

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030119\
 Data File : BG039694.D
 Acq On : 1 Mar 2019 19:41
 Operator : JU/SJ
 Sample : PB117492BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117492BS

Quant Time: Mar 02 03:12:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 06:15:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	52419	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	233177	20.00	ng	0.00
39) Acenaphthene-d10	14.79	164	153084	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	341039	20.00	ng	0.00
76) Chrysene-d12	21.82	240	349032	20.00	ng	0.00
87) Perylene-d12	25.19	264	350663	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	443183	144.70	ng	0.00
7) Phenol-d6	7.31	99	636761	141.24	ng	0.00
23) Nitrobenzene-d5	9.34	82	373564	100.08	ng	0.00
42) 2,4,6-Tribromophenol	16.28	330	219263	133.01	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	876118	82.10	ng	0.00
79) Terphenyl-d14	20.12	244	1254502	76.08	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.60	88	45494	33.958	ng	96
3) Pyridine	4.00	79	129471	36.501	ng	98
4) n-Nitrosodimethylamine	3.92	42	73292	41.316	ng	92
6) Aniline	7.49	93	118362	20.960	ng	98
8) 2-Chlorophenol	7.72	128	157828	47.143	ng	96
9) Benzaldehyde	7.31	77	69549	28.355	ng	99
10) Phenol	7.34	94	214571	45.658	ng	99
11) bis(2-Chloroethyl)ether	7.58	93	146661	39.494	ng	97
12) 1,3-Dichlorobenzene	8.05	146	161715	39.874	ng	97
13) 1,4-Dichlorobenzene	8.20	146	164650	40.731	ng	98
14) 1,2-Dichlorobenzene	8.52	146	156899	40.094	ng	99
15) Benzyl Alcohol	8.40	79	149069	42.117	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.68	45	283291	33.782	ng	99
17) 2-Methylphenol	8.60	107	141946	46.675	ng	93
18) Hexachloroethane	9.25	117	57647	41.451	ng	97
19) n-Nitroso-di-n-propylamine	8.97	70	122805	38.379	ng	92
20) 3+4-Methylphenols	8.93	107	192485	45.962	ng	97
22) Acetophenone	8.99	105	235907	37.664	ng	# 94
24) Nitrobenzene	9.39	77	185231	45.936	ng	98
25) Isophorone	9.90	82	351295	42.472	ng	99
26) 2-Nitrophenol	10.10	139	91776	55.341	ng	96
27) 2,4-Dimethylphenol	10.14	122	158570	47.392	ng	90
28) bis(2-Chloroethoxy)methane	10.38	93	214576	42.118	ng	100
29) 2,4-Dichlorophenol	10.63	162	171549	46.912	ng	94
30) 1,2,4-Trichlorobenzene	10.84	180	173824	42.339	ng	99
31) Naphthalene	11.04	128	492187	42.548	ng	99
32) Benzoic acid	10.26	122	70048	34.983	ng	98
33) 4-Chloroaniline	11.15	127	67527	12.590	ng	97
34) Hexachlorobutadiene	11.30	225	110167	40.349	ng	98
35) Caprolactam	11.93	113	56479	37.323	ng	# 80
36) 4-Chloro-3-methylphenol	12.25	107	178797	42.277	ng	98
37) 2-Methylnaphthalene	12.63	142	365944	42.712	ng	99
38) 1-Methylnaphthalene	12.85	142	352093	42.632	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	203980	41.879	ng	99

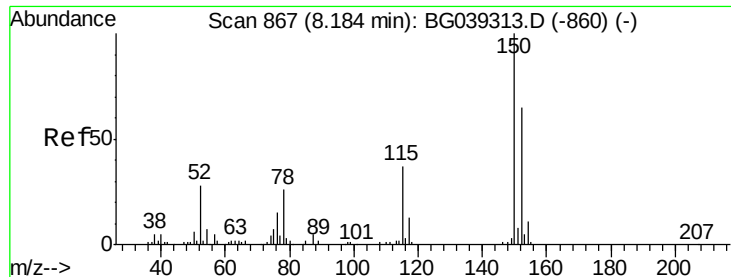
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030119\
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 QLast Update : Fri Mar 01 06:15:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	266610	100.452	ng	100
43) 2,4,6-Trichlorophenol	13.22	196	139253	46.499	ng	99
44) 2,4,5-Trichlorophenol	13.30	196	147920	47.127	ng	96
46) 1,1'-Biphenyl	13.63	154	492544	38.670	ng	98
47) 2-Chloronaphthalene	13.67	162	381758	39.842	ng	98
48) 2-Nitroaniline	13.88	65	125856	46.118	ng	97
49) Acenaphthylene	14.51	152	604830	41.833	ng	98
50) Dimethylphthalate	14.24	163	485117	39.237	ng	100
51) 2,6-Dinitrotoluene	14.37	165	108944	47.264	ng	91
52) Acenaphthene	14.85	154	366995	39.104	ng	99
53) 3-Nitroaniline	14.70	138	50969	23.768	ng	# 93
54) 2,4-Dinitrophenol	14.90	184	54299	60.442	ng	98
55) Dibenzofuran	15.18	168	591680	39.321	ng	98
56) 4-Nitrophenol	15.00	139	164293	73.965	ng	88
57) 2,4-Dinitrotoluene	15.15	165	150906	50.497	ng	# 86
58) Fluorene	15.84	166	461771	41.166	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.41	232	135013	45.941	ng	97
60) Diethylphthalate	15.59	149	474177	37.094	ng	97
61) 4-Chlorophenyl-phenylether	15.82	204	247573	38.979	ng	97
62) 4-Nitroaniline	15.87	138	110013	42.920	ng	91
63) Azobenzene	16.11	77	433960	34.733	ng	97
65) 4,6-Dinitro-2-methylphenol	15.91	198	64648	48.084	ng	99
66) n-Nitrosodiphenylamine	16.04	169	412956	39.823	ng	99
67) 4-Bromophenyl-phenylether	16.71	248	154982	40.963	ng	96
68) Hexachlorobenzene	16.83	284	159192	41.938	ng	95
69) Atrazine	16.97	200	149234	39.380	ng	95
70) Pentachlorophenol	17.18	266	190059	72.040	ng	99
71) Phenanthrene	17.57	178	740133	41.931	ng	98
72) Anthracene	17.67	178	747276	42.980	ng	99
73) Carbazole	17.94	167	654115	37.698	ng	99
74) Di-n-butylphthalate	18.47	149	789847	39.019	ng	100
75) Fluoranthene	19.58	202	890013	43.442	ng	99
77) Benzidine	19.75	184	174735	15.270	ng	98
78) Pyrene	19.94	202	902063	41.516	ng	99
80) Butylbenzylphthalate	20.81	149	384360	41.934	ng	94
81) Benzo(a)anthracene	21.80	228	891371	43.220	ng	99
82) 3,3'-Dichlorobenzidine	21.71	252	151281	19.782	ng	99
83) Chrysene	21.87	228	822885	41.914	ng	100
84) Bis(2-ethylhexyl)phthalate	21.66	149	528882	40.446	ng	98
85) Di-n-octyl phthalate	22.93	149	907050	41.987	ng	95
86) Indeno(1,2,3-cd)pyrene	29.08	276	966878	45.901	ng	99
88) Benzo(b)fluoranthene	24.12	252	846030	44.240	ng	99
89) Benzo(k)fluoranthene	24.18	252	840085	43.755	ng	100
90) Benzo(a)pyrene	25.04	252	834058	45.286	ng	98
91) Dibenzo(a,h)anthracene	29.16	278	776032	44.993	ng	98
92) Benzo(g,h,i)perylene	30.31	276	788720	45.879	ng	97

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

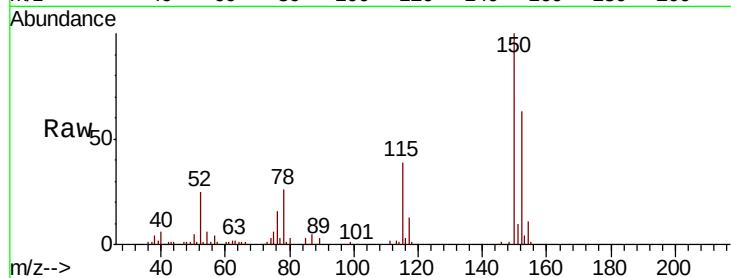


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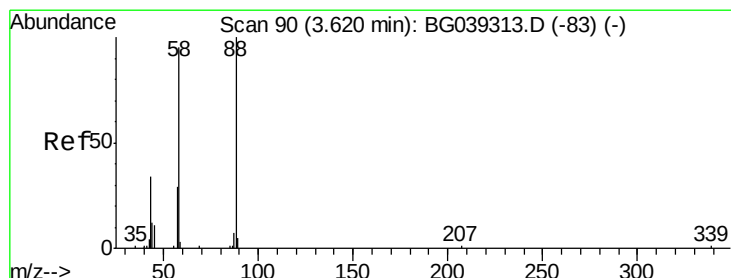
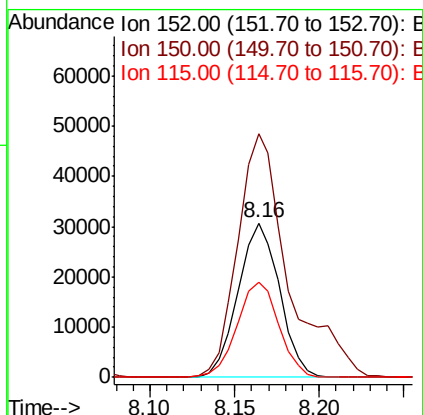
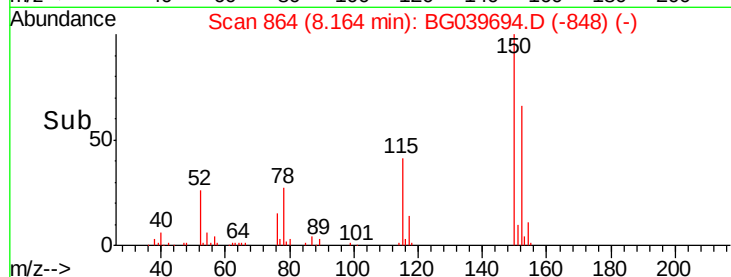
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 864
Delta R.T. -0.01 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

Instrument :
BNA_G
ClientSampleId :
PB117492BS

Tot Ion:152 Resp: 52419
Ion Ratio Lower Upper
152 100
150 158.0 123.7 185.5
115 61.7 45.9 68.9



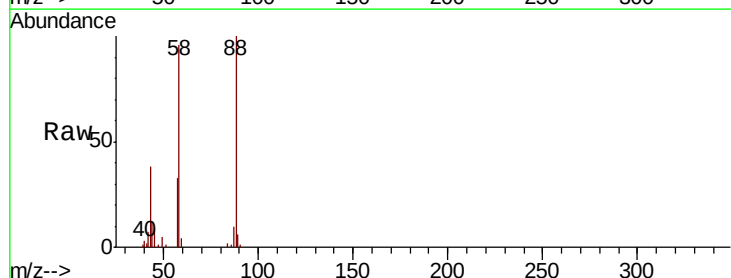
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



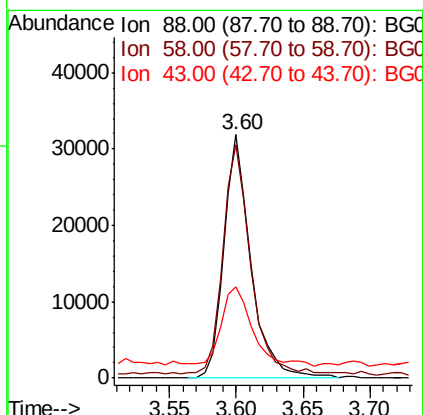
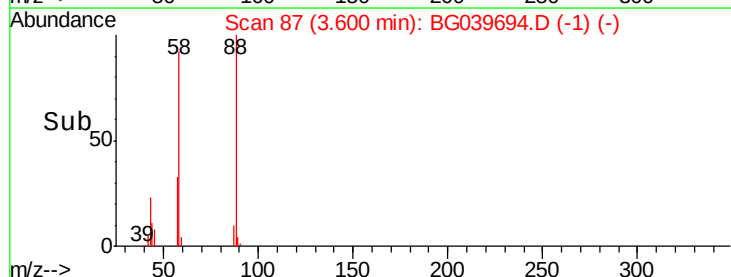
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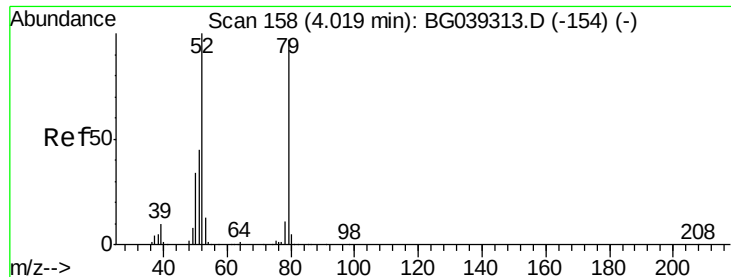
1,4-Dioxane
Concen: 33.958 ng
RT: 3.60 min Scan# 87
Delta R.T. -0.01 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

Tgt Ion: 88 Resp: 45494
Ion Ratio Lower Upper
88 100
58 97.1 81.1 121.7
43 37.0 31.4 47.0



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: 36.501 ng

RT: 4.00 min Scan# 155

Delta R.T. -0.01 min

Lab File: BG039694.D

Acq: 1 Mar 2019 19:41

Instrument :

BNA_G

ClientSampleId :

PB117492BS

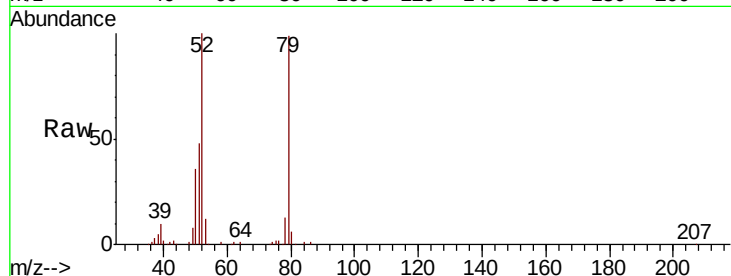
Tot Ion: 79 Resp: 129471

Ion Ratio Lower Upper

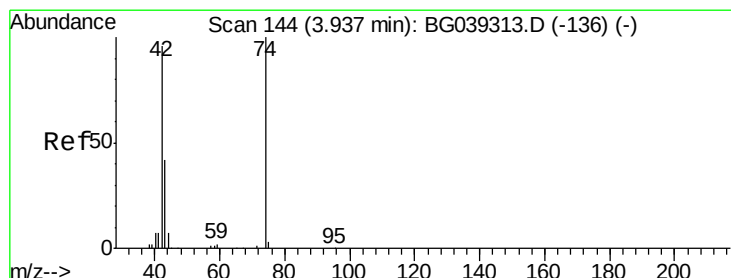
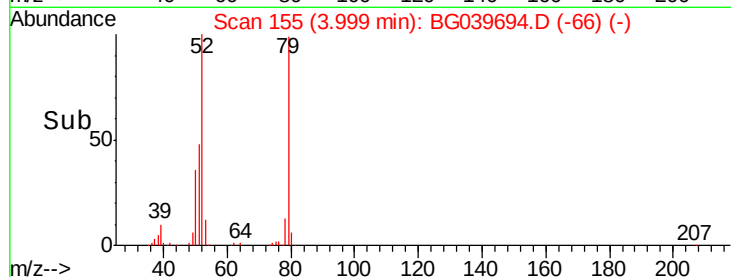
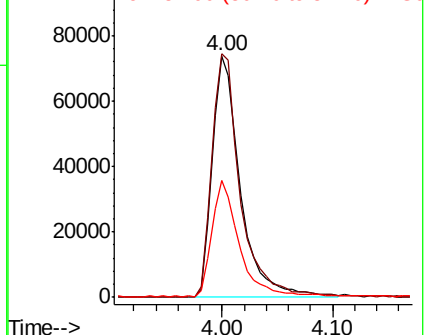
79 100

52 101.0 82.6 124.0

51 48.7 37.5 56.3



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: 41.316 ng

RT: 3.92 min Scan# 142

Delta R.T. -0.01 min

Lab File: BG039694.D

Acq: 1 Mar 2019 19:41

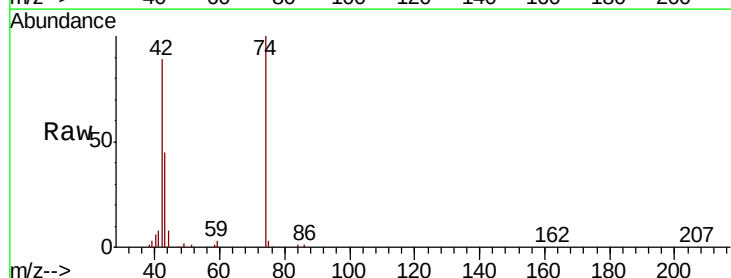
Tgt Ion: 42 Resp: 73292

Ion Ratio Lower Upper

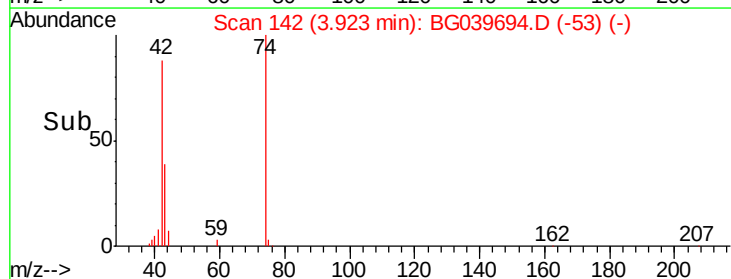
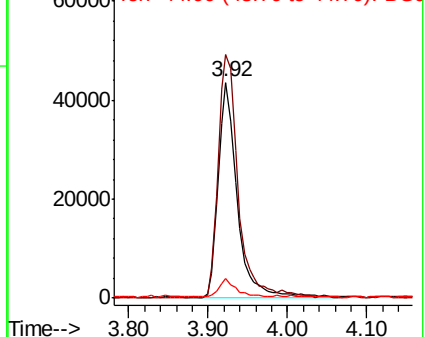
42 100

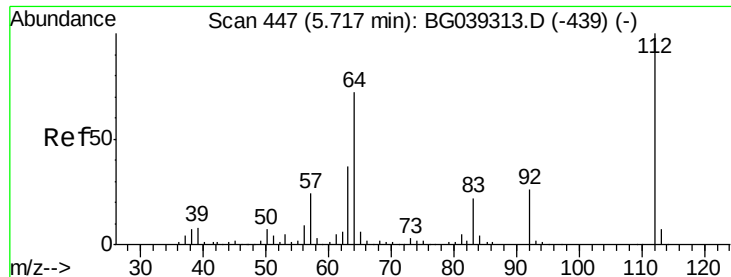
74 112.8 83.6 125.4

44 9.1 6.9 10.3



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: 144.702 ng

RT: 5.71 min Scan# 446

Delta R.T. -0.00 min

Lab File: BG039694.D

Acq: 1 Mar 2019 19:41

Instrument :

BNA_G

ClientSampleId :

PB117492BS

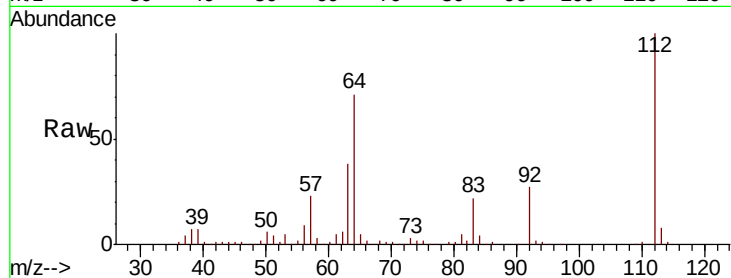
Tot Ion: 112 Resp: 443183

Ion Ratio Lower Upper

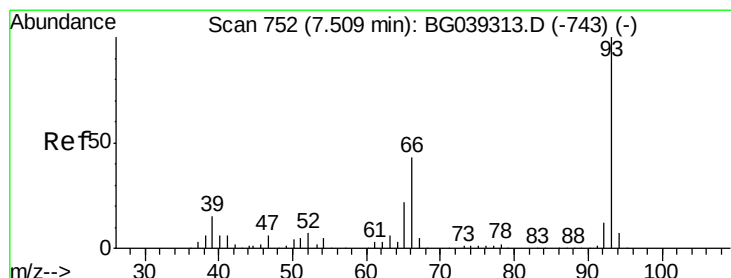
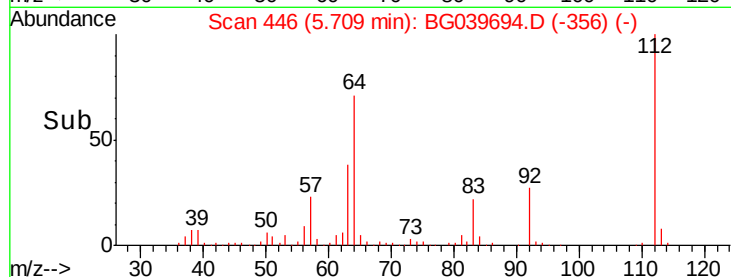
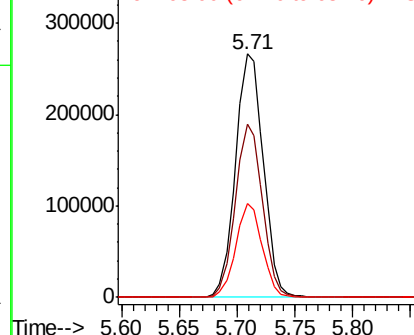
112 100

64 71.2 57.8 86.8

63 38.3 29.8 44.6



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: 20.960 ng

RT: 7.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BG039694.D

Acq: 1 Mar 2019 19:41

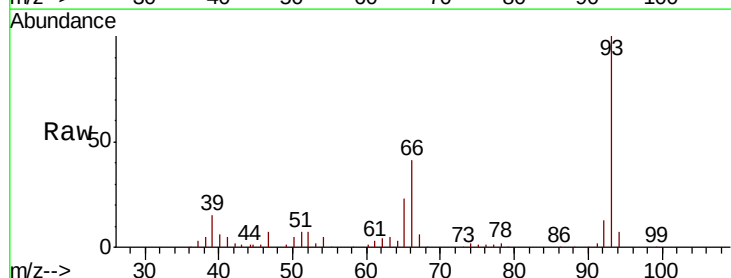
Tgt Ion: 93 Resp: 118362

Ion Ratio Lower Upper

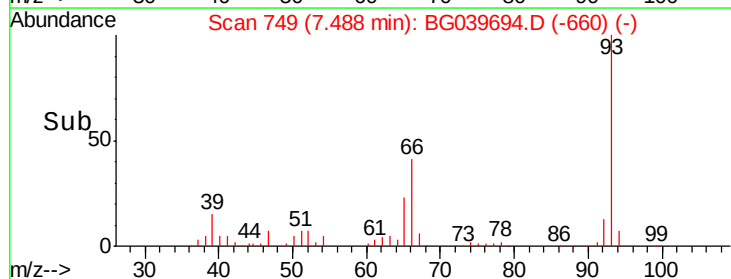
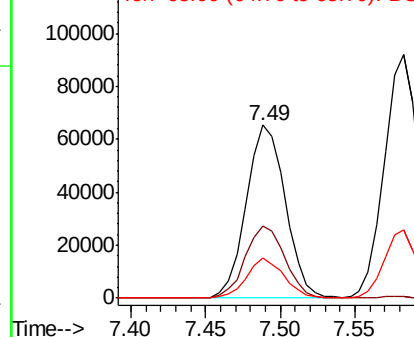
93 100

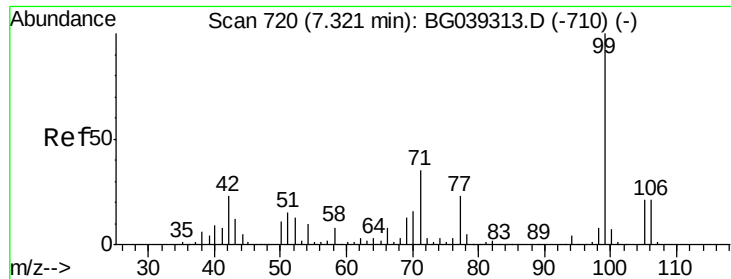
66 41.4 34.2 51.4

65 23.0 17.7 26.5



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: 141.243 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.00 min

Lab File: BG039694.D

Acq: 1 Mar 2019 19:41

Instrument :

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ClientSampleId :

