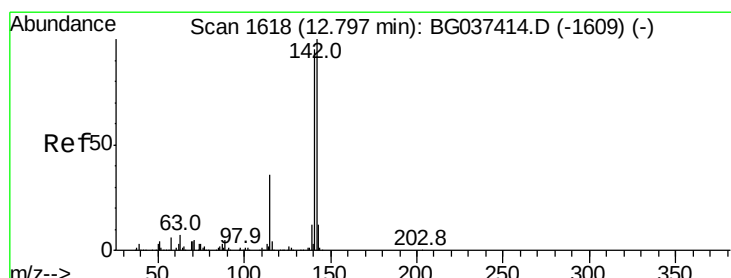
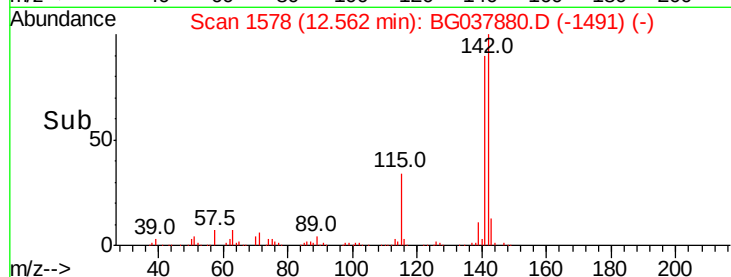
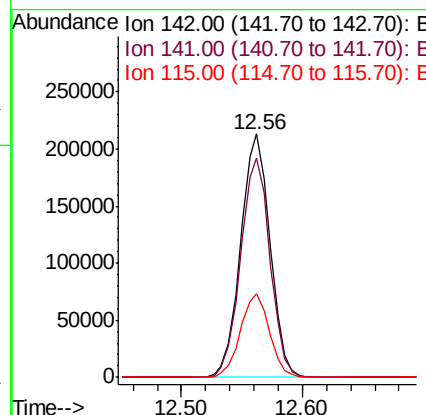
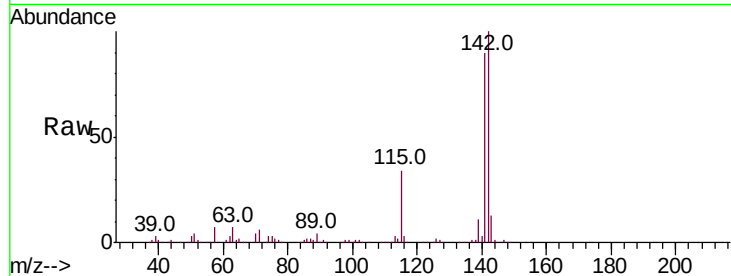
#37
2-Methylnaphthalene
Concen: 41.927 ng
RT: 12.56 min Scan# 1578
Delta R.T. -0.02 min
Lab File: BG037880.D
Acq: 8 Nov 2018 1:12

Instrument :
BNA_G
ClientSampleId :
PB114465BSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	360167		
141	89.9	71.9	107.9	
115	34.2	27.8	41.8	

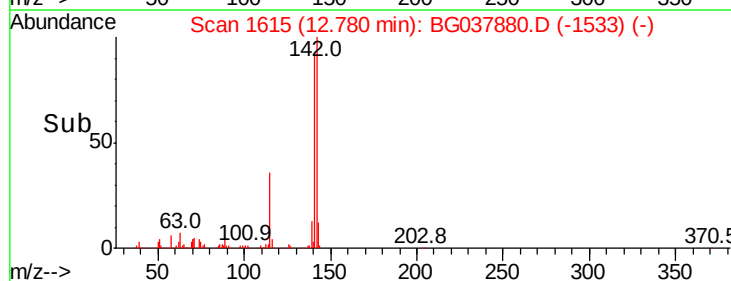
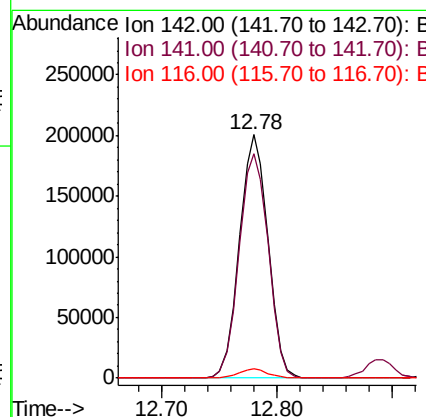
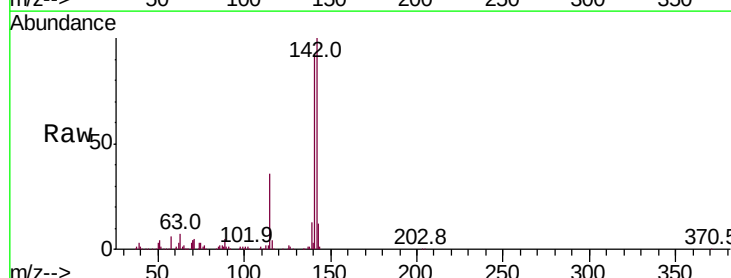
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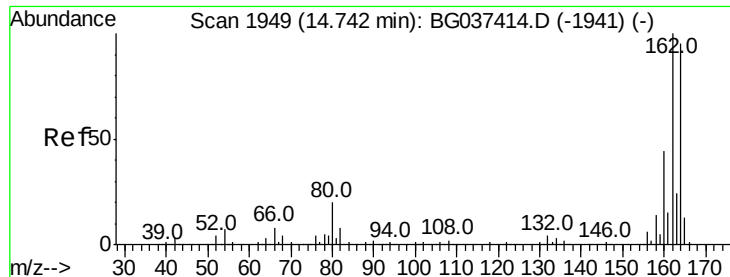
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#38
1-Methylnaphthalene
Concen: 40.976 ng
RT: 12.78 min Scan# 1615
Delta R.T. -0.02 min
Lab File: BG037880.D
Acq: 8 Nov 2018 1:12

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	341837		
141	92.1	75.2	112.8	
116	3.9	3.3	4.9	





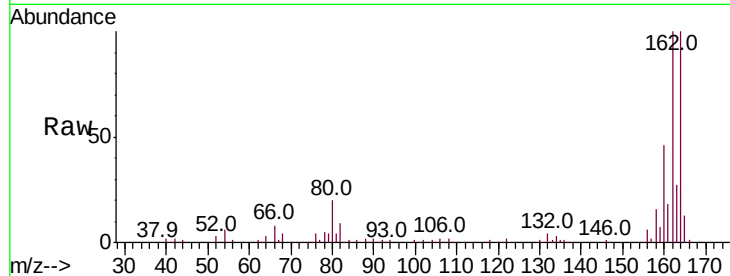
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1947
Delta R.T. -0.01 min
Lab File: BG037880.D
Acq: 8 Nov 2018 1:12

Instrument :
BNA_G
ClientSampleId :
PB114465BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.0	81.3	121.9
160	45.8	36.3	54.5

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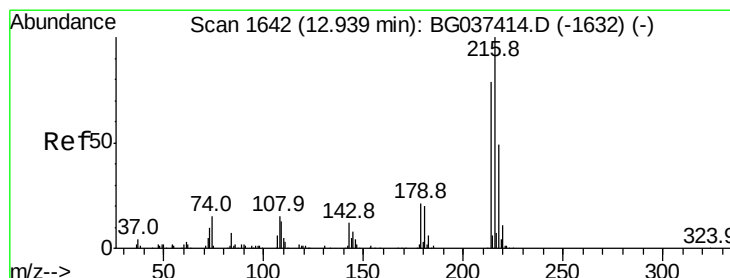
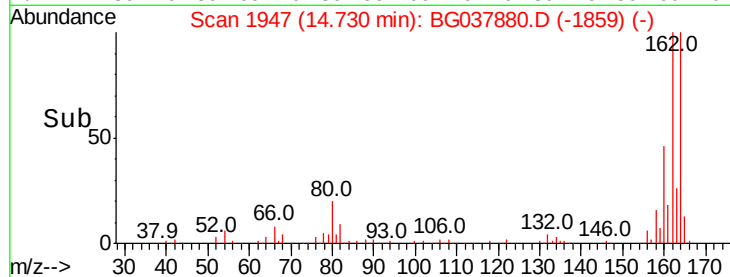
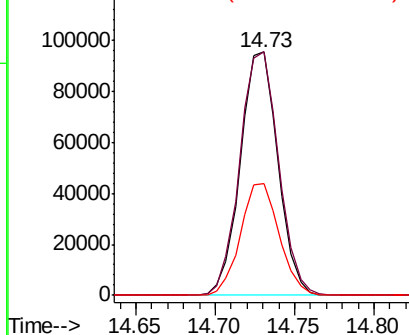


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.789 ng
RT: 12.92 min Scan# 1639
Delta R.T. -0.02 min
Lab File: BG037880.D
Acq: 8 Nov 2018 1:12

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.8	95.6
179	20.5	17.4	26.0
108	19.1	13.9	20.9

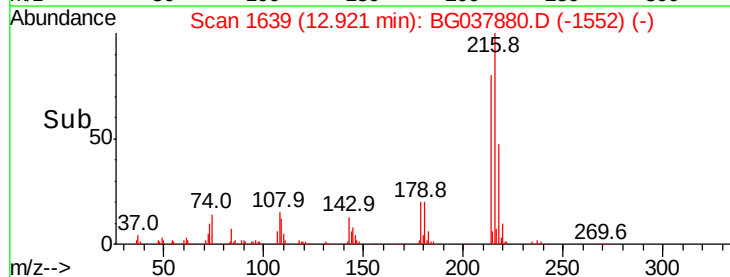
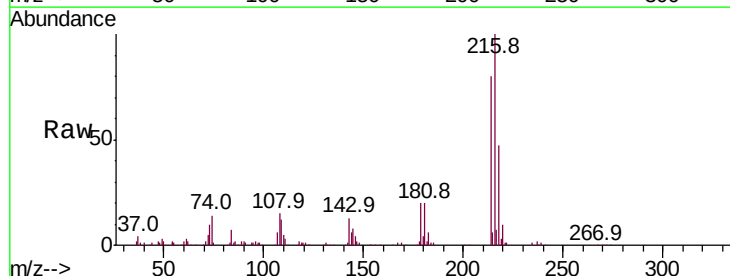
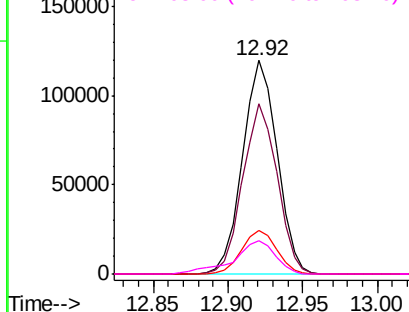
Abundance

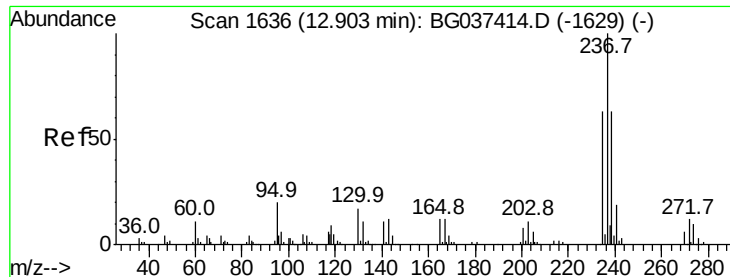
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 95.401 ng

RT: 12.89 min Scan# 1634

Delta R.T. -0.01 min

Lab File: BG037880.D

Acq: 8 Nov 2018 1:12

Instrument :

BNA_G

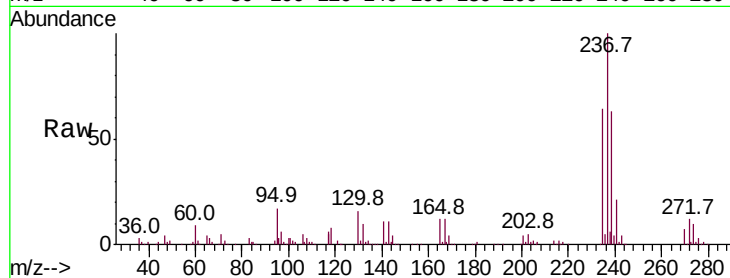
ClientSampleId :

PB114465BSD

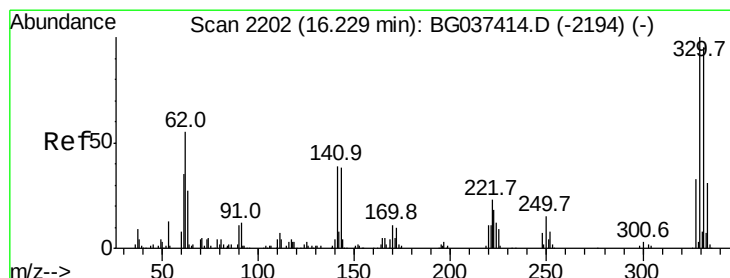
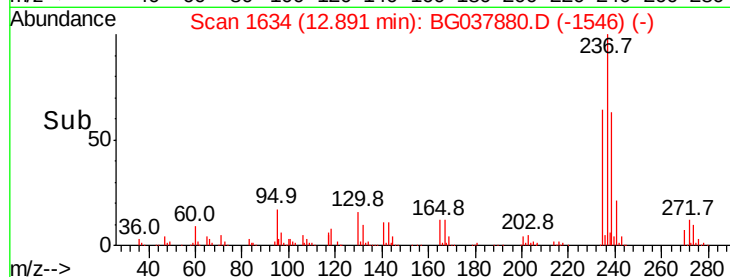
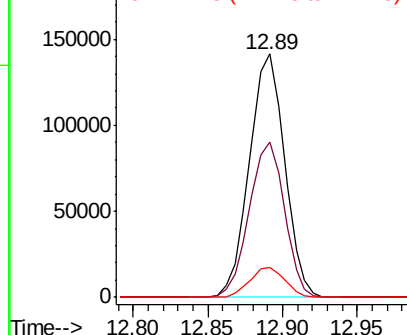
Tot Ion:	237	Resp:	230813
Ion Ratio		Lower	Upper
237	100		
235	63.6	42.5	82.5
272	12.4	0.0	31.6

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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: 84.284 ng

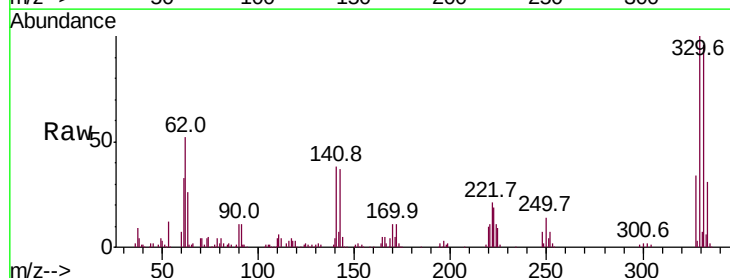
RT: 16.22 min Scan# 2200

Delta R.T. -0.01 min

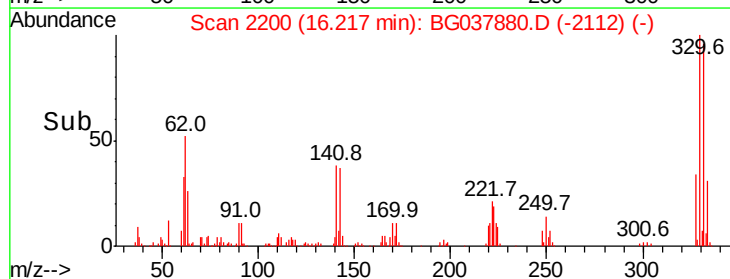
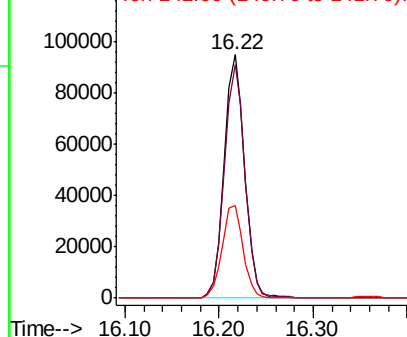
Lab File: BG037880.D

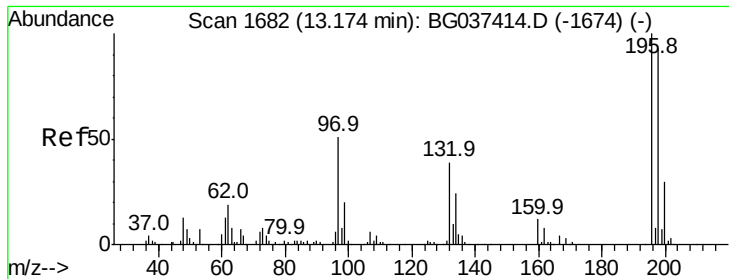
Acq: 8 Nov 2018 1:12

Tgt Ion:	330	Resp:	144351
Ion Ratio		Lower	Upper
330	100		
332	96.2	78.4	117.6
141	39.3	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





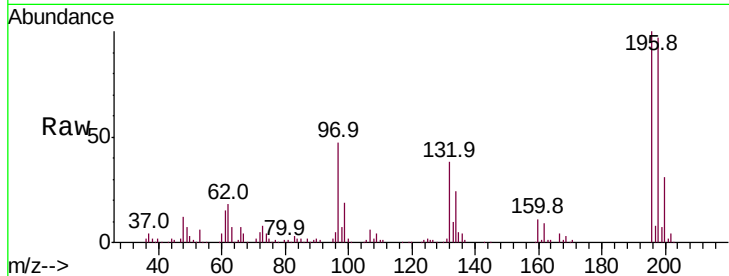
#43
 2,4,6-Trichlorophenol
 Concen: 41.240 ng
 RT: 13.16 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: BG037880.D
 Acq: 8 Nov 2018 1:12

Instrument :
 BNA_G
 ClientSampleId :
 PB114465BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	139549		
198	97.4	76.4	114.6	
200	31.0	24.9	37.3	

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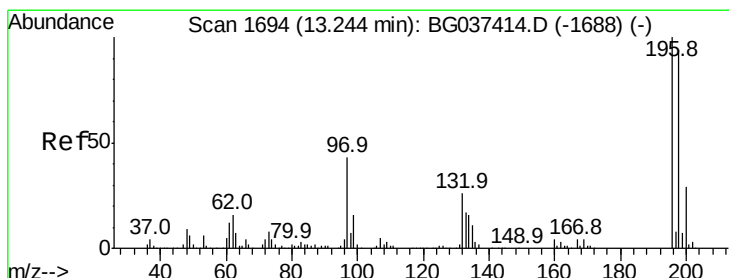
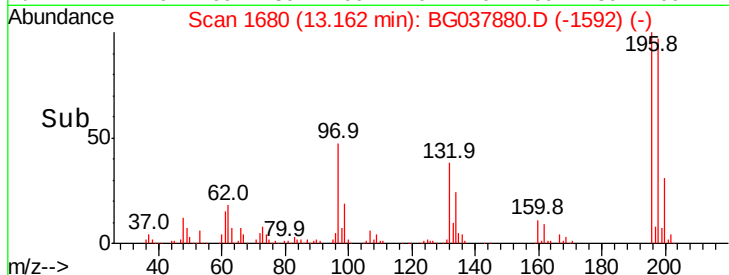
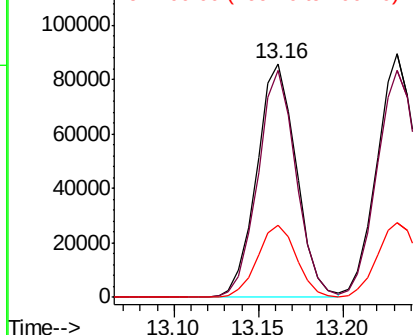


