

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110118\
 Data File : BG037729.D
 Acq On : 1 Nov 2018 21:47
 Operator : JU/SJ
 Sample : PB114386BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114386BSD

Manual Integrations
 APPROVED

Sohil
 11/2/2018 11:29:43 AM

Quant Time: Nov 02 07:45:21 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	8.10	152	57907	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	274426	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	179625	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	392990	20.00	ng	0.00
76) Chrysene-d12	21.77	240	306379	20.00	ng	0.00
87) Perylene-d12	25.10	264	314384	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	509973	147.24	ng	0.00
7) Phenol-d6	7.25	99	737100	140.74	ng	0.00
23) Nitrobenzene-d5	9.28	82	370656	75.66	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	286161	146.06	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	891819	74.87	ng	-0.01
79) Terphenyl-d14	20.08	244	1066111	74.35	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	54414	30.978	ng	99
3) Pyridine	3.93	79	126509	28.576	ng	100
4) n-Nitrosodimethylamine	3.85	42	66579	42.222	ng	# 95
6) Aniline	7.42	93	207003	32.398	ng	98
8) 2-Chlorophenol	7.66	128	176182	43.481	ng	97
9) Benzaldehyde	7.24	77	92108	28.114	ng	94
10) Phenol	7.27	94	235726	42.657	ng	97
11) bis(2-Chloroethyl)ether	7.52	93	162548	38.729	ng	97
12) 1,3-Dichlorobenzene	7.99	146	176392	39.103	ng	97
13) 1,4-Dichlorobenzene	8.14	146	180380	39.092	ng	98
14) 1,2-Dichlorobenzene	8.46	146	175459	39.530	ng	97
15) Benzyl Alcohol	8.34	79	164839	42.595	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.61	45	314927	41.936	ng	98
17) 2-Methylphenol	8.53	107	162362	44.442	ng	98
18) Hexachloroethane	9.18	117	65545	41.667	ng	85
19) n-Nitroso-di-n-propylamine	8.91	70	138715	38.462	ng	97
20) 3+4-Methylphenols	8.86	107	227404	43.536	ng	97
22) Acetophenone	8.93	105	261607	38.011	ng	# 99
24) Nitrobenzene	9.32	77	205154	40.312	ng	96
25) Isophorone	9.84	82	401404	44.845	ng	98
26) 2-Nitrophenol	10.03	139	102810	44.844	ng	98
27) 2,4-Dimethylphenol	10.08	122	192112	46.932	ng	97
28) bis(2-Chloroethoxy)methane	10.32	93	239571	40.851	ng	97
29) 2,4-Dichlorophenol	10.56	162	194655	42.710	ng	99
30) 1,2,4-Trichlorobenzene	10.78	180	196555	39.658	ng	98
31) Naphthalene	10.98	128	571336	42.387	ng	99
32) Benzoic acid	10.20	122	116513	43.823	ng	94
33) 4-Chloroaniline	11.08	127	151172	23.869	ng	97
34) Hexachlorobutadiene	11.23	225	119689	40.745	ng	95
35) Caprolactam	11.87	113	69541m	38.044	ng	
36) 4-Chloro-3-methylphenol	12.19	107	212193	41.283	ng	98
37) 2-Methylnaphthalene	12.57	142	441244	44.907	ng	98
38) 1-Methylnaphthalene	12.79	142	422421	44.269	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	231679	39.987	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	295532	106.783	ng	97
43) 2,4,6-Trichlorophenol	13.17	196	166845	43.104	ng	98
44) 2,4,5-Trichlorophenol	13.24	196	178619	42.383	ng	98
46) 1,1'-Biphenyl	13.57	154	562510	37.813	ng	99
47) 2-Chloronaphthalene	13.62	162	454524	40.386	ng	97
48) 2-Nitroaniline	13.83	65	147543	43.231	ng	96
49) Acenaphthylene	14.46	152	720674	42.569	ng	99
50) Dimethylphthalate	14.18	163	557543	40.122	ng	99
51) 2,6-Dinitrotoluene	14.31	165	126624	41.191	ng	97
52) Acenaphthene	14.80	154	422723	40.543	ng	99
53) 3-Nitroaniline	14.65	138	109660	32.133	ng	# 97
54) 2,4-Dinitrophenol	14.85	184	90554	71.444	ng	93
55) Dibenzofuran	15.14	168	679333	39.325	ng	100
56) 4-Nitrophenol	14.94	139	280137	110.899	ng	94
57) 2,4-Dinitrotoluene	15.10	165	177961	44.101	ng	96
58) Fluorene	15.78	166	546821	42.270	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.35	232	155208	43.013	ng	100
60) Diethylphthalate	15.54	149	571222	40.039	ng	100
61) 4-Chlorophenyl-phenylether	15.76	204	287916	38.185	ng	99
62) 4-Nitroaniline	15.81	138	135845	40.060	ng	93
63) Azobenzene	16.06	77	538224	39.541	ng	99
65) 4,6-Dinitro-2-methylphenol	15.86	198	84635	42.274	ng	98
66) n-Nitrosodiphenylamine	15.99	169	494588	41.839	ng	99
67) 4-Bromophenyl-phenylether	16.66	248	176995	41.012	ng	99
68) Hexachlorobenzene	16.78	284	177337	39.648	ng	98
69) Atrazine	16.93	200	178416	41.745	ng	99
70) Pentachlorophenol	17.12	266	213515	71.266	ng	95
71) Phenanthrene	17.53	178	836506	41.882	ng	99
72) Anthracene	17.62	178	859927	43.872	ng	98
73) Carbazole	17.89	167	768699	39.206	ng	99
74) Di-n-butylphthalate	18.42	149	898078	41.176	ng	99
75) Fluoranthene	19.53	202	855671	37.773	ng	99
77) Benzidine	19.71	184	374457	35.944	ng	99
78) Pyrene	19.90	202	855056	42.692	ng	100
80) Butylbenzylphthalate	20.76	149	368011	44.897	ng	98
81) Benzo(a)anthracene	21.75	228	778890	42.980	ng	99
82) 3,3'-Dichlorobenzidine	21.66	252	220952	31.456	ng	99
83) Chrysene	21.82	228	732735	42.049	ng	99
84) Bis(2-ethylhexyl)phthalate	21.62	149	518722	45.147	ng	100
85) Di-n-octyl phthalate	22.87	149	892347	47.628	ng	98
86) Indeno(1,2,3-cd)pyrene	28.93	276	761420	40.739	ng	# 86
88) Benzo(b)fluoranthene	24.04	252	744937	43.221	ng	98
89) Benzo(k)fluoranthene	24.11	252	733444	43.434	ng	97
90) Benzo(a)pyrene	24.95	252	734416	44.842	ng	99
91) Dibenzo(a,h)anthracene	29.00	278	596088	39.457	ng	97
92) Benzo(g,h,i)perylene	30.14	276	618580	40.472	ng	99

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

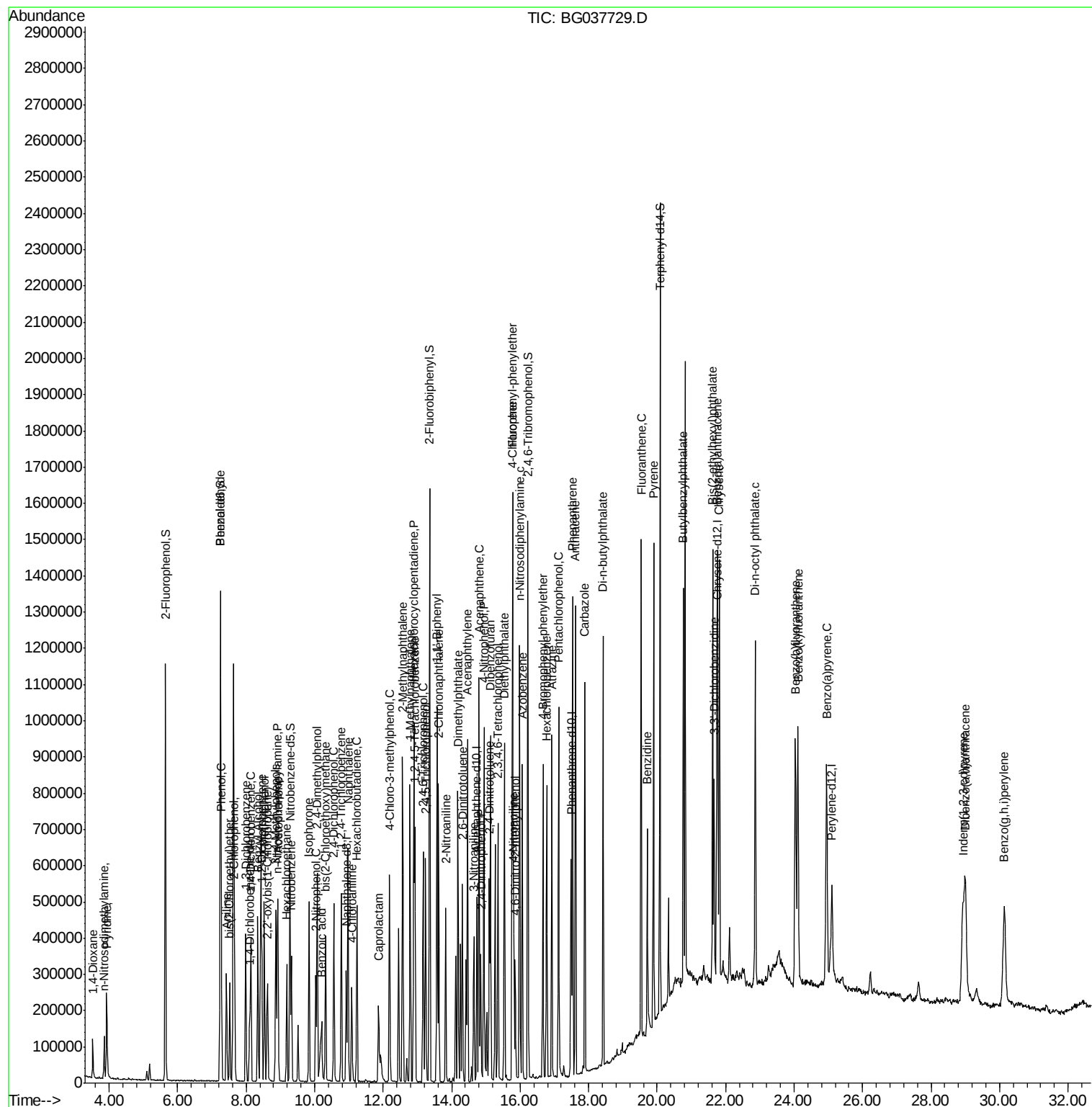
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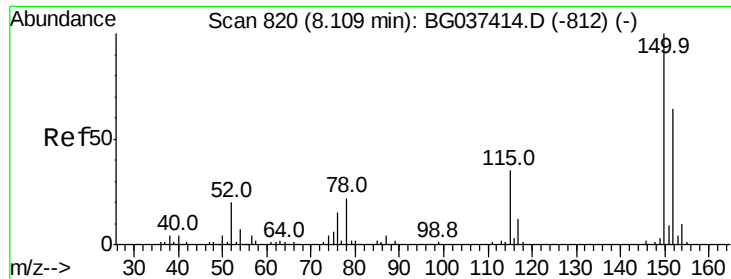
Instrument :
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#1

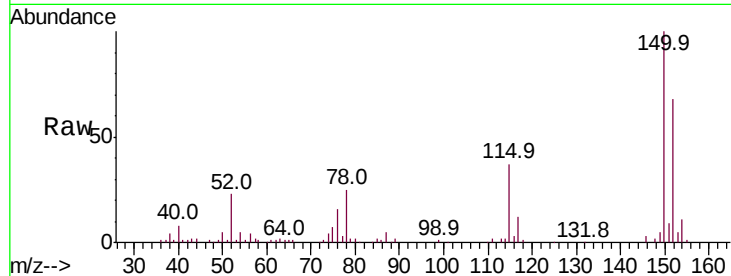
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037729.D
Acq: 1 Nov 2018 21:47

Instrument :
BNA_G
ClientSampleId :
PB114386BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.8	126.0	189.0
115	54.5	45.5	68.3

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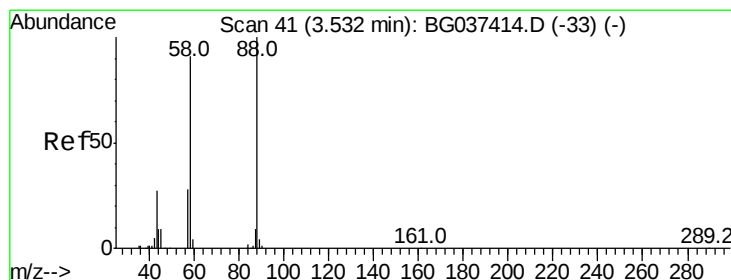
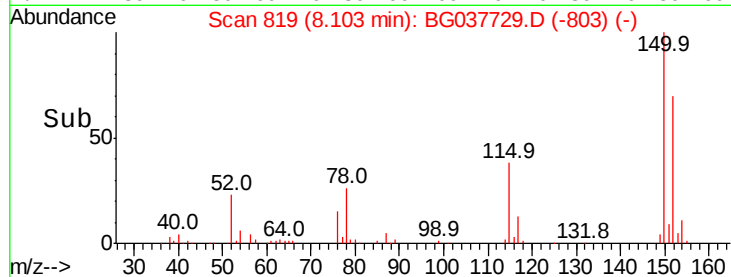
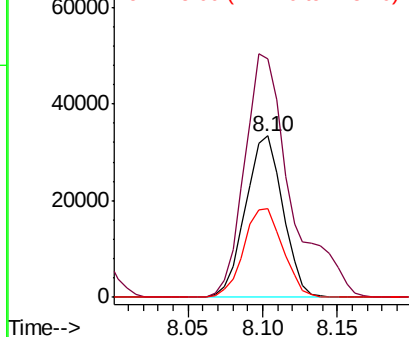


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

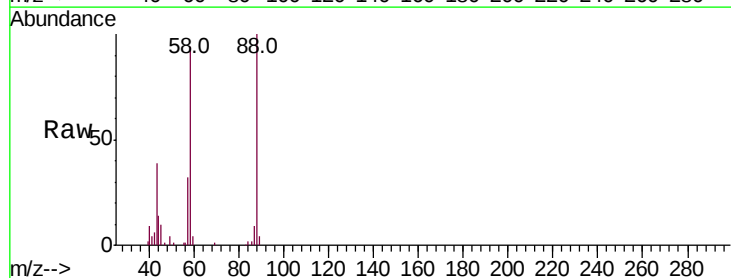
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 30.978 ng
RT: 3.53 min Scan# 40
Delta R.T. -0.01 min
Lab File: BG037729.D
Acq: 1 Nov 2018 21:47

Tgt Ion	Ratio	Lower	Upper
88	100		
58	94.5	74.4	111.6
43	32.9	25.8	38.8

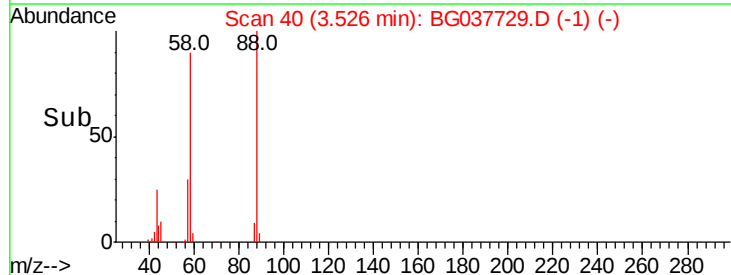
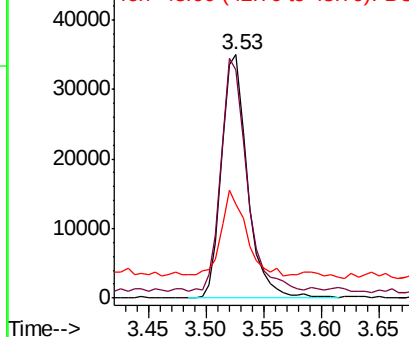


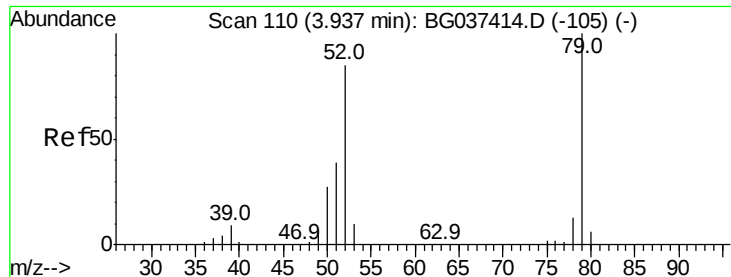
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





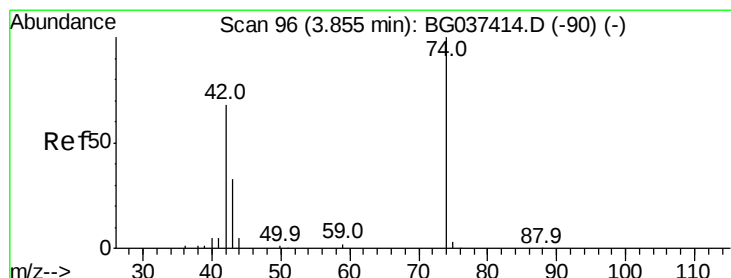
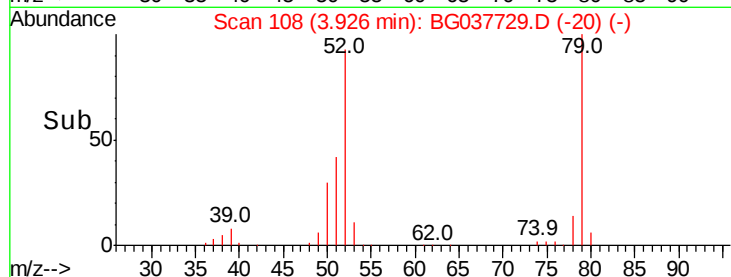
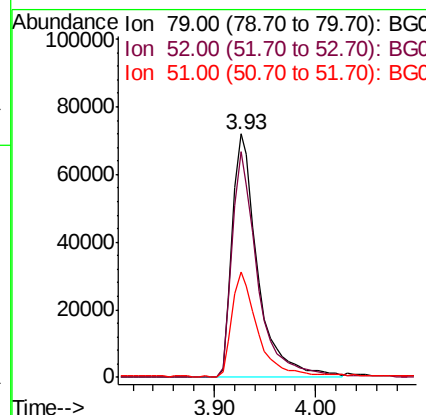
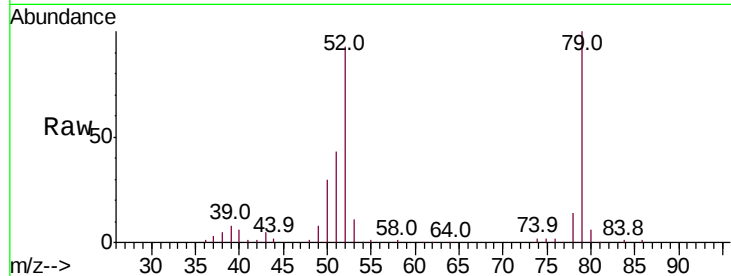
#3
 Pvridine
 Concen: 28.576 ng
 RT: 3.93 min Scan# 108
 Delta R.T. -0.01 min
 Lab File: BG037729.D
 Acq: 1 Nov 2018 21:47

Instrument :
 BNA_G
 ClientSampleId :
 PB114386BSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	92.9	74.2	111.2
51	43.1	34.6	51.8

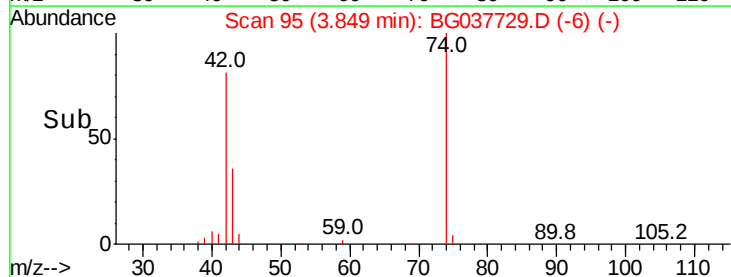
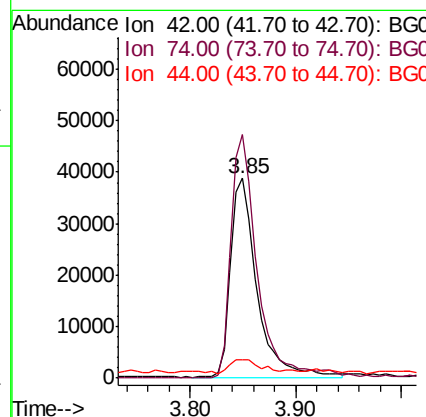
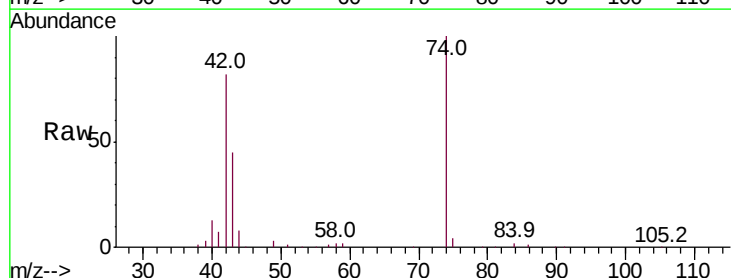
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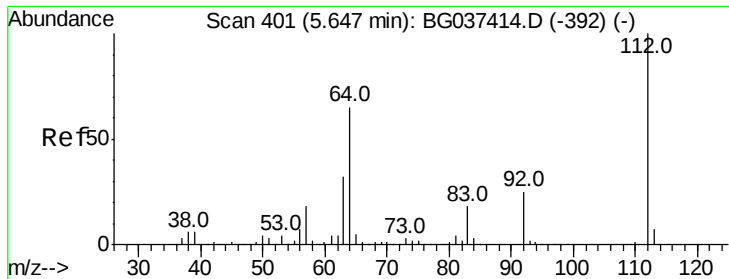
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#4
 n-Nitrosodimethylamine
 Concen: 42.222 ng
 RT: 3.85 min Scan# 95
 Delta R.T. -0.01 min
 Lab File: BG037729.D
 Acq: 1 Nov 2018 21:47

Tgt Ion	Ratio	Lower	Upper
42	100		
74	122.0	102.0	153.0
44	9.5	9.6	14.4#





#5

2-Fluorophenol

Concen: 147.236 ng

RT: 5.64 min Scan# 400

Delta R.T. -0.01 min

Lab File: BG037729.D

Acq: 1 Nov 2018 21:47

Instrument :

BNA_G

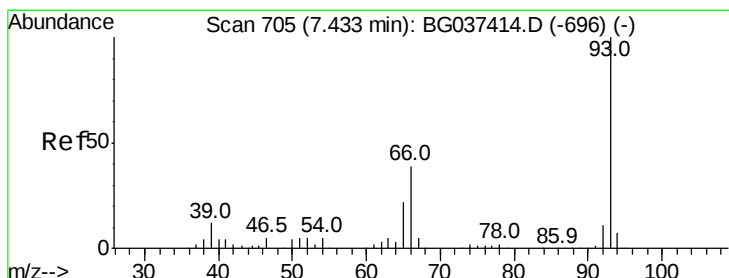
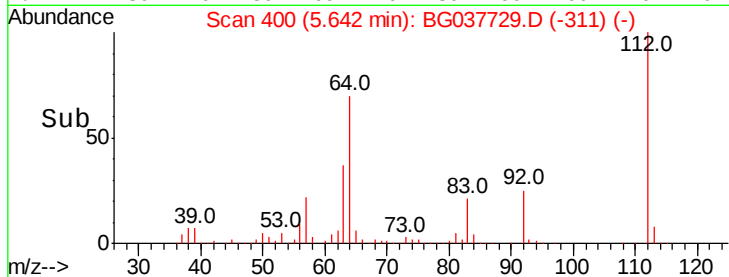
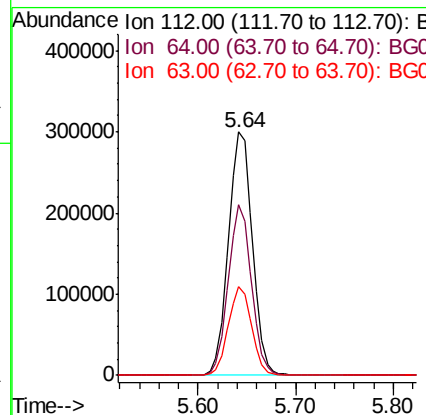
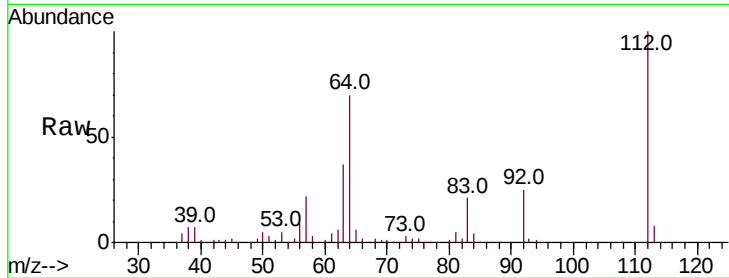
ClientSampleId :

PB114386BSD

Tot Ion:	112	Resp:	509973
Ion Ratio	Lower	Upper	
112	100		
64	70.1	53.1	79.7
63	36.7	27.3	40.9

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#6

Aniline

Concen: 32.398 ng

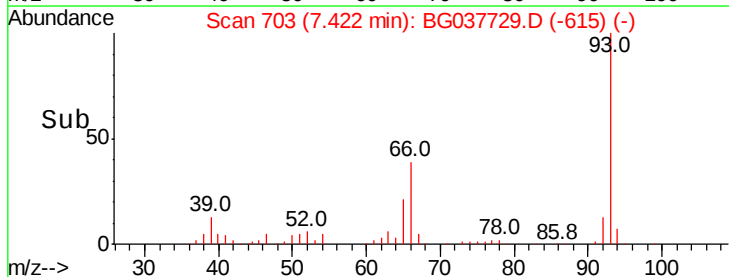
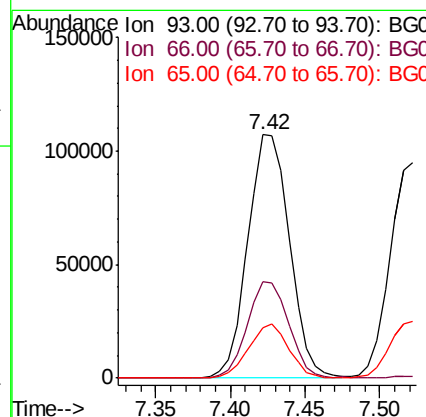
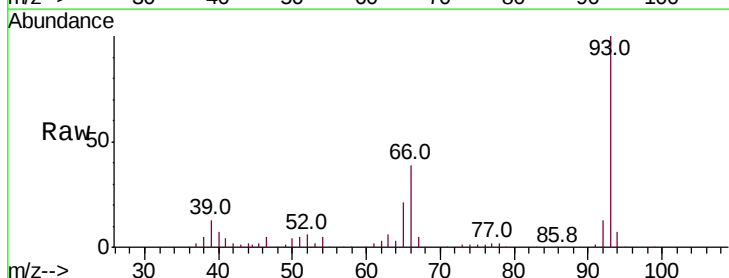
RT: 7.42 min Scan# 703

Delta R.T. -0.01 min

Lab File: BG037729.D

Acq: 1 Nov 2018 21:47

Tgt Ion:	93	Resp:	207003
Ion Ratio	Lower	Upper	
93	100		
66	39.4	32.8	49.2
65	20.9	16.4	24.6





#7

Phenol-d6

Concen: 140.736 ng

RT: 7.25 min Scan# 674

Delta R.T. 0.00 min

Lab File: BG037729.D

Acq: 1 Nov 2018 21:47

Instrument :

BNA_G

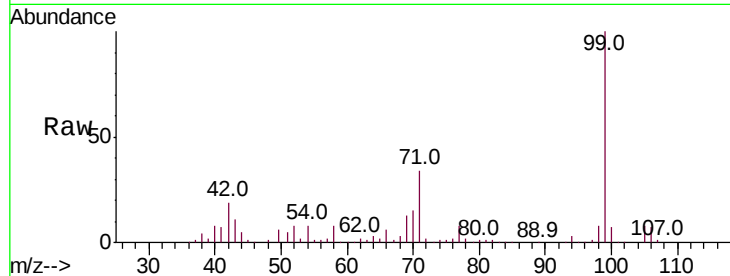
ClientSampleId :

PB114386BSD

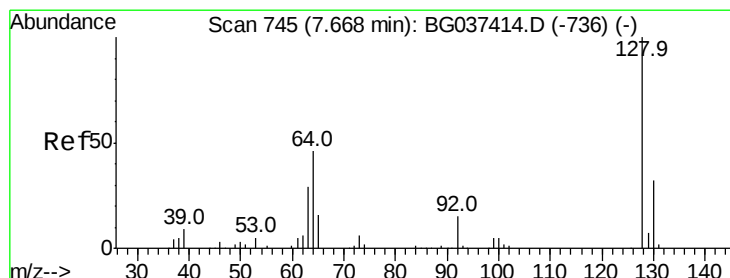
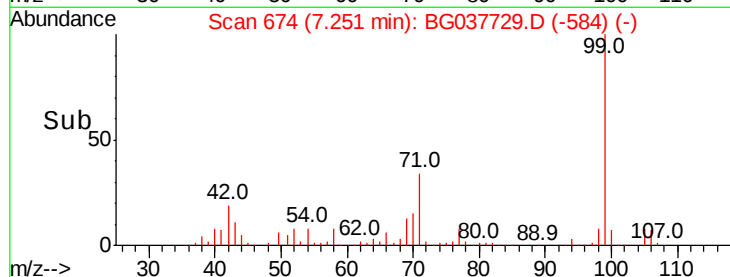
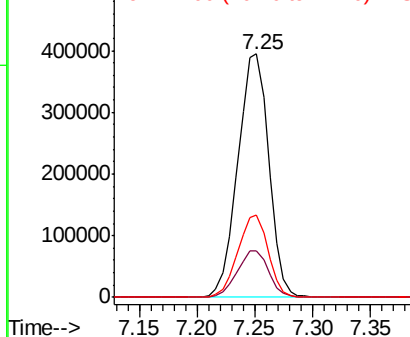
Tot Ion:	99	Resp:	737100
Ion Ratio	Lower	Upper	
99	100		
42	19.2	15.0	22.4
71	33.6	25.5	38.3

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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 43.481 ng

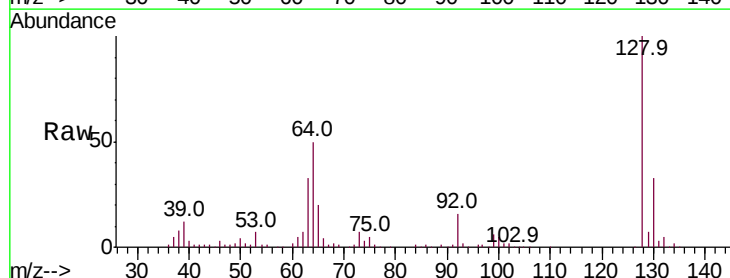
RT: 7.66 min Scan# 744

Delta R.T. -0.01 min

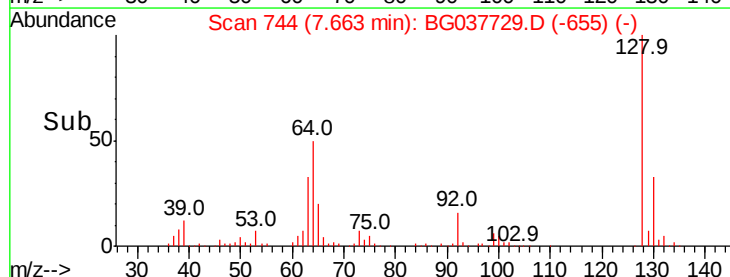
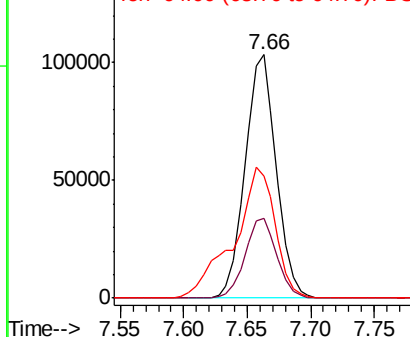
Lab File: BG037729.D

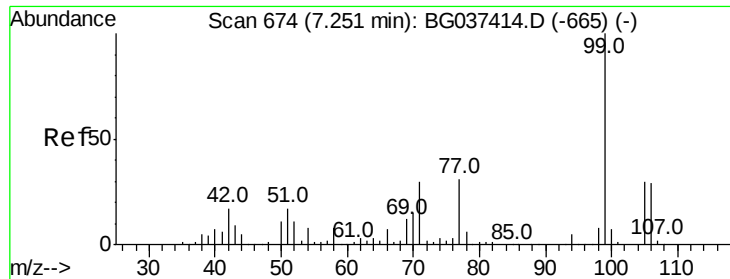
Acq: 1 Nov 2018 21:47

Tgt Ion:	128	Resp:	176182
Ion Ratio	Lower	Upper	
128	100		
130	33.0	12.0	52.0
64	50.2	32.9	72.9