PB117492BS

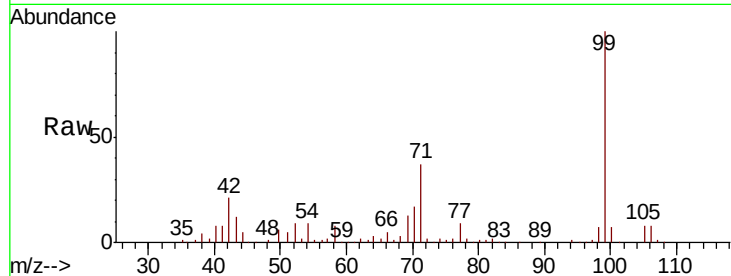
Tot Ion: 99 Resp: 636761

Ion Ratio Lower Upper

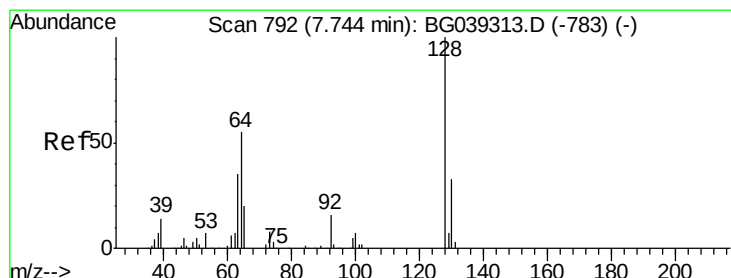
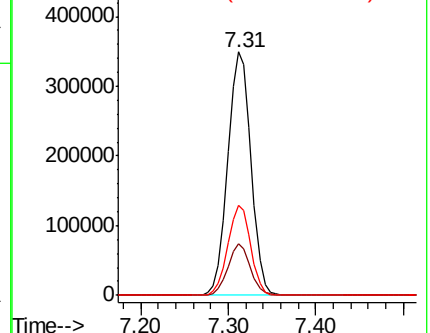
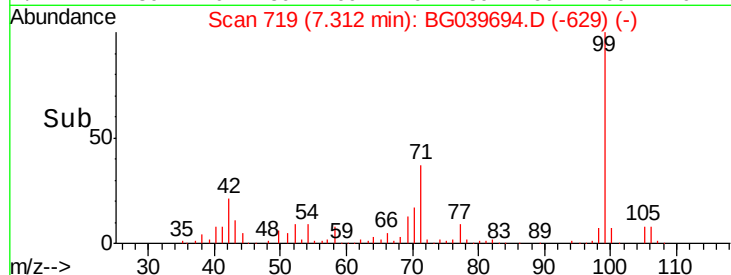
99 100

42 21.2 18.2 27.2

71 37.1 28.0 42.0



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: 47.143 ng

RT: 7.72 min Scan# 789

Delta R.T. -0.00 min

Lab File: BG039694.D

Acq: 1 Mar 2019 19:41

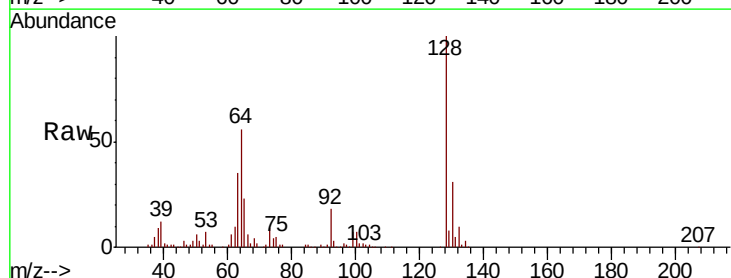
Tgt Ion: 128 Resp: 157828

Ion Ratio Lower Upper

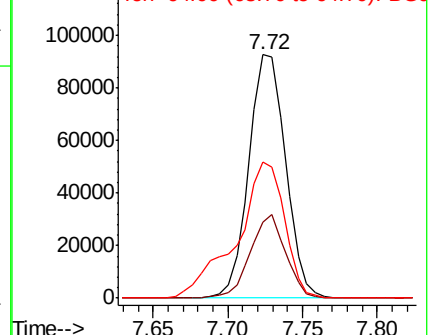
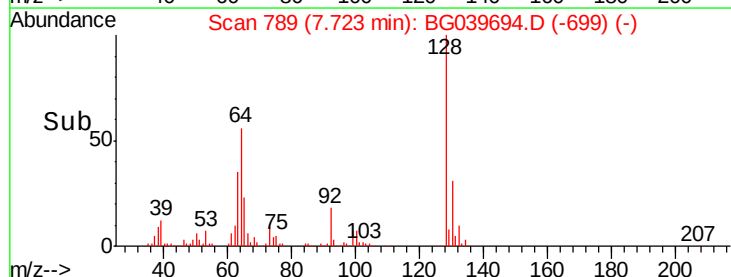
128 100

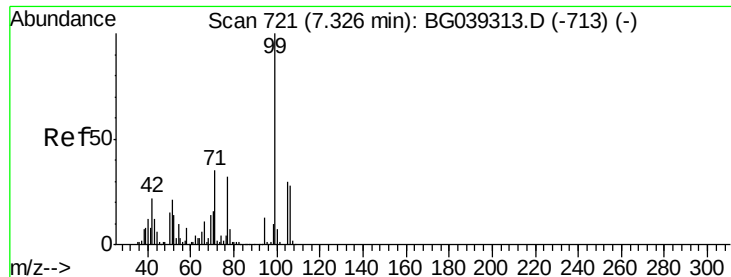
130 31.3 12.9 52.9

64 55.7 38.7 78.7



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: 28.355 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.00 min

Lab File: BG039694.D

Acq: 1 Mar 2019 19:41

Instrument :

BNA_G

ClientSampleId :

PB117492BS

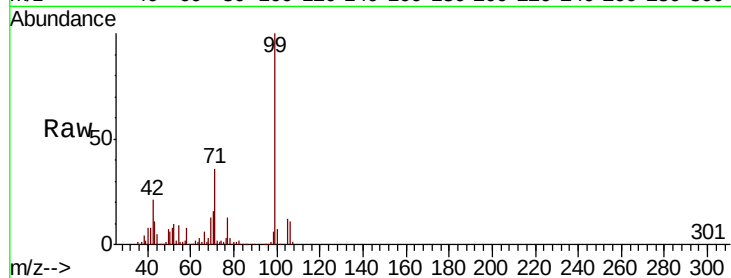
Tot Ion: 77 Resp: 69549

Ion Ratio Lower Upper

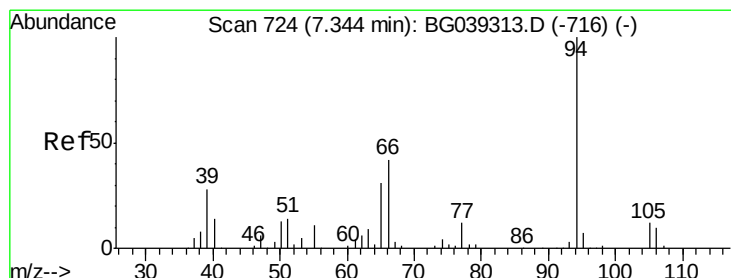
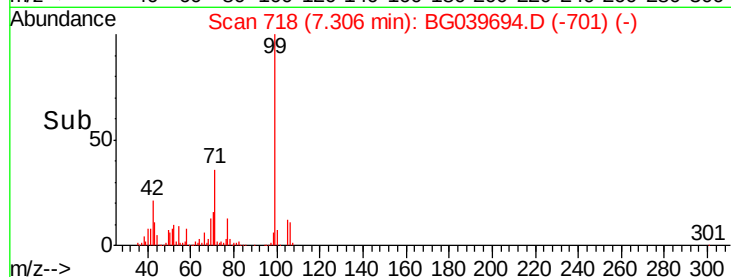
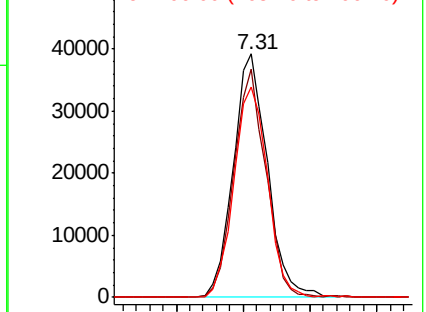
77 100

105 93.8 74.5 114.5

106 86.3 68.0 108.0



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: 45.658 ng

RT: 7.34 min Scan# 724

Delta R.T. 0.01 min

Lab File: BG039694.D

Acq: 1 Mar 2019 19:41

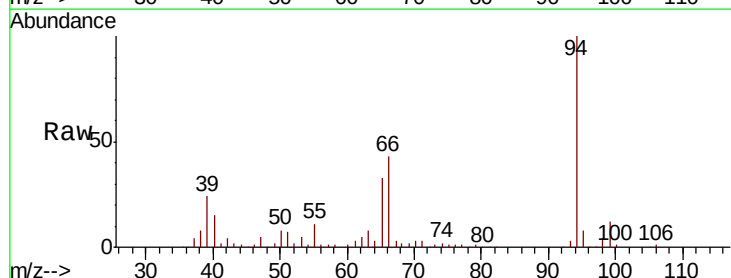
Tgt Ion: 94 Resp: 214571

Ion Ratio Lower Upper

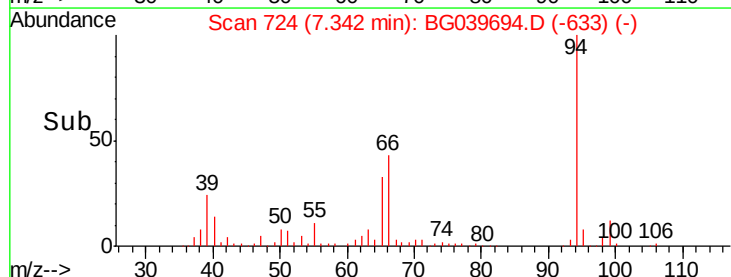
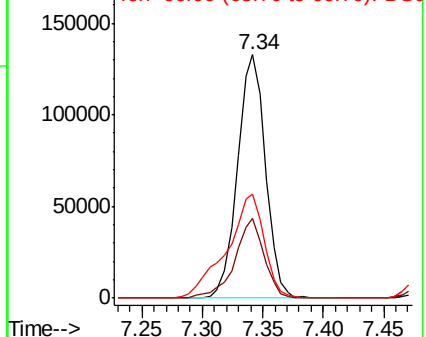
94 100

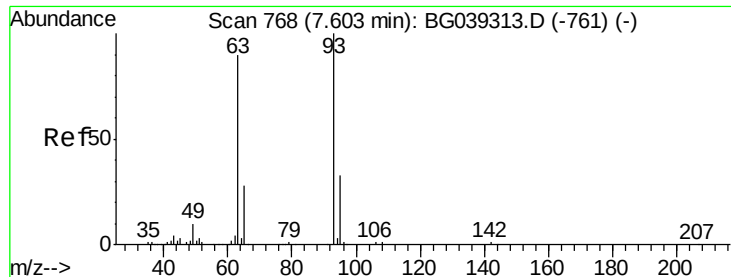
65 32.6 11.7 51.7

66 43.0 23.7 63.7



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: 39.494 ng

RT: 7.58 min Scan# 765

Delta R.T. -0.00 min

Lab File: BG039694.D

Acq: 1 Mar 2019 19:41

Instrument :

BNA_G

ClientSampleId :

PB117492BS

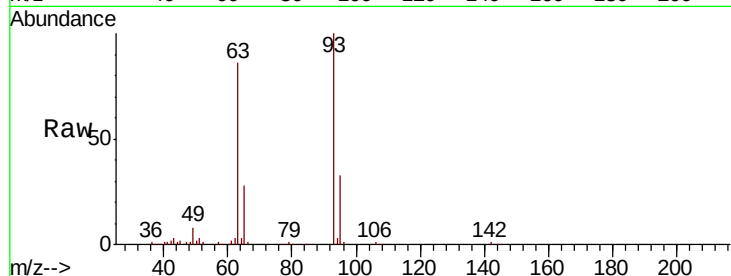
Tot Ion: 93 Resp: 146661

Ion Ratio Lower Upper

93 100

63 86.4 69.5 109.5

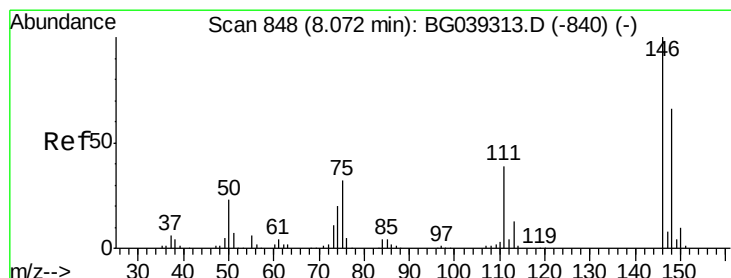
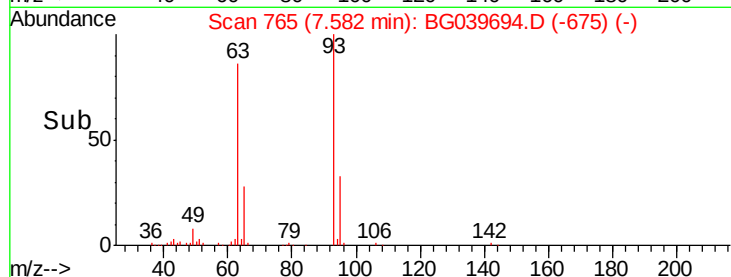
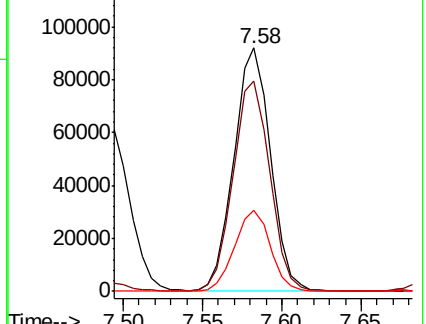
95 33.2 12.7 52.7



Abundance Ion 93.00 (92.70 to 93.70): BG039694.D (-765) (-)

Ion 63.00 (62.70 to 63.70): BG039694.D (-765) (-)

Ion 95.00 (94.70 to 95.70): BG039694.D (-765) (-)



#12

1,3-Dichlorobenzene

Concen: 39.874 ng

RT: 8.05 min Scan# 845

Delta R.T. -0.00 min

Lab File: BG039694.D

Acq: 1 Mar 2019 19:41

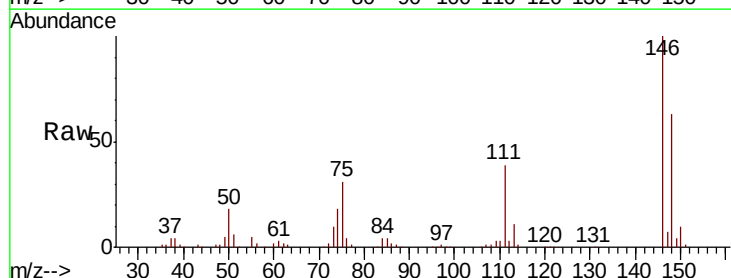
Tgt Ion: 146 Resp: 161715

Ion Ratio Lower Upper

146 100

148 63.5 52.6 79.0

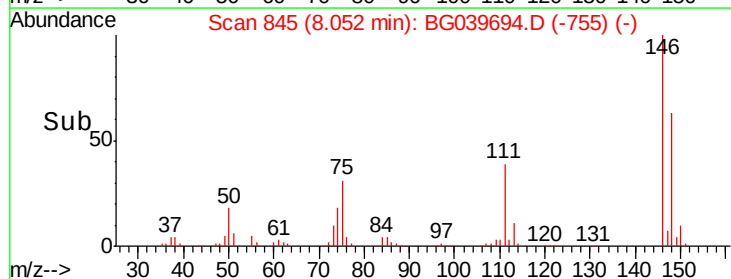
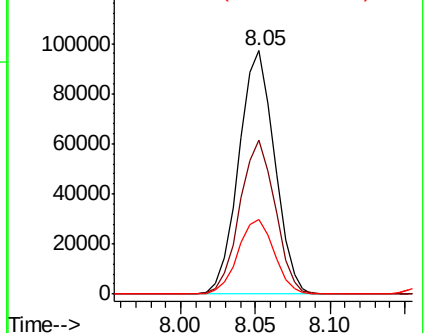
75 30.6 25.8 38.6

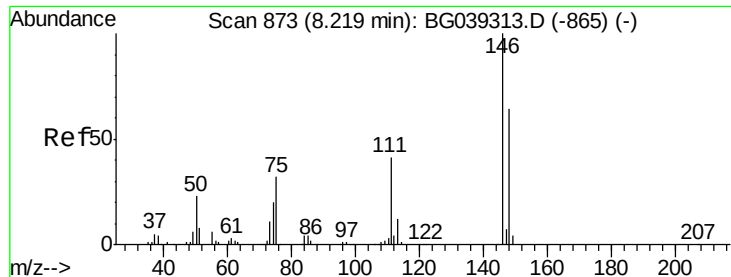


Abundance Ion 146.00 (145.70 to 146.70): BG039694.D (-755) (-)

Ion 148.00 (147.70 to 148.70): BG039694.D (-755) (-)

Ion 75.00 (74.70 to 75.70): BG039694.D (-755) (-)

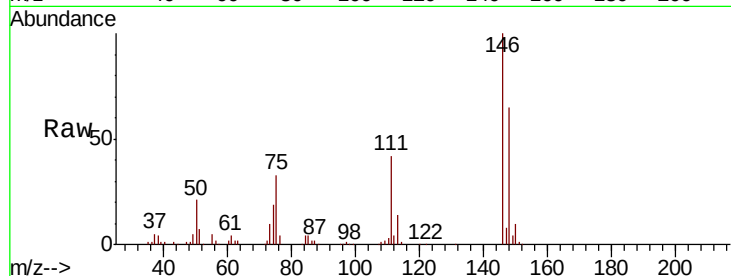




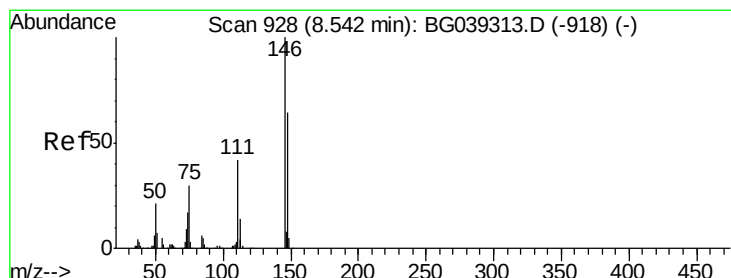
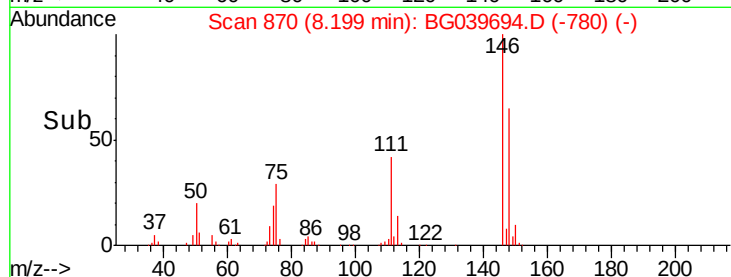
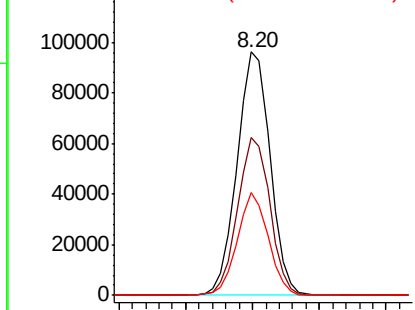
#13
 1,4-Dichlorobenzene
 Concen: 40.731 ng
 RT: 8.20 min Scan# 870
 Delta R.T. -0.00 min
 Lab File: BG039694.D
 Acq: 1 Mar 2019 19:41

Instrument :
 BNA_G
 ClientSampleId :
 PB117492BS

Tot Ion:146 Resp: 164650
 Ion Ratio Lower Upper
 146 100
 148 64.7 51.1 76.7
 111 42.3 32.6 48.8

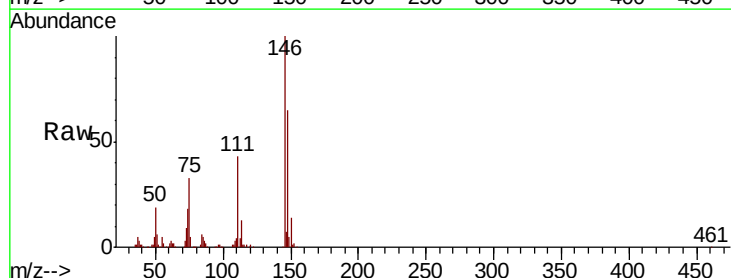


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

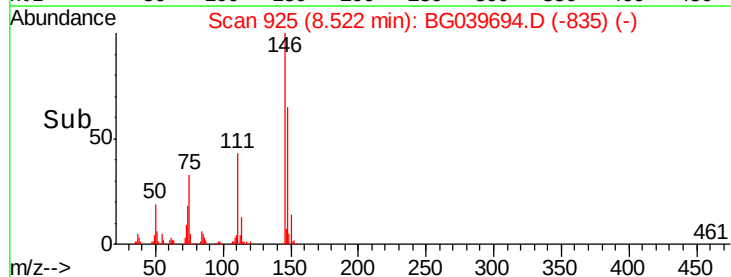
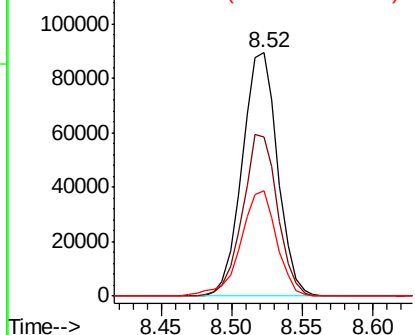


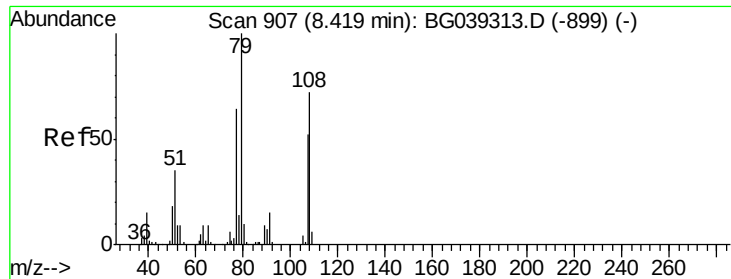
#14
 1,2-Dichlorobenzene
 Concen: 40.094 ng
 RT: 8.52 min Scan# 925
 Delta R.T. -0.00 min
 Lab File: BG039694.D
 Acq: 1 Mar 2019 19:41

Tgt Ion:146 Resp: 156899
 Ion Ratio Lower Upper
 146 100
 148 65.5 51.5 77.3
 111 43.1 33.8 50.6



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





#15

Benzyl Alcohol

Concen: 42.117 ng

RT: 8.40 min Scan# 905

Delta R.T. -0.00 min

Lab File: BG039694.D

Acq: 1 Mar 2019 19:41

Instrument :

BNA_G

ClientSampleId :

PB117492BS

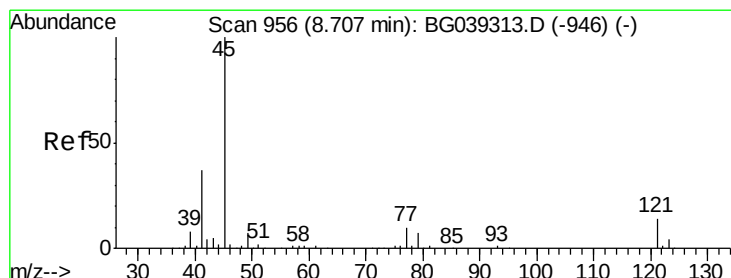
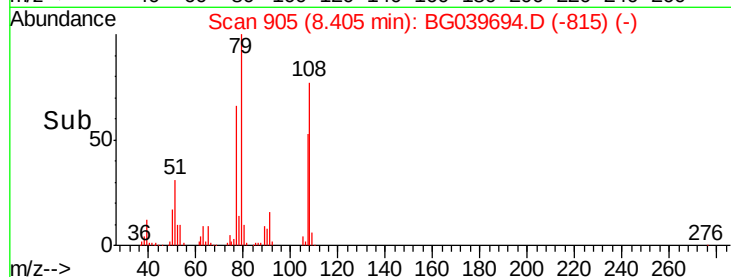
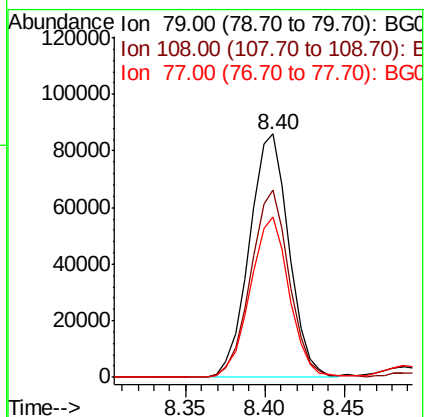
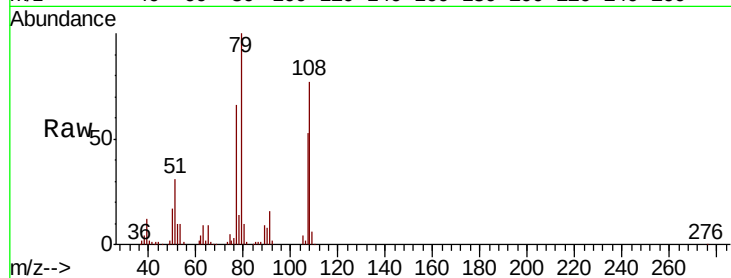
Tot Ion: 79 Resp: 149069