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 40.873 ng
 RT: 13.23 min Scan# 1692
 Delta R.T. -0.01 min
 Lab File: BG037880.D
 Acq: 8 Nov 2018 1:12

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	150585		
198	93.1	74.2	111.2	
97	42.6	34.1	51.1	
132	24.2	20.2	30.4	

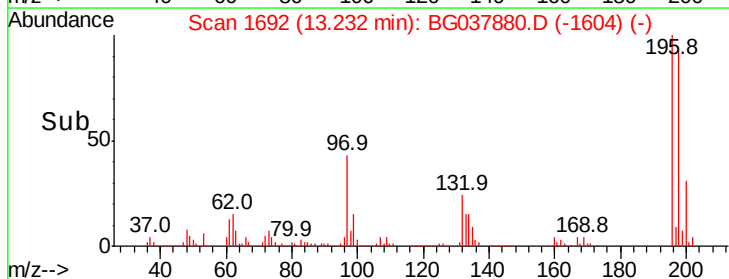
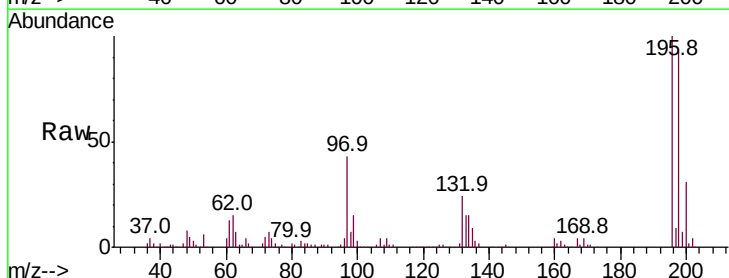
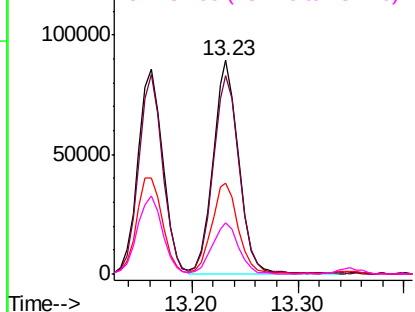
Abundance

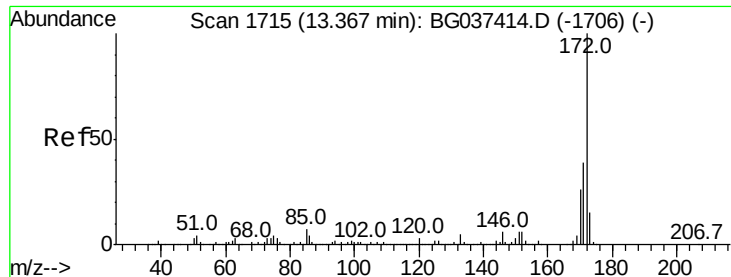
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E





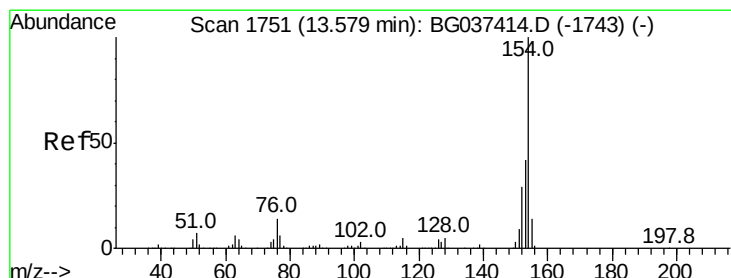
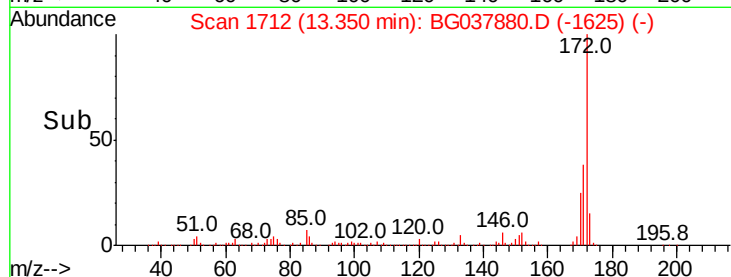
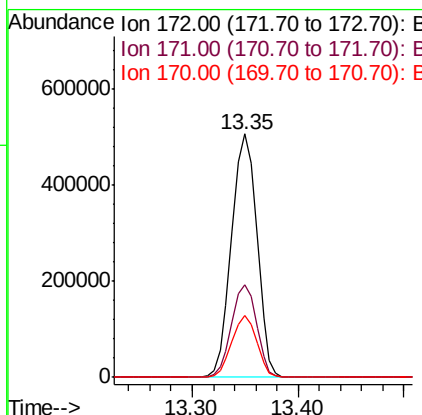
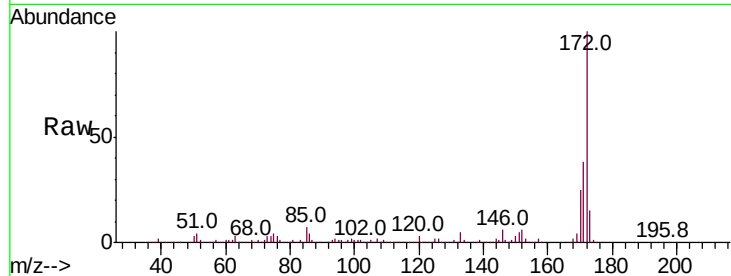
#45
2-Fluorobiphenyl
Concen: 80.715 ng
RT: 13.35 min Scan# 1712
Delta R.T. -0.02 min
Lab File: BG037880.D
Acq: 8 Nov 2018 1:12

Instrument :
BNA_G
ClientSampleId :
PB114465BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.1	31.0	46.4
170	25.3	20.2	30.2

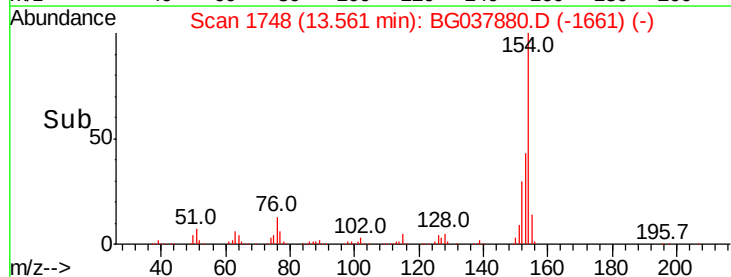
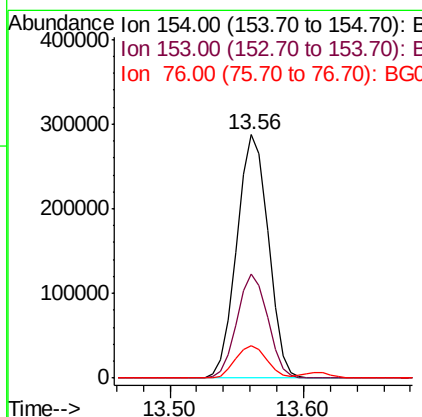
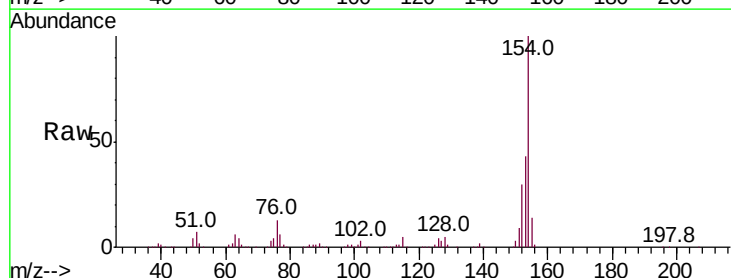
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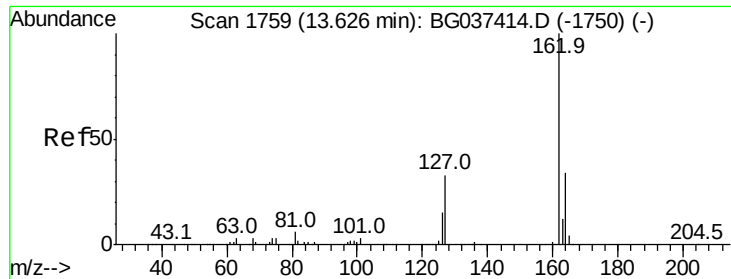
Sohil
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#46
1,1'-Biphenyl
Concen: 36.136 ng
RT: 13.56 min Scan# 1748
Delta R.T. -0.02 min
Lab File: BG037880.D
Acq: 8 Nov 2018 1:12

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.8	22.1	62.1
76	13.3	0.0	33.2





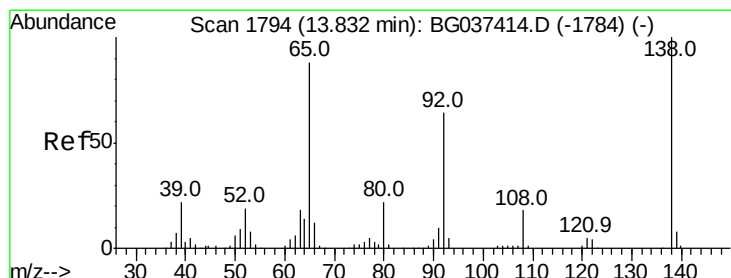
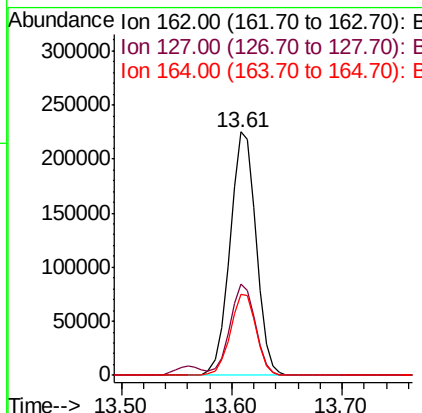
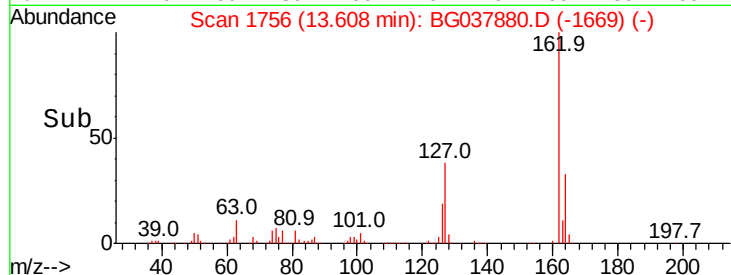
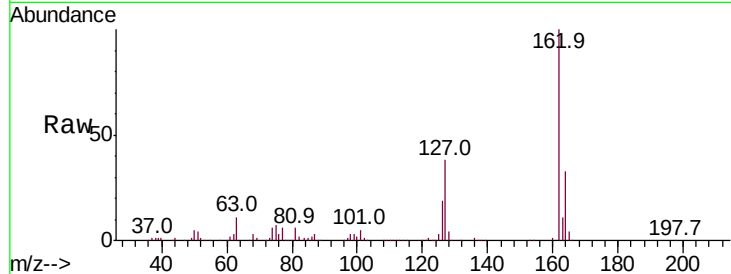
#47
 2-Chloronaphthalene
 Concen: 37.938 ng
 RT: 13.61 min Scan# 1756
 Delta R.T. -0.02 min
 Lab File: BG037880.D
 Acq: 8 Nov 2018 1:12

Instrument :
 BNA_G
 ClientSampleId :
 PB114465BSD

Tot Ion:	162	Resp:	373251
Ion Ratio	Lower	Upper	
162	100		
127	37.6	30.5	45.7
164	33.2	26.4	39.6

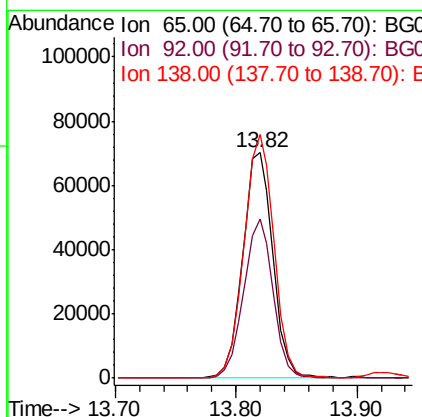
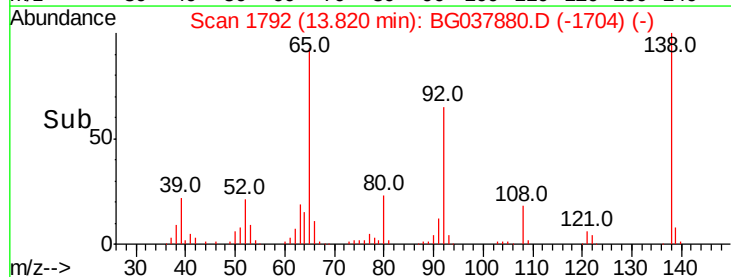
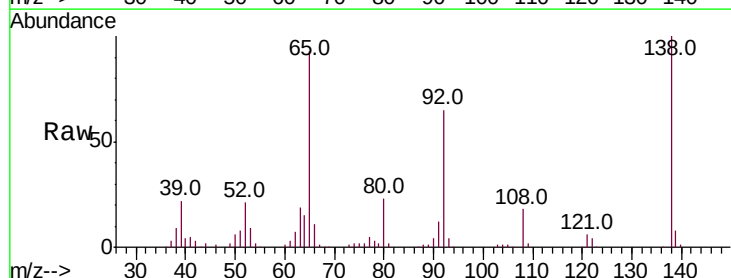
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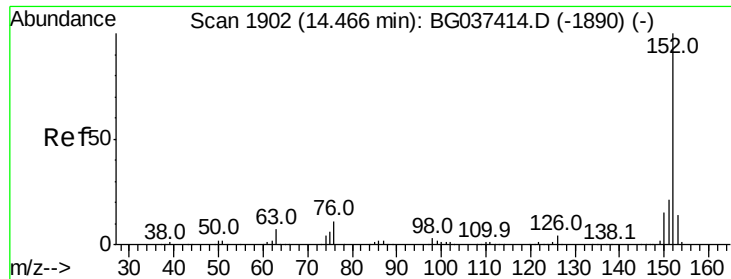
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#48
 2-Nitroaniline
 Concen: 40.854 ng
 RT: 13.82 min Scan# 1792
 Delta R.T. -0.01 min
 Lab File: BG037880.D
 Acq: 8 Nov 2018 1:12

Tgt Ion:	65	Resp:	121889
Ion Ratio	Lower	Upper	
65	100		
92	70.3	53.2	79.8
138	108.0	79.3	118.9





#49

Acenaphthylene

Concen: 41.599 ng

RT: 14.45 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BG037880.D

Acq: 8 Nov 2018 1:12

Instrument :

BNA_G

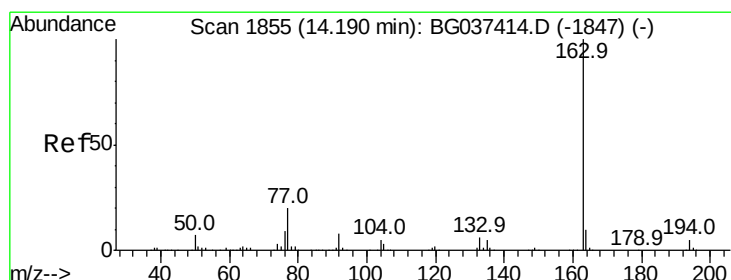
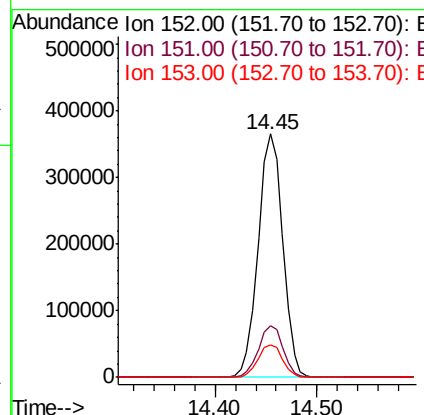
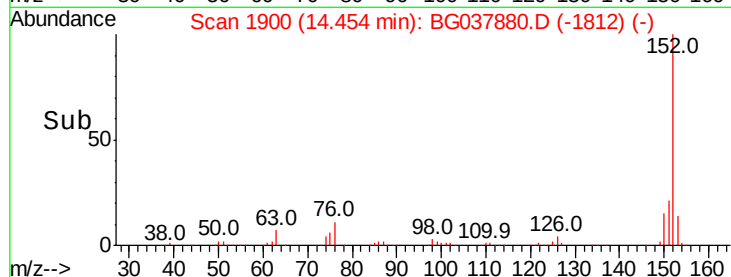
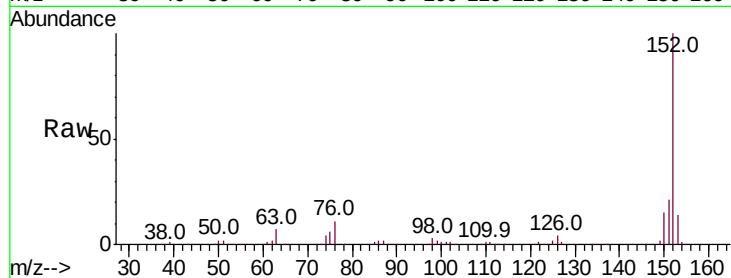
ClientSampleId :

PB114465BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
152	100		
151	21.4	17.1	25.7
153	13.5	11.1	16.7

Manual Integrations
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#50

Dimethylphthalate

Concen: 39.125 ng

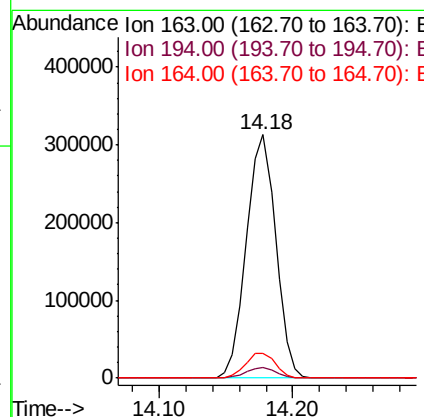
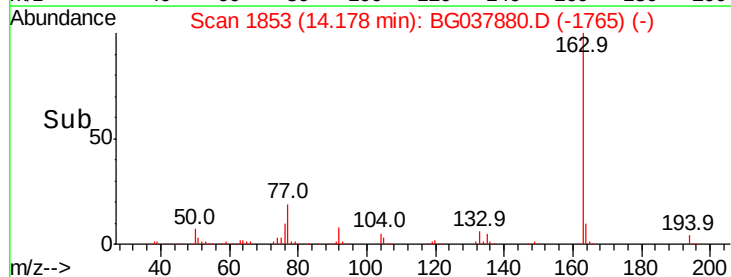
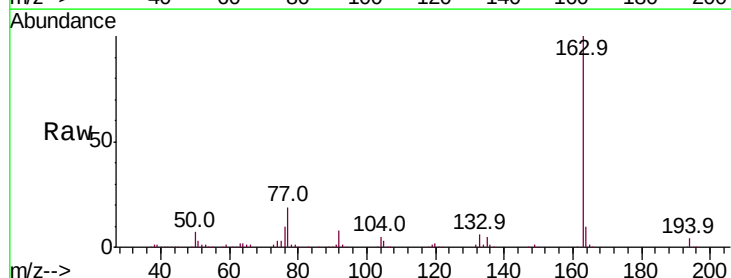
RT: 14.18 min Scan# 1853