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 28.114 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037729.D

Acq: 1 Nov 2018 21:47

Instrument :

BNA_G

ClientSampleId :

PB114386BSD

Tot Ion: 77 Resp: 92108

Ion Ratio Lower Upper

77 100

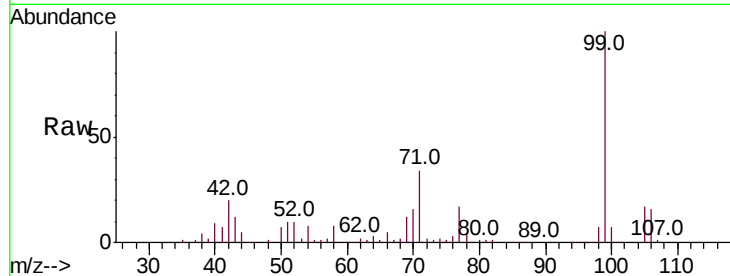
105 100.4 72.6 112.6

106 94.5 71.3 111.3

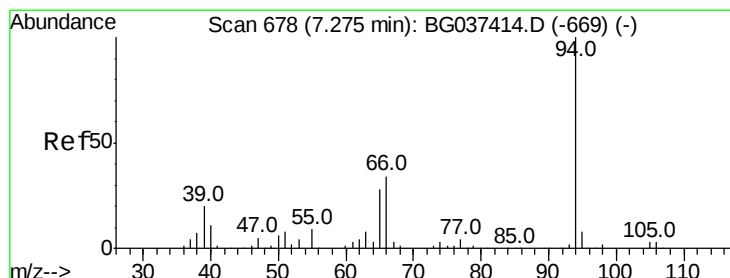
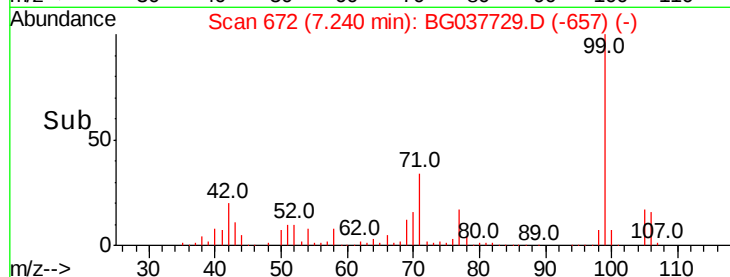
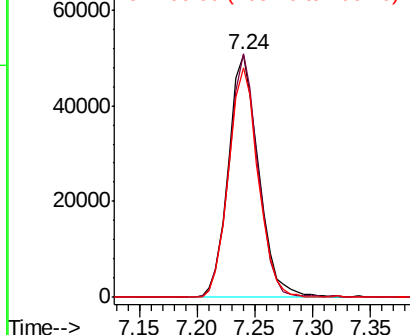
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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 42.657 ng

RT: 7.27 min Scan# 678

Delta R.T. 0.00 min

Lab File: BG037729.D

Acq: 1 Nov 2018 21:47

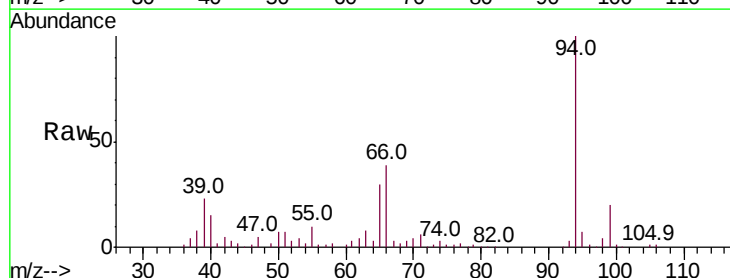
Tgt Ion: 94 Resp: 235726

Ion Ratio Lower Upper

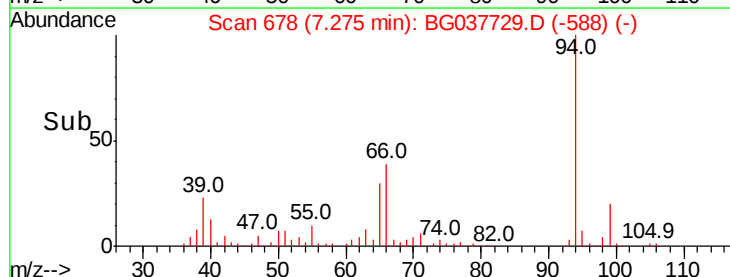
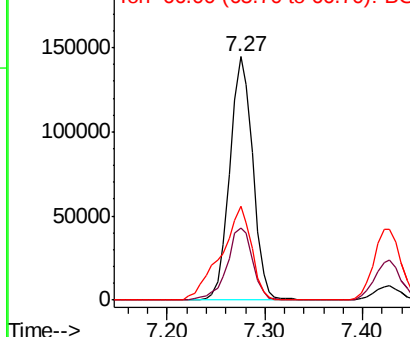
94 100

65 29.5 9.7 49.7

66 38.6 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: 38.729 ng

RT: 7.52 min Scan# 720

Delta R.T. -0.01 min

Lab File: BG037729.D

Acq: 1 Nov 2018 21:47

Instrument :

BNA_G

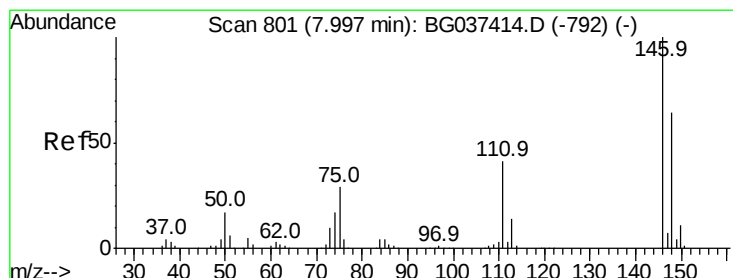
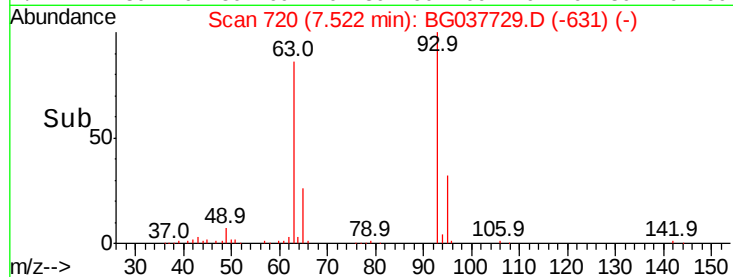
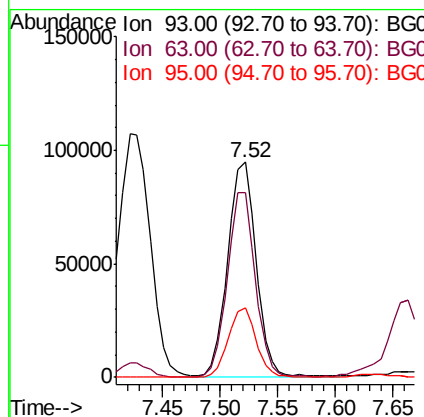
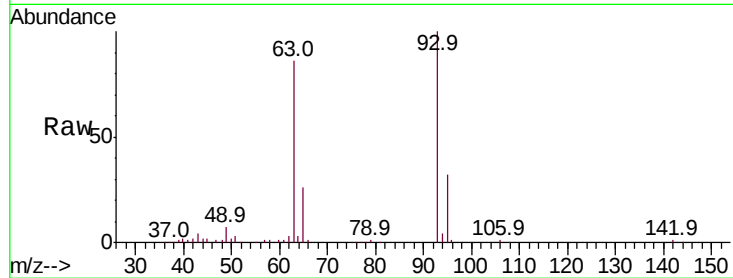
ClientSampleId :

PB114386BSD

Tot Ion:	93	Resp:	162548
Ion Ratio	Lower	Upper	
93	100		
63	86.0	69.5	109.5
95	32.2	12.6	52.6

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#12

1,3-Dichlorobenzene

Concen: 39.103 ng

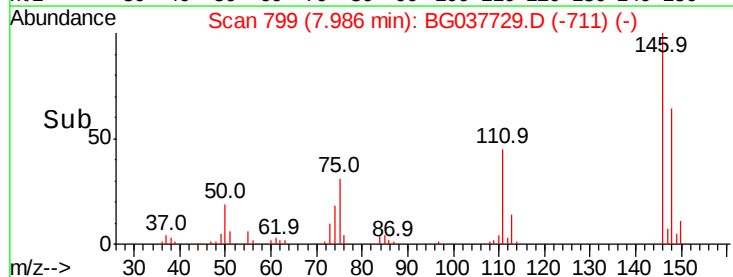
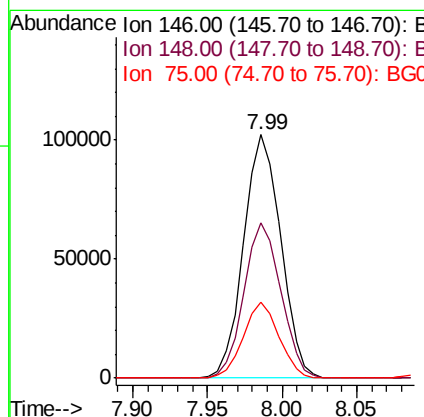
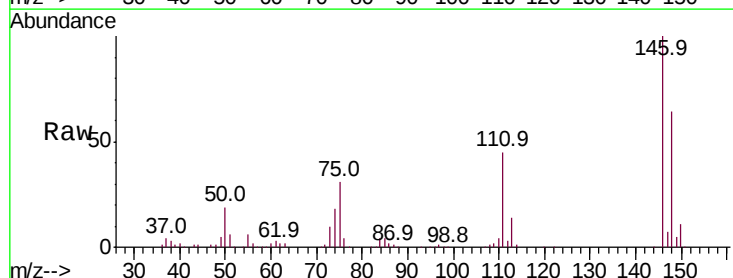
RT: 7.99 min Scan# 799

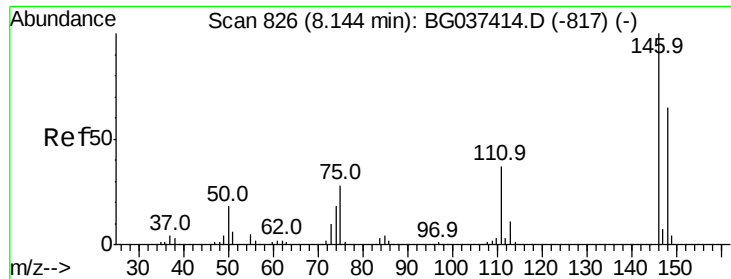
Delta R.T. -0.01 min

Lab File: BG037729.D

Acq: 1 Nov 2018 21:47

Tgt Ion:	146	Resp:	176392
Ion Ratio	Lower	Upper	
146	100		
148	64.0	49.8	74.8
75	31.2	23.2	34.8





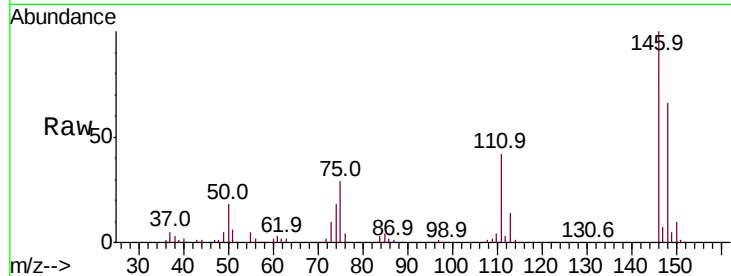
#13
 1,4-Dichlorobenzene
 Concen: 39.092 ng
 RT: 8.14 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BG037729.D
 Acq: 1 Nov 2018 21:47

Instrument :
 BNA_G
 ClientSampleId :
 PB114386BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.5	51.0	76.6
111	41.6	32.4	48.6

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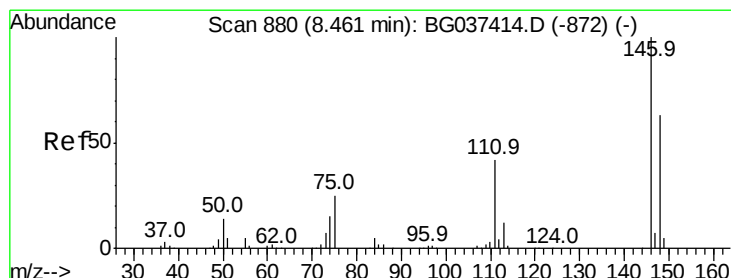
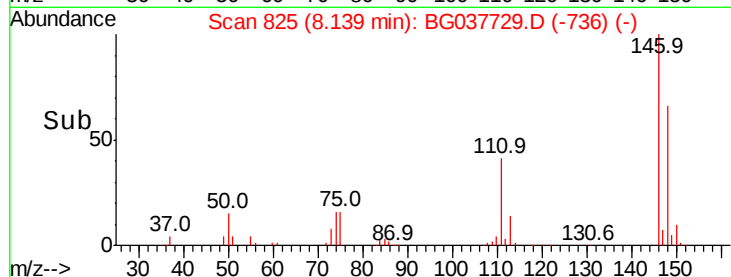
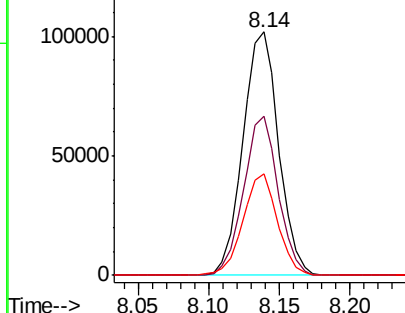


Abundance

Ion 146.00 (145.70 to 146.70): E

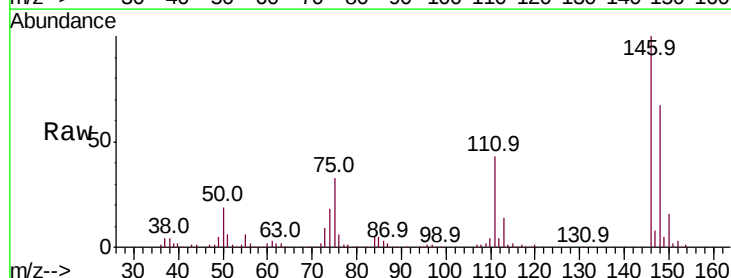
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 39.530 ng
 RT: 8.46 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BG037729.D
 Acq: 1 Nov 2018 21:47

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.0	50.4	75.6
111	43.5	34.6	51.8

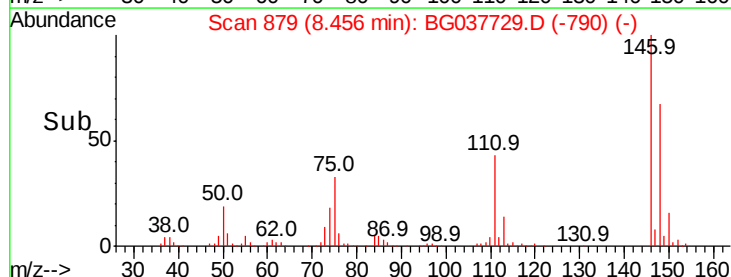
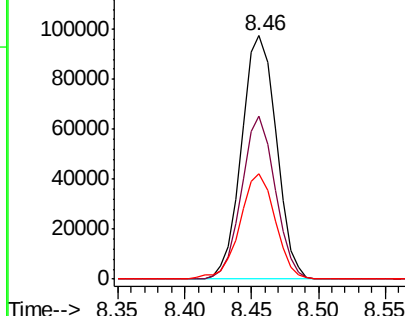


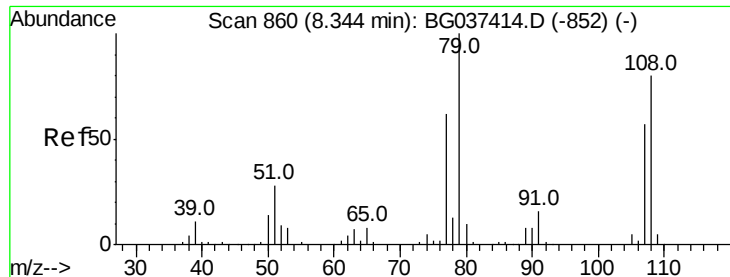
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.595 ng

RT: 8.34 min Scan# 859

Delta R.T. -0.01 min

Lab File: BG037729.D

Acq: 1 Nov 2018 21:47

Instrument :

BNA_G

ClientSampleId :

PB114386BSD

Tot Ion: 79 Resp: 164839
Ion Ratio Lower Upper

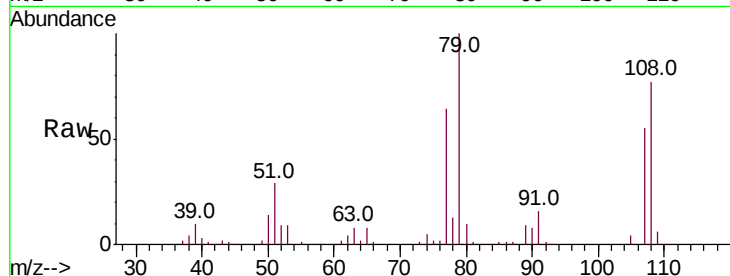
79 100

108 77.2 65.8 98.8

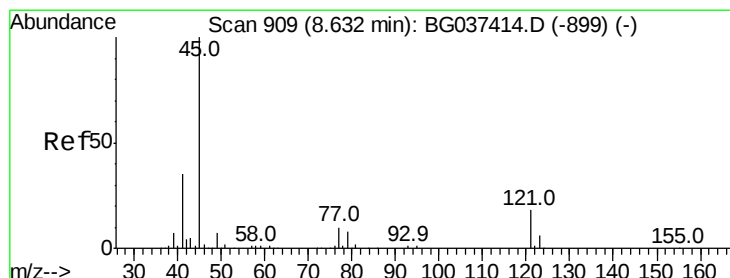
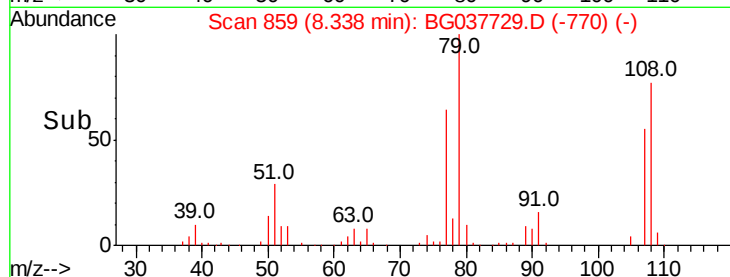
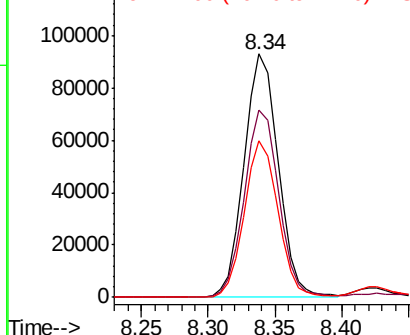
77 64.1 52.9 79.3

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Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.936 ng

RT: 8.61 min Scan# 906

Delta R.T. -0.02 min

Lab File: BG037729.D

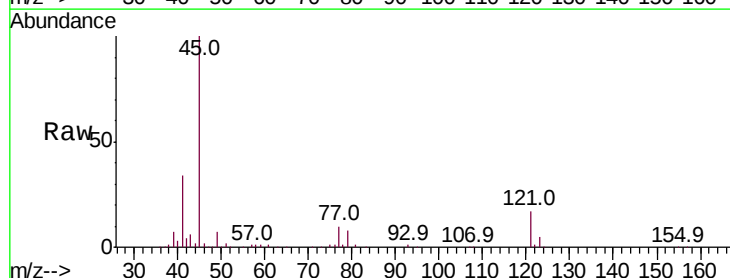
Acq: 1 Nov 2018 21:47

Tgt Ion: 45 Resp: 314927
Ion Ratio Lower Upper

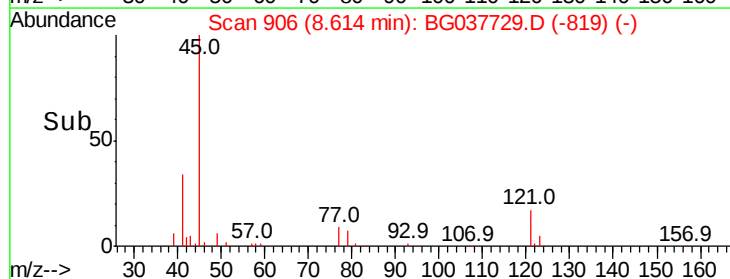
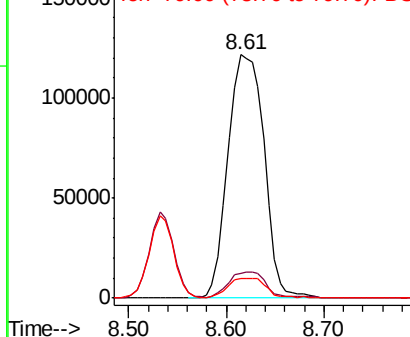
45 100

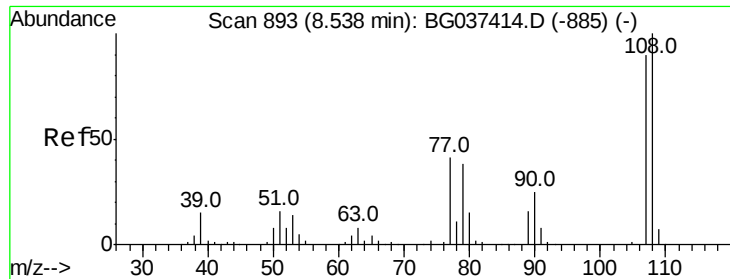
77 10.2 0.0 30.0

79 8.0 0.0 29.0



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





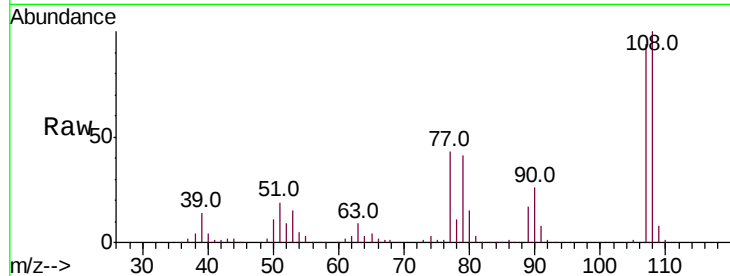
#17
2-Methylphenol
Concen: 44.442 ng
RT: 8.53 min Scan# 892
Delta R.T. -0.01 min
Lab File: BG037729.D
Acq: 1 Nov 2018 21:47

Instrument :
BNA_G
ClientSampleId :
PB114386BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	106.7	87.9	131.9	
77	45.7	35.1	52.7	
79	43.5	34.5	51.7	

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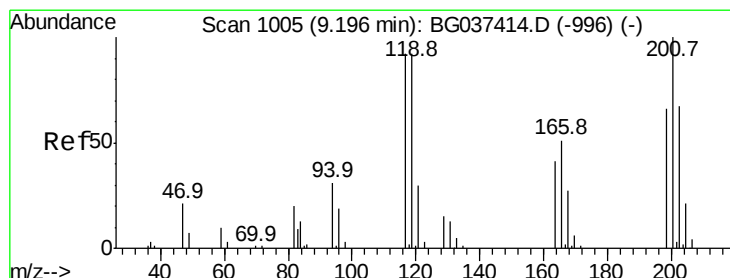
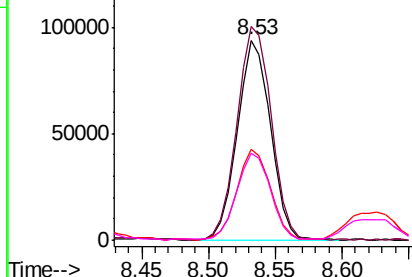
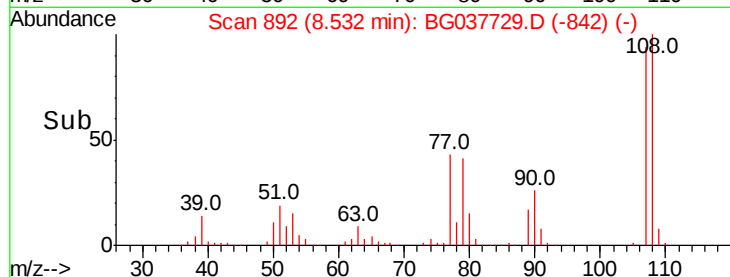
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

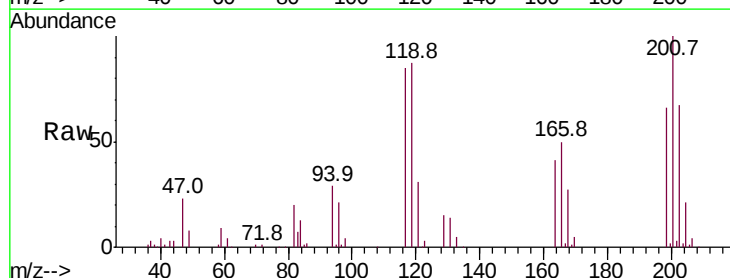
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 41.667 ng
RT: 9.18 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BG037729.D
Acq: 1 Nov 2018 21:47

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	102.1	74.6	111.8	
201	120.7	80.8	121.2	

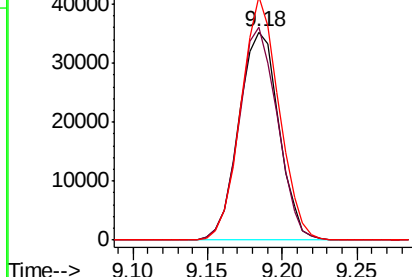
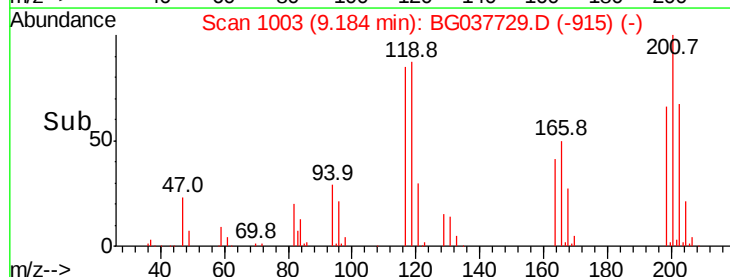


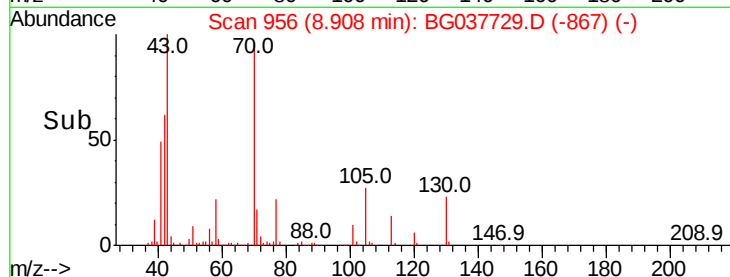
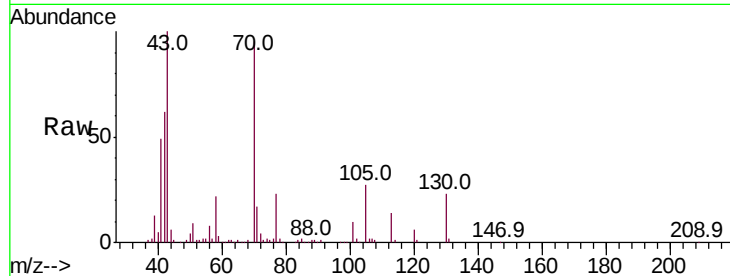
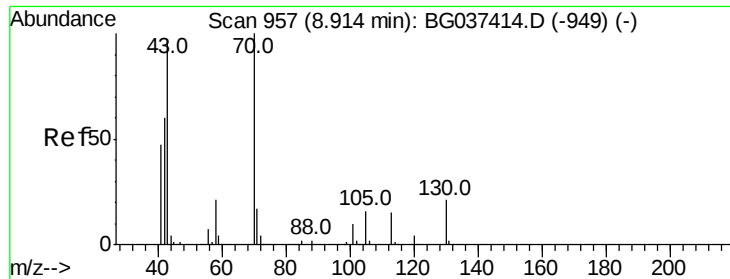
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





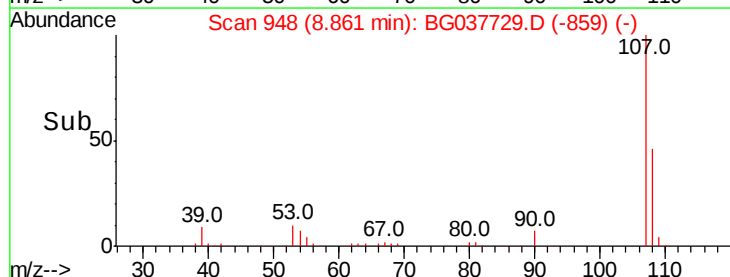
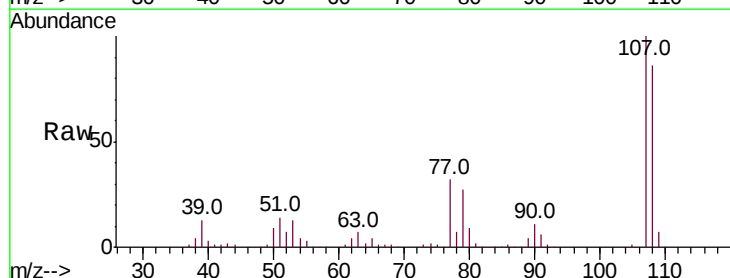
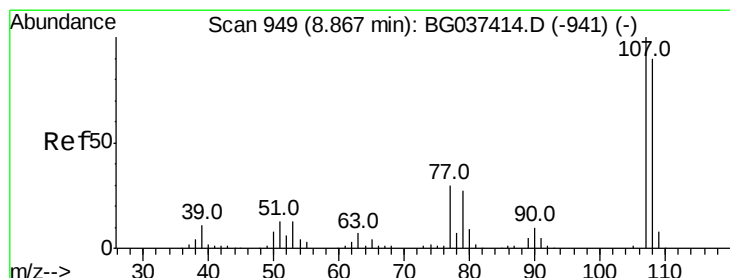
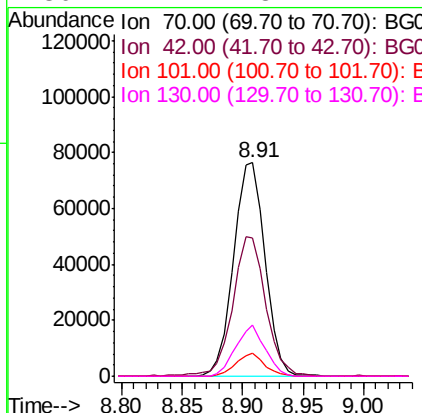
#19
n-Nitroso-di-n-propylamine
Concen: 38.462 ng
RT: 8.91 min Scan# 956
Delta R.T. -0.01 min
Lab File: BG037729.D
Acq: 1 Nov 2018 21:47

Tot Ion	Ratio	Lower	Upper
70	100		
42	65.0	53.9	80.9
101	11.0	8.2	12.2
130	24.2	18.2	27.4

Instrument :
BNA_G
ClientSampleId :
PB114386BSD

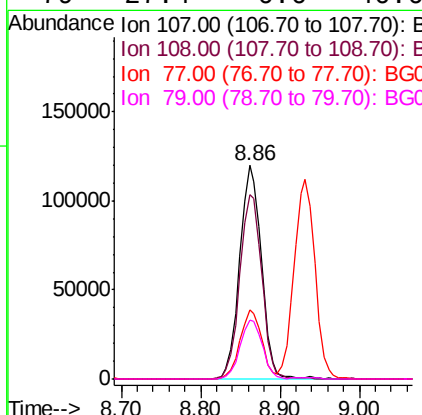
Manual Integrations
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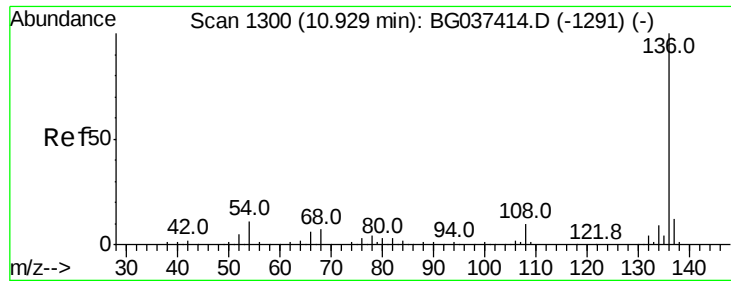
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#20
3+4-Methylphenols
Concen: 43.536 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.01 min
Lab File: BG037729.D
Acq: 1 Nov 2018 21:47

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.3	69.9	109.9
77	32.5	11.2	51.2
79	27.4	6.6	46.6