Ion Ratio Lower Upper

79 100

108 77.0 57.8 86.6

77 65.7 51.1 76.7



#16

2,2'-oxybis(1-chloropropane)

Concen: 33.782 ng

RT: 8.68 min Scan# 951

Delta R.T. -0.01 min

Lab File: BG039694.D

Acq: 1 Mar 2019 19:41

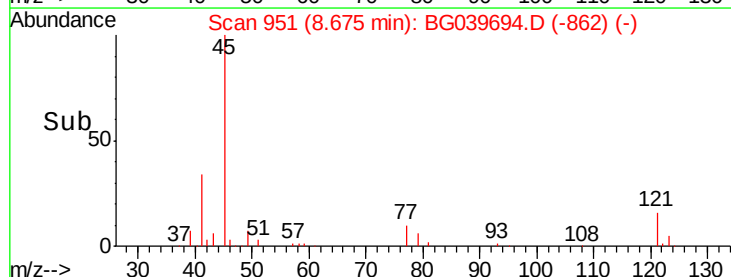
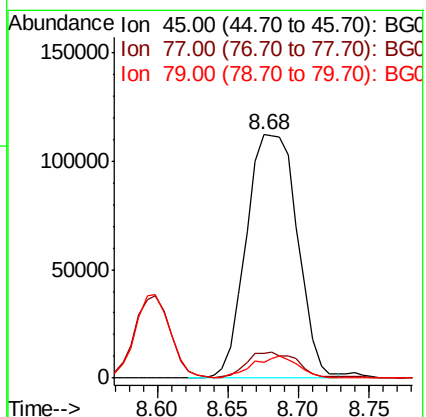
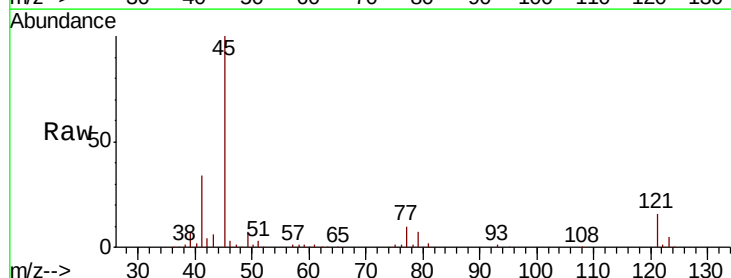
Tgt Ion: 45 Resp: 283291

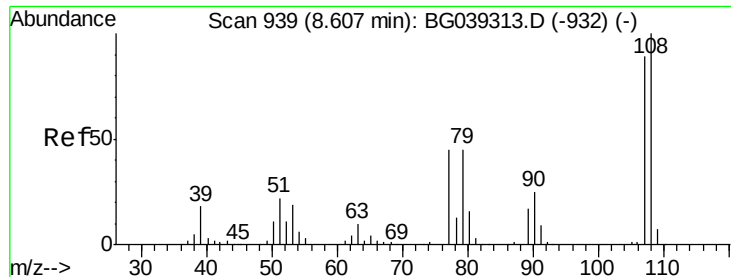
Ion Ratio Lower Upper

45 100

77 10.0 0.0 30.0

79 6.6 0.0 27.5

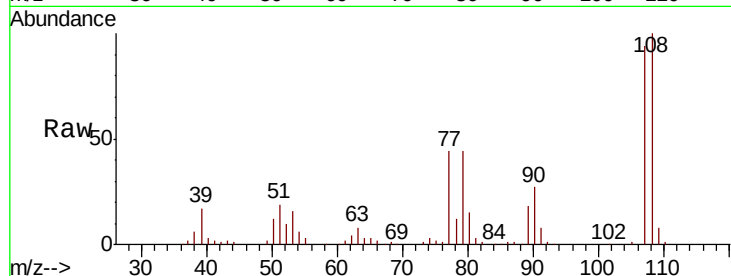




#17
2-Methylphenol
Concen: 46.675 ng
RT: 8.60 min Scan# 938
Delta R.T. -0.00 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

Instrument :
BNA_G
ClientSampleId :
PB117492BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	106.0	90.8	136.2
77	46.1	40.7	61.1
79	46.6	40.6	60.8



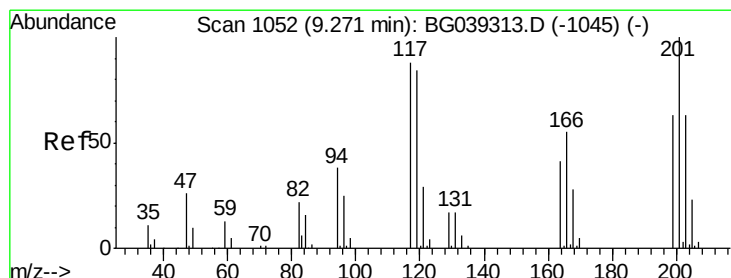
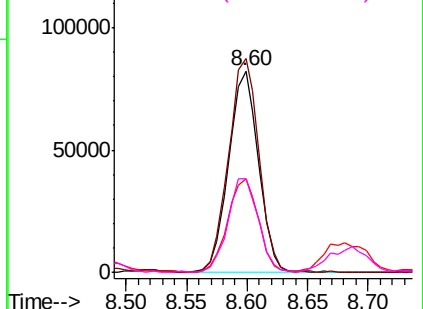
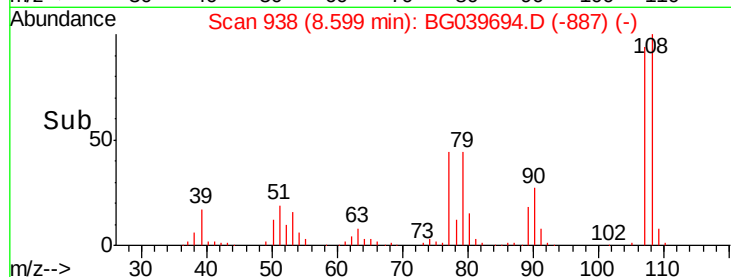
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

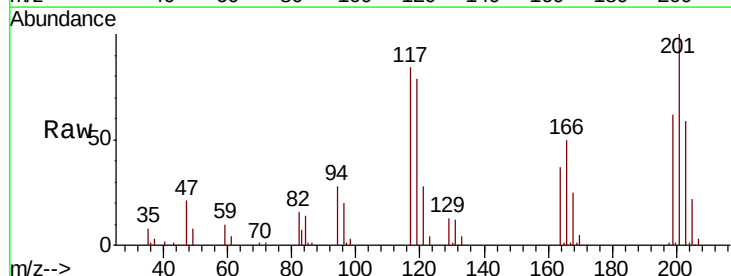
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 41.451 ng
RT: 9.25 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.5	76.3	114.5
201	118.7	91.1	136.7

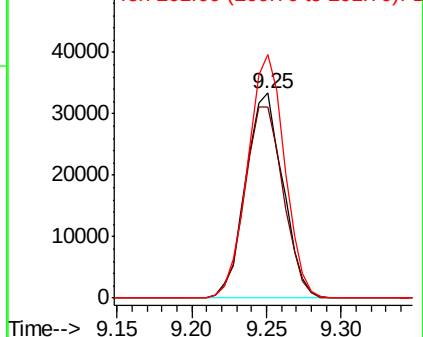
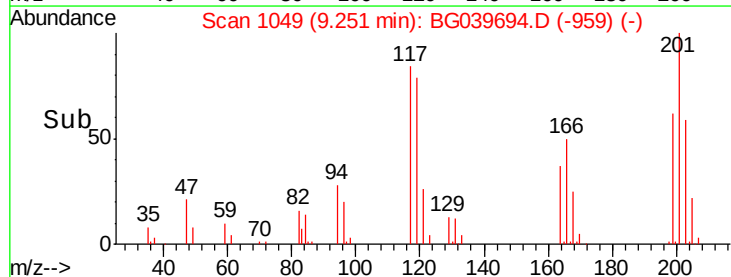


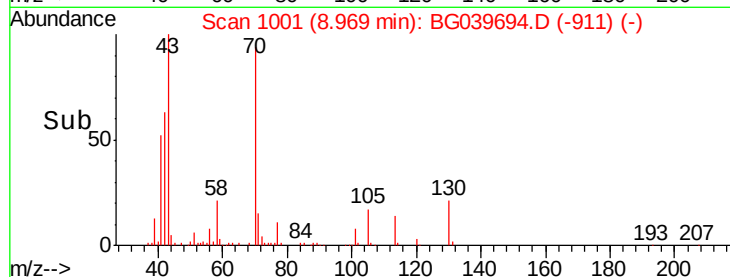
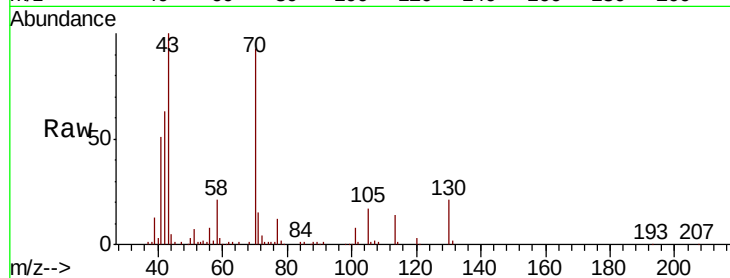
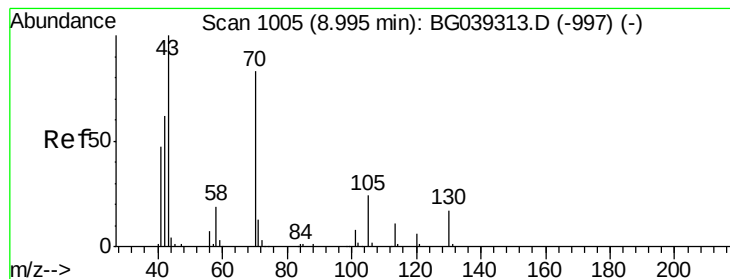
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 38.379 ng

RT: 8.97 min Scan# 1001

Delta R.T. -0.00 min

Lab File: BG039694.D

Acq: 1 Mar 2019 19:41

Instrument :

BNA_G

ClientSampleId :

PB117492BS

Tot Ion: 70 Resp: 122805

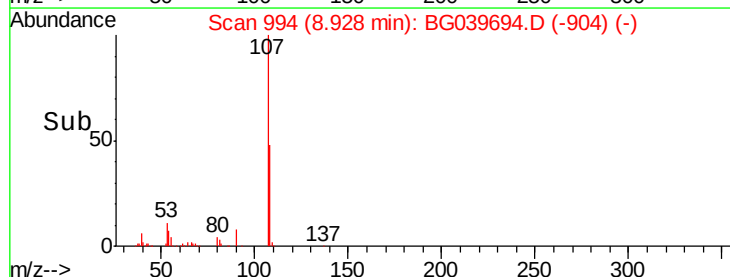
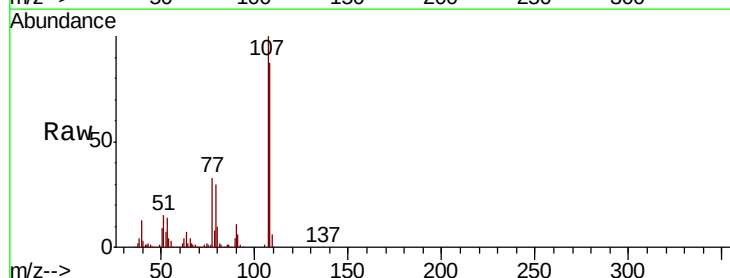
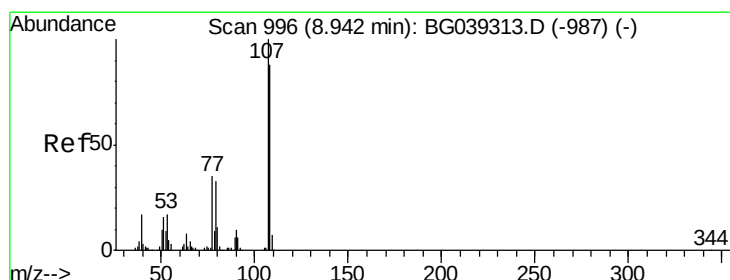
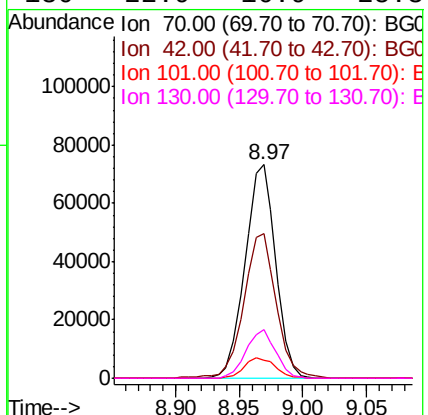
Ion Ratio Lower Upper

70 100

42 67.5 60.4 90.6

101 8.6 7.5 11.3

130 22.9 16.9 25.3



#20

3+4-Methylphenols

Concen: 45.962 ng

RT: 8.93 min Scan# 994

Delta R.T. -0.00 min

Lab File: BG039694.D

Acq: 1 Mar 2019 19:41

Tgt Ion: 107 Resp: 192485

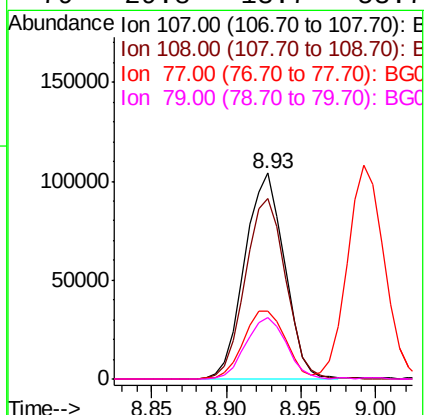
Ion Ratio Lower Upper

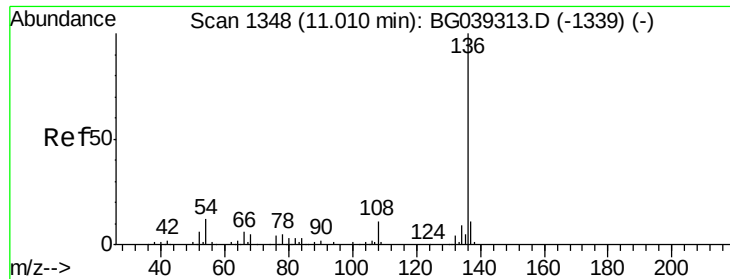
107 100

108 87.5 67.9 107.9

77 33.3 15.4 55.4

79 29.8 13.7 53.7

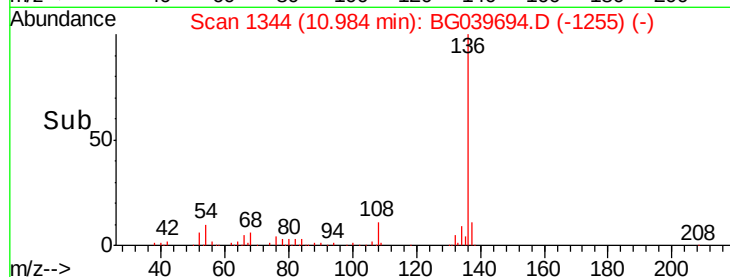
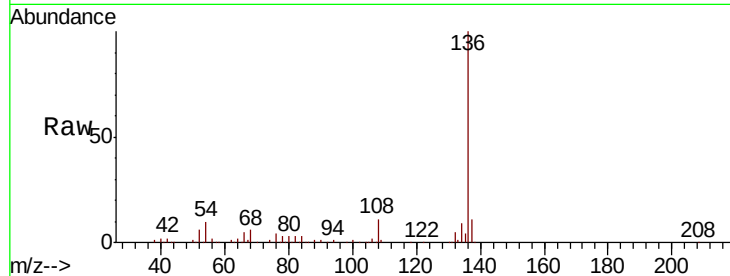




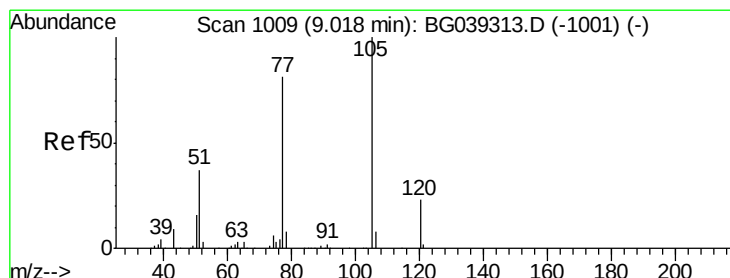
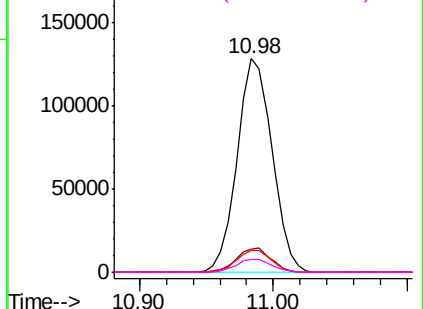
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

Instrument :
BNA_G
ClientSampleId :
PB117492BS

Tot Ion:136	Resp:	233177
Ion	Ratio	Lower Upper
136	100	
137	10.5	9.1 13.7
54	10.2	9.4 14.2
68	6.1	4.2 6.4

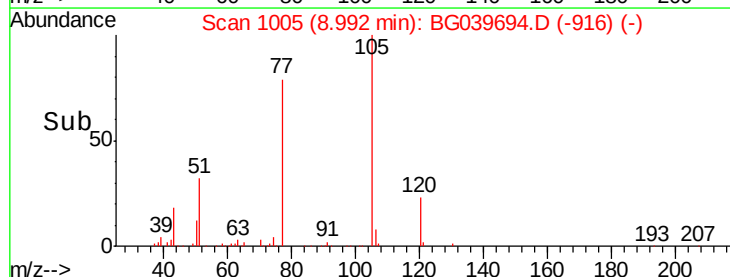
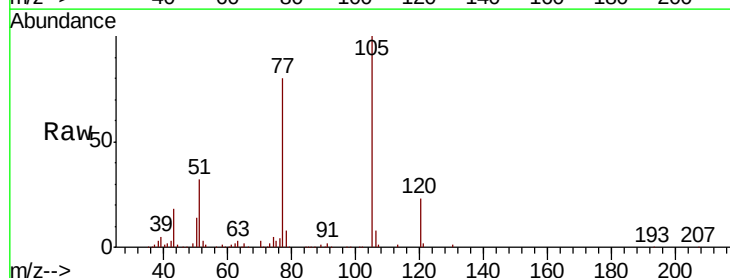


Abundance Ion 136.00 (135.70 to 136.70): E
200000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

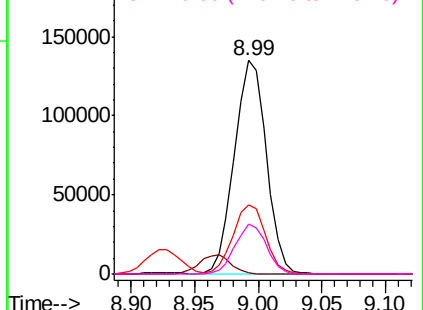


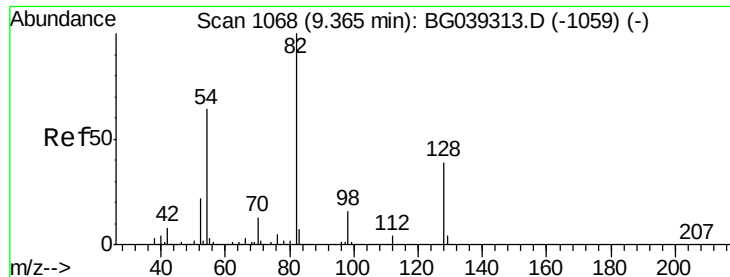
#22
Acetophenone
Concen: 37.664 ng
RT: 8.99 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

Tgt Ion:105	Resp:	235907
Ion	Ratio	Lower Upper
105	100	
71	0.5	0.8 1.2#
51	32.2	30.2 45.2
120	23.4	18.0 27.0



Abundance Ion 105.00 (104.70 to 105.70): E
200000
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

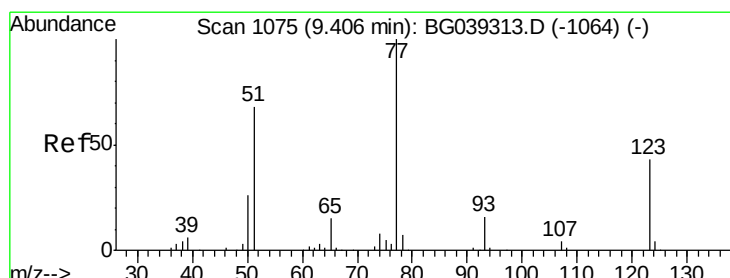
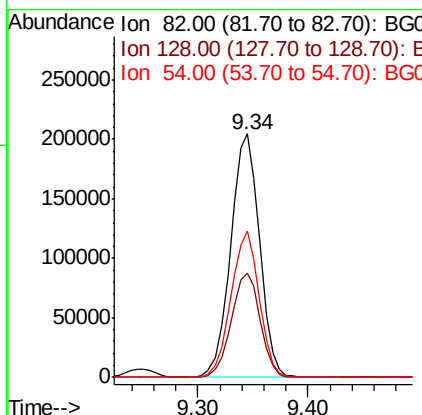
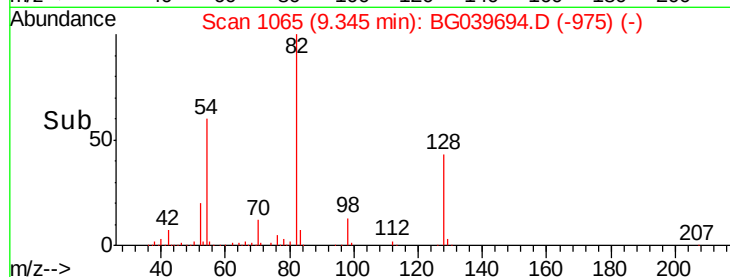
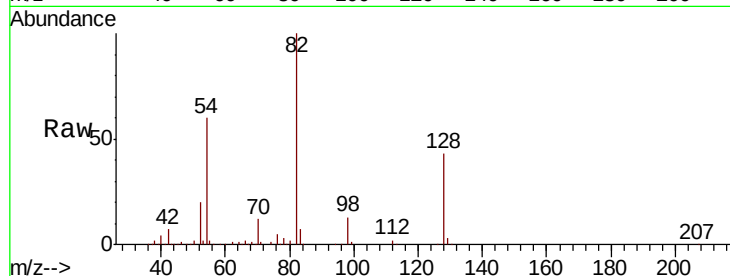




#23
Nitrobenzene-d5
Concen: 100.083 ng
RT: 9.34 min Scan# 1065
Delta R.T. -0.00 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

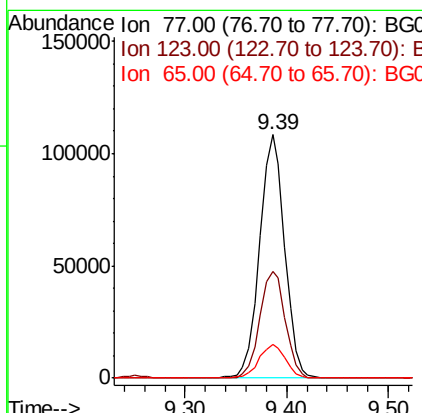
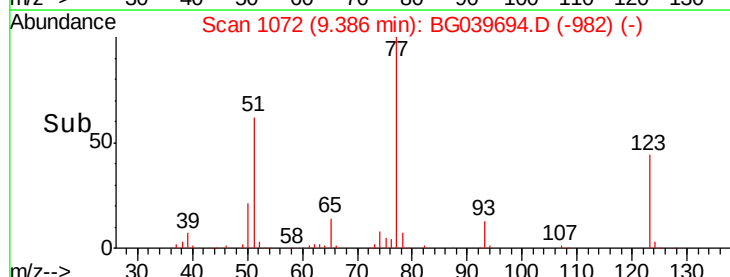
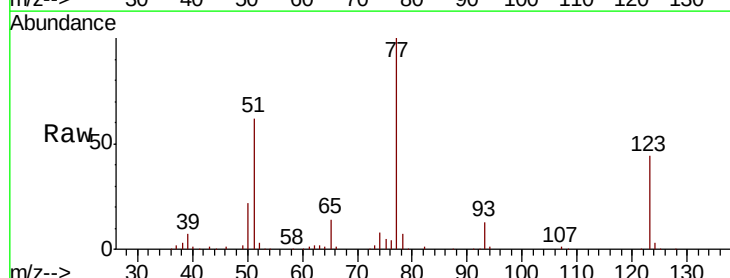
Instrument :
BNA_G
ClientSampleId :
PB117492BS

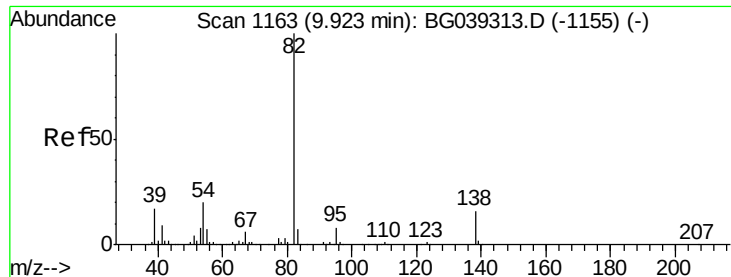
Tot Ion: 82 Resp: 373564
Ion Ratio Lower Upper
82 100
128 42.8 31.3 46.9
54 60.0 50.9 76.3