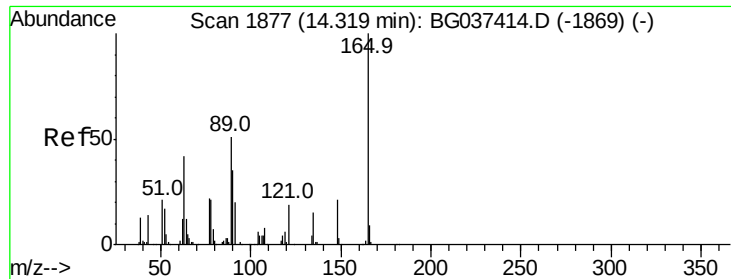
Delta R.T. -0.01 min

Lab File: BG037880.D

Acq: 8 Nov 2018 1:12

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	4.5	3.5	5.3
164	10.1	8.5	12.7





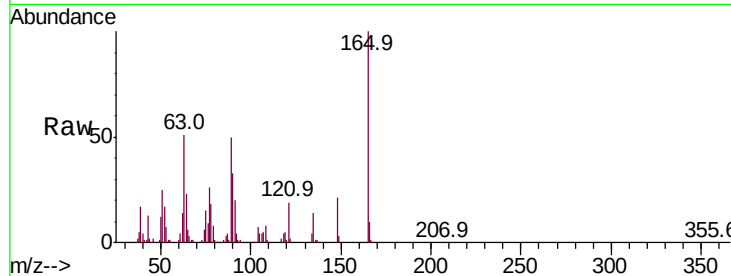
#51
2,6-Dinitrotoluene
Concen: 40.719 ng
RT: 14.31 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG037880.D
Acq: 8 Nov 2018 1:12

Instrument :
BNA_G
ClientSampleId :
PB114465BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	109426		
63	51.4	43.4	65.2	
89	50.4	45.8	68.6	

Manual Integrations
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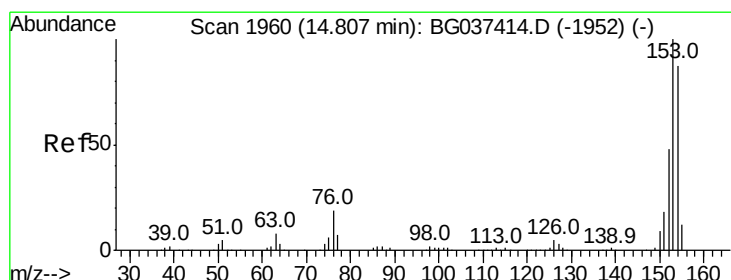
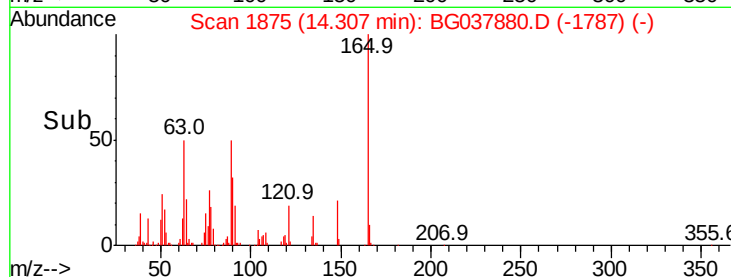
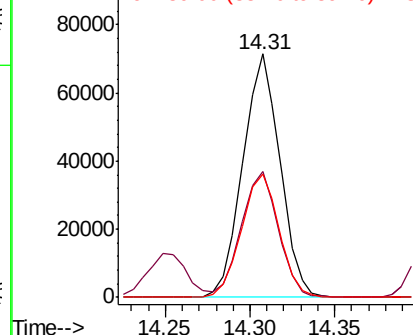


Abundance

Ion 165.00 (164.70 to 165.70): E

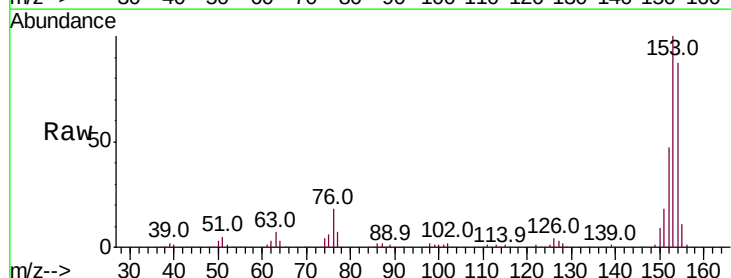
Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52
Acenaphthene
Concen: 39.671 ng
RT: 14.79 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BG037880.D
Acq: 8 Nov 2018 1:12

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	361592		
153	114.9	93.4	140.0	
152	54.0	44.7	67.1	

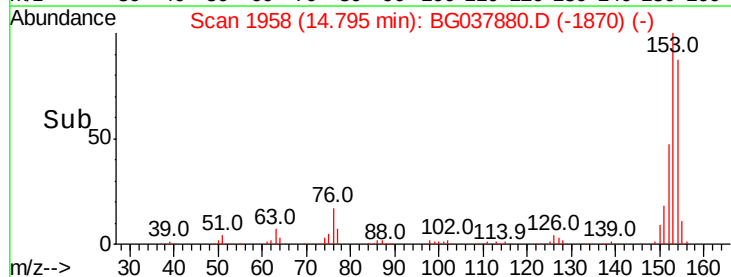
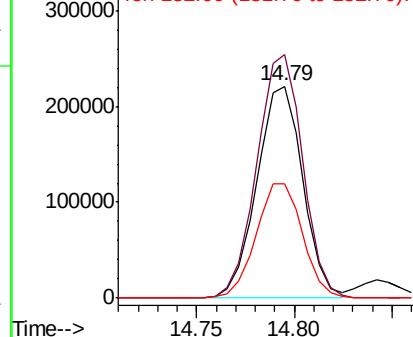


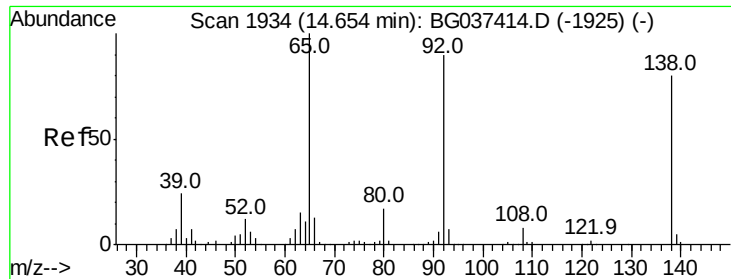
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





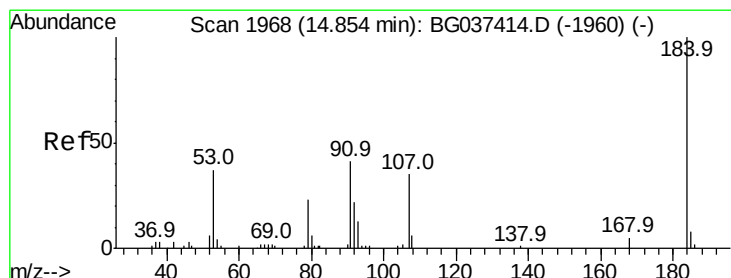
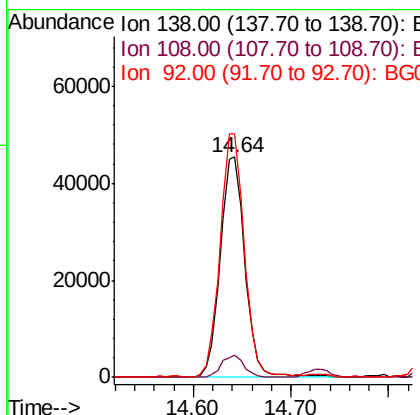
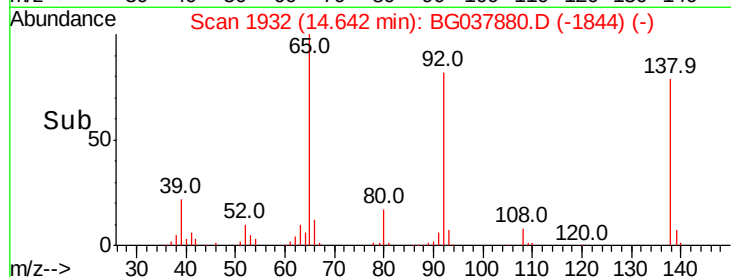
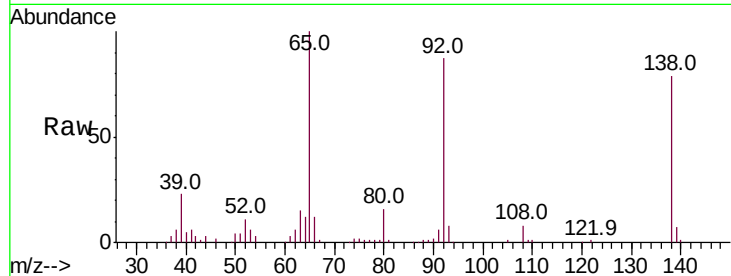
#53
 3-Nitroaniline
 Concen: 26.544 ng
 RT: 14.64 min Scan# 1932
 Delta R.T. -0.01 min
 Lab File: BG037880.D
 Acq: 8 Nov 2018 1:12

Instrument :
 BNA_G
 ClientSampleId :
 PB114465BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.1	11.0	16.6#
92	110.3	95.2	142.8

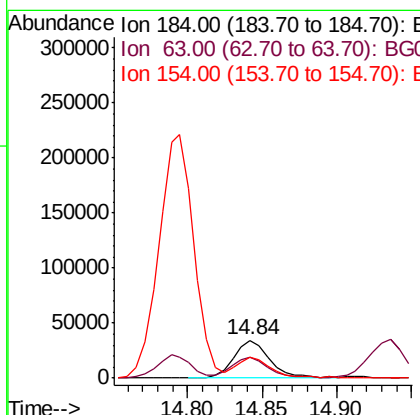
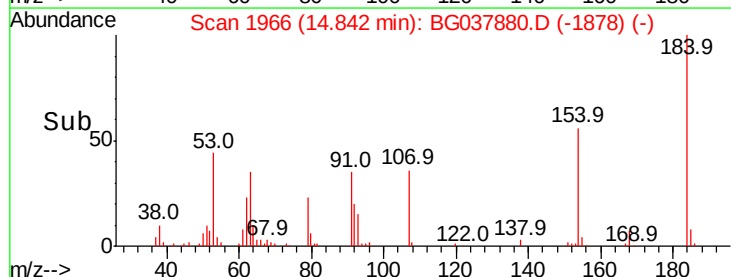
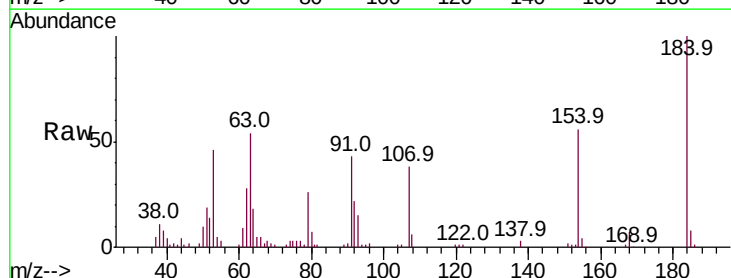
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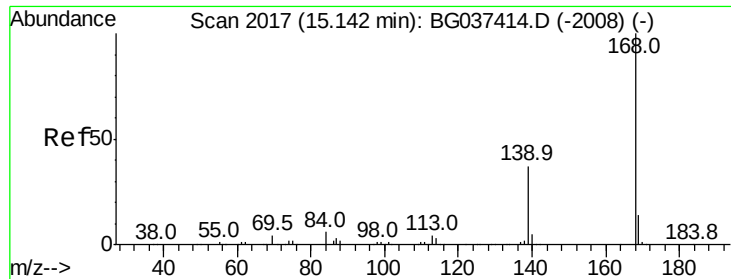
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#54
 2,4-Dinitrophenol
 Concen: 58.952 ng
 RT: 14.84 min Scan# 1966
 Delta R.T. -0.01 min
 Lab File: BG037880.D
 Acq: 8 Nov 2018 1:12

Tgt Ion	Ratio	Lower	Upper
184	100		
63	54.1	42.6	63.8
154	56.0	41.8	62.6





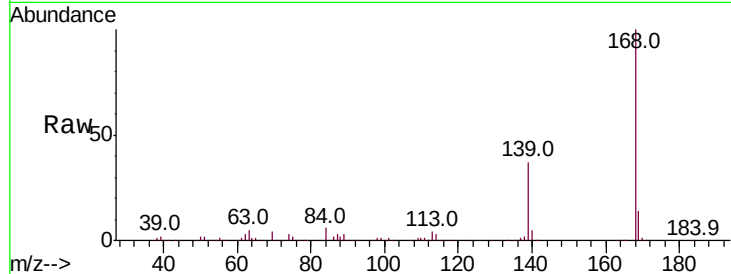
#55
Dibenzofuran
Concen: 38.052 ng
RT: 15.12 min Scan# 2014
Delta R.T. -0.02 min
Lab File: BG037880.D
Acq: 8 Nov 2018 1:12

Instrument :
BNA_G
ClientSampleId :
PB114465BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.4	29.4	44.0
169	13.5	11.0	16.6

Manual Integrations
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11/9/2018 1:37:07 PM

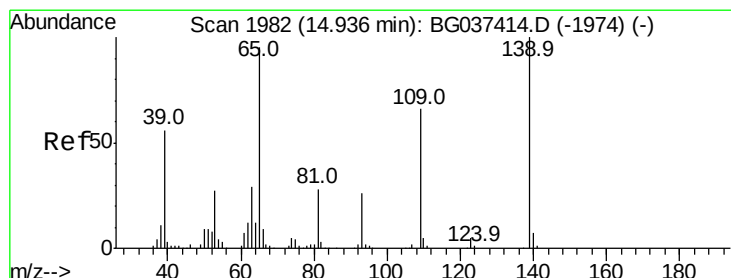
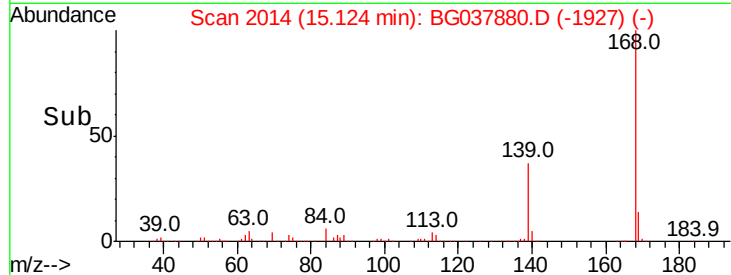
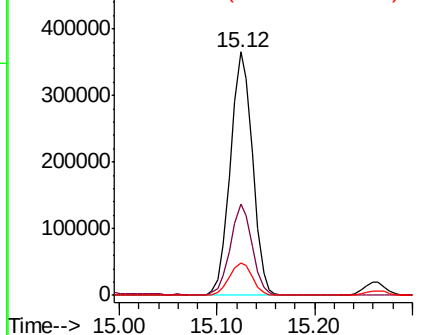


Abundance

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



#56
4-Nitrophenol
Concen: 100.887 ng
RT: 14.94 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BG037880.D
Acq: 8 Nov 2018 1:12

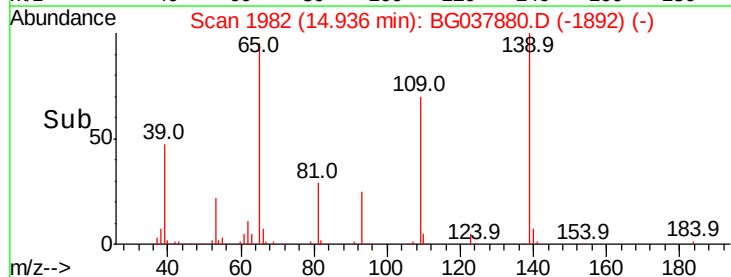
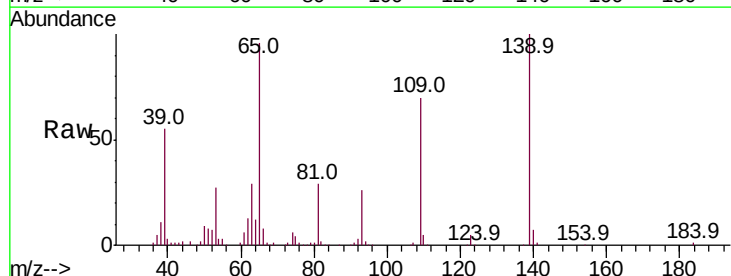
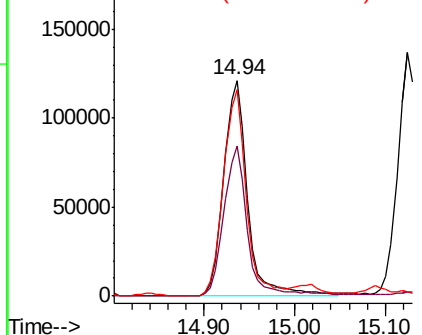
Tgt Ion	Ratio	Lower	Upper
139	100		
109	69.7	49.5	89.5
65	96.1	76.8	116.8

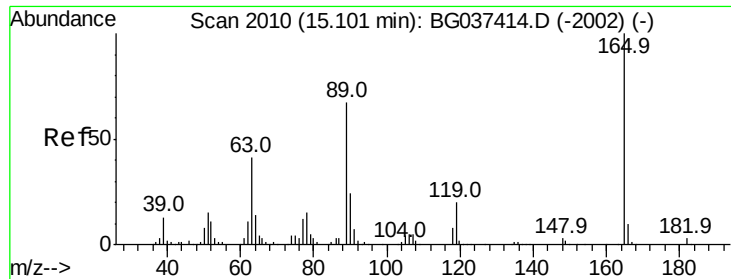
Abundance

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): BGO





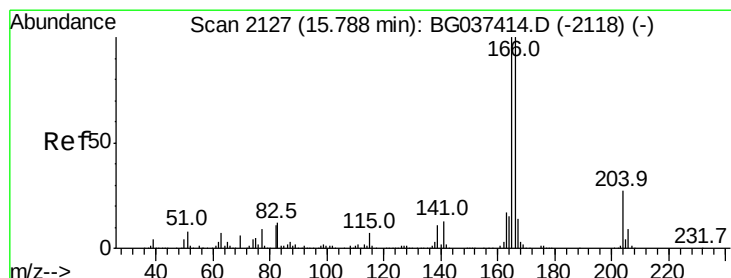
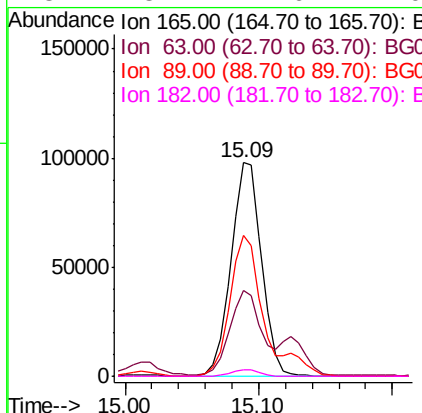
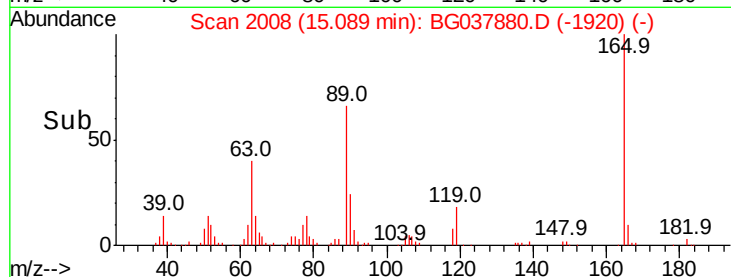
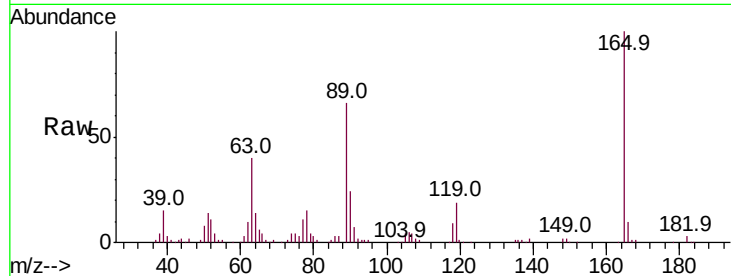
#57
2,4-Dinitrotoluene
Concen: 44.156 ng
RT: 15.09 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BG037880.D
Acq: 8 Nov 2018 1:12