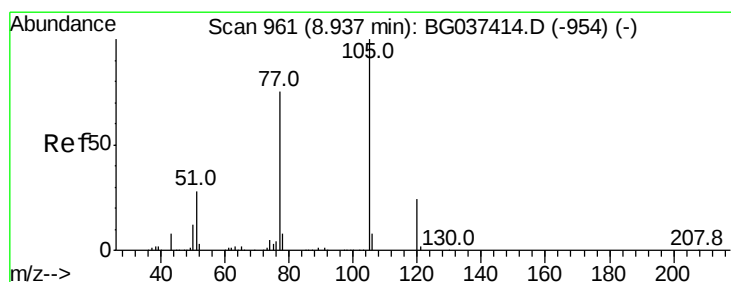
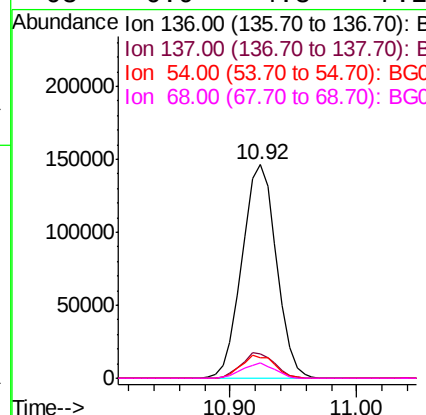
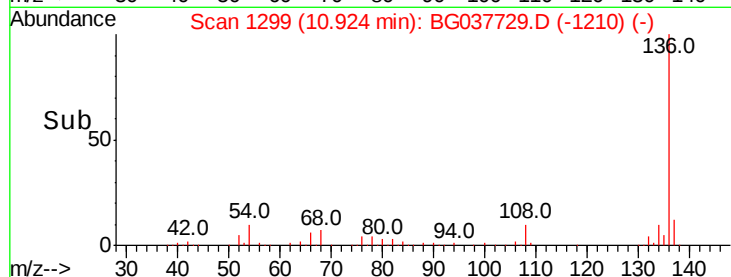
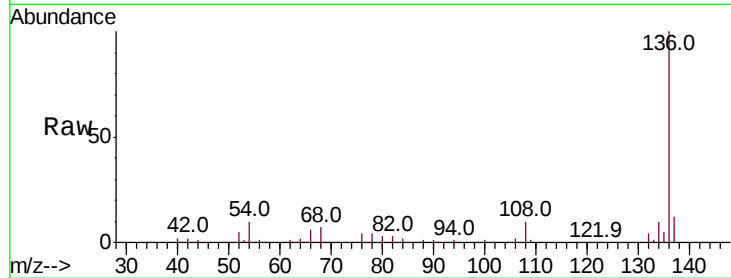
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037729.D
Acq: 1 Nov 2018 21:47

Instrument :
BNA_G
ClientSampleId :
PB114386BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	274426		
137	11.5		9.6	14.4
54	9.7		7.9	11.9
68	6.9		4.8	7.2

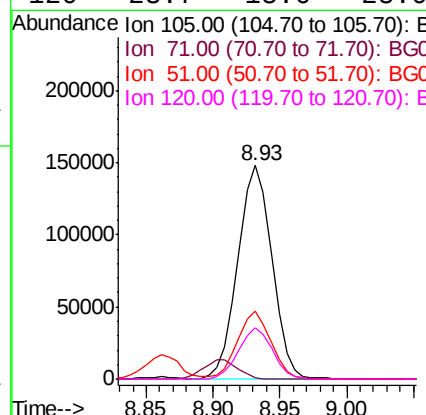
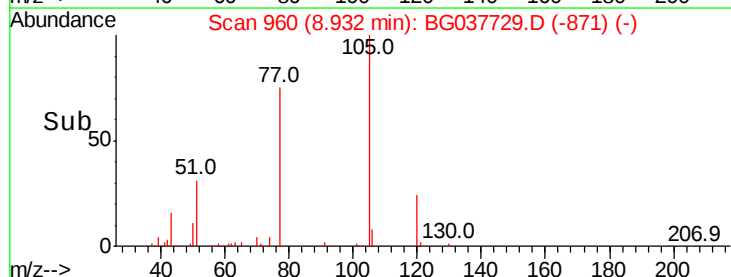
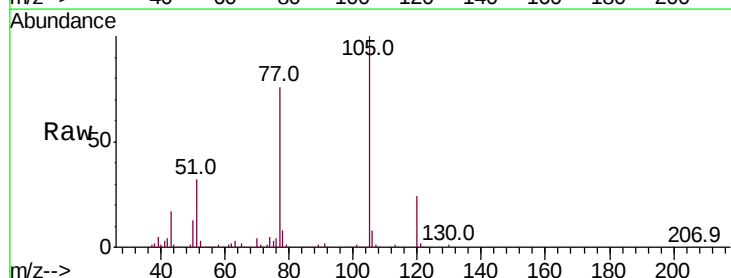
Manual Integrations
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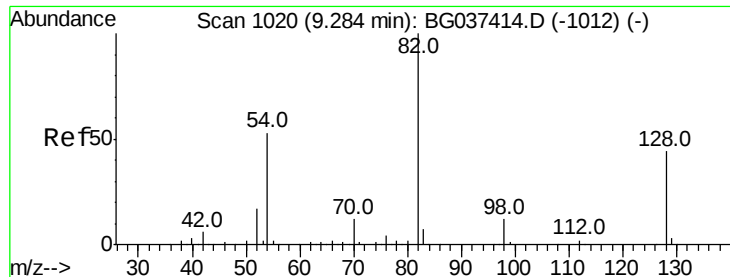
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#22
Acetophenone
Concen: 38.011 ng
RT: 8.93 min Scan# 960
Delta R.T. -0.01 min
Lab File: BG037729.D
Acq: 1 Nov 2018 21:47

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	261607		
71	0.7		1.2	1.8#
51	31.7		25.0	37.6
120	23.7		18.6	28.0





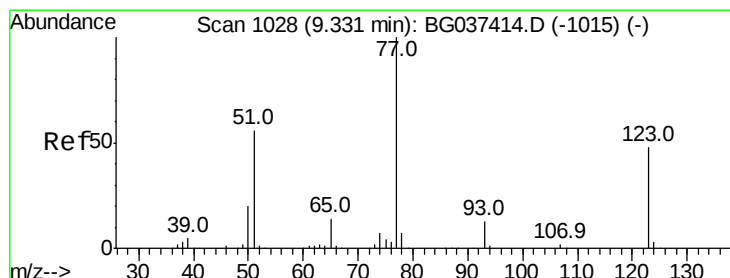
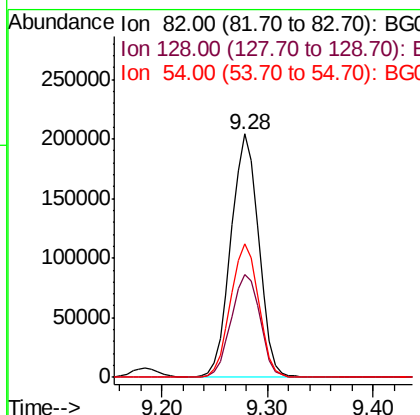
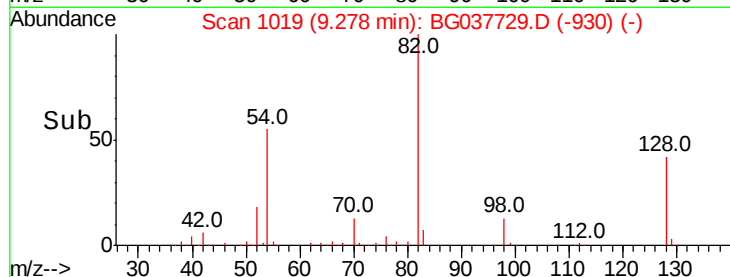
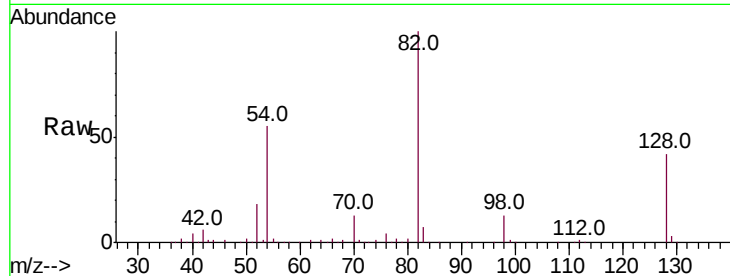
#23
Nitrobenzene-d5
Concen: 75.663 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037729.D
Acq: 1 Nov 2018 21:47

Instrument :
BNA_G
ClientSampleId :
PB114386BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	42.5	34.6	51.8	
54	55.0	45.3	67.9	

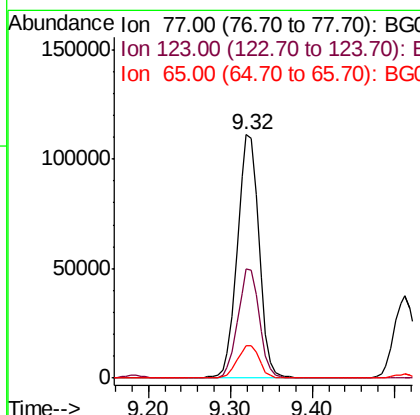
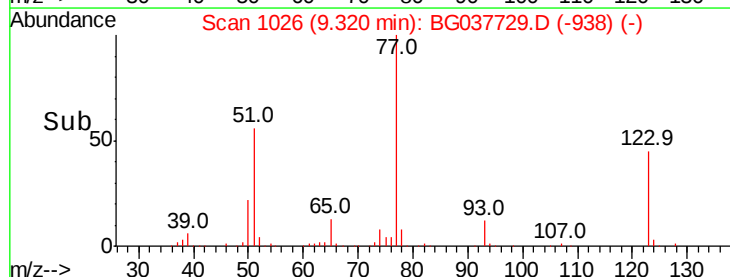
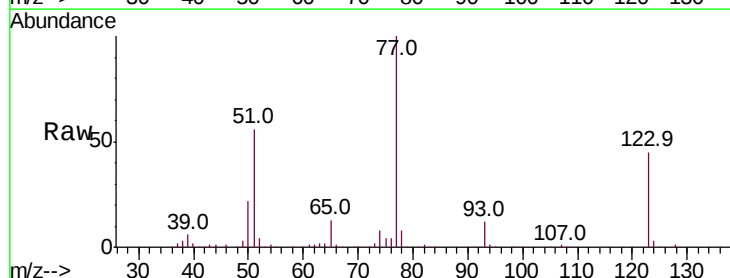
Manual Integrations
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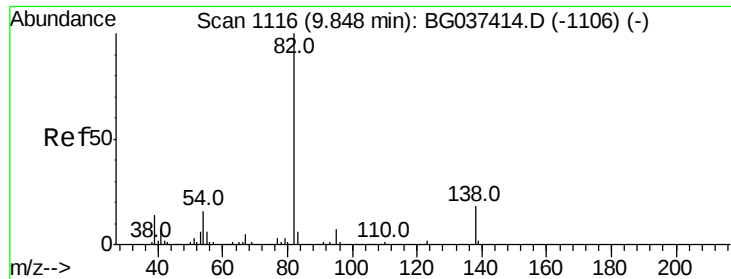
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#24
Nitrobenzene
Concen: 40.312 ng
RT: 9.32 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BG037729.D
Acq: 1 Nov 2018 21:47

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	44.7	33.6	50.4	
65	13.4	11.3	16.9	





#25

Isophorone

Concen: 44.845 ng

RT: 9.84 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BG037729.D

Acq: 1 Nov 2018 21:47

Instrument :

BNA_G

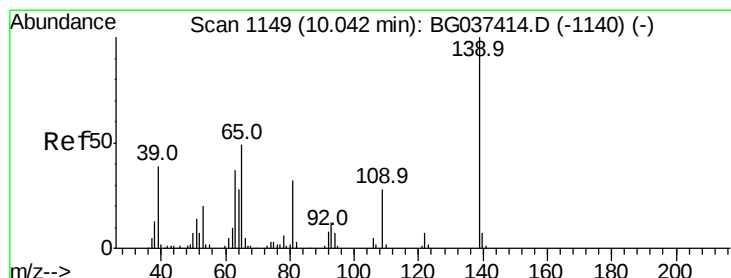
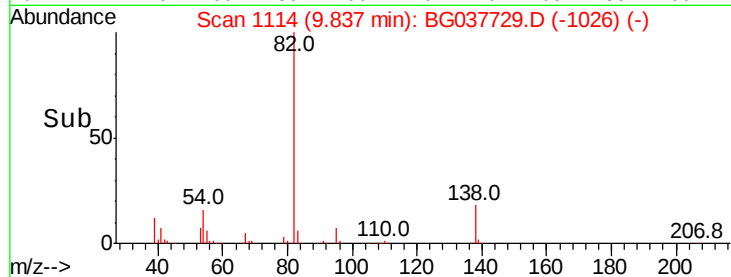
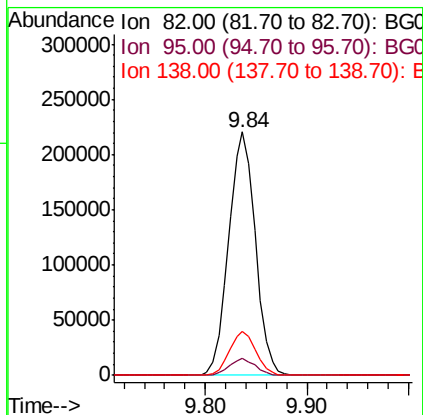
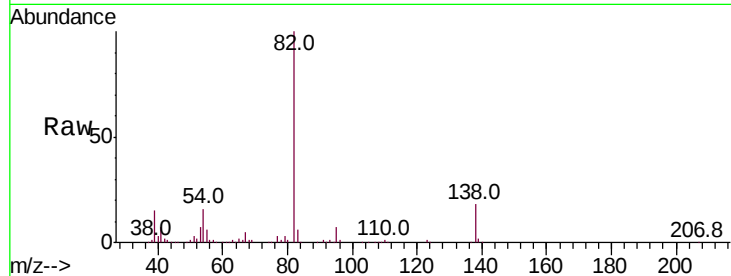
ClientSampleId :

PB114386BSD

Tot Ion:	82	Resp:	401404
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.3	7.9
138	17.8	13.3	19.9

Manual Integrations
APPROVED

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11/2/2018 11:29:43 AM



#26

2-Nitrophenol

Concen: 44.844 ng

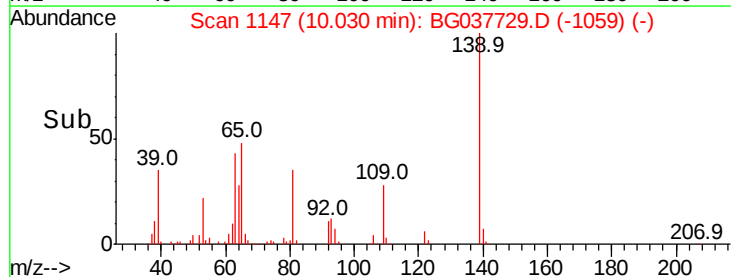
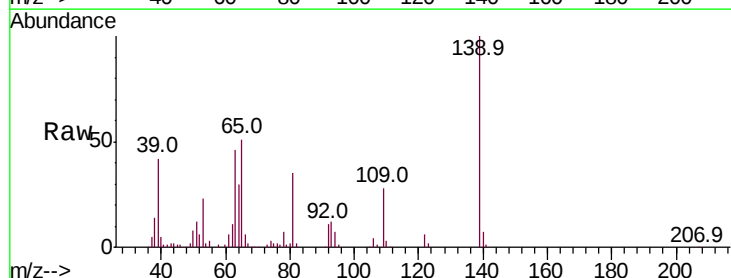
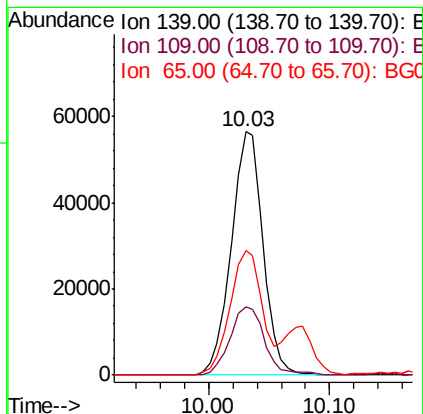
RT: 10.03 min Scan# 1147

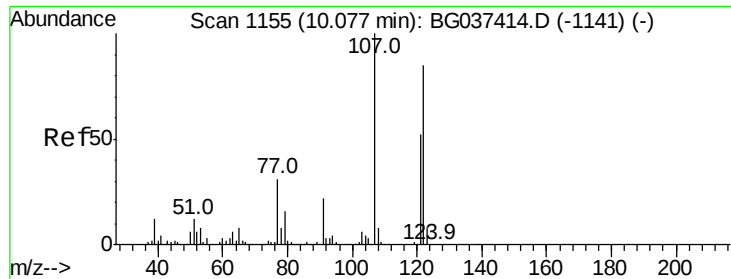
Delta R.T. -0.01 min

Lab File: BG037729.D

Acq: 1 Nov 2018 21:47

Tgt Ion:	139	Resp:	102810
Ion Ratio	Lower	Upper	
139	100		
109	28.0	23.3	34.9
65	51.4	39.8	59.8





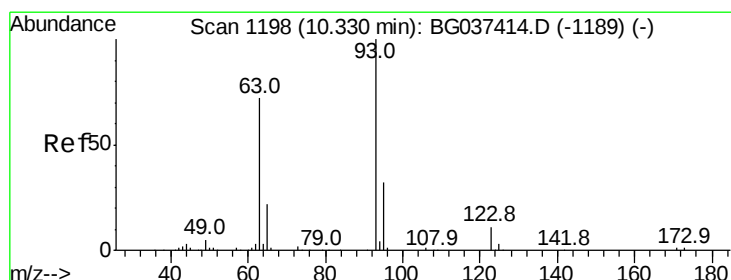
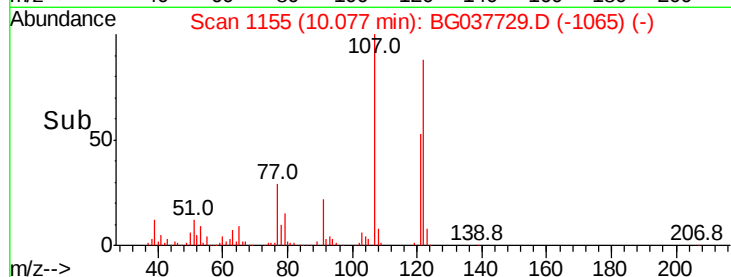
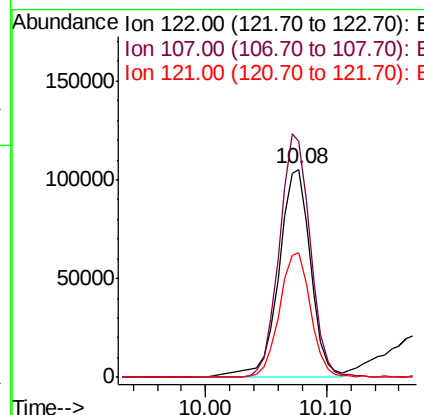
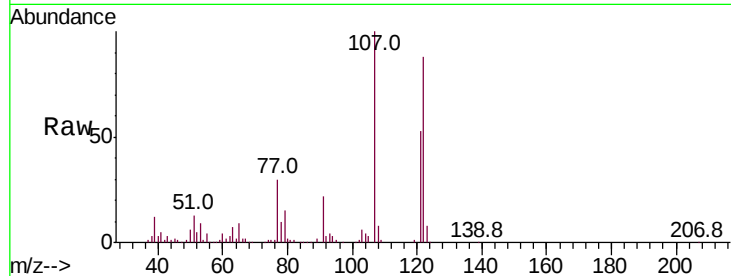
#27
2,4-Dimethylphenol
Concen: 46.932 ng
RT: 10.08 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BG037729.D
Acq: 1 Nov 2018 21:47

Instrument :
BNA_G
ClientSampleId :
PB114386BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	113.5	94.2	141.2
121	59.9	47.3	70.9

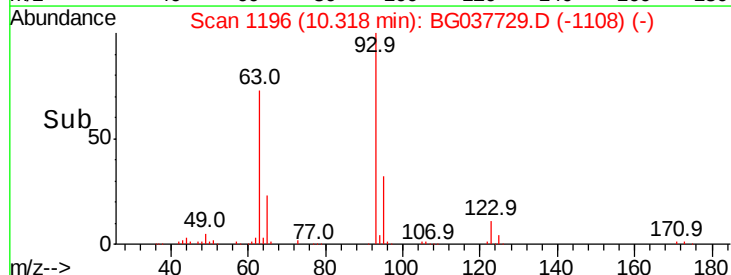
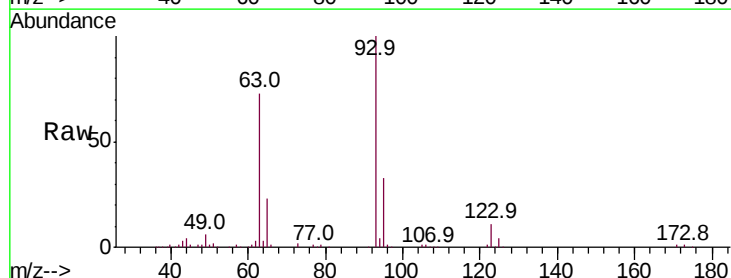
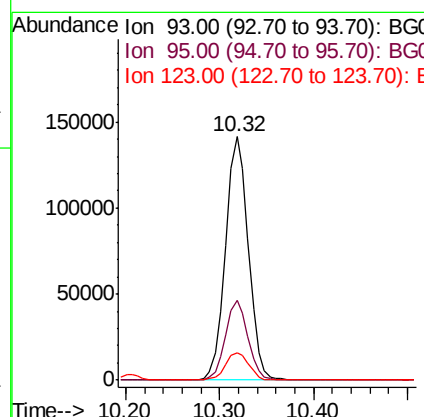
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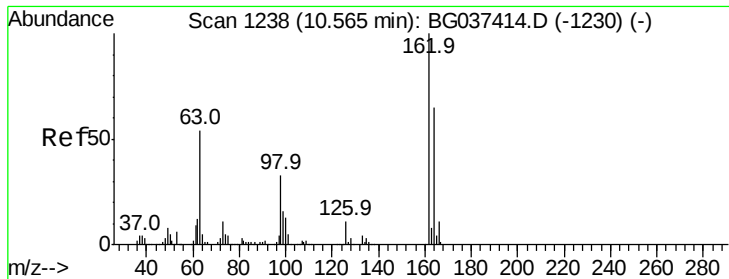
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#28
bis(2-Chloroethoxy)methane
Concen: 40.851 ng
RT: 10.32 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BG037729.D
Acq: 1 Nov 2018 21:47

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	24.6	37.0
123	11.1	9.1	13.7





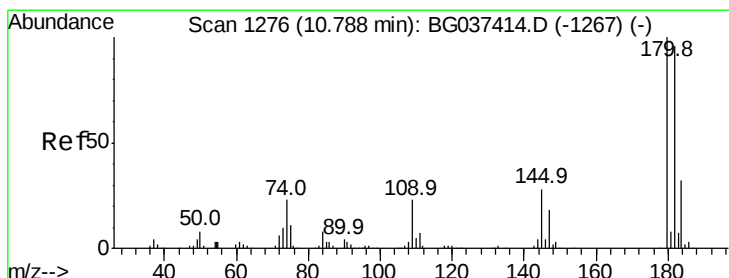
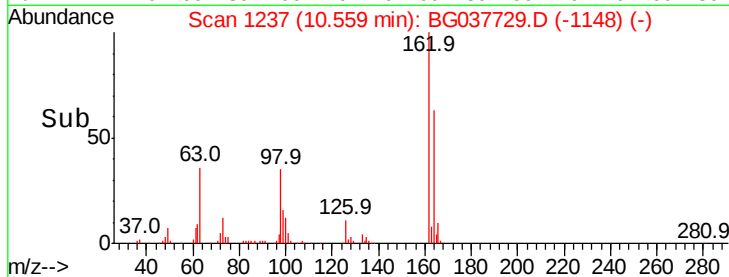
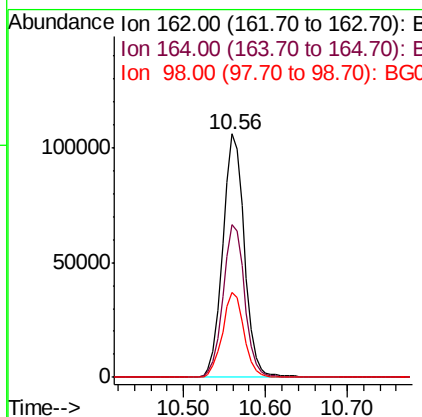
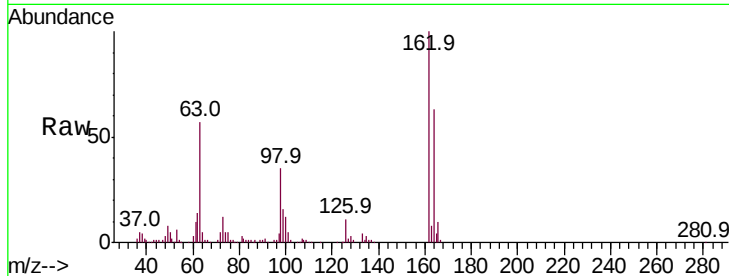
#29
 2,4-Dichlorophenol
 Concen: 42.710 ng
 RT: 10.56 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: BG037729.D
 Acq: 1 Nov 2018 21:47

Instrument :
 BNA_G
 ClientSampleId :
 PB114386BSD

Tot Ion:	162	Resp:	194655
Ion Ratio	Lower	Upper	
162	100		
164	62.9	43.2	83.2
98	34.8	16.0	56.0

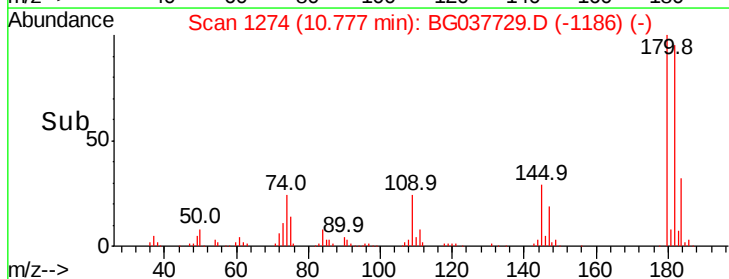
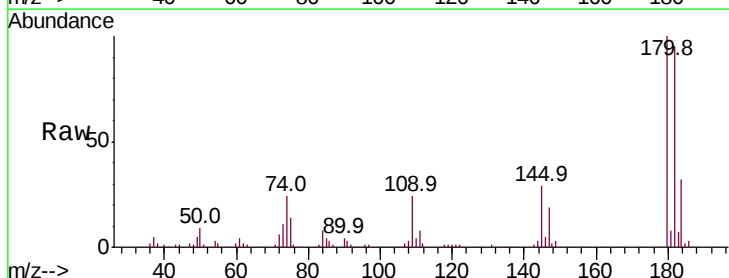
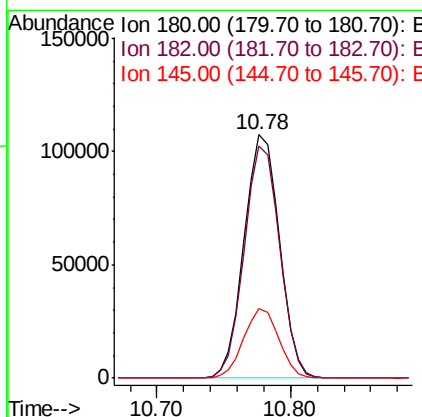
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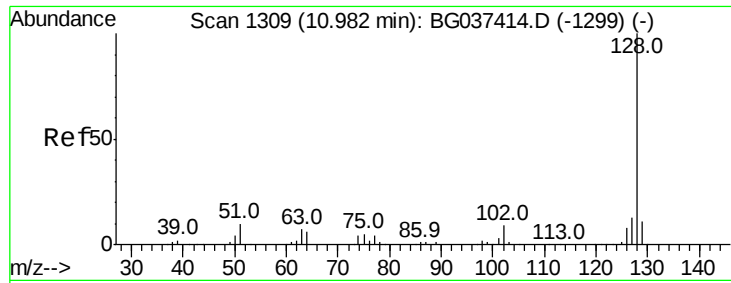
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.658 ng
 RT: 10.78 min Scan# 1274
 Delta R.T. -0.01 min
 Lab File: BG037729.D
 Acq: 1 Nov 2018 21:47

Tgt Ion:	180	Resp:	196555
Ion Ratio	Lower	Upper	
180	100		
182	95.1	77.7	116.5
145	28.7	23.3	34.9





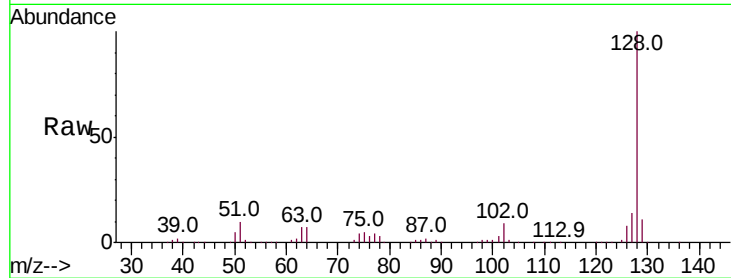
#31
Naphthalene
Concen: 42.387 ng
RT: 10.98 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BG037729.D
Acq: 1 Nov 2018 21:47

Instrument :
BNA_G
ClientSampleId :
PB114386BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.0	13.6
127	14.4	11.1	16.7

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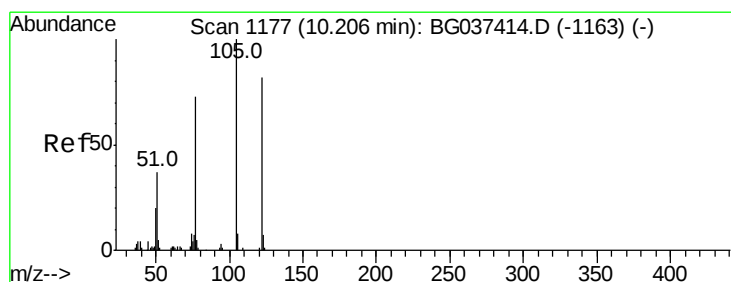
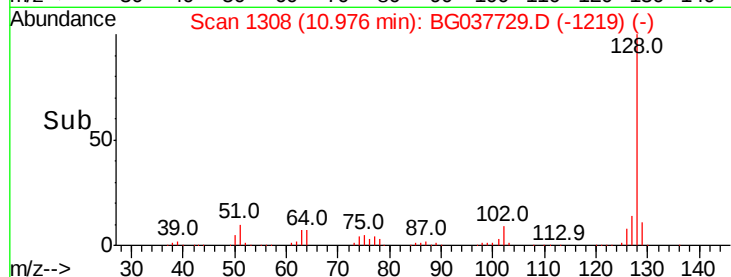
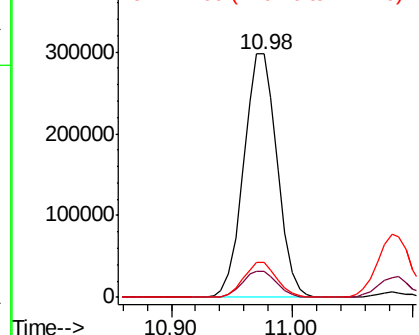


Abundance

Ion 128.00 (127.70 to 128.70): E

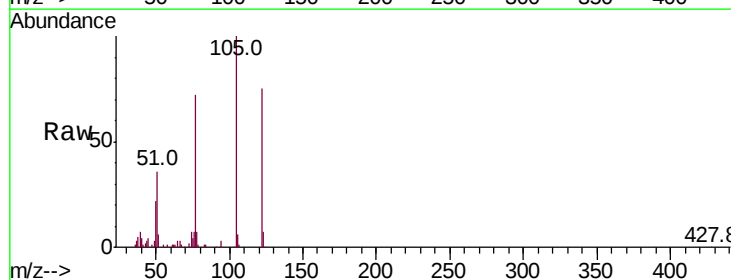
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 43.823 ng
RT: 10.20 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BG037729.D
Acq: 1 Nov 2018 21:47

Tgt Ion	Ratio	Lower	Upper
122	100		
105	133.8	106.7	146.7
77	96.7	72.2	112.2

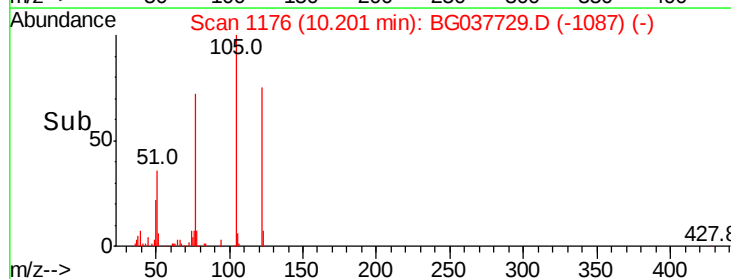
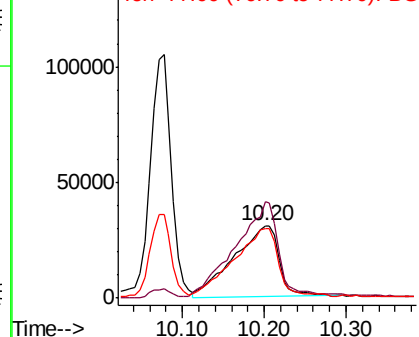


