

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102918\
 Data File : BG037624.D
 Acq On : 29 Oct 2018 15:49
 Operator : JU/SJ
 Sample : J5696-07MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DL-SW-01MSD

Quant Time: Oct 30 04:48:08 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	8.11	152	61664	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	280677	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	185621	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	425850	20.00	ng	0.00
76) Chrysene-d12	21.77	240	366561	20.00	ng	0.00
87) Perylene-d12	25.11	264	385623	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	193194	52.38	ng	0.00
7) Phenol-d6	7.24	99	173082	31.03	ng	0.00
23) Nitrobenzene-d5	9.28	82	416204	83.07	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	231827	114.51	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	979866	79.60	ng	0.00
79) Terphenyl-d14	20.08	244	1346532	78.49	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	21966	11.744	ng	98
3) Pyridine	3.93	79	53731	11.397	ng	99
4) n-Nitrosodimethylamine	3.85	42	28691	17.086	ng	96
6) Aniline	7.42	93	88392	12.991	ng	97
8) 2-Chlorophenol	7.66	128	120409	27.906	ng	99
9) Benzaldehyde	7.24	77	102339	29.334	ng	97
10) Phenol	7.27	94	85471	14.525	ng	97
11) bis(2-Chloroethyl)ether	7.52	93	189164	42.325	ng	96
12) 1,3-Dichlorobenzene	7.99	146	202022	42.056	ng	98
13) 1,4-Dichlorobenzene	8.14	146	204020	41.522	ng	98
14) 1,2-Dichlorobenzene	8.46	146	197331	41.749	ng	97
15) Benzyl Alcohol	8.34	79	100285	24.335	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.62	45	350995	43.891	ng	99
17) 2-Methylphenol	8.53	107	93182	23.952	ng	98
18) Hexachloroethane	9.19	117	72676	43.385	ng	96
19) n-Nitroso-di-n-propylamine	8.90	70	163480	42.567	ng	97
20) 3+4-Methylphenols	8.86	107	116455	20.937	ng	98
22) Acetophenone	8.93	105	305287	43.369	ng	# 98
24) Nitrobenzene	9.32	77	234256	45.005	ng	95
25) Isophorone	9.84	82	459673	50.211	ng	96
26) 2-Nitrophenol	10.03	139	86876	37.050	ng	99
27) 2,4-Dimethylphenol	10.07	122	146349	34.956	ng	98
28) bis(2-Chloroethoxy)methane	10.32	93	284032	47.354	ng	97
29) 2,4-Dichlorophenol	10.56	162	157856	33.864	ng	98
30) 1,2,4-Trichlorobenzene	10.78	180	217437	42.894	ng	97
31) Naphthalene	10.97	128	651223	47.238	ng	99
32) Benzoic acid	10.15	122	33145	12.189	ng	92
33) 4-Chloroaniline	11.08	127	69716	10.763	ng	98
34) Hexachlorobutadiene	11.24	225	126470	42.095	ng	99
35) Caprolactam	11.87	113	10441	5.585	ng	99
36) 4-Chloro-3-methylphenol	12.18	107	162865	30.980	ng	98
37) 2-Methylnaphthalene	12.57	142	504525	50.204	ng	98
38) 1-Methylnaphthalene	12.79	142	474054	48.573	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	255419	42.660	ng	98

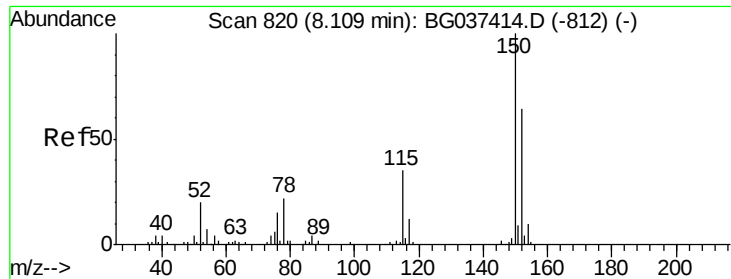
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102918\
 Data File : BG037624.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	284819	99.588	nq	99
43) 2,4,6-Trichlorophenol	13.17	196	149162	37.290	nq	99
44) 2,4,5-Trichlorophenol	13.24	196	158501	36.395	nq	99
46) 1,1'-Biphenyl	13.57	154	649576	42.255	nq	98
47) 2-Chloronaphthalene	13.62	162	515508	44.325	nq	99
48) 2-Nitroaniline	13.83	65	169636	48.099	nq	95
49) Acenaphthylene	14.46	152	841783	48.116	nq	99
50) Dimethylphthalate	14.19	163	674549	46.974	nq	100
51) 2,6-Dinitrotoluene	14.32	165	151463	47.679	nq	95
52) Acenaphthene	14.80	154	498407	46.258	nq	98
53) 3-Nitroaniline	14.65	138	55146	15.637	nq	# 96
54) 2,4-Dinitrophenol	14.85	184	108228	78.029	nq	95
55) Dibenzofuran	15.13	168	791857	44.358	nq	98
56) 4-Nitrophenol	14.94	139	96897	37.120	nq	99
57) 2,4-Dinitrotoluene	15.10	165	208626	50.031	nq	96
58) Fluorene	15.78	166	633801	47.412	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	140522	37.685	nq	99
60) Diethylphthalate	15.54	149	676601	45.894	nq	99
61) 4-Chlorophenyl-phenylether	15.77	204	334321	42.907	nq	99
62) 4-Nitroaniline	15.81	138	137887	39.348	nq	91
63) Azobenzene	16.06	77	637364	45.312	nq	99
65) 4,6-Dinitro-2-methylphenol	15.86	198	84312	39.549	nq	99
66) n-Nitrosodiphenylamine	15.99	169	584490	45.629	nq	100
67) 4-Bromophenyl-phenylether	16.67	248	212403	45.419	nq	99
68) Hexachlorobenzene	16.78	284	210607	43.453	nq	97
69) Atrazine	16.93	200	210539	45.459	nq	98
70) Pentachlorophenol	17.12	266	197956	60.974	nq	97
71) Phenanthrene	17.53	178	1020438	47.149	nq	99
72) Anthracene	17.62	178	1034552	48.709	nq	97
73) Carbazole	17.89	167	929670	43.758	nq	99
74) Di-n-butylphthalate	18.42	149	1111434	47.026	nq	100
75) Fluoranthene	19.53	202	1153482	46.990	nq	98
77) Benzidine	19.72	184	245048	19.660	nq	98
78) Pyrene	19.90	202	1150908	48.029	nq	99
80) Butylbenzylphthalate	20.77	149	505412	51.536	nq	97
81) Benzo(a)anthracene	21.75	228	1064371	49.091	nq	98
82) 3,3'-Dichlorobenzidine	21.67	252	189245	22.518	nq	100
83) Chrysene	21.82	228	1003478	48.132	nq	100
84) Bis(2-ethylhexyl)phthalate	21.62	149	706614	51.403	nq	99
85) Di-n-octyl phthalate	22.87	149	1191355	53.147	nq	99
86) Indeno(1,2,3-cd)pyrene	28.93	276	1156784	51.731	nq	98
88) Benzo(b)fluoranthene	24.04	252	1064989	50.375	nq	99
89) Benzo(k)fluoranthene	24.12	252	1005969	48.568	nq	99
90) Benzo(a)pyrene	24.95	252	1025584	51.052	nq	98
91) Dibenzo(a,h)anthracene	29.00	278	939689	50.710	nq	97
92) Benzo(g,h,i)perylene	30.14	276	953483	50.859	nq	98

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

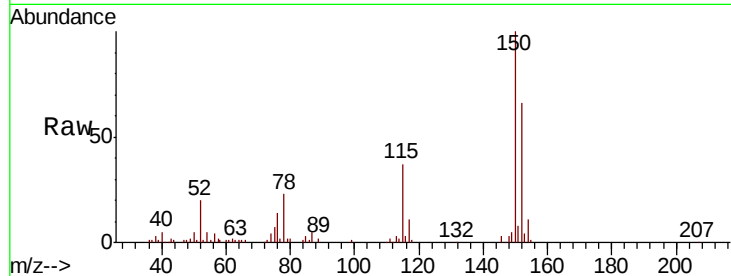


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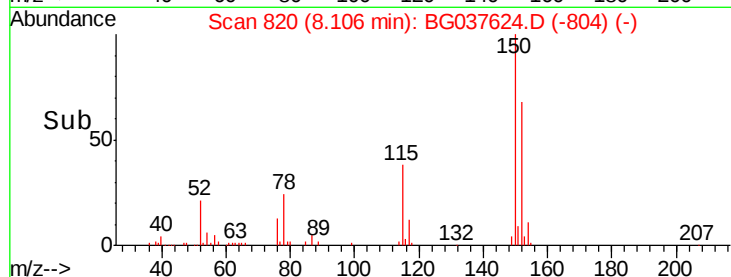
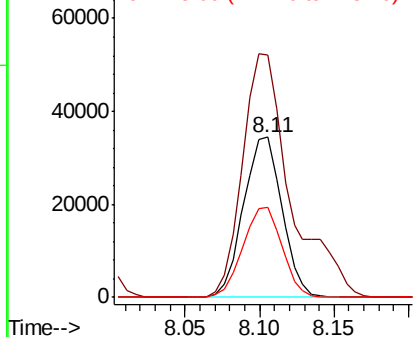
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG037624.D
Acq: 29 Oct 2018 15:49

Instrument :
BNA_G
ClientSampleId :
DL-SW-01MSD

Tot Ion:152 Resp: 61664
Ion Ratio Lower Upper
152 100
150 151.5 126.0 189.0
115 56.1 45.5 68.3



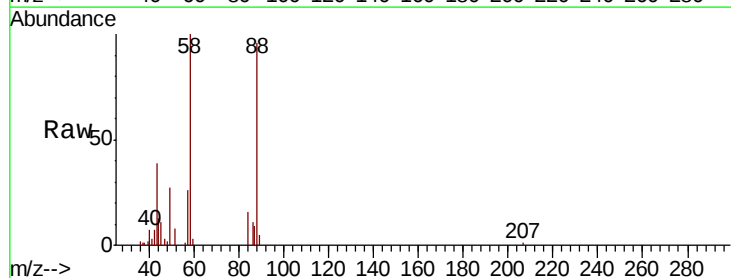
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



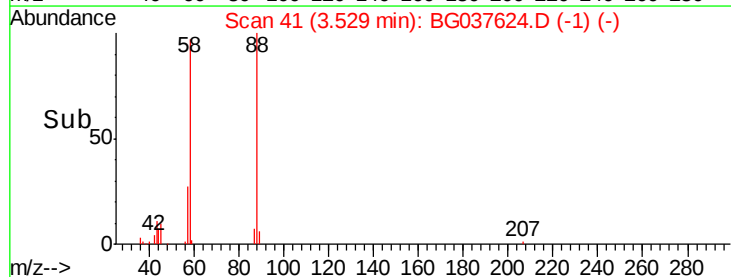
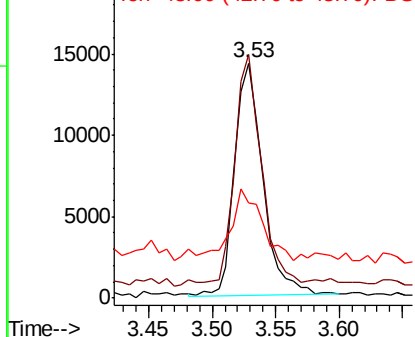
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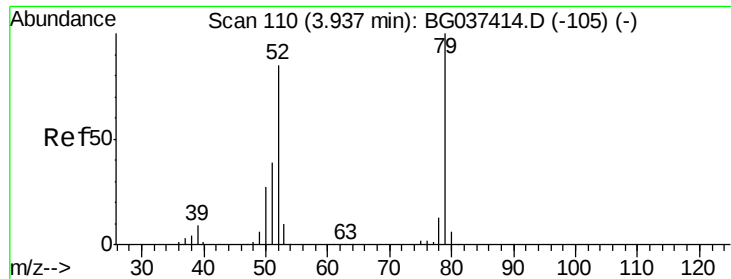
1,4-Dioxane
Concen: 11.744 ng
RT: 3.53 min Scan# 41
Delta R.T. -0.00 min
Lab File: BG037624.D
Acq: 29 Oct 2018 15:49

Tgt Ion: 88 Resp: 21966
Ion Ratio Lower Upper
88 100
58 90.7 74.4 111.6
43 32.6 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: 11.397 ng

RT: 3.93 min Scan# 110

Delta R.T. -0.00 min

Lab File: BG037624.D

Acq: 29 Oct 2018 15:49

Instrument :

BNA_G

ClientSampleId :

DL-SW-01MSD

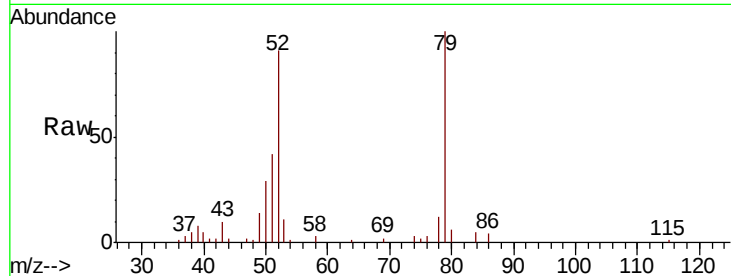
Tot Ion: 79 Resp: 53731

Ion Ratio Lower Upper

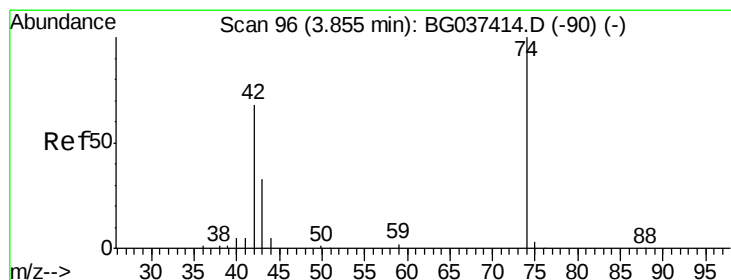
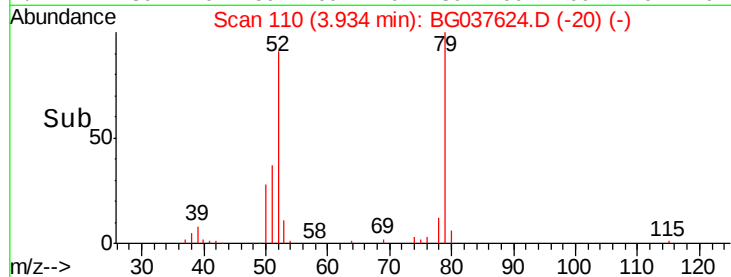
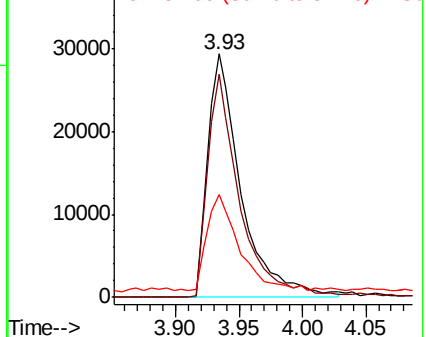
79 100

52 91.4 74.2 111.2

51 42.1 34.6 51.8



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 17.086 ng

RT: 3.85 min Scan# 96

Delta R.T. -0.00 min

Lab File: BG037624.D

Acq: 29 Oct 2018 15:49

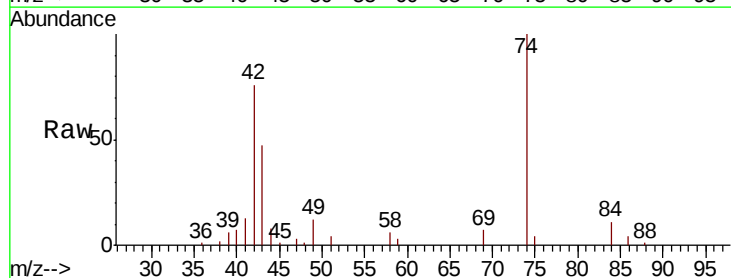
Tgt Ion: 42 Resp: 28691

Ion Ratio Lower Upper

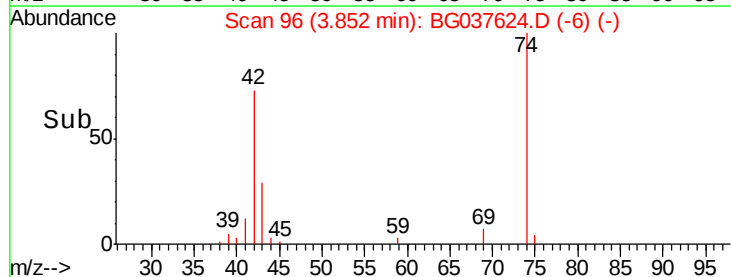
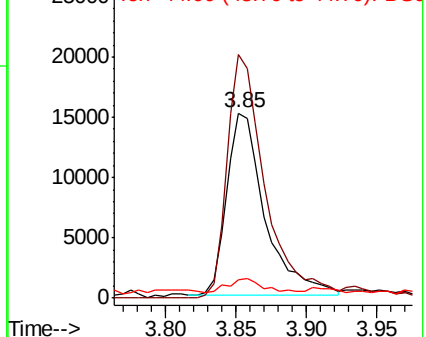
42 100

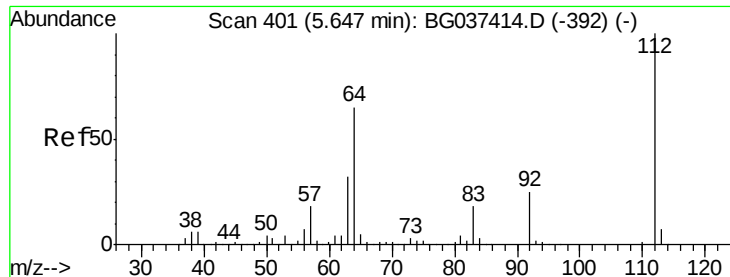
74 131.7 102.0 153.0

44 9.9 9.6 14.4



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 52.379 ng

RT: 5.64 min Scan# 401

Delta R.T. -0.00 min

Lab File: BG037624.D

Acq: 29 Oct 2018 15:49

Instrument :

BNA_G

ClientSampleId :

DL-SW-01MSD

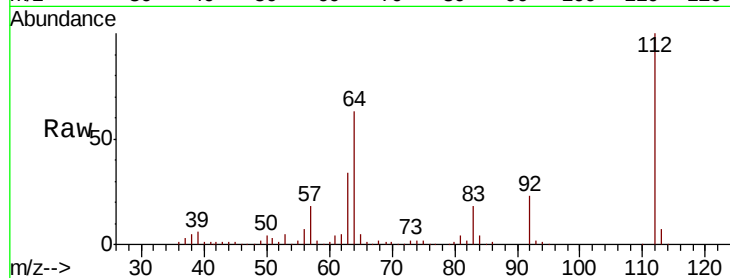
Tot Ion: 112 Resp: 193194

Ion Ratio Lower Upper

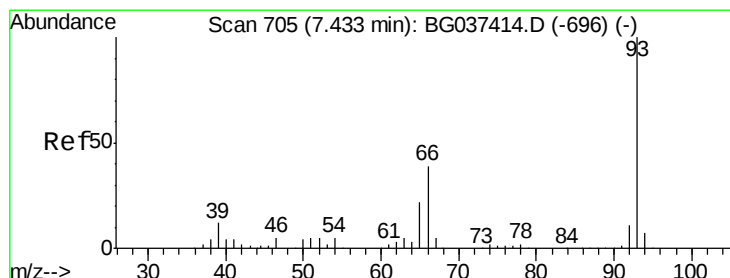
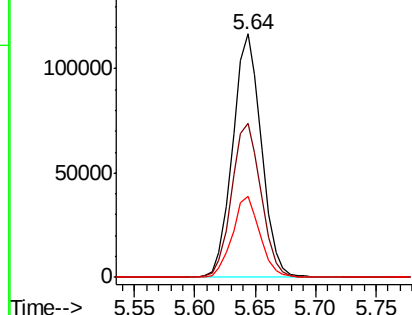
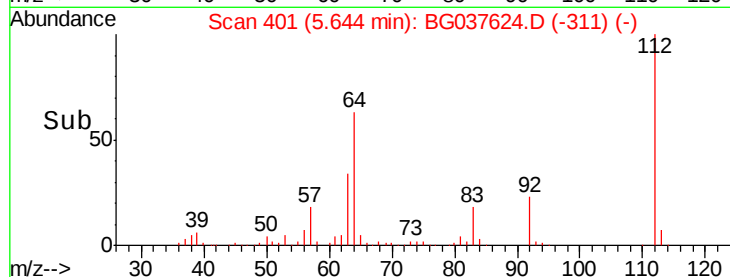
112 100

64 63.2 53.1 79.7

63 33.5 27.3 40.9



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



#6

Aniline

Concen: 12.991 ng

RT: 7.42 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG037624.D

Acq: 29 Oct 2018 15:49

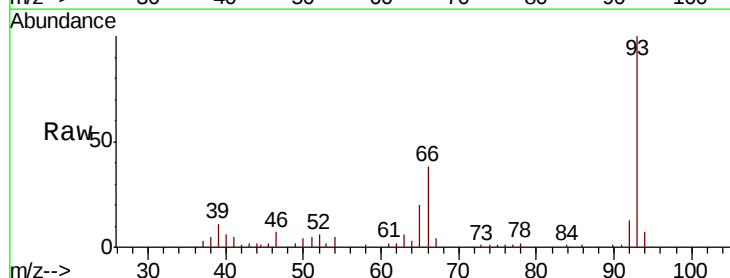
Tgt Ion: 93 Resp: 88392

Ion Ratio Lower Upper

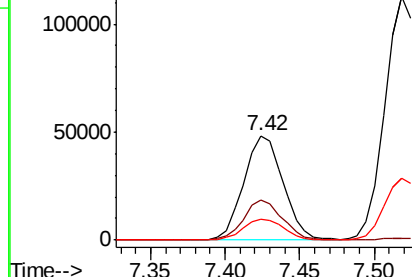
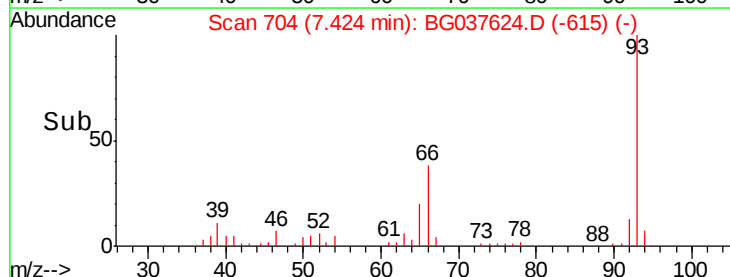
93 100

66 38.2 32.8 49.2

65 19.9 16.4 24.6



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





#7

Phenol-d6

Concen: 31.033 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037624.D

Acq: 29 Oct 2018 15:49

Instrument :

BNA_G

ClientSampleId :

DL-SW-01MSD

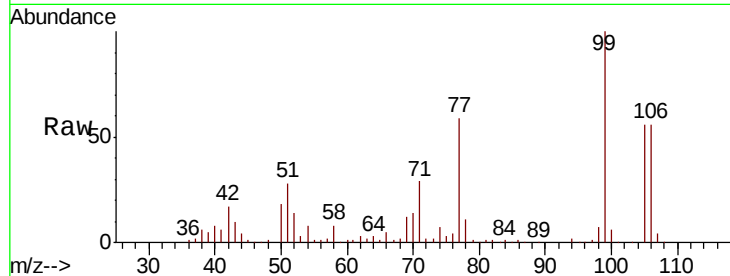
Tot Ion: 99 Resp: 173082

Ion Ratio Lower Upper

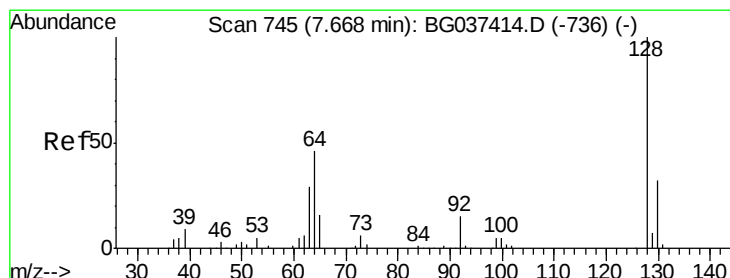
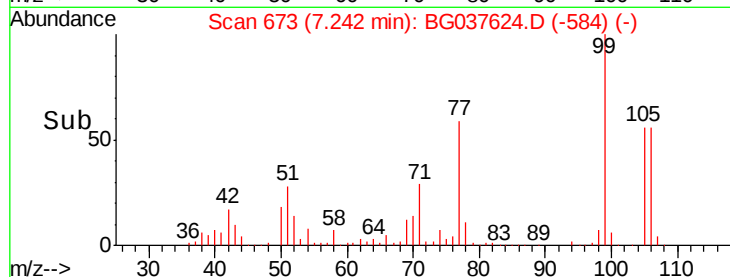
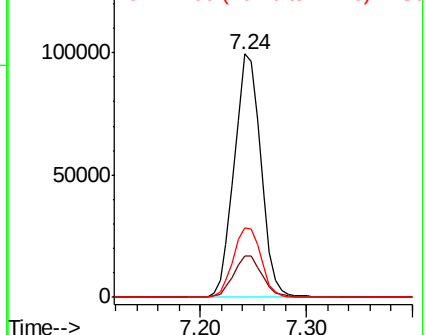
99 100

42 17.0 15.0 22.4

71 28.5 25.5 38.3



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: 27.906 ng

RT: 7.66 min Scan# 744

Delta R.T. -0.01 min

Lab File: BG037624.D

Acq: 29 Oct 2018 15:49

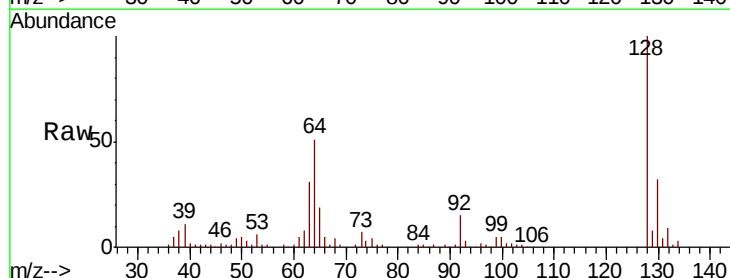
Tgt Ion: 128 Resp: 120409

Ion Ratio Lower Upper

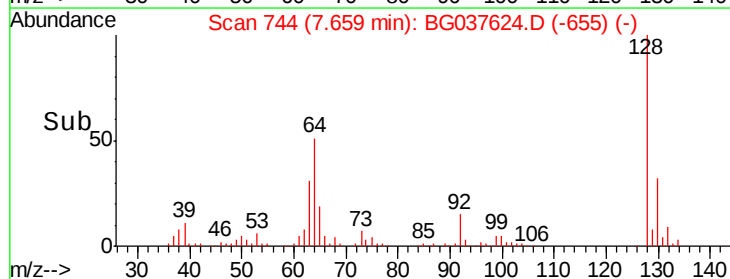
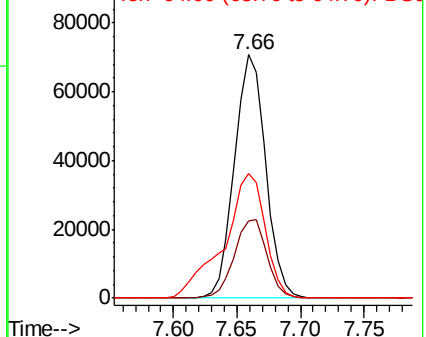
128 100

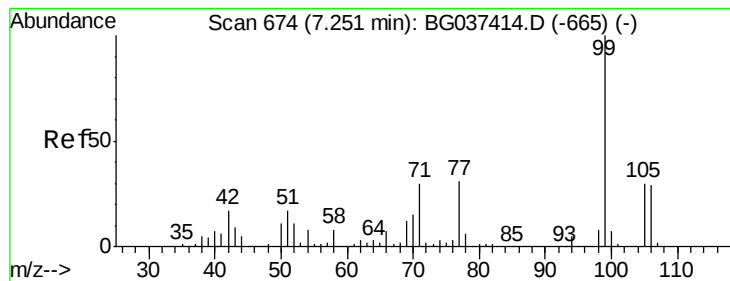
130 31.9 12.0 52.0

64 51.4 32.9 72.9



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





#9

Benzaldehyde

Concen: 29.334 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037624.D

Acq: 29 Oct 2018 15:49

Instrument :

BNA_G

ClientSampleId :

DL-SW-01MSD

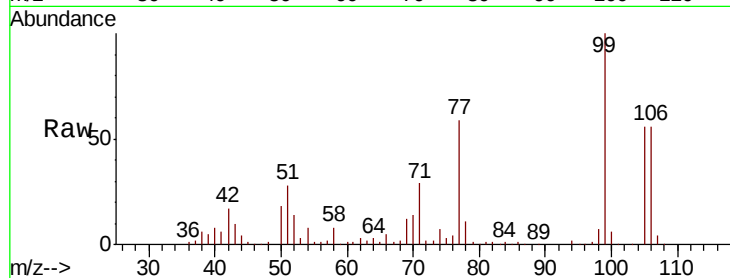
Tot Ion: 77 Resp: 102339

Ion Ratio Lower Upper

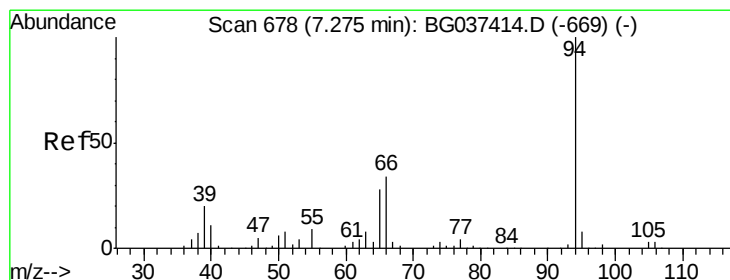
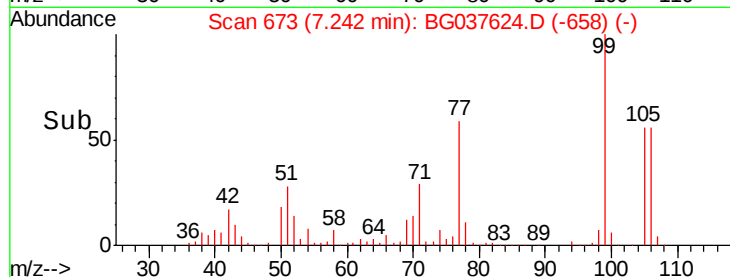
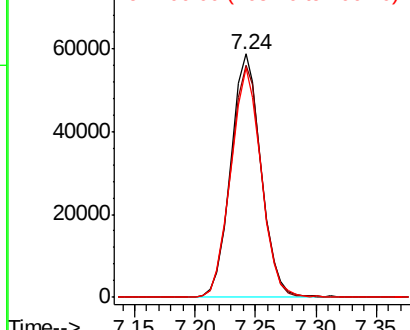
77 100

105 95.3 72.6 112.6

106 94.4 71.3 111.3



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: 14.525 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG037624.D