Instrument :
BNA_G
ClientSampleId :
PB114465BSD

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	40.3	33.4	50.0
89	66.2	57.2	85.8
182	3.1	2.6	4.0

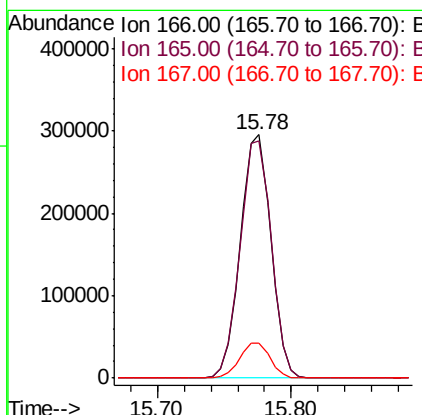
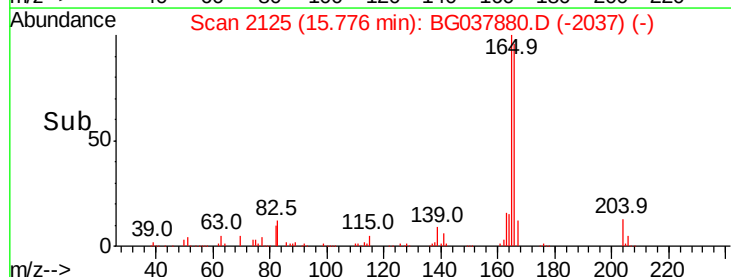
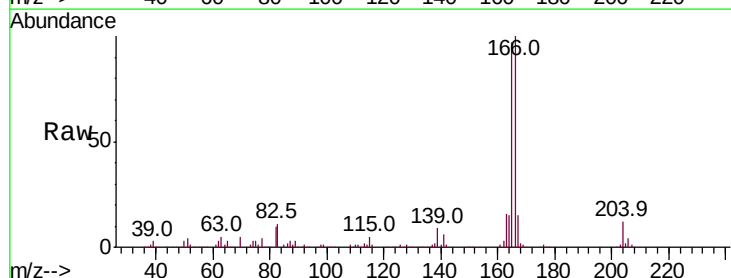
Manual Integrations
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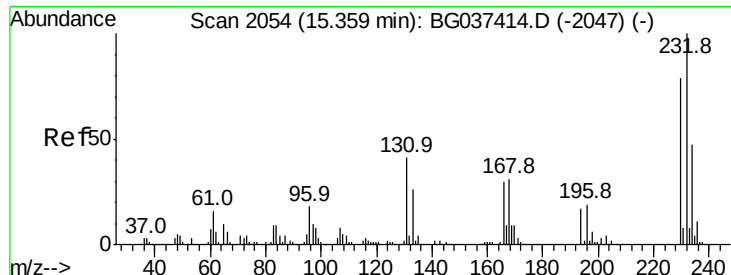
Sohil
11/9/2018 1:37:07 PM



#58
Fluorene
Concen: 41.424 ng
RT: 15.78 min Scan# 2125
Delta R.T. -0.01 min
Lab File: BG037880.D
Acq: 8 Nov 2018 1:12

Tgt Ion	Ratio	Resp Lower	Upper
166	100		
165	97.5	79.0	118.6
167	14.5	11.3	16.9





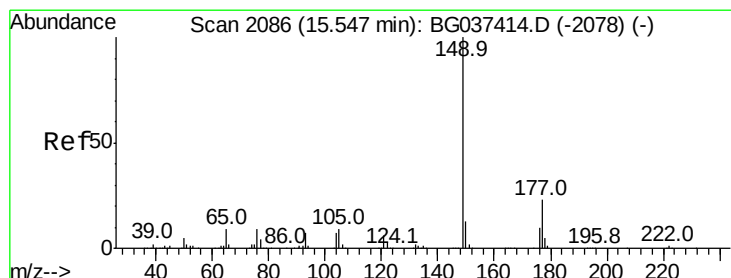
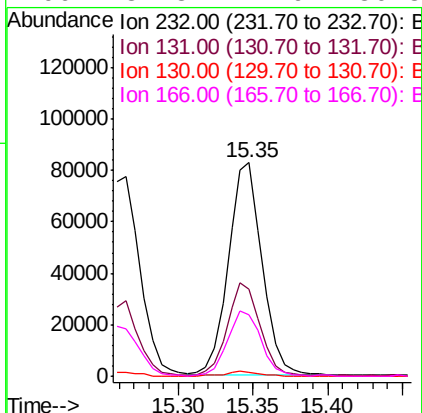
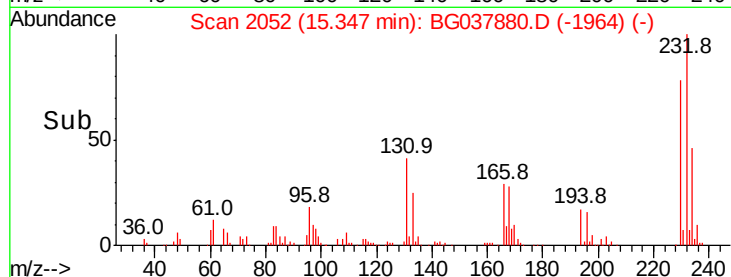
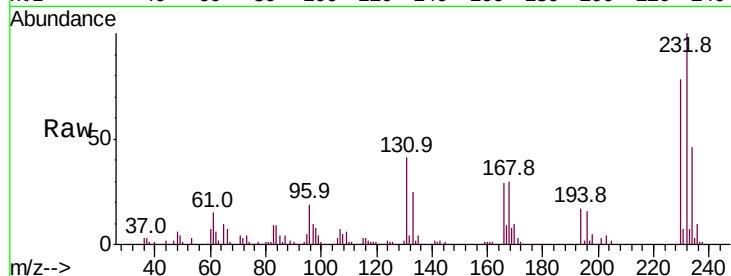
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.337 ng
 RT: 15.35 min Scan# 2052
 Delta R.T. -0.01 min
 Lab File: BG037880.D
 Acq: 8 Nov 2018 1:12

Instrument :
 BNA_G
 ClientSampleId :
 PB114465BSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	130395		
131	42.6		33.7	50.5
130	2.3		2.1	3.1
166	31.3		24.6	36.8

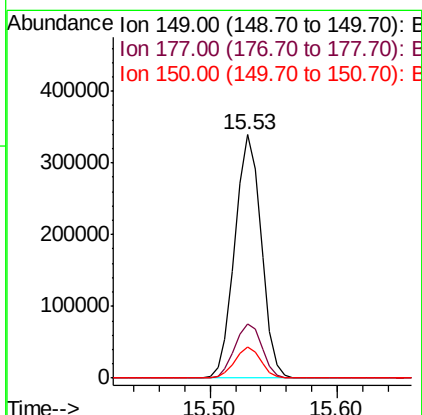
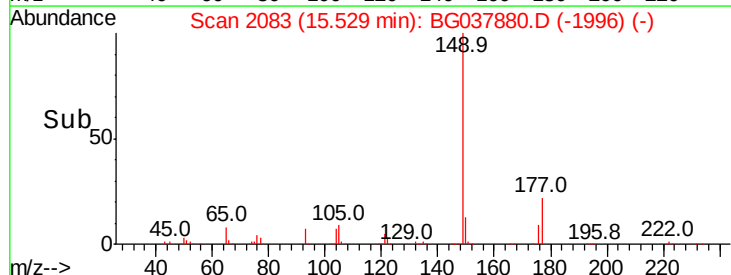
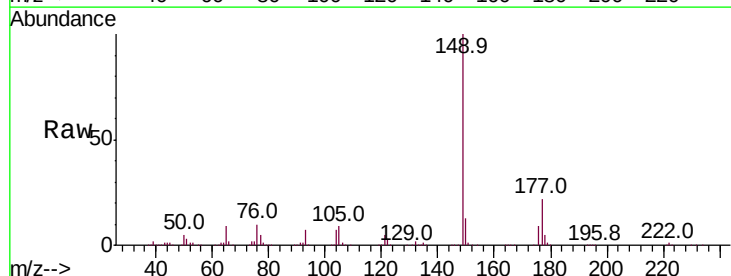
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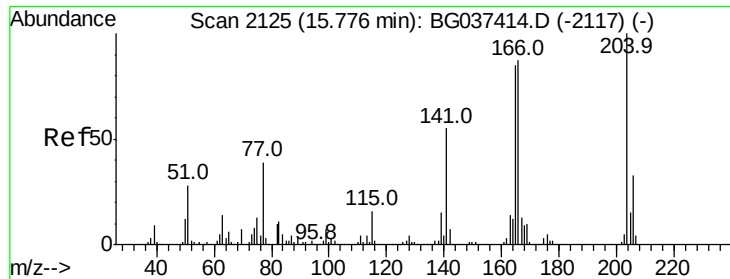
Sohil
 11/9/2018 1:37:07 PM



#60
 Diethylphthalate
 Concen: 38.914 ng
 RT: 15.53 min Scan# 2083
 Delta R.T. -0.02 min
 Lab File: BG037880.D
 Acq: 8 Nov 2018 1:12

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	485319		
177	22.3		18.3	27.5
150	12.7		10.0	15.0





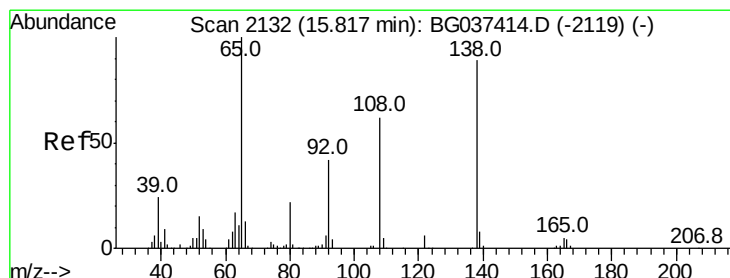
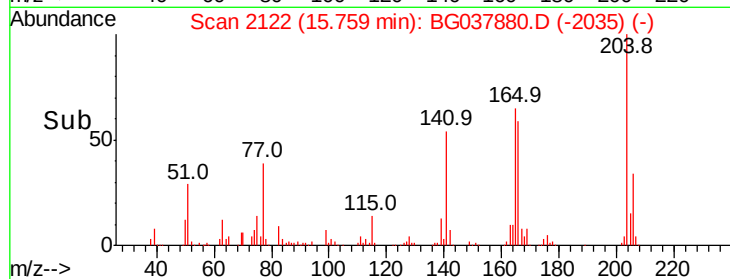
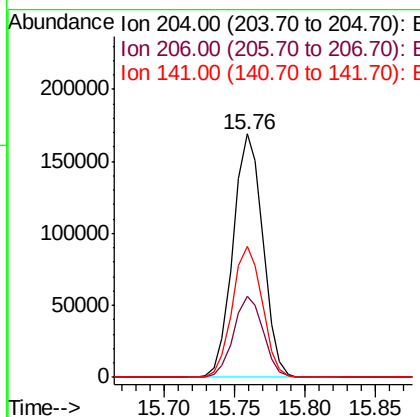
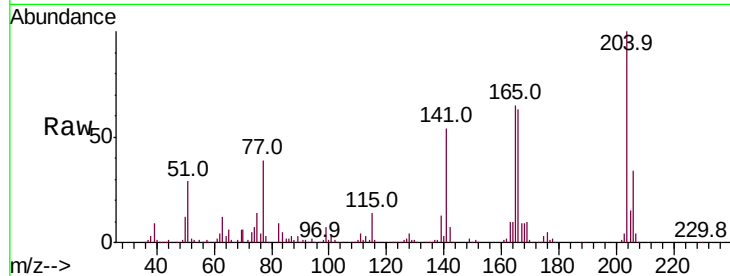
#61
 4-Chlorophenyl-phenylether
 Concen: 37.752 ng
 RT: 15.76 min Scan# 2122
 Delta R.T. -0.02 min
 Lab File: BG037880.D
 Acq: 8 Nov 2018 1:12

Instrument :
 BNA_G
 ClientSampled :
 PB114465BSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.6	39.8
141	54.0	45.4	68.2

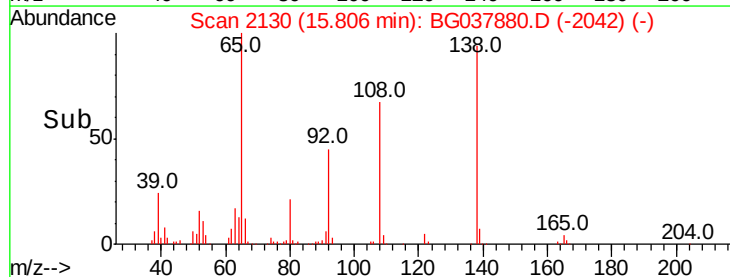
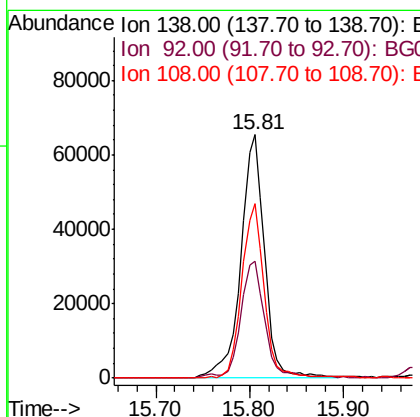
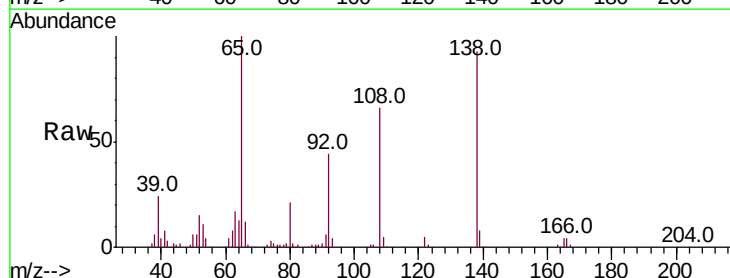
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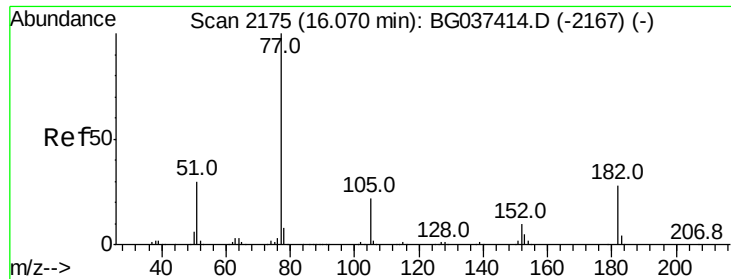
Sohil
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#62
 4-Nitroaniline
 Concen: 38.684 ng
 RT: 15.81 min Scan# 2130
 Delta R.T. -0.01 min
 Lab File: BG037880.D
 Acq: 8 Nov 2018 1:12

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.9	36.4	76.4
108	71.5	60.1	100.1





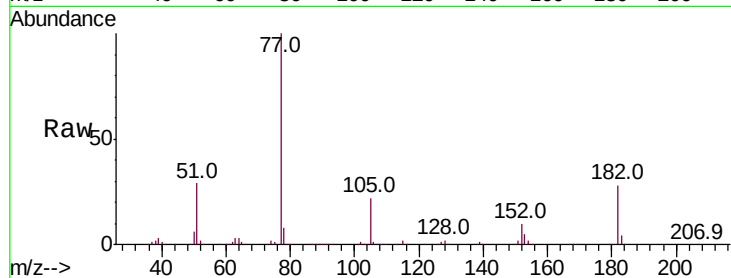
#63
Azobenzene
Concen: 38.571 ng
RT: 16.05 min Scan# 2172
Delta R.T. -0.02 min
Lab File: BG037880.D
Acq: 8 Nov 2018 1:12

Instrument :
BNA_G
ClientSampleId :
PB114465BSD

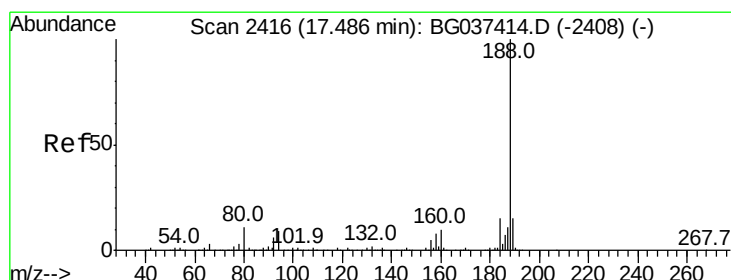
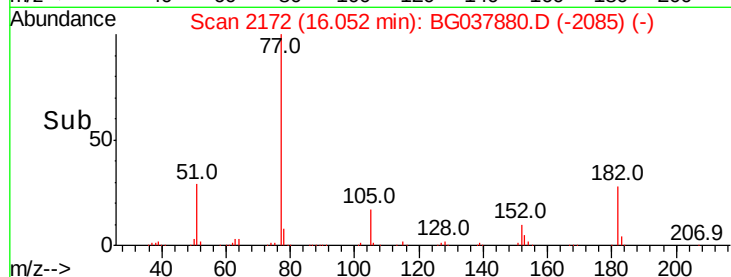
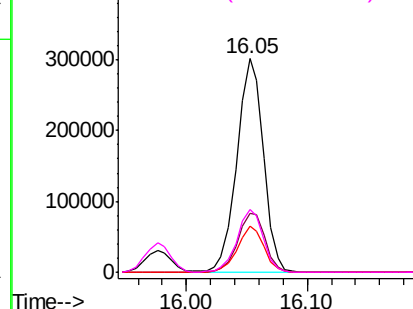
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		458966		
182	27.8	8.0	48.0		
105	21.6	1.3	41.3		
51	29.4	10.7	50.7		

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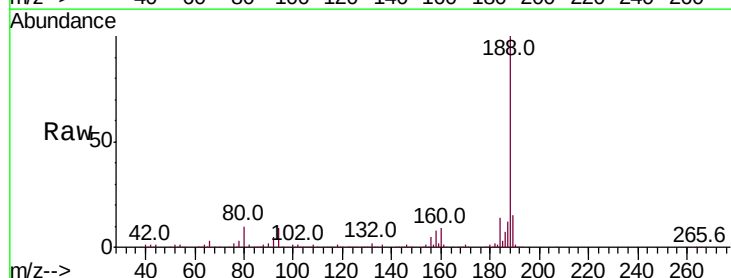


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

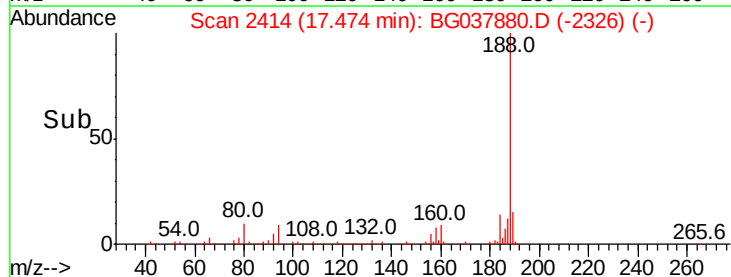
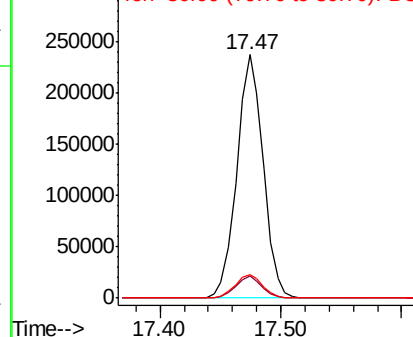