Abundance

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): BGC





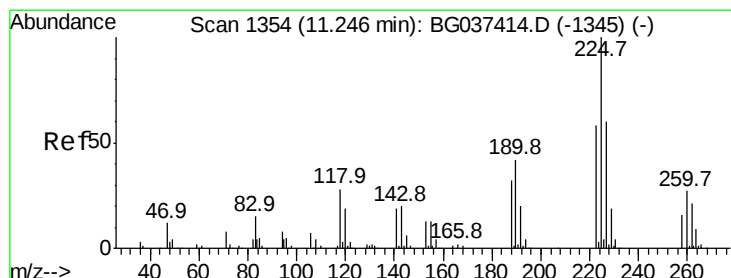
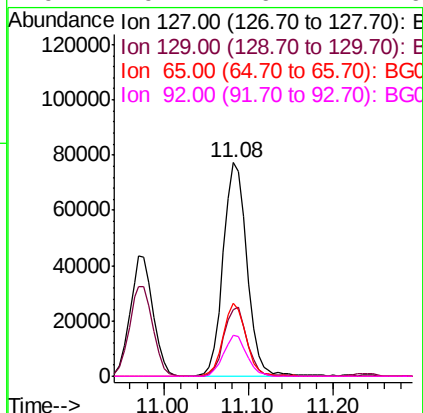
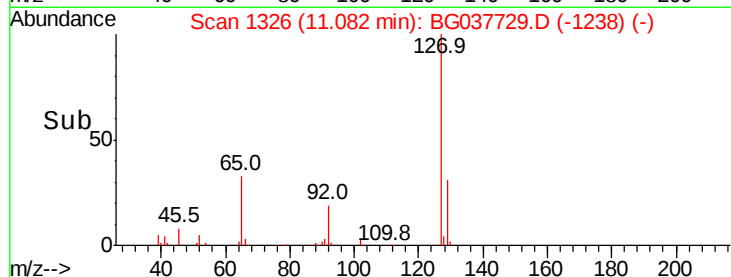
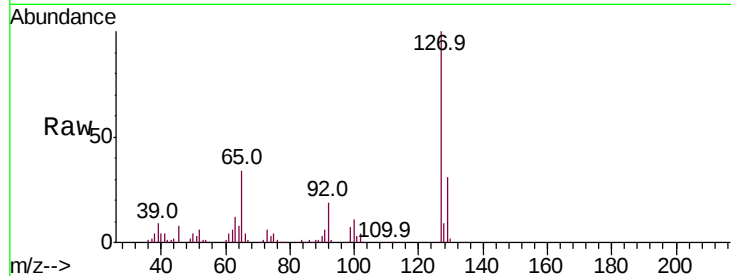
#33
4-Chloroaniline
Concen: 23.869 ng
RT: 11.08 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BG037729.D
Acq: 1 Nov 2018 21:47

Instrument :
BNA_G
ClientSampleID :
PB114386BSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.0	27.1	40.7	
65	33.9	26.6	39.8	
92	19.4	16.4	24.6	

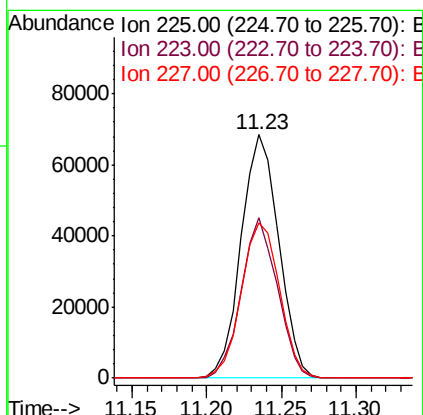
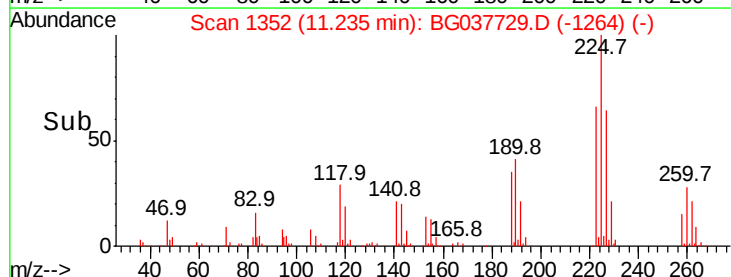
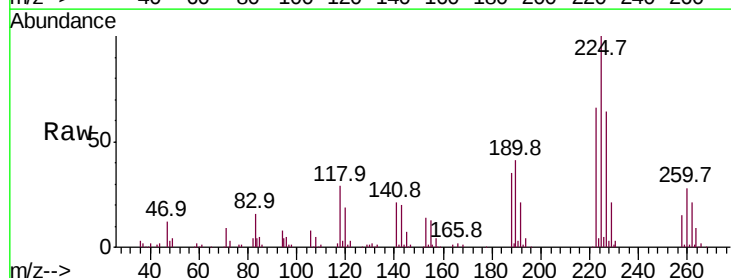
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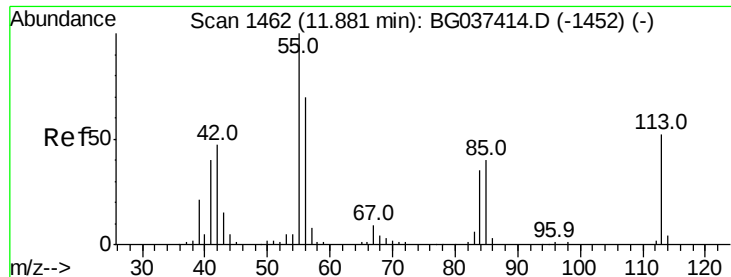
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#34
Hexachlorobutadiene
Concen: 40.745 ng
RT: 11.23 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BG037729.D
Acq: 1 Nov 2018 21:47

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	66.0	48.2	72.4	
227	66.4	51.6	77.4	





#35

Caprolactam

Concen: 38.044 ng/mL

RT: 11.87 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BG037729.D

Acq: 1 Nov 2018 21:47

Instrument :

BNA_G

ClientSampleID :

PB114386BSD

Tot Ion:113 Resp: 69541

Ion Ratio Lower Upper

113 100

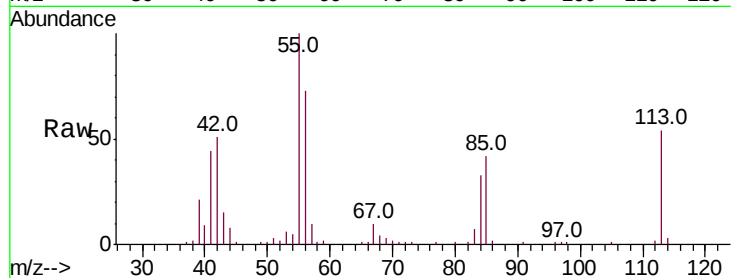
55 185.3 176.6 216.6

56 134.5 128.3 168.3

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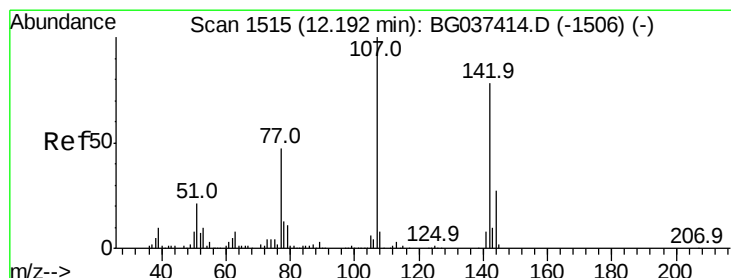
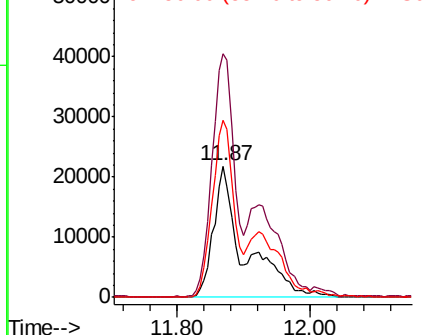
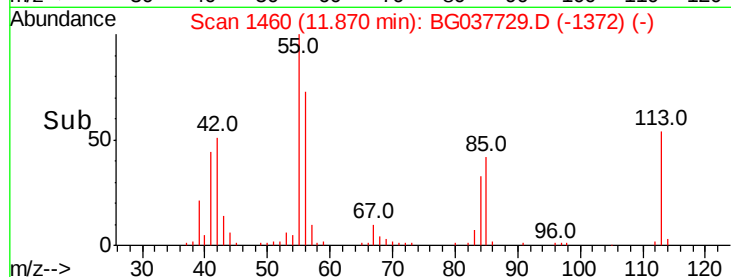
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 41.283 ng/mL

RT: 12.19 min Scan# 1514

Delta R.T. -0.01 min

Lab File: BG037729.D

Acq: 1 Nov 2018 21:47

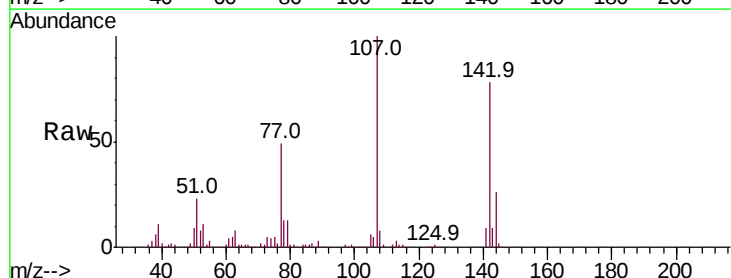
Tgt Ion:107 Resp: 212193

Ion Ratio Lower Upper

107 100

144 25.8 20.7 31.1

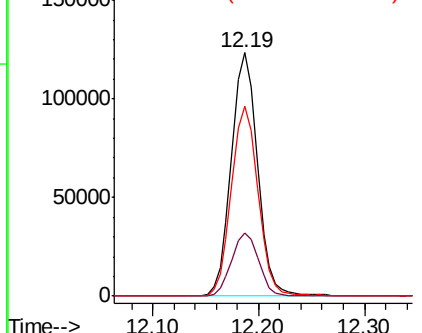
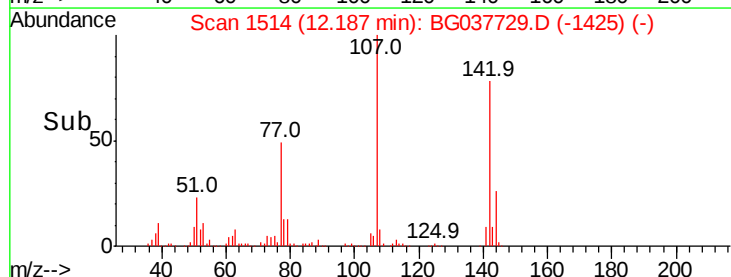
142 78.2 64.4 96.6

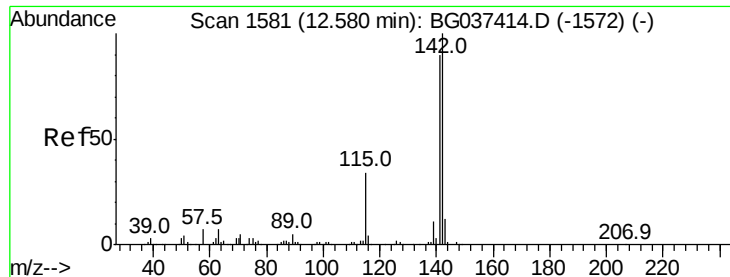


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





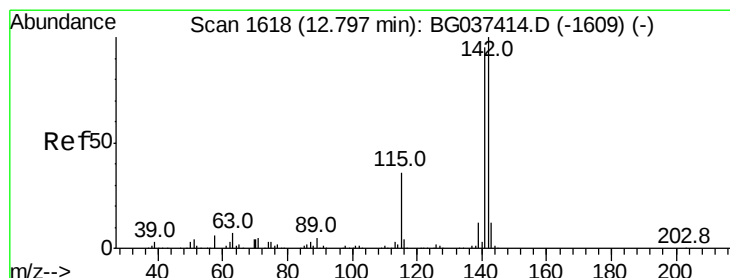
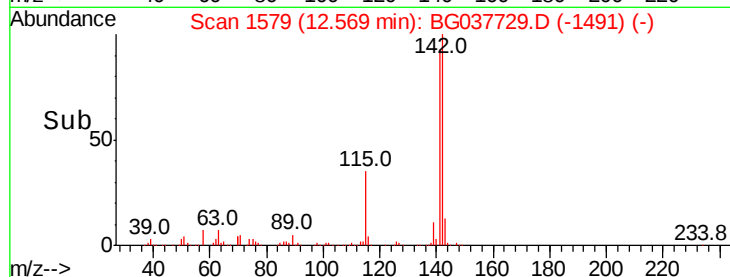
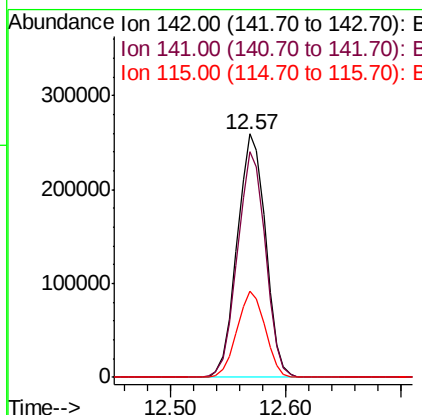
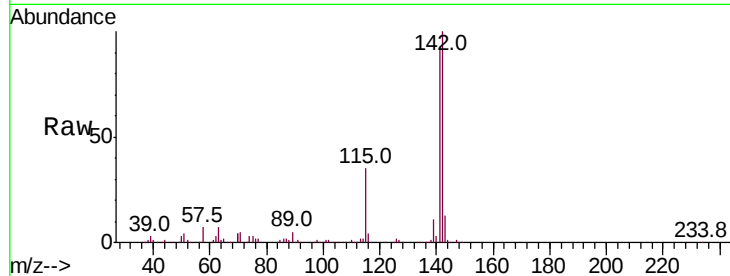
#37
2-Methylnaphthalene
Concen: 44.907 ng
RT: 12.57 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BG037729.D
Acq: 1 Nov 2018 21:47

Instrument :
BNA_G
ClientSampleId :
PB114386BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.7	71.9	107.9
115	35.4	27.8	41.8

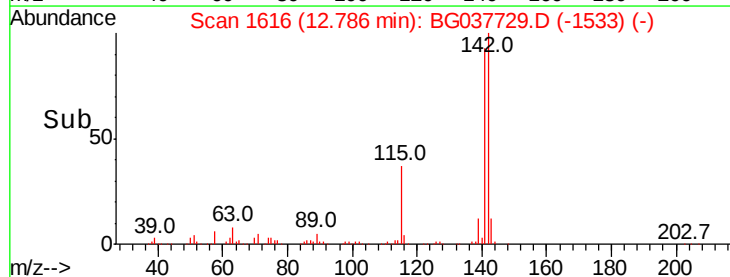
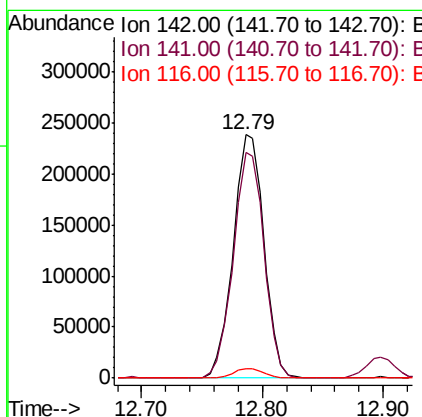
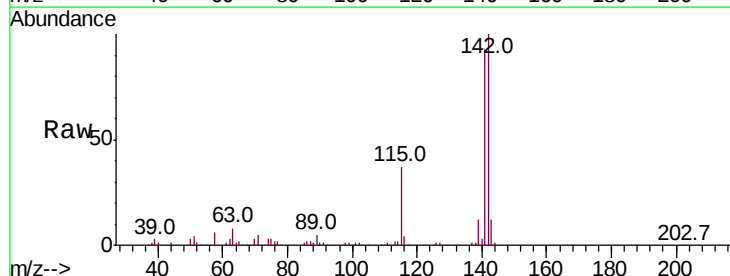
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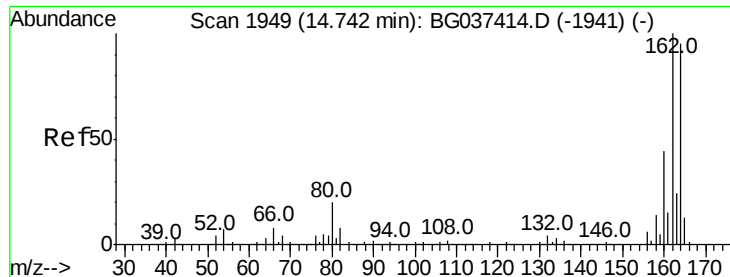
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#38
1-Methylnaphthalene
Concen: 44.269 ng
RT: 12.79 min Scan# 1616
Delta R.T. -0.01 min
Lab File: BG037729.D
Acq: 1 Nov 2018 21:47

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.7	75.2	112.8
116	3.7	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG037729.D

Acq: 1 Nov 2018 21:47

Instrument :

BNA_G

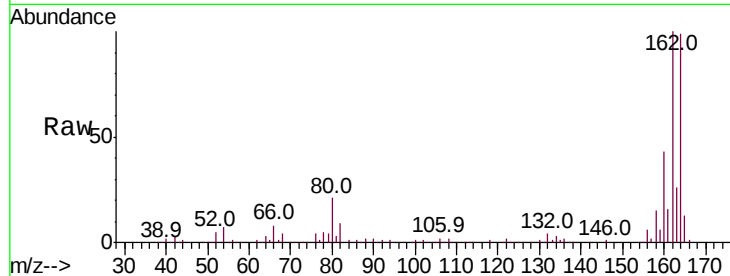
ClientSampleId :

PB114386BSD

Tot Ion:	164	Resp:	179625
Ion Ratio	Lower	Upper	
164	100		
162	100.7	81.3	121.9
160	43.6	36.3	54.5

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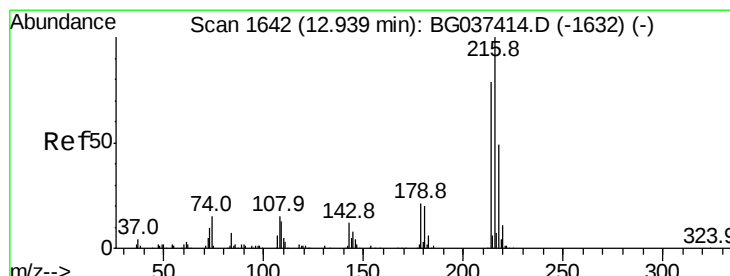
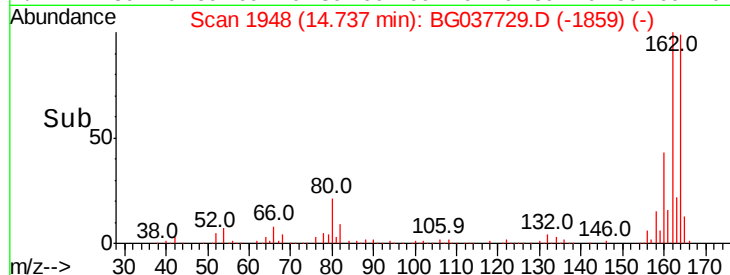
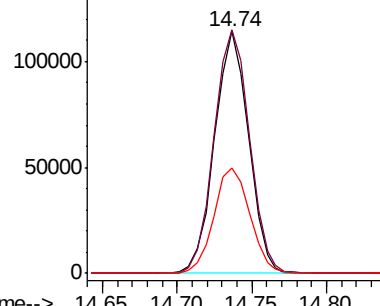


Abundance

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: 39.987 ng

RT: 12.93 min Scan# 1640

Delta R.T. -0.01 min

Lab File: BG037729.D

Acq: 1 Nov 2018 21:47

Tgt Ion:	216	Resp:	231679
Ion Ratio	Lower	Upper	
216	100		
214	79.3	63.8	95.6
179	21.2	17.4	26.0
108	19.6	13.9	20.9

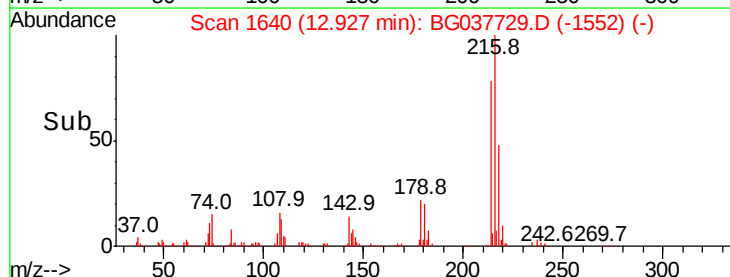
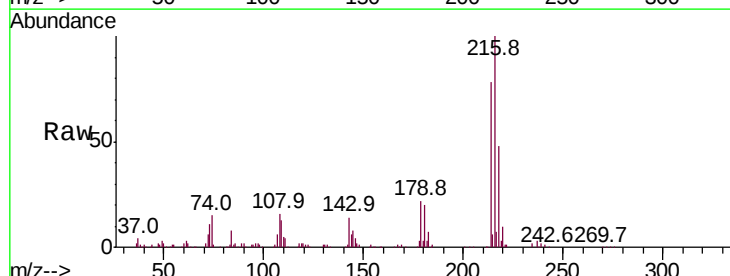
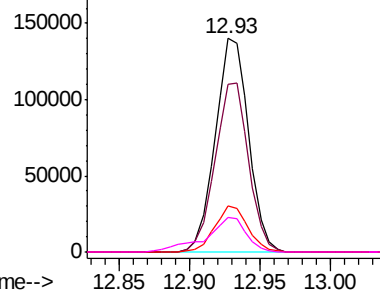
Abundance

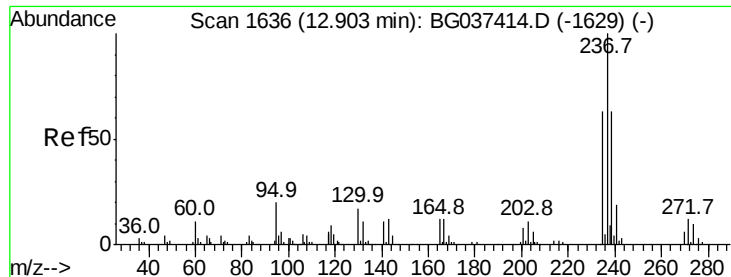
Ion 216.00 (215.70 to 216.70): E

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: 106.783 ng

RT: 12.90 min Scan# 1635

Delta R.T. -0.01 min

Lab File: BG037729.D

Acq: 1 Nov 2018 21:47

Instrument :

BNA_G

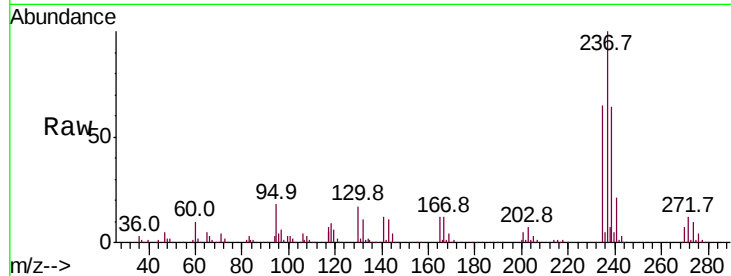
ClientSampleId :

PB114386BSD

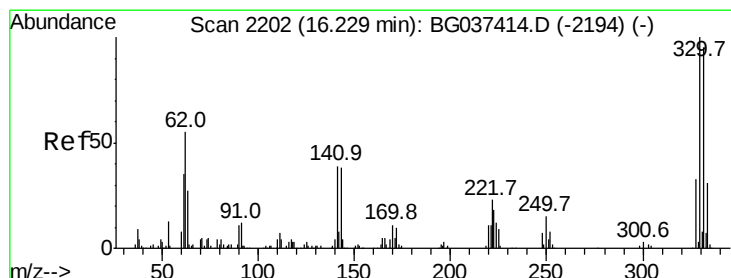
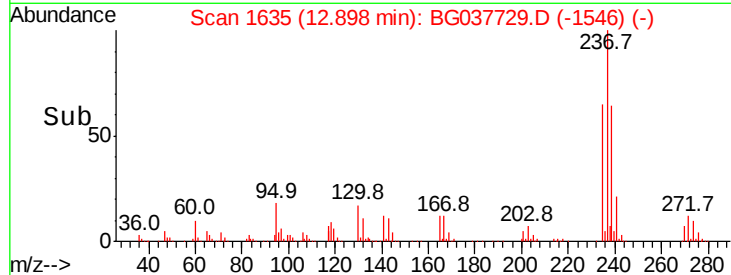
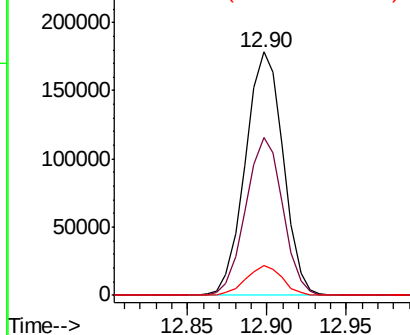
Tot Ion:	237	Resp:	295532
Ion Ratio	Lower	Upper	
237	100		
235	64.9	42.5	82.5
272	12.3	0.0	31.6

Manual Integrations
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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: 146.064 ng

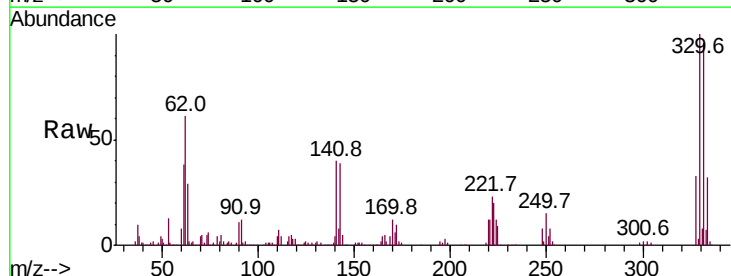
RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

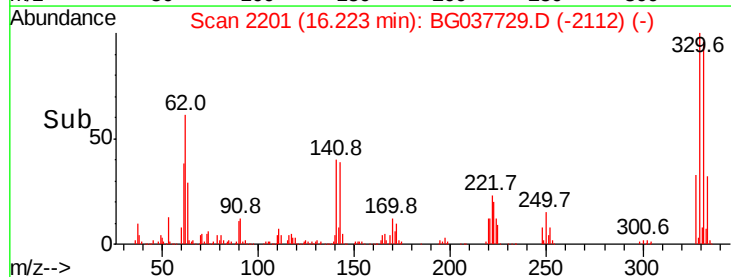
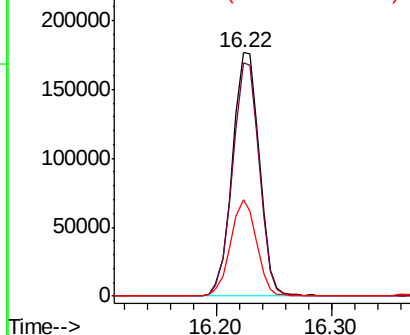
Lab File: BG037729.D

Acq: 1 Nov 2018 21:47

Tgt Ion:	330	Resp:	286161
Ion Ratio	Lower	Upper	
330	100		
332	94.9	78.4	117.6
141	38.1	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





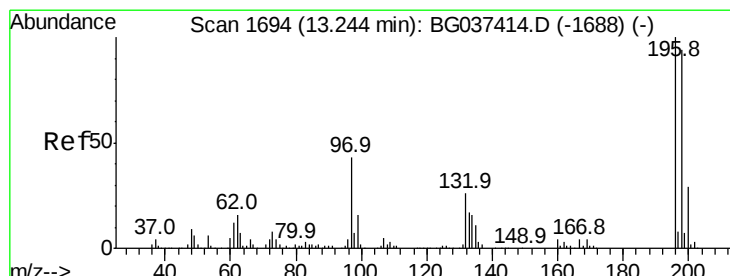
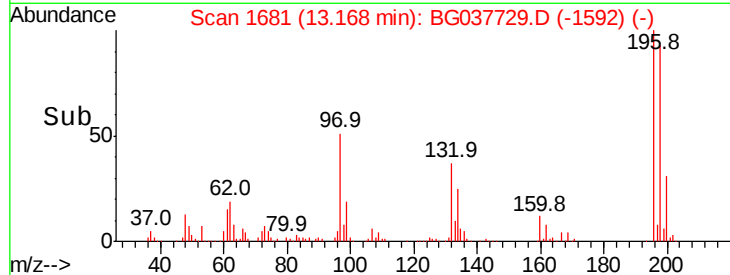
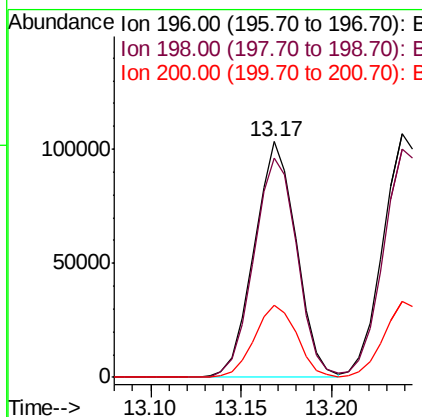
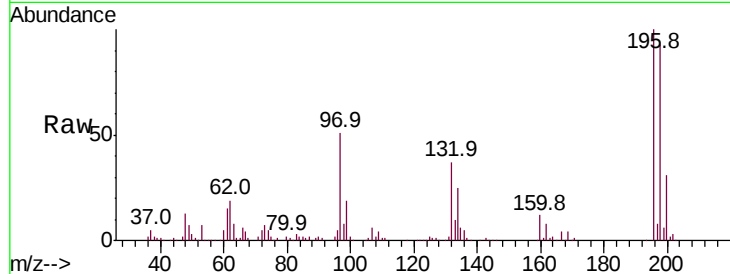
#43
 2,4,6-Trichlorophenol
 Concen: 43.104 ng
 RT: 13.17 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: BG037729.D
 Acq: 1 Nov 2018 21:47

Instrument :
 BNA_G
 ClientSampleId :
 PB114386BSD

Tot Ion:	196	Resp:	166845
Ion Ratio	Lower	Upper	
196	100		
198	93.4	76.4	114.6
200	30.6	24.9	37.3

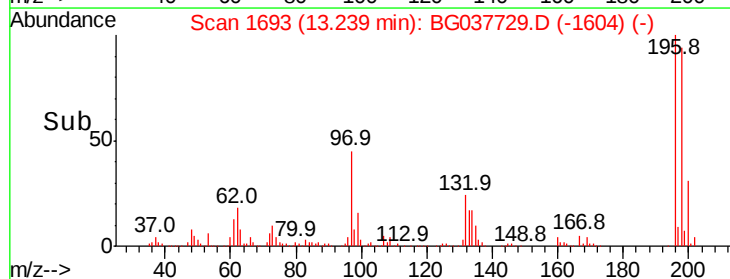
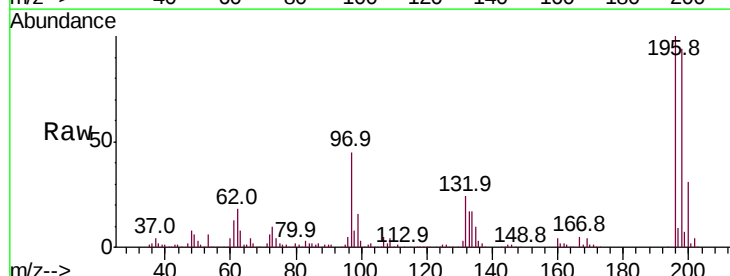
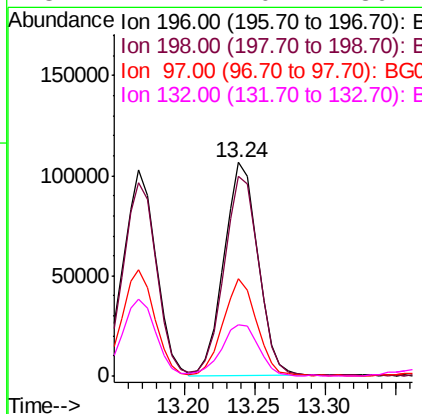
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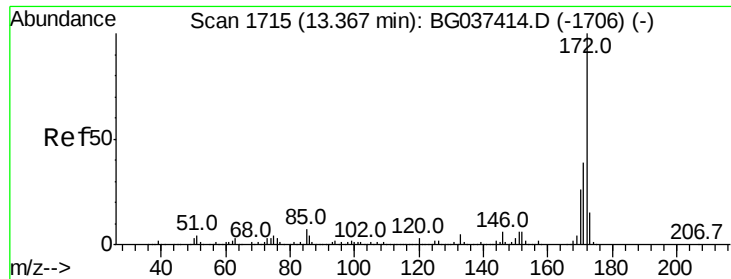
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#44
 2,4,5-Trichlorophenol
 Concen: 42.383 ng
 RT: 13.24 min Scan# 1693
 Delta R.T. -0.01 min
 Lab File: BG037729.D
 Acq: 1 Nov 2018 21:47

Tgt Ion:	196	Resp:	178619
Ion Ratio	Lower	Upper	
196	100		
198	93.5	74.2	111.2
97	45.3	34.1	51.1
132	24.1	20.2	30.4