#24
Nitrobenzene
Concen: 45.936 ng
RT: 9.39 min Scan# 1072
Delta R.T. -0.00 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

Tgt Ion: 77 Resp: 185231
Ion Ratio Lower Upper
77 100
123 43.8 34.1 51.1
65 14.1 12.3 18.5





#25

Isophorone

Concen: 42.472 ng

RT: 9.90 min Scan# 1159

Delta R.T. -0.00 min

Lab File: BG039694.D

Acq: 1 Mar 2019 19:41

Instrument :

BNA_G

ClientSampleId :

PB117492BS

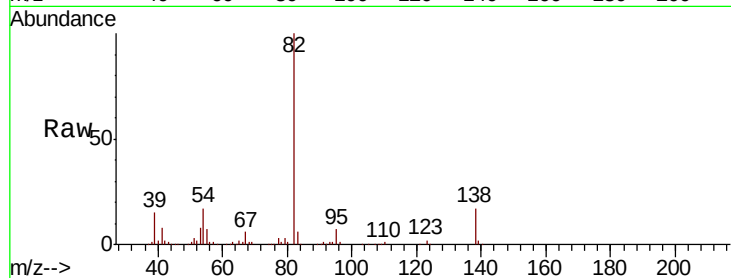
Tot Ion: 82 Resp: 351295

Ion Ratio Lower Upper

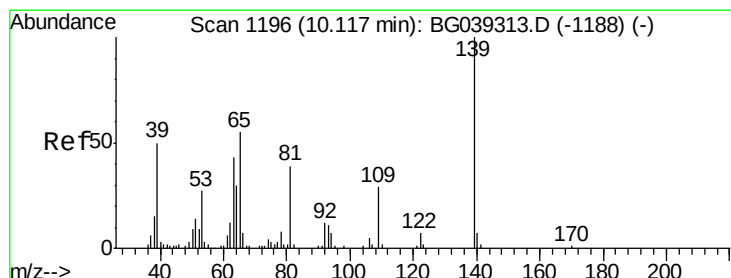
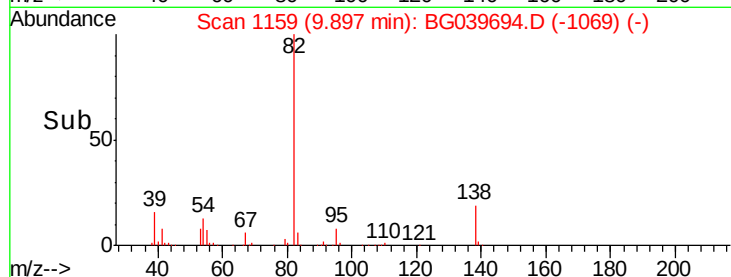
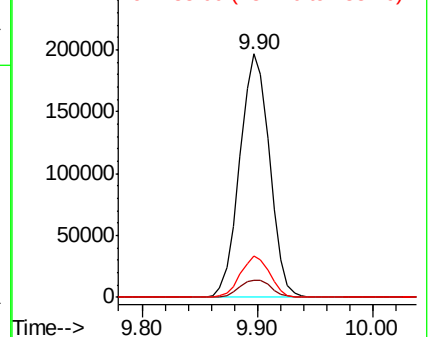
82 100

95 7.2 6.2 9.2

138 16.8 13.0 19.4



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 55.341 ng

RT: 10.10 min Scan# 1193

Delta R.T. -0.00 min

Lab File: BG039694.D

Acq: 1 Mar 2019 19:41

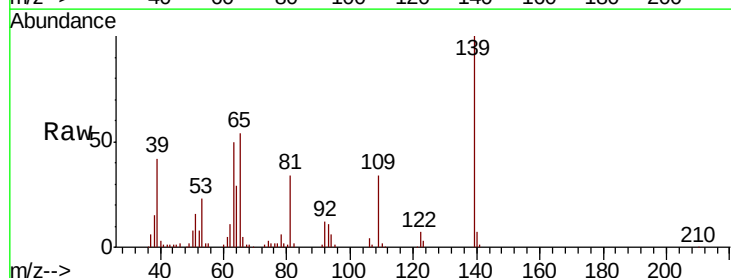
Tgt Ion: 139 Resp: 91776

Ion Ratio Lower Upper

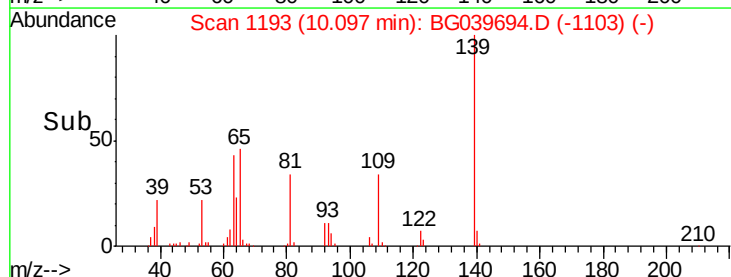
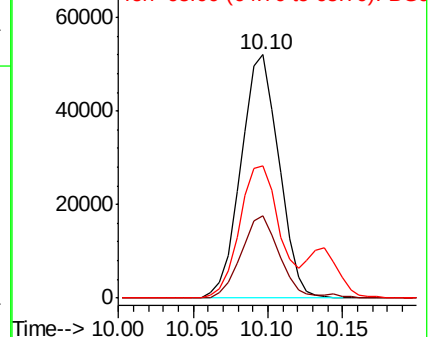
139 100

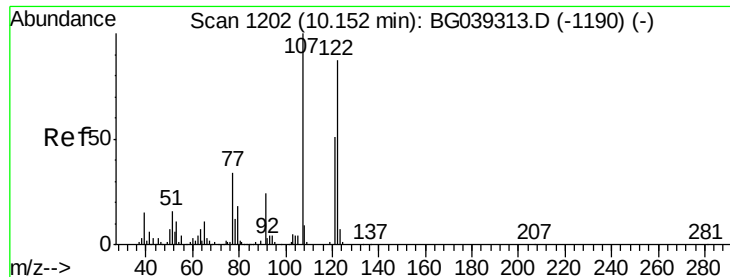
109 33.6 23.4 35.0

65 54.1 44.3 66.5



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

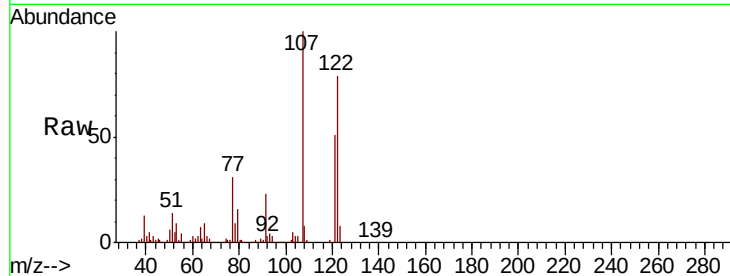




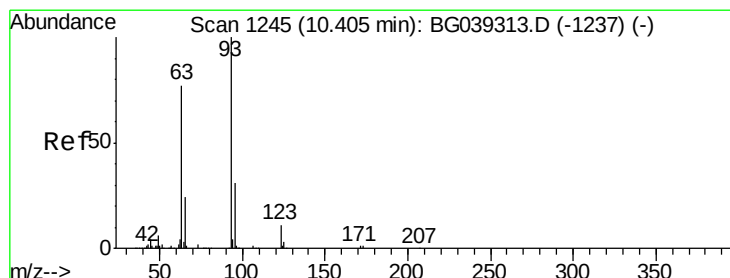
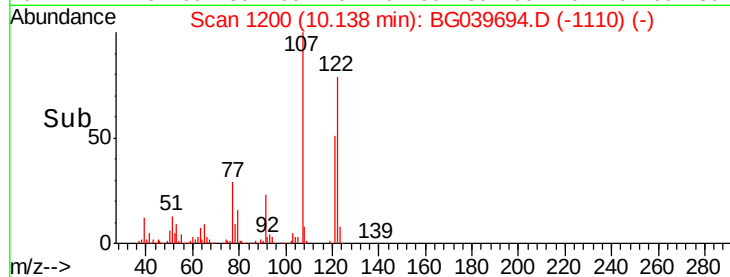
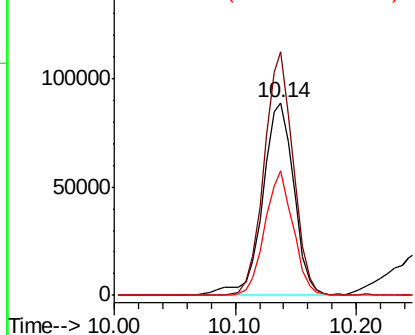
#27
2,4-Dimethylphenol
Concen: 47.392 ng
RT: 10.14 min Scan# 1200
Delta R.T. -0.00 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

Instrument :
BNA_G
ClientSampleId :
PB117492BS

Tot Ion:122 Resp: 158570
Ion Ratio Lower Upper
122 100
107 126.4 91.7 137.5
121 64.4 46.4 69.6

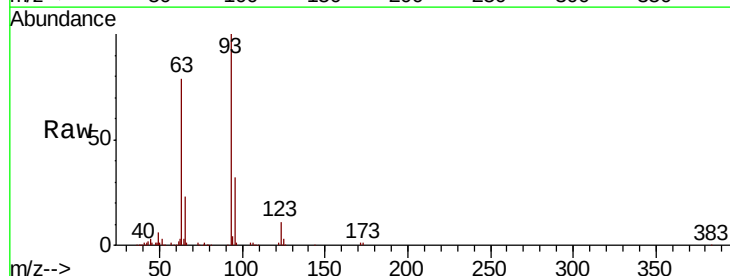


Abundance Ion 122.00 (121.70 to 122.70): E
150000 Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

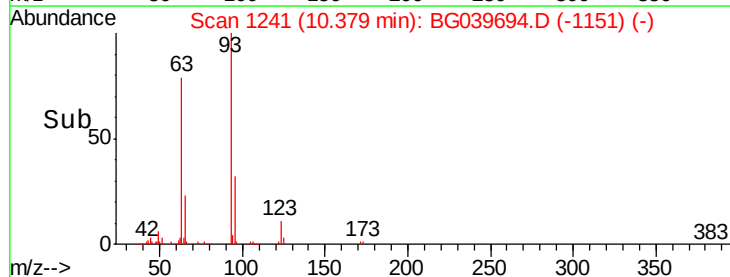
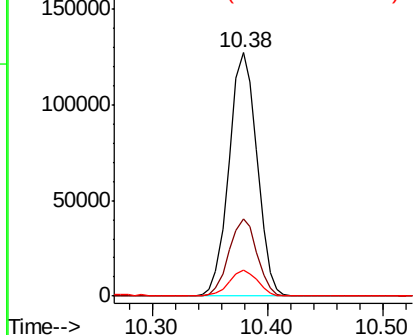


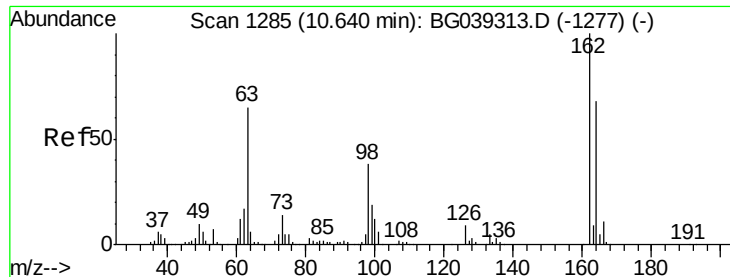
#28
bis(2-Chloroethoxy)methane
Concen: 42.118 ng
RT: 10.38 min Scan# 1241
Delta R.T. -0.00 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

Tgt Ion: 93 Resp: 214576
Ion Ratio Lower Upper
93 100
95 31.5 25.0 37.4
123 10.7 8.6 12.8



Abundance Ion 93.00 (92.70 to 93.70): BGC
150000 Ion 95.00 (94.70 to 95.70): BGC
Ion 123.00 (122.70 to 123.70): E

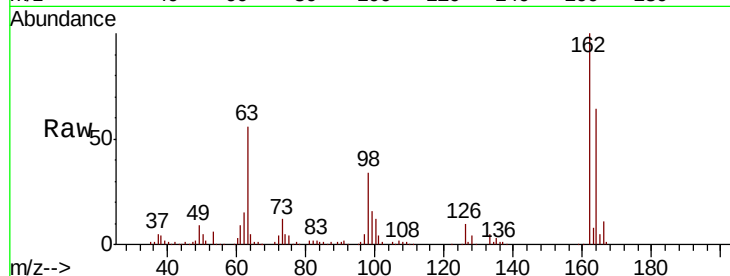




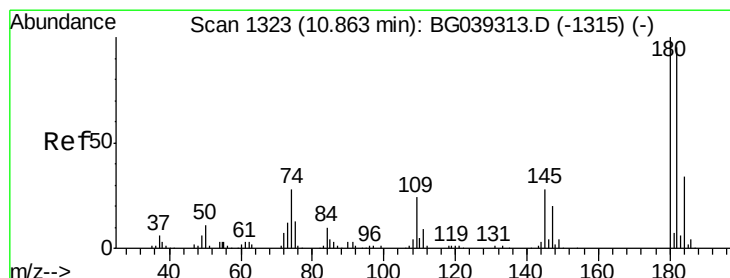
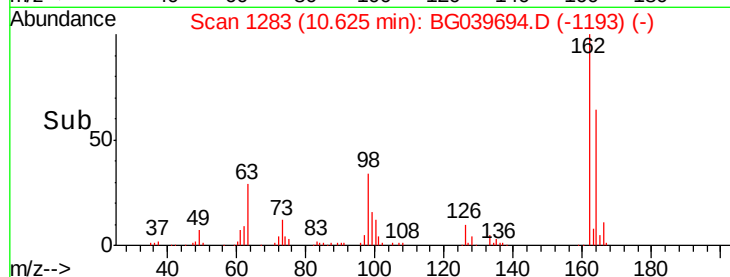
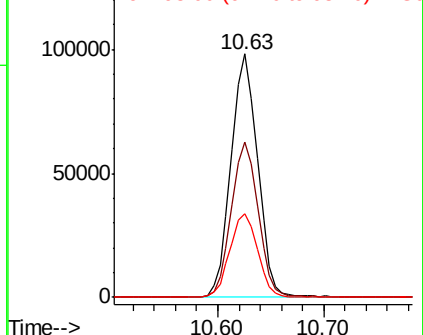
#29
 2,4-Dichlorophenol
 Concen: 46.912 ng
 RT: 10.63 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: BG039694.D
 Acq: 1 Mar 2019 19:41

Instrument :
 BNA_G
 ClientSampleId :
 PB117492BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.7	48.1	88.1
98	34.4	18.1	58.1

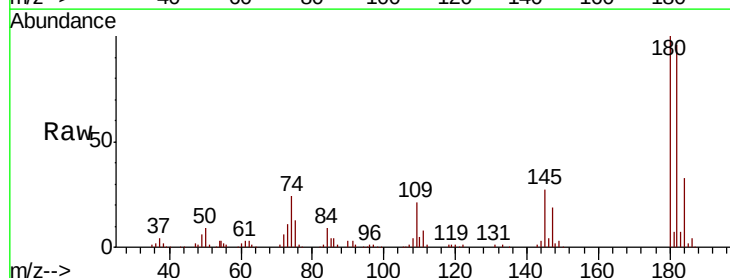


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

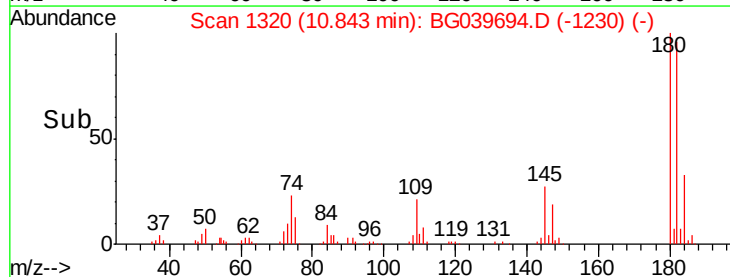
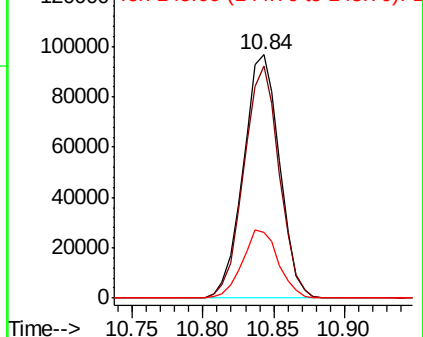


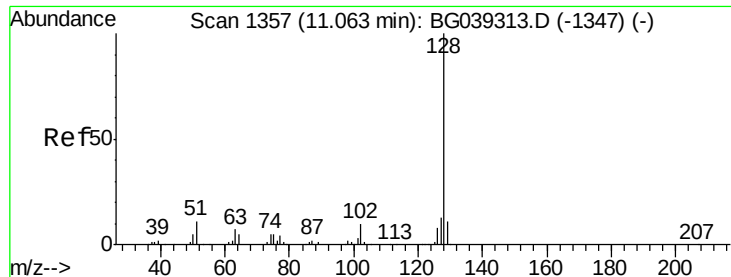
#30
 1,2,4-Trichlorobenzene
 Concen: 42.339 ng
 RT: 10.84 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: BG039694.D
 Acq: 1 Mar 2019 19:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.0	114.0
145	27.0	22.7	34.1



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

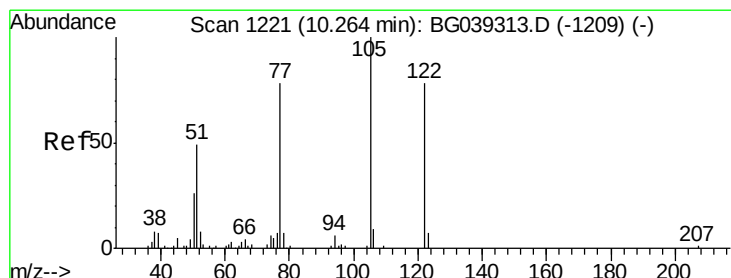
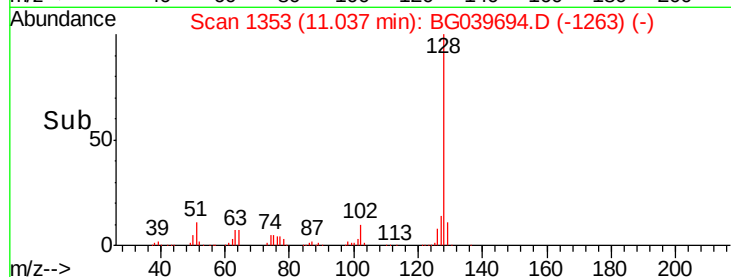
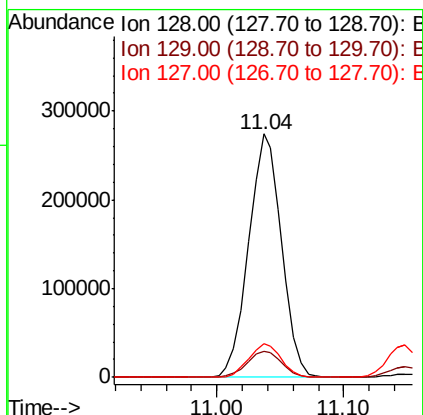
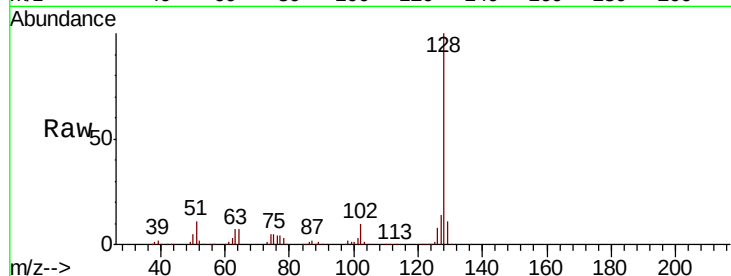




#31
Naphthalene
Concen: 42.548 ng
RT: 11.04 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

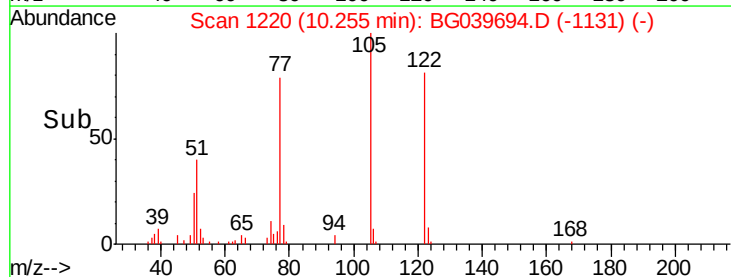
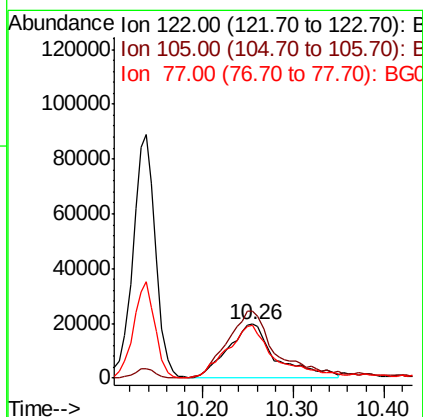
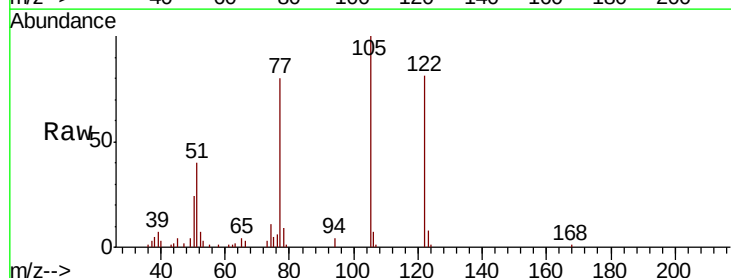
Instrument :
BNA_G
ClientSampleId :
PB117492BS

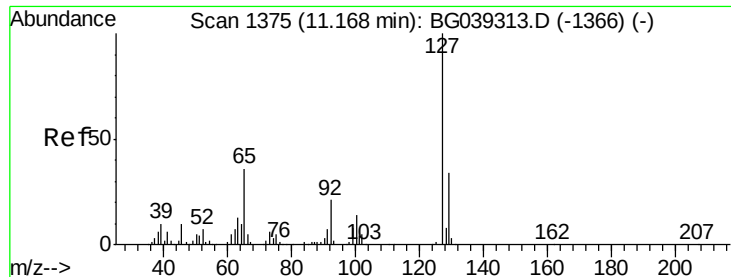
Tot Ion:128 Resp: 492187
Ion Ratio Lower Upper
128 100
129 10.7 8.7 13.1
127 14.0 10.8 16.2



#32
Benzoic acid
Concen: 34.983 ng
RT: 10.26 min Scan# 1220
Delta R.T. -0.01 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

Tgt Ion:122 Resp: 70048
Ion Ratio Lower Upper
122 100
105 123.6 101.8 141.8
77 98.4 76.3 116.3

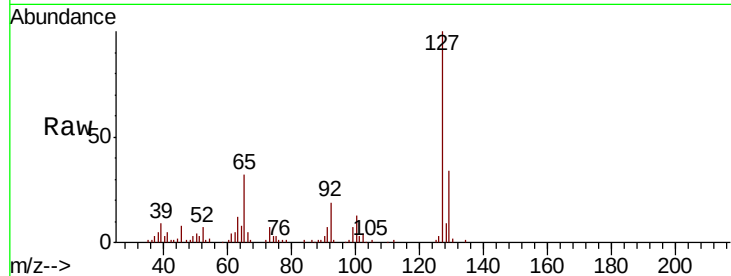




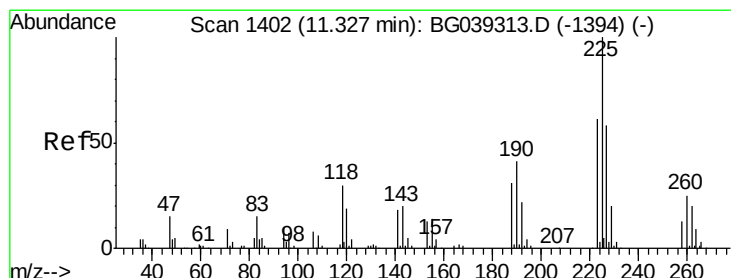
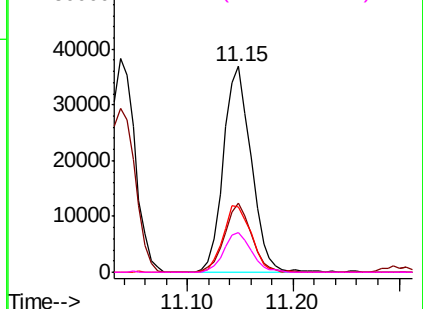
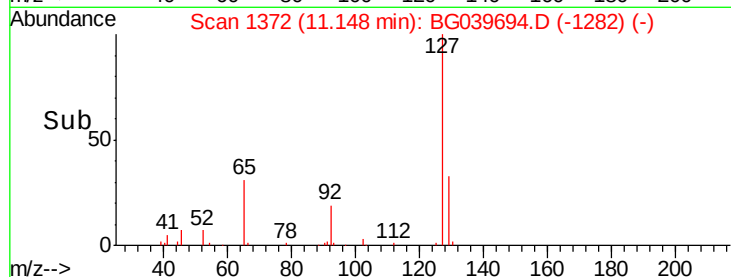
#33
4-Chloroaniline
Concen: 12.590 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.00 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