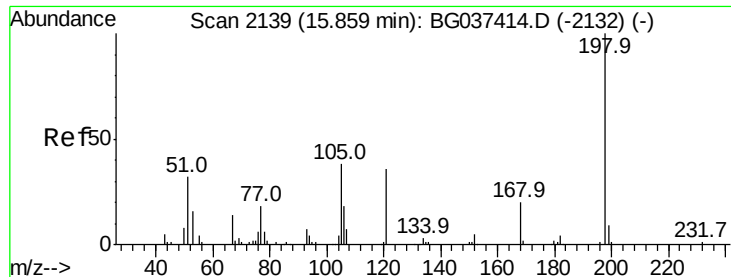
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BG037880.D
Acq: 8 Nov 2018 1:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		360232		
94	9.2	7.2	10.8		
80	9.7	7.7	11.5		



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





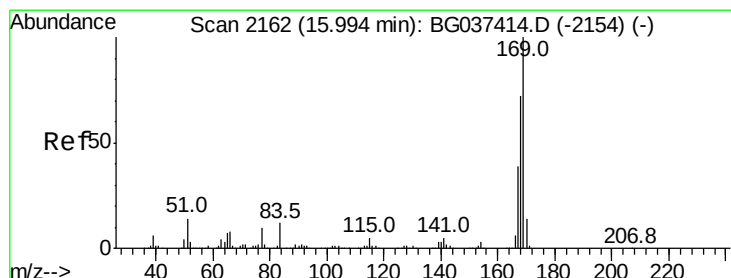
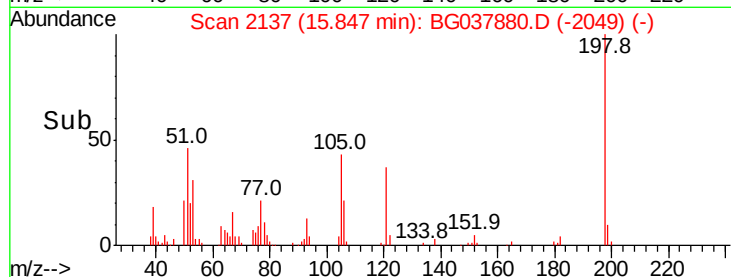
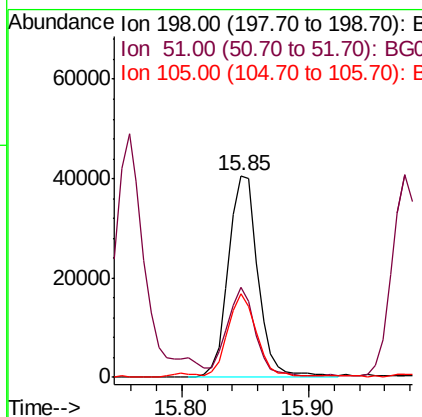
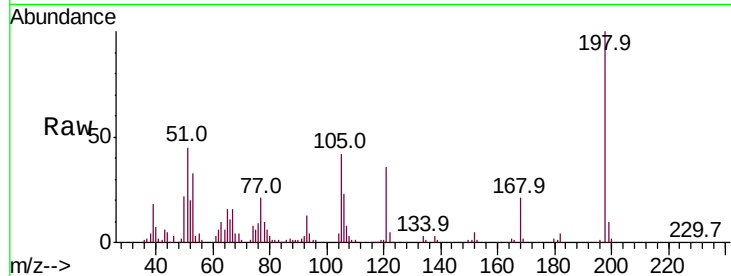
#65
4,6-Dinitro-2-methylphenol
Concen: 37.186 ng
RT: 15.85 min Scan# 2137
Delta R.T. -0.01 min
Lab File: BG037880.D
Acq: 8 Nov 2018 1:12

Instrument :
BNA_G
ClientSampleId :
PB114465BSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	65890		
51	44.6	22.7	62.7	
105	41.7	19.7	59.7	

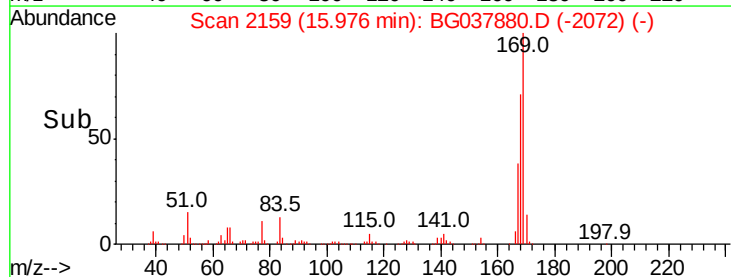
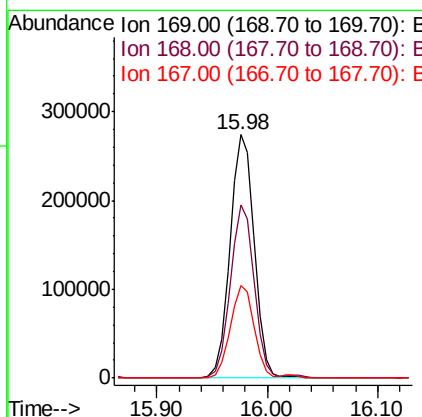
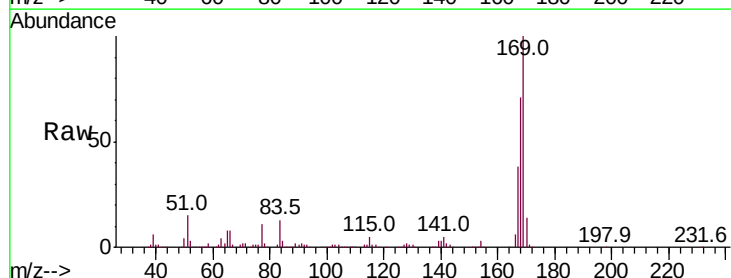
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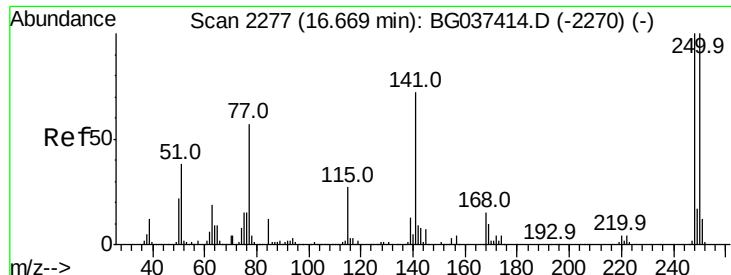
Sohil
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#66
n-Nitrosodiphenylamine
Concen: 38.915 ng
RT: 15.98 min Scan# 2159
Delta R.T. -0.02 min
Lab File: BG037880.D
Acq: 8 Nov 2018 1:12

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	421673		
168	71.0	55.7	83.5	
167	38.2	31.3	46.9	





#67

4-Bromophenyl-phenylether

Concen: 39.018 ng

RT: 16.66 min Scan# 2275

Delta R.T. -0.01 min

Lab File: BG037880.D

Acq: 8 Nov 2018 1:12

Instrument :

BNA_G

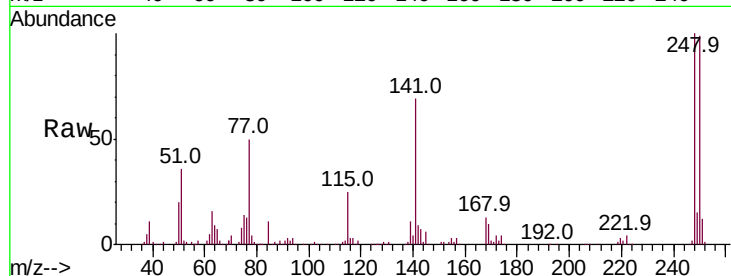
ClientSampled :

PB114465BSD

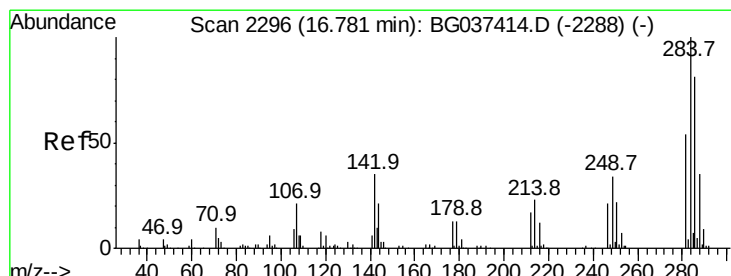
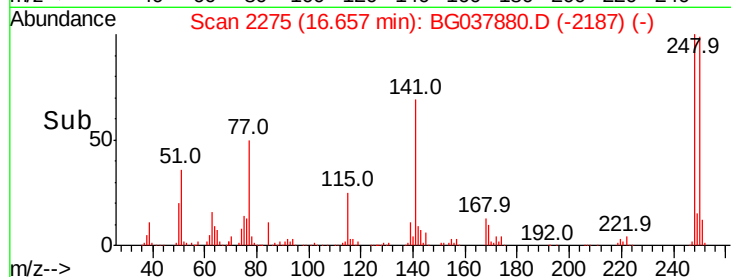
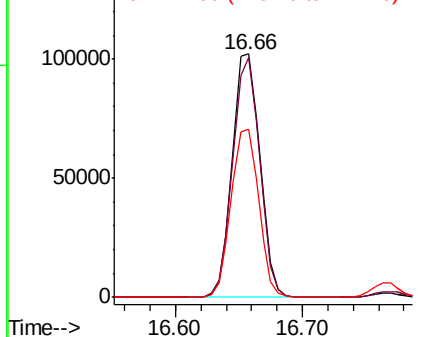
Tot Ion:	248	Resp:	154351
Ion Ratio	Lower	Upper	
248	100		
250	98.7	77.0	115.6
141	69.3	55.5	83.3

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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: 37.744 ng

RT: 16.77 min Scan# 2294

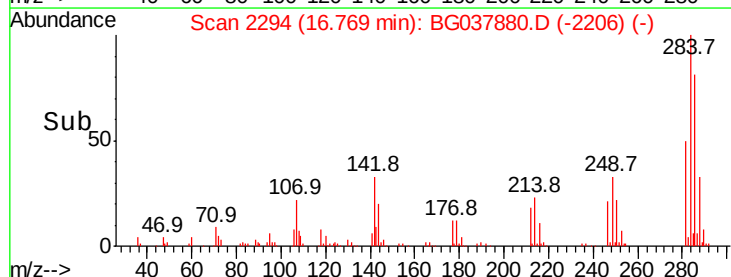
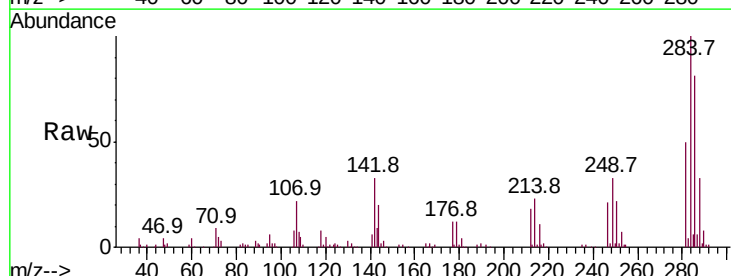
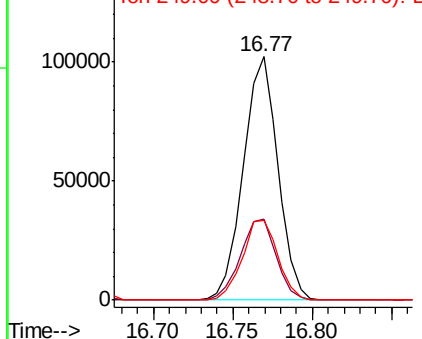
Delta R.T. -0.01 min

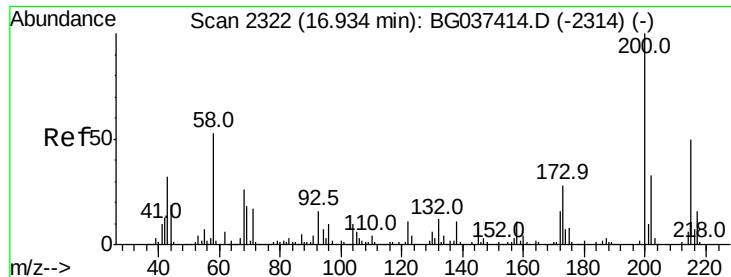
Lab File: BG037880.D

Acq: 8 Nov 2018 1:12

Tgt Ion:	284	Resp:	154750
Ion Ratio	Lower	Upper	
284	100		
142	33.3	28.1	42.1
249	34.9	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





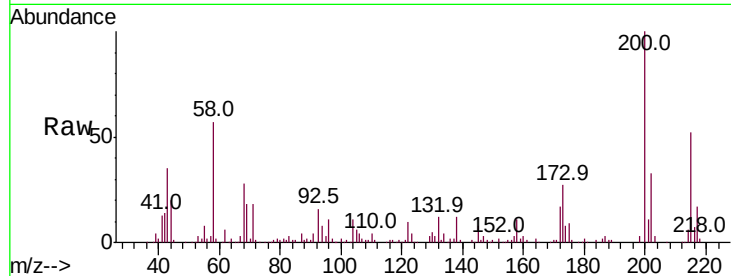
#69
 Atrazine
 Concen: 39.878 ng
 RT: 16.92 min Scan# 2319
 Delta R.T. -0.02 min
 Lab File: BG037880.D
 Acq: 8 Nov 2018 1:12

Instrument :
 BNA_G
 ClientSampleId :
 PB114465BSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	27.3	6.1	46.1
215	51.6	30.8	70.8

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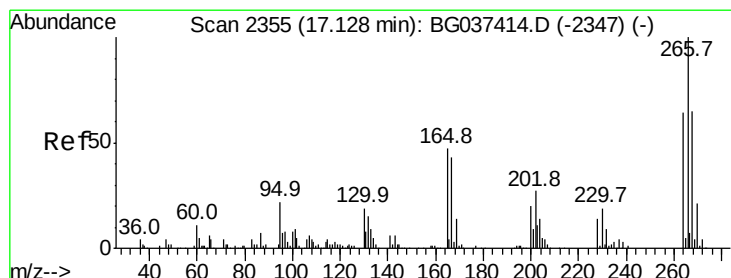
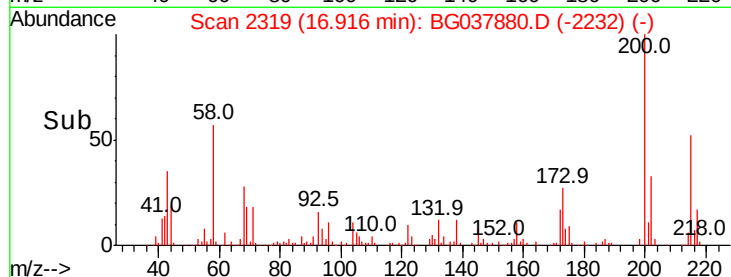
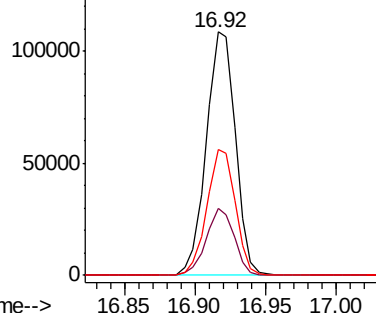


Abundance

Ion 200.00 (199.70 to 200.70): E

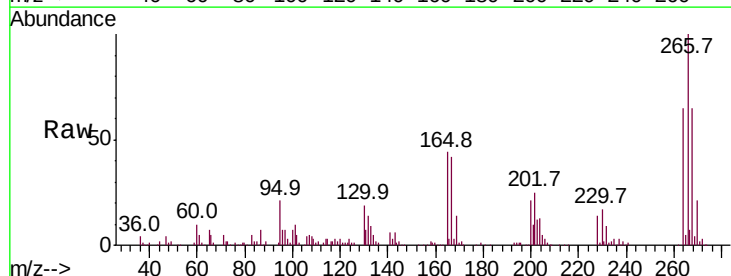
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 60.104 ng
 RT: 17.12 min Scan# 2353
 Delta R.T. -0.01 min
 Lab File: BG037880.D
 Acq: 8 Nov 2018 1:12

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	69.6	55.0	82.6
264	70.4	58.9	88.3

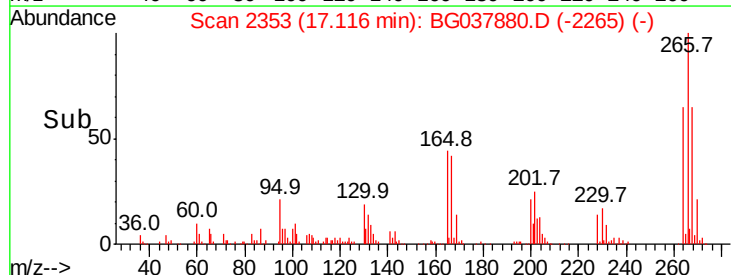
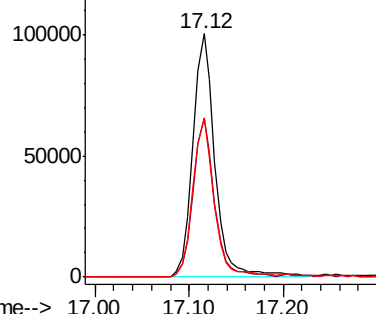


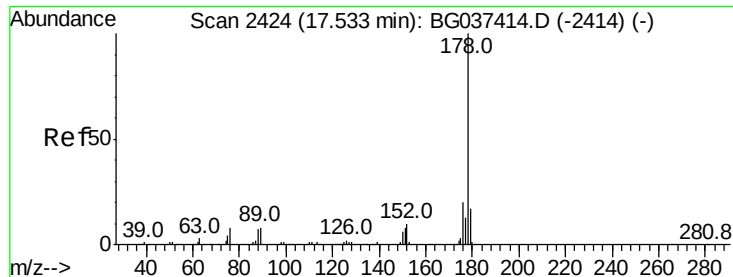
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





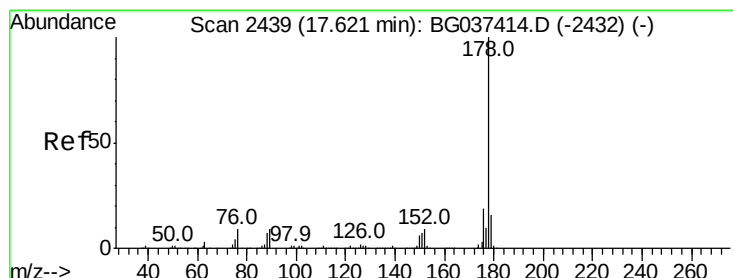
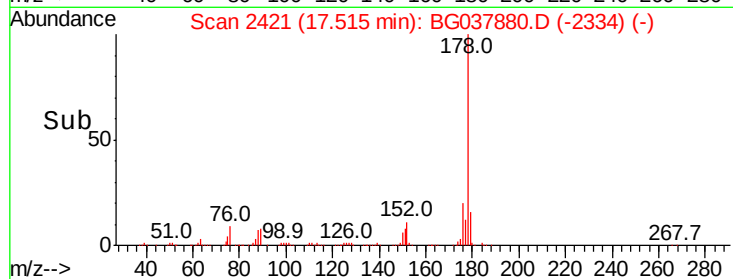
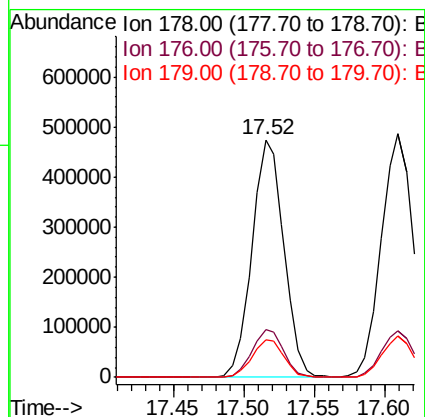
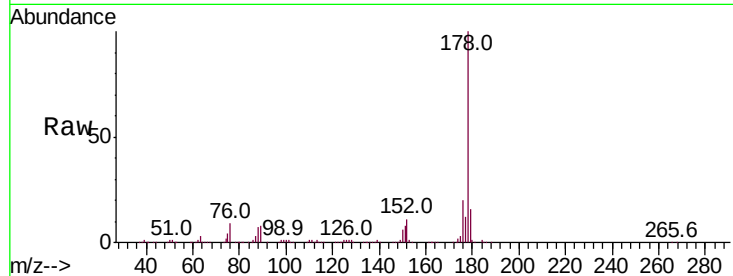
#71
Phenanthrene
Concen: 41.049 ng
RT: 17.52 min Scan# 2421
Delta R.T. -0.02 min
Lab File: BG037880.D
Acq: 8 Nov 2018 1:12