Acq: 29 Oct 2018 15:49

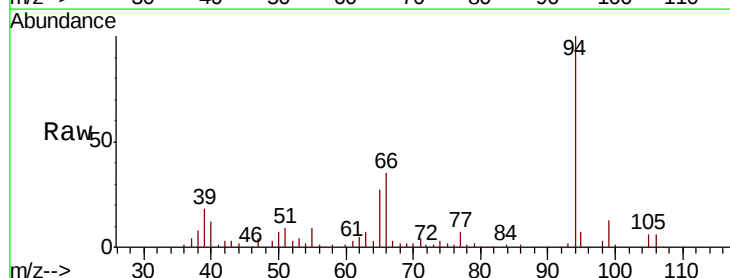
Tgt Ion: 94 Resp: 85471

Ion Ratio Lower Upper

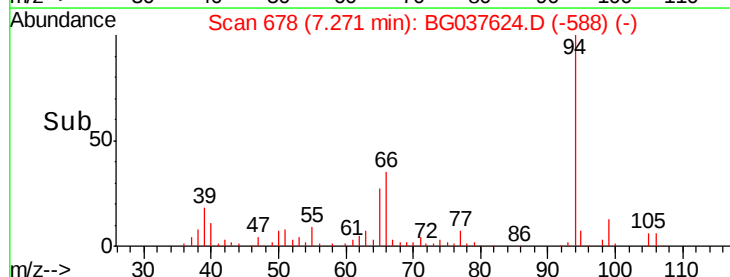
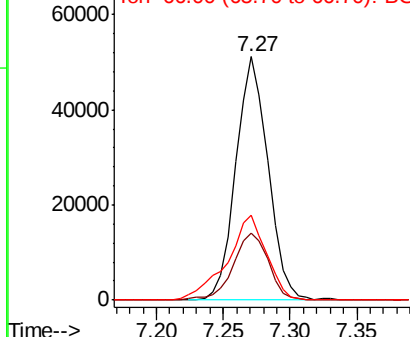
94 100

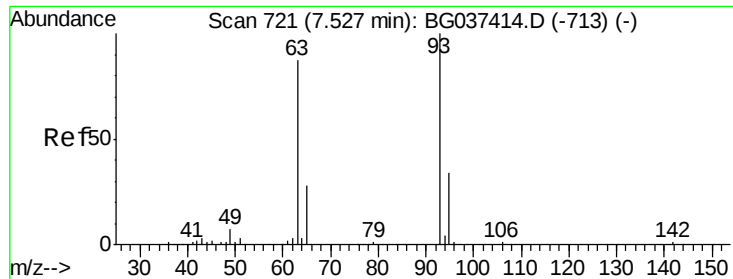
65 27.4 9.7 49.7

66 34.8 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

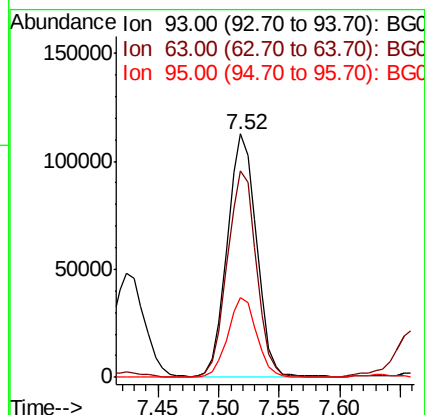
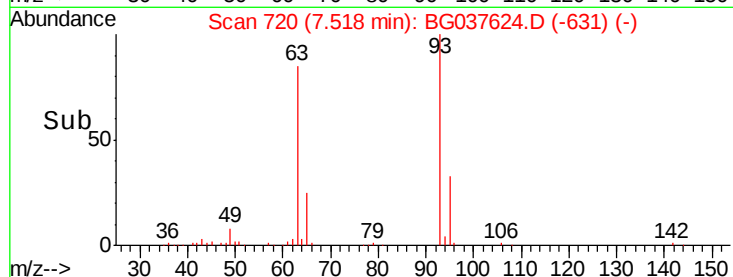
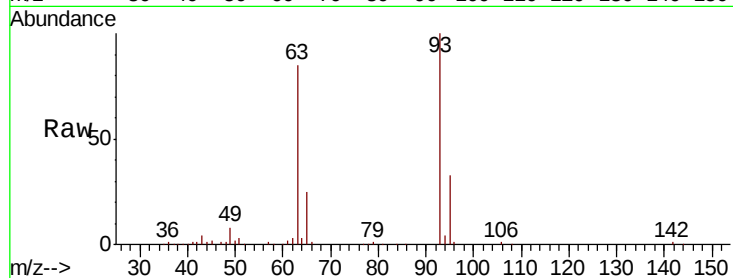




#11
bis(2-Chloroethyl)ether
Concen: 42.325 ng
RT: 7.52 min Scan# 720
Delta R.T. -0.01 min
Lab File: BG037624.D
Acq: 29 Oct 2018 15:49

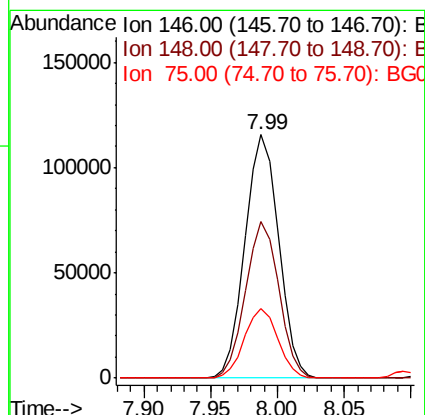
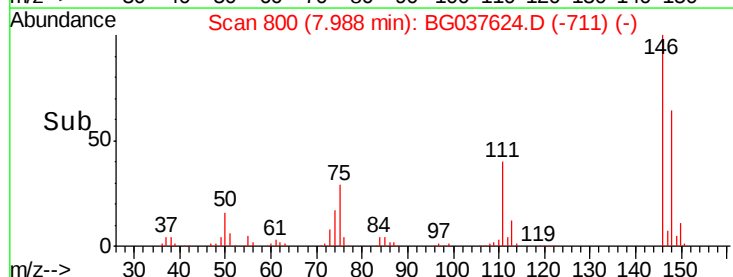
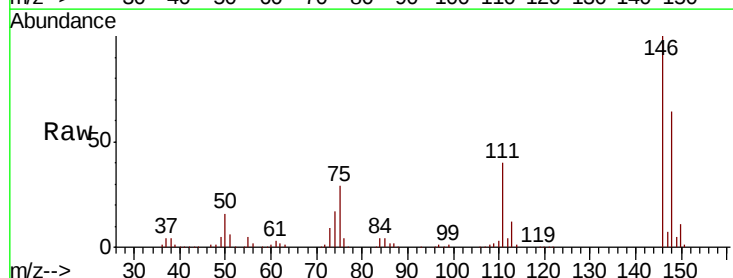
Instrument :
BNA_G
ClientSampleId :
DL-SW-01MSD

Tot Ion: 93 Resp: 189164
Ion Ratio Lower Upper
93 100
63 85.0 69.5 109.5
95 32.7 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 42.056 ng
RT: 7.99 min Scan# 800
Delta R.T. -0.01 min
Lab File: BG037624.D
Acq: 29 Oct 2018 15:49

Tgt Ion: 146 Resp: 202022
Ion Ratio Lower Upper
146 100
148 64.3 49.8 74.8
75 28.5 23.2 34.8

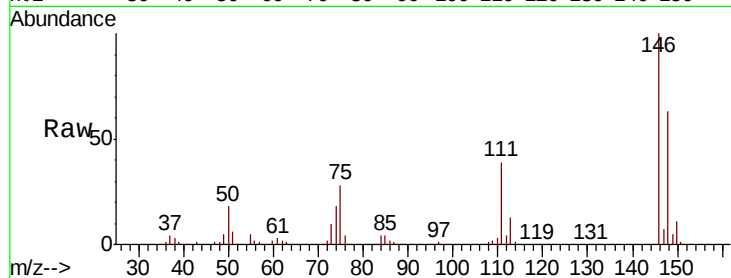




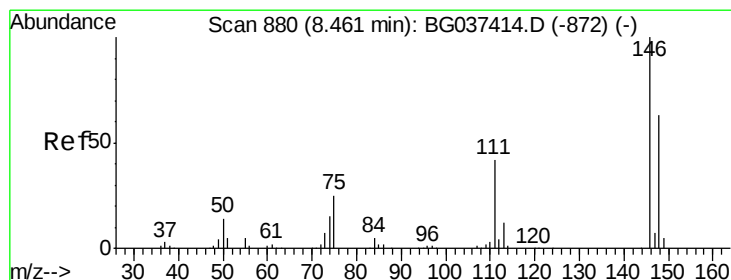
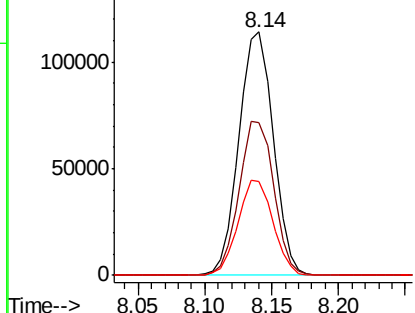
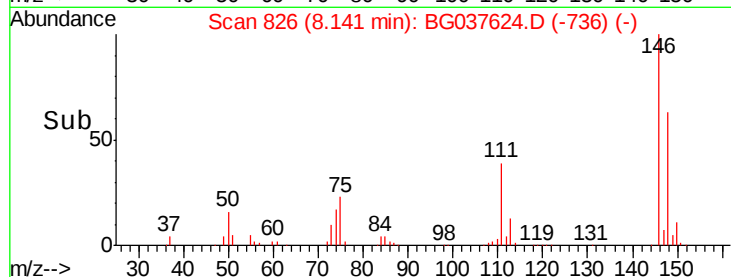
#13
 1,4-Dichlorobenzene
 Concen: 41.522 ng
 RT: 8.14 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BG037624.D
 Acq: 29 Oct 2018 15:49

Instrument :
 BNA_G
 ClientSampleId :
 DL-SW-01MSD

Tot Ion:146 Resp: 204020
 Ion Ratio Lower Upper
 146 100
 148 62.9 51.0 76.6
 111 38.8 32.4 48.6

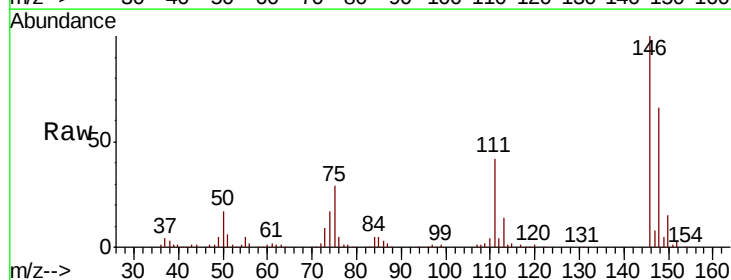


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

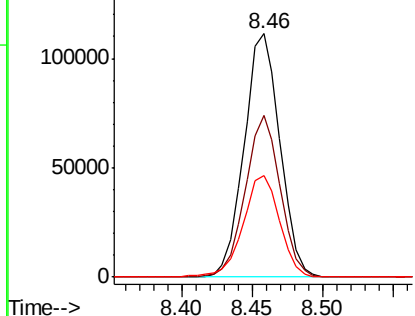
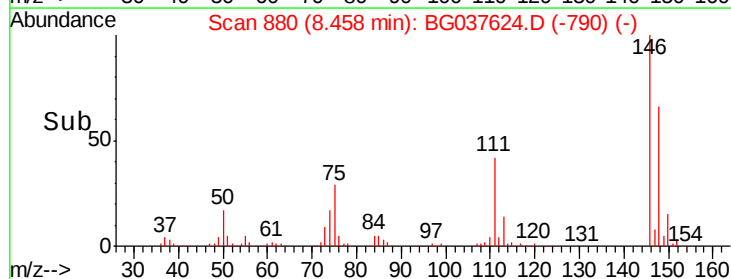


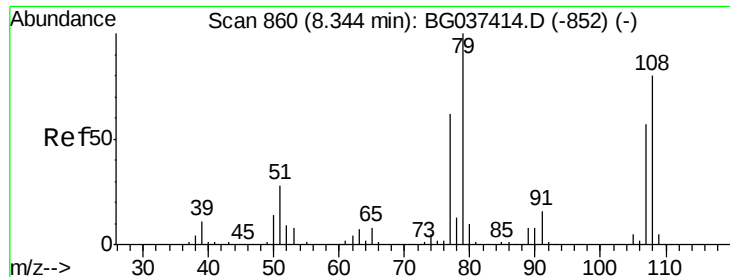
#14
 1,2-Dichlorobenzene
 Concen: 41.749 ng
 RT: 8.46 min Scan# 880
 Delta R.T. -0.00 min
 Lab File: BG037624.D
 Acq: 29 Oct 2018 15:49

Tgt Ion:146 Resp: 197331
 Ion Ratio Lower Upper
 146 100
 148 66.4 50.4 75.6
 111 41.8 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: 24.335 ng

RT: 8.34 min Scan# 860

Delta R.T. -0.00 min

Lab File: BG037624.D

Acq: 29 Oct 2018 15:49

Instrument :

BNA_G

ClientSampleId :

DL-SW-01MSD

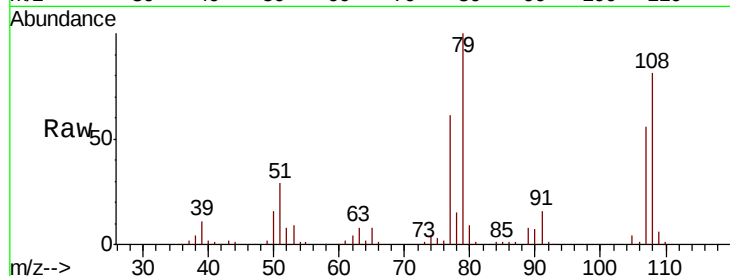
Tot Ion: 79 Resp: 100285

Ion Ratio Lower Upper

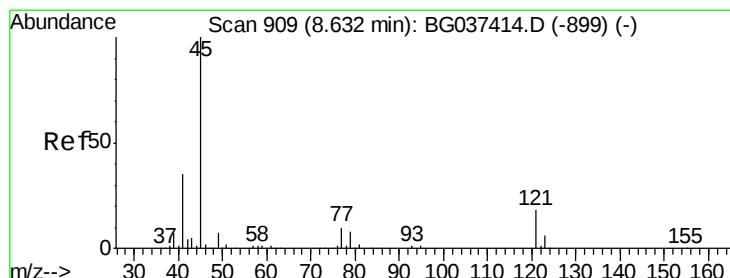
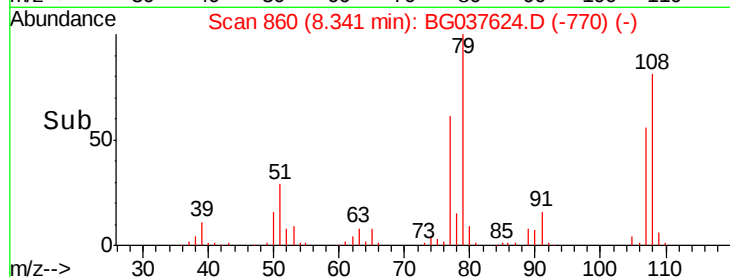
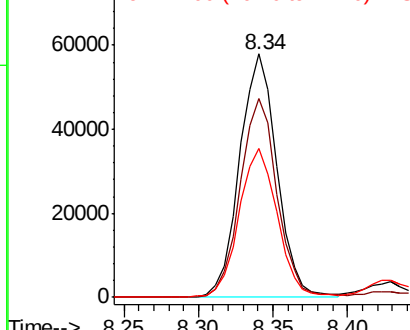
79 100

108 81.4 65.8 98.8

77 61.1 52.9 79.3



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: 43.891 ng

RT: 8.62 min Scan# 908

Delta R.T. -0.01 min

Lab File: BG037624.D

Acq: 29 Oct 2018 15:49

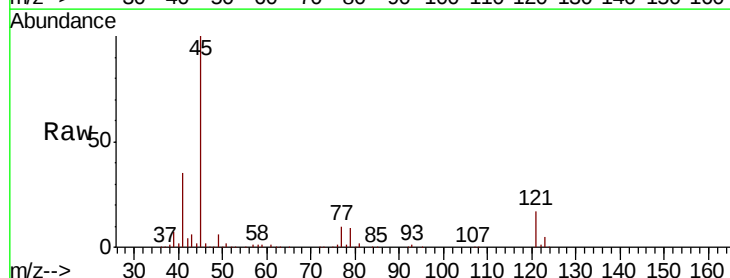
Tgt Ion: 45 Resp: 350995

Ion Ratio Lower Upper

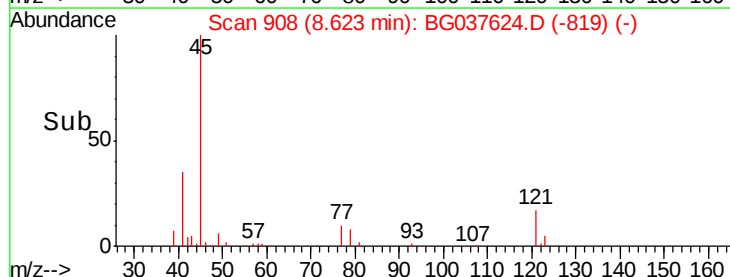
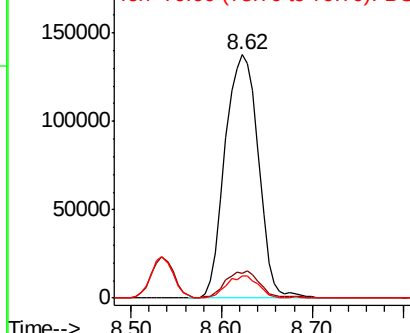
45 100

77 10.4 0.0 30.0

79 9.0 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

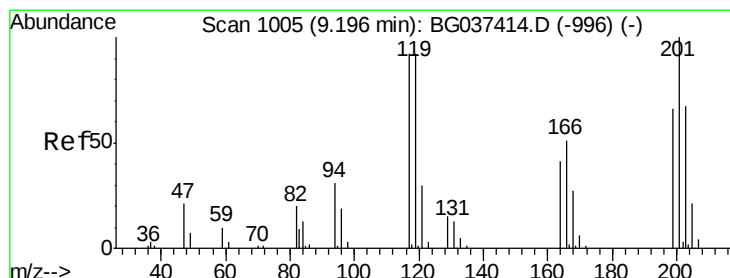
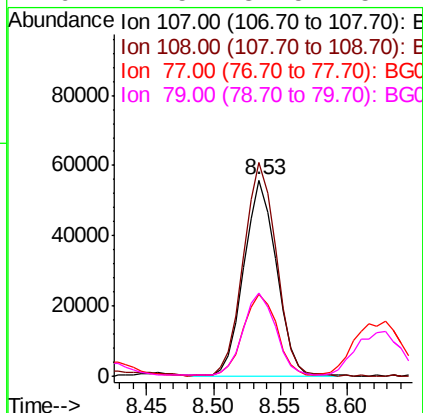
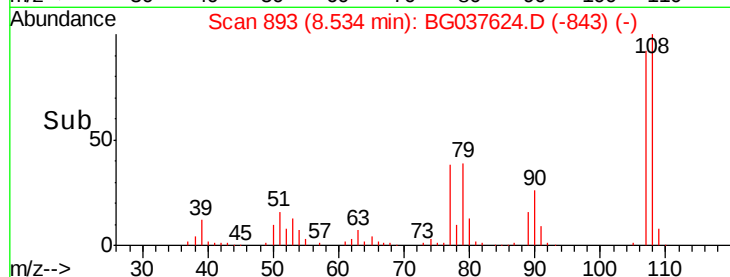
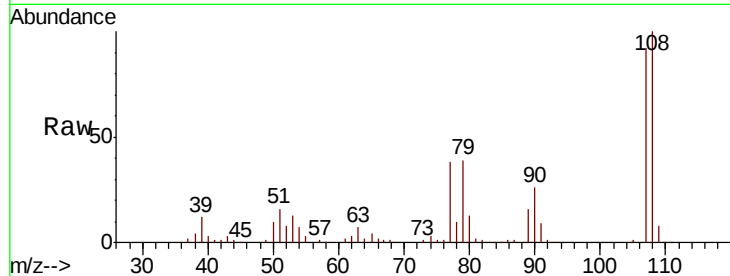




#17
2-Methylphenol
Concen: 23.952 ng
RT: 8.53 min Scan# 893
Delta R.T. -0.00 min
Lab File: BG037624.D
Acq: 29 Oct 2018 15:49

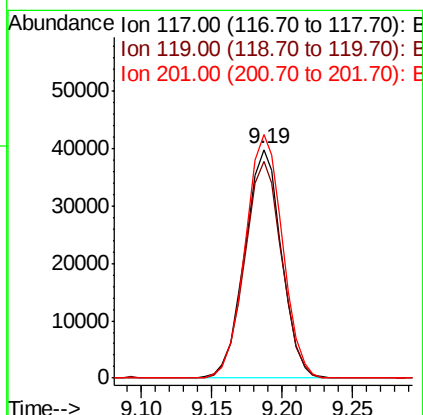
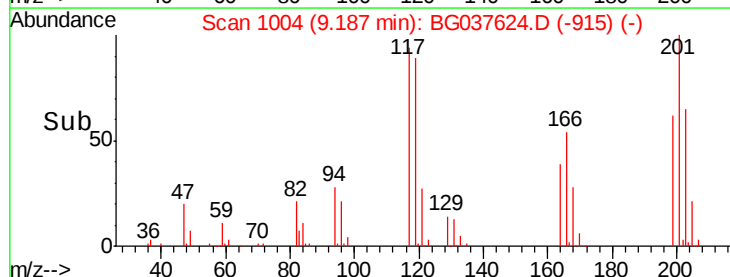
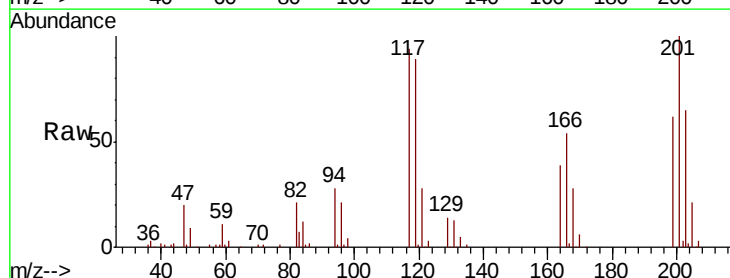
Instrument :
BNA_G
ClientSampleId :
DL-SW-01MSD

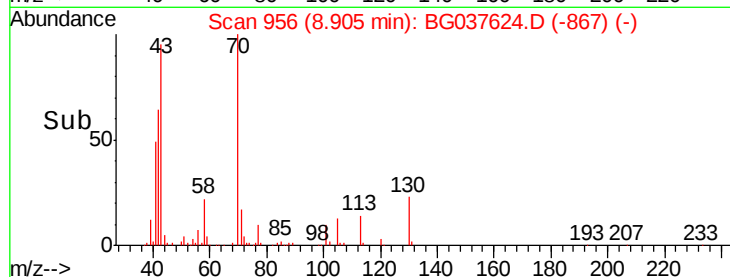
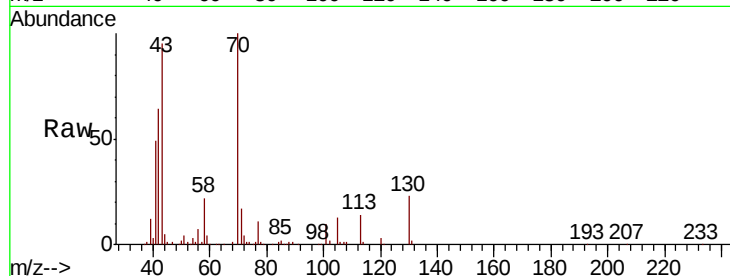
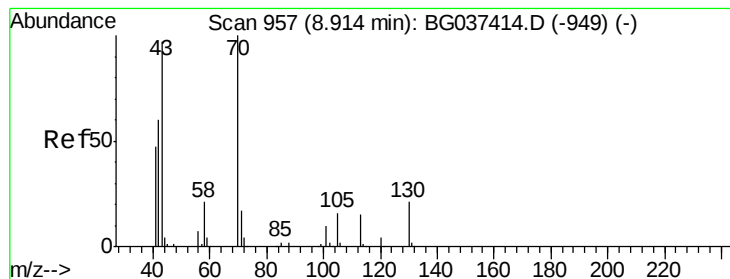
Tot Ion:	107	Resp:	93182
Ion	Ratio	Lower	Upper
107	100		
108	108.8	87.9	131.9
77	41.8	35.1	52.7
79	42.5	34.5	51.7



#18
Hexachloroethane
Concen: 43.385 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BG037624.D
Acq: 29 Oct 2018 15:49

Tgt Ion:	117	Resp:	72676
Ion	Ratio	Lower	Upper
117	100		
119	94.9	74.6	111.8
201	106.5	80.8	121.2





#19

n-Nitroso-di-n-propylamine

Concen: 42.567 ng

RT: 8.90 min Scan# 956

Delta R.T. -0.01 min

Lab File: BG037624.D

Acq: 29 Oct 2018 15:49

Instrument :

BNA_G

ClientSampleId :

DL-SW-01MSD

Tot Ion: 70 Resp: 163480

Ion Ratio Lower Upper

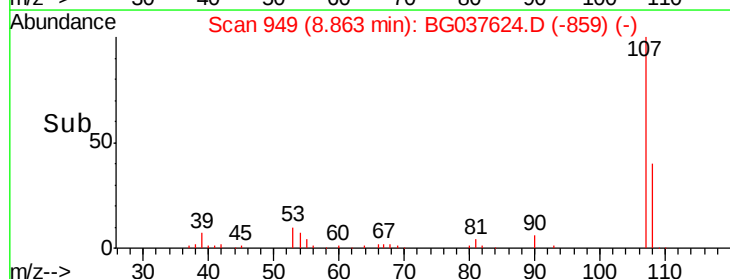
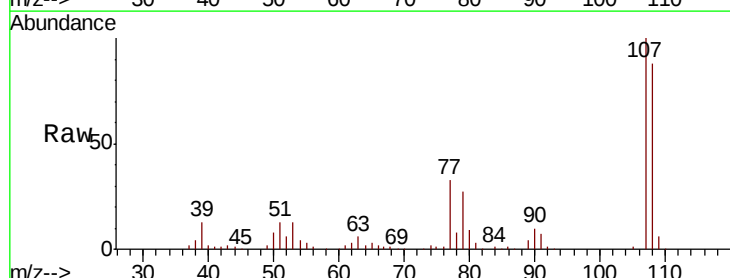
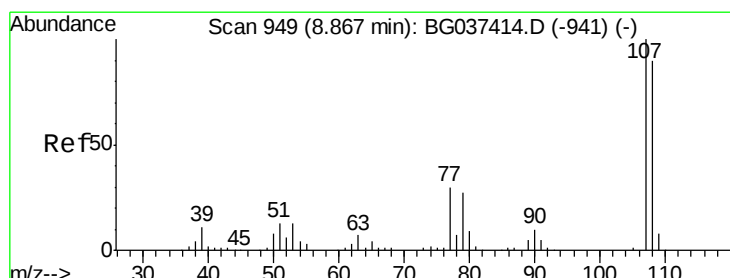
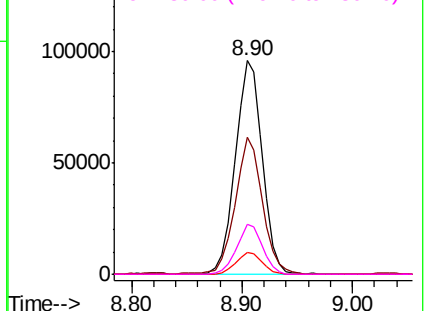
70 100

42 64.0 53.9 80.9

101 10.5 8.2 12.2

130 23.2 18.2 27.4

Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 20.937 ng

RT: 8.86 min Scan# 949

Delta R.T. -0.00 min

Lab File: BG037624.D

Acq: 29 Oct 2018 15:49

Tgt Ion: 107 Resp: 116455

Ion Ratio Lower Upper

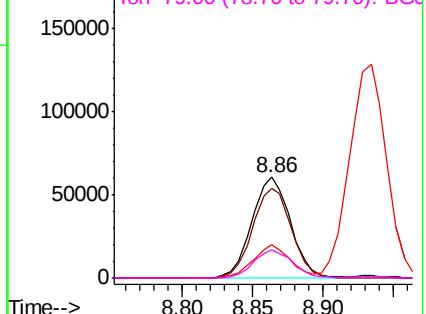
107 100

108 88.4 69.9 109.9

77 33.0 11.2 51.2

79 27.4 6.6 46.6

Abundance Ion 107.00 (106.70 to 107.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

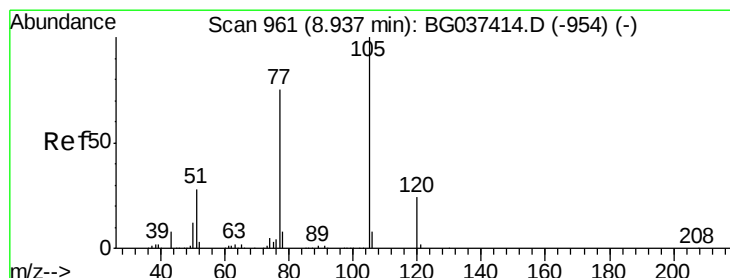
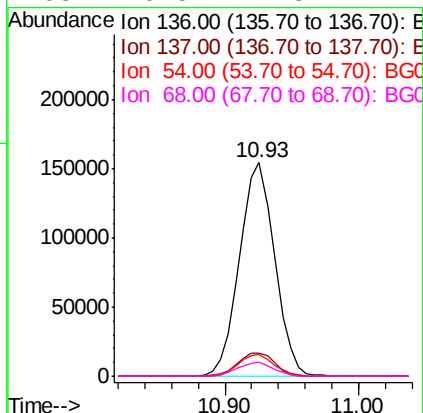
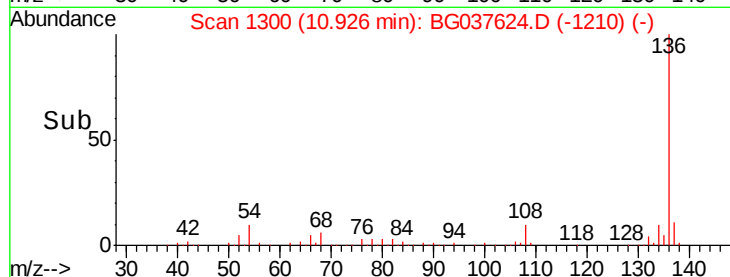
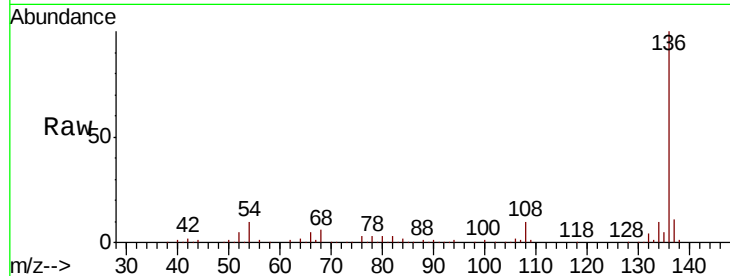




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG037624.D
Acq: 29 Oct 2018 15:49

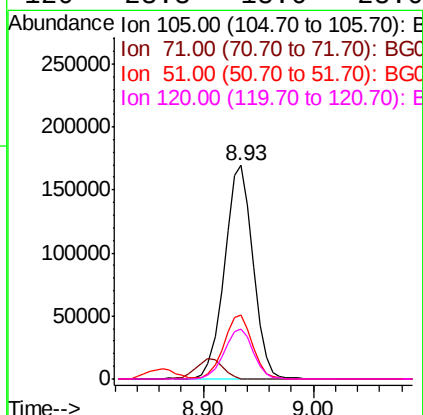
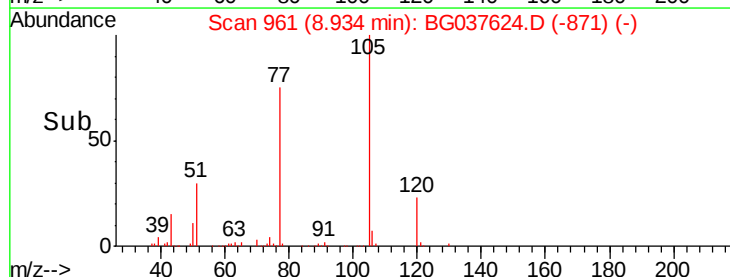
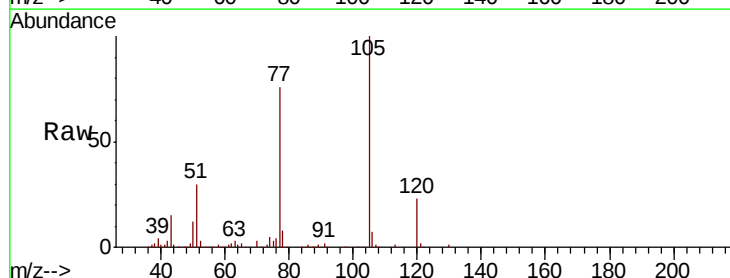
Instrument :
BNA_G
ClientSampleId :
DL-SW-01MSD