Instrument :
BNA_G
ClientSampleId :
PB117492BS

Tot Ion:	127	Resp:	67527
Ion	Ratio	Lower	Upper
127	100		
129	33.8	27.0	40.4
65	32.0	28.8	43.2
92	19.5	16.6	25.0

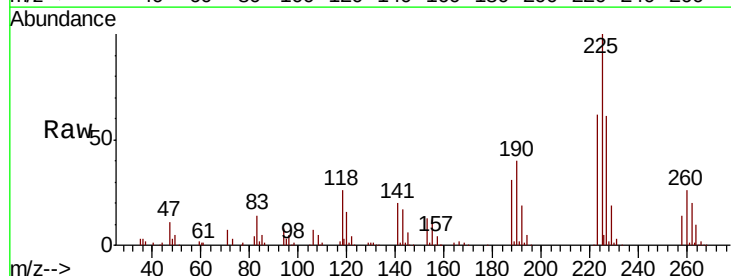


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

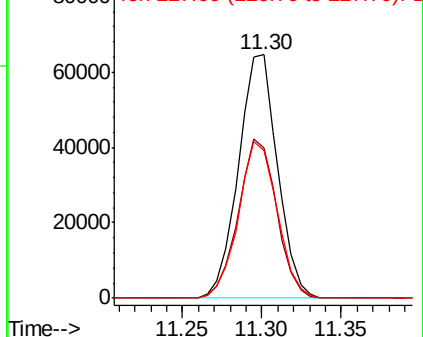
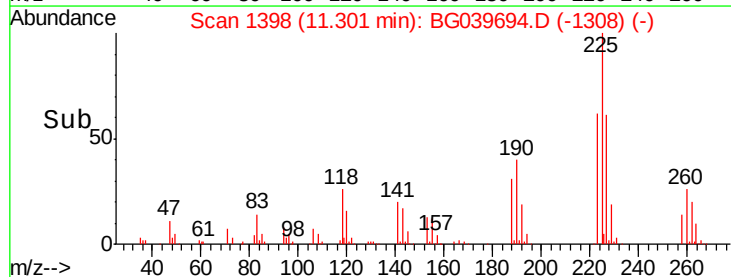


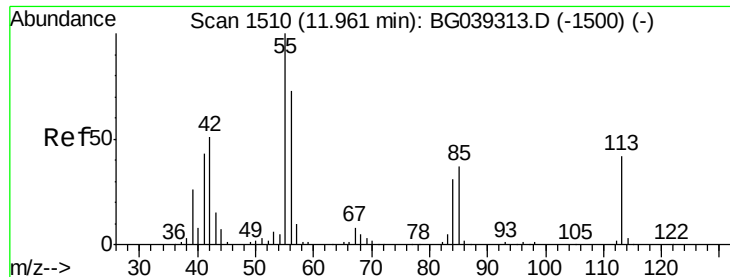
#34
Hexachlorobutadiene
Concen: 40.349 ng
RT: 11.30 min Scan# 1398
Delta R.T. -0.00 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

Tgt Ion:	225	Resp:	110167
Ion	Ratio	Lower	Upper
225	100		
223	61.8	49.0	73.6
227	60.8	46.3	69.5



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: 37.323 ng

RT: 11.93 min Scan# 1505

Delta R.T. -0.01 min

Lab File: BG039694.D

Acq: 1 Mar 2019 19:41

Instrument :

BNA_G

ClientSampleId :

PB117492BS

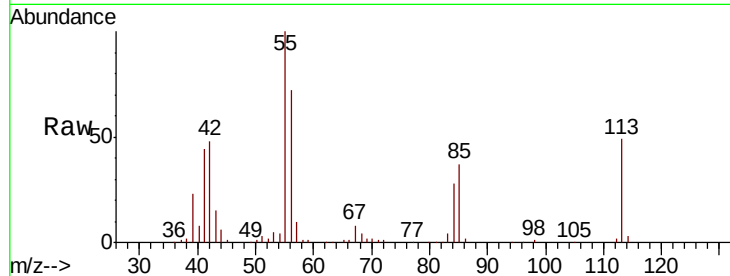
Tot Ion:113 Resp: 56479

Ion Ratio Lower Upper

113 100

55 202.7 216.9 256.9#

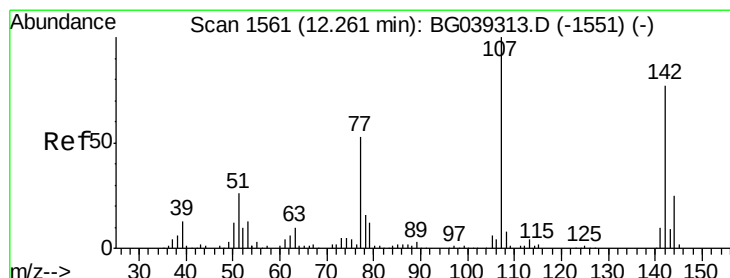
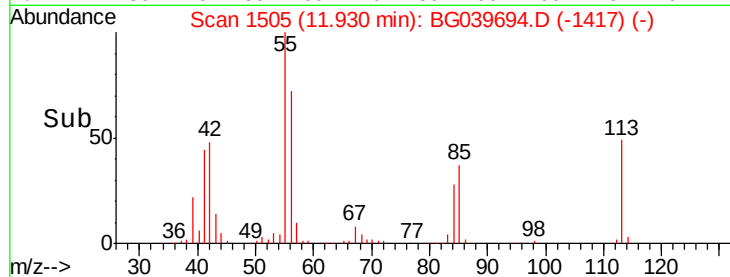
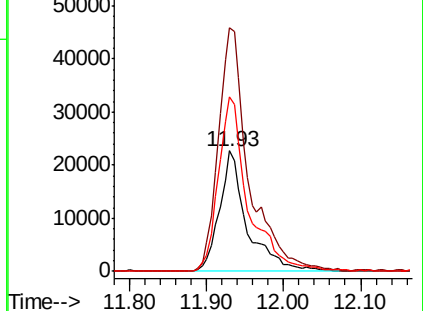
56 145.2 152.6 192.6#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 42.277 ng

RT: 12.25 min Scan# 1559

Delta R.T. -0.00 min

Lab File: BG039694.D

Acq: 1 Mar 2019 19:41

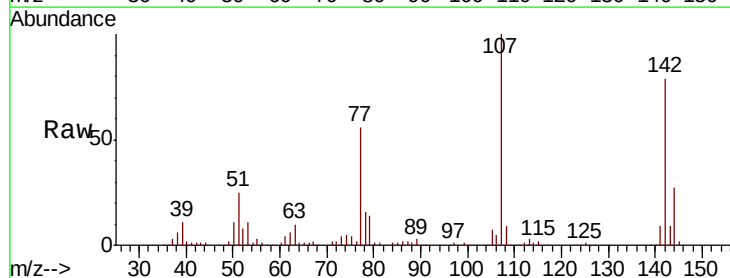
Tgt Ion:107 Resp: 178797

Ion Ratio Lower Upper

107 100

144 26.6 20.2 30.2

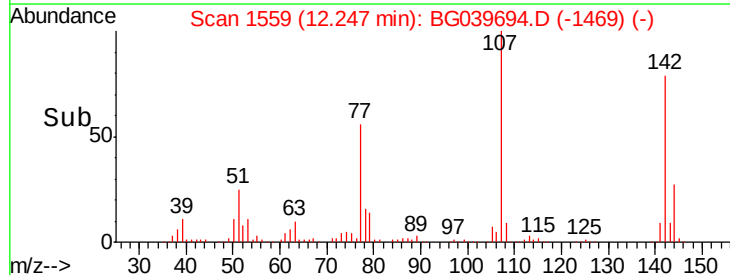
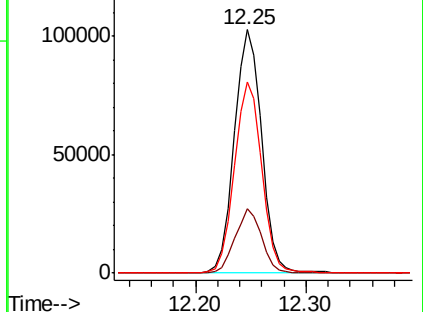
142 78.7 61.4 92.2

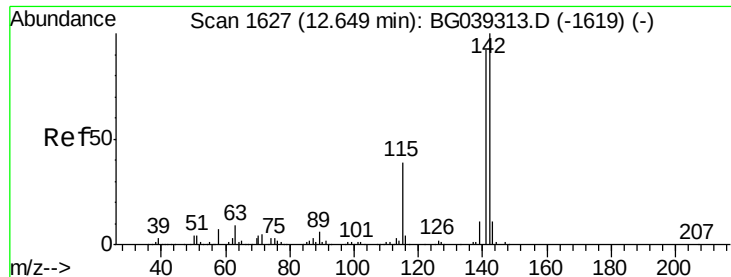


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

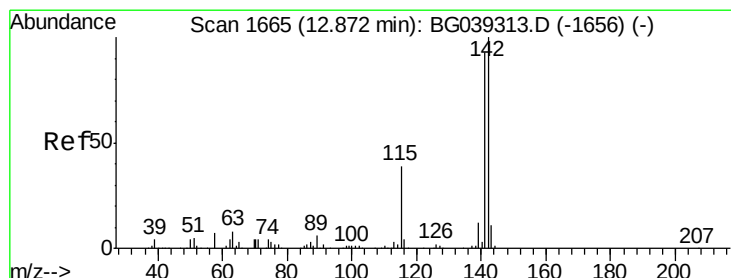
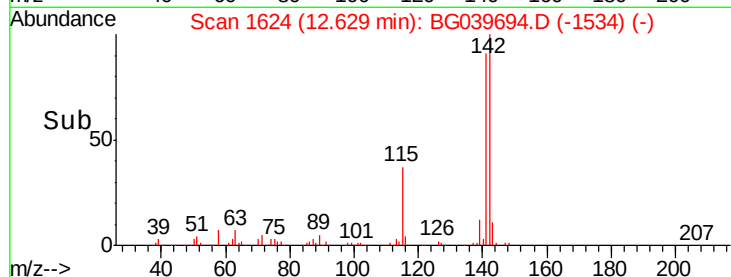
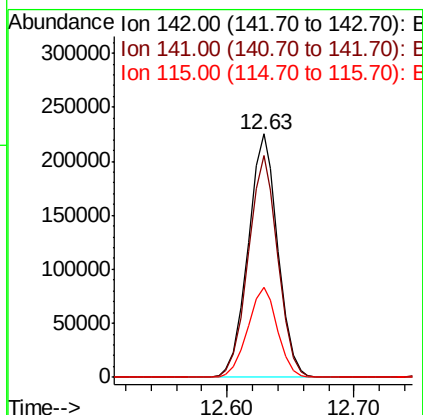
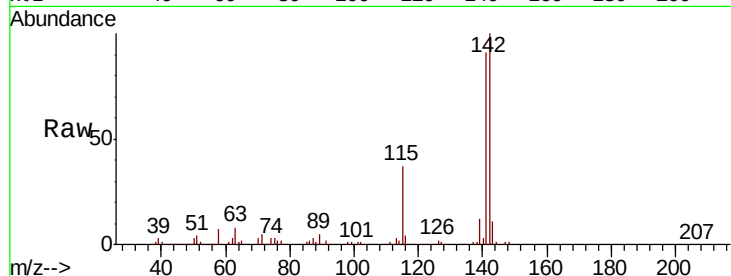




#37
2-Methylnaphthalene
Concen: 42.712 ng
RT: 12.63 min Scan# 1624
Delta R.T. -0.00 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

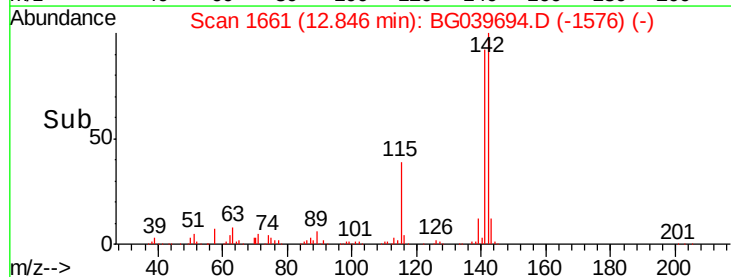
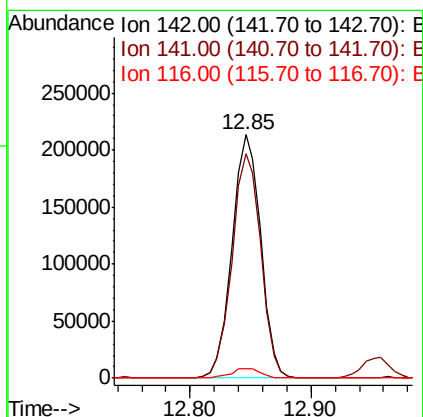
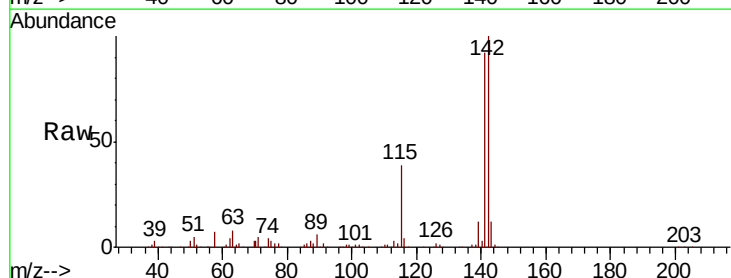
Instrument :
BNA_G
ClientSampleId :
PB117492BS

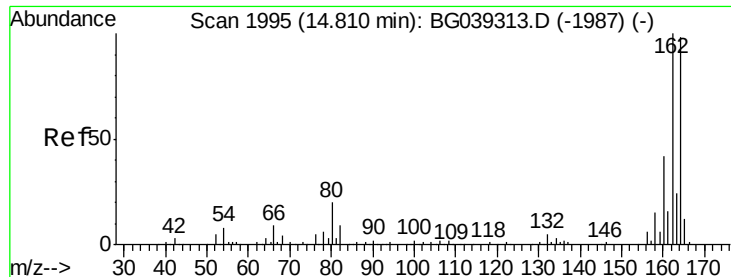
Tot Ion:142 Resp: 365944
Ion Ratio Lower Upper
142 100
141 91.0 73.5 110.3
115 37.1 30.8 46.2



#38
1-Methylnaphthalene
Concen: 42.632 ng
RT: 12.85 min Scan# 1661
Delta R.T. -0.00 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

Tgt Ion:142 Resp: 352093
Ion Ratio Lower Upper
142 100
141 92.2 74.2 111.4
116 3.9 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.79 min Scan# 1992

Delta R.T. -0.00 min

Lab File: BG039694.D

Acq: 1 Mar 2019 19:41

Instrument :

BNA_G

ClientSampleId :

PB117492BS

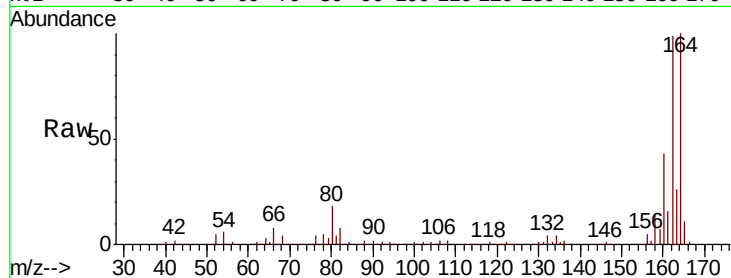
Tot Ion:164 Resp: 153084

Ion Ratio Lower Upper

164 100

162 98.8 81.6 122.4

160 42.9 34.2 51.2

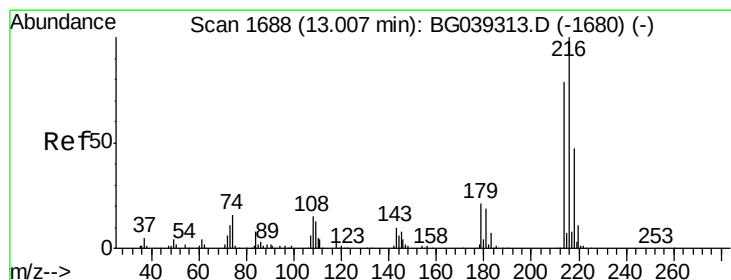
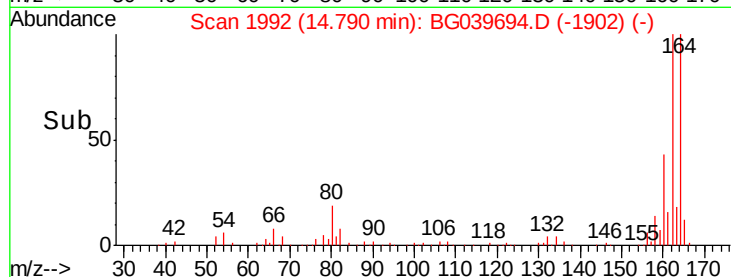
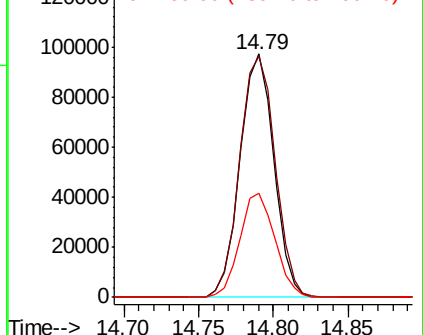


Abundance

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: 41.879 ng

RT: 12.99 min Scan# 1685

Delta R.T. -0.00 min

Lab File: BG039694.D

Acq: 1 Mar 2019 19:41

Tgt Ion:216 Resp: 203980

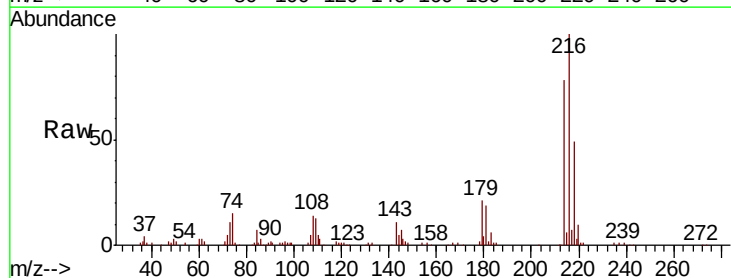
Ion Ratio Lower Upper

216 100

214 78.5 62.6 94.0

179 21.1 16.6 25.0

108 18.6 14.0 21.0



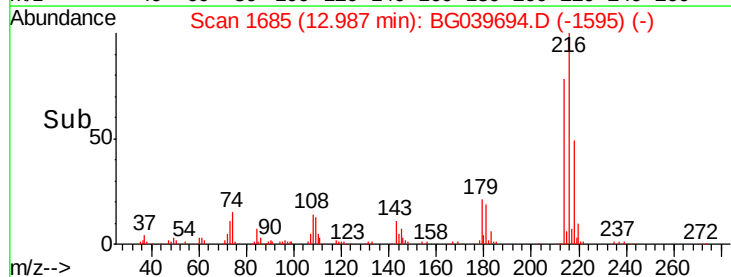
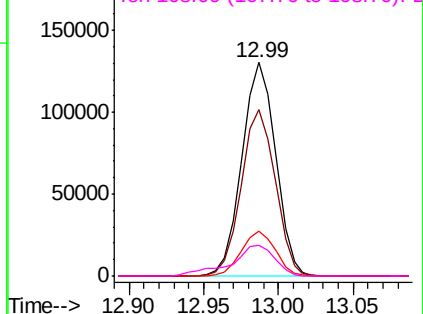
Abundance

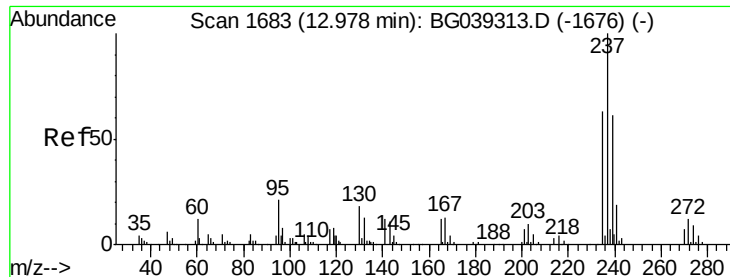
Ion 216.00 (215.70 to 216.70): E

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: 100.452 ng

RT: 12.96 min Scan# 1680

Delta R.T. -0.00 min

Lab File: BG039694.D

Acq: 1 Mar 2019 19:41

Instrument :

BNA_G

ClientSampleId :

PB117492BS

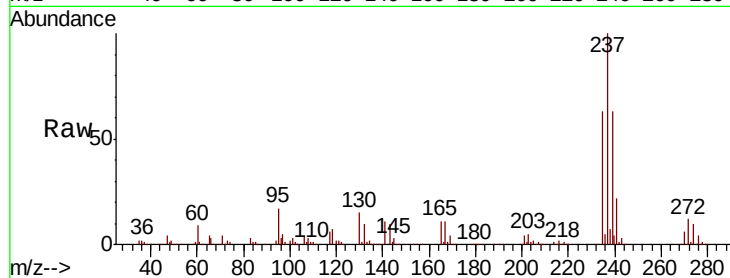
Tot Ion:237 Resp: 266610

Ion Ratio Lower Upper

237 100

235 63.3 43.3 83.3

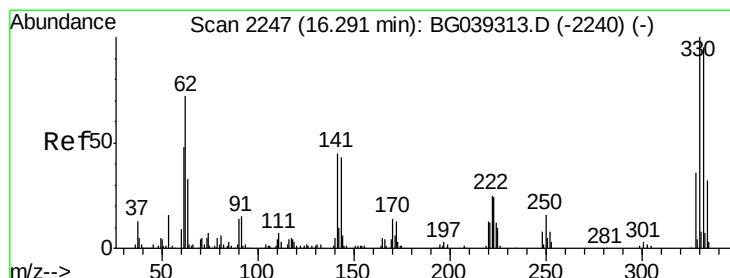
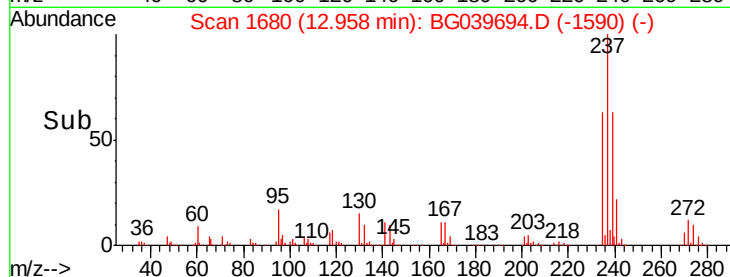
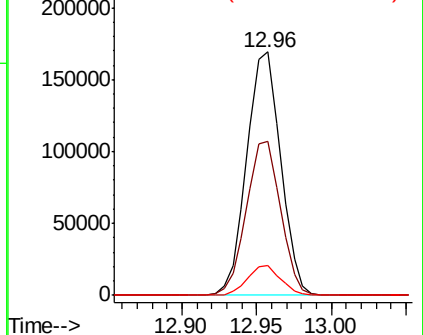
272 12.3 0.0 32.3



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: 133.011 ng

RT: 16.28 min Scan# 2245

Delta R.T. -0.00 min

Lab File: BG039694.D

Acq: 1 Mar 2019 19:41

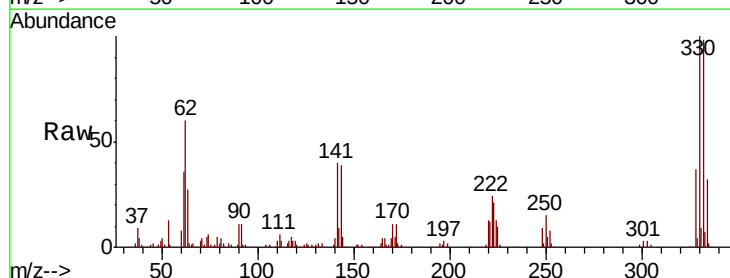
Tgt Ion:330 Resp: 219263

Ion Ratio Lower Upper

330 100

332 96.4 75.7 113.5

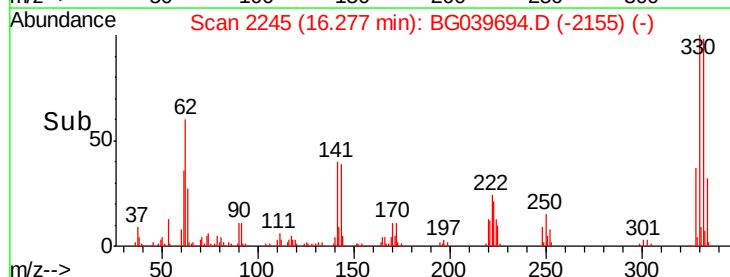
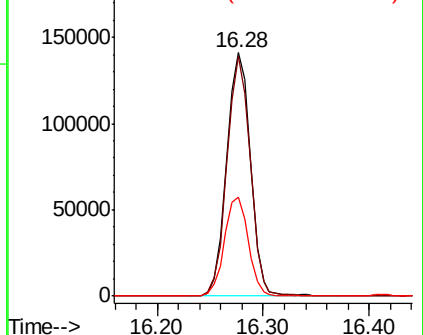
141 40.9 35.6 53.4