Instrument :
BNA_G
ClientSampleId :
PB114465BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.1	24.1
179	16.1	13.0	19.4

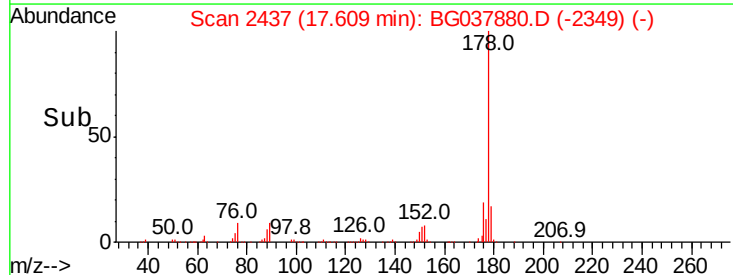
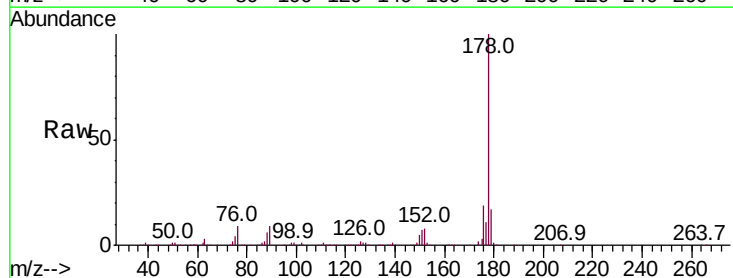
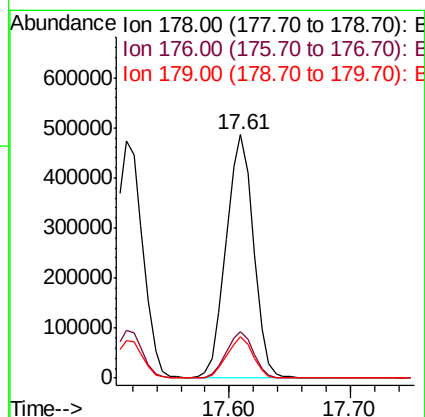
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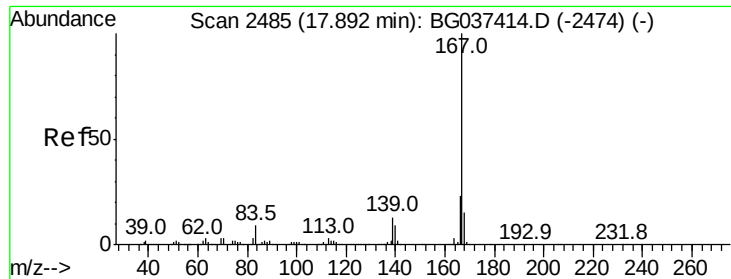
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#72
Anthracene
Concen: 42.514 ng
RT: 17.61 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG037880.D
Acq: 8 Nov 2018 1:12

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.0	22.4
179	16.7	12.8	19.2





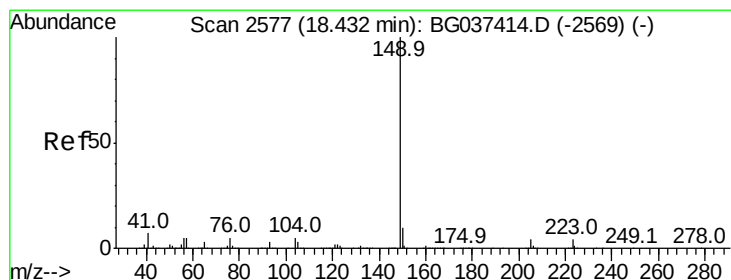
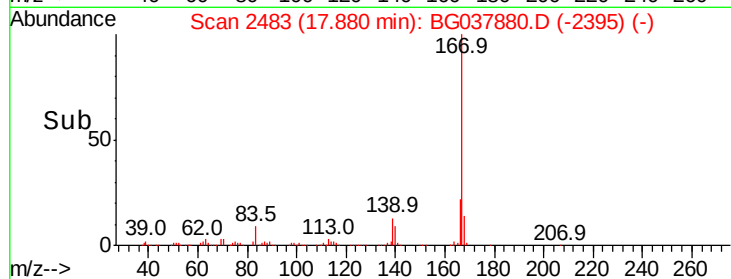
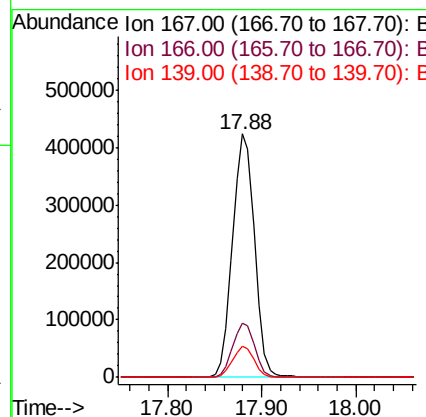
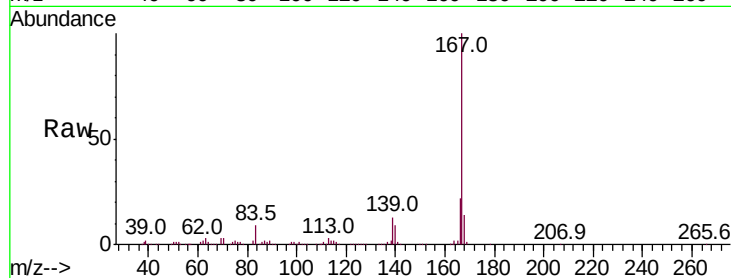
#73
 Carbazole
 Concen: 38.336 ng
 RT: 17.88 min Scan# 2483
 Delta R.T. -0.01 min
 Lab File: BG037880.D
 Acq: 8 Nov 2018 1:12

Instrument :
 BNA_G
 ClientSampleId :
 PB114465BSD

Tot Ion	Ratio	Resp	Lower	Upper
167	100	688988		
166	22.2	18.3	27.5	
139	12.7	10.5	15.7	

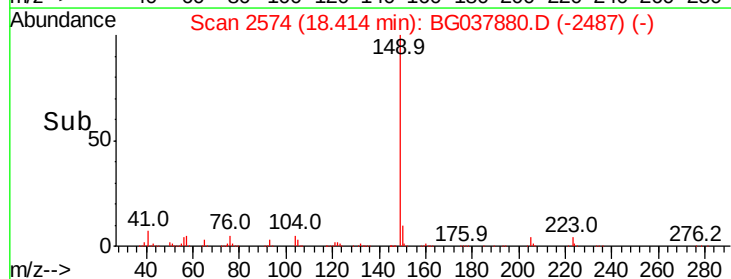
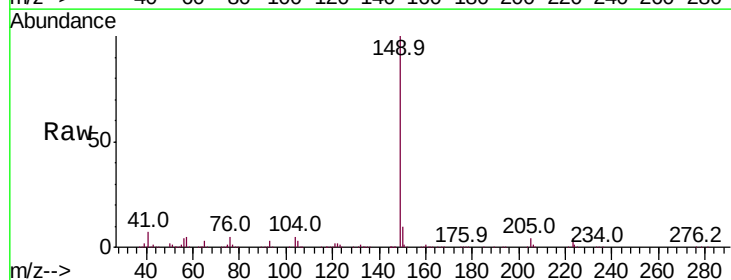
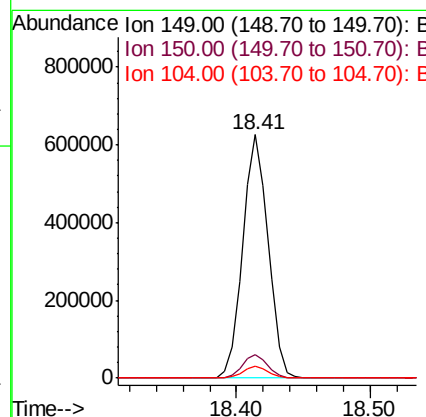
Manual Integrations
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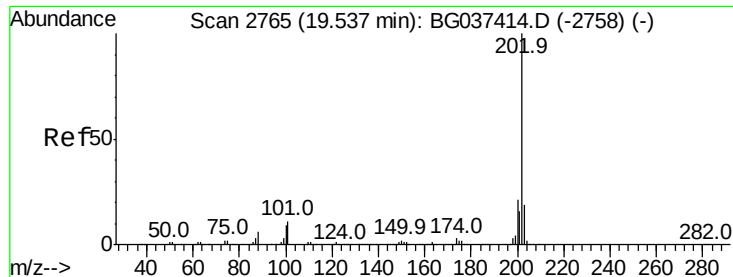
Sohil
 11/9/2018 1:37:07 PM



#74
 Di-n-butylphthalate
 Concen: 41.025 ng
 RT: 18.41 min Scan# 2574
 Delta R.T. -0.02 min
 Lab File: BG037880.D
 Acq: 8 Nov 2018 1:12

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	820197		
150	9.7	8.2	12.2	
104	5.0	4.0	6.0	





#75

Fluoranthene

Concen: 41.765 ng

RT: 19.52 min Scan# 2762

Delta R.T. -0.02 min

Lab File: BG037880.D

Acq: 8 Nov 2018 1:12

Instrument :

BNA_G

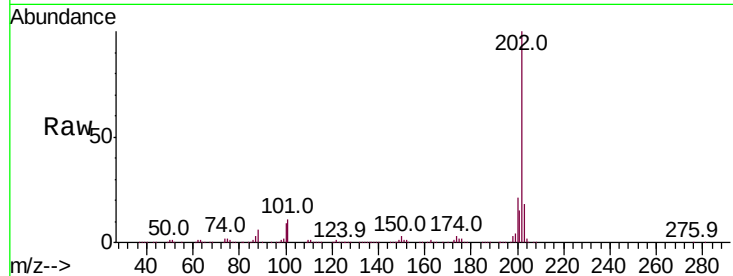
ClientSampleId :

PB114465BSD

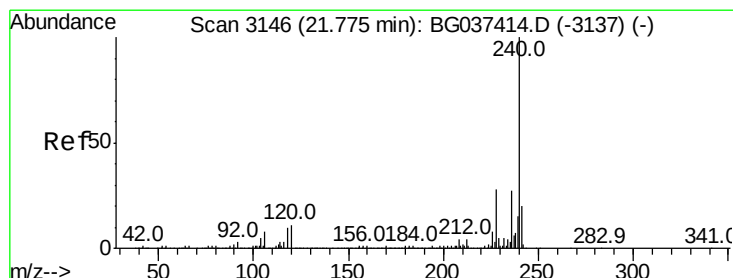
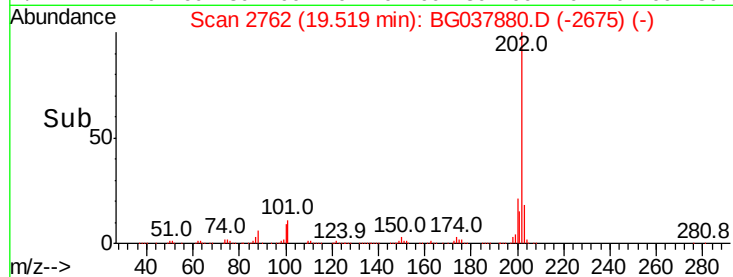
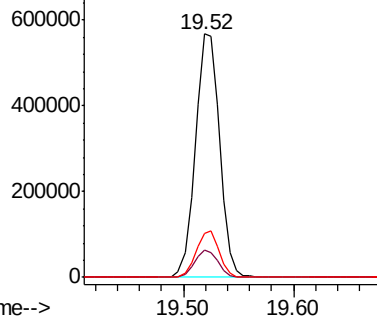
Tot Ion:	202	Resp:	867251
Ion Ratio	Lower	Upper	
202	100		
101	11.1	0.0	30.7
203	18.3	0.0	38.5

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3143

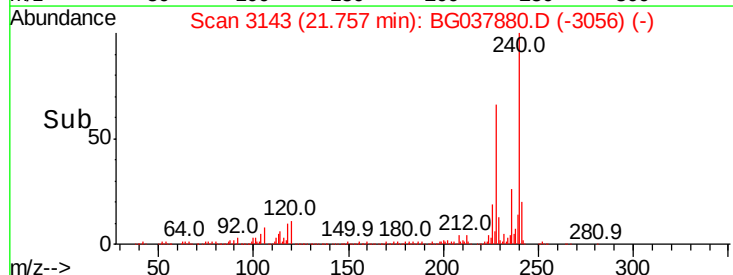
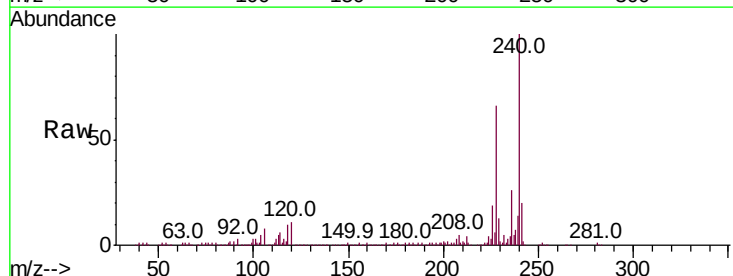
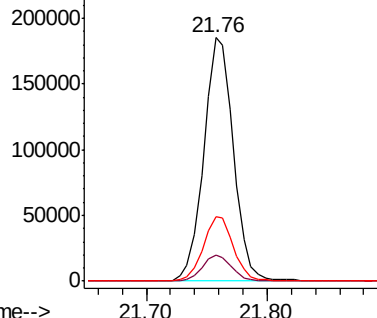
Delta R.T. -0.02 min

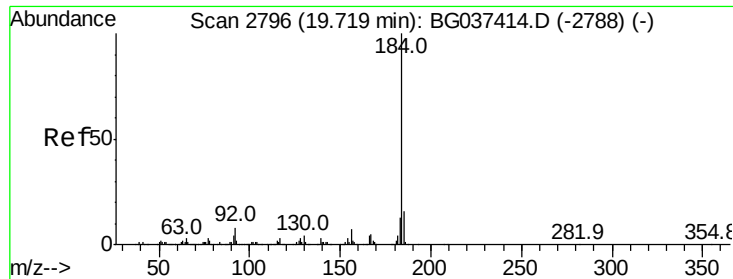
Lab File: BG037880.D

Acq: 8 Nov 2018 1:12

Tgt Ion:	240	Resp:	316571
Ion Ratio	Lower	Upper	
240	100		
120	10.8	8.1	12.1
236	26.4	21.4	32.0

Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 25.434 ng

RT: 19.71 min Scan# 2794

Delta R.T. -0.01 min

Lab File: BG037880.D

Acq: 8 Nov 2018 1:12

Instrument :

BNA_G

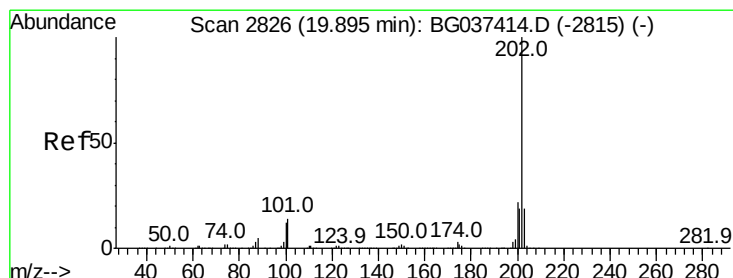
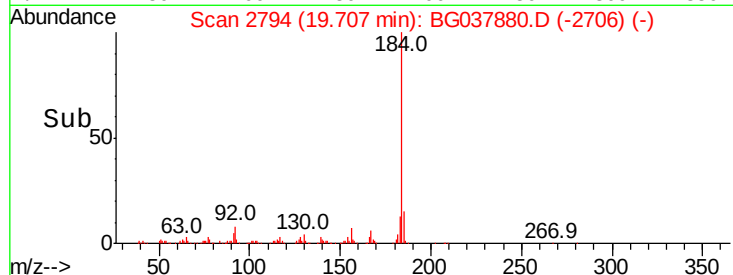
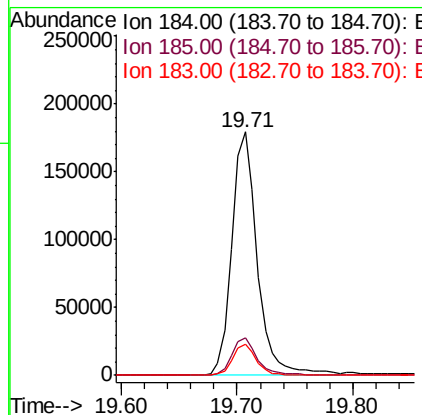
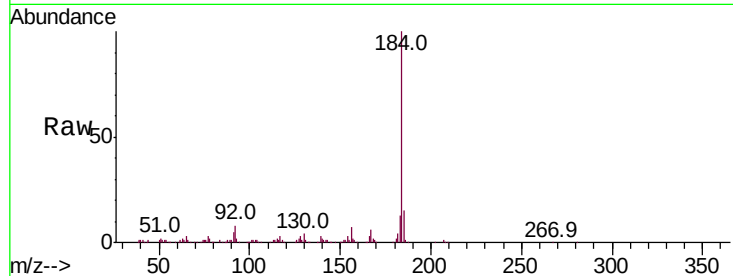
ClientSampleId :

PB114465BSD

Tot Ion:	184	Resp:	273781
Ion Ratio	Lower	Upper	
184	100		
185	15.2	12.6	18.8
183	13.0	10.2	15.2