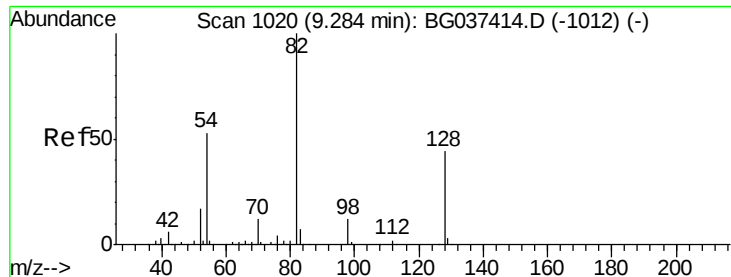
Tot Ion:136	Resp:	280677
Ion	Ratio	Lower Upper
136	100	
137	10.8	9.6 14.4
54	10.1	7.9 11.9
68	6.5	4.8 7.2



#22
Acetophenone
Concen: 43.369 ng
RT: 8.93 min Scan# 961
Delta R.T. -0.00 min
Lab File: BG037624.D
Acq: 29 Oct 2018 15:49

Tgt Ion:105	Resp:	305287
Ion	Ratio	Lower Upper
105	100	
71	0.3	1.2 1.8#
51	29.9	25.0 37.6
120	23.3	18.6 28.0

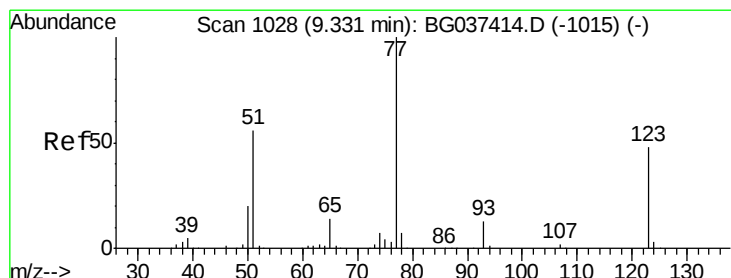
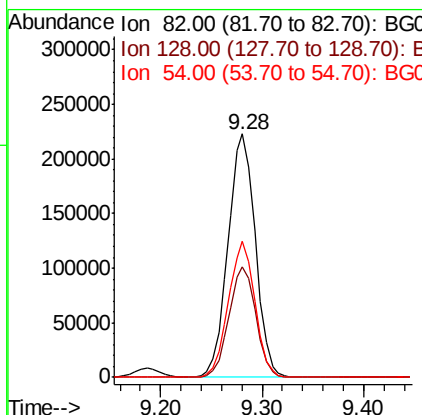
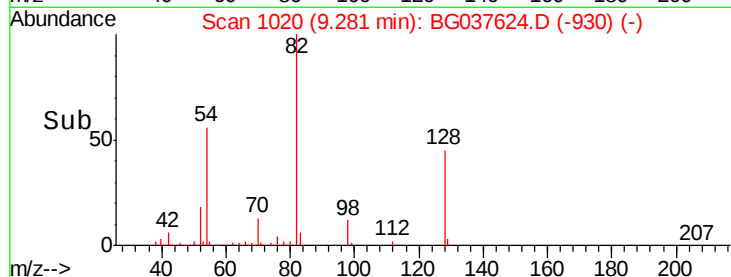
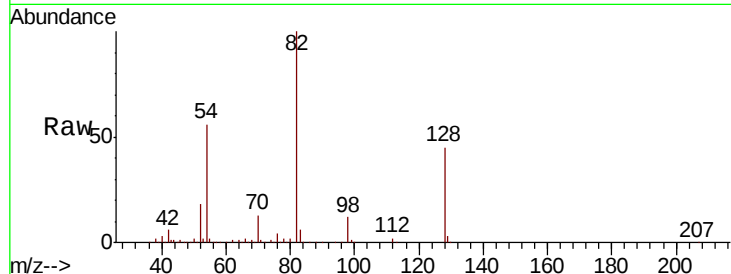




#23
Nitrobenzene-d5
Concen: 83.068 ng
RT: 9.28 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG037624.D
Acq: 29 Oct 2018 15:49

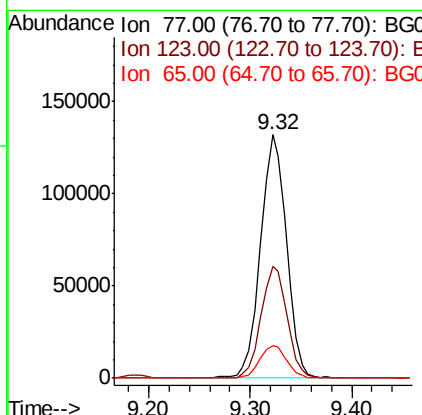
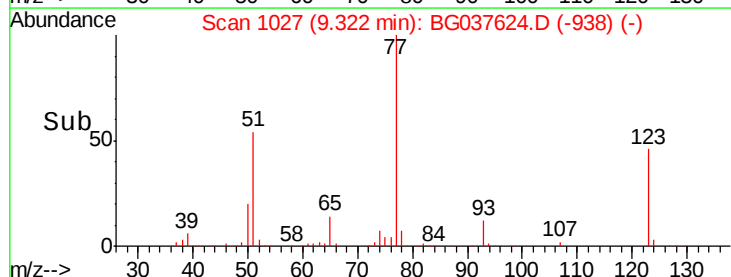
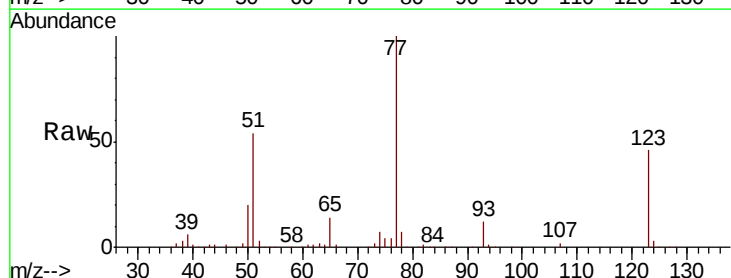
Instrument :
BNA_G
ClientSampleId :
DL-SW-01MSD

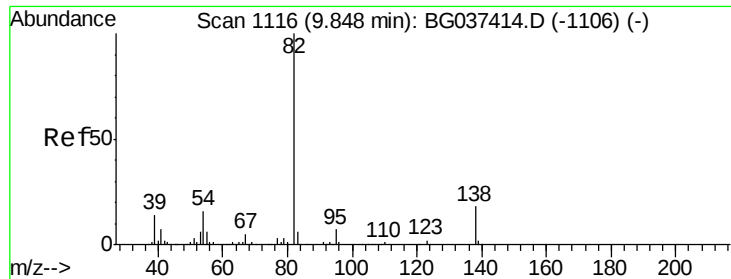
Tot Ion	82	Resp	416204
Ion Ratio	100		
Lower	34.6		
Upper	51.8		
128	45.4		
54	56.1		
	45.3		
	67.9		



#24
Nitrobenzene
Concen: 45.005 ng
RT: 9.32 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BG037624.D
Acq: 29 Oct 2018 15:49

Tgt Ion	77	Resp	234256
Ion Ratio	100		
Lower	33.6		
Upper	50.4		
123	45.7		
65	13.6		
	11.3		
	16.9		

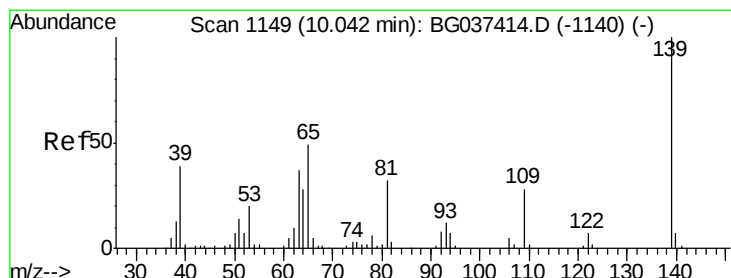
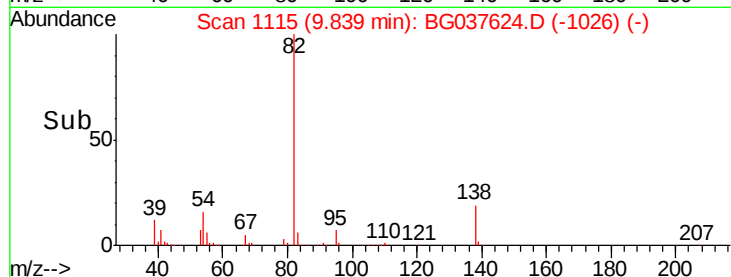
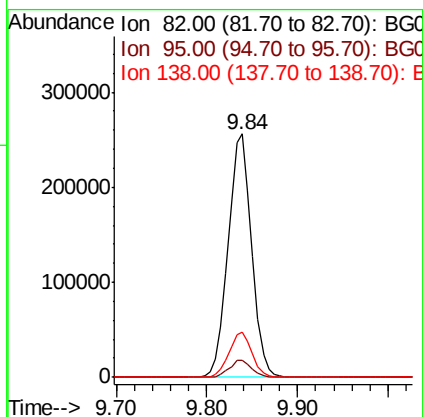
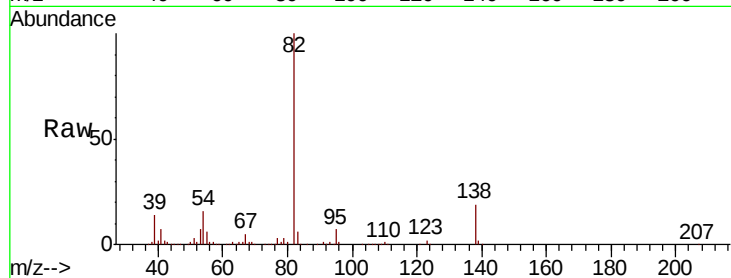




#25
Isophorone
Concen: 50.211 ng
RT: 9.84 min Scan# 1115
Delta R.T. -0.01 min
Lab File: BG037624.D
Acq: 29 Oct 2018 15:49

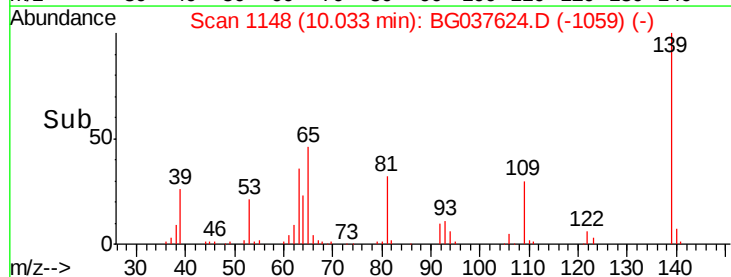
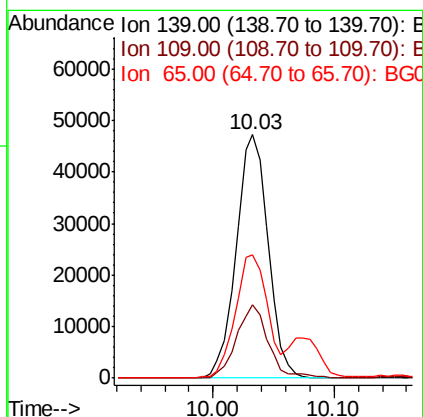
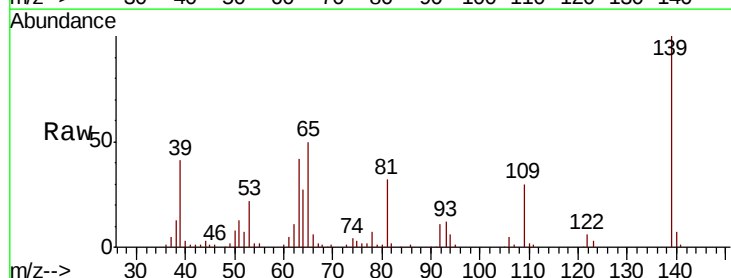
Instrument :
BNA_G
ClientSampleId :
DL-SW-01MSD

Tot Ion: 82 Resp: 459673
Ion Ratio Lower Upper
82 100
95 6.8 5.3 7.9
138 18.7 13.3 19.9



#26
2-Nitrophenol
Concen: 37.050 ng
RT: 10.03 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BG037624.D
Acq: 29 Oct 2018 15:49

Tgt Ion: 139 Resp: 86876
Ion Ratio Lower Upper
139 100
109 30.0 23.3 34.9
65 50.4 39.8 59.8

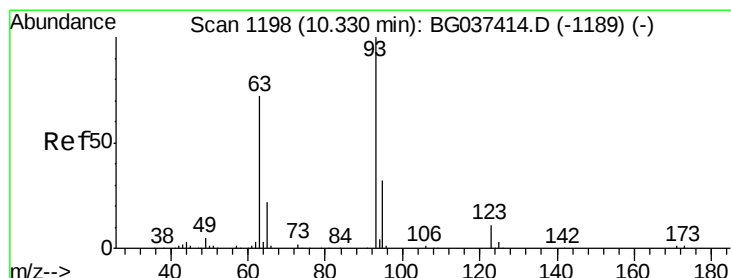
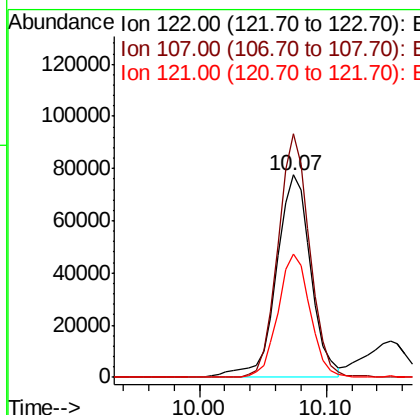
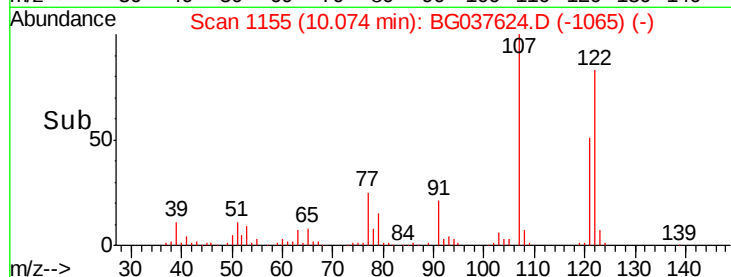
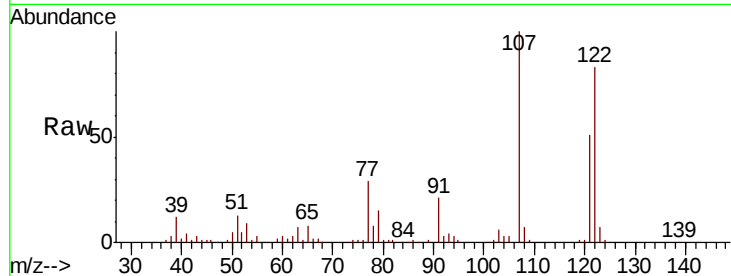




#27
2,4-Dimethylphenol
Concen: 34.956 ng
RT: 10.07 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BG037624.D
Acq: 29 Oct 2018 15:49

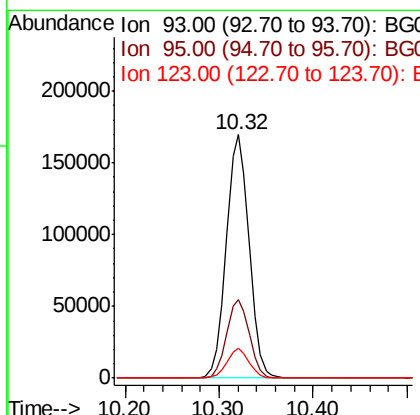
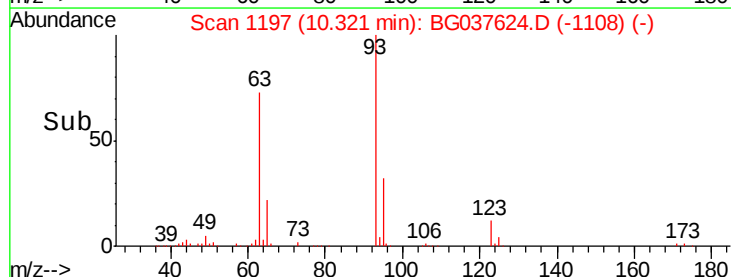
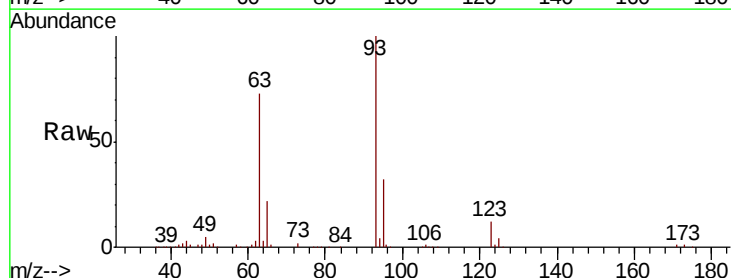
Instrument :
BNA_G
ClientSampleId :
DL-SW-01MSD

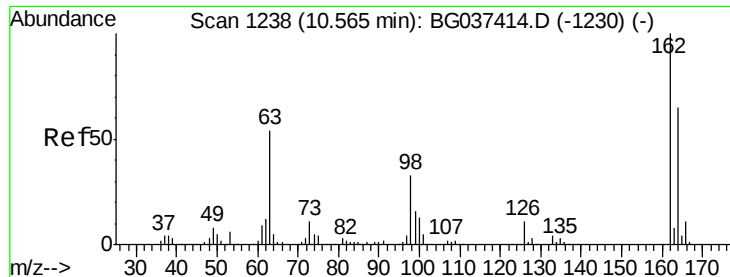
Tot Ion:122 Resp: 146349
Ion Ratio Lower Upper
122 100
107 120.2 94.2 141.2
121 61.0 47.3 70.9



#28
bis(2-Chloroethoxy)methane
Concen: 47.354 ng
RT: 10.32 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BG037624.D
Acq: 29 Oct 2018 15:49

Tgt Ion: 93 Resp: 284032
Ion Ratio Lower Upper
93 100
95 32.3 24.6 37.0
123 12.3 9.1 13.7

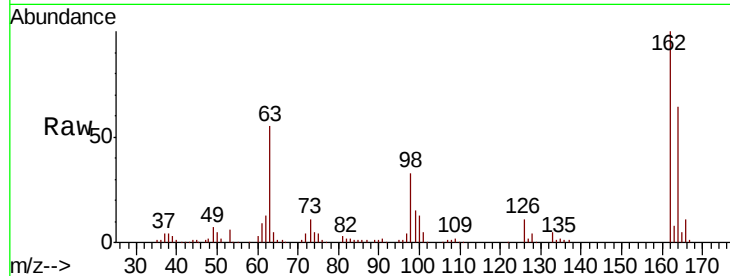




#29
 2,4-Dichlorophenol
 Concen: 33.864 ng
 RT: 10.56 min Scan# 1238
 Delta R.T. -0.00 min
 Lab File: BG037624.D
 Acq: 29 Oct 2018 15:49

Instrument :
 BNA_G
 ClientSampleId :
 DL-SW-01MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	43.2	83.2
98	33.3	16.0	56.0

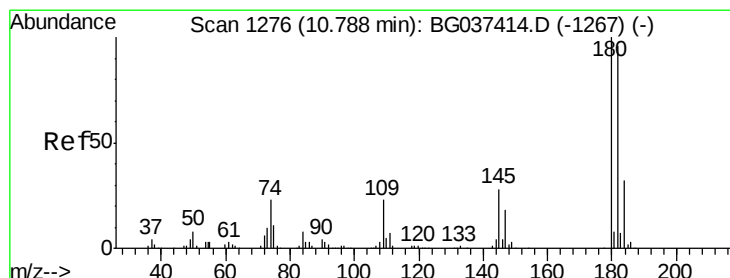
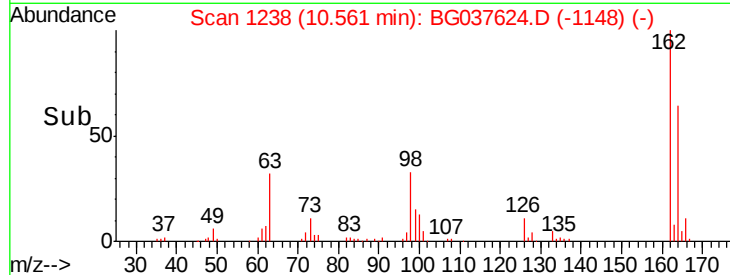
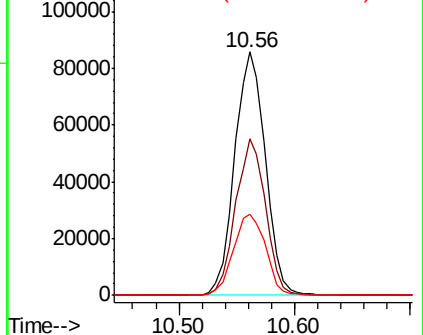


Abundance

Ion 162.00 (161.70 to 162.70): E

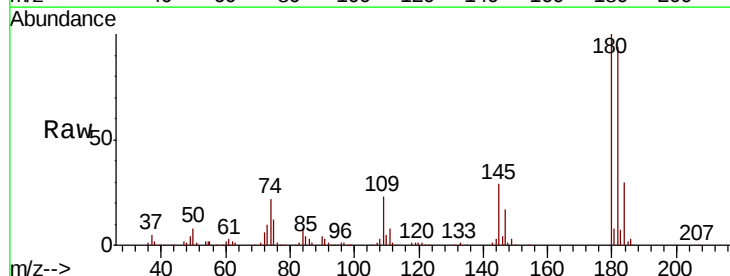
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): E



#30
 1,2,4-Trichlorobenzene
 Concen: 42.894 ng
 RT: 10.78 min Scan# 1275
 Delta R.T. -0.01 min
 Lab File: BG037624.D
 Acq: 29 Oct 2018 15:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	77.7	116.5
145	29.3	23.3	34.9

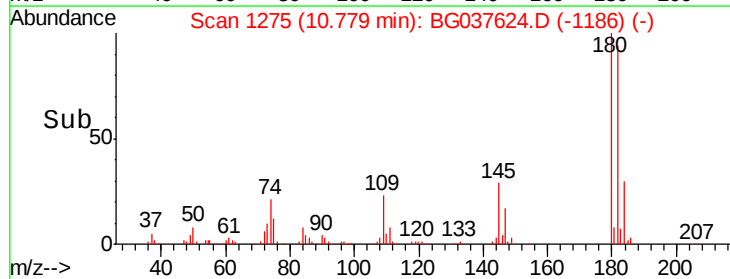
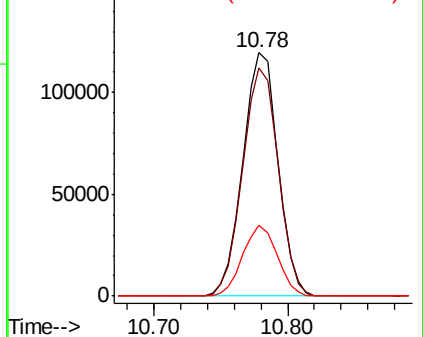


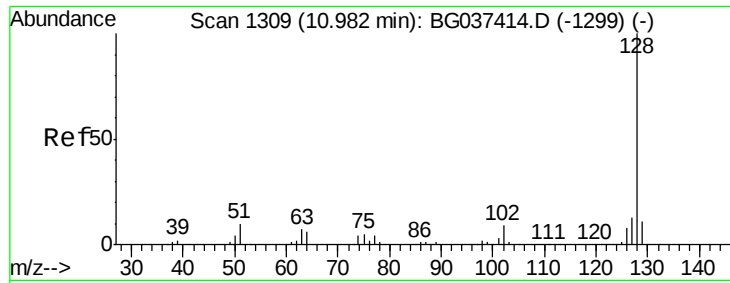
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

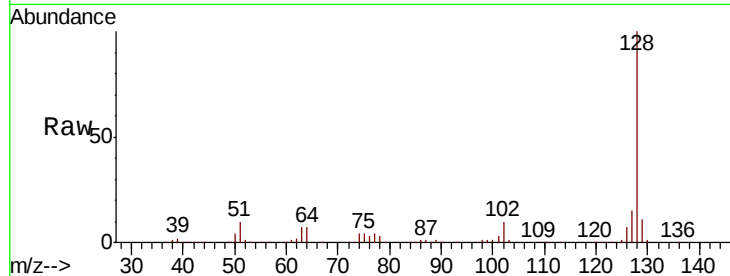




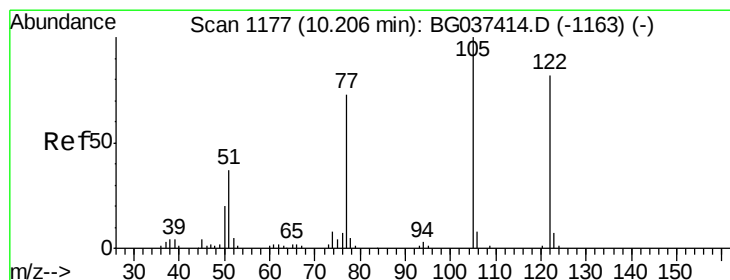
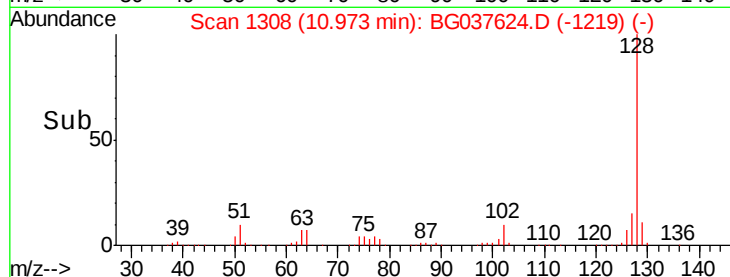
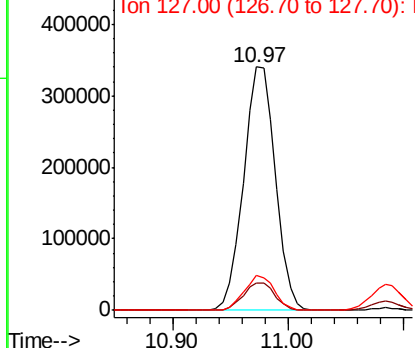
#31
Naphthalene
Concen: 47.238 ng
RT: 10.97 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BG037624.D
Acq: 29 Oct 2018 15:49

Instrument :
BNA_G
ClientSampleId :
DL-SW-01MSD

Tot Ion:128 Resp: 651223
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 14.6 11.1 16.7

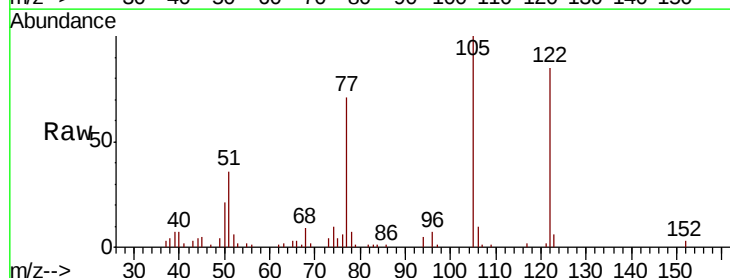


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

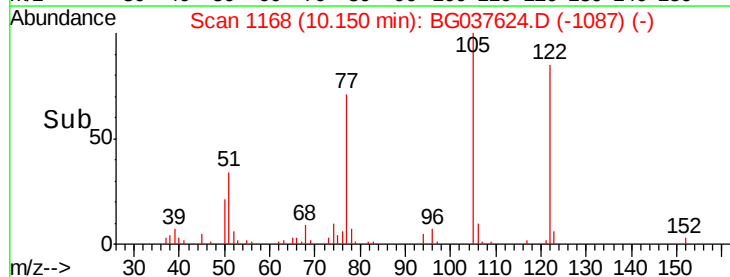
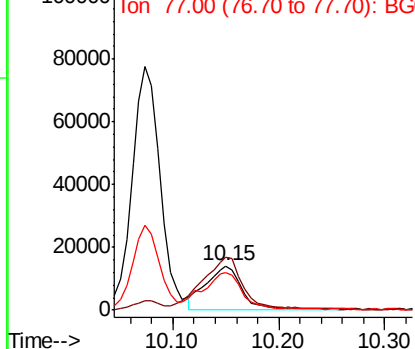


#32
Benzoic acid
Concen: 12.189 ng
RT: 10.15 min Scan# 1168
Delta R.T. -0.06 min
Lab File: BG037624.D
Acq: 29 Oct 2018 15:49

Tgt Ion:122 Resp: 33145
Ion Ratio Lower Upper
122 100
105 118.1 106.7 146.7
77 84.3 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): BG

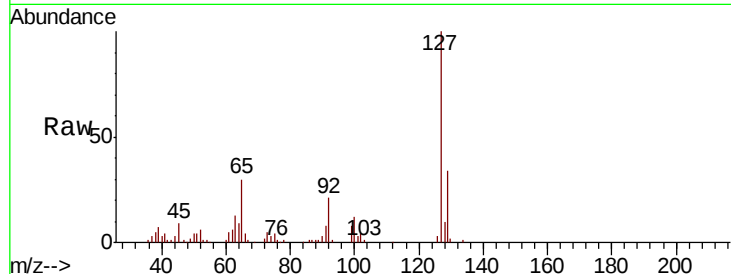




#33
4-Chloroaniline
Concen: 10.763 ng
RT: 11.08 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BG037624.D
Acq: 29 Oct 2018 15:49

Instrument :
BNA_G
ClientSampleId :
DL-SW-01MSD

Tot Ion:127	Resp:	69716	
Ion Ratio	Lower	Upper	
127 100			
129 34.3	27.1	40.7	
65 29.9	26.6	39.8	
92 20.6	16.4	24.6	



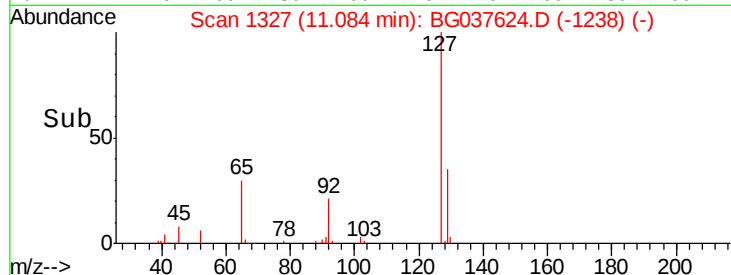
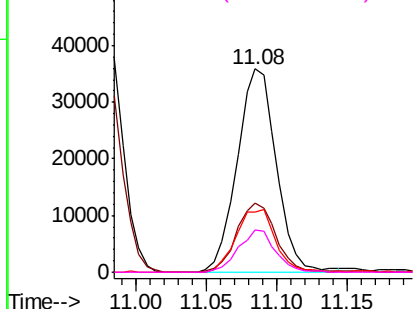
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

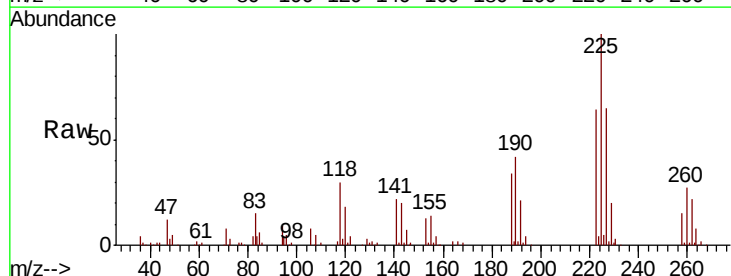
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 42.095 ng
RT: 11.24 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BG037624.D
Acq: 29 Oct 2018 15:49