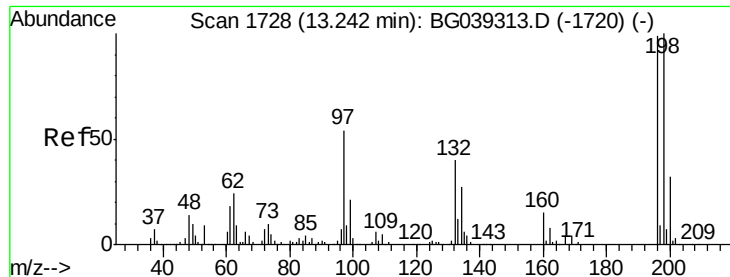


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

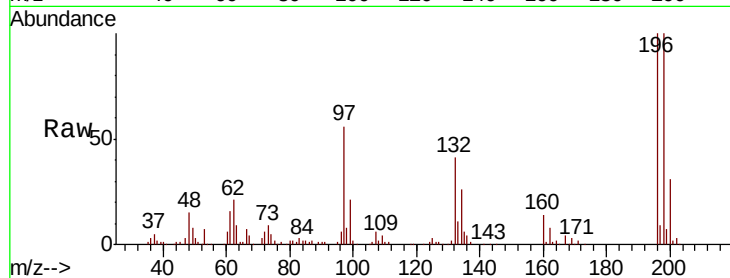




#43
 2,4,6-Trichlorophenol
 Concen: 46.499 ng
 RT: 13.22 min Scan# 1725
 Delta R.T. -0.01 min
 Lab File: BG039694.D
 Acq: 1 Mar 2019 19:41

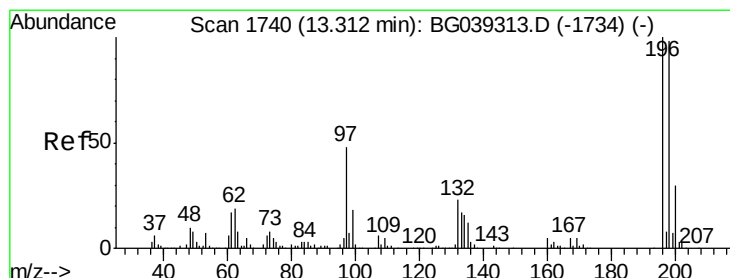
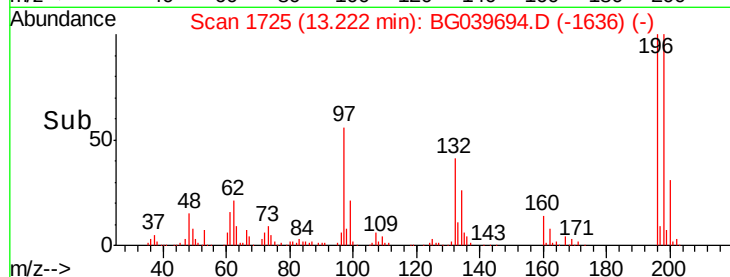
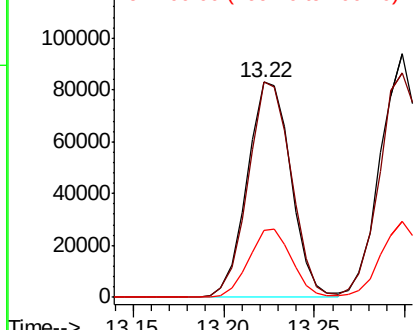
Instrument :
 BNA_G
 ClientSampleId :
 PB117492BS

Tot Ion:196 Resp: 139253
 Ion Ratio Lower Upper
 196 100
 198 100.1 80.6 121.0
 200 30.9 26.1 39.1



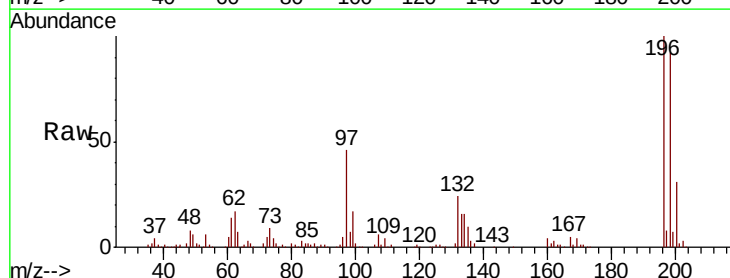
Abundance

Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E



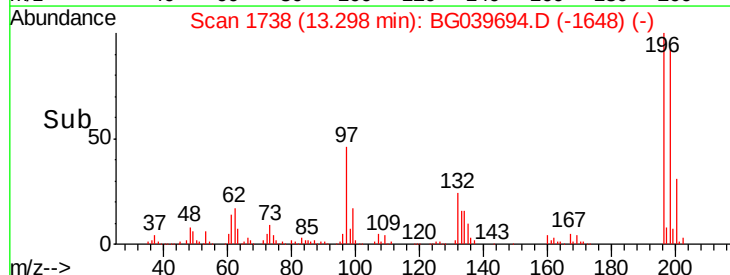
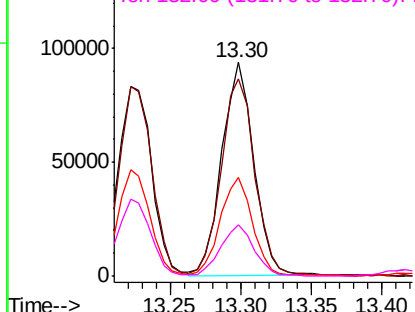
#44
 2,4,5-Trichlorophenol
 Concen: 47.127 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.00 min
 Lab File: BG039694.D
 Acq: 1 Mar 2019 19:41

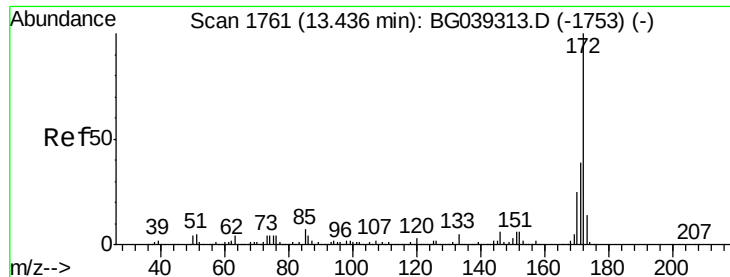
Tgt Ion:196 Resp: 147920
 Ion Ratio Lower Upper
 196 100
 198 92.2 78.5 117.7
 97 46.1 38.4 57.6
 132 24.1 19.2 28.8



Abundance

Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

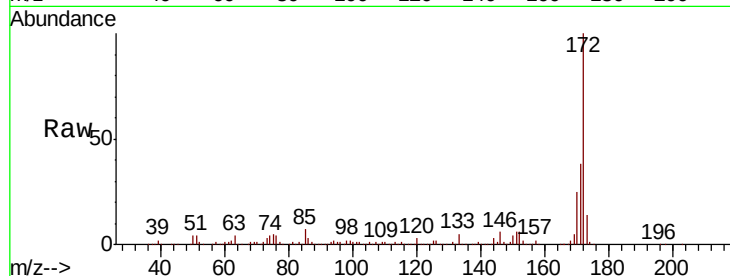




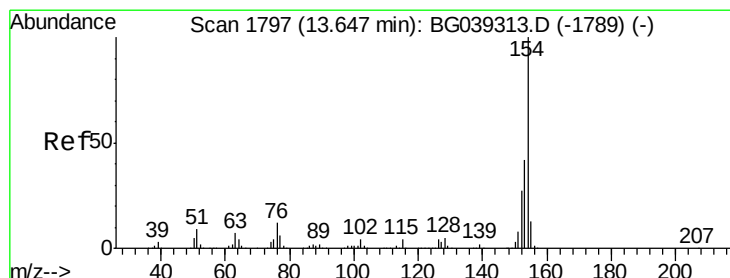
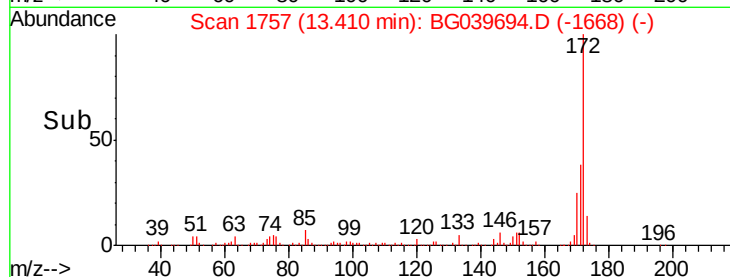
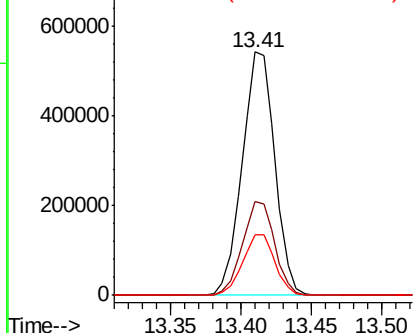
#45
2-Fluorobiphenyl
Concen: 82.101 ng
RT: 13.41 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

Instrument :
BNA_G
ClientSampleId :
PB117492BS

Tot Ion:172 Resp: 876118
Ion Ratio Lower Upper
172 100
171 38.5 30.8 46.2
170 25.1 20.2 30.4

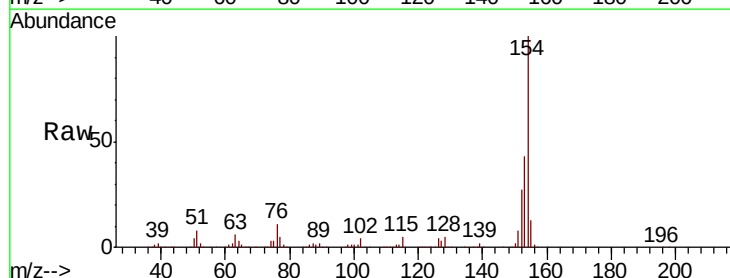


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

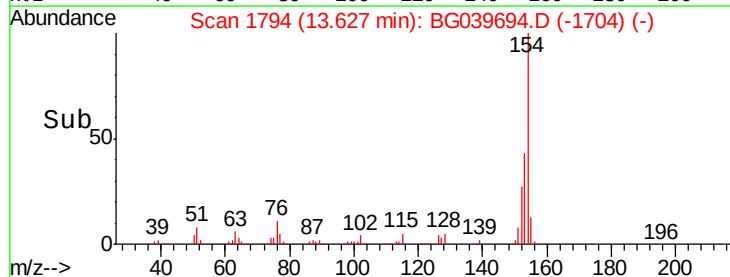
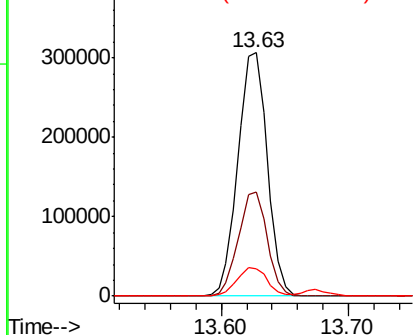


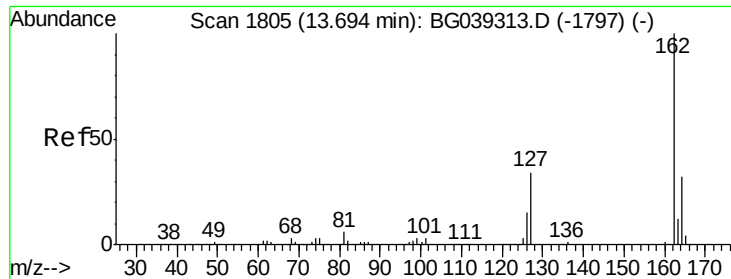
#46
1,1'-Biphenyl
Concen: 38.670 ng
RT: 13.63 min Scan# 1794
Delta R.T. -0.00 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

Tgt Ion:154 Resp: 492544
Ion Ratio Lower Upper
154 100
153 42.8 22.1 62.1
76 11.3 0.0 32.4



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

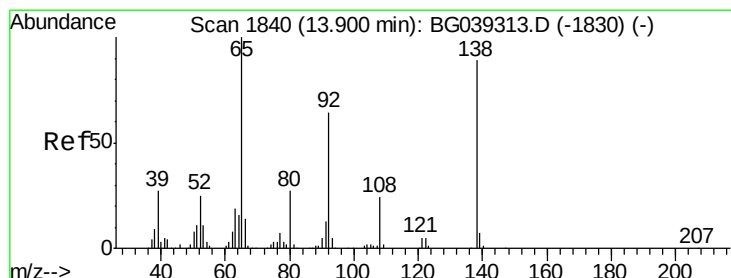
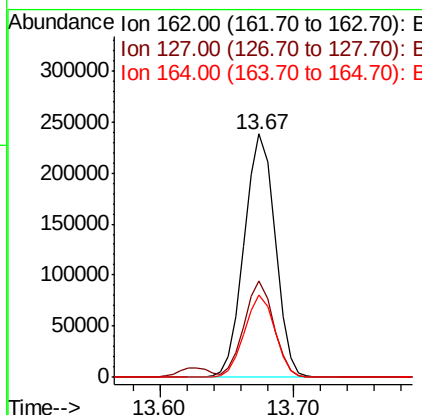
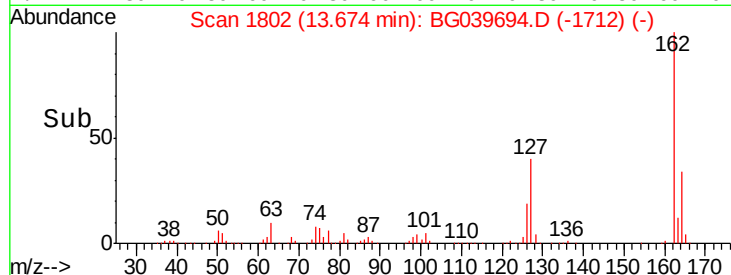
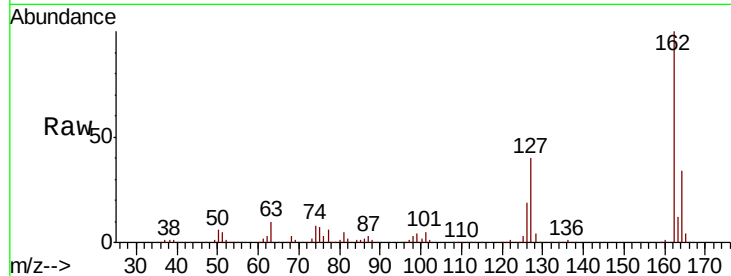




#47
 2-Chloronaphthalene
 Concen: 39.842 ng
 RT: 13.67 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: BG039694.D
 Acq: 1 Mar 2019 19:41

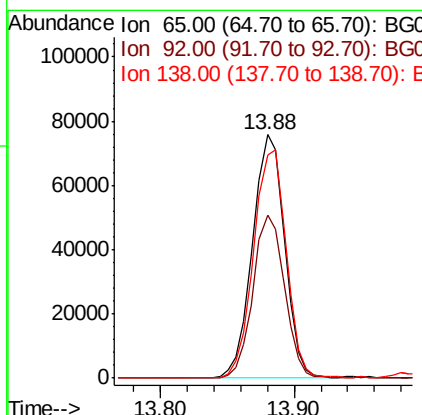
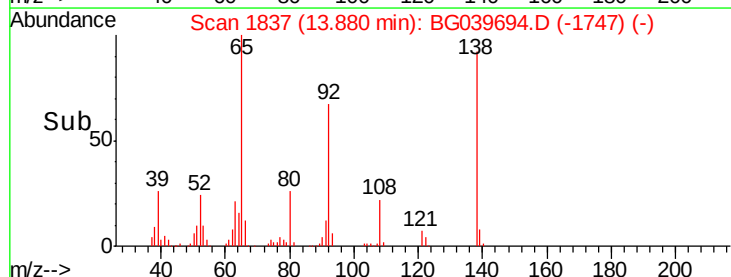
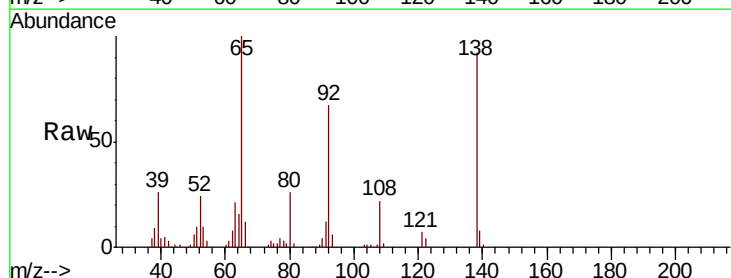
Instrument :
 BNA_G
 ClientSampleId :
 PB117492BS

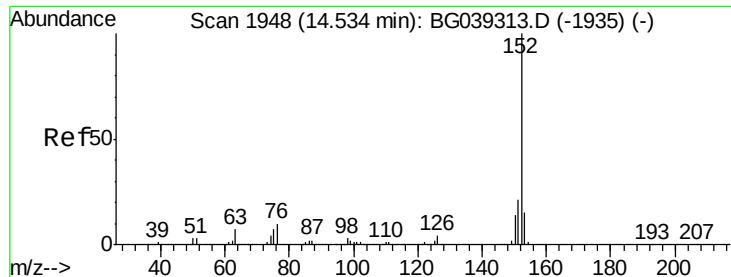
Tot Ion:	162	Resp:	381758
Ion	Ratio	Lower	Upper
162	100		
127	39.8	31.0	46.6
164	34.0	25.7	38.5



#48
 2-Nitroaniline
 Concen: 46.118 ng
 RT: 13.88 min Scan# 1837
 Delta R.T. -0.00 min
 Lab File: BG039694.D
 Acq: 1 Mar 2019 19:41

Tgt Ion:	65	Resp:	125856
Ion	Ratio	Lower	Upper
65	100		
92	66.8	51.4	77.2
138	91.8	71.4	107.2





#49

Acenaphthylene

Concen: 41.833 ng

RT: 14.51 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BG039694.D

Acq: 1 Mar 2019 19:41

Instrument :

BNA_G

ClientSampleId :

PB117492BS

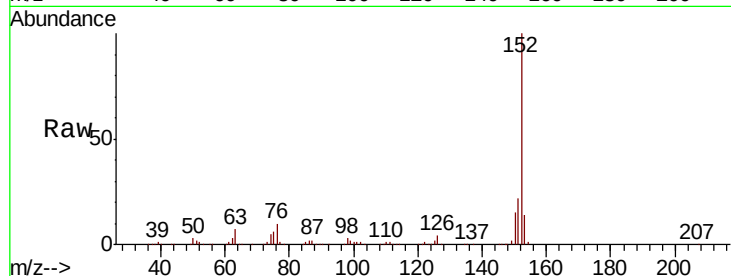
Tot Ion:152 Resp: 604830

Ion Ratio Lower Upper

152 100

151 21.9 16.8 25.2

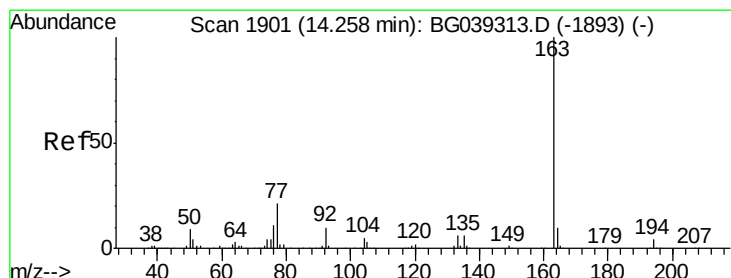
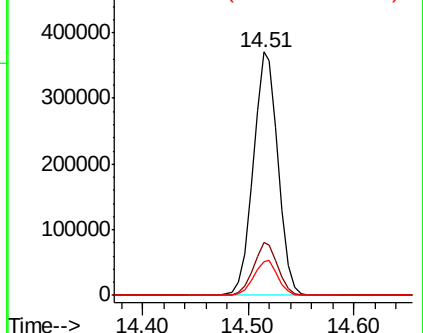
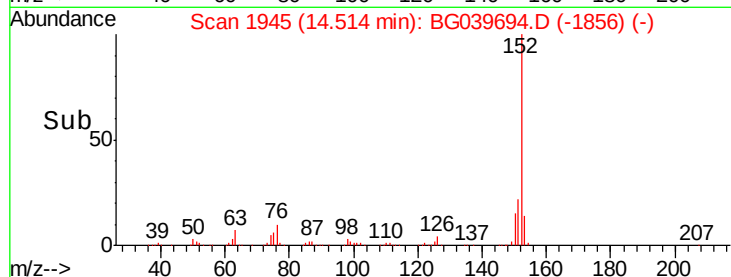
153 13.9 11.7 17.5



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: 39.237 ng

RT: 14.24 min Scan# 1898

Delta R.T. -0.00 min

Lab File: BG039694.D

Acq: 1 Mar 2019 19:41

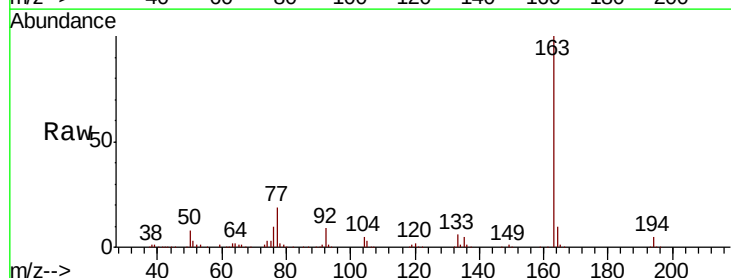
Tgt Ion:163 Resp: 485117

Ion Ratio Lower Upper

163 100

194 4.6 3.6 5.4

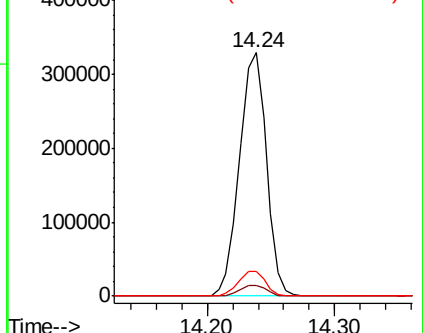
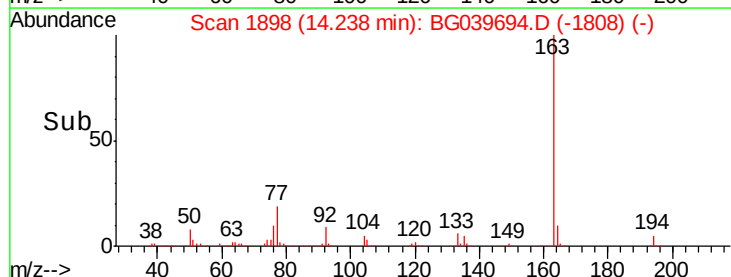
164 10.4 8.4 12.6

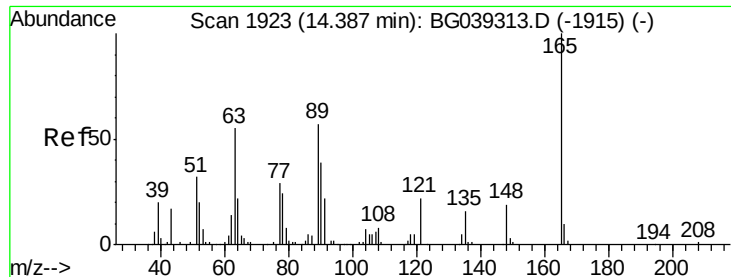


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

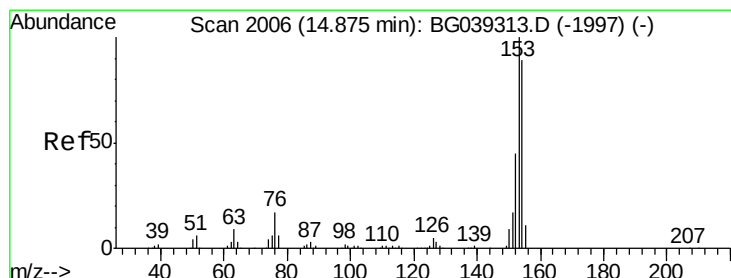
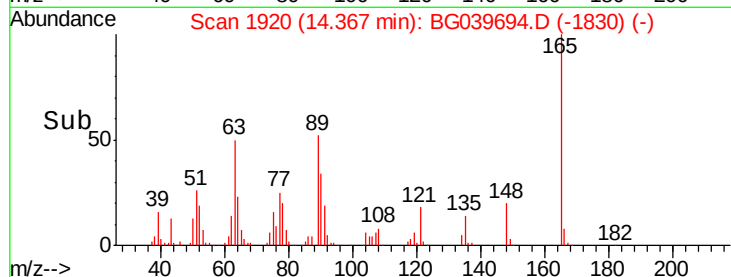
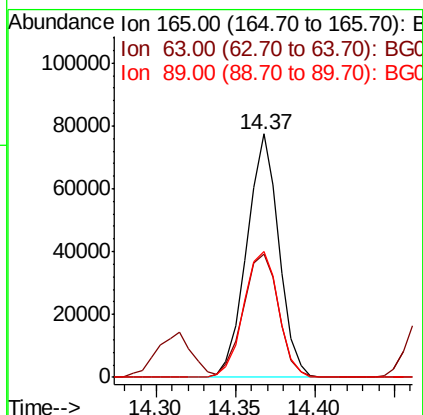
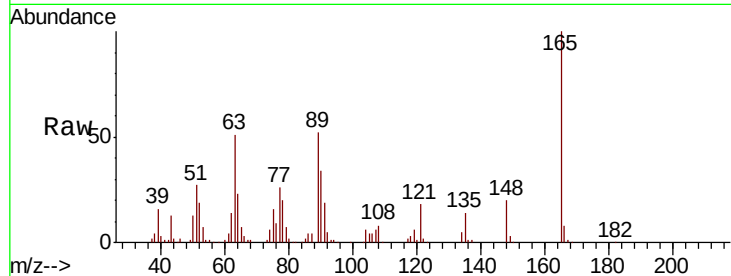