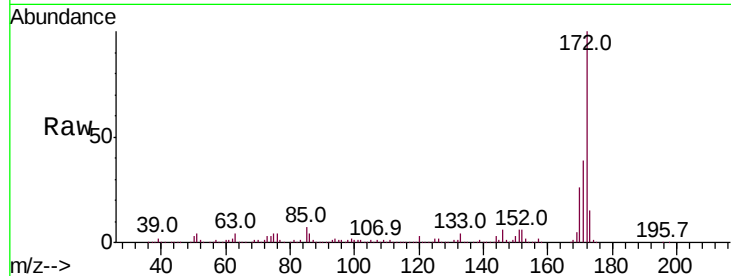
#45
2-Fluorobiphenyl
Concen: 74.868 ng
RT: 13.36 min Scan# 1713
Delta R.T. -0.01 min
Lab File: BG037729.D
Acq: 1 Nov 2018 21:47

Instrument :
BNA_G
ClientSampleId :
PB114386BSD

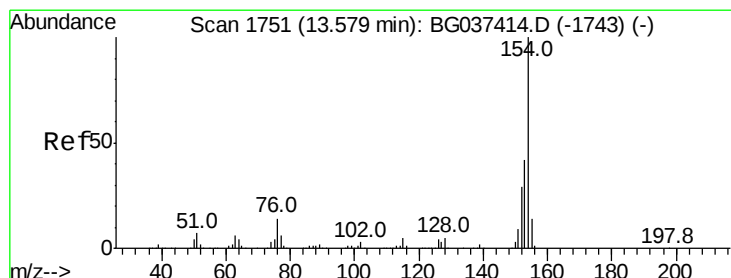
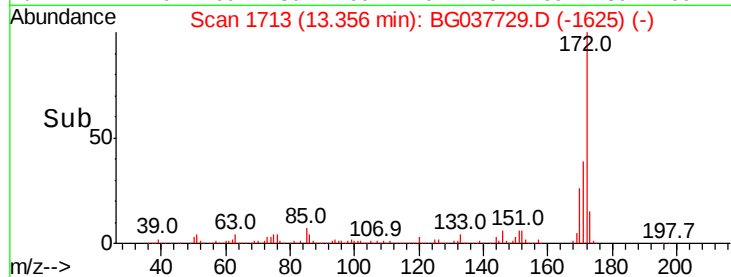
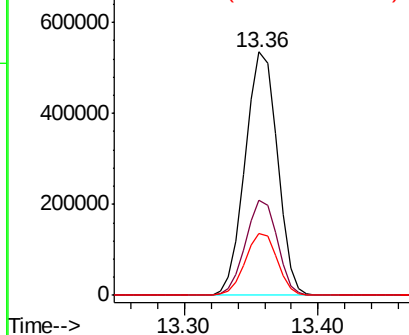
Tot Ion	Ratio	Resp	Lower	Upper
172	100	891819		
171	39.1		31.0	46.4
170	25.6		20.2	30.2

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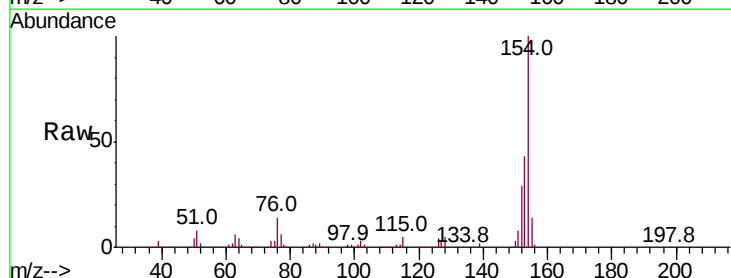


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

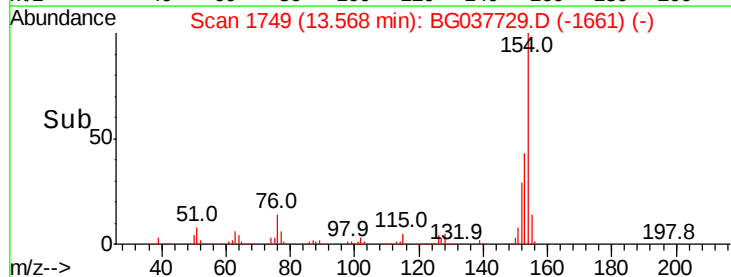
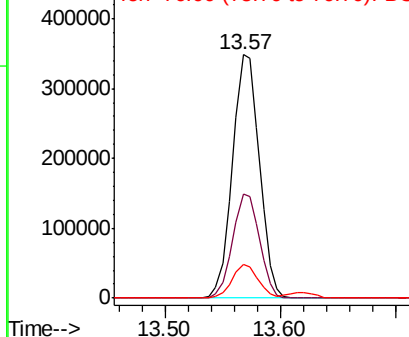


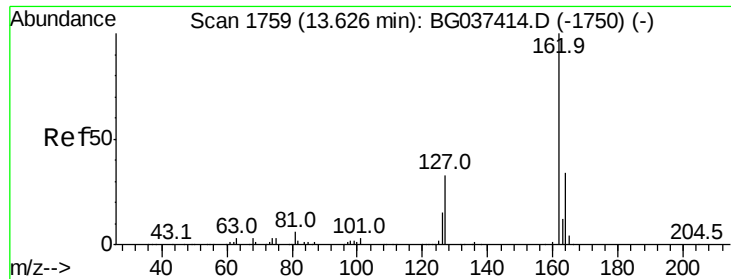
#46
1,1'-Biphenyl
Concen: 37.813 ng
RT: 13.57 min Scan# 1749
Delta R.T. -0.01 min
Lab File: BG037729.D
Acq: 1 Nov 2018 21:47

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	562510		
153	42.8		22.1	62.1
76	13.8		0.0	33.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BG





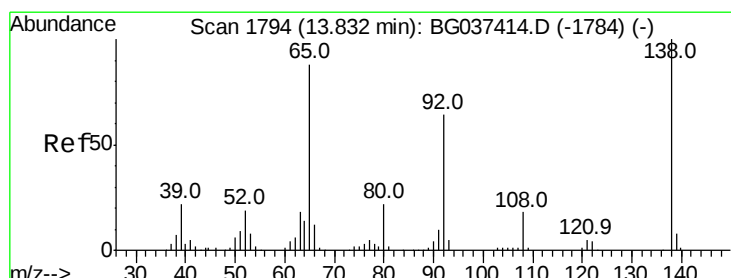
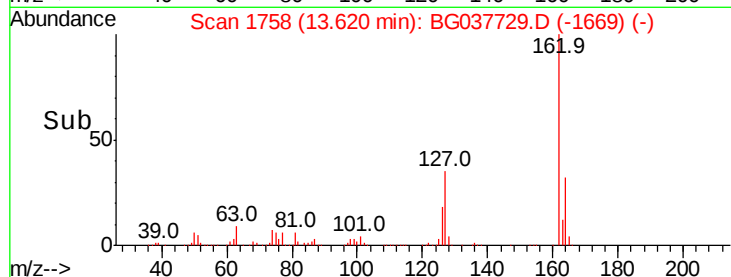
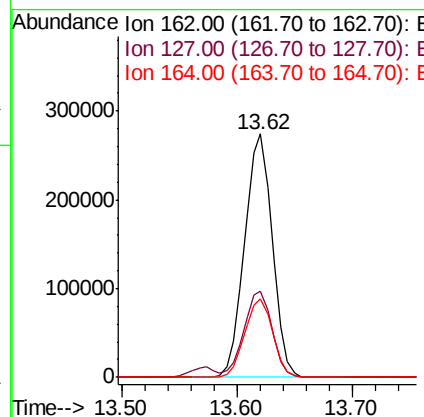
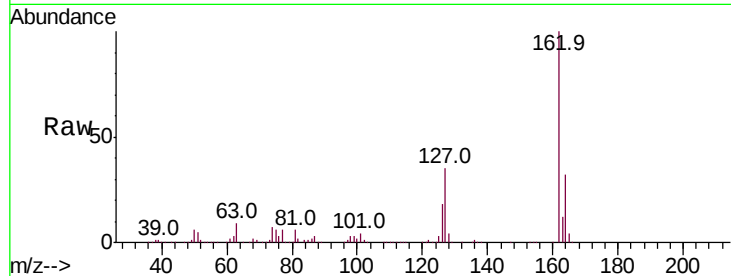
#47
2-Chloronaphthalene
Concen: 40.386 ng
RT: 13.62 min Scan# 1758
Delta R.T. -0.01 min
Lab File: BG037729.D
Acq: 1 Nov 2018 21:47

Instrument :
BNA_G
ClientSampleId :
PB114386BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	454524		
127	35.3		30.5	45.7
164	32.1		26.4	39.6

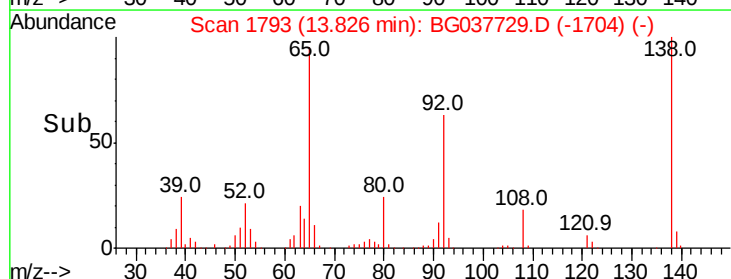
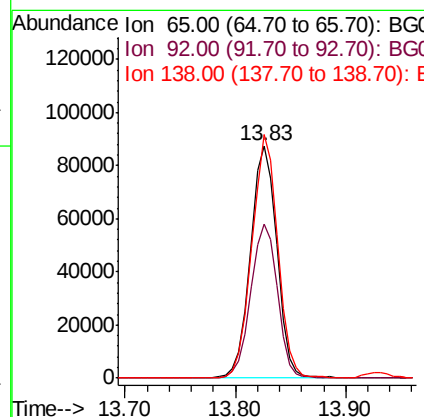
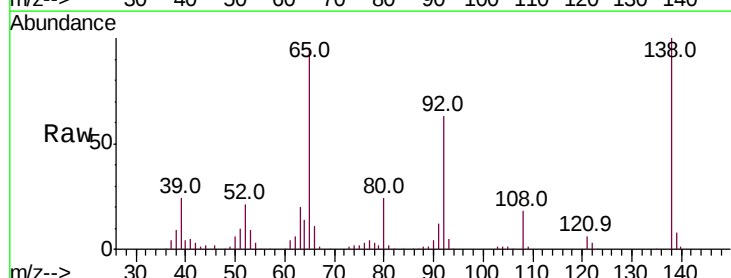
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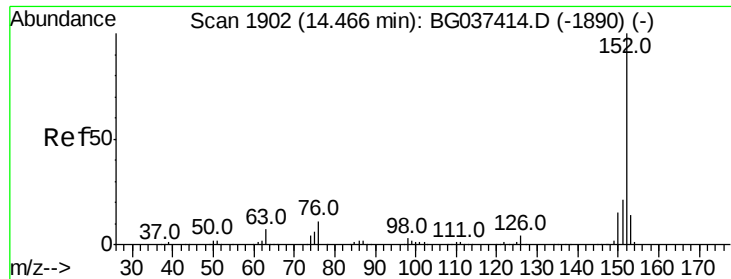
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#48
2-Nitroaniline
Concen: 43.231 ng
RT: 13.83 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BG037729.D
Acq: 1 Nov 2018 21:47

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	147543		
92	66.2		53.2	79.8
138	104.8		79.3	118.9





#49

Acenaphthylene

Concen: 42.569 ng

RT: 14.46 min Scan# 1901

Delta R.T. -0.01 min

Lab File: BG037729.D

Acq: 1 Nov 2018 21:47

Instrument :

BNA_G

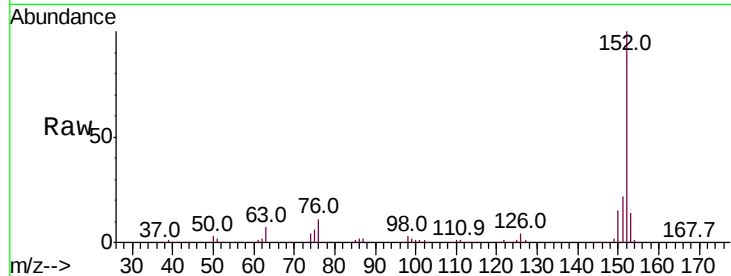
ClientSampleId :

PB114386BSD

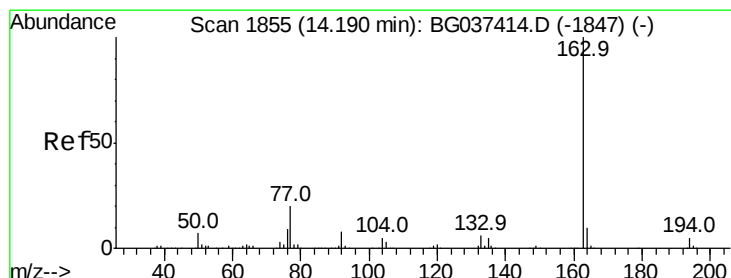
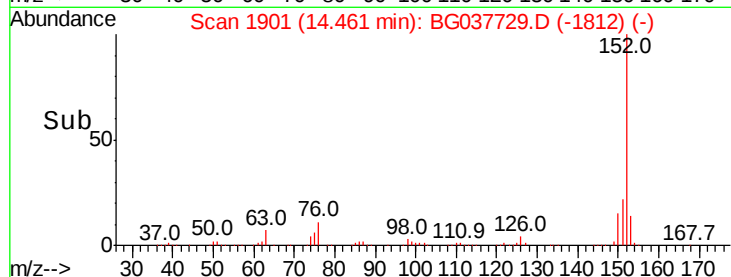
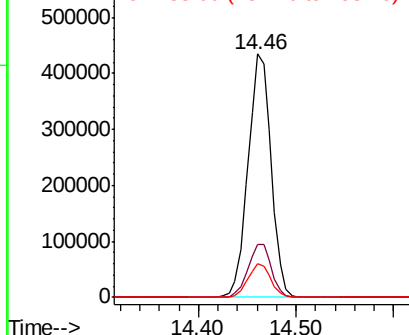
Tot Ion:	152	Resp:	720674
Ion Ratio	Lower	Upper	
152	100		
151	21.7	17.1	25.7
153	14.1	11.1	16.7

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



#50

Dimethylphthalate

Concen: 40.122 ng

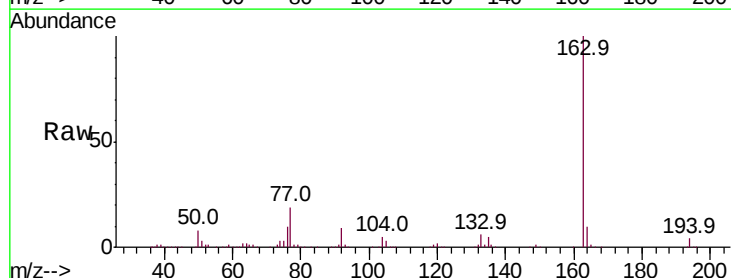
RT: 14.18 min Scan# 1854

Delta R.T. -0.01 min

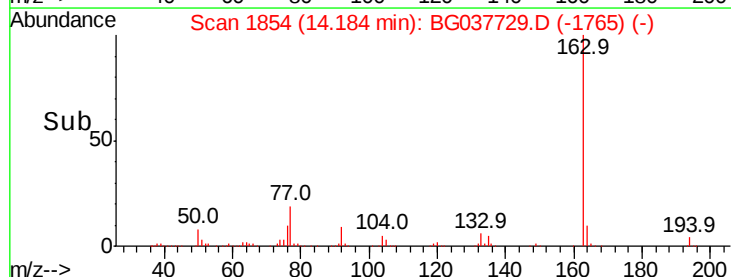
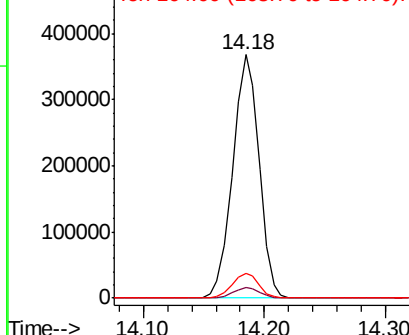
Lab File: BG037729.D

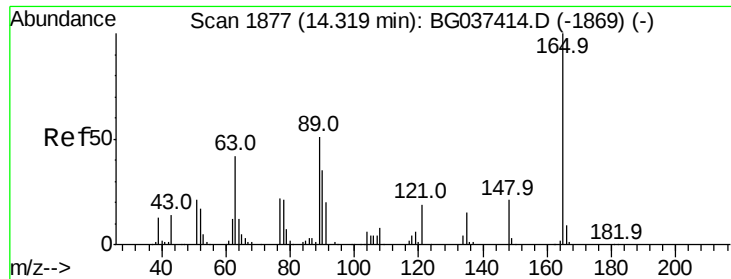
Acq: 1 Nov 2018 21:47

Tgt Ion:	163	Resp:	557543
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.5	5.3
164	10.3	8.5	12.7



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





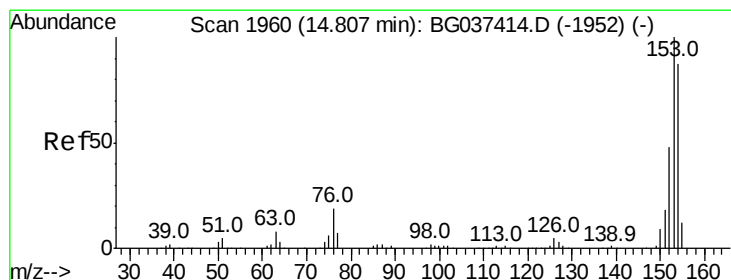
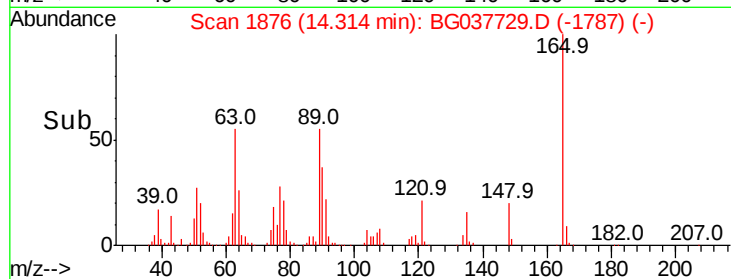
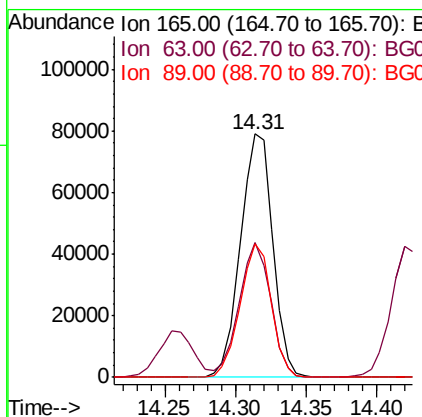
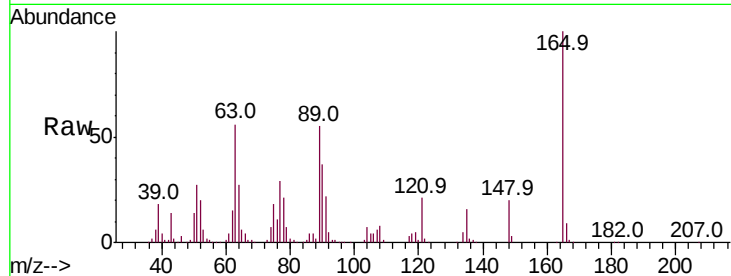
#51
2,6-Dinitrotoluene
Concen: 41.191 ng
RT: 14.31 min Scan# 1876
Delta R.T. -0.01 min
Lab File: BG037729.D
Acq: 1 Nov 2018 21:47

Instrument :
BNA_G
ClientSampleId :
PB114386BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	126624		
63	55.6	43.4	65.2	
89	54.7	45.8	68.6	

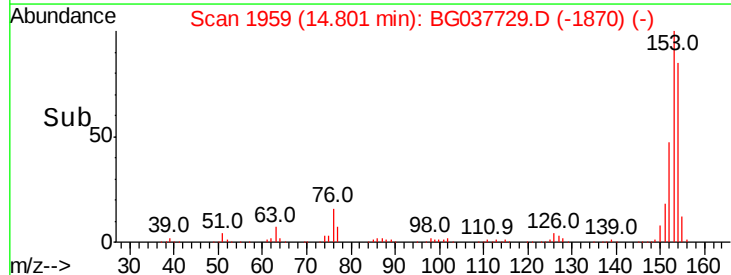
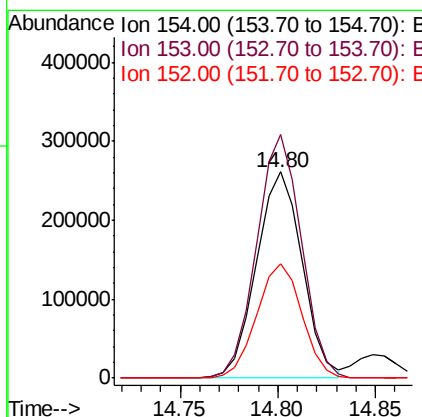
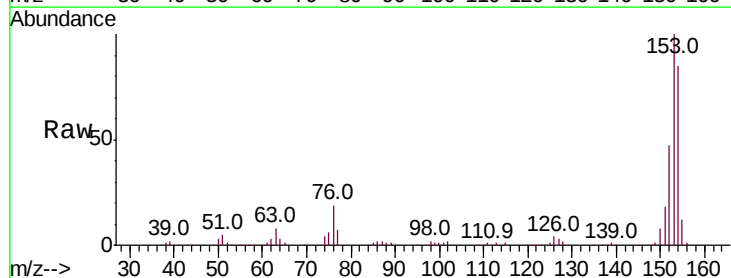
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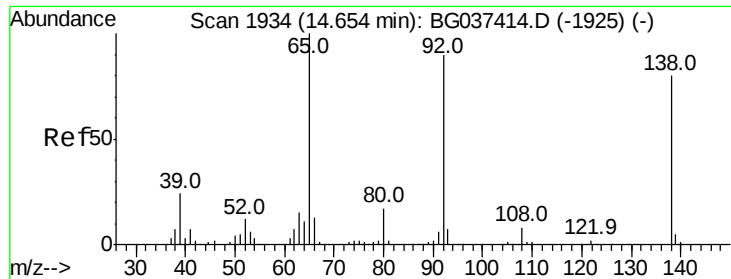
Sohil
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#52
Acenaphthene
Concen: 40.543 ng
RT: 14.80 min Scan# 1959
Delta R.T. -0.01 min
Lab File: BG037729.D
Acq: 1 Nov 2018 21:47

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	422723		
153	118.1	93.4	140.0	
152	55.2	44.7	67.1	





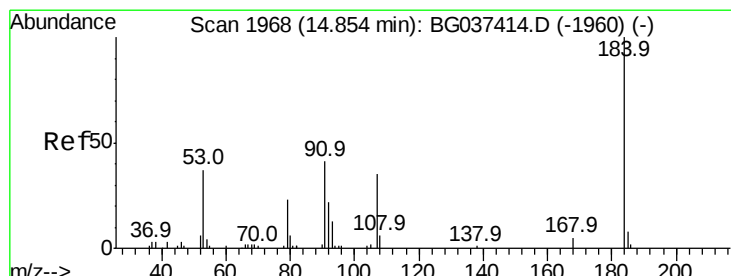
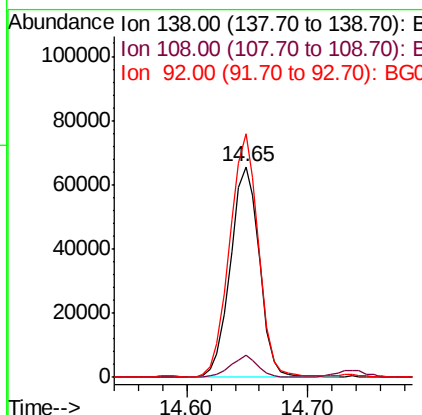
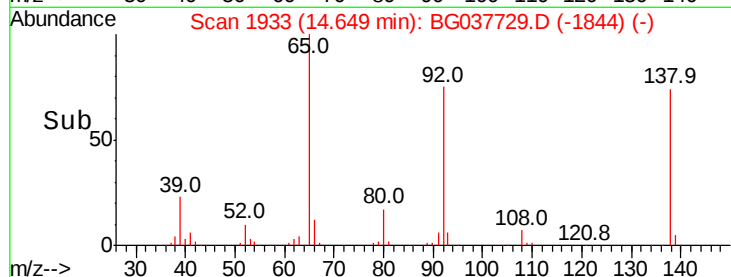
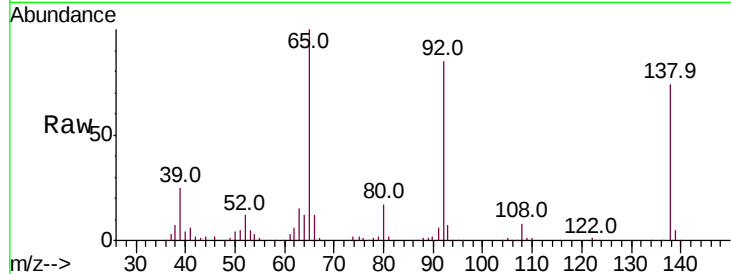
#53
 3-Nitroaniline
 Concen: 32.133 ng
 RT: 14.65 min Scan# 1933
 Delta R.T. -0.01 min
 Lab File: BG037729.D
 Acq: 1 Nov 2018 21:47

Instrument :
 BNA_G
 ClientSampleId :
 PB114386BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.8	11.0	16.6#
92	115.7	95.2	142.8

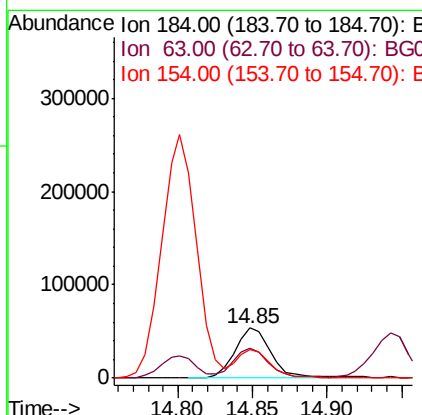
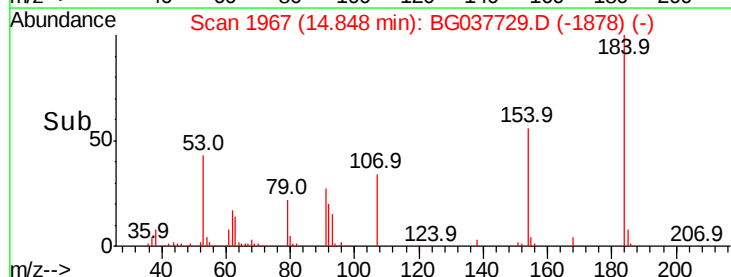
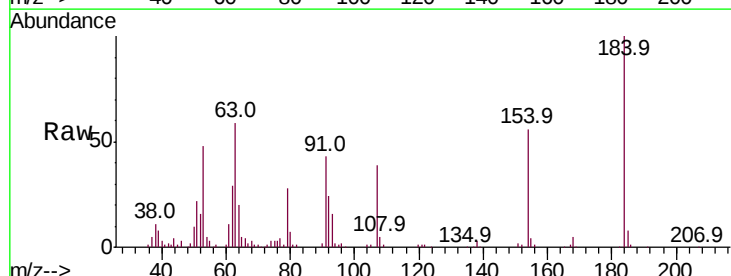
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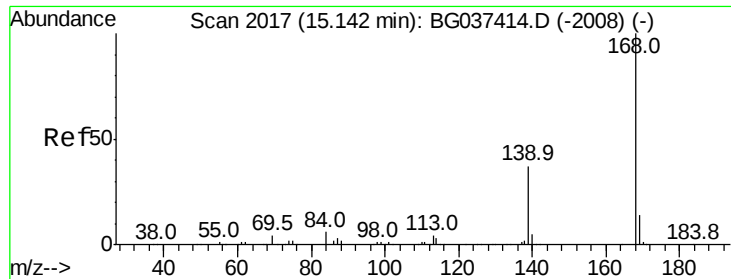
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#54
 2,4-Dinitrophenol
 Concen: 71.444 ng
 RT: 14.85 min Scan# 1967
 Delta R.T. -0.00 min
 Lab File: BG037729.D
 Acq: 1 Nov 2018 21:47

Tgt Ion	Ratio	Lower	Upper
184	100		
63	58.7	42.6	63.8
154	56.2	41.8	62.6





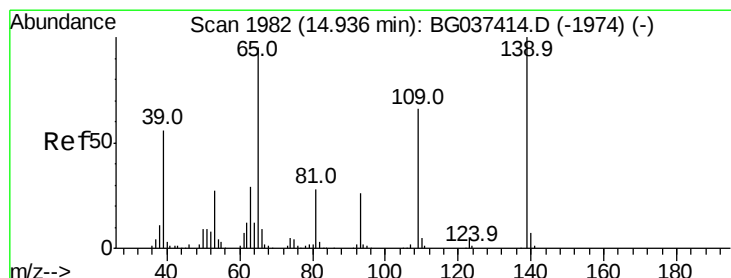
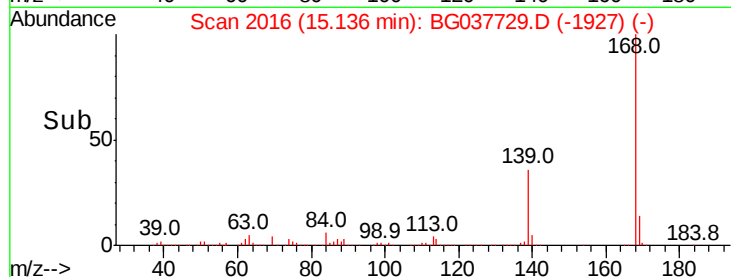
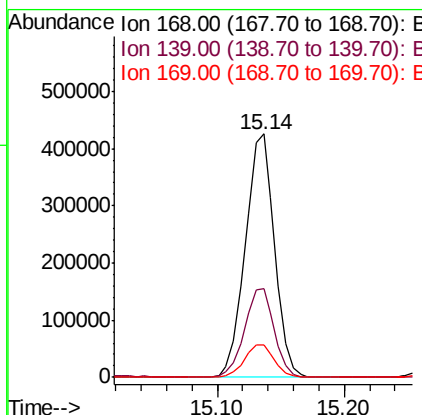
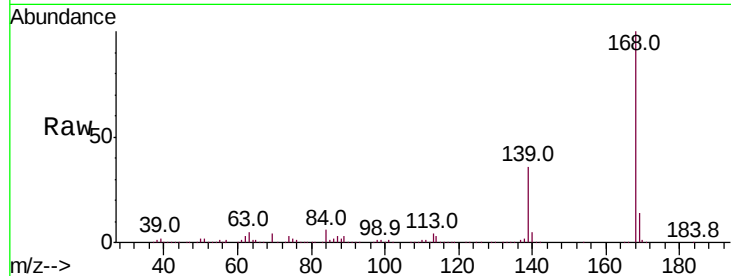
#55
Dibenzofuran
Concen: 39.325 ng
RT: 15.14 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BG037729.D
Acq: 1 Nov 2018 21:47

Instrument :
BNA_G
ClientSampleId :
PB114386BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.5	29.4	44.0
169	13.6	11.0	16.6

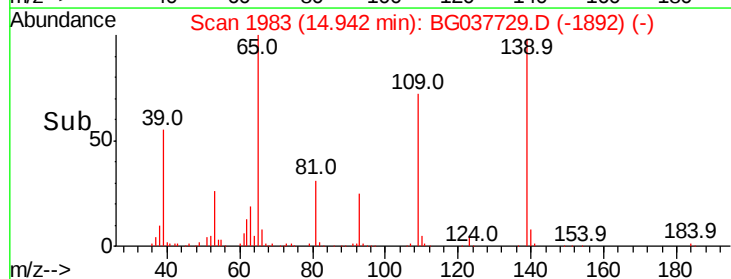
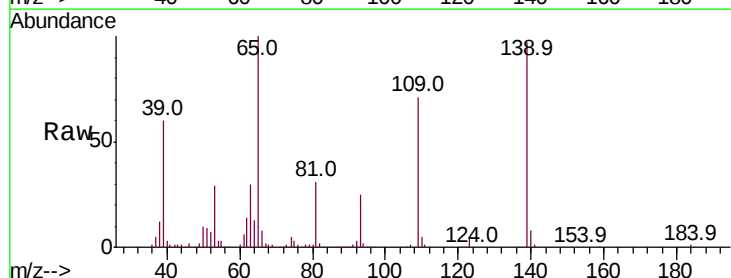
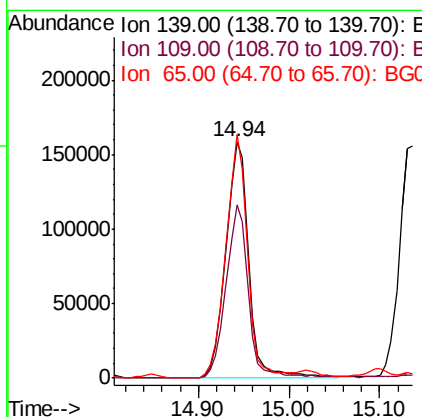
Manual Integrations
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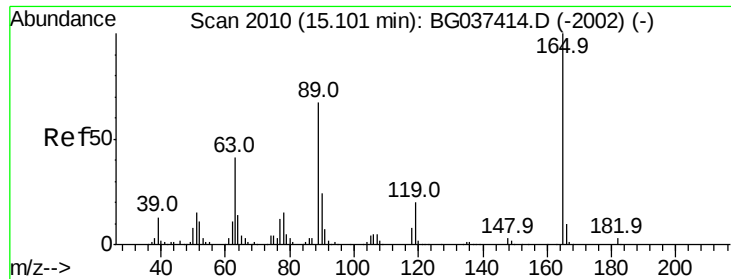
Sohil
11/2/2018 11:29:43 AM