Tgt Ion	225	Resp: Lower	126470 Upper
	Ratio		
225	100		
223	61.3	48.2	72.4
227	64.4	51.6	77.4

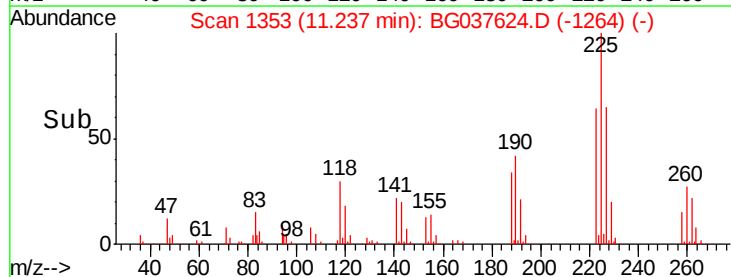
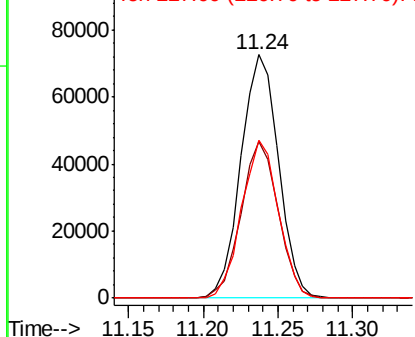


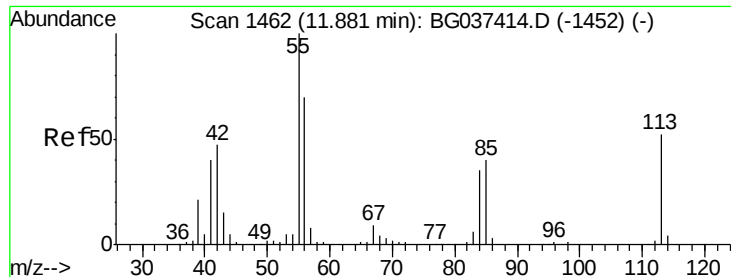
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 5.585 ng

RT: 11.87 min Scan# 1461

Delta R.T. -0.01 min

Lab File: BG037624.D

Acq: 29 Oct 2018 15:49

Instrument :

BNA_G

ClientSampleId :

DL-SW-01MSD

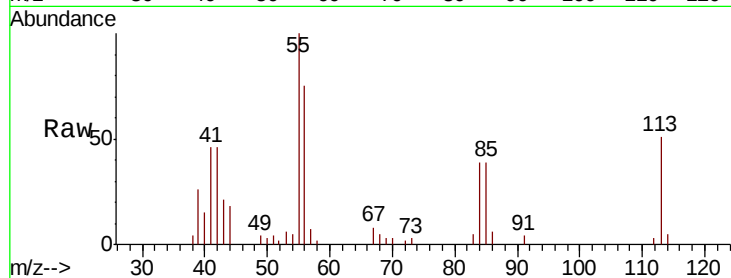
Tot Ion:113 Resp: 10441

Ion Ratio Lower Upper

113 100

55 194.6 176.6 216.6

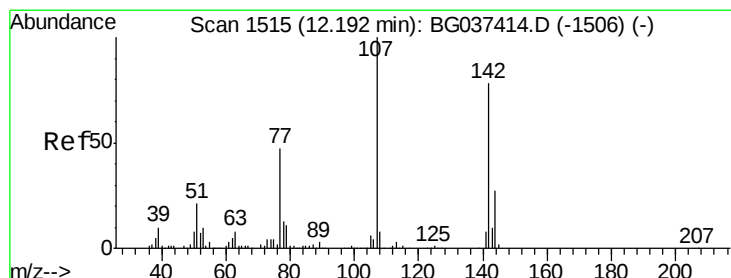
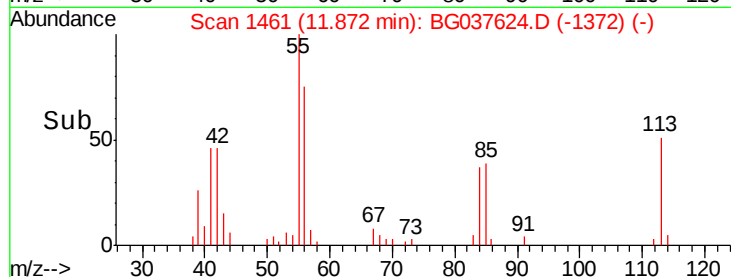
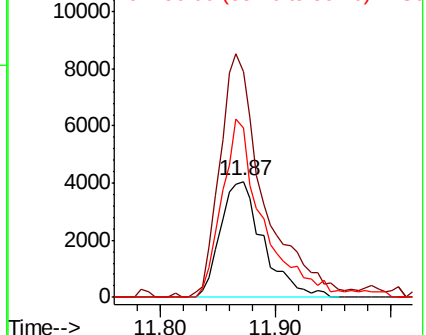
56 146.7 128.3 168.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 30.980 ng

RT: 12.18 min Scan# 1514

Delta R.T. -0.01 min

Lab File: BG037624.D

Acq: 29 Oct 2018 15:49

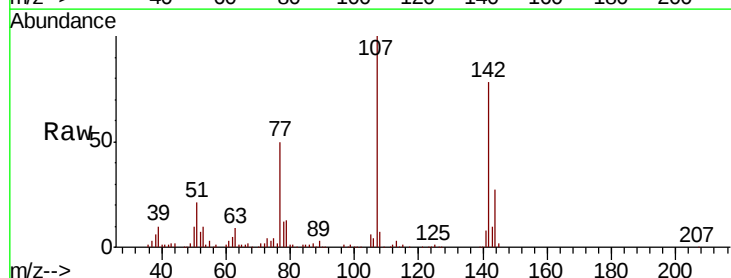
Tgt Ion:107 Resp: 162865

Ion Ratio Lower Upper

107 100

144 26.8 20.7 31.1

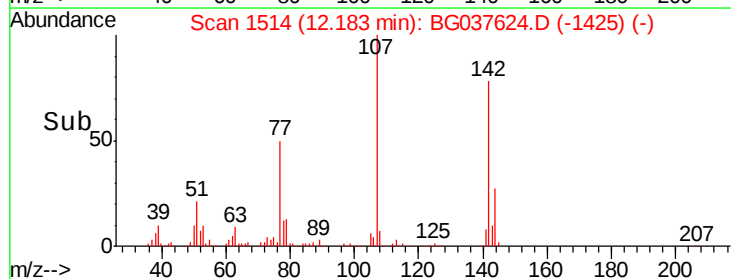
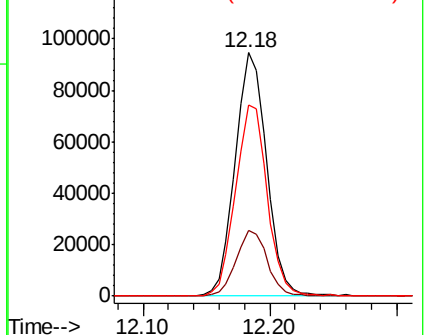
142 78.3 64.4 96.6

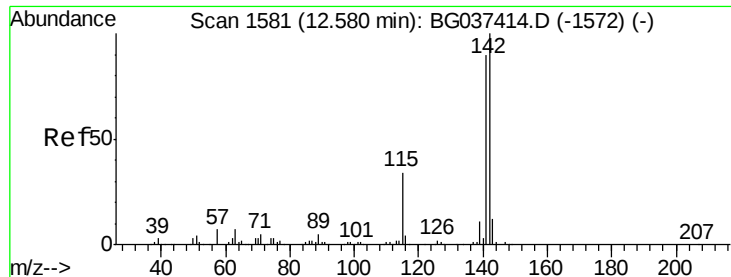


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

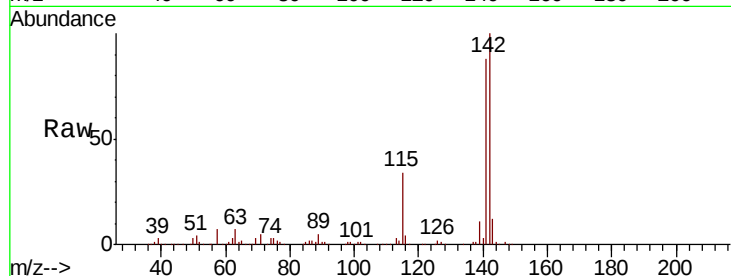




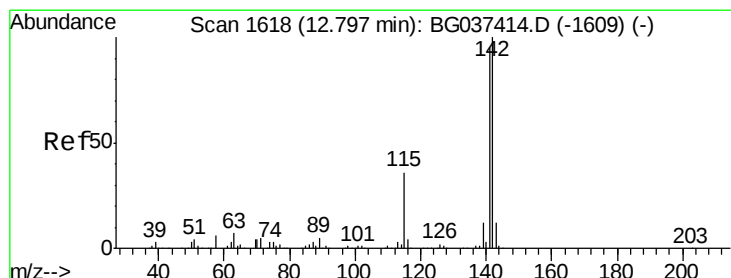
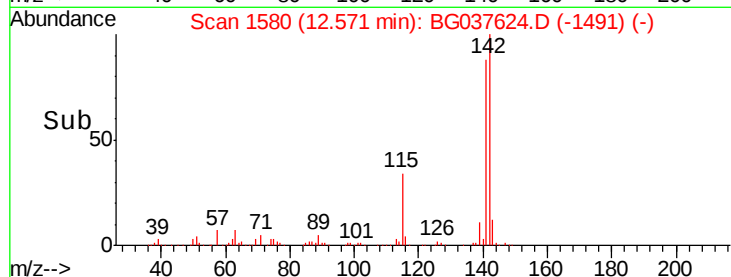
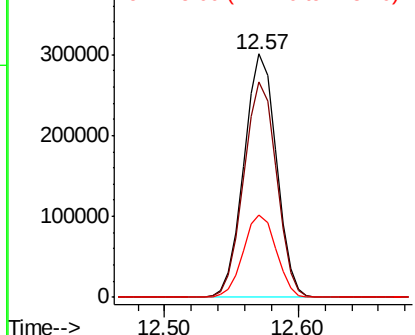
#37
2-Methylnaphthalene
Concen: 50.204 ng
RT: 12.57 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BG037624.D
Acq: 29 Oct 2018 15:49

Instrument :
BNA_G
ClientSampleId :
DL-SW-01MSD

Tot Ion:142 Resp: 504525
Ion Ratio Lower Upper
142 100
141 88.3 71.9 107.9
115 33.7 27.8 41.8

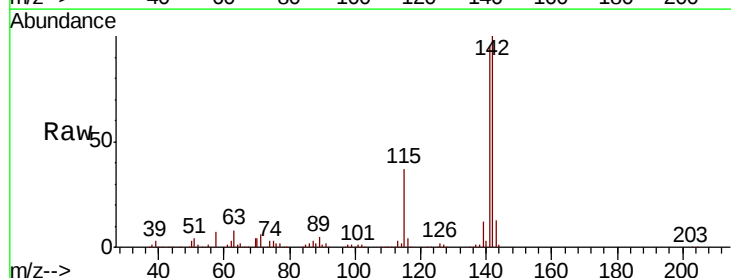


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

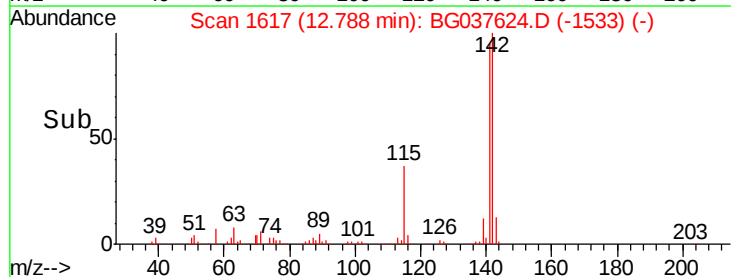
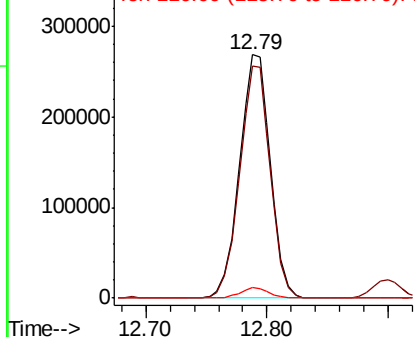


#38
1-Methylnaphthalene
Concen: 48.573 ng
RT: 12.79 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BG037624.D
Acq: 29 Oct 2018 15:49

Tgt Ion:142 Resp: 474054
Ion Ratio Lower Upper
142 100
141 95.4 75.2 112.8
116 4.2 3.3 4.9



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1949

Delta R.T. -0.00 min

Lab File: BG037624.D

Acq: 29 Oct 2018 15:49

Instrument :

BNA_G

ClientSampleId :

DL-SW-01MSD

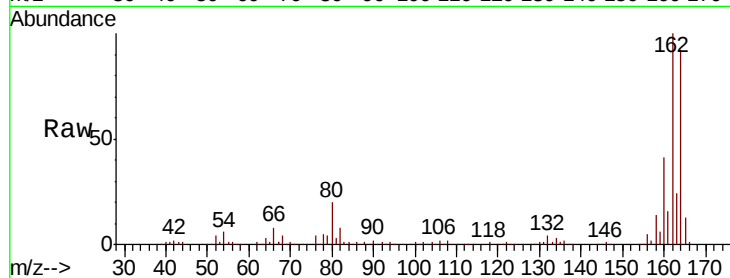
Tot Ion:164 Resp: 185621

Ion Ratio Lower Upper

164 100

162 108.7 81.3 121.9

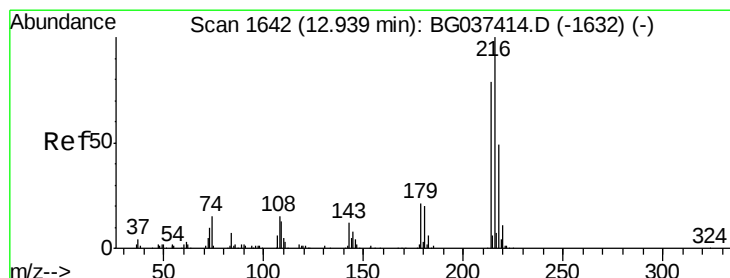
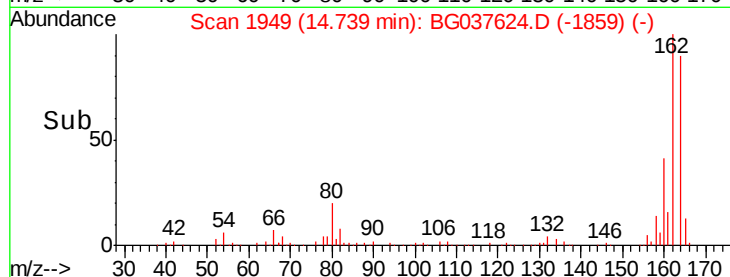
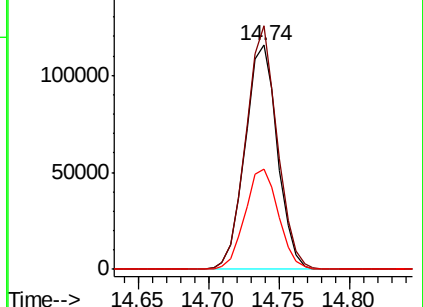
160 44.6 36.3 54.5



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: 42.660 ng

RT: 12.93 min Scan# 1641

Delta R.T. -0.01 min

Lab File: BG037624.D

Acq: 29 Oct 2018 15:49

Tgt Ion:216 Resp: 255419

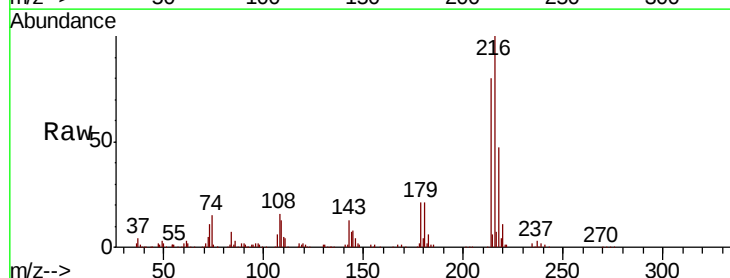
Ion Ratio Lower Upper

216 100

214 78.4 63.8 95.6

179 20.5 17.4 26.0

108 19.1 13.9 20.9

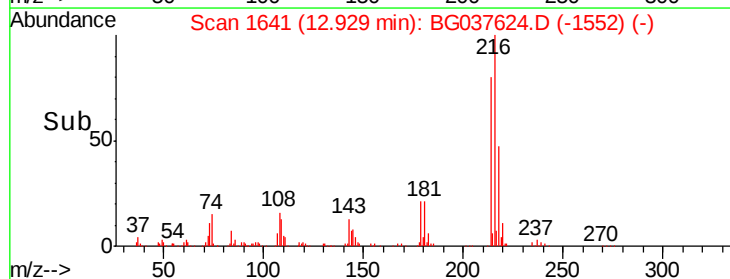
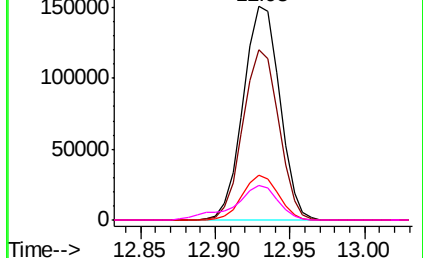


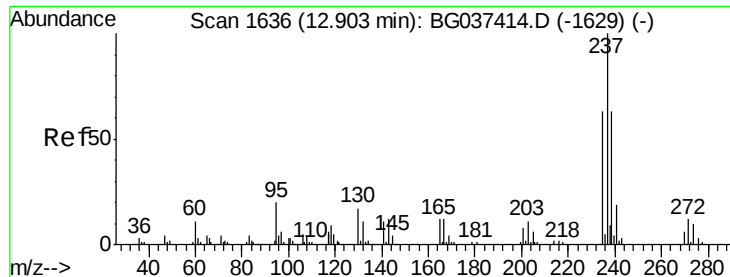
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 99.588 ng

RT: 12.90 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BG037624.D

Acq: 29 Oct 2018 15:49

Instrument :

BNA_G

ClientSampleId :

DL-SW-01MSD

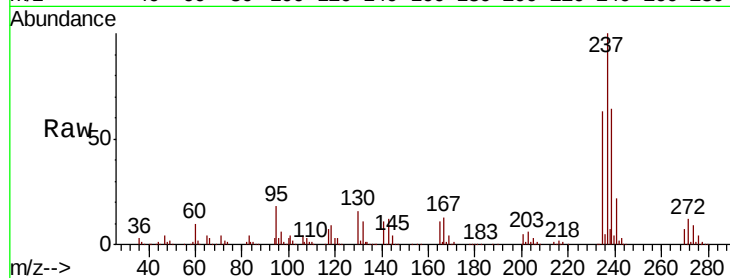
Tot Ion:237 Resp: 284819

Ion Ratio Lower Upper

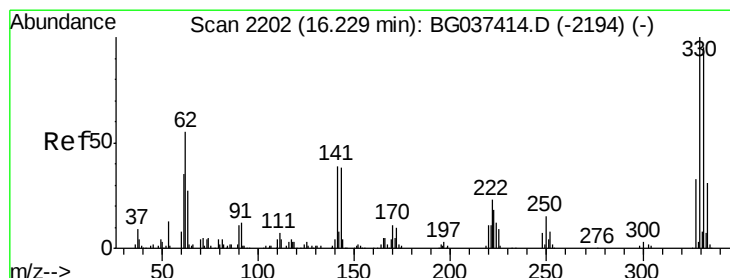
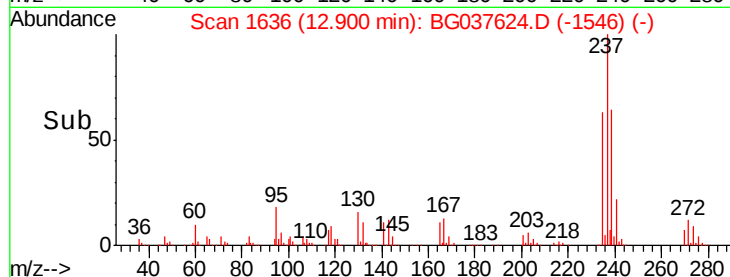
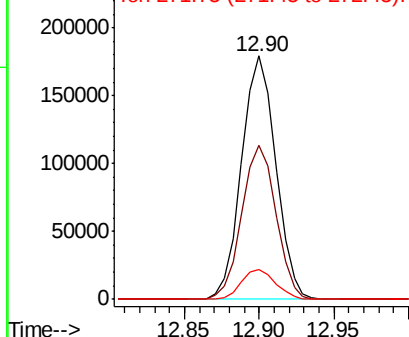
237 100

235 63.3 42.5 82.5

272 12.4 0.0 31.6



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: 114.508 ng

RT: 16.23 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BG037624.D

Acq: 29 Oct 2018 15:49

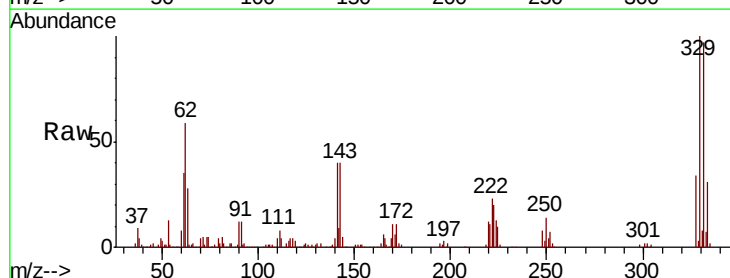
Tgt Ion:330 Resp: 231827

Ion Ratio Lower Upper

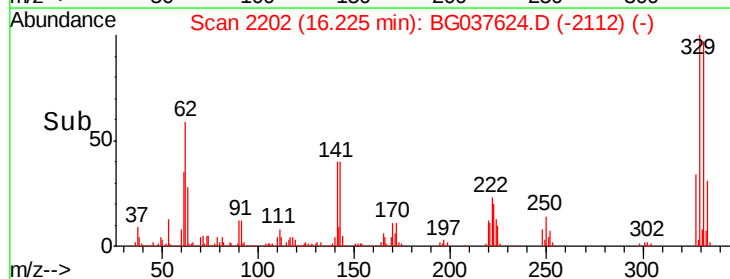
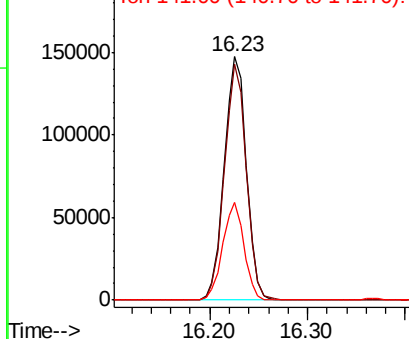
330 100

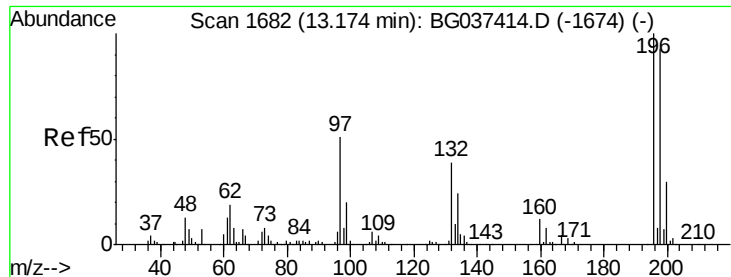
332 95.3 78.4 117.6

141 39.1 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

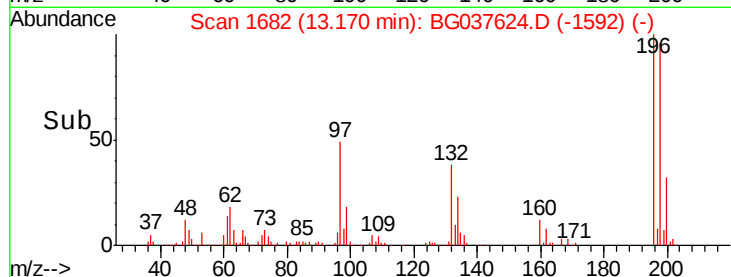
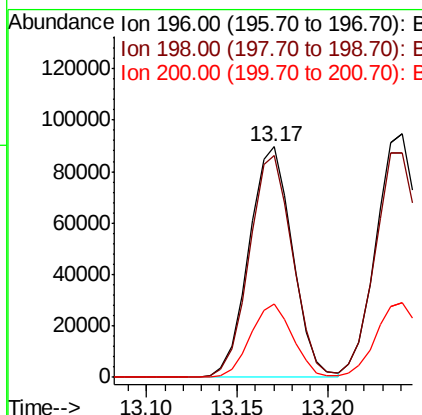
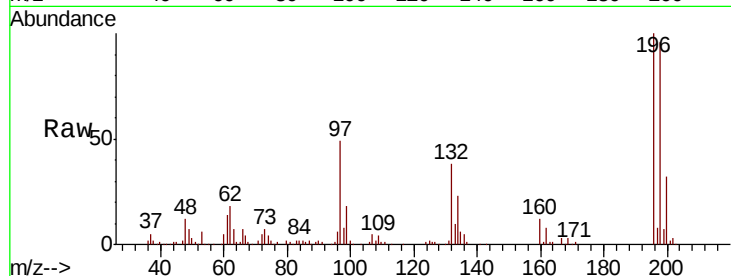




#43
 2,4,6-Trichlorophenol
 Concen: 37.290 ng
 RT: 13.17 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BG037624.D
 Acq: 29 Oct 2018 15:49

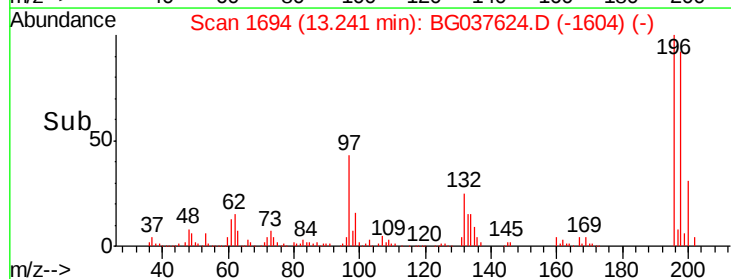
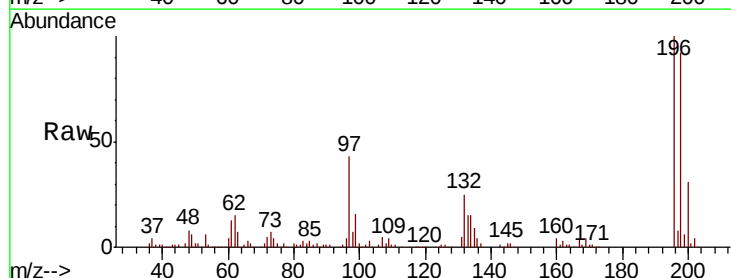
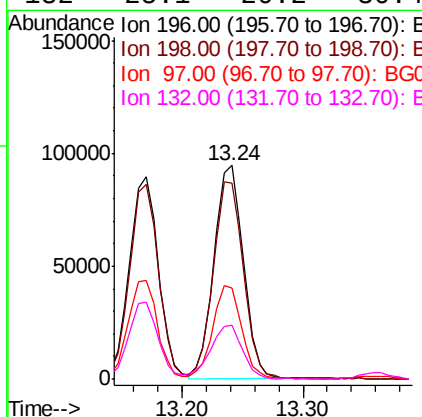
Instrument :
 BNA_G
 ClientSampleId :
 DL-SW-01MSD

Tot Ion:196 Resp: 149162
 Ion Ratio Lower Upper
 196 100
 198 96.0 76.4 114.6
 200 32.0 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 36.395 ng
 RT: 13.24 min Scan# 1694
 Delta R.T. -0.00 min
 Lab File: BG037624.D
 Acq: 29 Oct 2018 15:49

Tgt Ion:196 Resp: 158501
 Ion Ratio Lower Upper
 196 100
 198 91.9 74.2 111.2
 97 42.6 34.1 51.1
 132 25.1 20.2 30.4

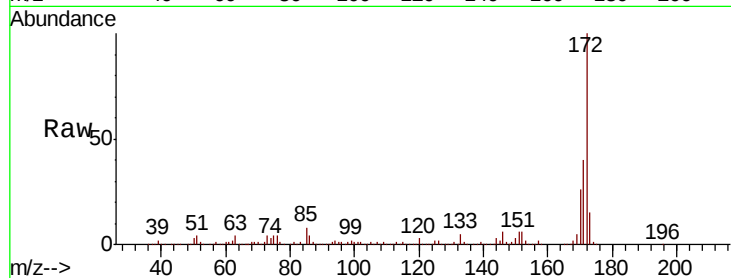




#45
 2-Fluorobiphenyl
 Concen: 79.602 ng
 RT: 13.36 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG037624.D
 Acq: 29 Oct 2018 15:49

Instrument :
 BNA_G
 ClientSampleId :
 DL-SW-01MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	40.2	31.0	46.4
170	25.8	20.2	30.2

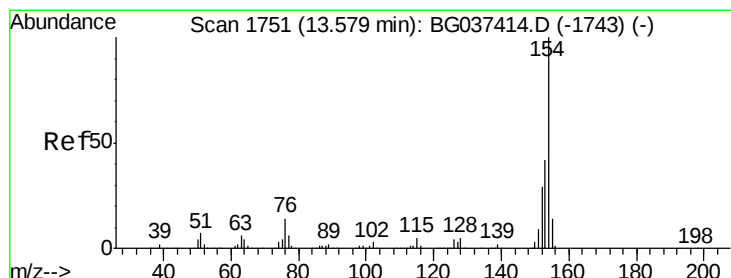
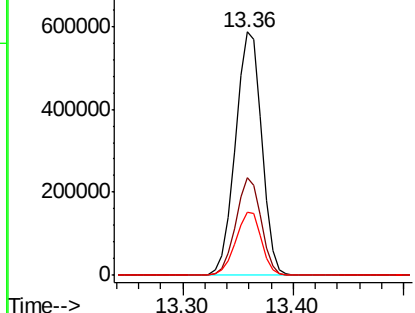
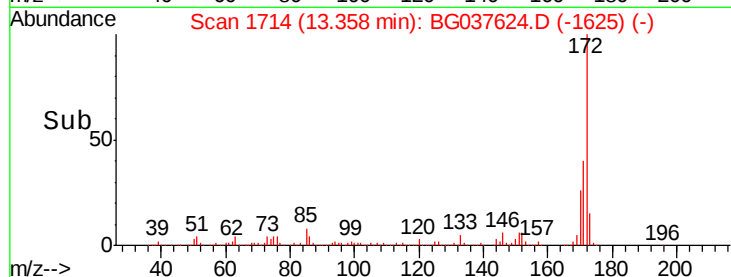


Abundance

Ion 172.00 (171.70 to 172.70): E

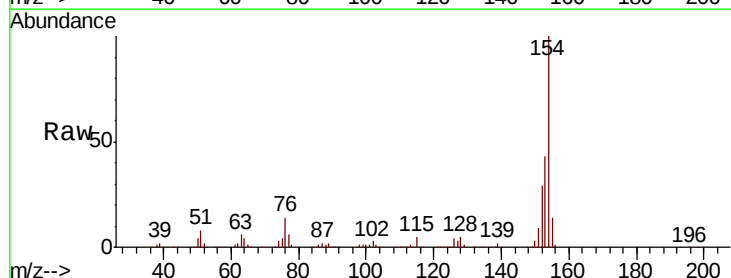
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
 1,1'-Biphenyl
 Concen: 42.255 ng
 RT: 13.57 min Scan# 1750
 Delta R.T. -0.01 min
 Lab File: BG037624.D
 Acq: 29 Oct 2018 15:49