Manual Integrations
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#78

Pyrene

Concen: 41.599 ng

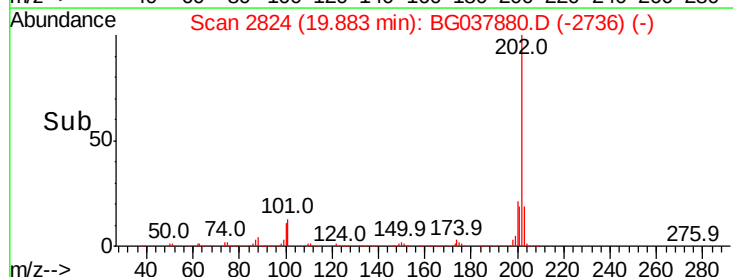
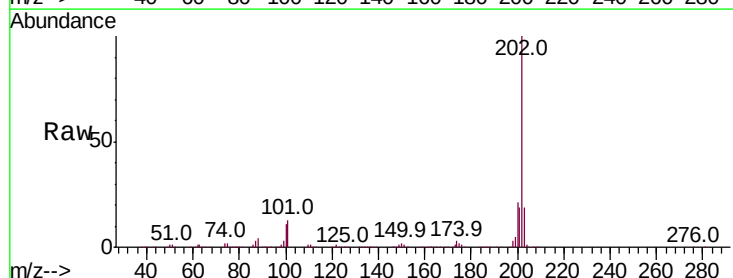
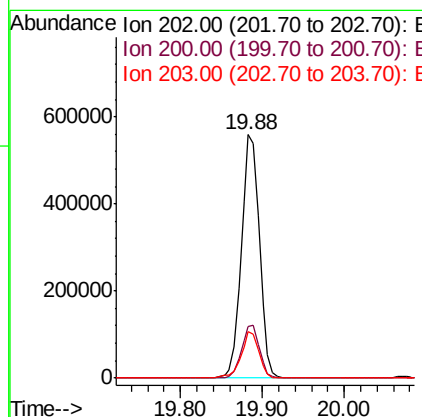
RT: 19.88 min Scan# 2824

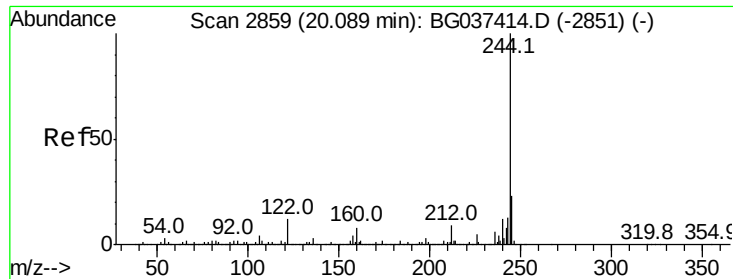
Delta R.T. -0.01 min

Lab File: BG037880.D

Acq: 8 Nov 2018 1:12

Tgt Ion:	202	Resp:	860882
Ion Ratio	Lower	Upper	
202	100		
200	21.4	17.8	26.6
203	18.9	15.2	22.8





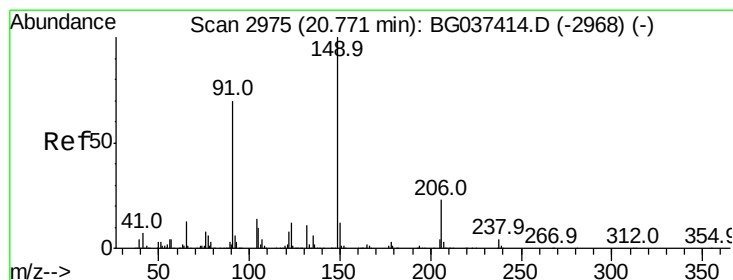
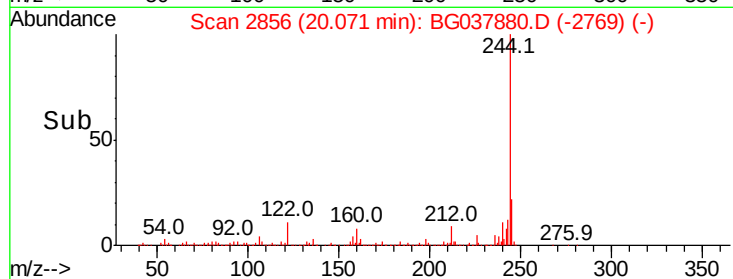
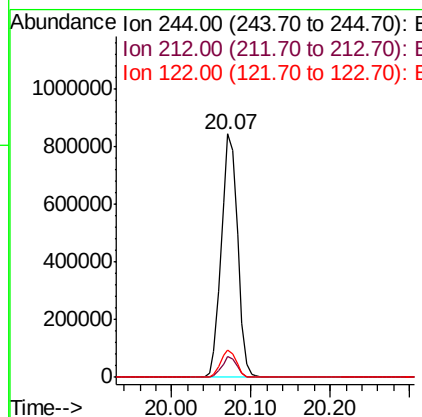
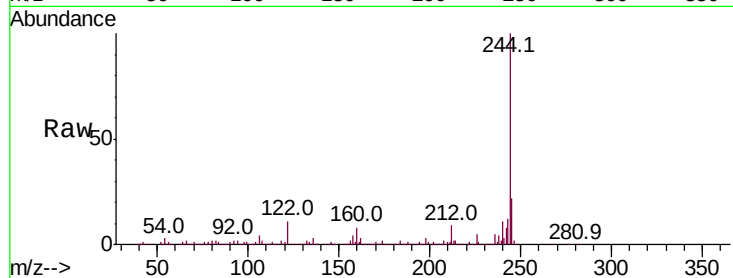
#79
Terphenyl-d14
Concen: 81.431 ng
RT: 20.07 min Scan# 2856
Delta R.T. -0.02 min
Lab File: BG037880.D
Acq: 8 Nov 2018 1:12

Instrument :
BNA_G
ClientSampleId :
PB114465BSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.7	6.5	9.7
122	11.1	9.0	13.4

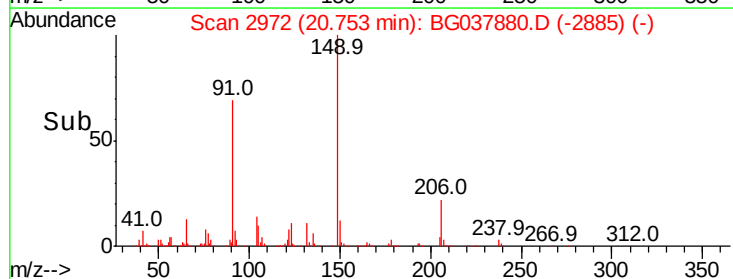
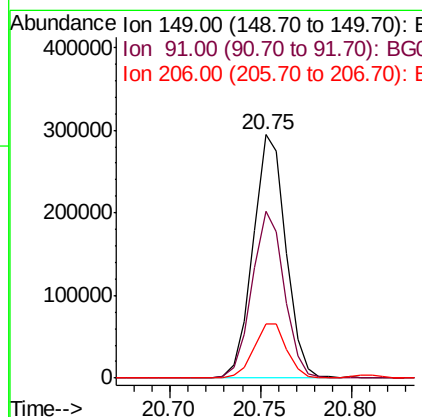
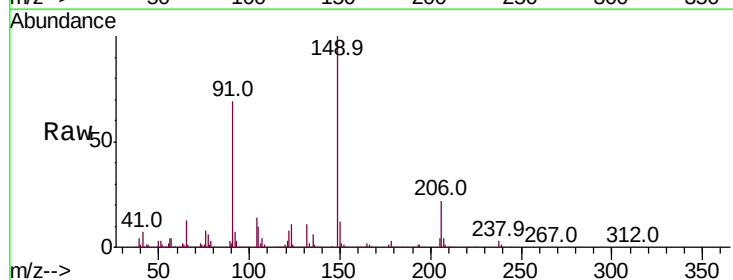
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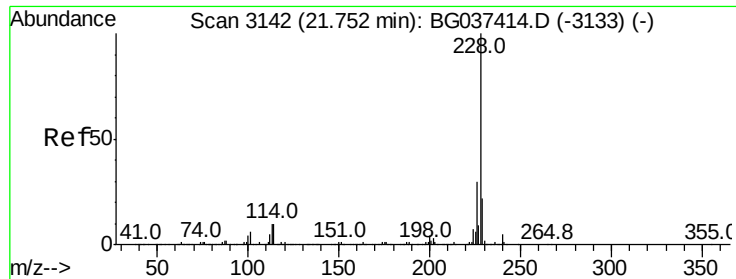
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#80
Butylbenzylphthalate
Concen: 43.642 ng
RT: 20.75 min Scan# 2972
Delta R.T. -0.02 min
Lab File: BG037880.D
Acq: 8 Nov 2018 1:12

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.7	57.0	85.4
206	22.2	17.8	26.6





#81

Benzo(a)anthracene

Concen: 43.035 ng

RT: 21.74 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BG037880.D

Acq: 8 Nov 2018 1:12

Instrument :

BNA_G

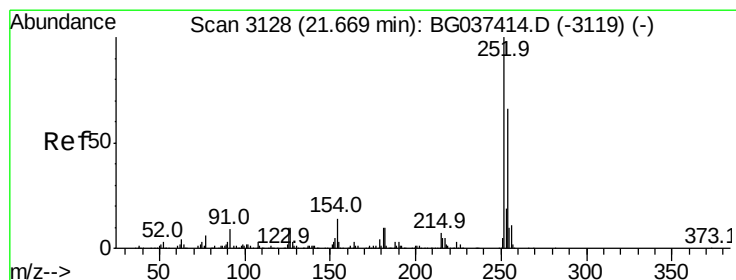
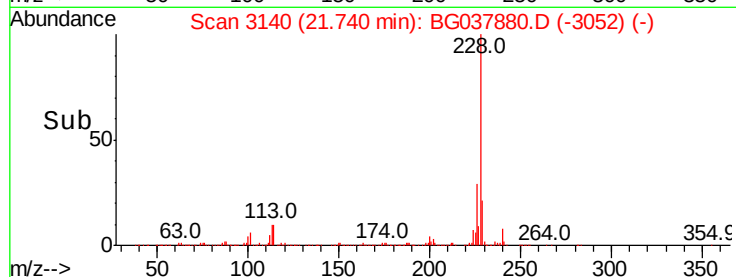
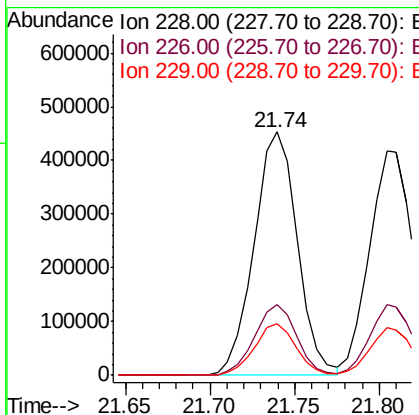
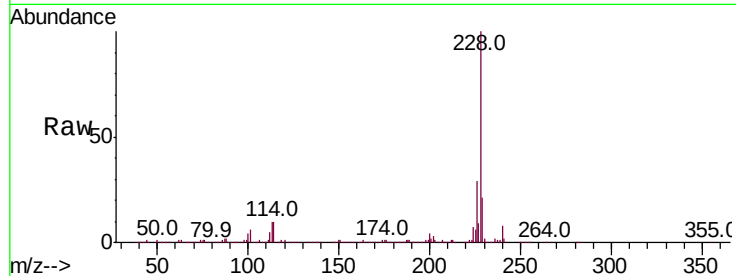
ClientSampleId :

PB114465BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.6	33.8
229	21.2	16.3	24.5

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#82

3,3'-Dichlorobenzidine

Concen: 23.953 ng

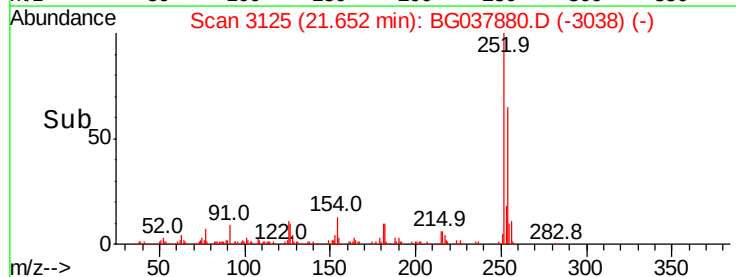
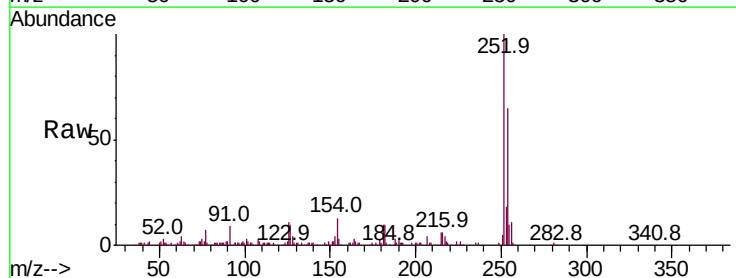
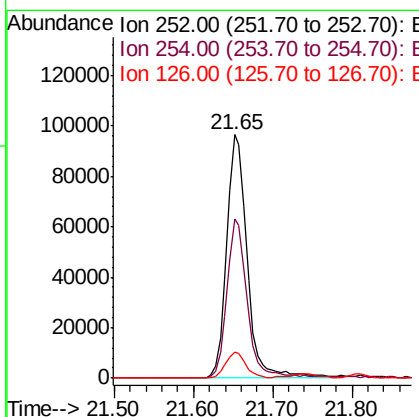
RT: 21.65 min Scan# 3125

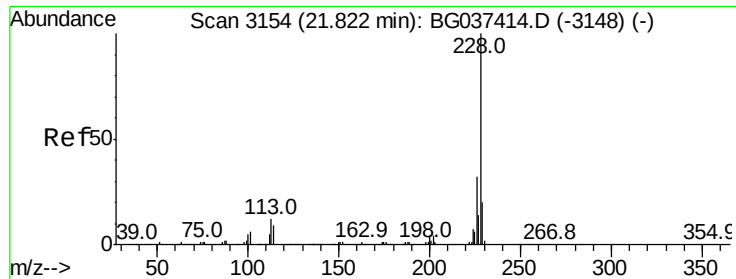
Delta R.T. -0.02 min

Lab File: BG037880.D

Acq: 8 Nov 2018 1:12

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.5	52.0	78.0
126	10.7	8.2	12.4





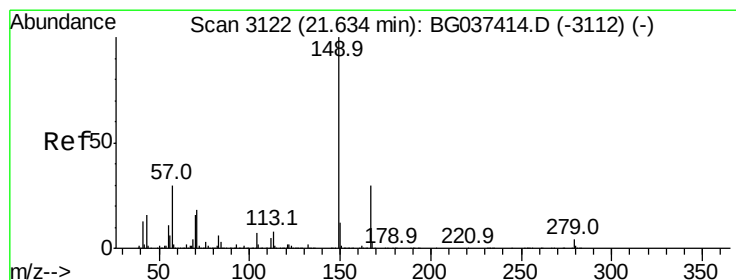
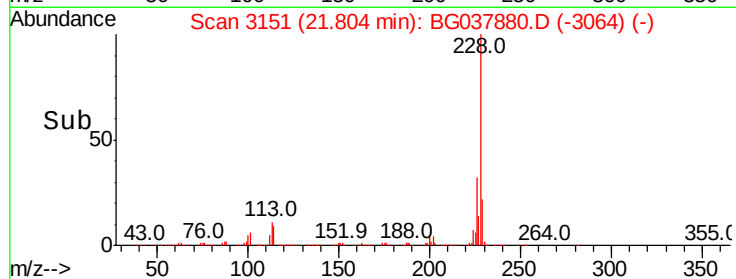
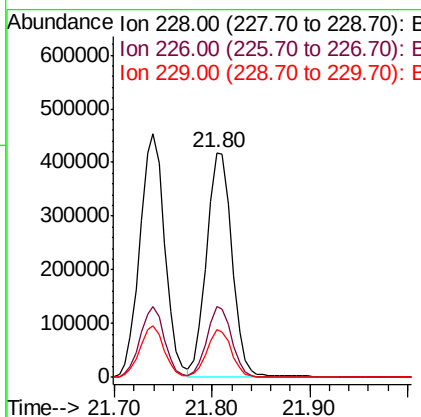
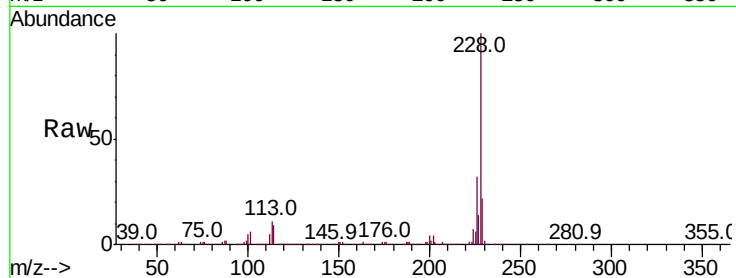
#83
 Chrysene
 Concen: 41.947 ng
 RT: 21.80 min Scan# 3151
 Delta R.T. -0.02 min
 Lab File: BG037880.D
 Acq: 8 Nov 2018 1:12

Instrument :
 BNA_G
 ClientSampleId :
 PB114465BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.8	25.7	38.5
229	21.5	16.5	24.7

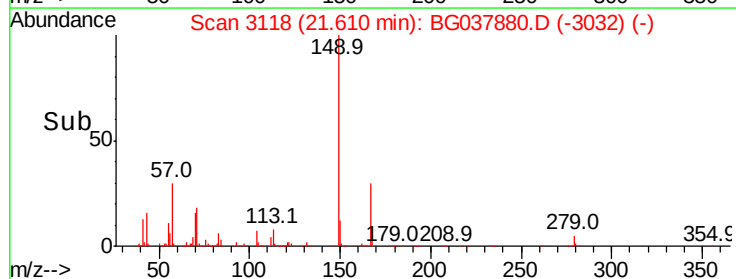
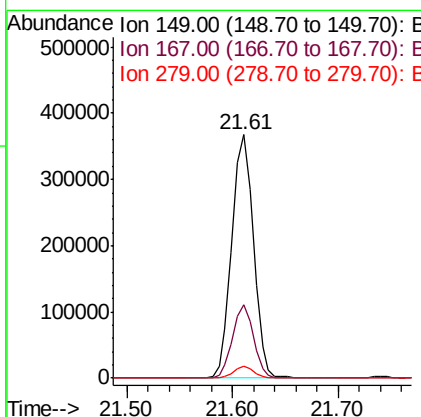
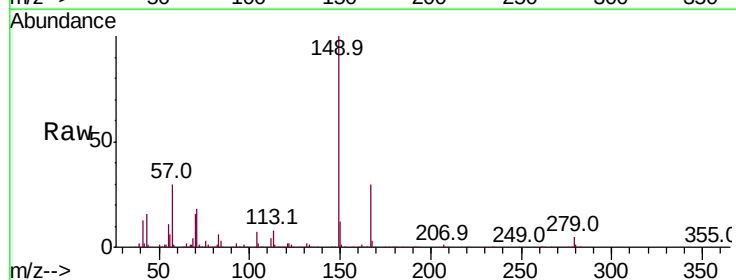
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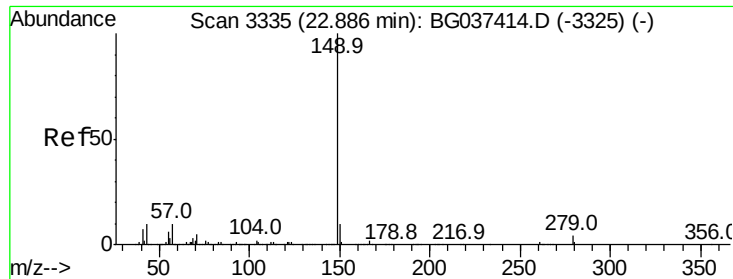
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.780 ng
 RT: 21.61 min Scan# 3118
 Delta R.T. -0.02 min
 Lab File: BG037880.D
 Acq: 8 Nov 2018 1:12

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.2	23.0	34.4
279	4.7	3.6	5.4