#56
4-Nitrophenol
Concen: 110.899 ng
RT: 14.94 min Scan# 1983
Delta R.T. 0.01 min
Lab File: BG037729.D
Acq: 1 Nov 2018 21:47

Tgt Ion	Ratio	Lower	Upper
139	100		
109	73.5	49.5	89.5
65	103.0	76.8	116.8





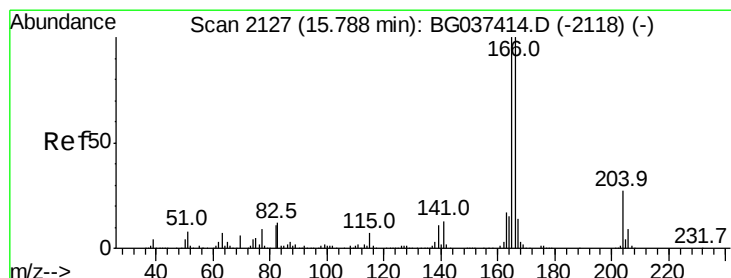
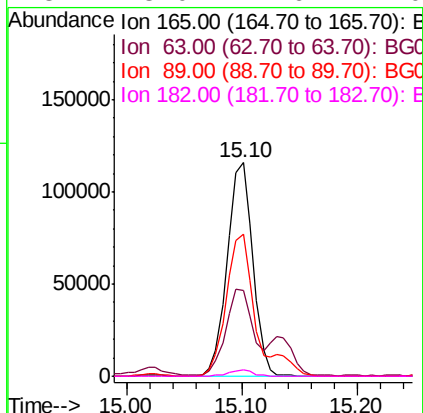
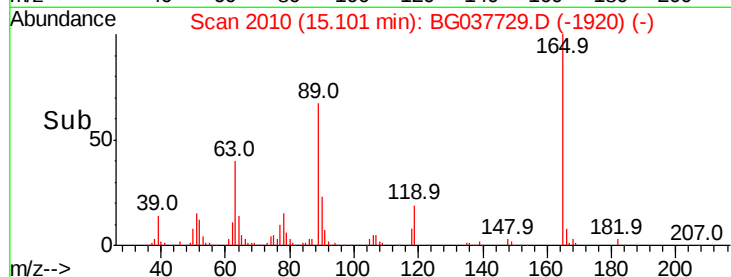
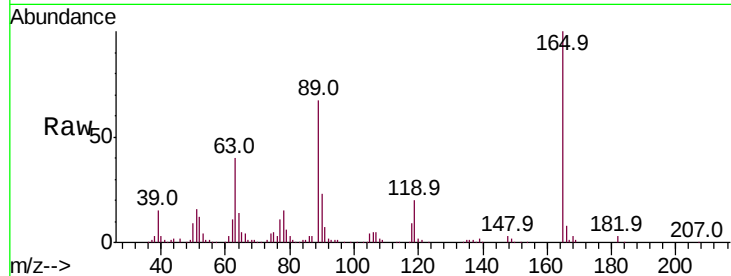
#57
2,4-Dinitrotoluene
Concen: 44.101 ng
RT: 15.10 min Scan# 2010
Delta R.T. 0.00 min
Lab File: BG037729.D
Acq: 1 Nov 2018 21:47

Instrument :
BNA_G
ClientSampleId :
PB114386BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	177961		
63	40.4	33.4	50.0	
89	66.8	57.2	85.8	
182	3.0	2.6	4.0	

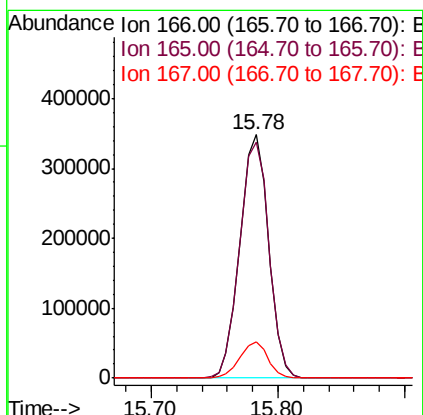
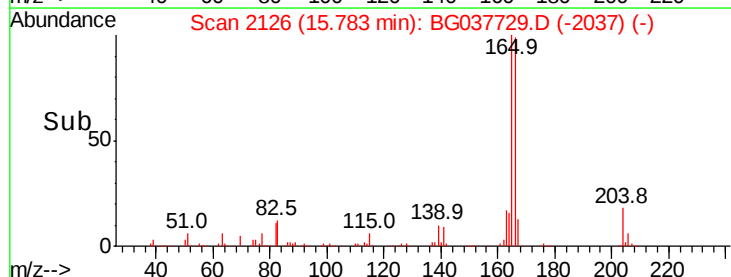
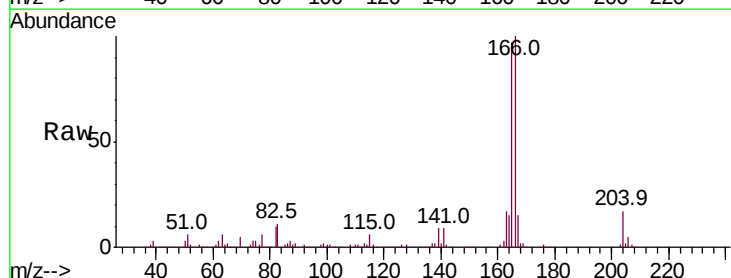
Manual Integrations
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#58
Fluorene
Concen: 42.270 ng
RT: 15.78 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BG037729.D
Acq: 1 Nov 2018 21:47

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	546821		
165	97.0	79.0	118.6	
167	14.7	11.3	16.9	





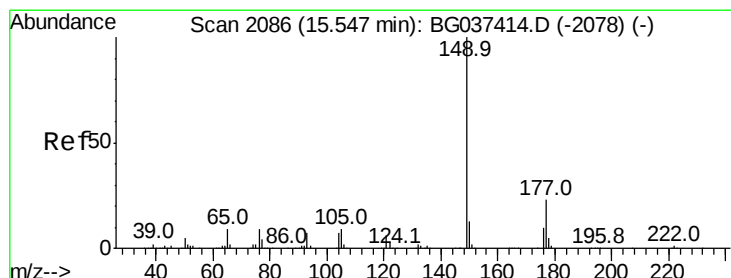
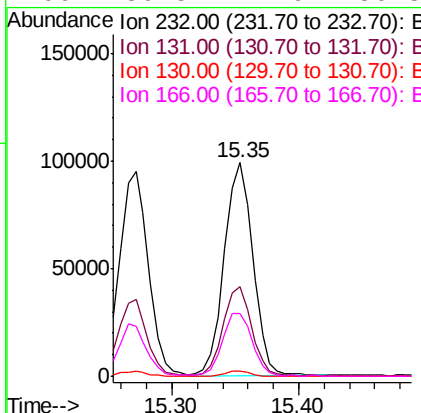
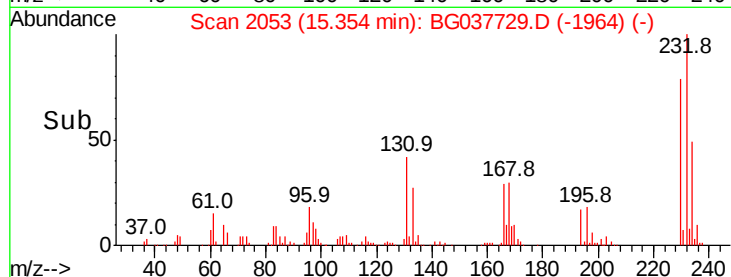
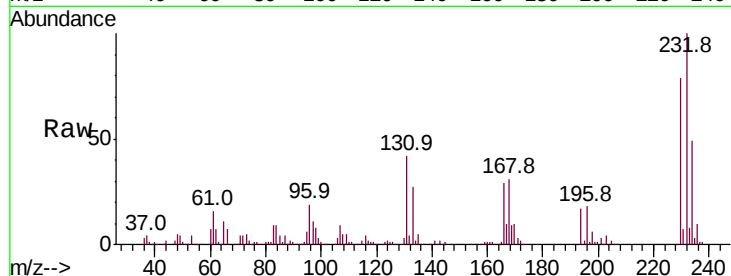
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.013 ng
 RT: 15.35 min Scan# 2053
 Delta R.T. -0.01 min
 Lab File: BG037729.D
 Acq: 1 Nov 2018 21:47

Instrument :
 BNA_G
 ClientSampleId :
 PB114386BSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	155208		
131	42.2		33.7	50.5
130	2.3		2.1	3.1
166	30.5		24.6	36.8

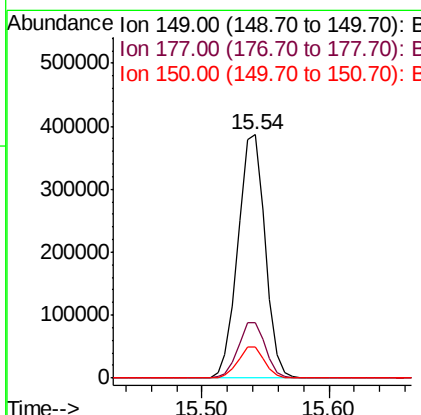
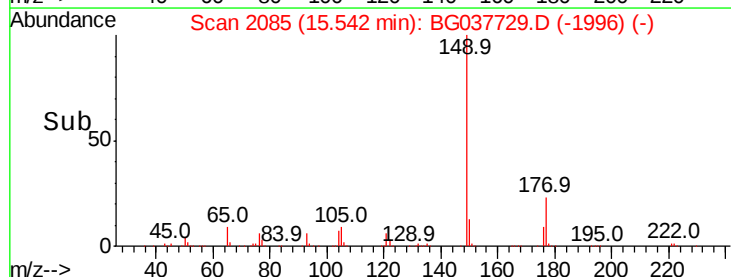
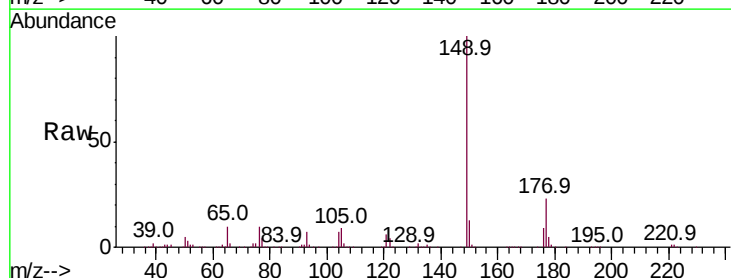
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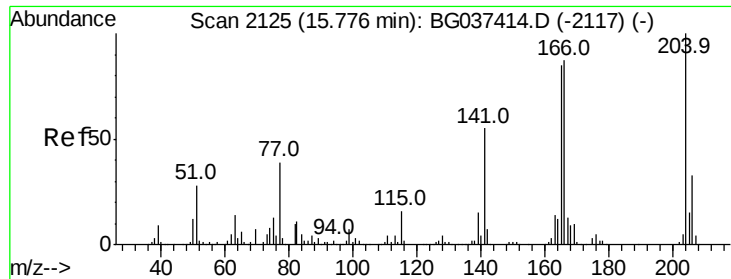
Sohil
 11/2/2018 11:29:43 AM



#60
 Diethylphthalate
 Concen: 40.039 ng
 RT: 15.54 min Scan# 2085
 Delta R.T. -0.01 min
 Lab File: BG037729.D
 Acq: 1 Nov 2018 21:47

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	571222		
177	23.0		18.3	27.5
150	12.8		10.0	15.0





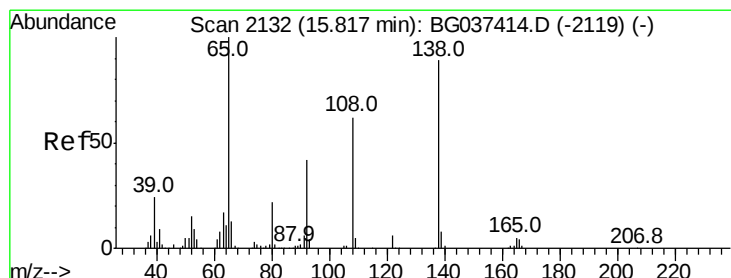
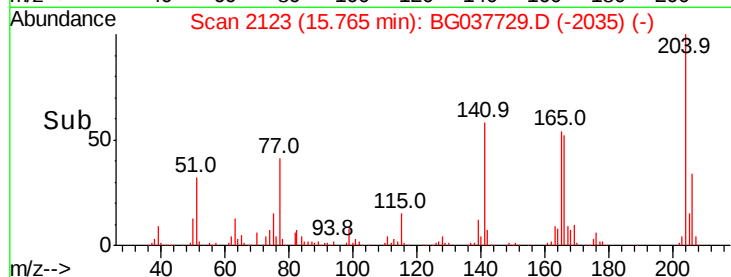
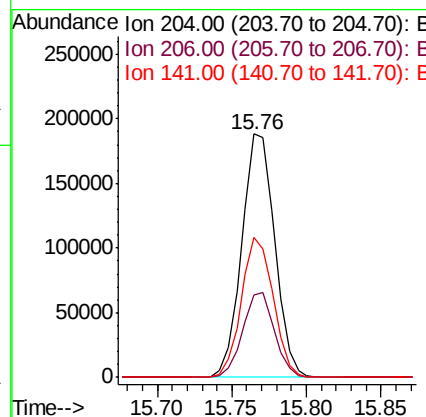
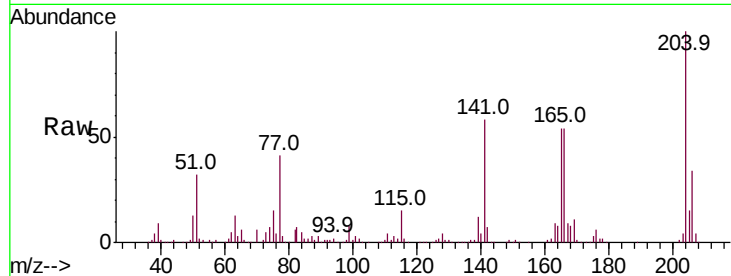
#61
4-Chlorophenyl-phenylether
Concen: 38.185 ng
RT: 15.76 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BG037729.D
Acq: 1 Nov 2018 21:47

Instrument :
BNA_G
ClientSampleID :
PB114386BSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.6	26.6	39.8
141	57.6	45.4	68.2

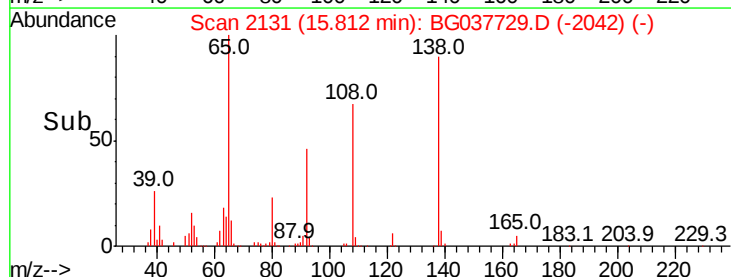
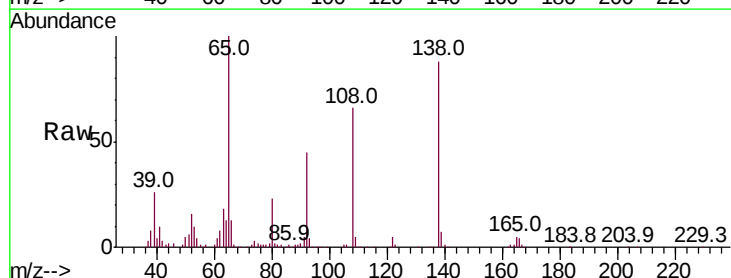
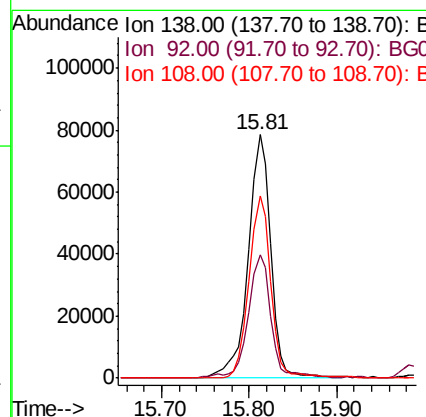
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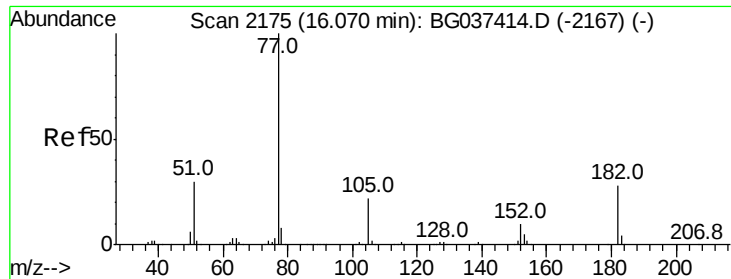
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#62
4-Nitroaniline
Concen: 40.060 ng
RT: 15.81 min Scan# 2131
Delta R.T. -0.01 min
Lab File: BG037729.D
Acq: 1 Nov 2018 21:47

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.9	36.4	76.4
108	74.7	60.1	100.1





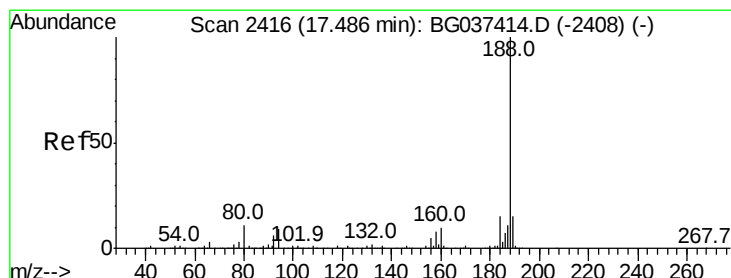
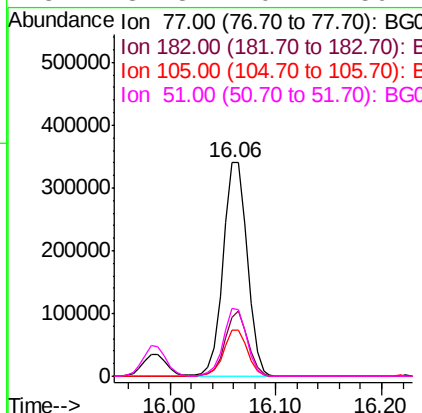
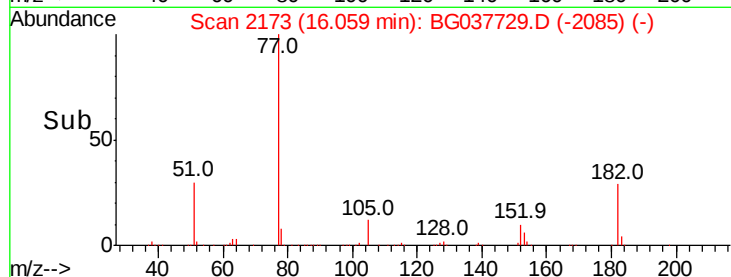
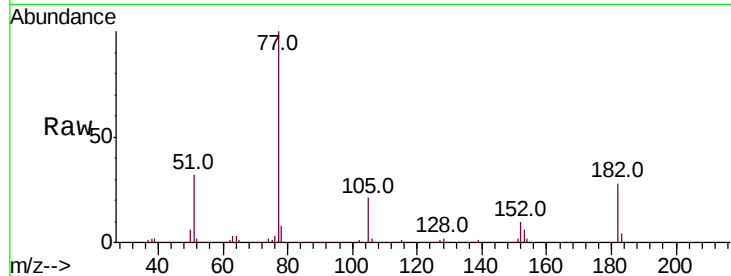
#63
Azobenzene
Concen: 39.541 ng
RT: 16.06 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BG037729.D
Acq: 1 Nov 2018 21:47

Instrument :
BNA_G
ClientSampleId :
PB114386BSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.6	8.0	48.0
105	21.4	1.3	41.3
51	31.8	10.7	50.7

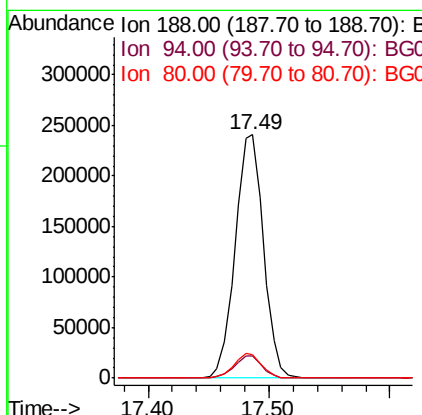
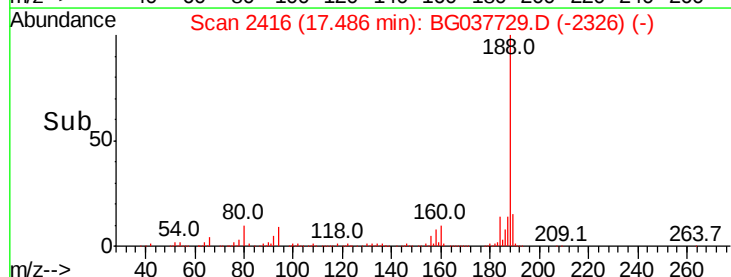
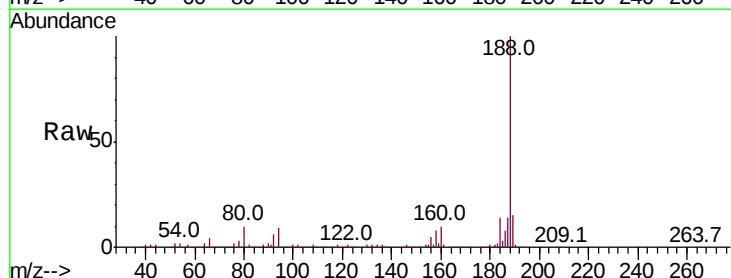
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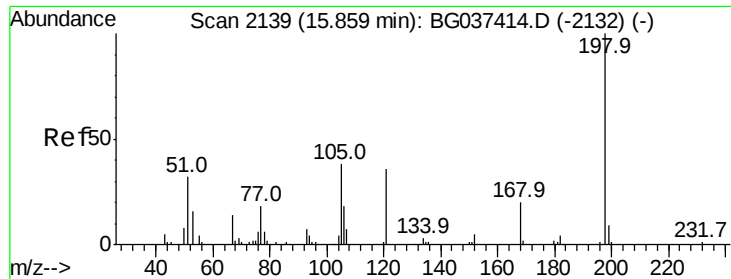
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2416
Delta R.T. 0.00 min
Lab File: BG037729.D
Acq: 1 Nov 2018 21:47

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.2	10.8
80	9.5	7.7	11.5





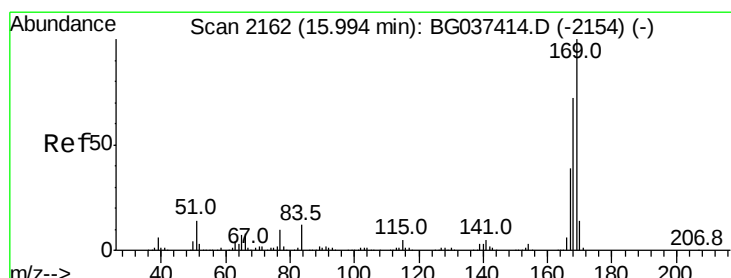
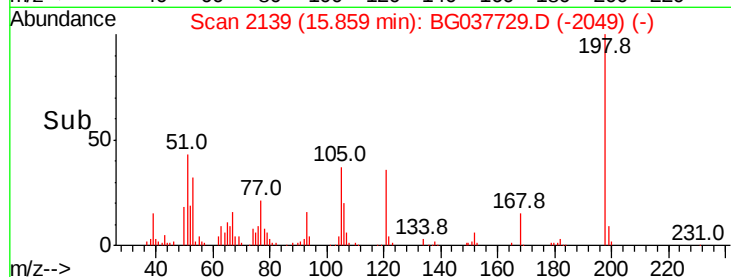
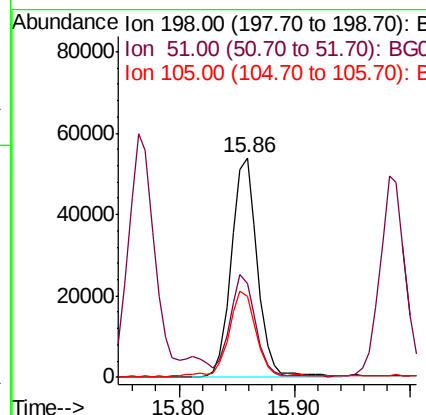
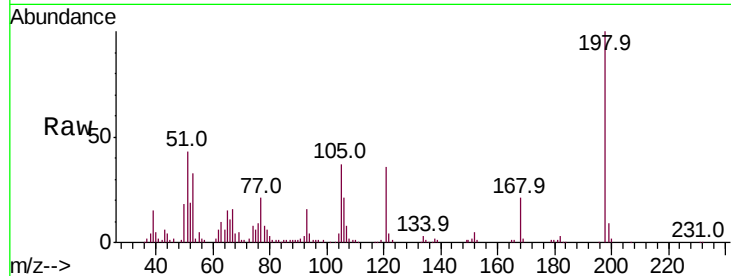
#65
 4,6-Dinitro-2-methylphenol
 Concen: 42.274 ng
 RT: 15.86 min Scan# 2139
 Delta R.T. 0.00 min
 Lab File: BG037729.D
 Acq: 1 Nov 2018 21:47

Instrument :
 BNA_G
 ClientSampleId :
 PB114386BSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	42.5	22.7	62.7
105	36.9	19.7	59.7

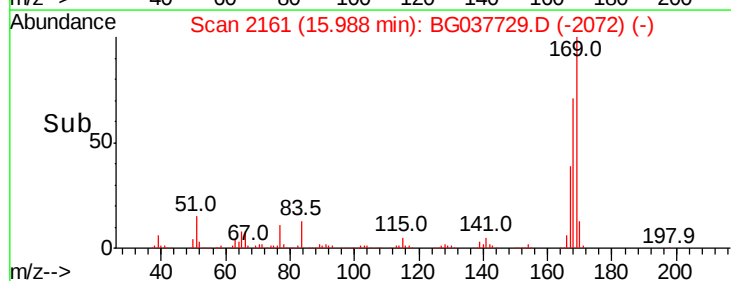
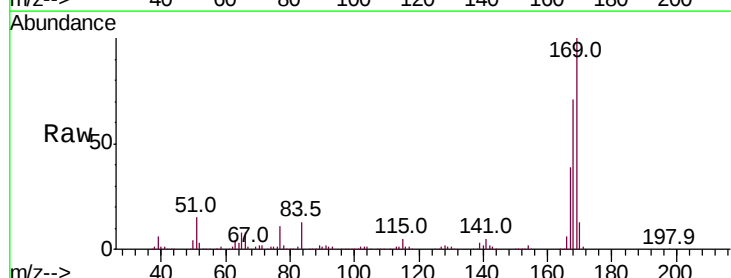
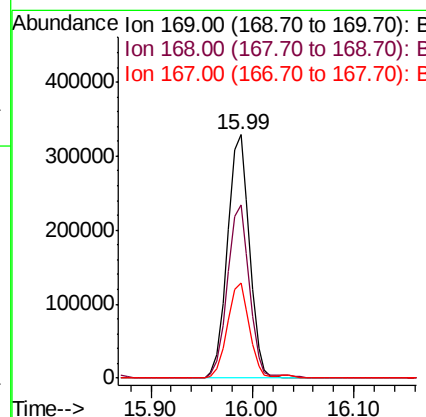
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#66
 n-Nitrosodiphenylamine
 Concen: 41.839 ng
 RT: 15.99 min Scan# 2161
 Delta R.T. -0.01 min
 Lab File: BG037729.D
 Acq: 1 Nov 2018 21:47

Tgt Ion	Ratio	Lower	Upper
169	100		
168	70.9	55.7	83.5
167	39.3	31.3	46.9





#67

4-Bromophenyl-phenylether

Concen: 41.012 ng

RT: 16.66 min Scan# 2276

Delta R.T. -0.01 min

Lab File: BG037729.D

Acq: 1 Nov 2018 21:47

Instrument :

BNA_G

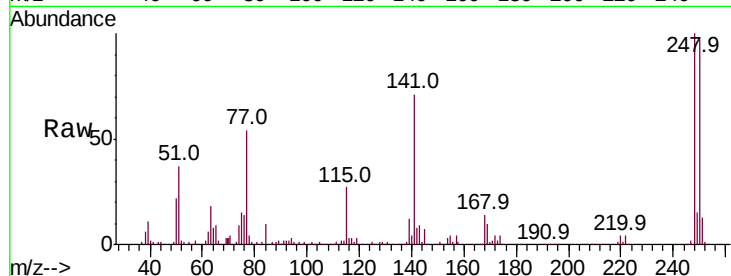
ClientSampleId :

PB114386BSD

Tot Ion:	248	Resp:	176995
Ion Ratio	Lower	Upper	
248	100		
250	96.7	77.0	115.6
141	70.6	55.5	83.3

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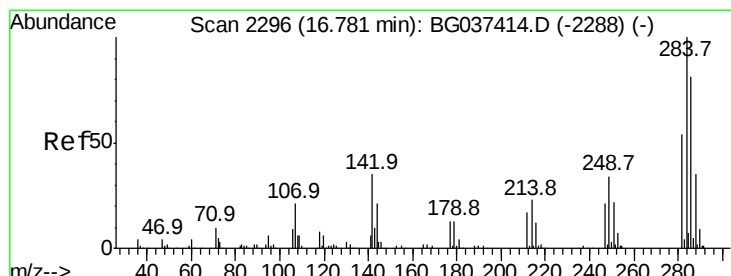
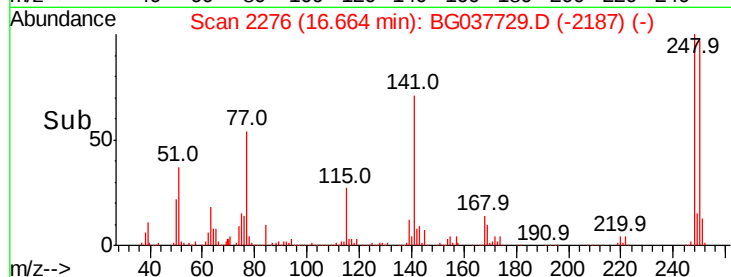
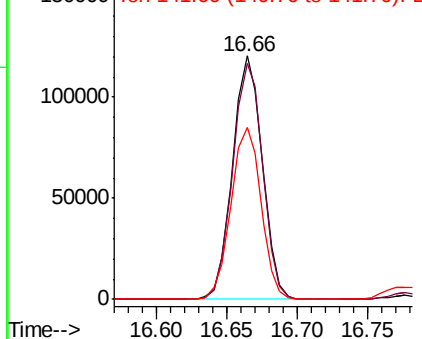


Abundance

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: 39.648 ng

RT: 16.78 min Scan# 2295

Delta R.T. -0.01 min

Lab File: BG037729.D

Acq: 1 Nov 2018 21:47

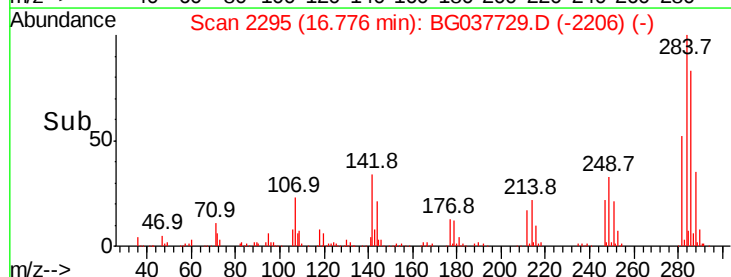
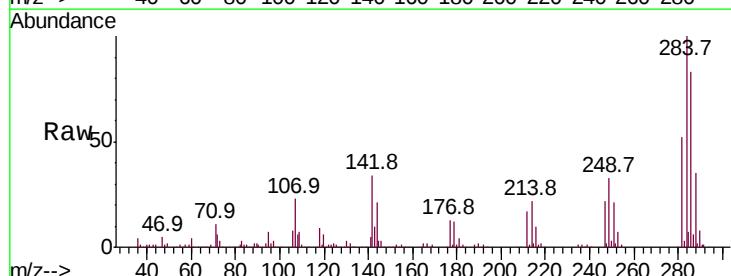
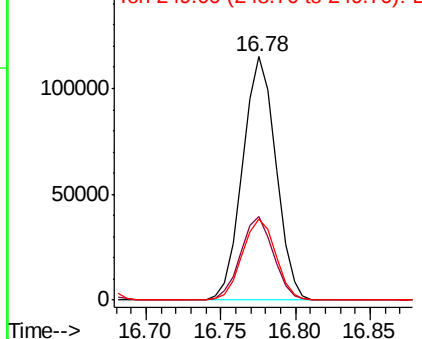
Tgt Ion:	284	Resp:	177337
Ion Ratio	Lower	Upper	
284	100		
142	34.3	28.1	42.1
249	36.1	29.8	44.8