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.0	22.1	62.1
76	14.2	0.0	33.2

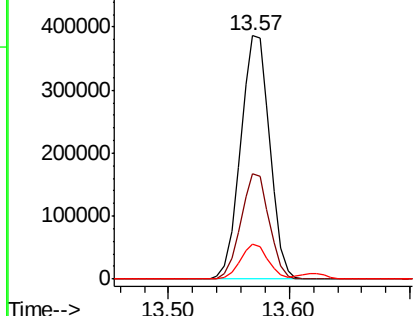
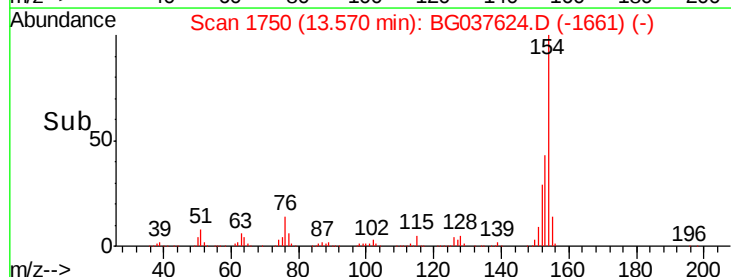


Abundance

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

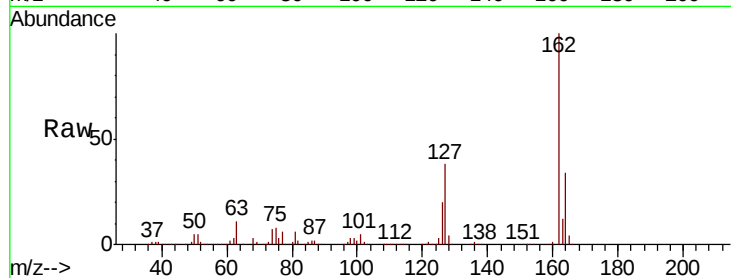




#47
 2-Chloronaphthalene
 Concen: 44.325 ng
 RT: 13.62 min Scan# 1759
 Delta R.T. -0.00 min
 Lab File: BG037624.D
 Acq: 29 Oct 2018 15:49

Instrument :
 BNA_G
 ClientSampleId :
 DL-SW-01MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.2	30.5	45.7
164	33.9	26.4	39.6

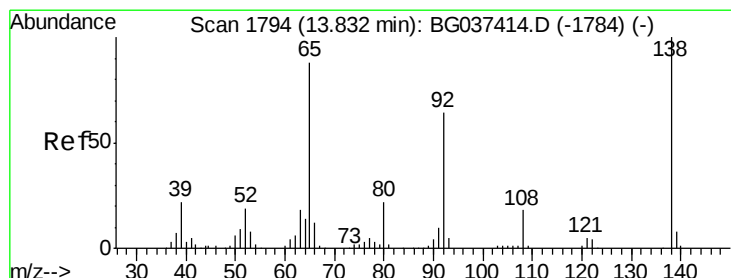
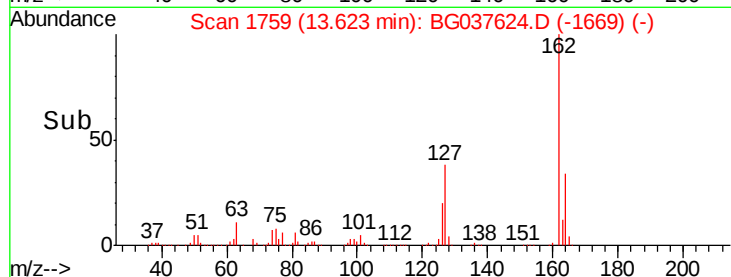
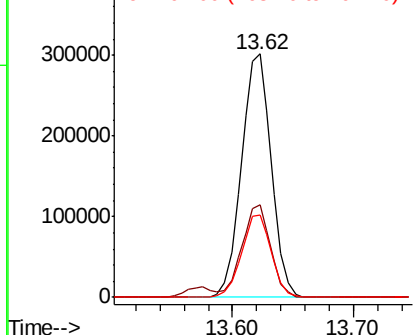


Abundance

Ion 162.00 (161.70 to 162.70): E

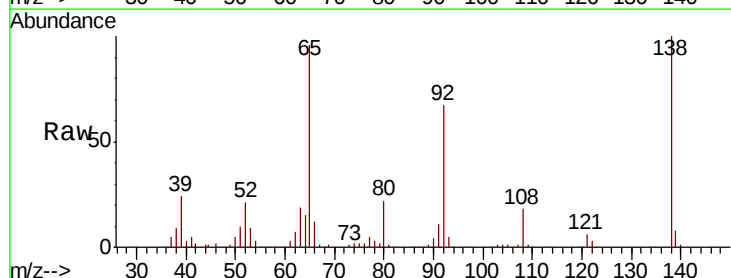
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 48.099 ng
 RT: 13.83 min Scan# 1794
 Delta R.T. -0.00 min
 Lab File: BG037624.D
 Acq: 29 Oct 2018 15:49

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.1	53.2	79.8
138	104.2	79.3	118.9

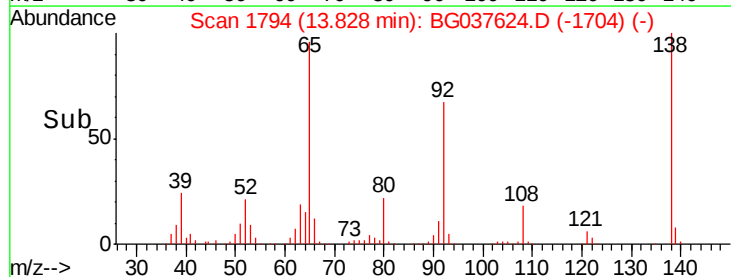
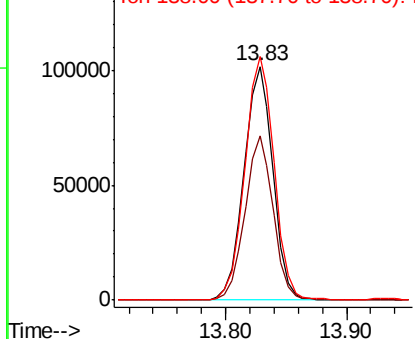


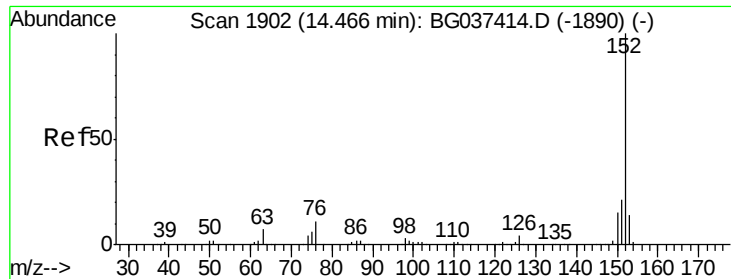
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 48.116 ng

RT: 14.46 min Scan# 1902

Delta R.T. -0.00 min

Lab File: BG037624.D

Acq: 29 Oct 2018 15:49

Instrument :

BNA_G

ClientSampleId :

DL-SW-01MSD

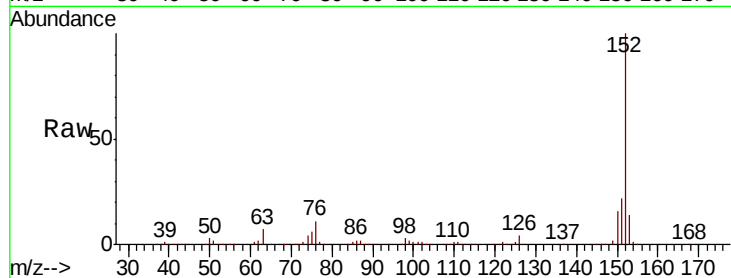
Tot Ion:152 Resp: 841783

Ion Ratio Lower Upper

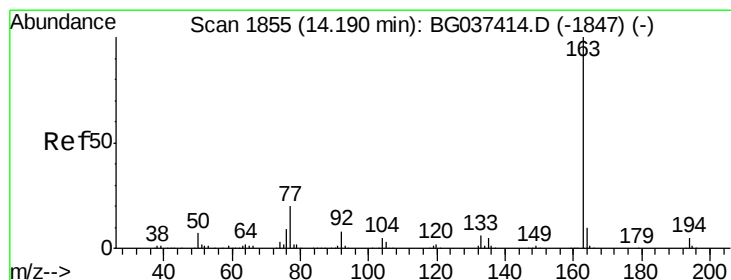
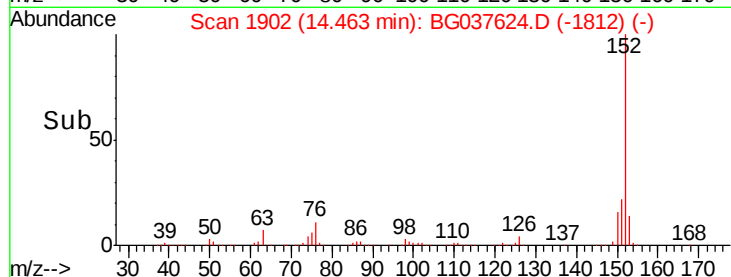
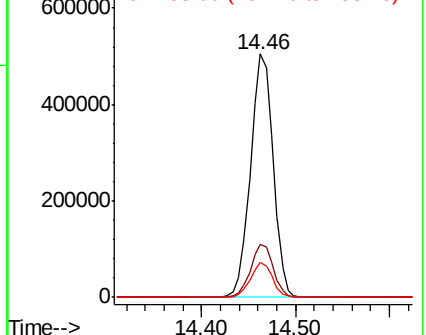
152 100

151 21.8 17.1 25.7

153 14.1 11.1 16.7



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: 46.974 ng

RT: 14.19 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BG037624.D

Acq: 29 Oct 2018 15:49

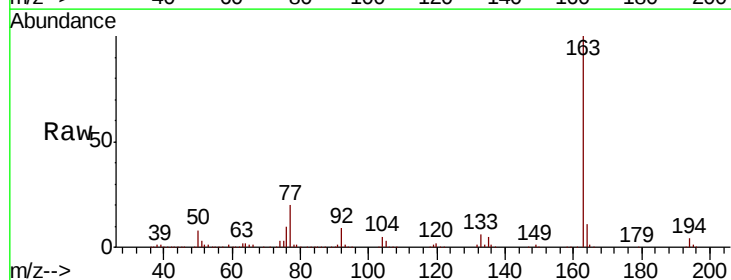
Tgt Ion:163 Resp: 674549

Ion Ratio Lower Upper

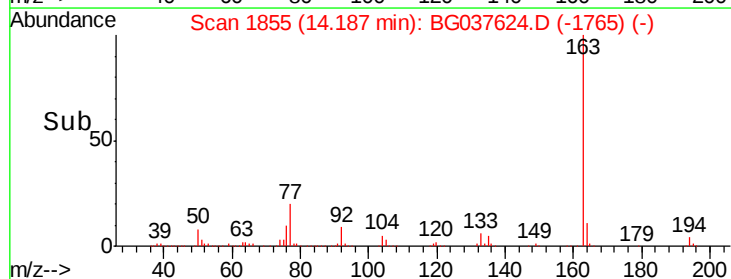
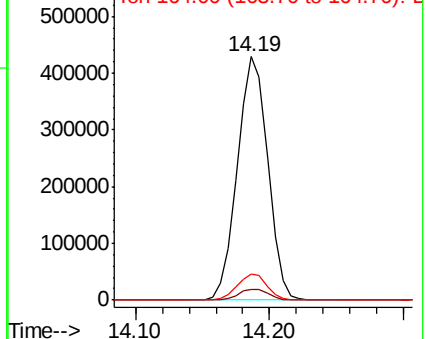
163 100

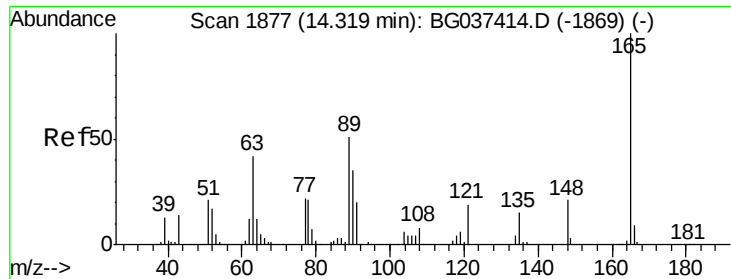
194 4.4 3.5 5.3

164 10.7 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: 47.679 ng

RT: 14.32 min Scan# 1877

Delta R.T. -0.00 min

Lab File: BG037624.D

Acq: 29 Oct 2018 15:49

Instrument :

BNA_G

ClientSampleId :

DL-SW-01MSD

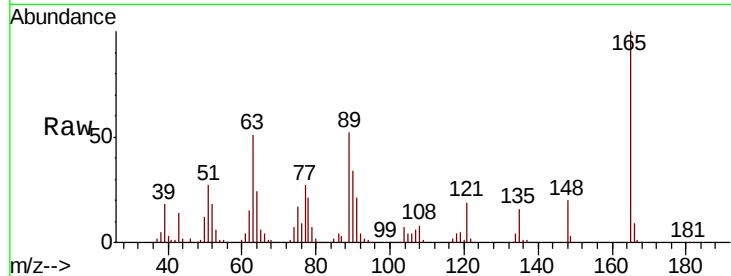
Tot Ion:165 Resp: 151463

Ion Ratio Lower Upper

165 100

63 51.5 43.4 65.2

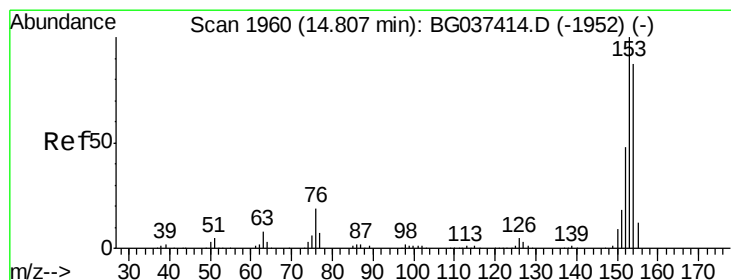
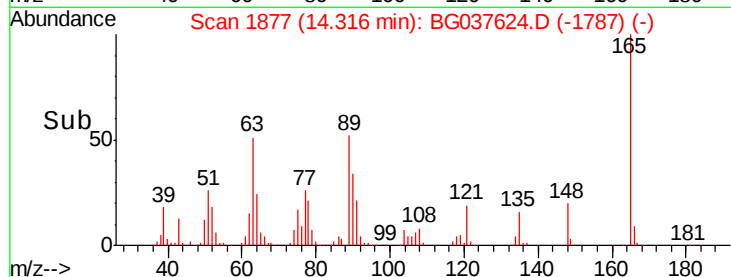
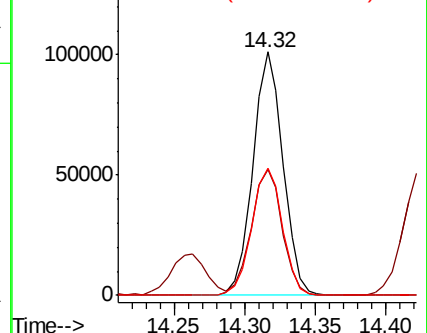
89 52.3 45.8 68.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 46.258 ng

RT: 14.80 min Scan# 1960

Delta R.T. -0.00 min

Lab File: BG037624.D

Acq: 29 Oct 2018 15:49

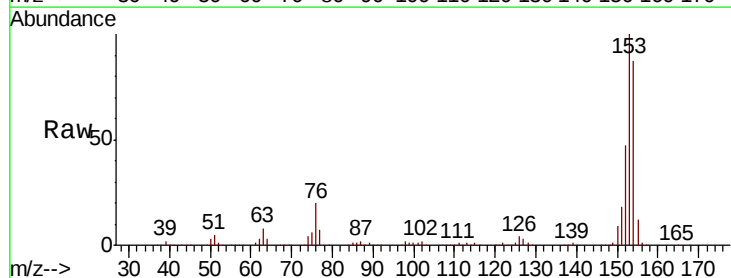
Tgt Ion:154 Resp: 498407

Ion Ratio Lower Upper

154 100

153 114.8 93.4 140.0

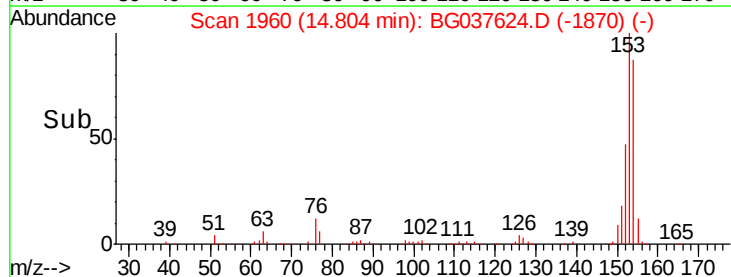
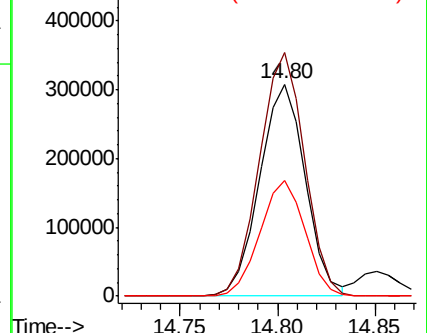
152 54.2 44.7 67.1

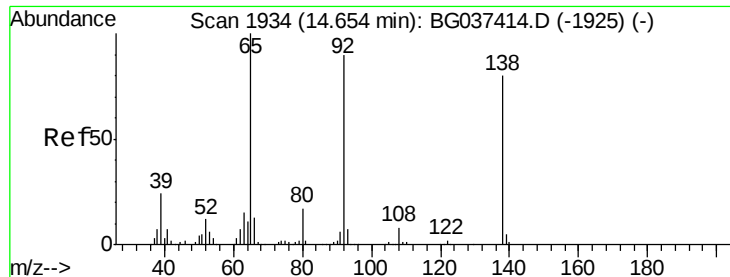


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

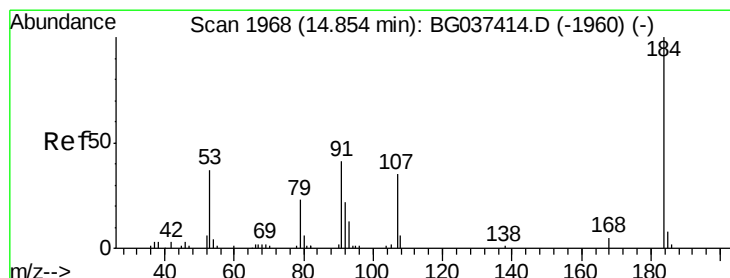
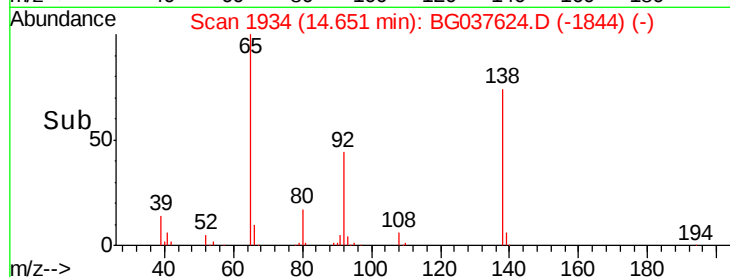
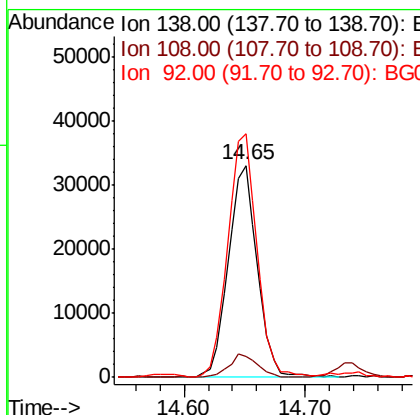
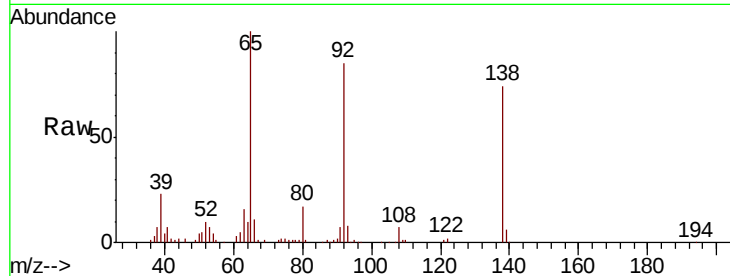




#53
3-Nitroaniline
Concen: 15.637 ng
RT: 14.65 min Scan# 1934
Delta R.T. -0.00 min
Lab File: BG037624.D
Acq: 29 Oct 2018 15:49

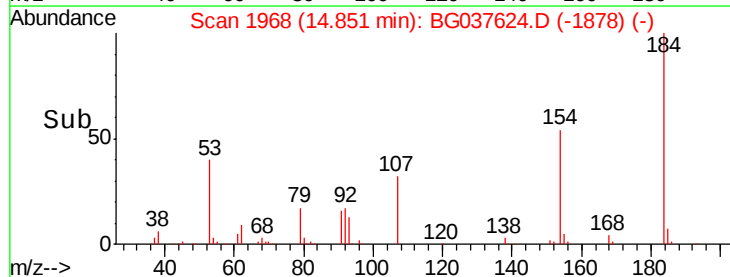
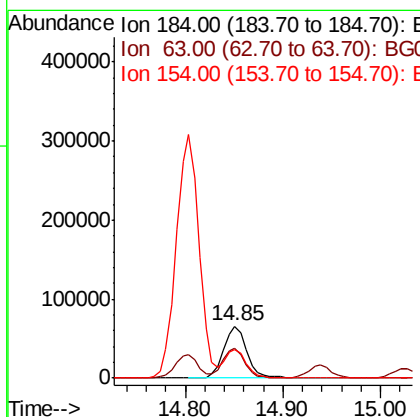
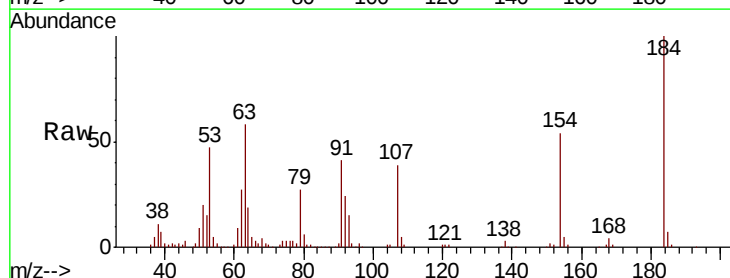
Instrument :
BNA_G
ClientSampleId :
DL-SW-01MSD

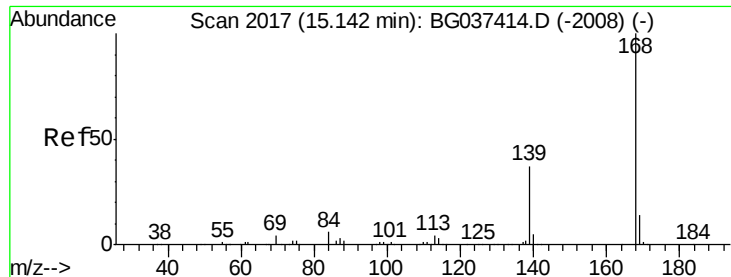
Tot Ion:138 Resp: 55146
Ion Ratio Lower Upper
138 100
108 9.9 11.0 16.6#
92 114.8 95.2 142.8



#54
2,4-Dinitrophenol
Concen: 78.029 ng
RT: 14.85 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BG037624.D
Acq: 29 Oct 2018 15:49

Tgt Ion:184 Resp: 108228
Ion Ratio Lower Upper
184 100
63 57.7 42.6 63.8
154 54.3 41.8 62.6

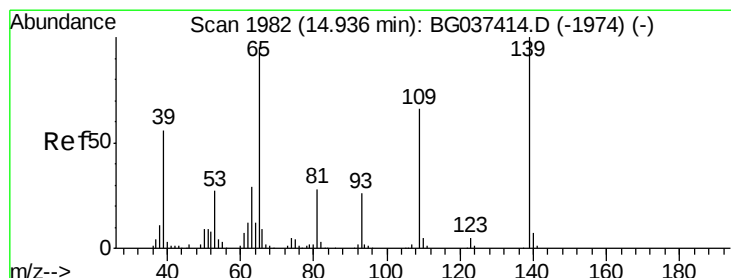
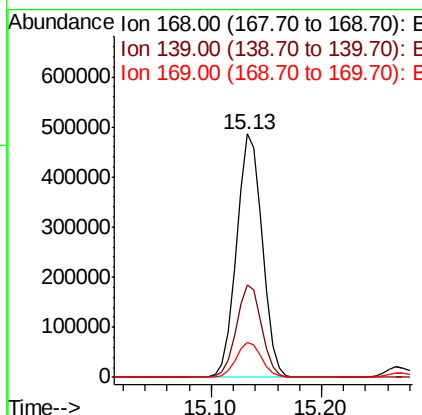
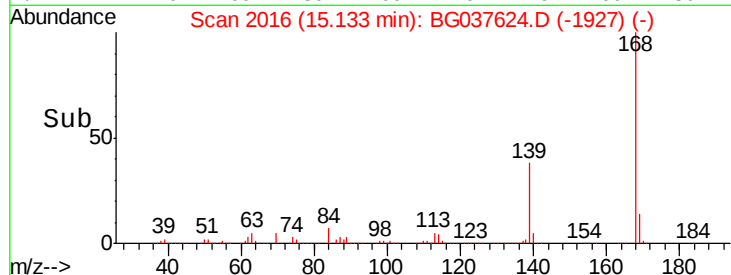
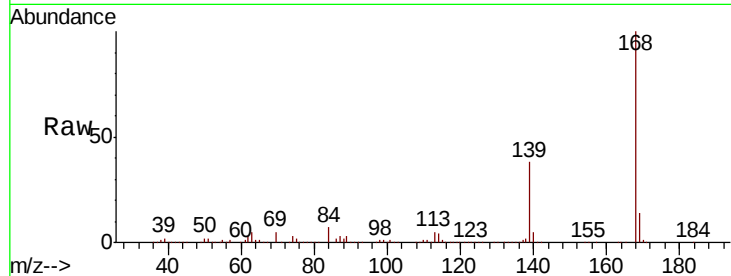




#55
Dibenzofuran
Concen: 44.358 ng
RT: 15.13 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BG037624.D
Acq: 29 Oct 2018 15:49

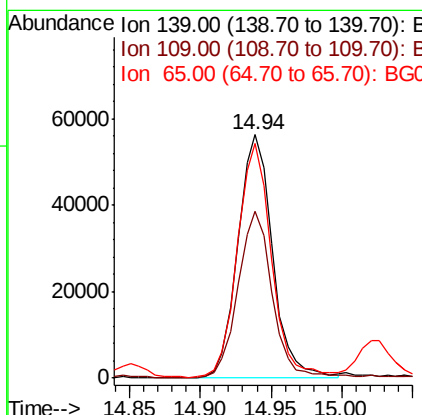
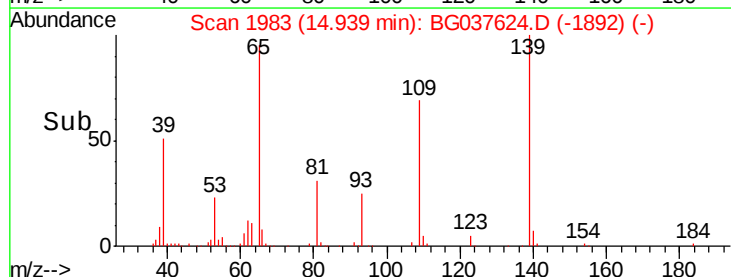
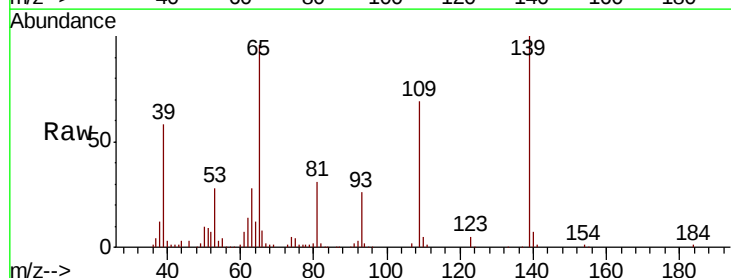
Instrument :
BNA_G
ClientSampleId :
DL-SW-01MSD

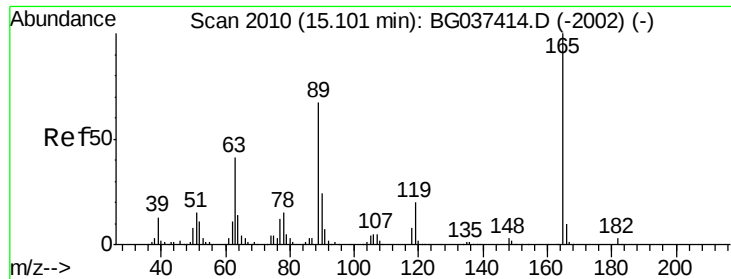
Tot Ion:168 Resp: 791857
Ion Ratio Lower Upper
168 100
139 37.8 29.4 44.0
169 14.4 11.0 16.6



#56
4-Nitrophenol
Concen: 37.120 ng
RT: 14.94 min Scan# 1983
Delta R.T. 0.00 min
Lab File: BG037624.D
Acq: 29 Oct 2018 15:49

Tgt Ion:139 Resp: 96897
Ion Ratio Lower Upper
139 100
109 68.8 49.5 89.5
65 96.3 76.8 116.8

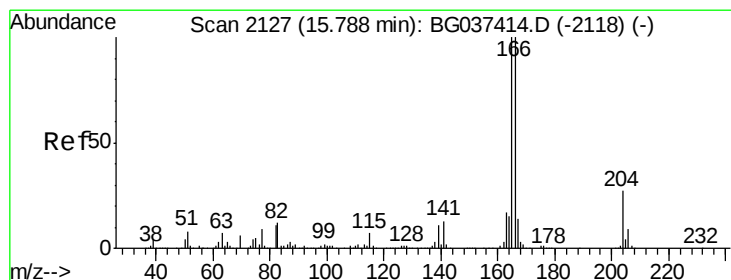
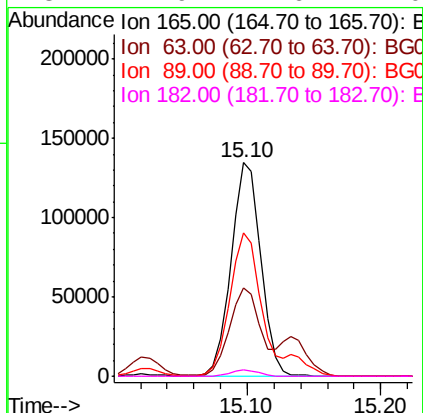
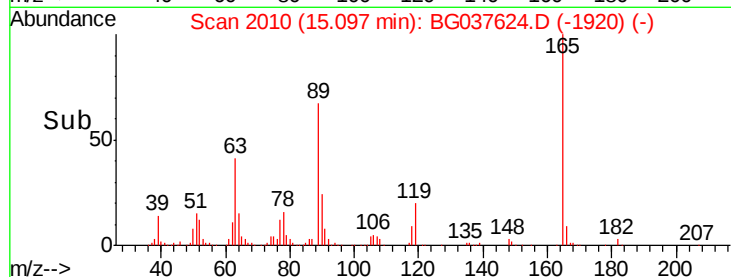
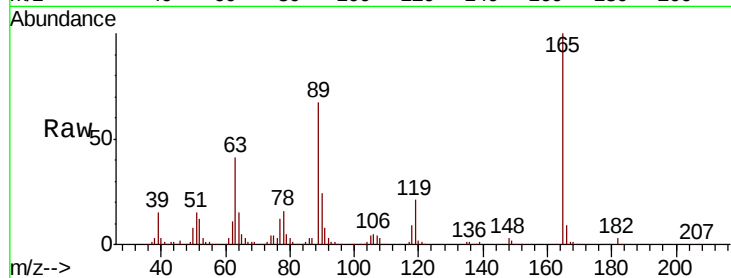