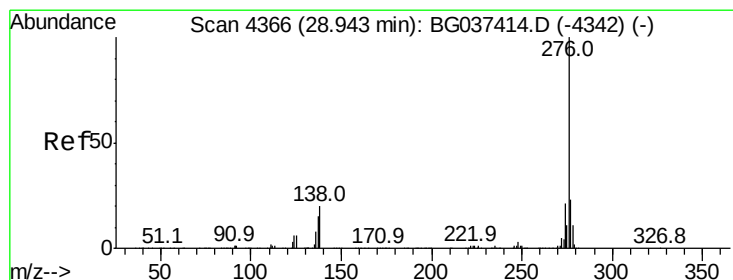
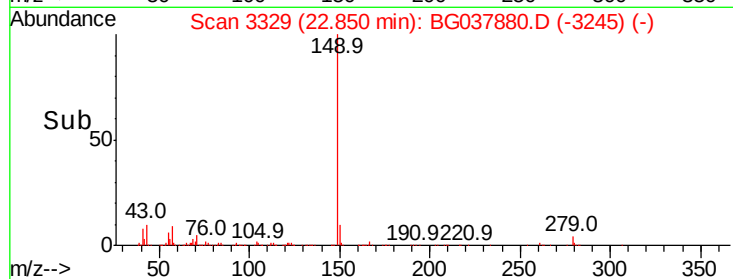
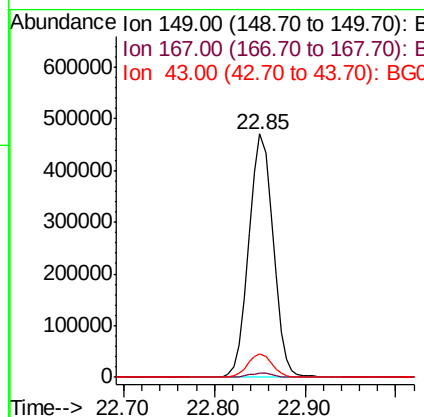
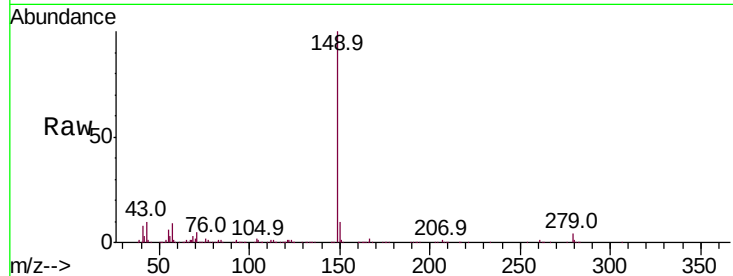
#85
Di-n-octyl phthalate
Concen: 45.403 ng
RT: 22.85 min Scan# 3329
Delta R.T. -0.04 min
Lab File: BG037880.D
Acq: 8 Nov 2018 1:12

Instrument :
BNA_G
ClientSampleId :
PB114465BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.7	1.3	1.9	
43	9.8	8.7	13.1	

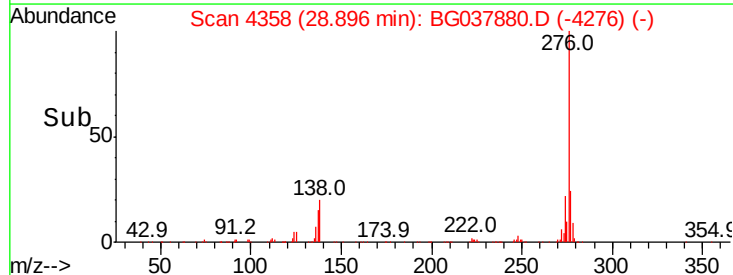
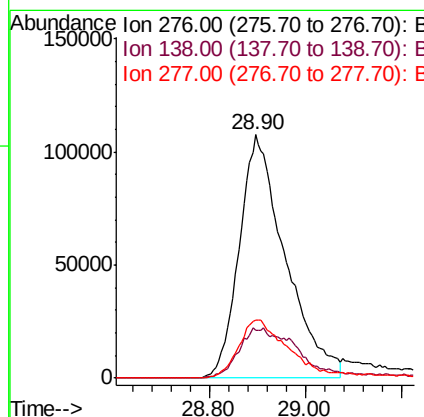
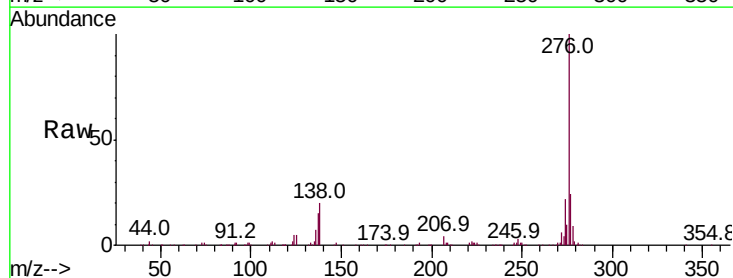
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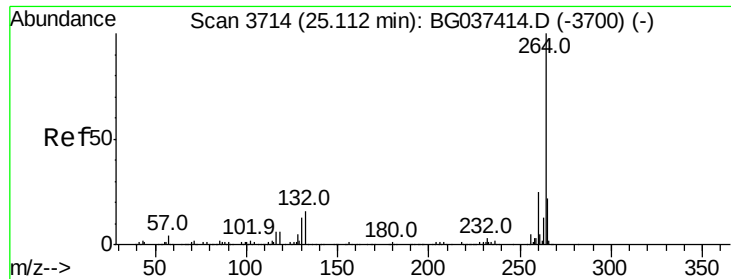
Sohil
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#86
Indeno(1,2,3-cd)pyrene
Concen: 37.041 ng
RT: 28.90 min Scan# 4358
Delta R.T. -0.05 min
Lab File: BG037880.D
Acq: 8 Nov 2018 1:12

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
138	25.7	12.0	18.0	#
277	26.0	20.6	30.8	





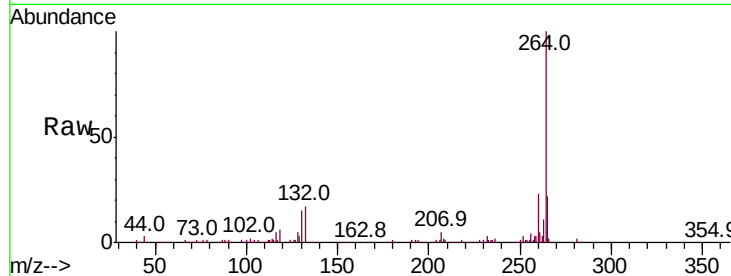
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.08 min Scan# 3709
Delta R.T. -0.03 min
Lab File: BG037880.D
Acq: 8 Nov 2018 1:12

Instrument :
BNA_G
ClientSampleId :
PB114465BSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.2	27.4
265	22.5	17.9	26.9

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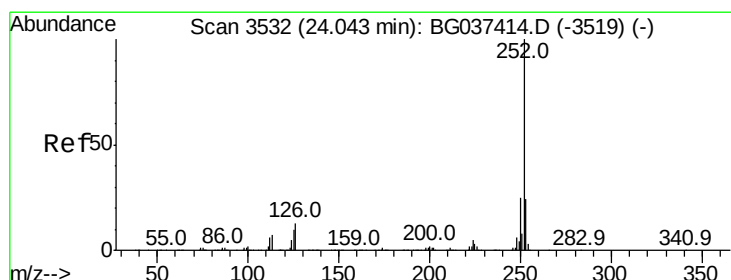
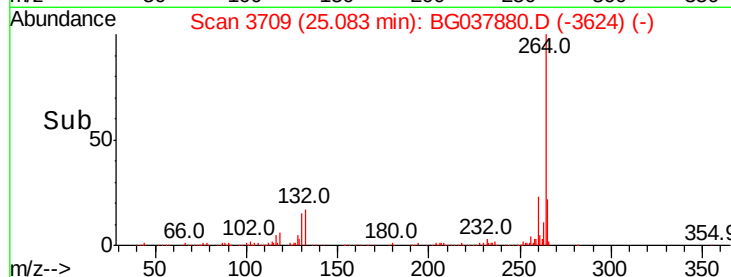
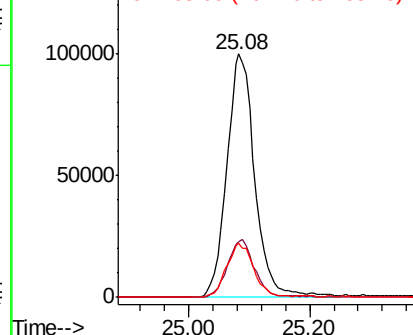


Abundance

Ion 264.00 (263.70 to 264.70): E

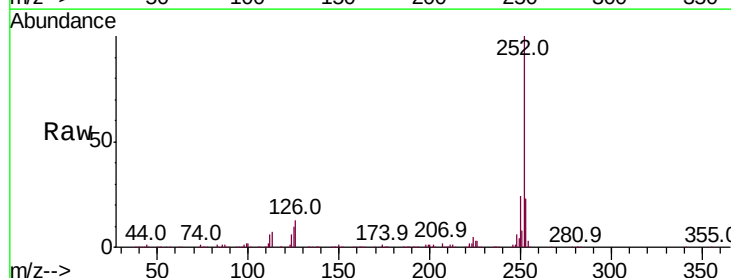
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 43.547 ng
RT: 24.02 min Scan# 3528
Delta R.T. -0.02 min
Lab File: BG037880.D
Acq: 8 Nov 2018 1:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.2
125	10.3	7.8	11.6

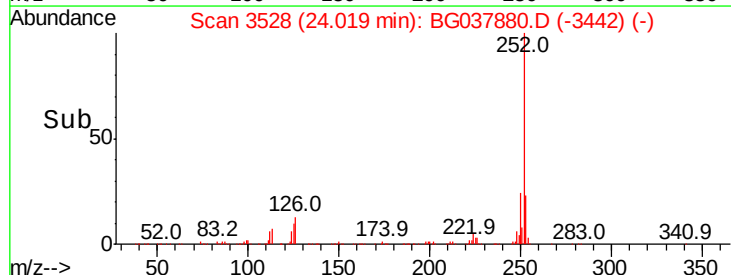
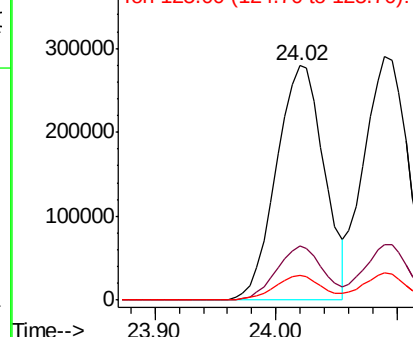


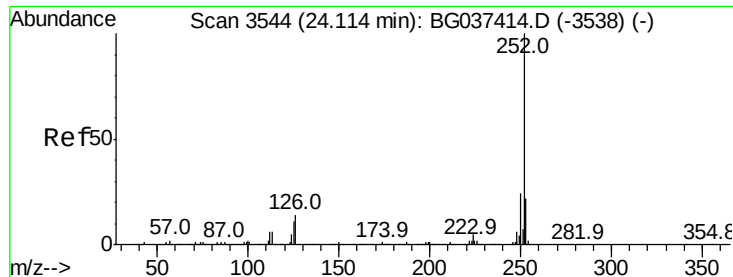
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





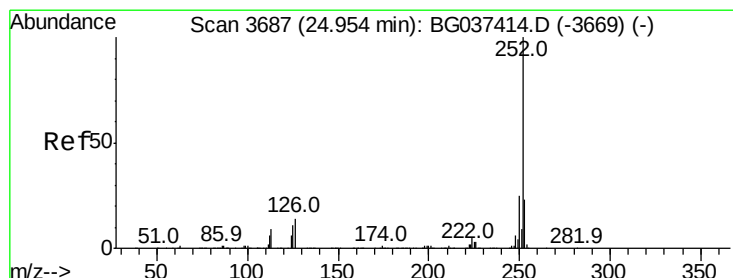
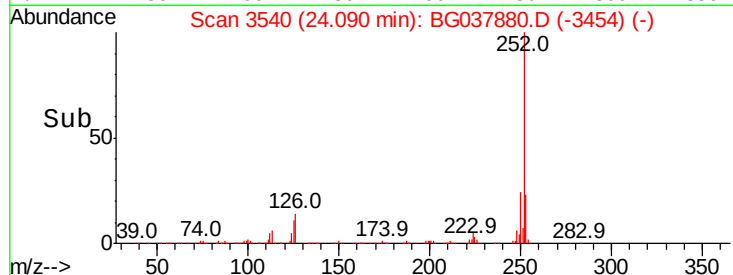
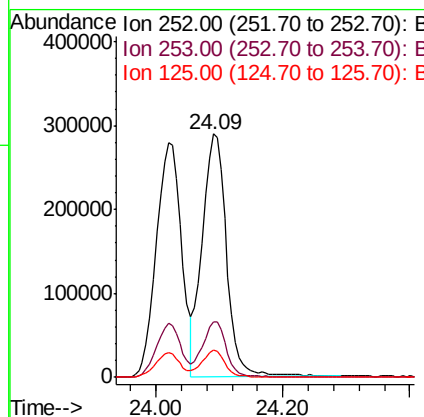
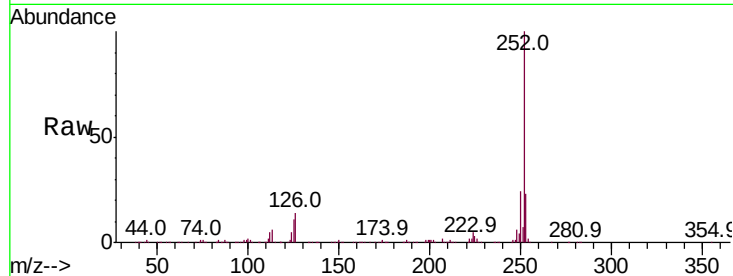
#89
Benzo(k)fluoranthene
Concen: 44.576 ng
RT: 24.09 min Scan# 3540
Delta R.T. -0.02 min
Lab File: BG037880.D
Acq: 8 Nov 2018 1:12

Instrument :
BNA_G
ClientSampleId :
PB114465BSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.9	17.4	26.2
125	11.0	7.4	11.0

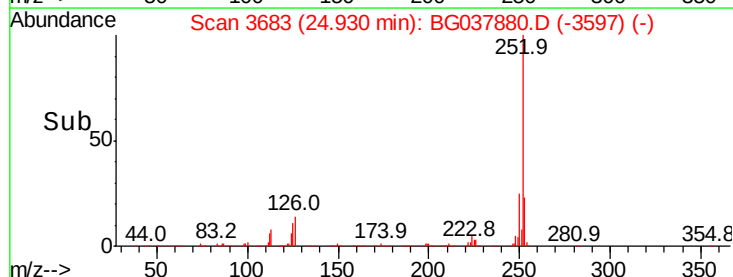
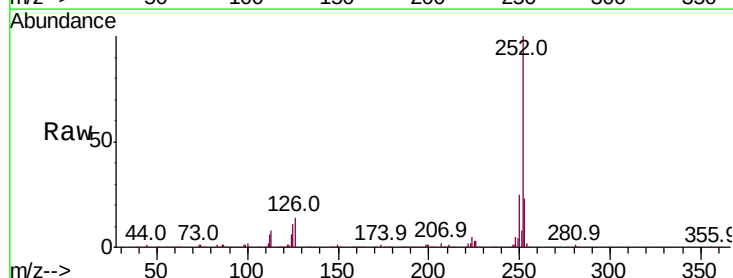
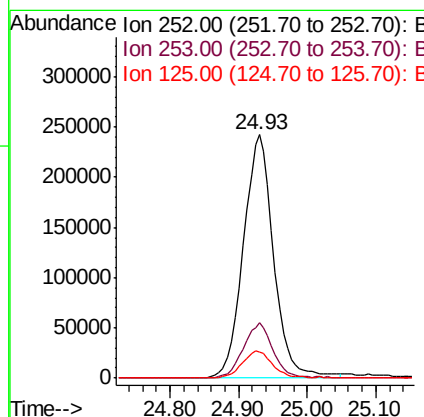
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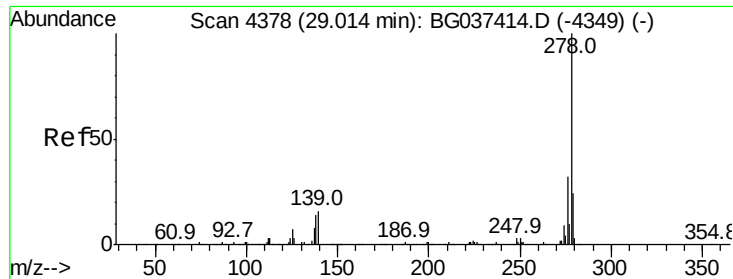
Sohil
11/9/2018 1:37:07 PM



#90
Benzo(a)pyrene
Concen: 44.244 ng
RT: 24.93 min Scan# 3683
Delta R.T. -0.02 min
Lab File: BG037880.D
Acq: 8 Nov 2018 1:12

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	22.8	17.4	26.2
125	10.8	9.0	13.6





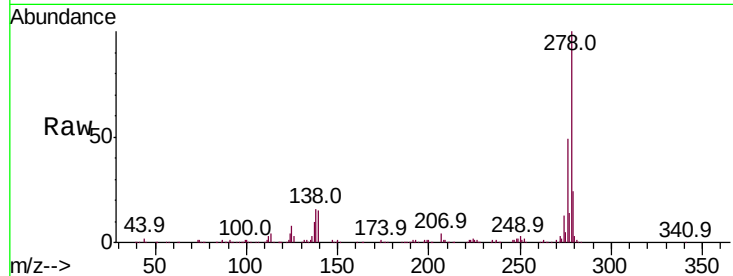
#91
Dibenzo(a,h)anthracene
Concen: 37.185 ng
RT: 28.96 min Scan# 4369
Delta R.T. -0.05 min
Lab File: BG037880.D
Acq: 8 Nov 2018 1:12

Instrument :
BNA_G
ClientSampleId :
PB114465BSD

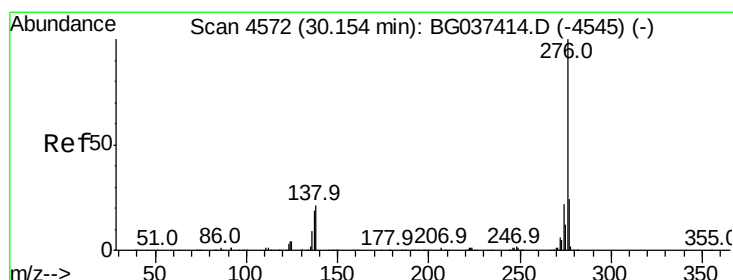
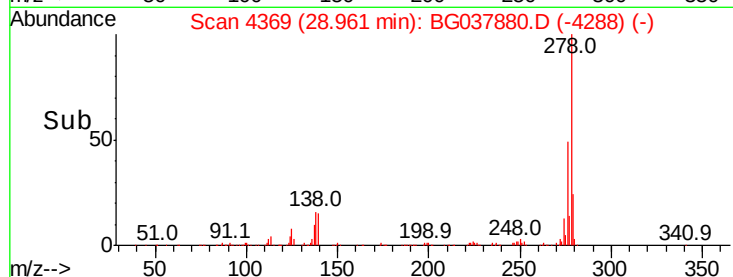
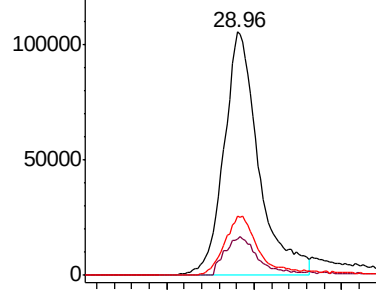
Tot Ion	Ratio	Lower	Upper
278	100		
139	15.0	11.5	17.3
279	24.2	18.6	27.8

Manual Integrations
APPROVED

Sohil
11/9/2018 1:37:07 PM



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



#92
Benzo(g,h,i)perylene
Concen: 39.297 ng
RT: 30.10 min Scan# 4563
Delta R.T. -0.05 min
Lab File: BG037880.D
Acq: 8 Nov 2018 1:12

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.9	28.3
138	21.7	17.2	25.8

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