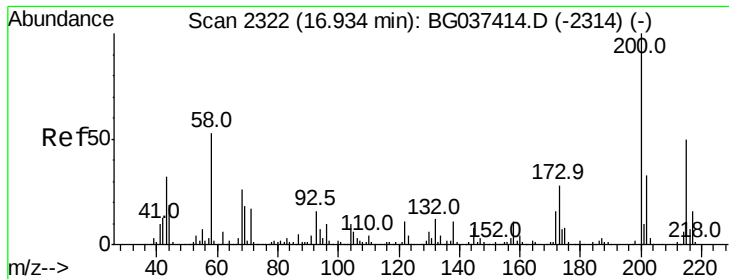
Abundance

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





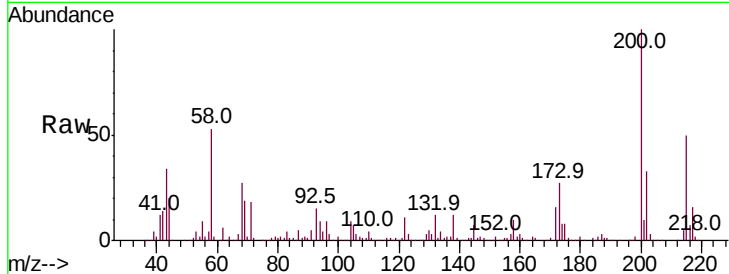
#69
Atrazine
Concen: 41.745 ng
RT: 16.93 min Scan# 2321
Delta R.T. -0.01 min
Lab File: BG037729.D
Acq: 1 Nov 2018 21:47

Instrument :
BNA_G
ClientSampleId :
PB114386BSD

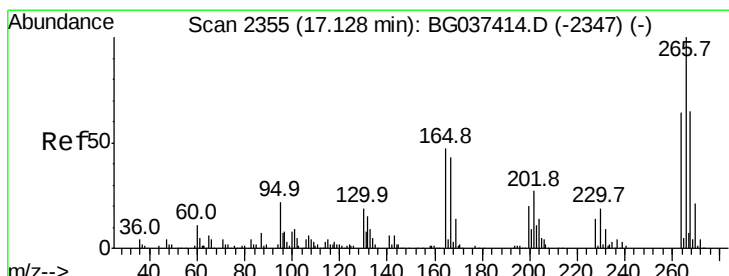
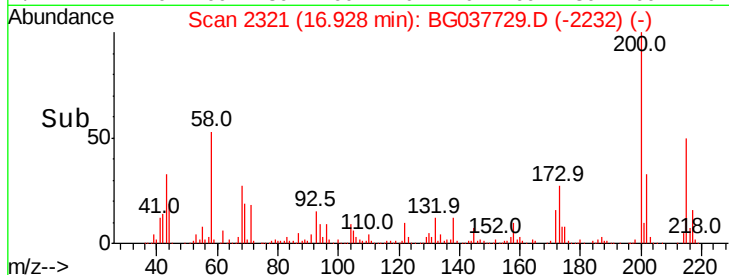
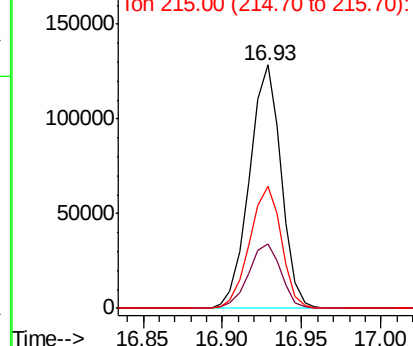
Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.6	6.1	46.1
215	50.0	30.8	70.8

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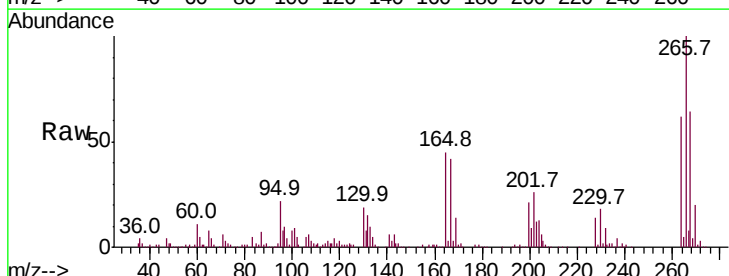


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

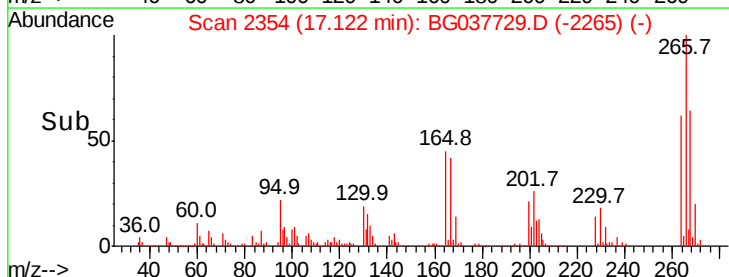
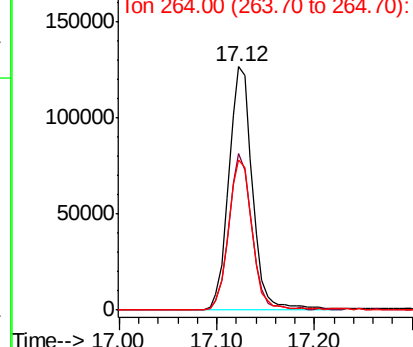


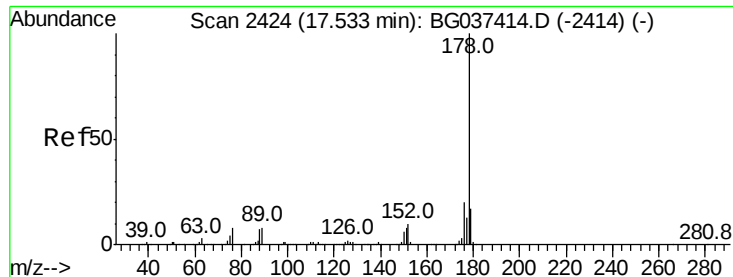
#70
Pentachlorophenol
Concen: 71.266 ng
RT: 17.12 min Scan# 2354
Delta R.T. -0.01 min
Lab File: BG037729.D
Acq: 1 Nov 2018 21:47

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	68.2	55.0	82.6
264	66.6	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





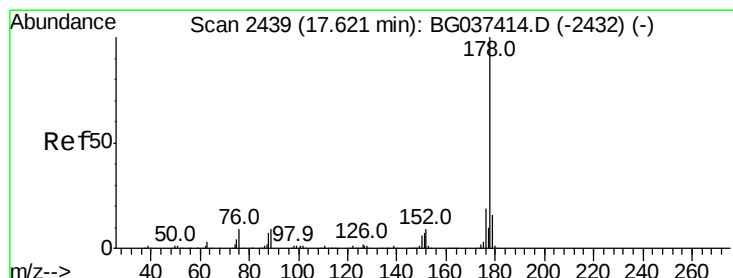
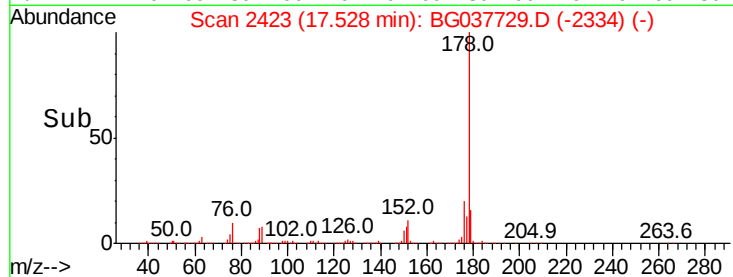
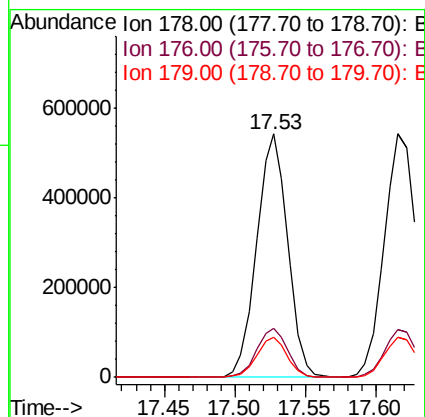
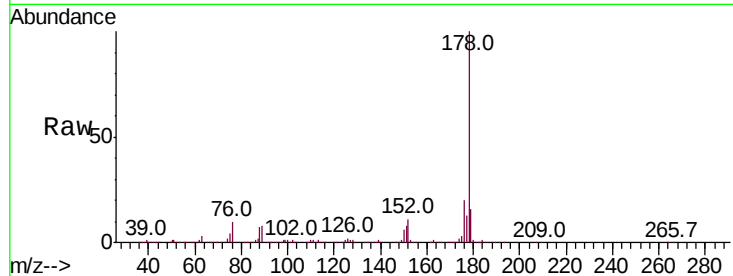
#71
Phenanthrene
Concen: 41.882 ng
RT: 17.53 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG037729.D
Acq: 1 Nov 2018 21:47

Instrument :
BNA_G
ClientSampleId :
PB114386BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.1	24.1
179	16.4	13.0	19.4

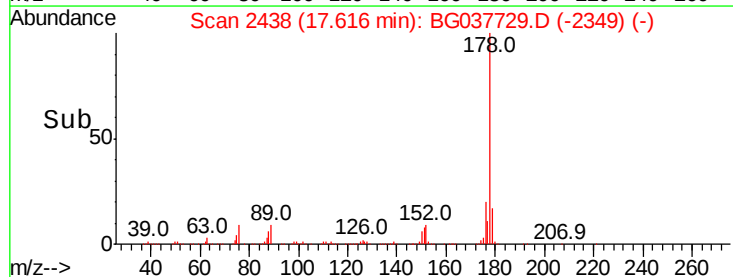
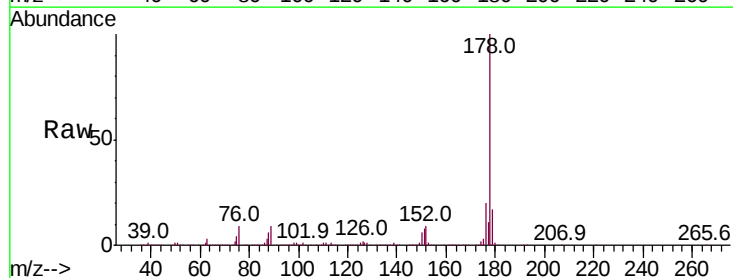
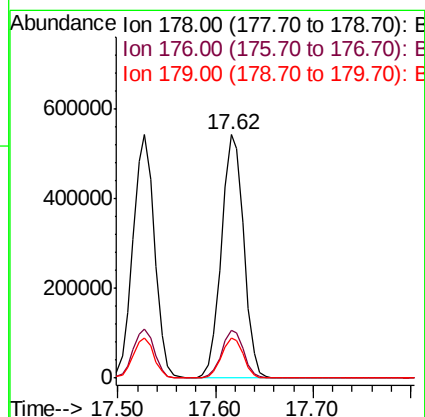
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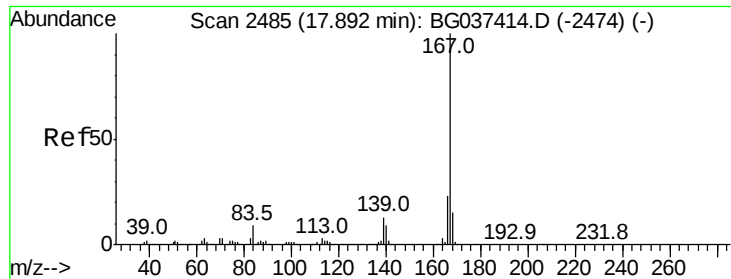
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#72
Anthracene
Concen: 43.872 ng
RT: 17.62 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG037729.D
Acq: 1 Nov 2018 21:47

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.0	22.4
179	16.6	12.8	19.2





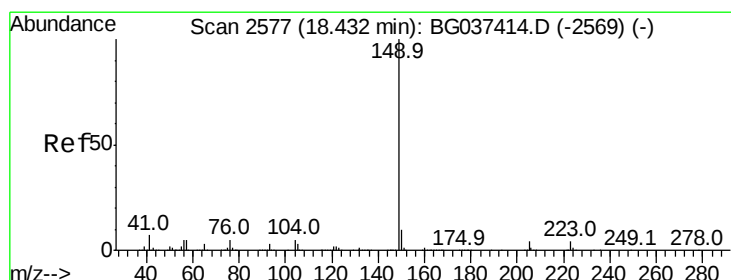
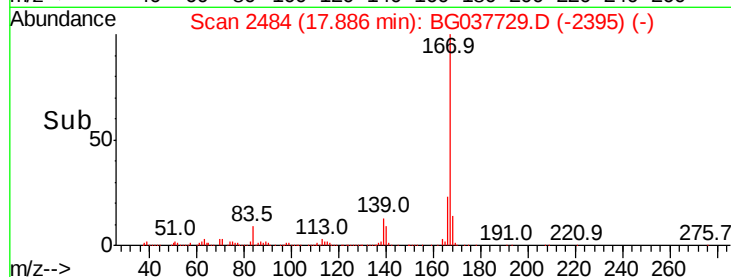
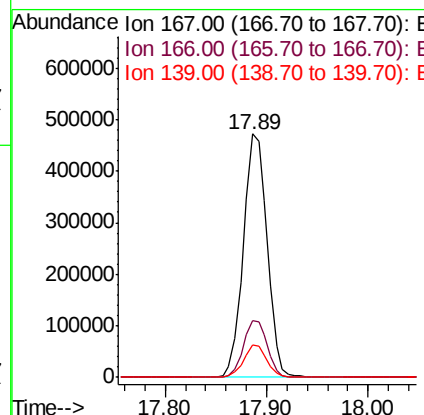
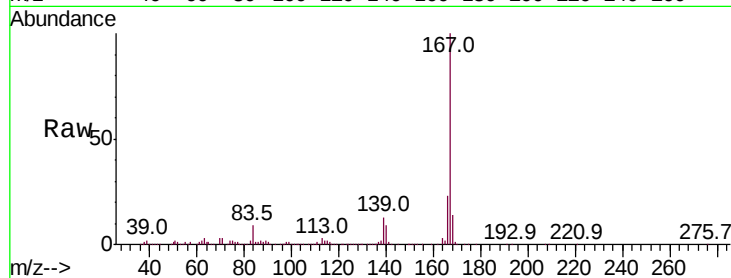
#73
 Carbazole
 Concen: 39.206 ng
 RT: 17.89 min Scan# 2484
 Delta R.T. -0.01 min
 Lab File: BG037729.D
 Acq: 1 Nov 2018 21:47

Instrument :
 BNA_G
 ClientSampleId :
 PB114386BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.2	18.3	27.5
139	13.3	10.5	15.7

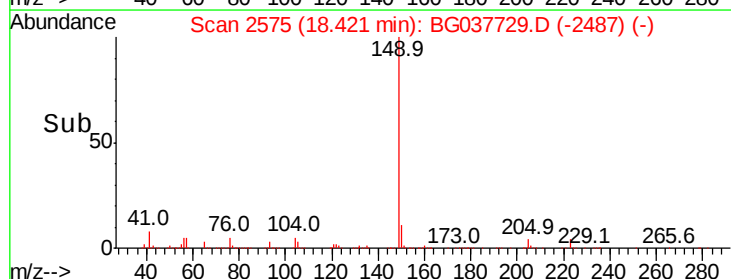
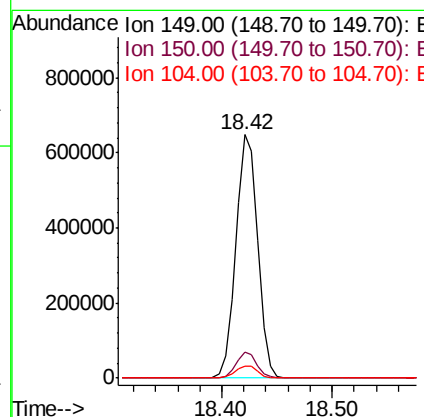
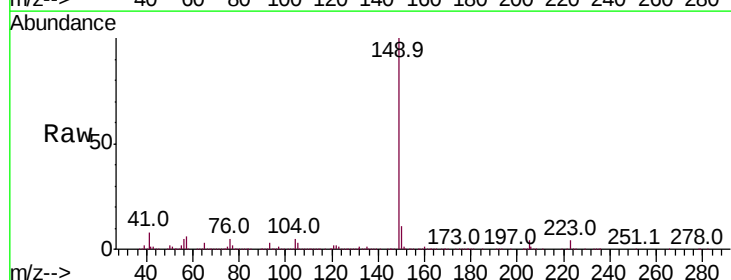
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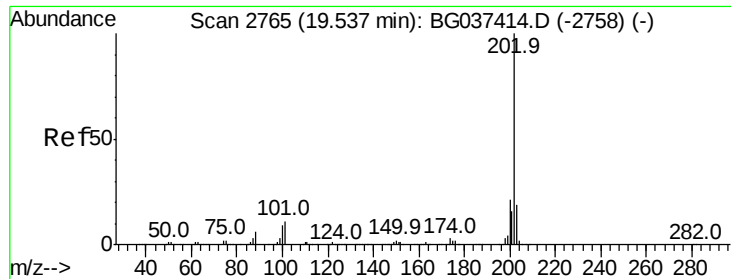
Sohil
 11/2/2018 11:29:43 AM



#74
 Di-n-butylphthalate
 Concen: 41.176 ng
 RT: 18.42 min Scan# 2575
 Delta R.T. -0.01 min
 Lab File: BG037729.D
 Acq: 1 Nov 2018 21:47

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.7	8.2	12.2
104	5.2	4.0	6.0





#75

Fluoranthene

Concen: 37.773 ng

RT: 19.53 min Scan# 2764

Delta R.T. -0.01 min

Lab File: BG037729.D

Acq: 1 Nov 2018 21:47

Instrument :

BNA_G

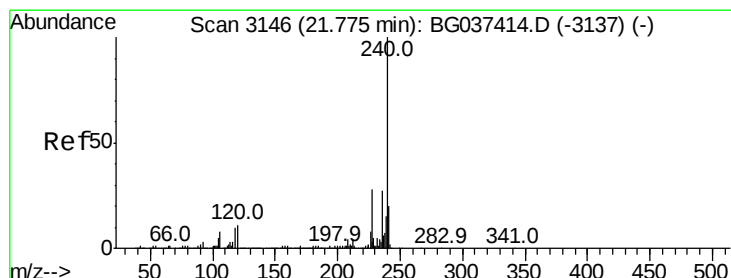
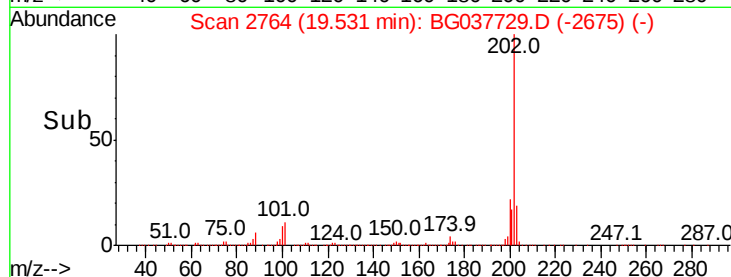
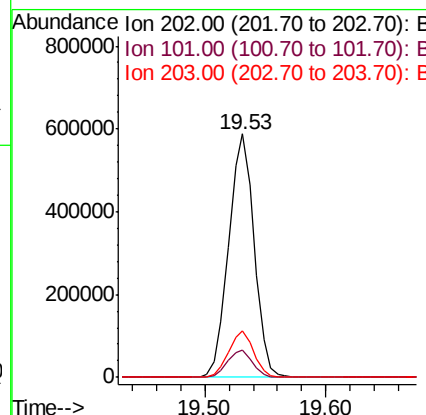
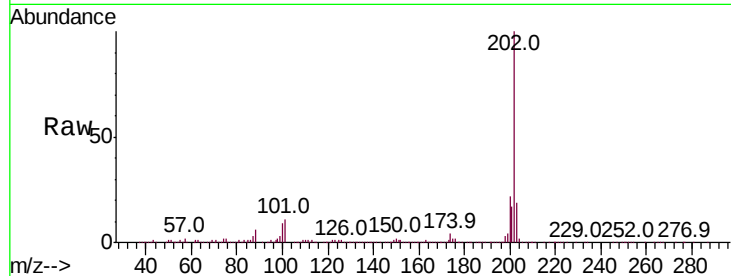
ClientSampleId :

PB114386BSD

Tot Ion:	202	Resp:	855671
Ion Ratio	Lower	Upper	
202	100		
101	11.0	0.0	30.7
203	19.0	0.0	38.5

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#76

Chrysene-d12

Concen: 20.000 ng

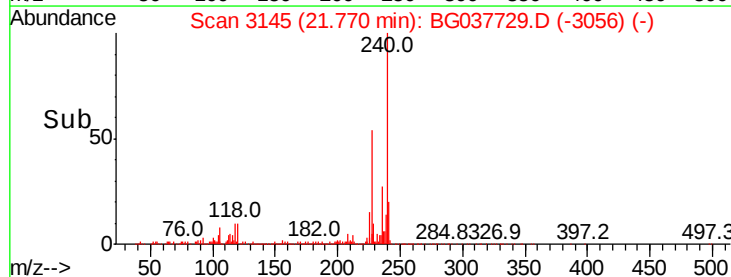
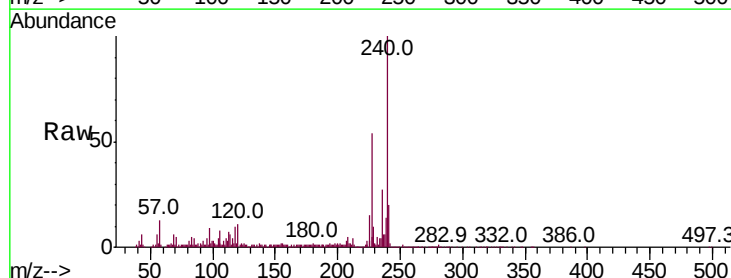
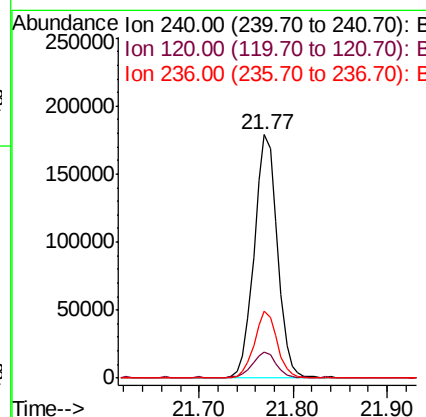
RT: 21.77 min Scan# 3145

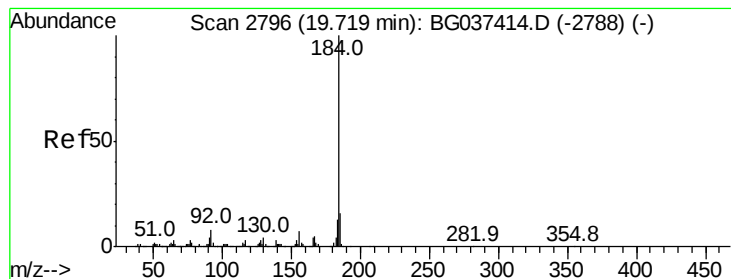
Delta R.T. -0.01 min

Lab File: BG037729.D

Acq: 1 Nov 2018 21:47

Tgt Ion:	240	Resp:	306379
Ion Ratio	Lower	Upper	
240	100		
120	10.5	8.1	12.1
236	27.3	21.4	32.0





#77

Benzidine

Concen: 35.944 ng

RT: 19.71 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BG037729.D

Acq: 1 Nov 2018 21:47

Instrument :

BNA_G

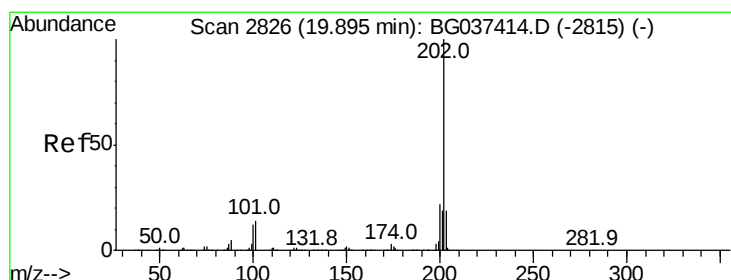
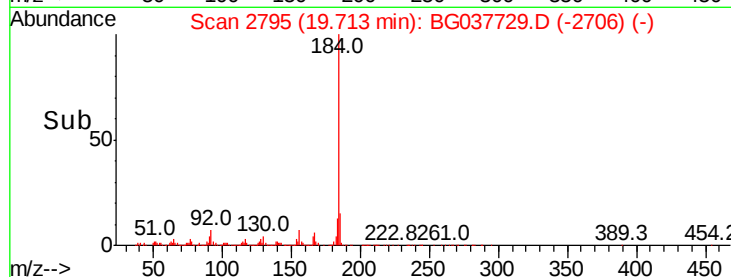
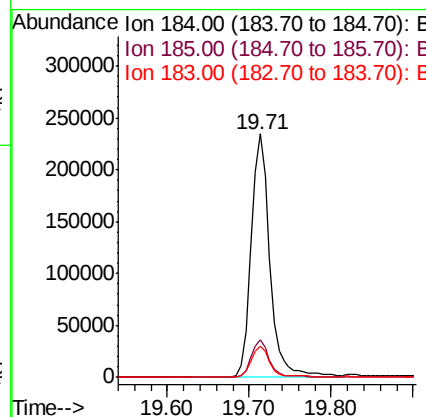
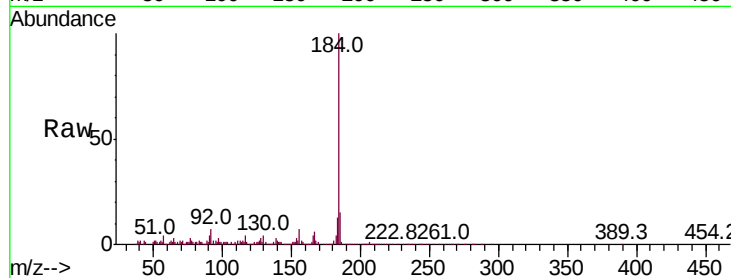
ClientSampleId :

PB114386BSD

Tot Ion:	184	Resp:	374457
Ion Ratio	Lower	Upper	
184	100		
185	15.5	12.6	18.8
183	13.0	10.2	15.2

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#78

Pyrene

Concen: 42.692 ng

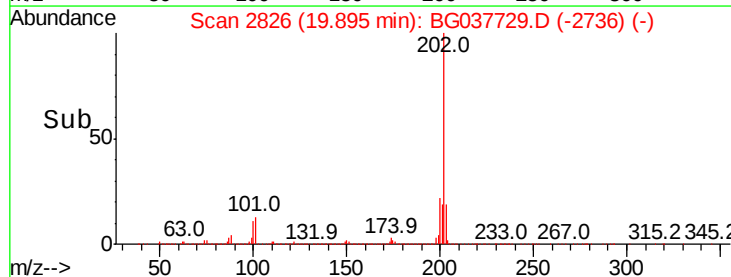
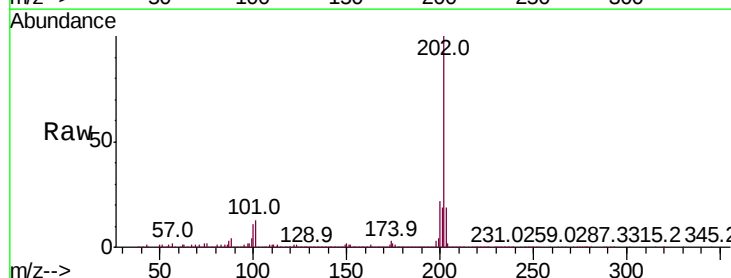
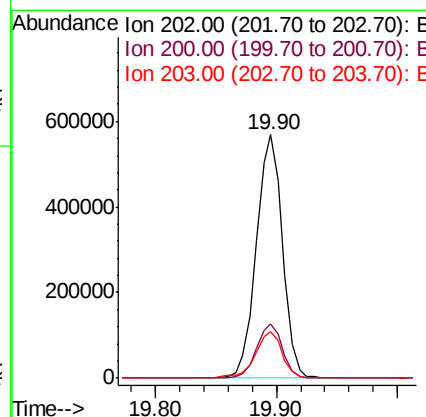
RT: 19.90 min Scan# 2826

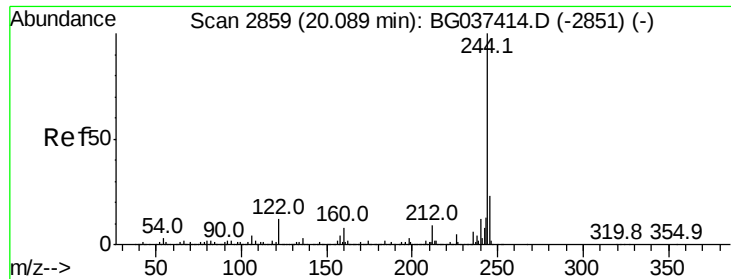
Delta R.T. 0.00 min

Lab File: BG037729.D

Acq: 1 Nov 2018 21:47

Tgt Ion:	202	Resp:	855056
Ion Ratio	Lower	Upper	
202	100		
200	22.3	17.8	26.6
203	19.0	15.2	22.8





#79

Terphenyl-d14

Concen: 74.353 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037729.D

Acq: 1 Nov 2018 21:47

Instrument :

BNA_G

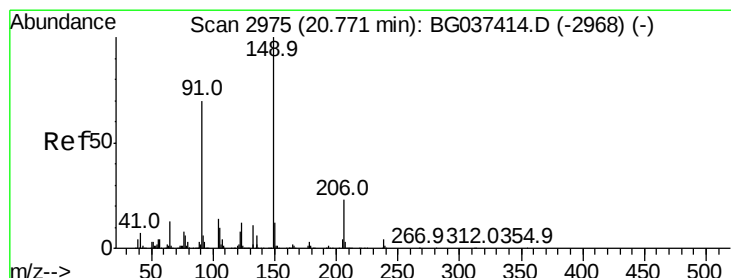
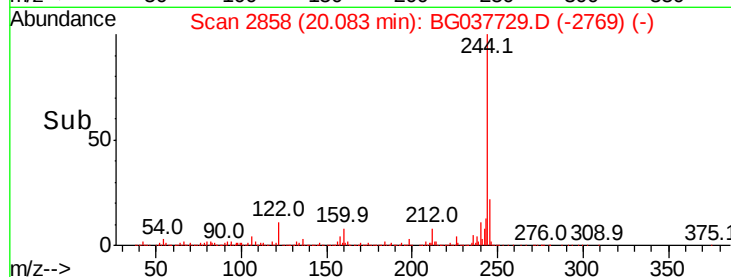
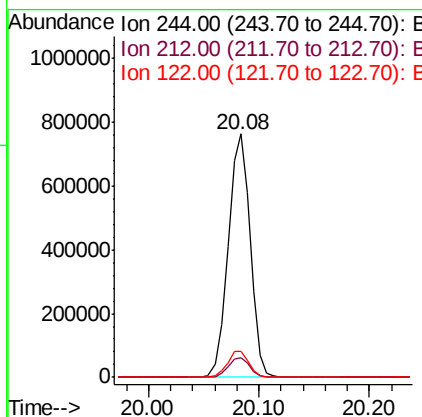
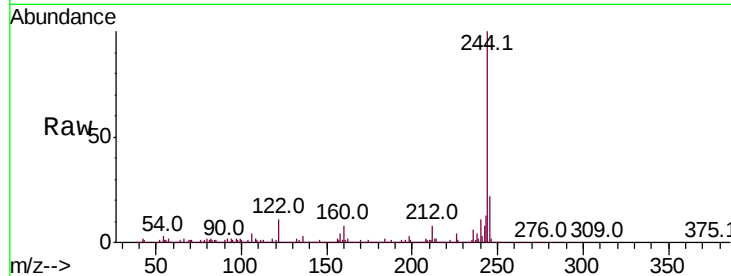
ClientSampleId :

PB114386BSD

Tot Ion:	244	Resp:	1066111
Ion Ratio	Lower	Upper	
244	100		
212	8.3	6.5	9.7
122	10.8	9.0	13.4

Manual Integrations
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#80

Butylbenzylphthalate

Concen: 44.897 ng

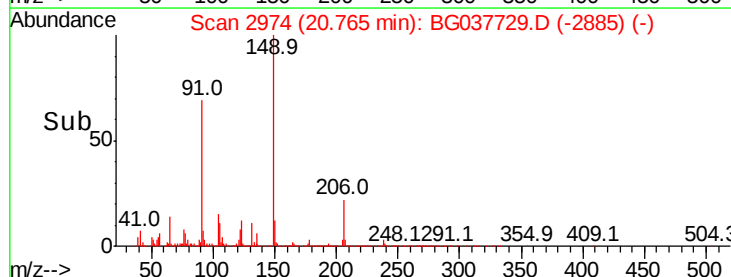
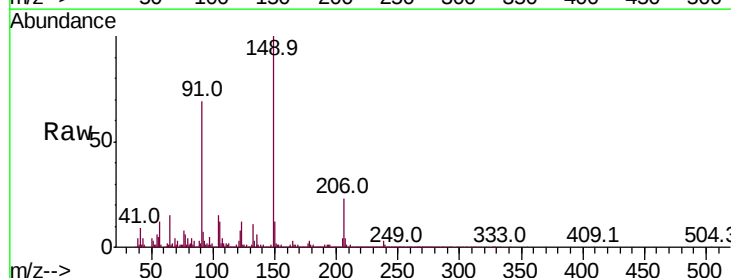
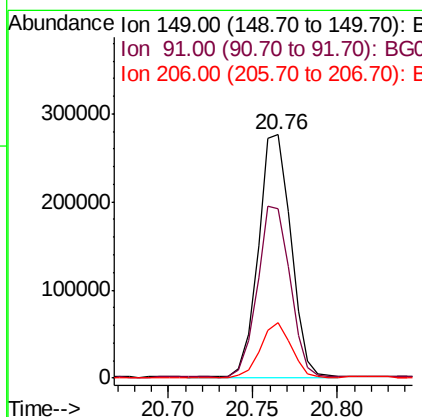
RT: 20.76 min Scan# 2974