#57
2,4-Dinitrotoluene
Concen: 50.031 ng
RT: 15.10 min Scan# 210
Delta R.T. -0.00 min
Lab File: BG037624.D
Acq: 29 Oct 2018 15:49

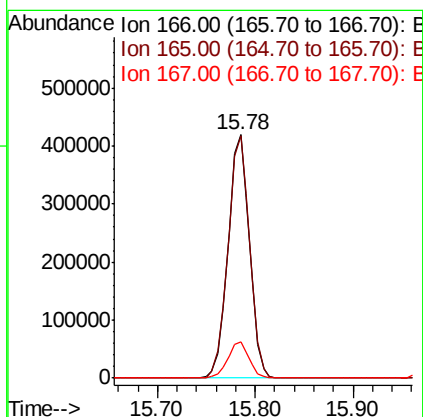
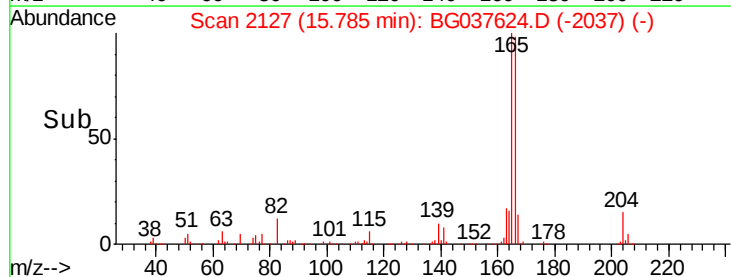
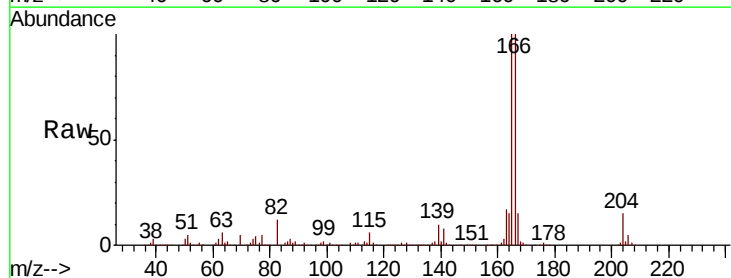
Instrument :
BNA_G
ClientSampleId :
DL-SW-01MSD

Tot Ion:165 Resp: 208626
Ion Ratio Lower Upper
165 100
63 41.1 33.4 50.0
89 67.1 57.2 85.8
182 2.9 2.6 4.0



#58
Fluorene
Concen: 47.412 ng
RT: 15.78 min Scan# 2127
Delta R.T. -0.00 min
Lab File: BG037624.D
Acq: 29 Oct 2018 15:49

Tgt Ion:166 Resp: 633801
Ion Ratio Lower Upper
166 100
165 99.7 79.0 118.6
167 14.9 11.3 16.9

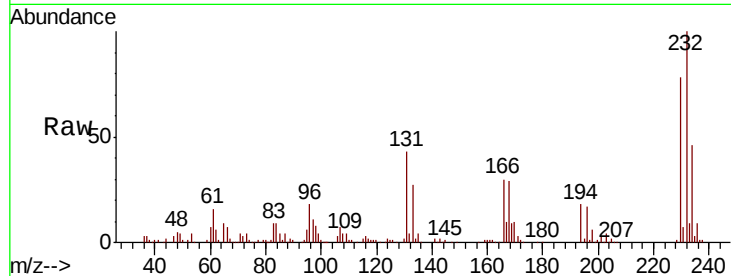




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.685 ng
 RT: 15.36 min Scan# 2054
 Delta R.T. -0.00 min
 Lab File: BG037624.D
 Acq: 29 Oct 2018 15:49

Instrument :
 BNA_G
 ClientSampleId :
 DL-SW-01MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.0	33.7	50.5
130	2.5	2.1	3.1
166	31.4	24.6	36.8



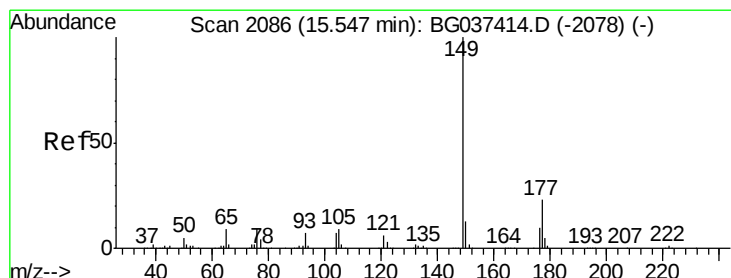
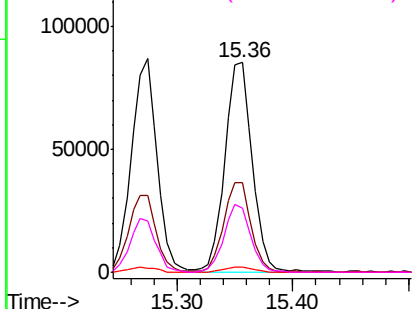
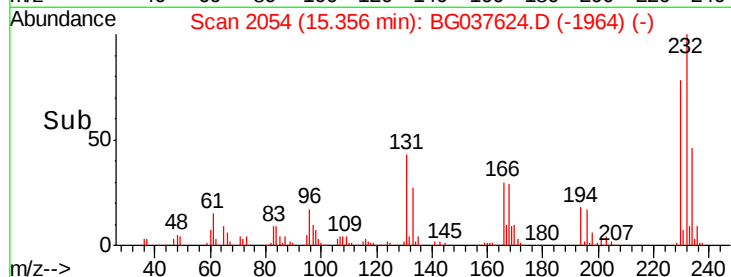
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

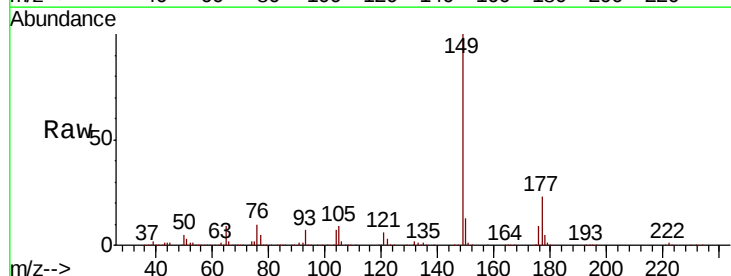
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 45.894 ng
 RT: 15.54 min Scan# 2085
 Delta R.T. -0.01 min
 Lab File: BG037624.D
 Acq: 29 Oct 2018 15:49

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.7	18.3	27.5
150	12.8	10.0	15.0

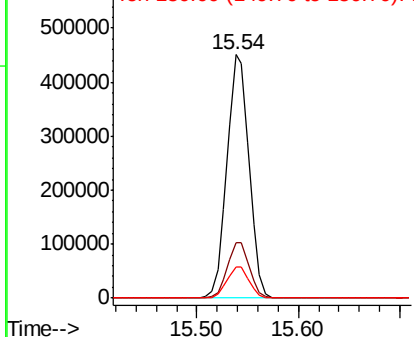
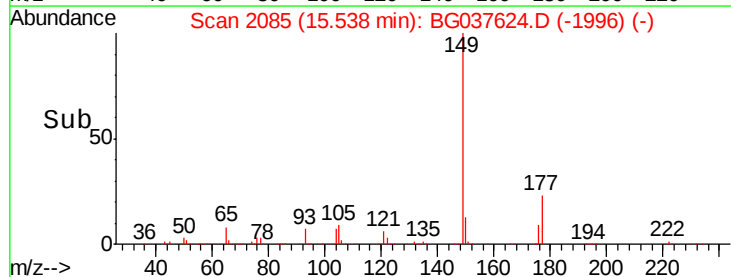


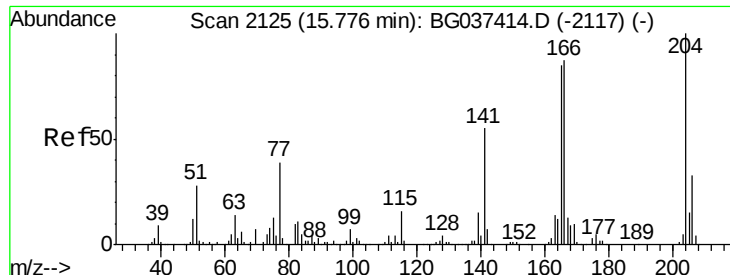
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

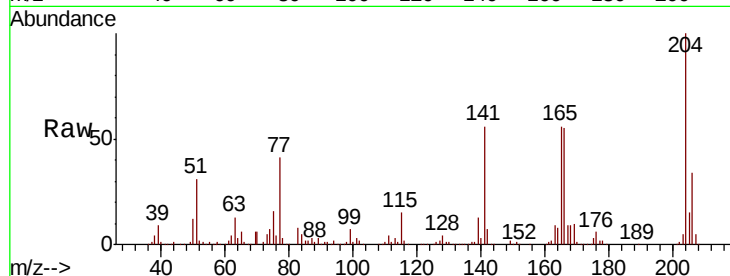




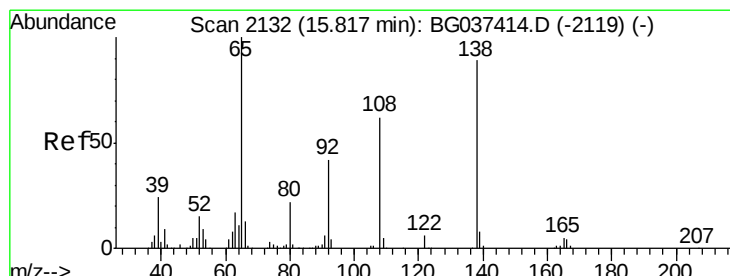
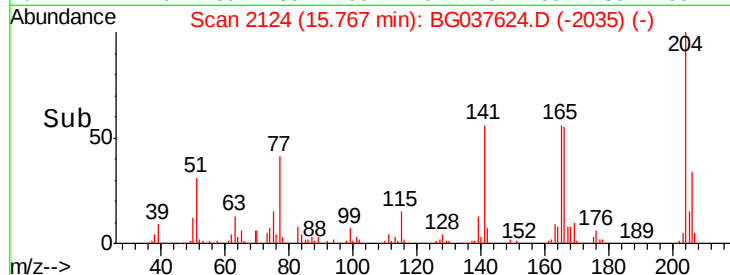
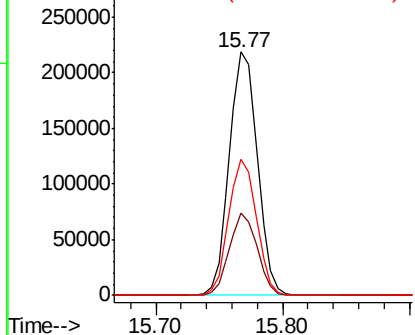
#61
 4-Chlorophenyl-phenylether
 Concen: 42.907 ng
 RT: 15.77 min Scan# 2124
 Delta R.T. -0.01 min
 Lab File: BG037624.D
 Acq: 29 Oct 2018 15:49

Instrument :
 BNA_G
 ClientSampleId :
 DL-SW-01MSD

Tot Ion:204 Resp: 334321
 Ion Ratio Lower Upper
 204 100
 206 34.0 26.6 39.8
 141 55.8 45.4 68.2

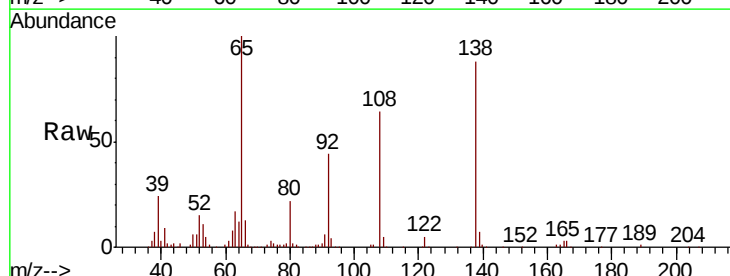


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

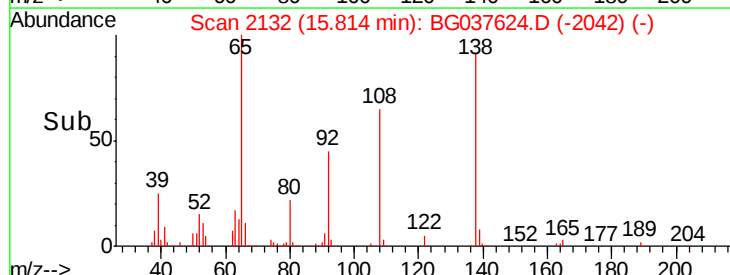
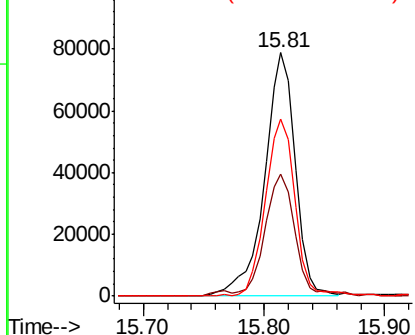


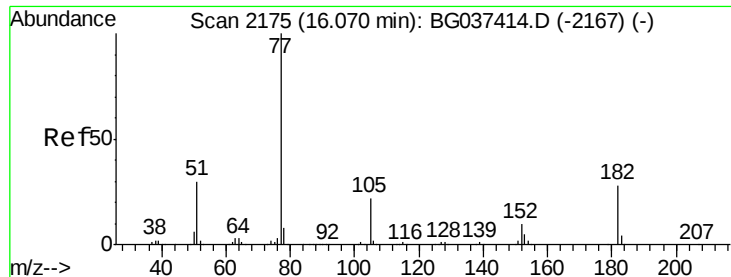
#62
 4-Nitroaniline
 Concen: 39.348 ng
 RT: 15.81 min Scan# 2132
 Delta R.T. -0.00 min
 Lab File: BG037624.D
 Acq: 29 Oct 2018 15:49

Tgt Ion:138 Resp: 137887
 Ion Ratio Lower Upper
 138 100
 92 49.9 36.4 76.4
 108 72.6 60.1 100.1



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

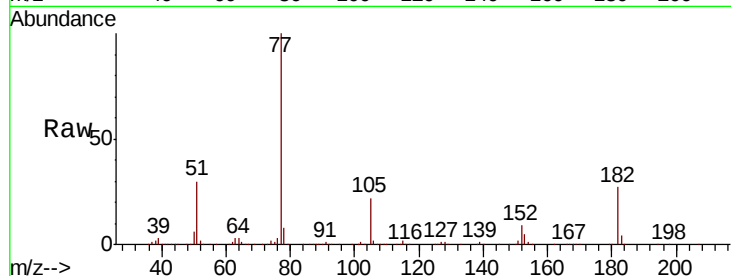




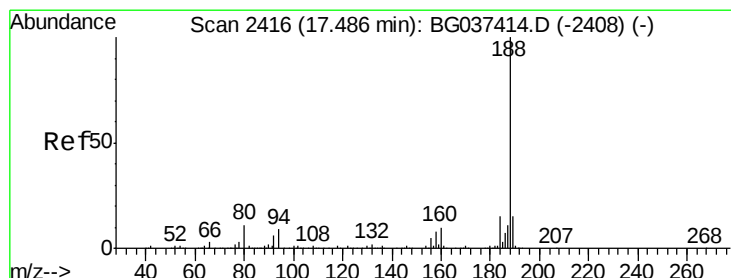
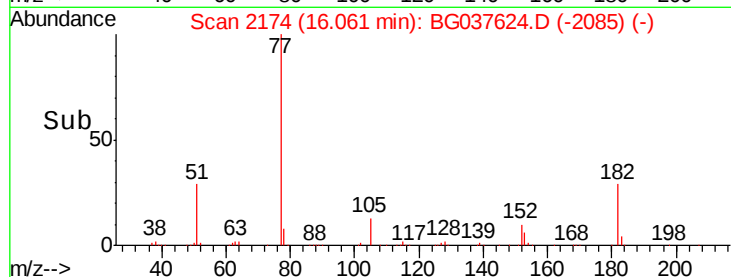
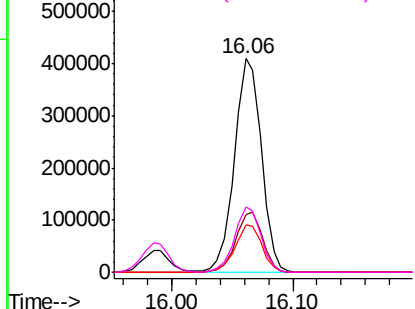
#63
Azobenzene
Concen: 45.312 ng
RT: 16.06 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BG037624.D
Acq: 29 Oct 2018 15:49

Instrument :
BNA_G
ClientSampleId :
DL-SW-01MSD

Tot Ion: 77 Resp: 637364
Ion Ratio Lower Upper
77 100
182 27.2 8.0 48.0
105 22.0 1.3 41.3
51 30.4 10.7 50.7

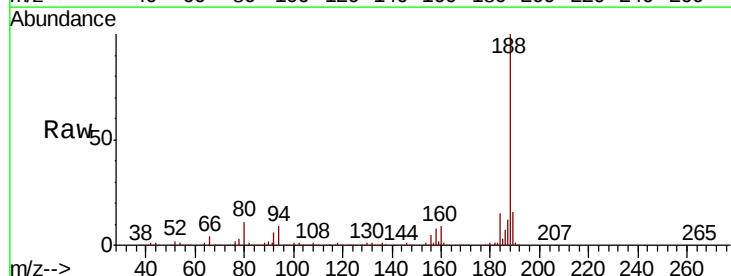


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

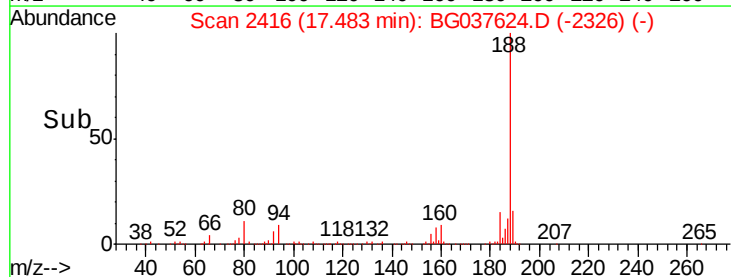
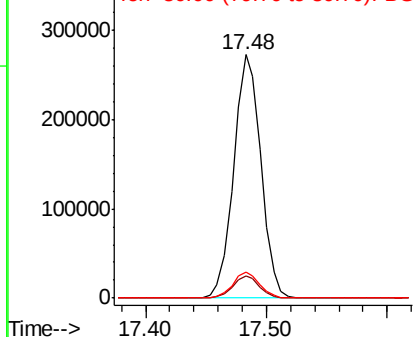


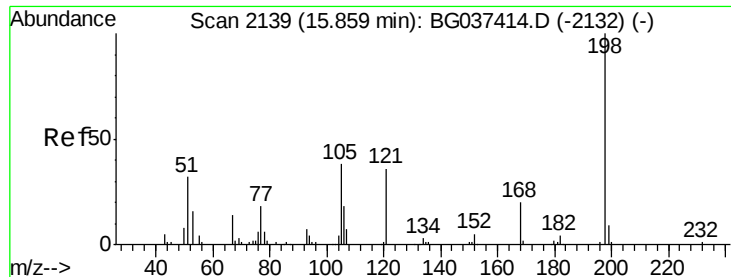
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037624.D
Acq: 29 Oct 2018 15:49

Tgt Ion: 188 Resp: 425850
Ion Ratio Lower Upper
188 100
94 9.1 7.2 10.8
80 10.7 7.7 11.5



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





#65

4,6-Dinitro-2-methylphenol

Concen: 39.549 ng

RT: 15.86 min Scan# 2139

Delta R.T. -0.00 min

Lab File: BG037624.D

Acq: 29 Oct 2018 15:49

Instrument :

BNA_G

ClientSampleId :

DL-SW-01MSD

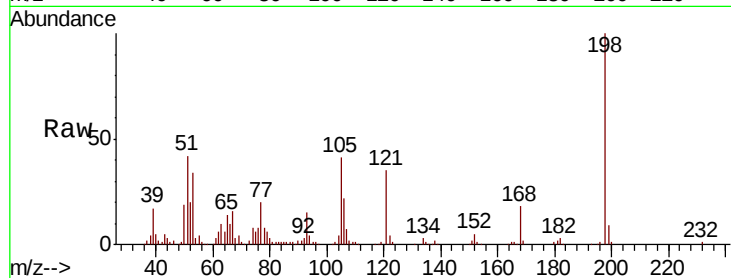
Tot Ion:198 Resp: 84312

Ion Ratio Lower Upper

198 100

51 42.1 22.7 62.7

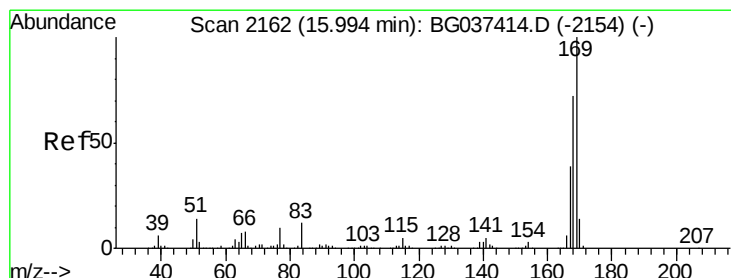
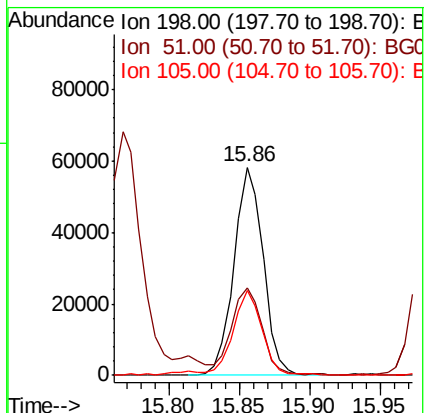
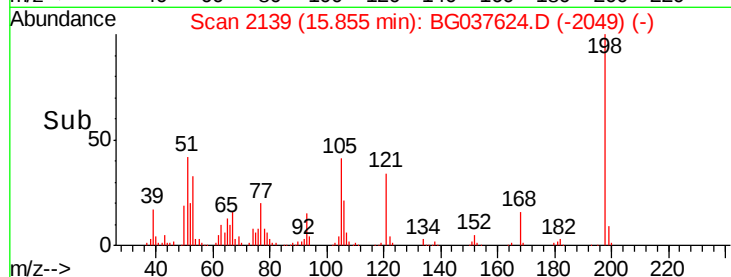
105 40.8 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 45.629 ng

RT: 15.99 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BG037624.D

Acq: 29 Oct 2018 15:49

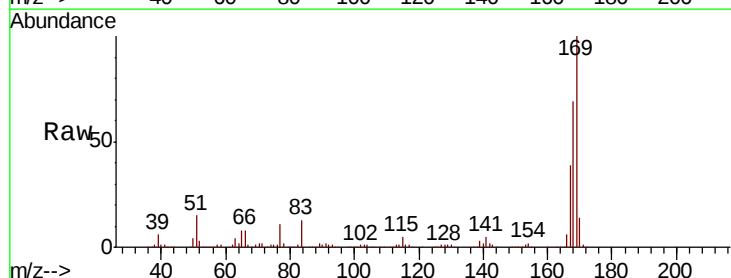
Tgt Ion:169 Resp: 584490

Ion Ratio Lower Upper

169 100

168 69.4 55.7 83.5

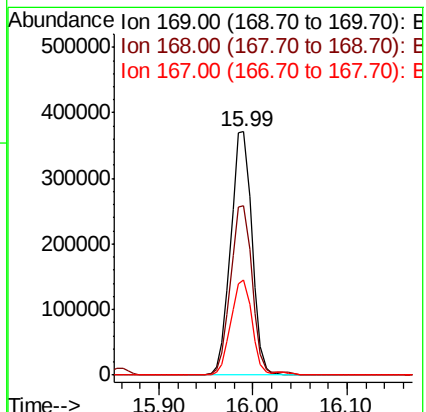
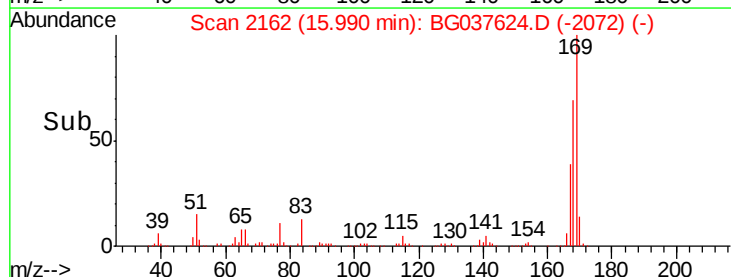
167 39.3 31.3 46.9

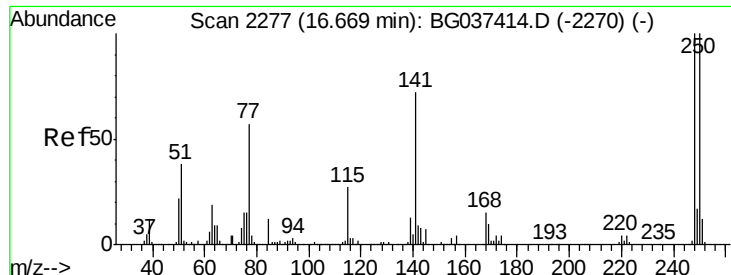


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

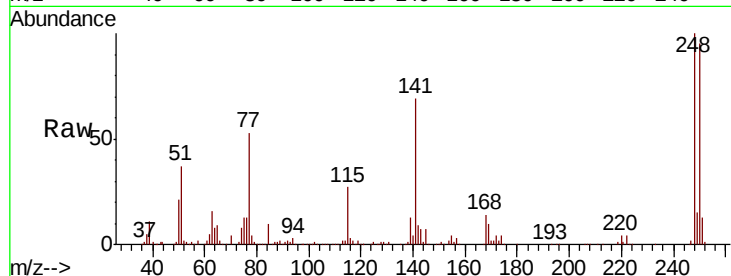




#67
4-Bromophenyl-phenylether
Concen: 45.419 ng
RT: 16.67 min Scan# 2277
Delta R.T. -0.00 min
Lab File: BG037624.D
Acq: 29 Oct 2018 15:49

Instrument :
BNA_G
ClientSampleId :
DL-SW-01MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.6	77.0	115.6
141	68.8	55.5	83.3

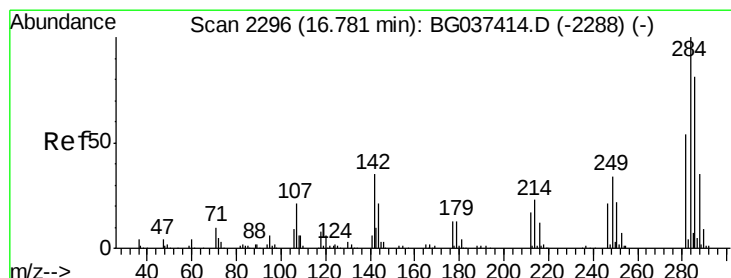
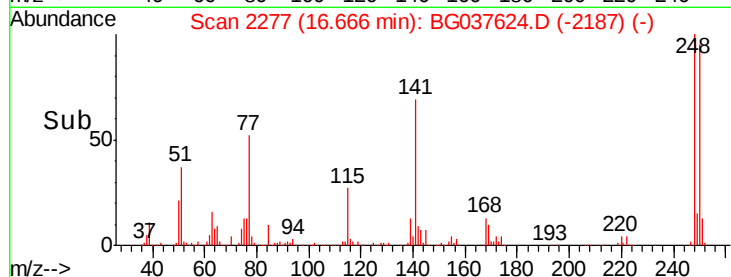
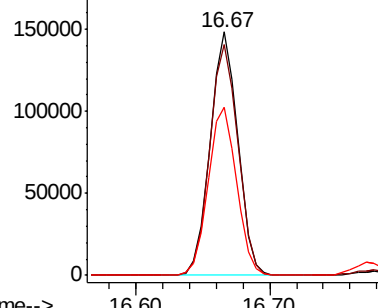


Abundance

Ion 248.00 (247.70 to 248.70): E

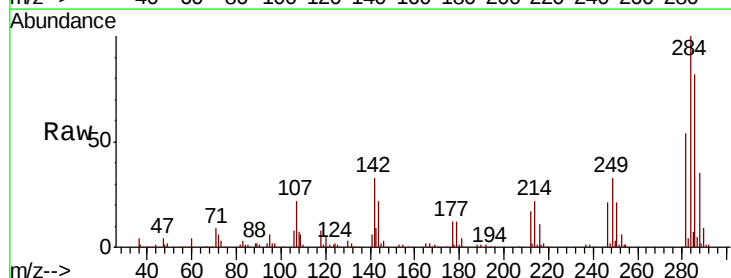
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 43.453 ng
RT: 16.78 min Scan# 2296
Delta R.T. -0.00 min
Lab File: BG037624.D
Acq: 29 Oct 2018 15:49

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.0	28.1	42.1
249	35.9	29.8	44.8

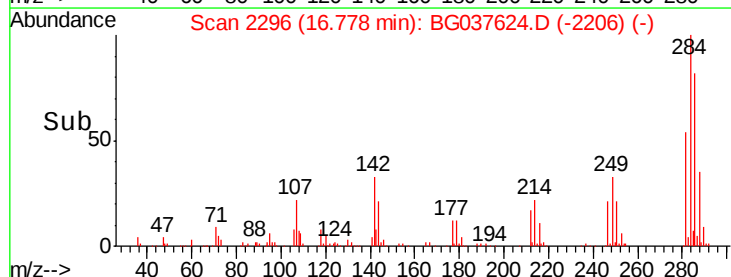
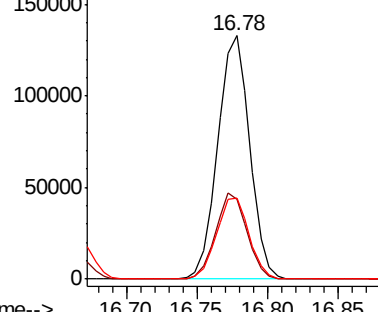


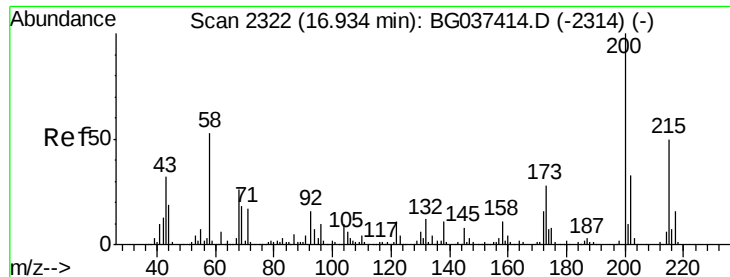
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