#51
2,6-Dinitrotoluene
Concen: 47.264 ng
RT: 14.37 min Scan# 1920
Delta R.T. -0.00 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

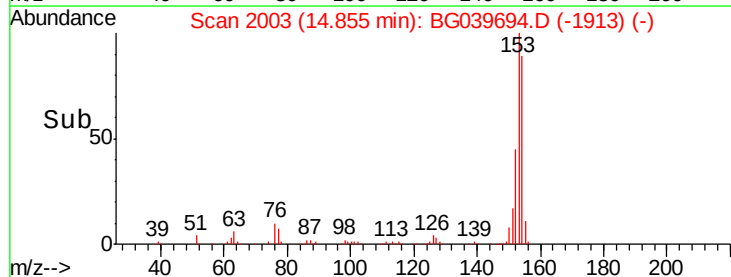
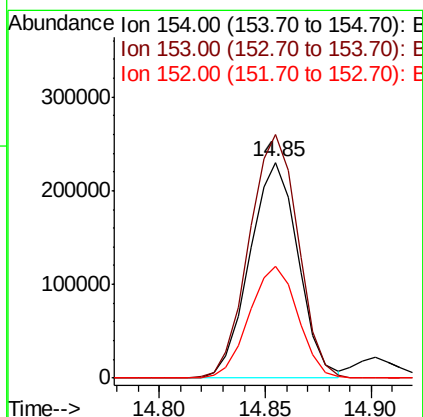
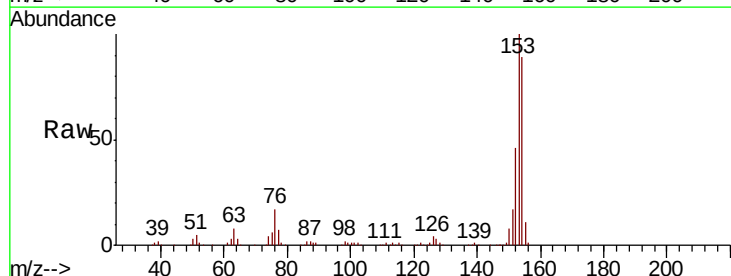
Instrument :
BNA_G
ClientSampleId :
PB117492BS

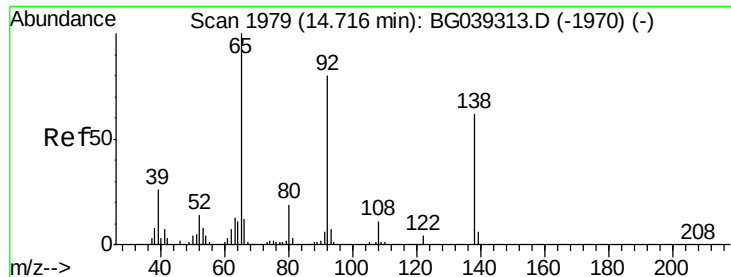
Tot Ion:165 Resp: 108944
Ion Ratio Lower Upper
165 100
63 50.6 47.0 70.6
89 51.6 45.8 68.8



#52
Acenaphthene
Concen: 39.104 ng
RT: 14.85 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

Tgt Ion:154 Resp: 366995
Ion Ratio Lower Upper
154 100
153 113.0 90.1 135.1
152 51.7 40.9 61.3





#53

3-Nitroaniline

Concen: 23.768 ng

RT: 14.70 min Scan# 1977

Delta R.T. -0.00 min

Lab File: BG039694.D

Acq: 1 Mar 2019 19:41

Instrument :

BNA_G

ClientSampleId :

PB117492BS

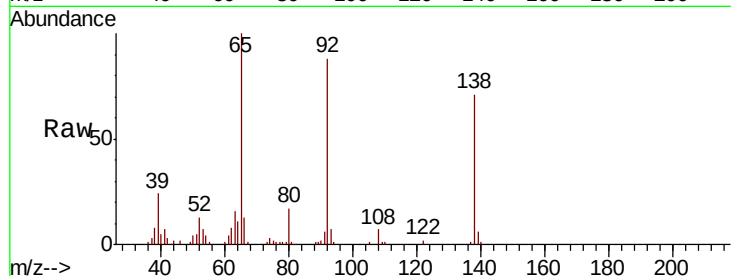
Tot Ion:138 Resp: 50969

Ion Ratio Lower Upper

138 100

108 9.7 13.8 20.8#

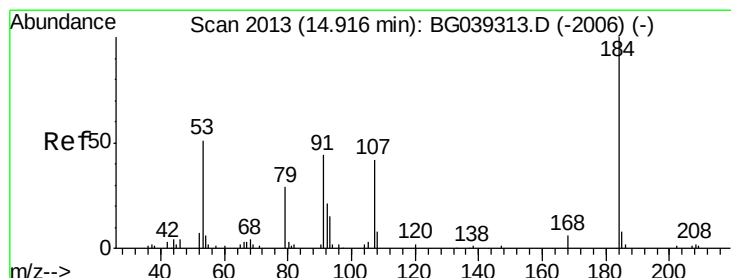
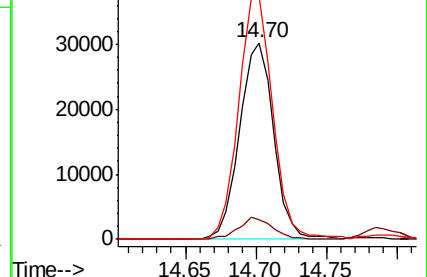
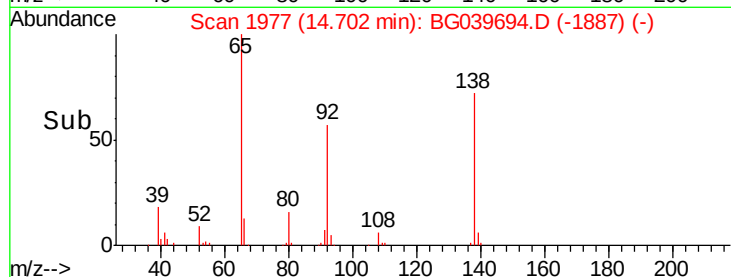
92 123.7 103.7 155.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 60.442 ng

RT: 14.90 min Scan# 2011

Delta R.T. -0.00 min

Lab File: BG039694.D

Acq: 1 Mar 2019 19:41

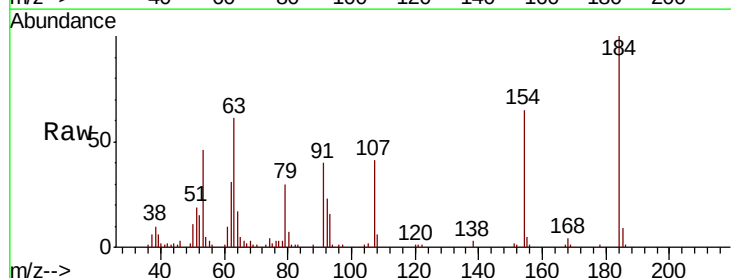
Tgt Ion:184 Resp: 54299

Ion Ratio Lower Upper

184 100

63 61.3 50.9 76.3

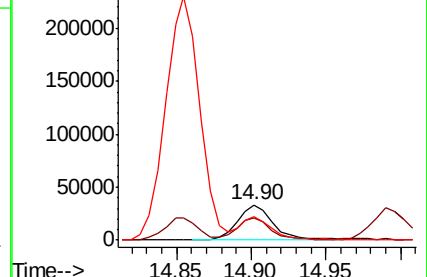
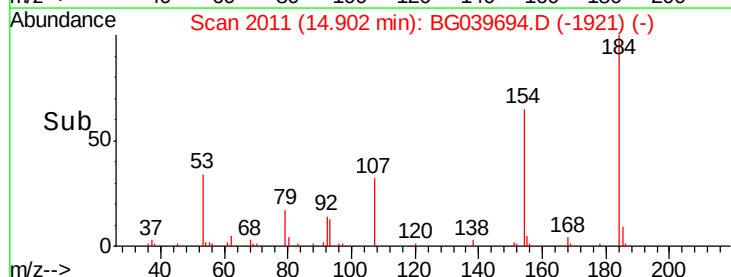
154 65.4 53.0 79.6

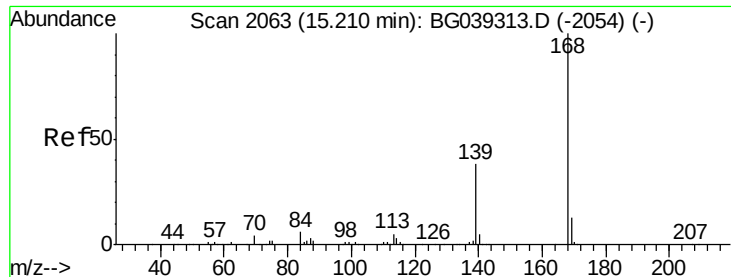


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 39.321 ng

RT: 15.18 min Scan# 2059

Delta R.T. -0.00 min

Lab File: BG039694.D

Acq: 1 Mar 2019 19:41

Instrument :

BNA_G

ClientSampleId :

PB117492BS

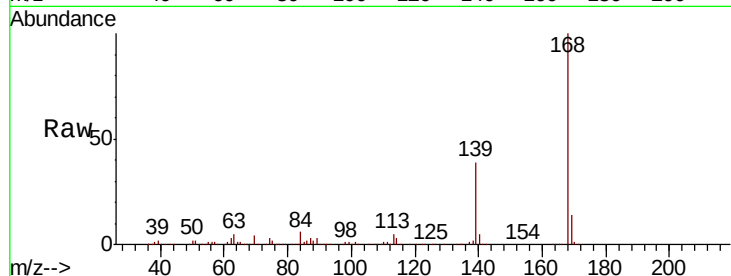
Tot Ion:168 Resp: 591680

Ion Ratio Lower Upper

168 100

139 38.5 30.1 45.1

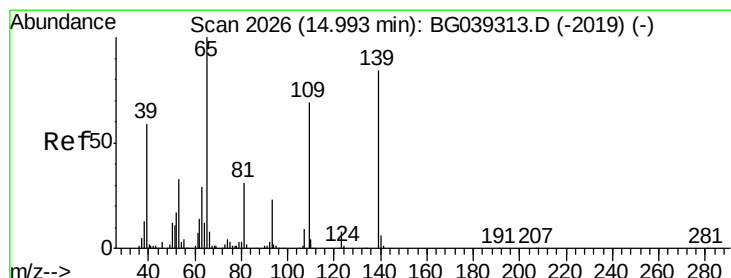
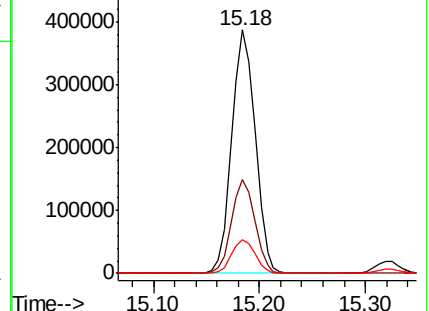
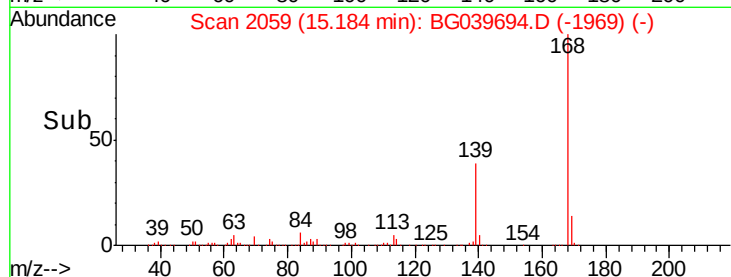
169 13.9 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 73.965 ng

RT: 15.00 min Scan# 2027

Delta R.T. 0.01 min

Lab File: BG039694.D

Acq: 1 Mar 2019 19:41

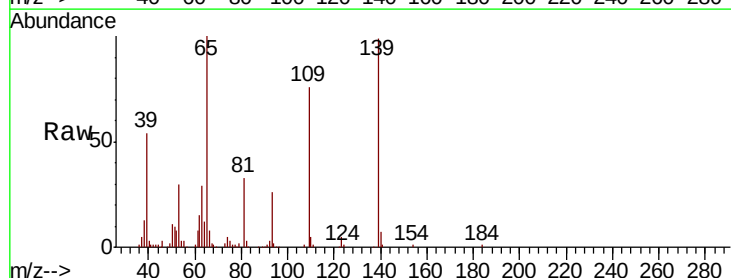
Tgt Ion:139 Resp: 164293

Ion Ratio Lower Upper

139 100

109 76.2 61.9 101.9

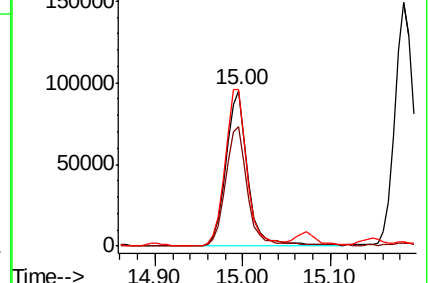
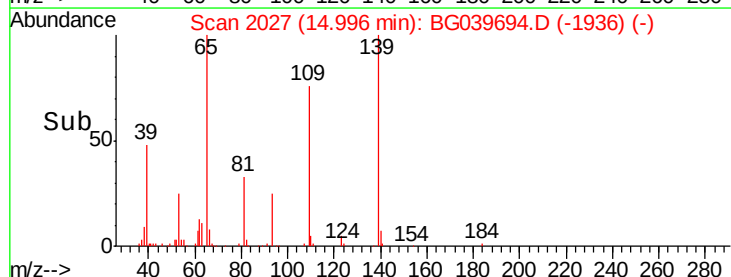
65 100.6 99.1 139.1

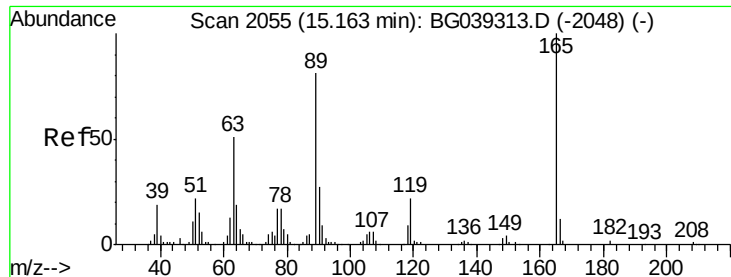


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

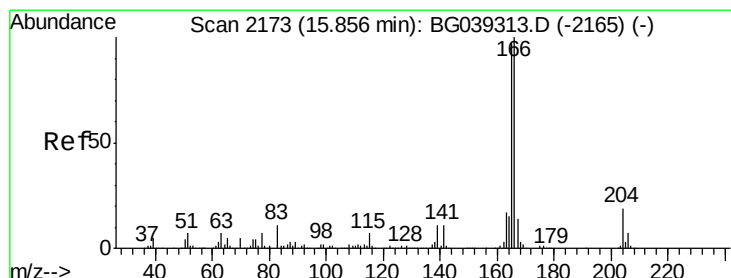
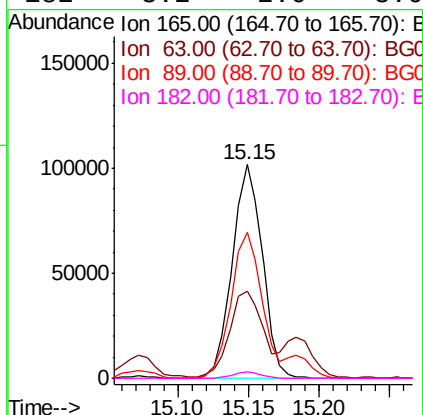
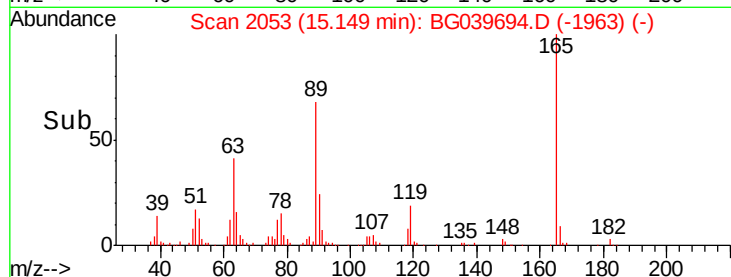
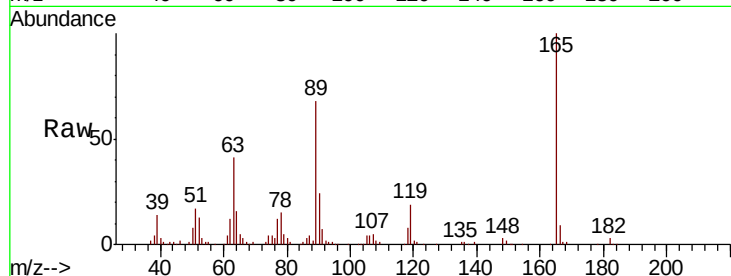




#57
2,4-Dinitrotoluene
Concen: 50.497 ng
RT: 15.15 min Scan# 2053
Delta R.T. -0.00 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

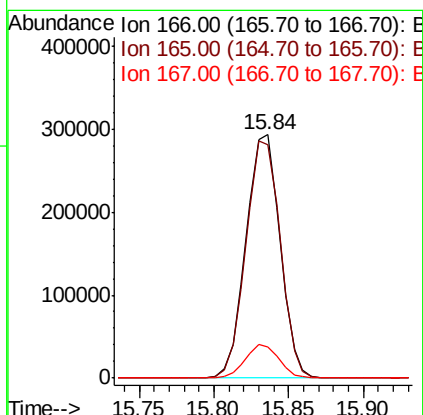
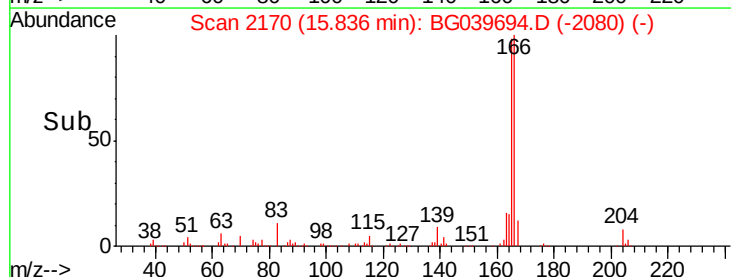
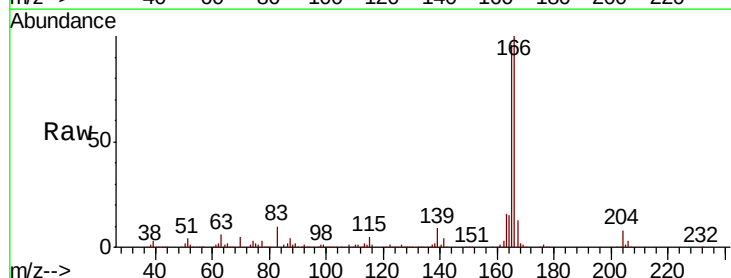
Instrument :
BNA_G
ClientSampleId :
PB117492BS

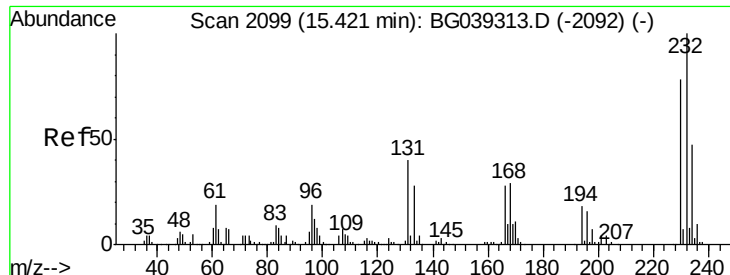
Tot Ion:165 Resp: 150906
Ion Ratio Lower Upper
165 100
63 40.6 41.0 61.6#
89 68.3 64.6 96.8
182 3.2 2.0 3.0#



#58
Fluorene
Concen: 41.166 ng
RT: 15.84 min Scan# 2170
Delta R.T. -0.00 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

Tgt Ion:166 Resp: 461771
Ion Ratio Lower Upper
166 100
165 95.6 77.9 116.9
167 12.8 10.8 16.2

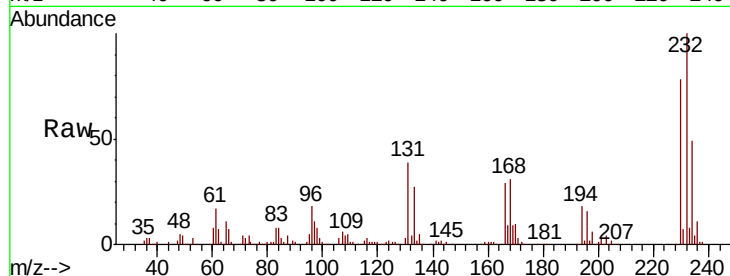




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.941 ng
 RT: 15.41 min Scan# 2097
 Delta R.T. 0.01 min
 Lab File: BG039694.D
 Acq: 1 Mar 2019 19:41

Instrument :
 BNA_G
 ClientSampleId :
 PB117492BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	41.2	34.9	52.3
130	2.5	2.0	3.0
166	30.8	24.1	36.1



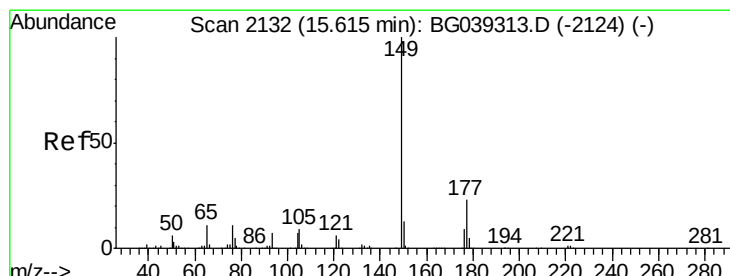
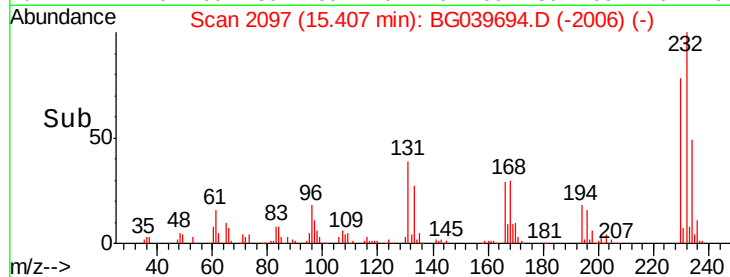
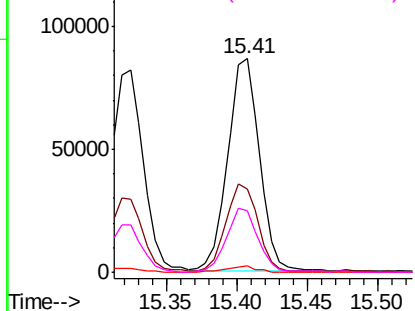
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

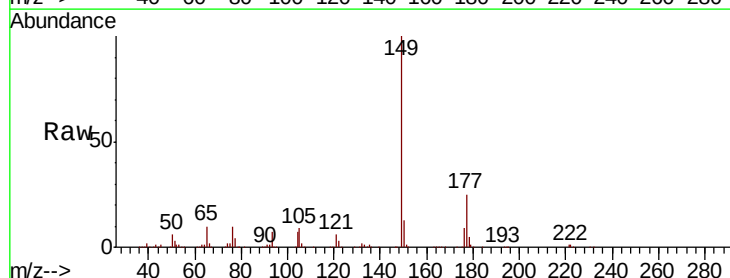
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 37.094 ng
 RT: 15.59 min Scan# 2128
 Delta R.T. -0.00 min
 Lab File: BG039694.D
 Acq: 1 Mar 2019 19:41

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.8	18.3	27.5
150	13.4	10.2	15.2