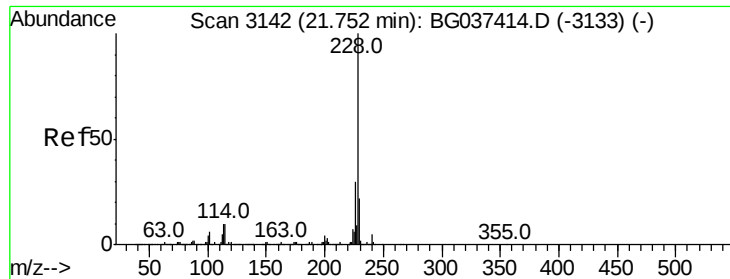
Delta R.T. -0.01 min

Lab File: BG037729.D

Acq: 1 Nov 2018 21:47

Tgt Ion:	149	Resp:	368011
Ion Ratio	Lower	Upper	
149	100		
91	69.3	57.0	85.4
206	22.5	17.8	26.6





#81

Benzo(a)anthracene

Concen: 42.980 ng

RT: 21.75 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BG037729.D

Acq: 1 Nov 2018 21:47

Instrument :

BNA_G

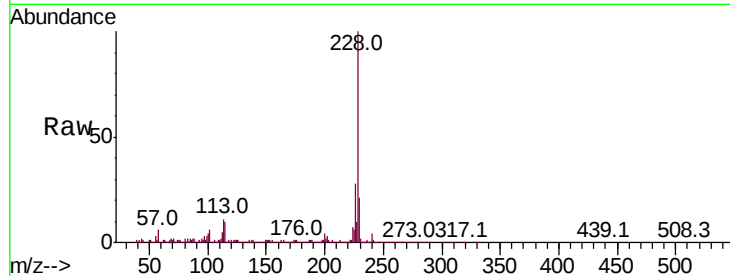
ClientSampleId :

PB114386BSD

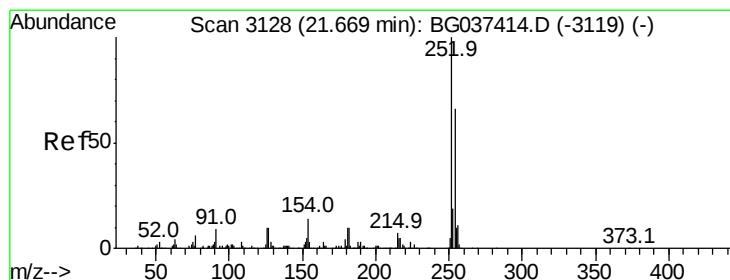
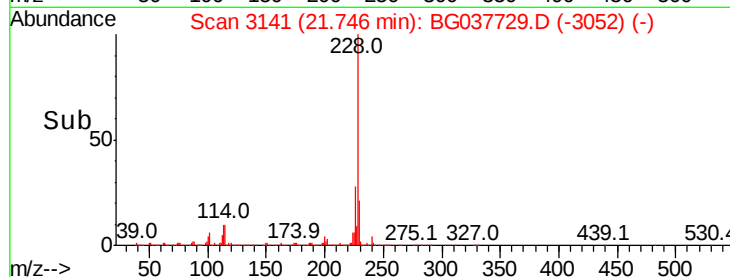
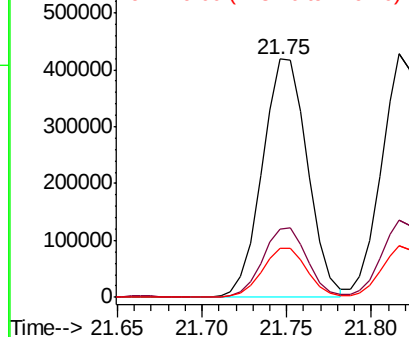
Tot Ion:	228	Resp:	778890
Ion Ratio	Lower	Upper	
228	100		
226	28.5	22.6	33.8
229	20.8	16.3	24.5

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



#82

3,3'-Dichlorobenzidine

Concen: 31.456 ng

RT: 21.66 min Scan# 3127

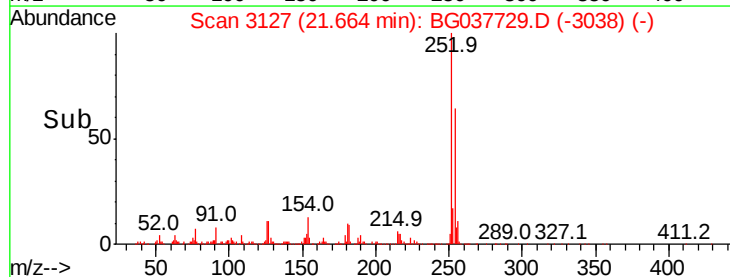
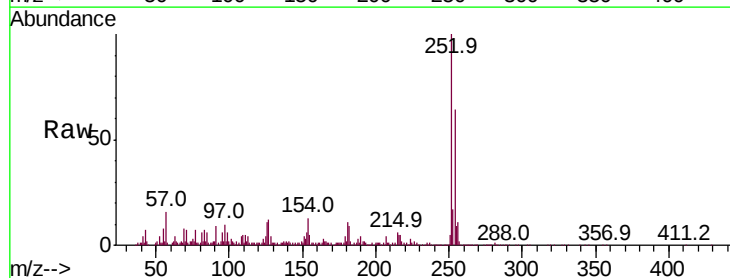
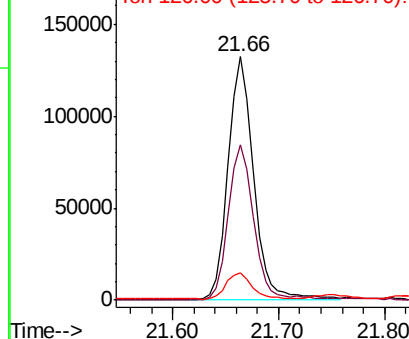
Delta R.T. -0.01 min

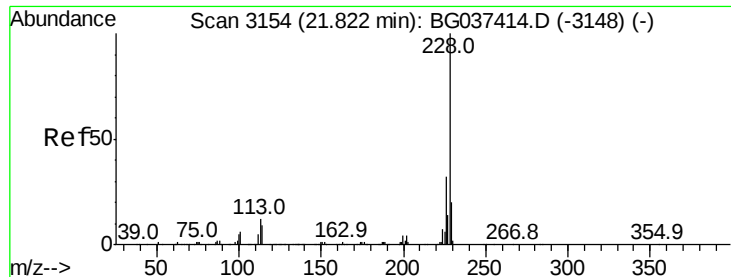
Lab File: BG037729.D

Acq: 1 Nov 2018 21:47

Tgt Ion:	252	Resp:	220952
Ion Ratio	Lower	Upper	
252	100		
254	64.0	52.0	78.0
126	11.4	8.2	12.4

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 42.049 ng

RT: 21.82 min Scan# 3153

Delta R.T. -0.01 min

Lab File: BG037729.D

Acq: 1 Nov 2018 21:47

Instrument :

BNA_G

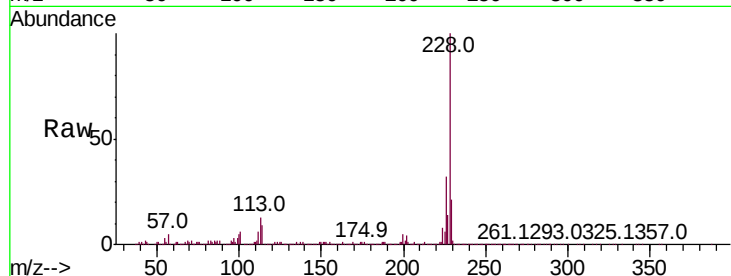
ClientSampleId :

PB114386BSD

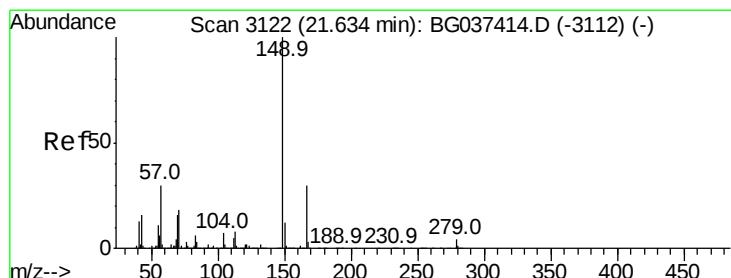
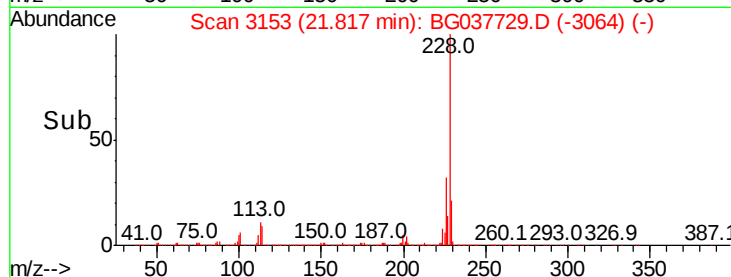
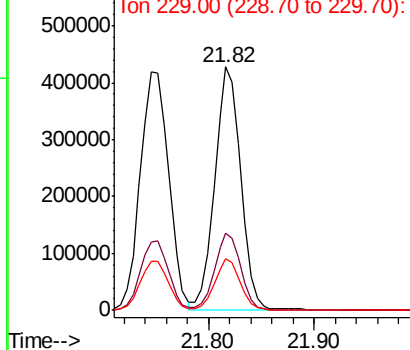
Tot Ion:	228	Resp:	732735
Ion Ratio	Lower	Upper	
228	100		
226	31.8	25.7	38.5
229	21.2	16.5	24.7

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.147 ng

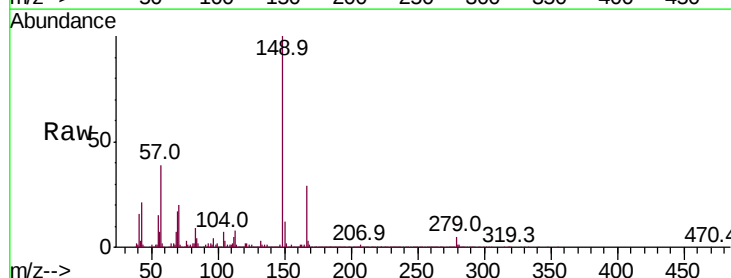
RT: 21.62 min Scan# 3120

Delta R.T. -0.01 min

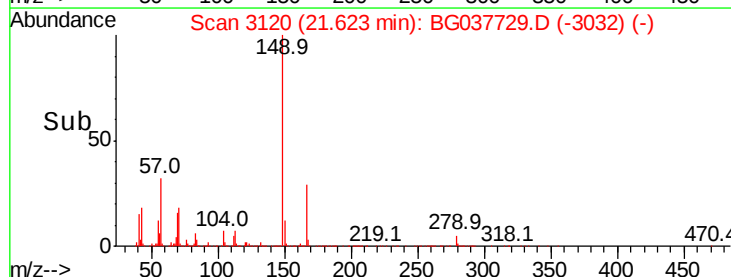
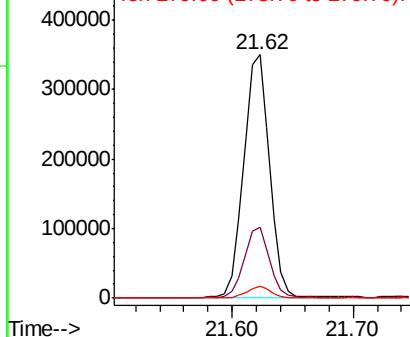
Lab File: BG037729.D

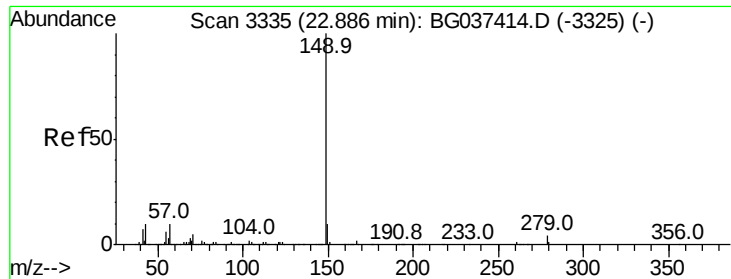
Acq: 1 Nov 2018 21:47

Tgt Ion:	149	Resp:	518722
Ion Ratio	Lower	Upper	
149	100		
167	29.0	23.0	34.4
279	4.7	3.6	5.4



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





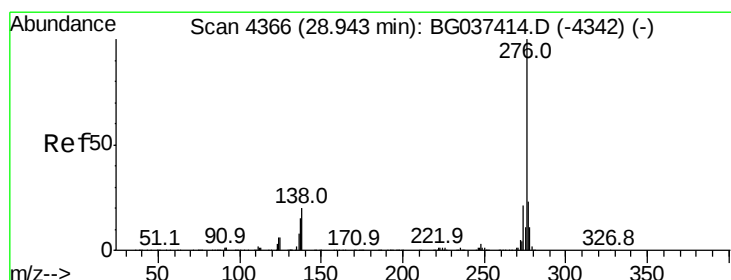
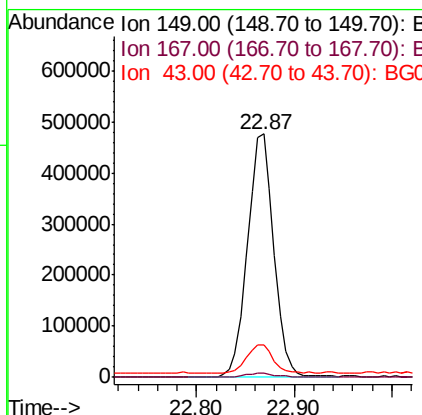
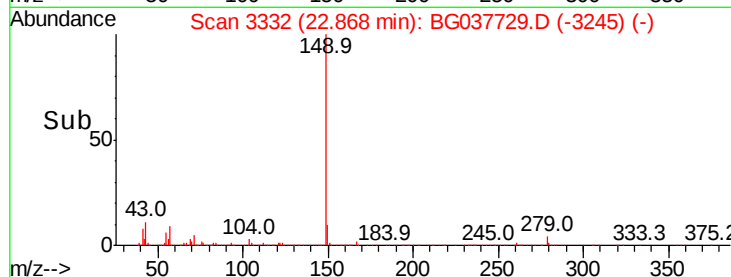
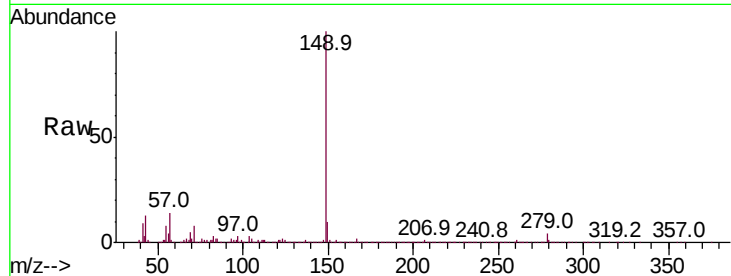
#85
Di-n-octyl phthalate
Concen: 47.628 ng
RT: 22.87 min Scan# 3332
Delta R.T. -0.02 min
Lab File: BG037729.D
Acq: 1 Nov 2018 21:47

Instrument :
BNA_G
ClientSampleId :
PB114386BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	892347		
167	1.7	1.3	1.9	
43	11.6	8.7	13.1	

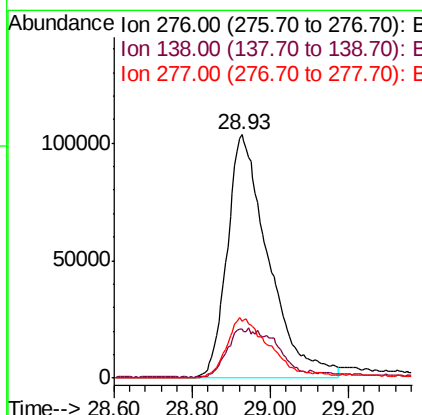
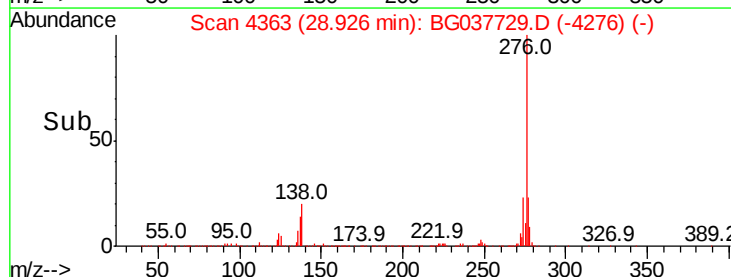
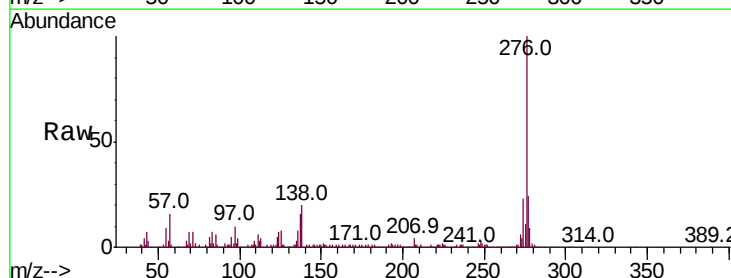
Manual Integrations
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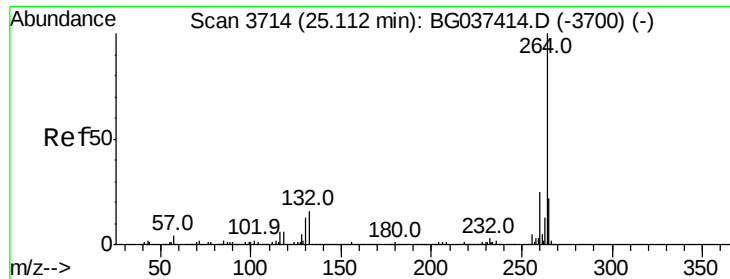
Sohil
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#86
Indeno(1,2,3-cd)pyrene
Concen: 40.739 ng
RT: 28.93 min Scan# 4363
Delta R.T. -0.02 min
Lab File: BG037729.D
Acq: 1 Nov 2018 21:47

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	761420		
138	0.0	12.0	18.0#	
277	24.9	20.6	30.8	





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.10 min Scan# 3712

Delta R.T. -0.01 min

Lab File: BG037729.D

Acq: 1 Nov 2018 21:47

Instrument :

BNA_G

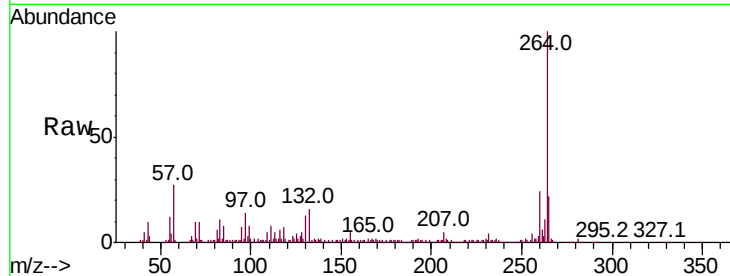
ClientSampleId :

PB114386BSD

Tot Ion:	264	Resp:	314384
Ion Ratio	Lower	Upper	
264	100		
260	24.3	18.2	27.4
265	22.5	17.9	26.9

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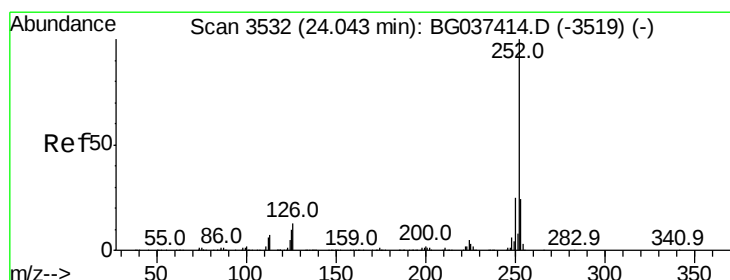
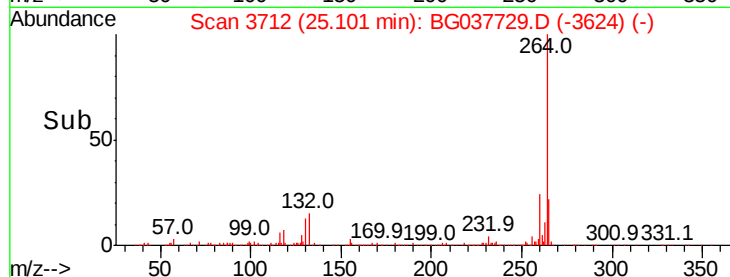
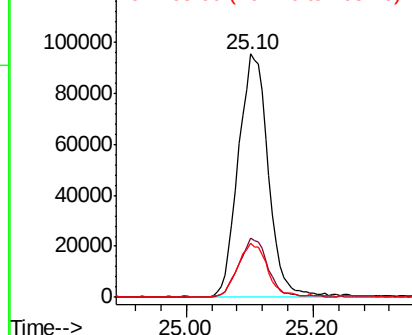


Abundance

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: 43.221 ng

RT: 24.04 min Scan# 3531

Delta R.T. -0.01 min

Lab File: BG037729.D

Acq: 1 Nov 2018 21:47

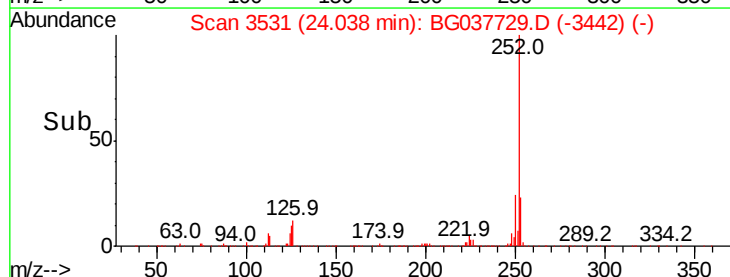
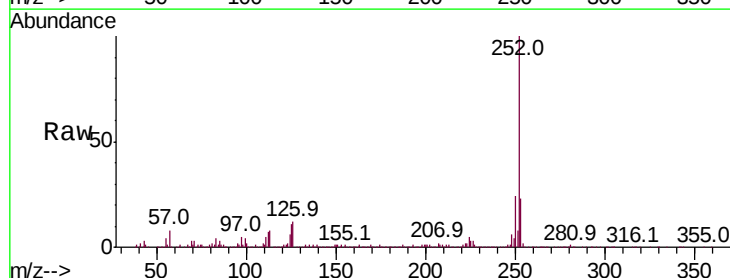
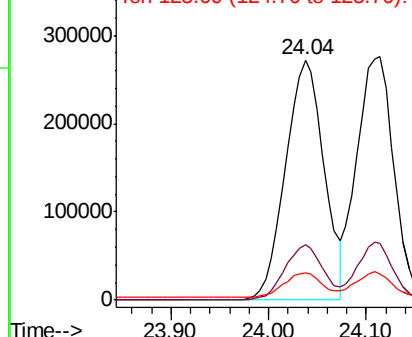
Tgt Ion:	252	Resp:	744937
Ion Ratio	Lower	Upper	
252	100		
253	23.0	18.2	27.2
125	11.2	7.8	11.6

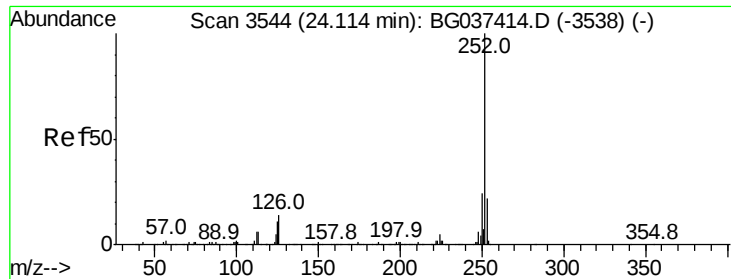
Abundance

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: 43.434 ng

RT: 24.11 min Scan# 3544

Delta R.T. 0.00 min

Lab File: BG037729.D

Acq: 1 Nov 2018 21:47

Instrument :

BNA_G

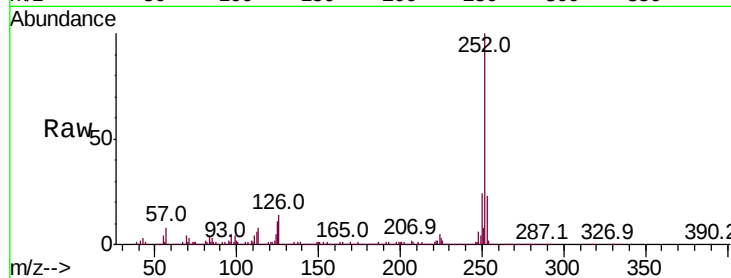
ClientSampleId :

PB114386BSD

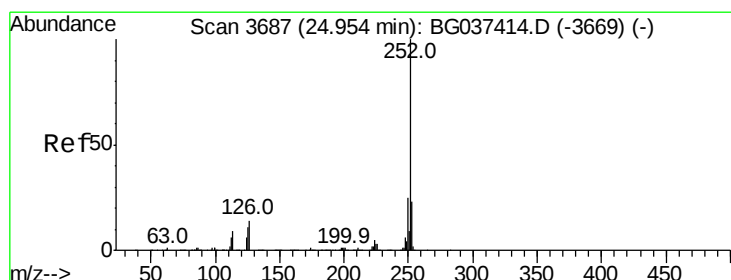
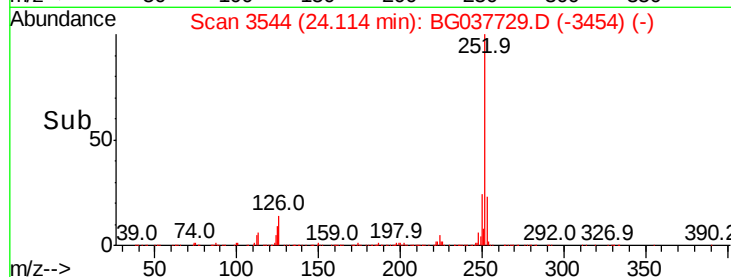
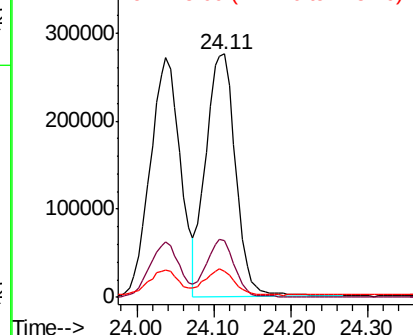
Tot Ion:	252	Resp:	733444
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.4	26.2
125	10.6	7.4	11.0

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



#90

Benzo(a)pyrene

Concen: 44.842 ng

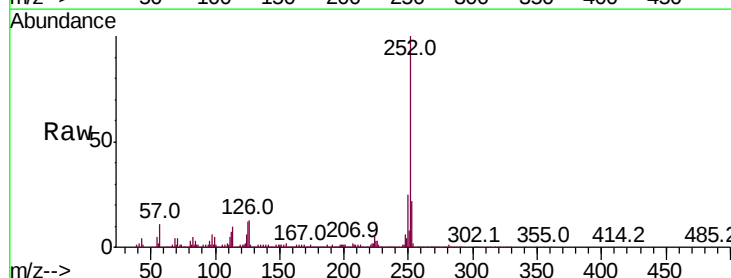
RT: 24.95 min Scan# 3686

Delta R.T. -0.01 min

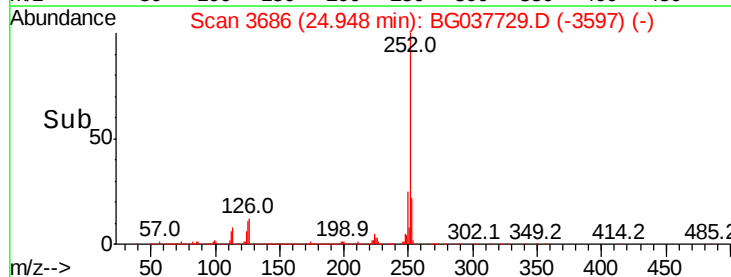
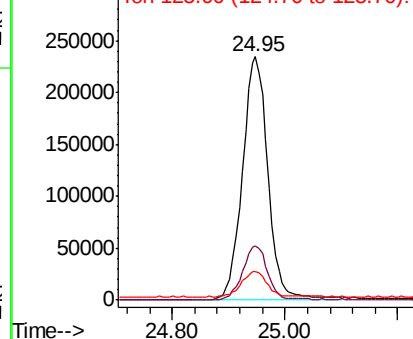
Lab File: BG037729.D

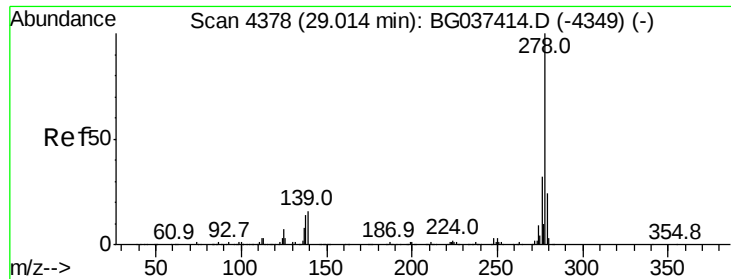
Acq: 1 Nov 2018 21:47

Tgt Ion:	252	Resp:	734416
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.4	26.2
125	11.9	9.0	13.6



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





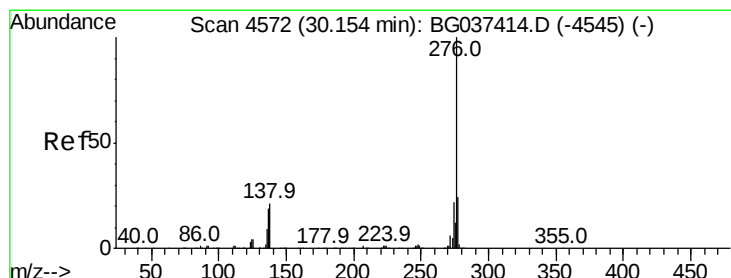
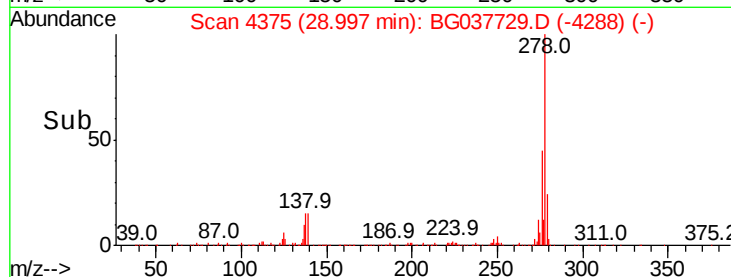
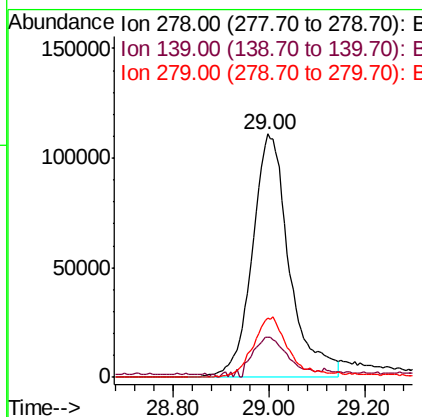
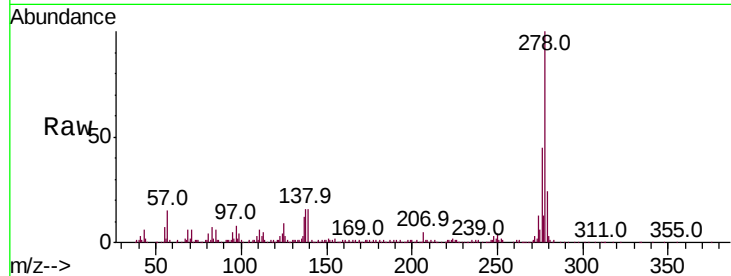
#91
Dibenzo(a,h)anthracene
Concen: 39.457 ng
RT: 29.00 min Scan# 4375
Delta R.T. -0.02 min
Lab File: BG037729.D
Acq: 1 Nov 2018 21:47

Instrument :
BNA_G
ClientSampleId :
PB114386BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.3	11.5	17.3
279	24.2	18.6	27.8

Manual Integrations
APPROVED

Sohil
11/2/2018 11:29:43 AM



#92
Benzo(g,h,i)perylene
Concen: 40.472 ng
RT: 30.14 min Scan# 4570
Delta R.T. -0.01 min
Lab File: BG037729.D
Acq: 1 Nov 2018 21:47

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.9	28.3
138	21.6	17.2	25.8