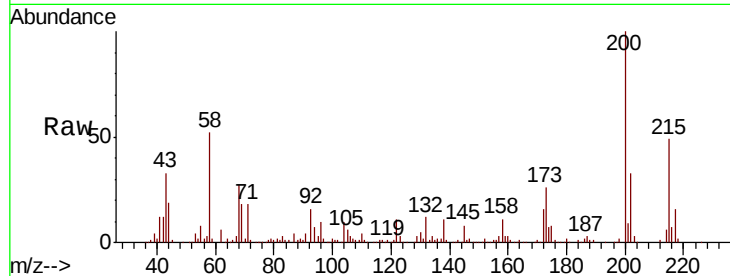




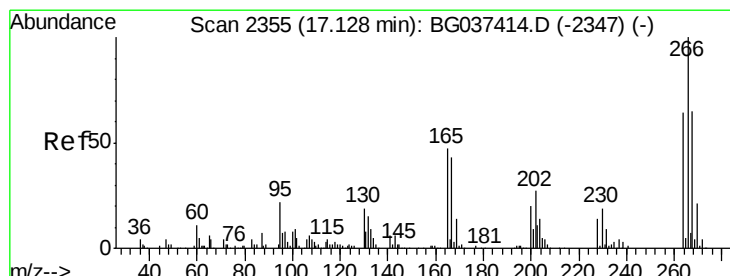
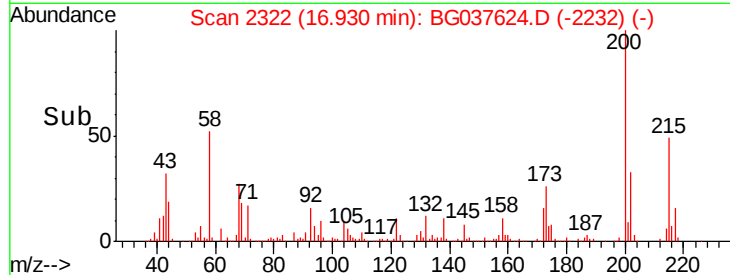
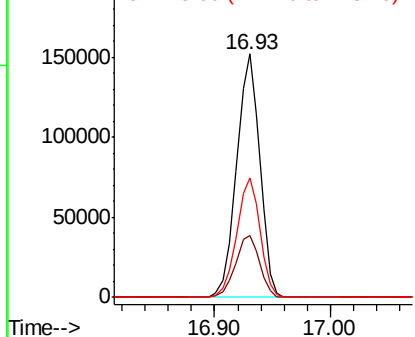
#69
Atrazine
Concen: 45.459 ng
RT: 16.93 min Scan# 2322
Delta R.T. -0.00 min
Lab File: BG037624.D
Acq: 29 Oct 2018 15:49

Instrument :
BNA_G
ClientSampleId :
DL-SW-01MSD

Tot Ion:200 Resp: 210539
Ion Ratio Lower Upper
200 100
173 25.5 6.1 46.1
215 49.0 30.8 70.8

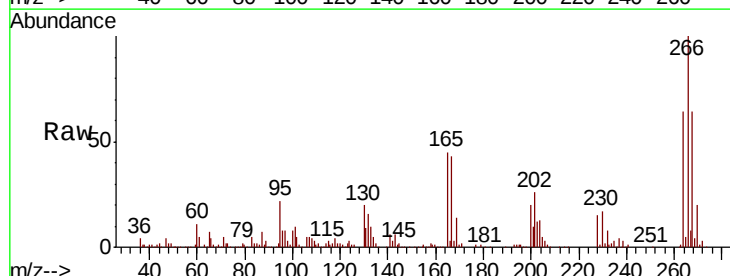


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

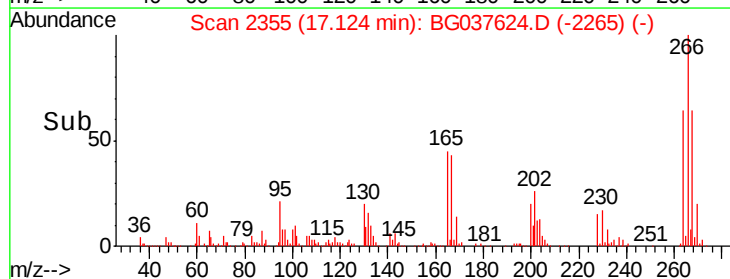
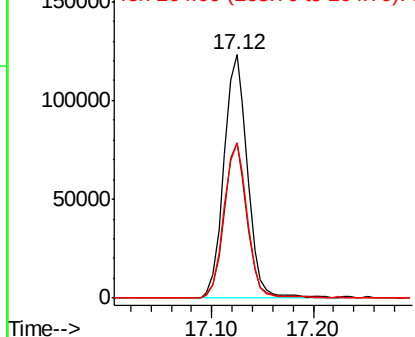


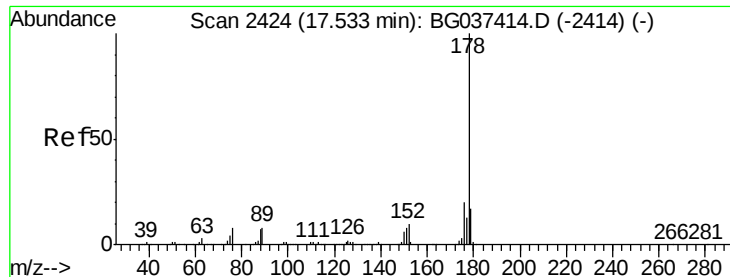
#70
Pentachlorophenol
Concen: 60.974 ng
RT: 17.12 min Scan# 2355
Delta R.T. -0.00 min
Lab File: BG037624.D
Acq: 29 Oct 2018 15:49

Tgt Ion:266 Resp: 197956
Ion Ratio Lower Upper
266 100
268 68.0 55.0 82.6
264 68.8 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

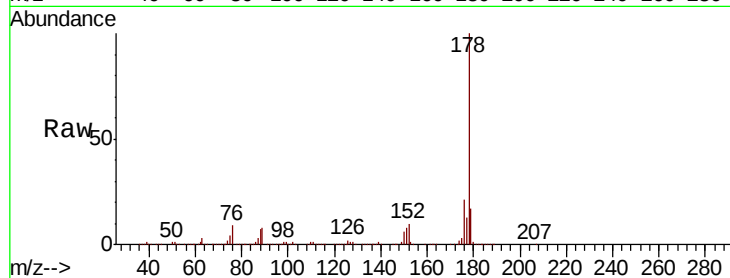




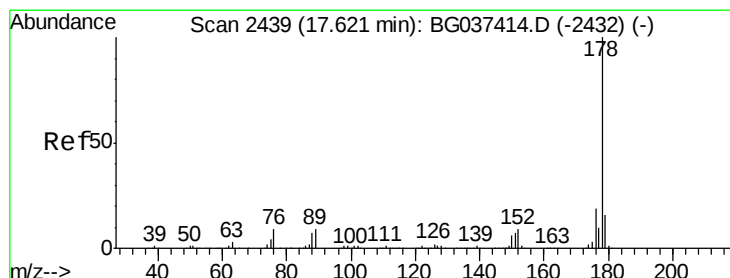
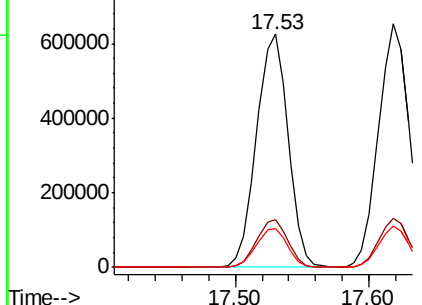
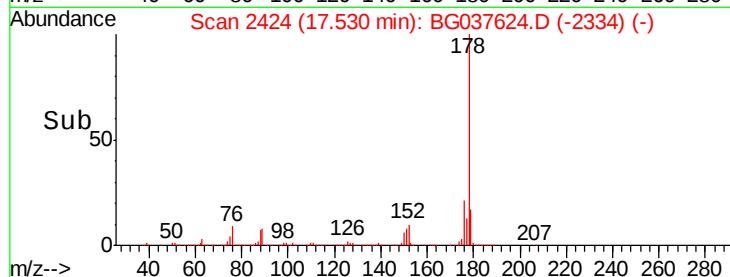
#71
Phenanthrene
Concen: 47.149 ng
RT: 17.53 min Scan# 2424
Delta R.T. -0.00 min
Lab File: BG037624.D
Acq: 29 Oct 2018 15:49

Instrument :
BNA_G
ClientSampleId :
DL-SW-01MSD

Tot Ion:178 Resp: 1020438
Ion Ratio Lower Upper
178 100
176 20.5 16.1 24.1
179 16.8 13.0 19.4

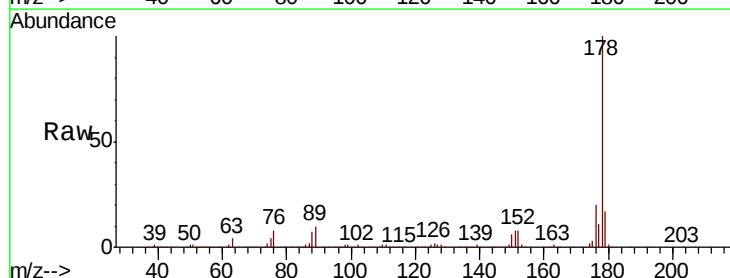


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

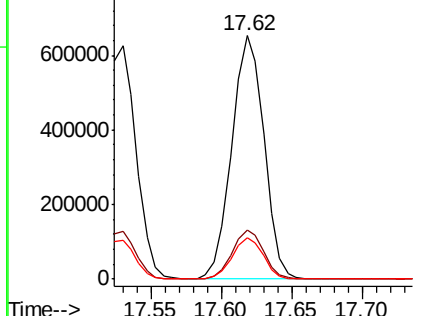
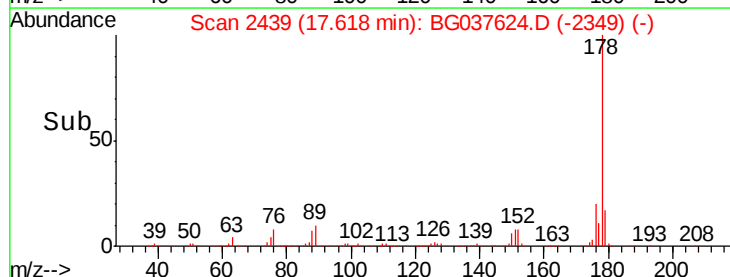


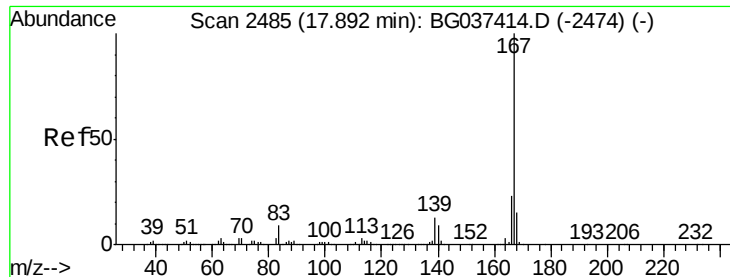
#72
Anthracene
Concen: 48.709 ng
RT: 17.62 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG037624.D
Acq: 29 Oct 2018 15:49

Tgt Ion:178 Resp: 1034552
Ion Ratio Lower Upper
178 100
176 20.3 15.0 22.4
179 17.2 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

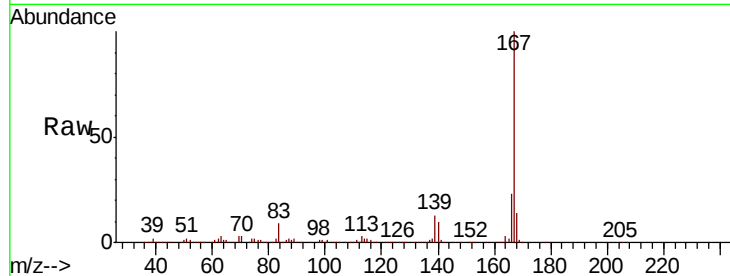




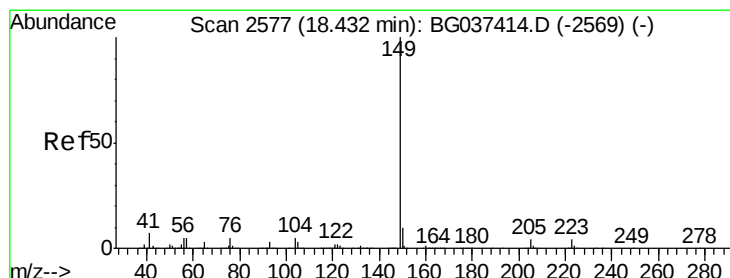
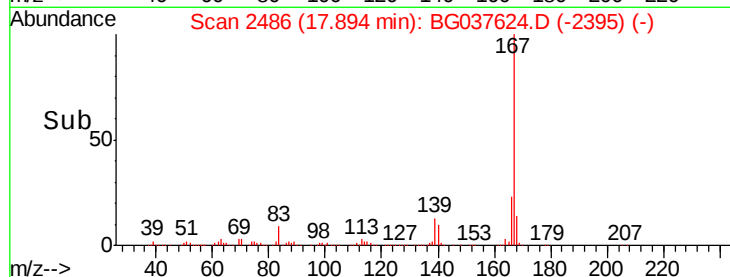
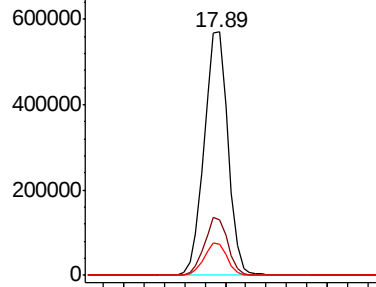
#73
 Carbazole
 Concen: 43.758 ng
 RT: 17.89 min Scan# 2486
 Delta R.T. 0.00 min
 Lab File: BG037624.D
 Acq: 29 Oct 2018 15:49

Instrument :
 BNA_G
 ClientSampleId :
 DL-SW-01MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.0	18.3	27.5
139	12.6	10.5	15.7

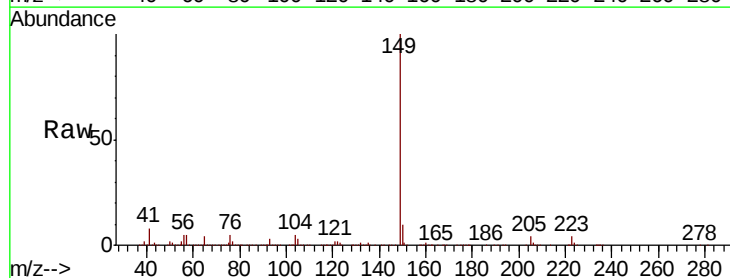


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

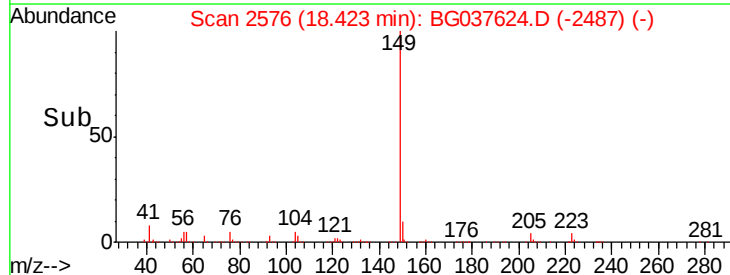
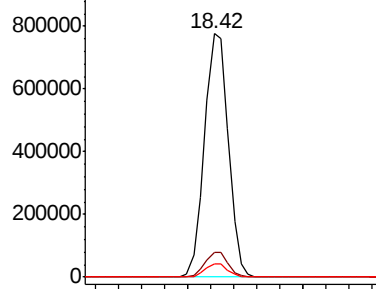


#74
 Di-n-butylphthalate
 Concen: 47.026 ng
 RT: 18.42 min Scan# 2576
 Delta R.T. -0.01 min
 Lab File: BG037624.D
 Acq: 29 Oct 2018 15:49

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.2	8.2	12.2
104	5.4	4.0	6.0



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 46.990 ng

RT: 19.53 min Scan# 2765

Delta R.T. -0.00 min

Lab File: BG037624.D

Acq: 29 Oct 2018 15:49

Instrument :

BNA_G

ClientSampleId :

DL-SW-01MSD

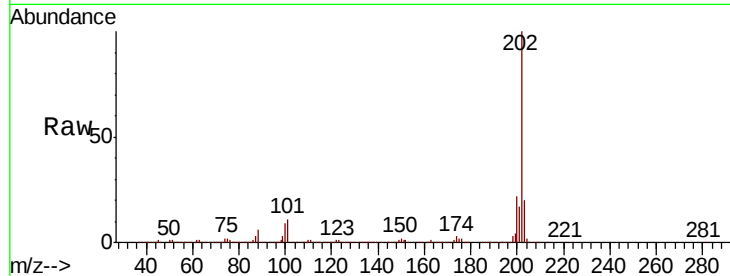
Tot Ion:202 Resp: 1153482

Ion Ratio Lower Upper

202 100

101 11.2 0.0 30.7

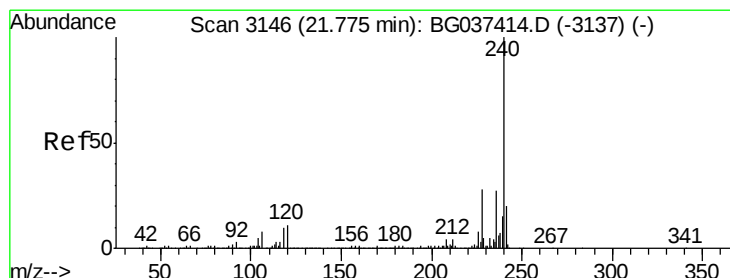
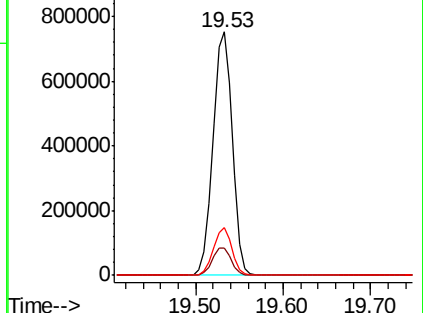
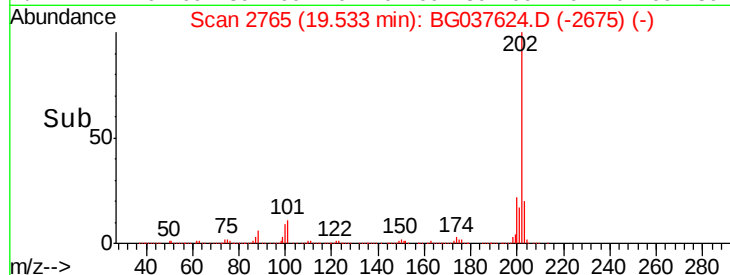
203 19.8 0.0 38.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG037624.D

Acq: 29 Oct 2018 15:49

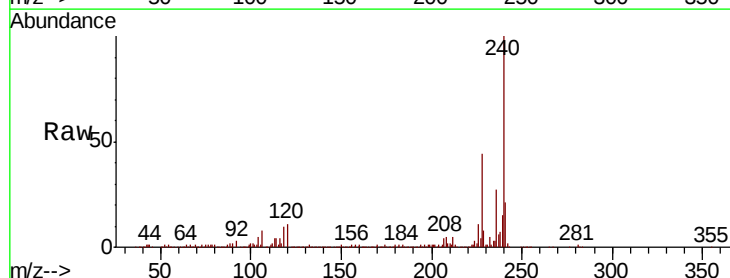
Tgt Ion:240 Resp: 366561

Ion Ratio Lower Upper

240 100

120 10.9 8.1 12.1

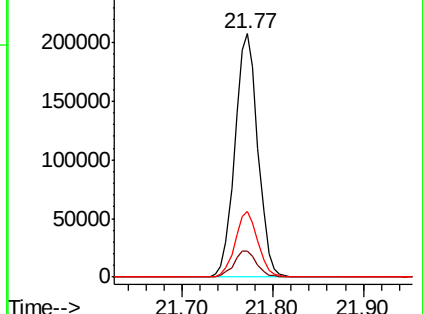
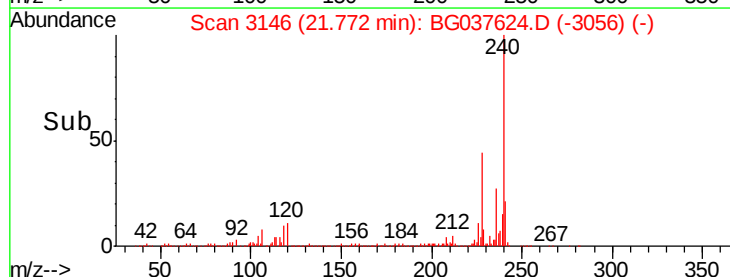
236 27.2 21.4 32.0

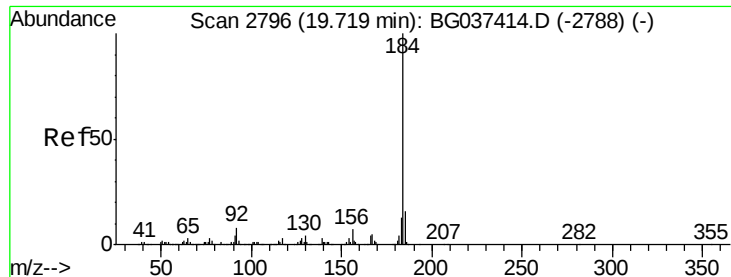


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

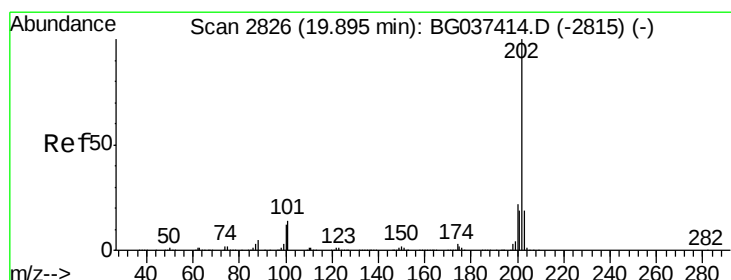
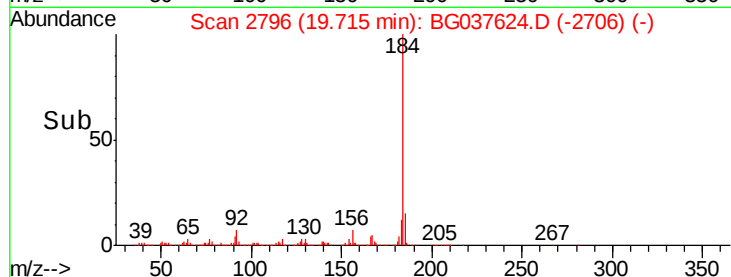
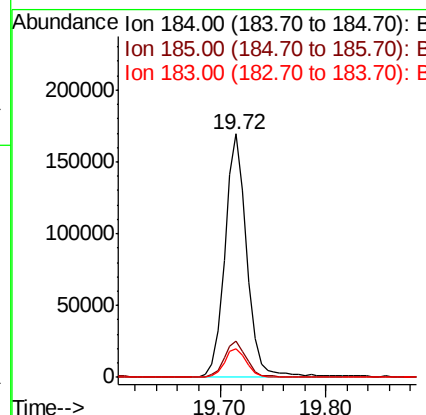
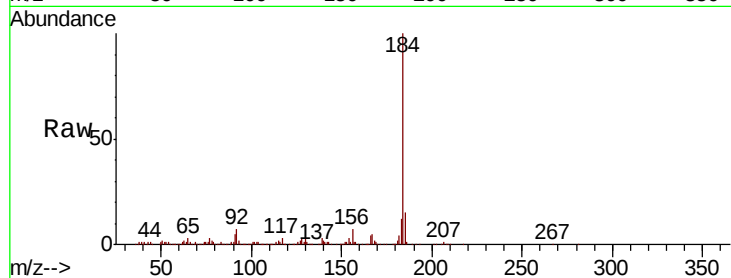




#77
Benzidine
Concen: 19.660 ng
RT: 19.72 min Scan# 2796
Delta R.T. -0.00 min
Lab File: BG037624.D
Acq: 29 Oct 2018 15:49

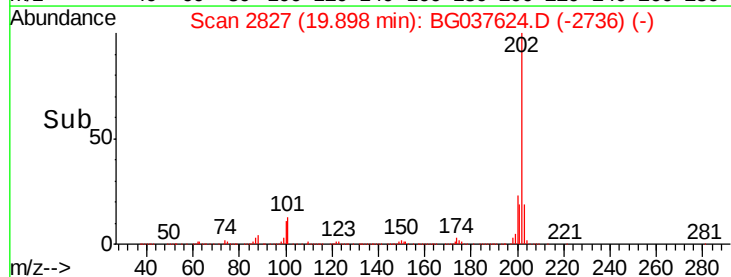
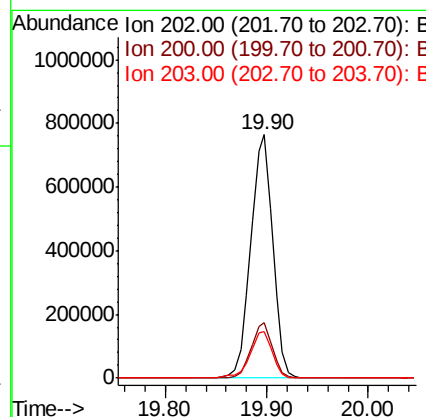
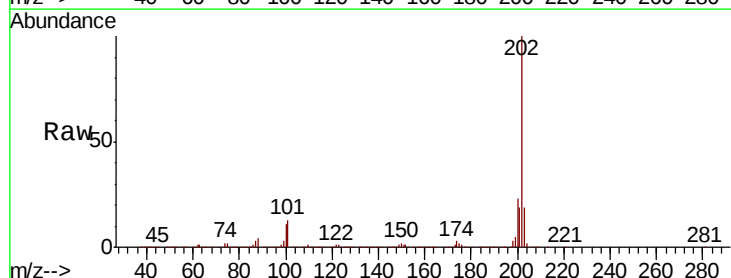
Instrument :
BNA_G
ClientSampleId :
DL-SW-01MSD

Tot Ion:184 Resp: 245048
Ion Ratio Lower Upper
184 100
185 15.0 12.6 18.8
183 11.7 10.2 15.2



#78
Pyrene
Concen: 48.029 ng
RT: 19.90 min Scan# 2827
Delta R.T. 0.00 min
Lab File: BG037624.D
Acq: 29 Oct 2018 15:49

Tgt Ion:202 Resp: 1150908
Ion Ratio Lower Upper
202 100
200 22.8 17.8 26.6
203 19.2 15.2 22.8





#79

Terphenyl-d14

Concen: 78.492 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037624.D

Acq: 29 Oct 2018 15:49

Instrument :

BNA_G

ClientSampleId :

DL-SW-01MSD

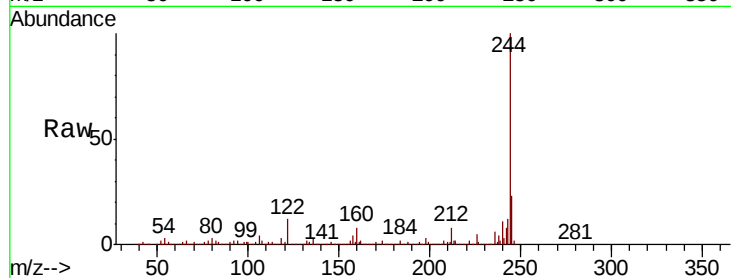
Tot Ion:244 Resp: 1346532

Ion Ratio Lower Upper

244 100

212 8.4 6.5 9.7

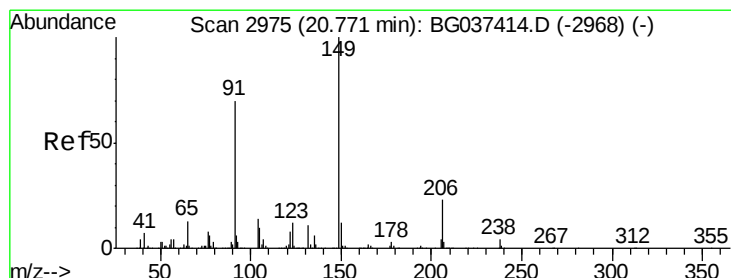
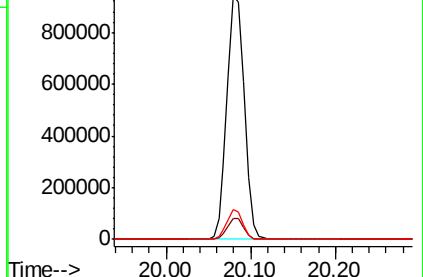
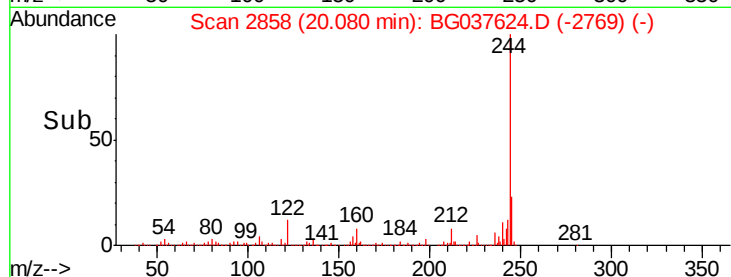
122 12.3 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 51.536 ng

RT: 20.77 min Scan# 2975

Delta R.T. -0.00 min

Lab File: BG037624.D

Acq: 29 Oct 2018 15:49

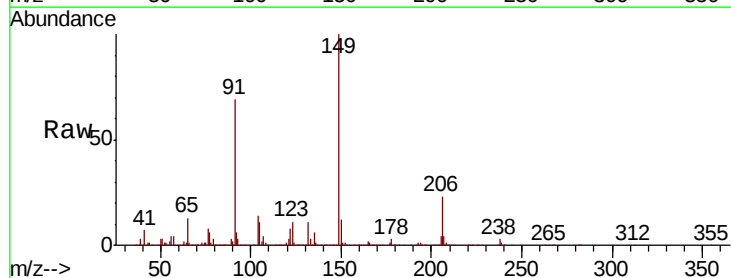
Tgt Ion:149 Resp: 505412

Ion Ratio Lower Upper

149 100

91 68.7 57.0 85.4

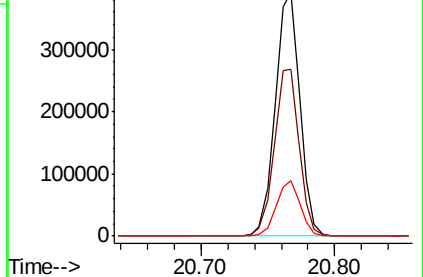
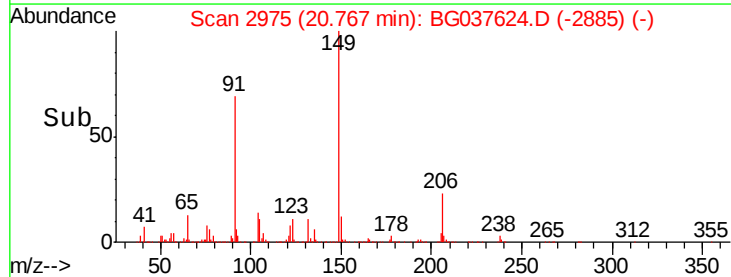
206 22.8 17.8 26.6

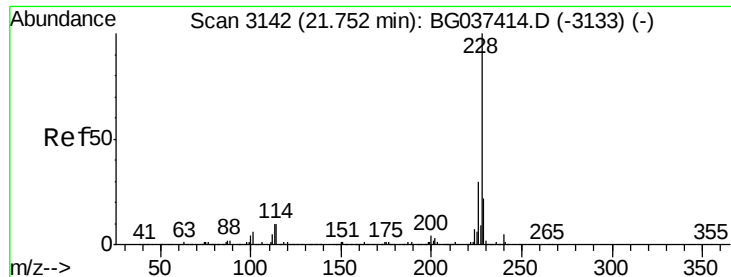


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 49.091 ng

RT: 21.75 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG037624.D

Acq: 29 Oct 2018 15:49

Instrument :

BNA_G

ClientSampleId :

DL-SW-01MSD

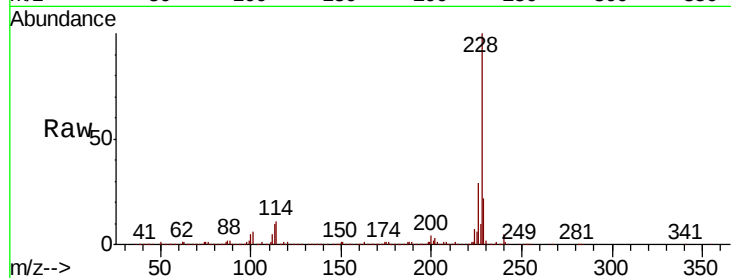
Tot Ion:228 Resp: 1064371

Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.6	33.8
229	21.9	16.3	24.5

228 100

226 28.8 22.6 33.8

229 21.9 16.3 24.5

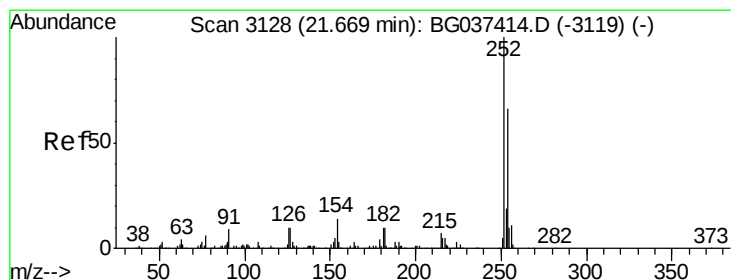
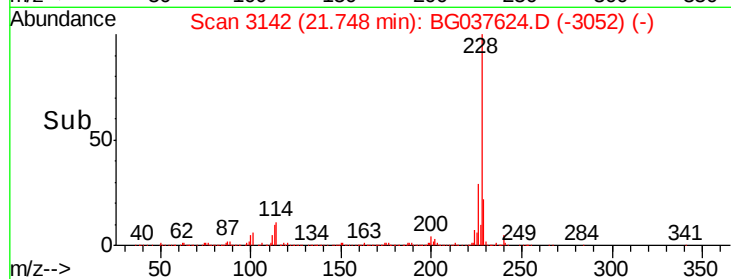
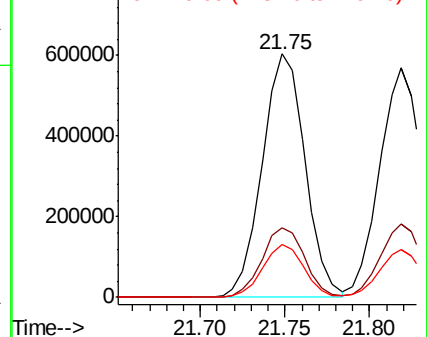


Abundance

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: 22.518 ng

RT: 21.67 min Scan# 3128

Delta R.T. -0.00 min

Lab File: BG037624.D

Acq: 29 Oct 2018 15:49

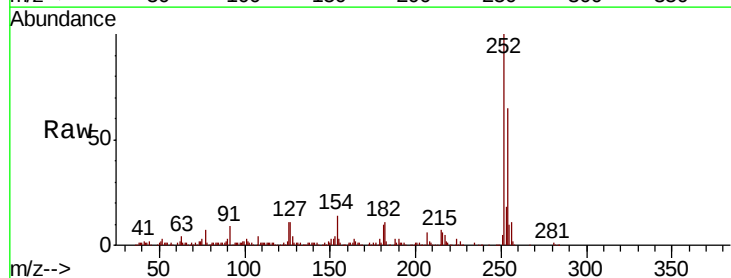
Tgt Ion:252 Resp: 189245

Ion	Ratio	Lower	Upper
252	100		
254	64.9	52.0	78.0
126	10.6	8.2	12.4

252 100

254 64.9 52.0 78.0

126 10.6 8.2 12.4

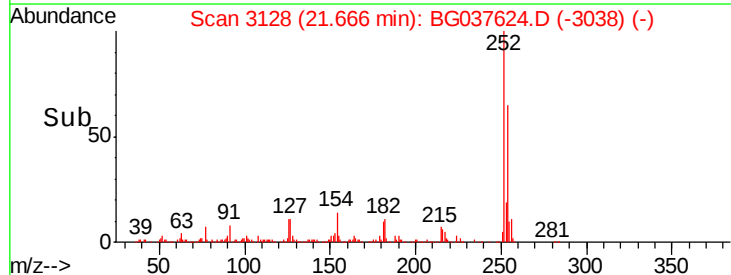
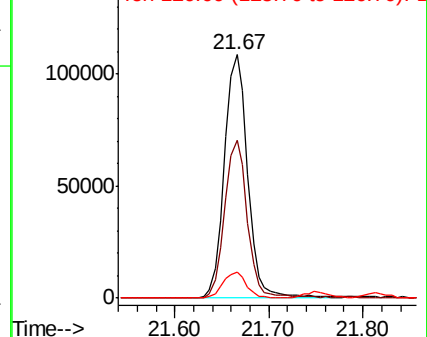


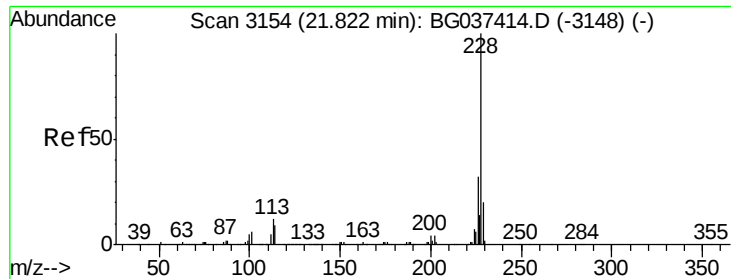
Abundance

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



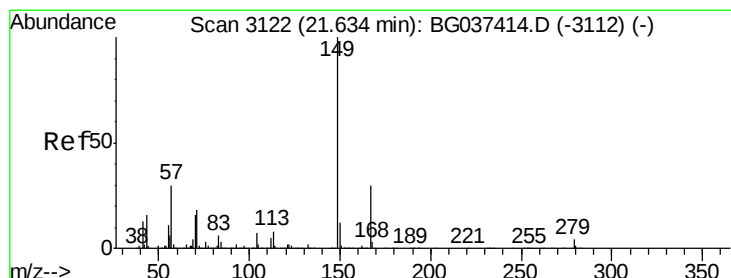
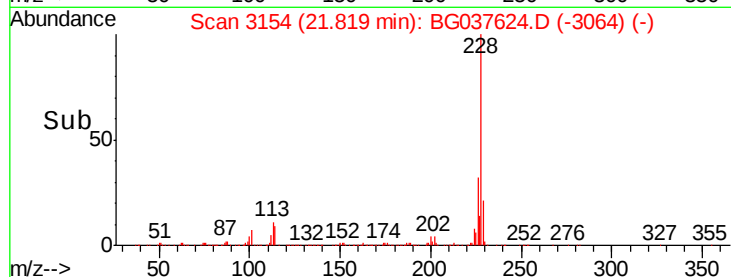
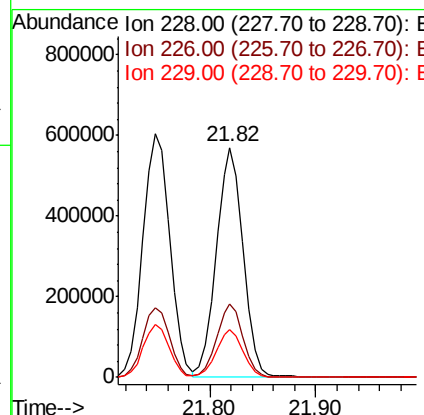
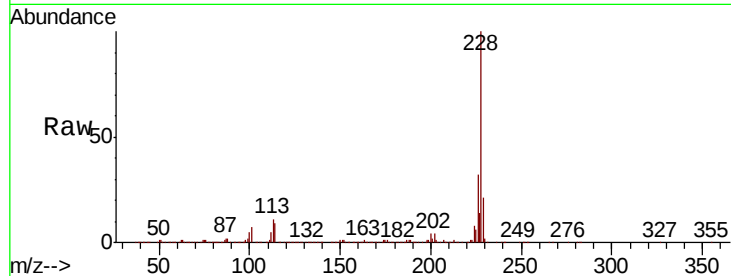


#83
 Chrysene
 Concen: 48.132 ng
 RT: 21.82 min Scan# 3154
 Delta R.T. -0.00 min
 Lab File: BG037624.D
 Acq: 29 Oct 2018 15:49

Instrument :
 BNA_G
 ClientSampleId :
 DL-SW-01MSD

Tot Ion:228 Resp: 1003478

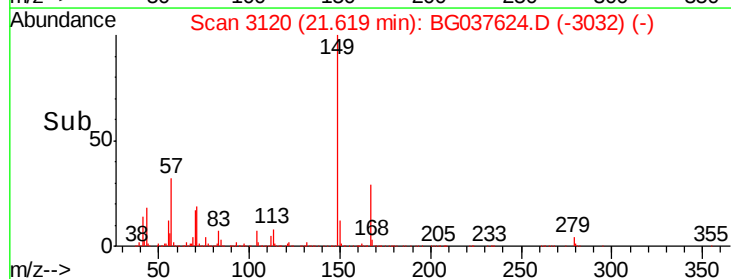
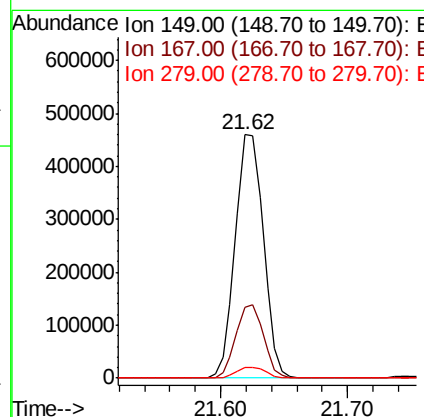
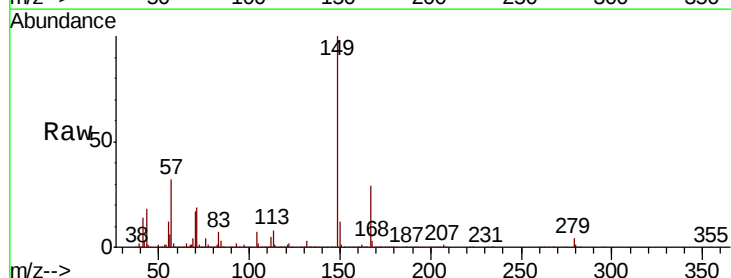
Ion	Ratio	Lower	Upper
228	100		
226	32.2	25.7	38.5
229	20.6	16.5	24.7

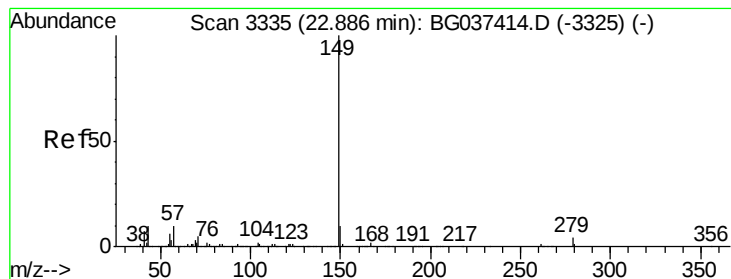


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 51.403 ng
 RT: 21.62 min Scan# 3120
 Delta R.T. -0.02 min
 Lab File: BG037624.D
 Acq: 29 Oct 2018 15:49

Tgt Ion:149 Resp: 706614

Ion	Ratio	Lower	Upper
149	100		
167	29.2	23.0	34.4
279	4.2	3.6	5.4





#85

Di-n-octyl phthalate

Concen: 53.147 ng

RT: 22.87 min Scan# 3333

Delta R.T. -0.02 min

Lab File: BG037624.D

Acq: 29 Oct 2018 15:49

Instrument :

BNA_G

ClientSampleId :

DL-SW-01MSD

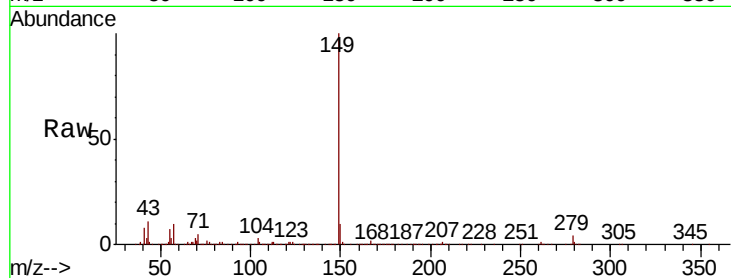
Tot Ion:149 Resp: 1191355

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

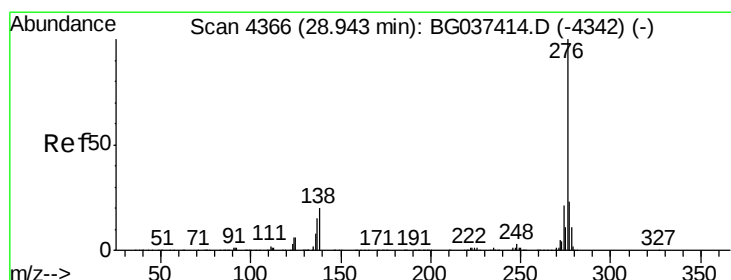
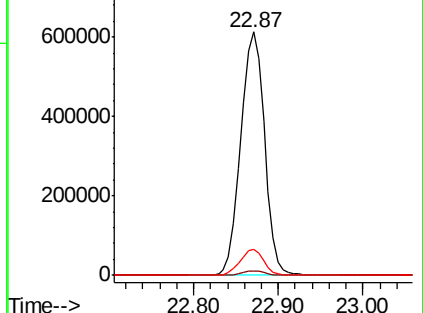
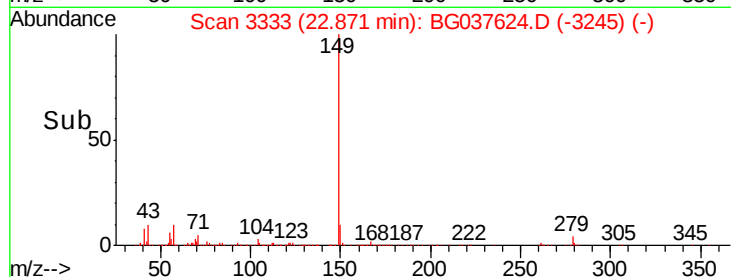
43 10.4 8.7 13.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 51.731 ng

RT: 28.93 min Scan# 4365

Delta R.T. -0.01 min

Lab File: BG037624.D

Acq: 29 Oct 2018 15:49

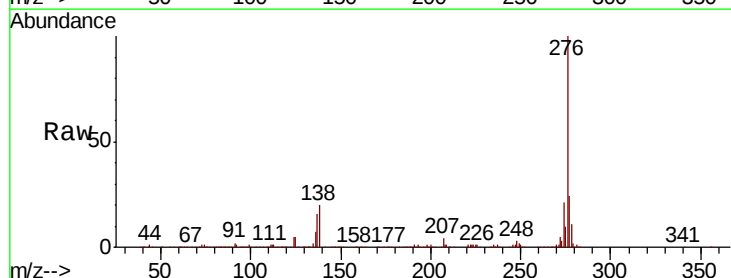
Tgt Ion:276 Resp: 1156784

Ion Ratio Lower Upper

276 100

138 16.1 12.0 18.0

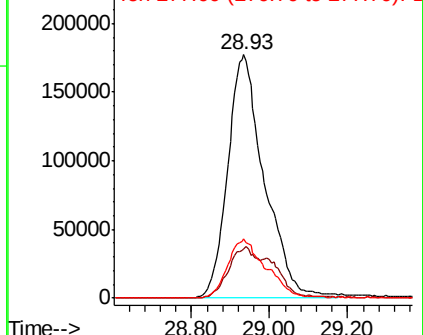
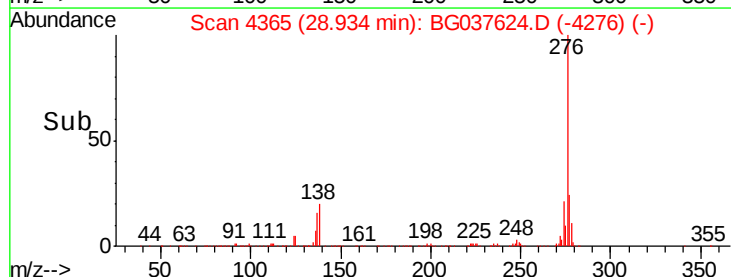
277 25.0 20.6 30.8

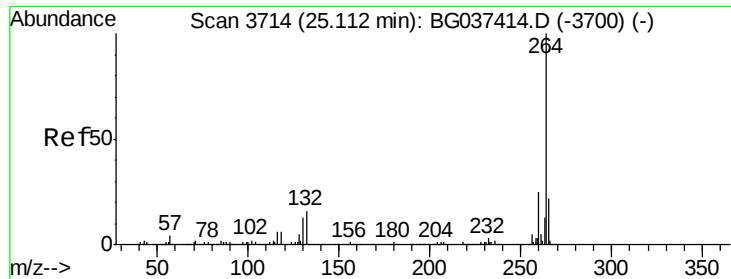


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



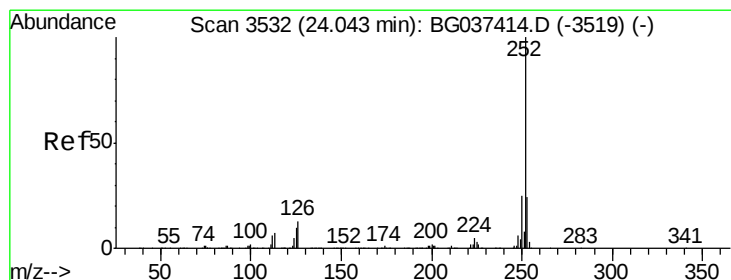
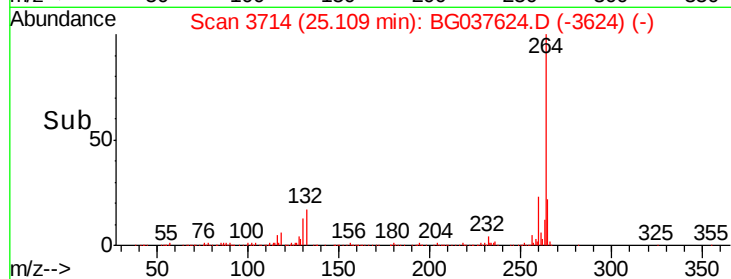
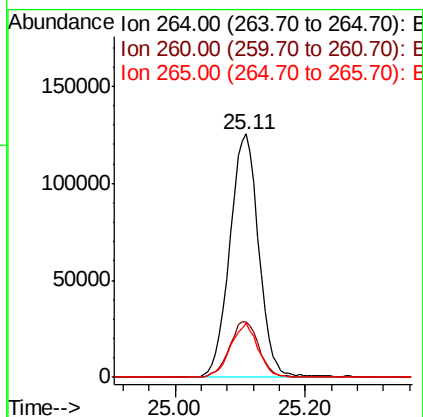
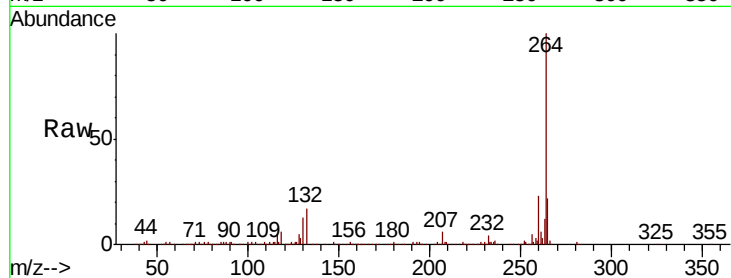


#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.11 min Scan# 3714
Delta R.T. -0.00 min
Lab File: BG037624.D
Acq: 29 Oct 2018 15:49

Instrument :
BNA_G
ClientSampleId :
DL-SW-01MSD

Tot Ion:264 Resp: 385623

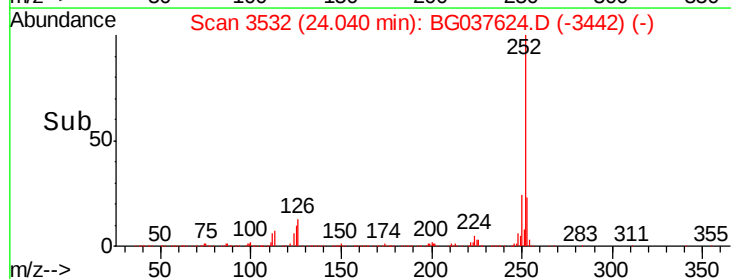
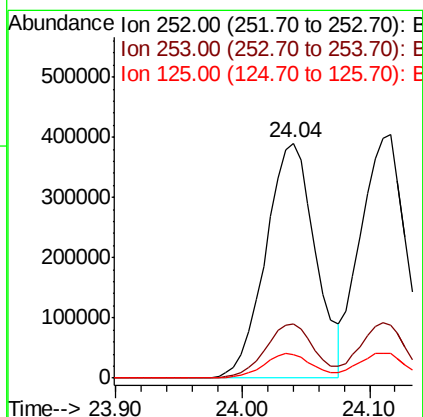
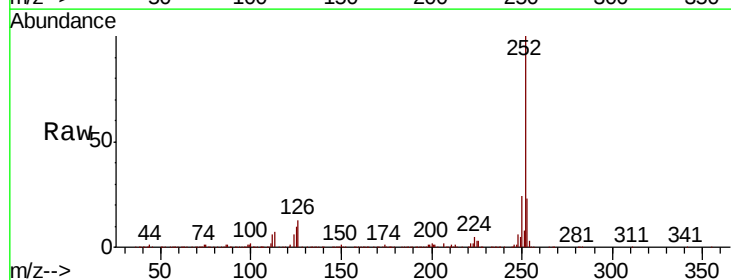
Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.2	27.4
265	22.2	17.9	26.9

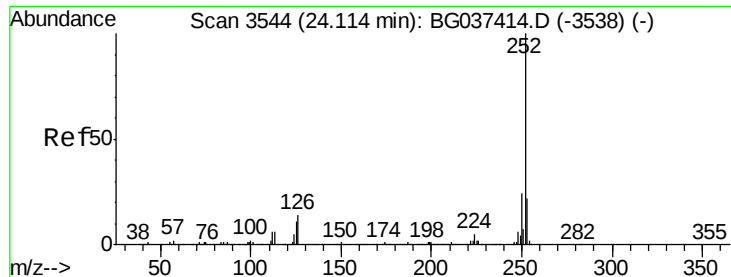


#88
Benzo(b)fluoranthene
Concen: 50.375 ng
RT: 24.04 min Scan# 3532
Delta R.T. -0.00 min
Lab File: BG037624.D
Acq: 29 Oct 2018 15:49

Tgt Ion:252 Resp: 1064989

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.2
125	10.2	7.8	11.6

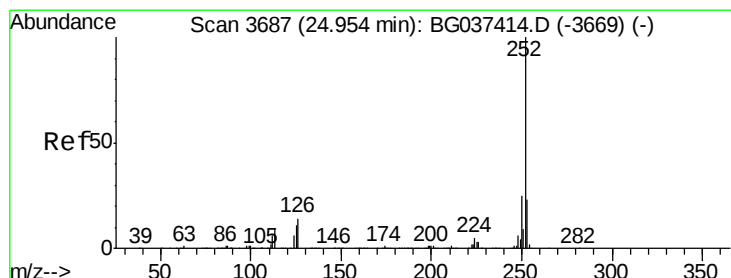
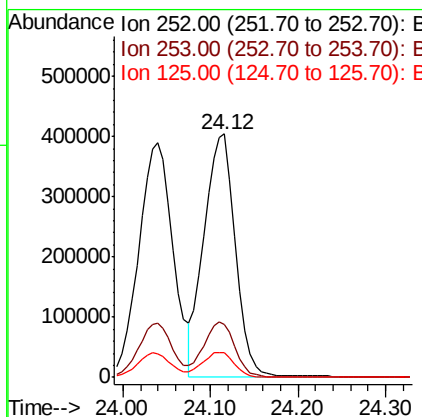
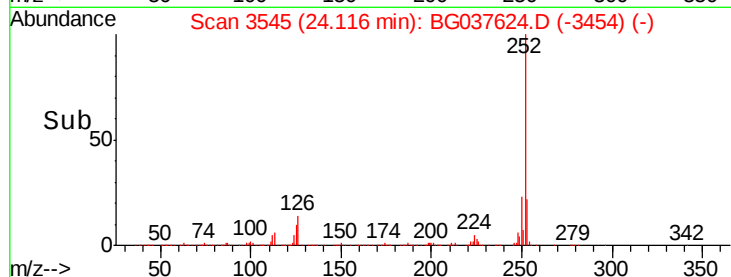
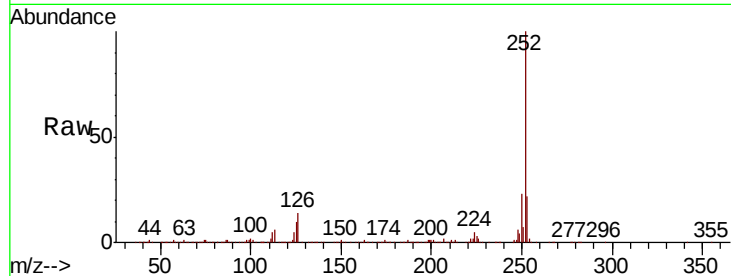




#89
Benzo(k)fluoranthene
Concen: 48.568 ng
RT: 24.12 min Scan# 3545
Delta R.T. 0.00 min
Lab File: BG037624.D
Acq: 29 Oct 2018 15:49

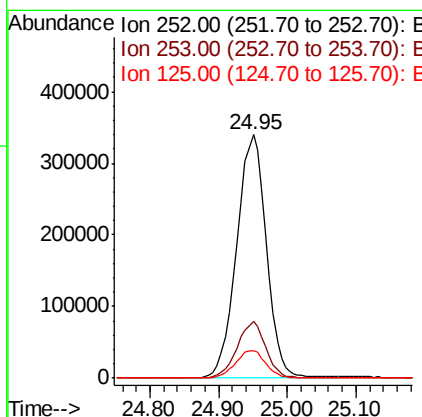
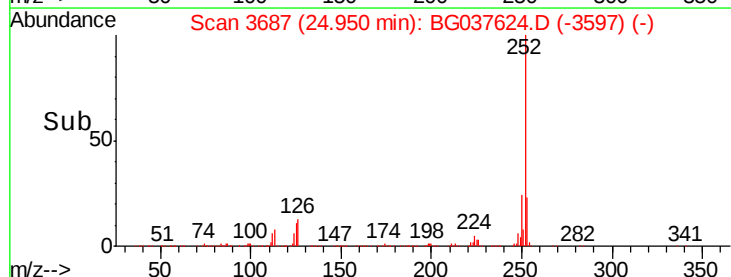
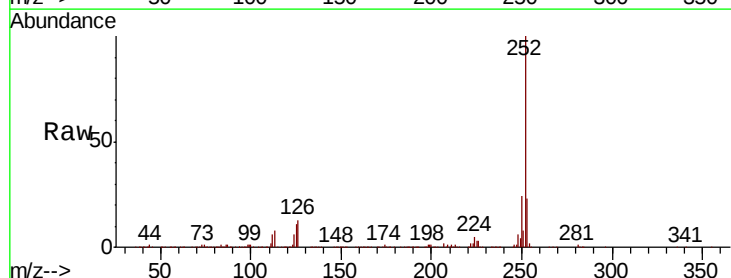
Instrument :
BNA_G
ClientSampleId :
DL-SW-01MSD

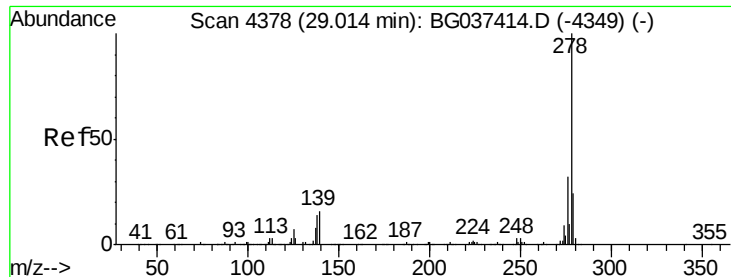
Tot Ion:252 Resp: 1005969
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 10.0 7.4 11.0



#90
Benzo(a)pyrene
Concen: 51.052 ng
RT: 24.95 min Scan# 3687
Delta R.T. -0.00 min
Lab File: BG037624.D
Acq: 29 Oct 2018 15:49

Tgt Ion:252 Resp: 1025584
Ion Ratio Lower Upper
252 100
253 23.2 17.4 26.2
125 11.3 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 50.710 ng

RT: 29.00 min Scan# 4377

Delta R.T. -0.01 min

Lab File: BG037624.D

Acq: 29 Oct 2018 15:49

Instrument :

BNA_G

ClientSampleId :

DL-SW-01MSD

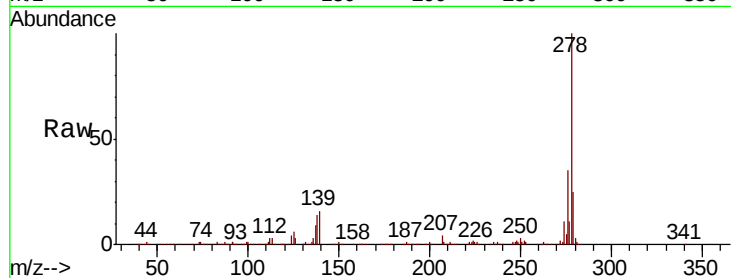
Tot Ion:278 Resp: 939689

Ion	Ratio	Lower	Upper
278	100		
139	15.8	11.5	17.3
279	24.8	18.6	27.8

278 100

139 15.8 11.5 17.3

279 24.8 18.6 27.8

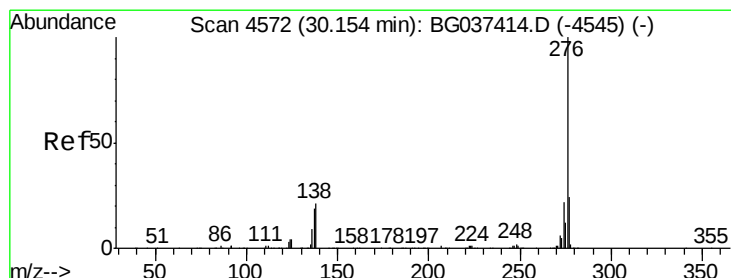
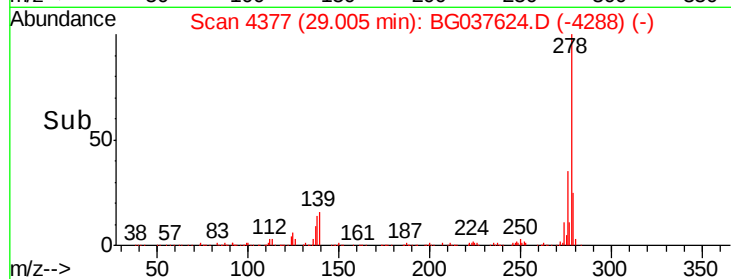
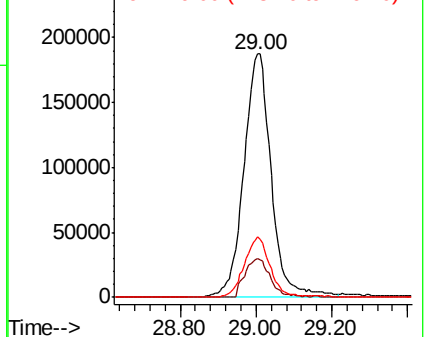


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 50.859 ng

RT: 30.14 min Scan# 4570

Delta R.T. -0.02 min

Lab File: BG037624.D

Acq: 29 Oct 2018 15:49

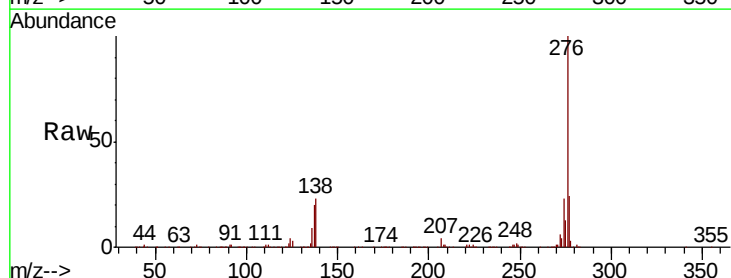
Tgt Ion:276 Resp: 953483

Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.9	28.3
138	22.6	17.2	25.8

276 100

277 24.4 18.9 28.3

138 22.6 17.2 25.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