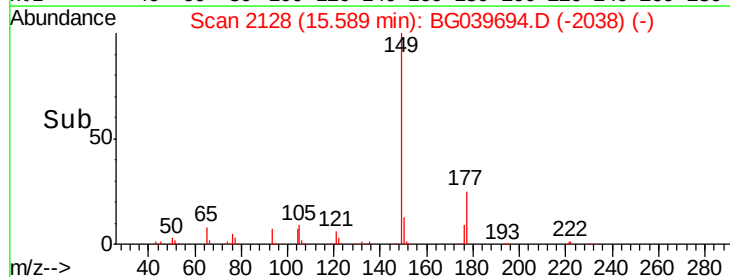
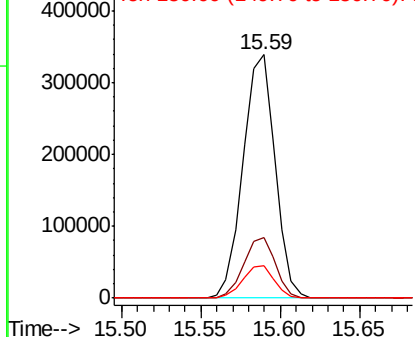


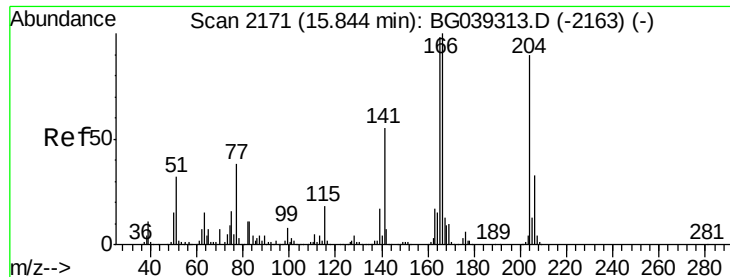
Abundance

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

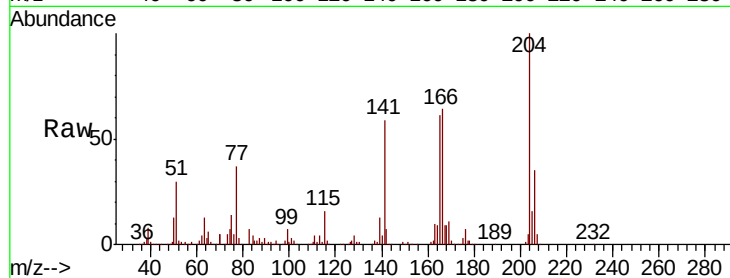




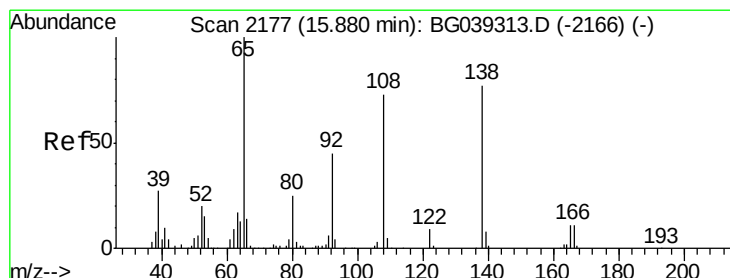
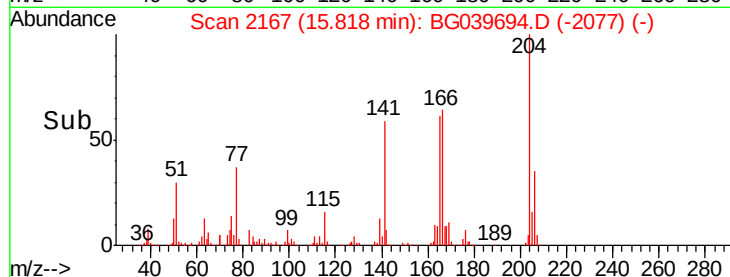
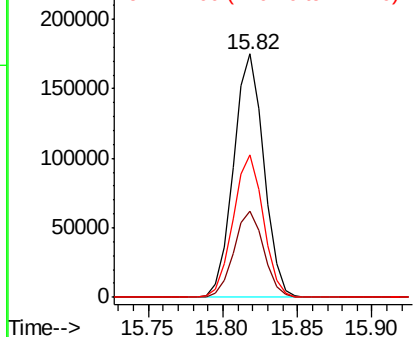
#61
 4-Chlorophenyl-phenylether
 Concen: 38.979 ng
 RT: 15.82 min Scan# 2167
 Delta R.T. -0.00 min
 Lab File: BG039694.D
 Acq: 1 Mar 2019 19:41

Instrument :
 BNA_G
 ClientSampleId :
 PB117492BS

Tot Ion:204 Resp: 247573
 Ion Ratio Lower Upper
 204 100
 206 35.2 29.2 43.8
 141 58.6 49.0 73.4

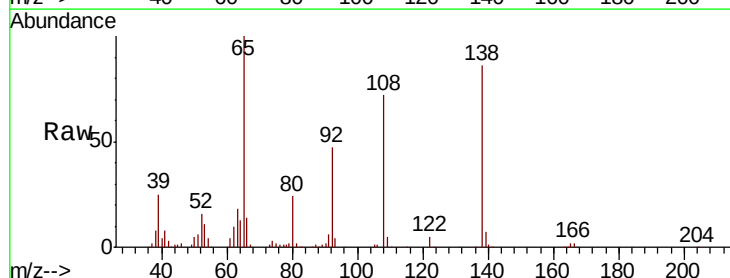


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

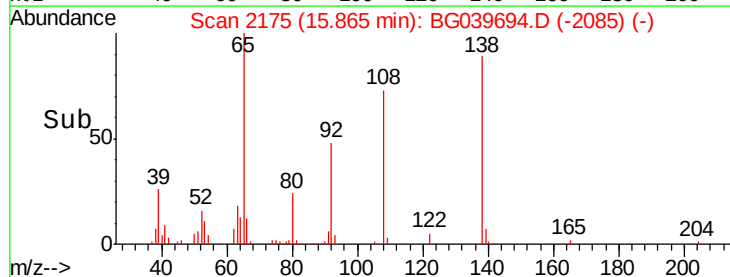
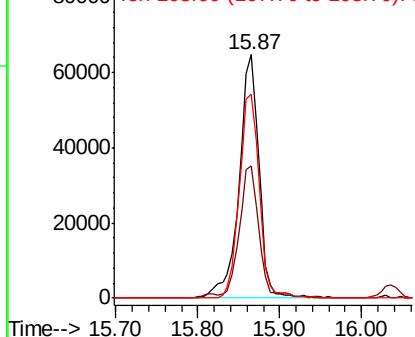


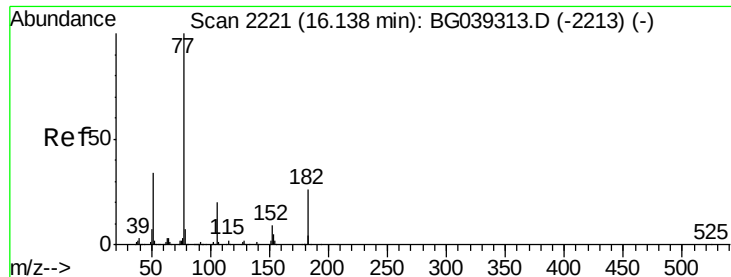
#62
 4-Nitroaniline
 Concen: 42.920 ng
 RT: 15.87 min Scan# 2175
 Delta R.T. -0.00 min
 Lab File: BG039694.D
 Acq: 1 Mar 2019 19:41

Tgt Ion:138 Resp: 110013
 Ion Ratio Lower Upper
 138 100
 92 54.4 38.7 78.7
 108 83.6 74.6 114.6



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: 34.733 ng

RT: 16.11 min Scan# 2217

Delta R.T. -0.00 min

Lab File: BG039694.D

Acq: 1 Mar 2019 19:41

Instrument :

BNA_G

ClientSampleId :

PB117492BS

Tot Ion: 77 Resp: 433960

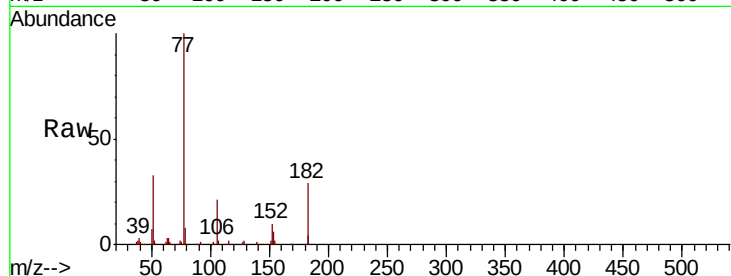
Ion Ratio Lower Upper

77 100

182 28.8 6.4 46.4

105 20.6 0.0 39.8

51 33.2 14.1 54.1

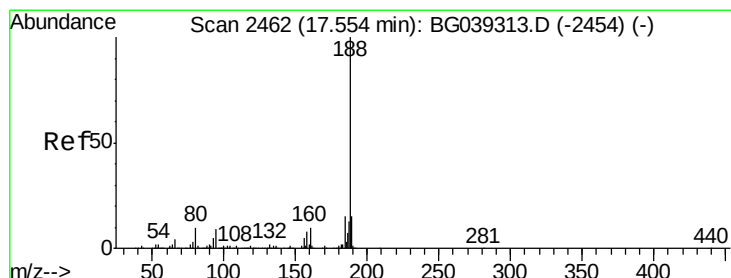
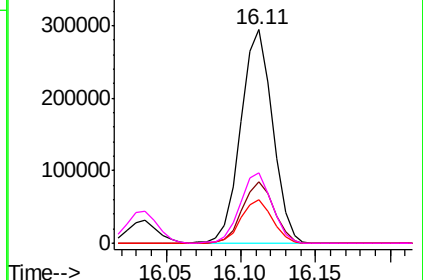
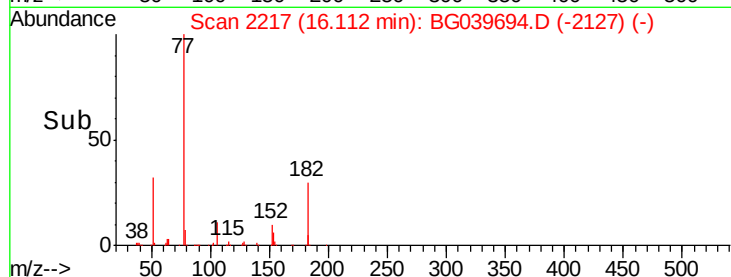


Abundance Ion 77.00 (76.70 to 77.70): BG0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BG0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.53 min Scan# 2459

Delta R.T. -0.00 min

Lab File: BG039694.D

Acq: 1 Mar 2019 19:41

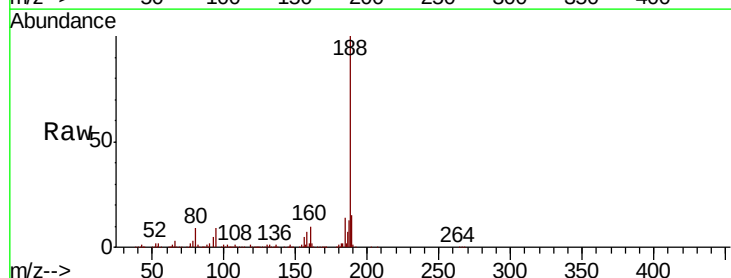
Tgt Ion: 188 Resp: 341039

Ion Ratio Lower Upper

188 100

94 8.7 6.9 10.3

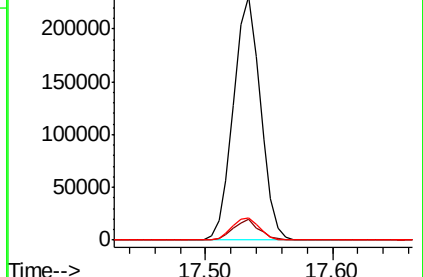
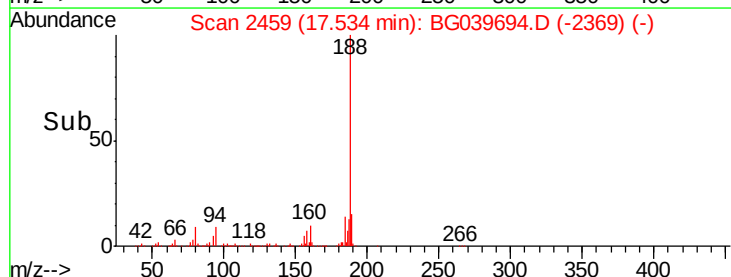
80 9.3 8.1 12.1

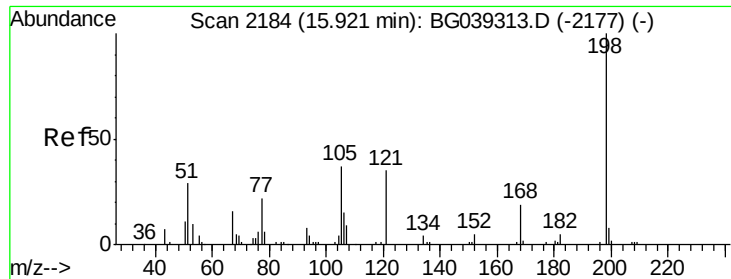


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0

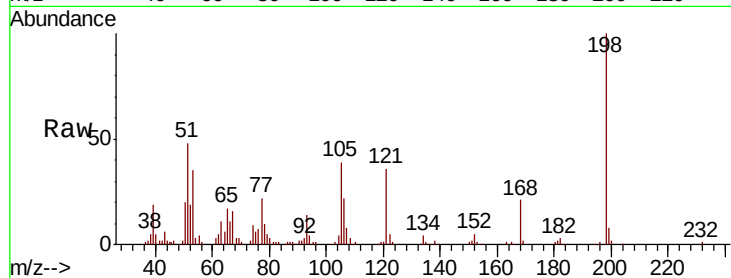




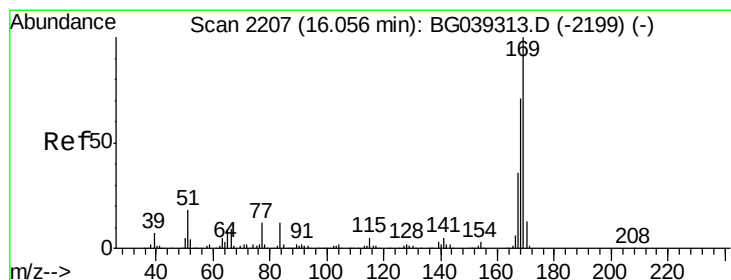
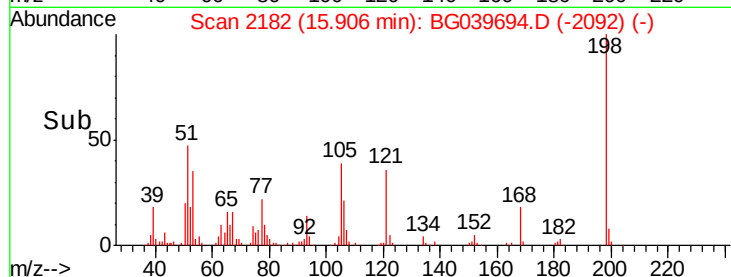
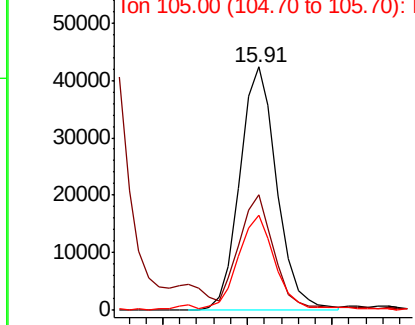
#65
4,6-Dinitro-2-methylphenol
Concen: 48.084 ng
RT: 15.91 min Scan# 2182
Delta R.T. -0.00 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

Instrument :
BNA_G
ClientSampled :
PB117492BS

Tot Ion:198 Resp: 64648
Ion Ratio Lower Upper
198 100
51 47.7 27.4 67.4
105 38.8 19.7 59.7

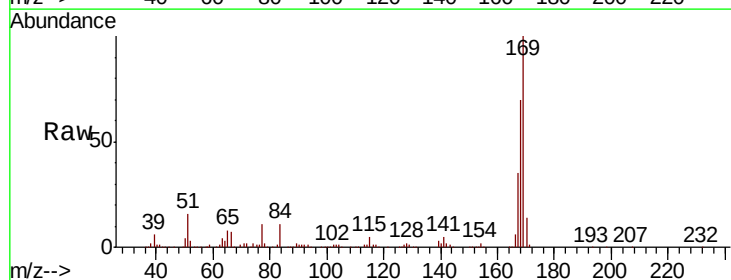


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

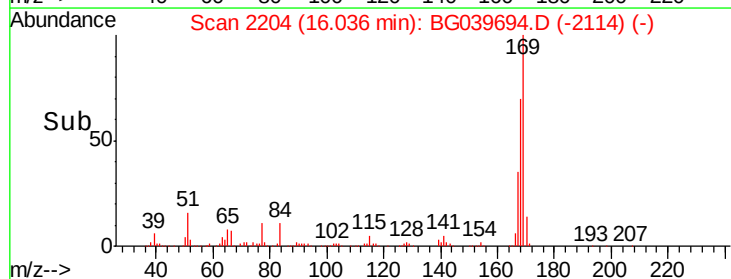
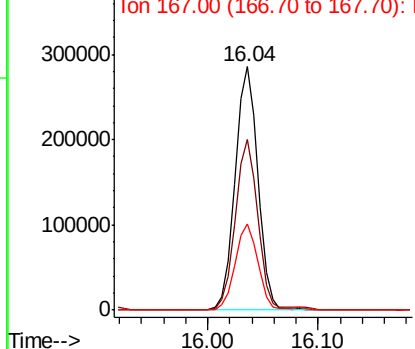


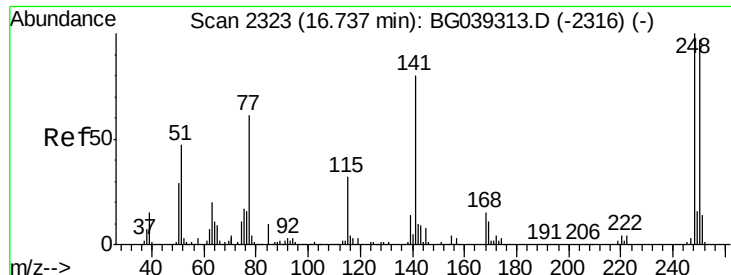
#66
n-Nitrosodiphenylamine
Concen: 39.823 ng
RT: 16.04 min Scan# 2204
Delta R.T. -0.00 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

Tgt Ion:169 Resp: 412956
Ion Ratio Lower Upper
169 100
168 70.0 56.6 85.0
167 35.2 28.8 43.2



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

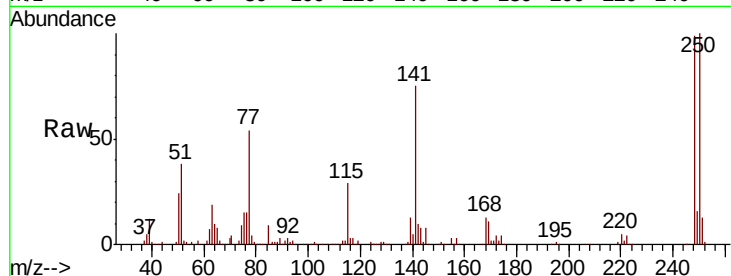




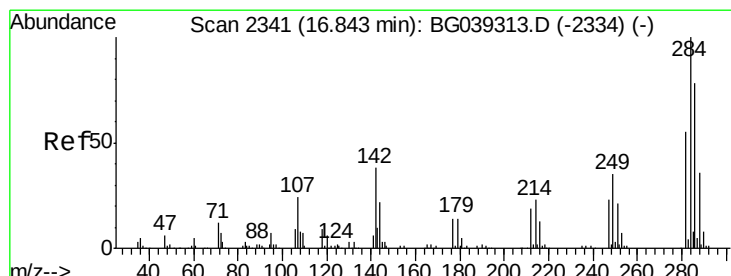
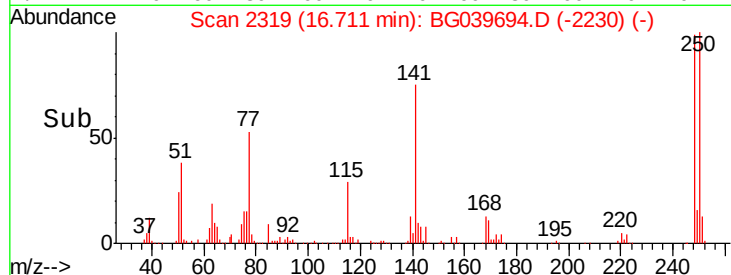
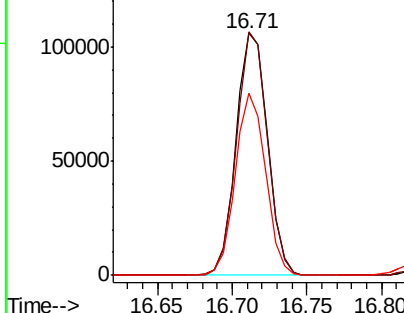
#67
 4-Bromophenyl-phenylether
 Concen: 40.963 ng
 RT: 16.71 min Scan# 2319
 Delta R.T. -0.01 min
 Lab File: BG039694.D
 Acq: 1 Mar 2019 19:41

Instrument :
 BNA_G
 ClientSampled :
 PB117492BS

Tot Ion:248 Resp: 154982
 Ion Ratio Lower Upper
 248 100
 250 100.7 77.6 116.4
 141 75.5 63.9 95.9

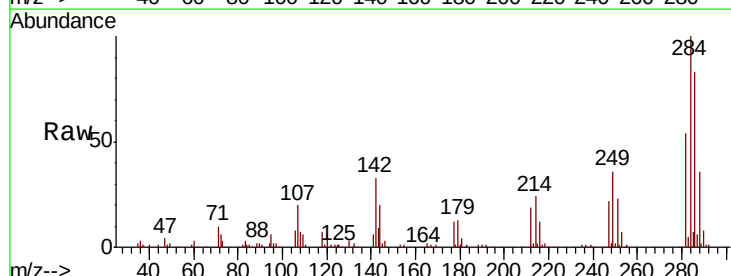


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

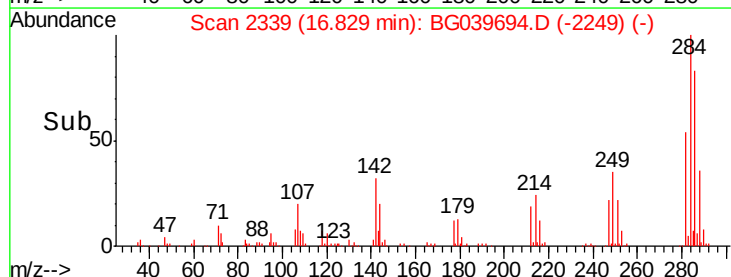
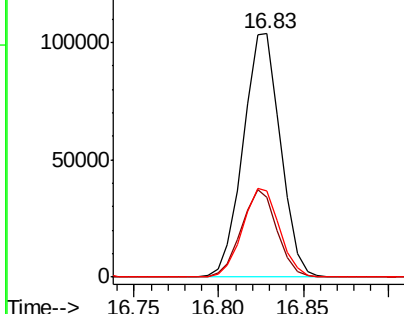


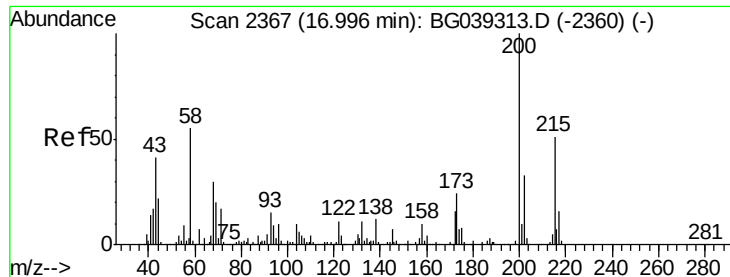
#68
 Hexachlorobenzene
 Concen: 41.938 ng
 RT: 16.83 min Scan# 2339
 Delta R.T. -0.00 min
 Lab File: BG039694.D
 Acq: 1 Mar 2019 19:41

Tgt Ion:284 Resp: 159192
 Ion Ratio Lower Upper
 284 100
 142 32.6 30.6 45.8
 249 35.5 28.2 42.2



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 39.380 ng

RT: 16.97 min Scan# 2363

Delta R.T. -0.00 min

Lab File: BG039694.D

Acq: 1 Mar 2019 19:41

Instrument :

BNA_G

ClientSampleId :

PB117492BS

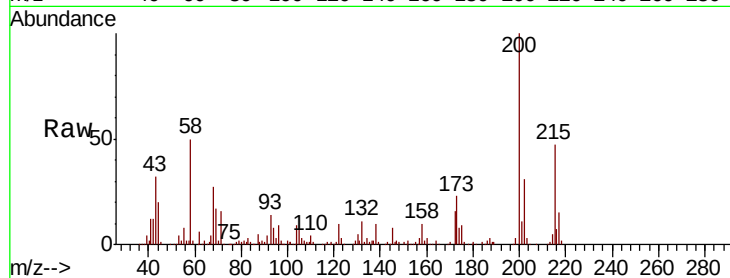
Tot Ion:200 Resp: 149234

Ion Ratio Lower Upper

200 100

173 23.3 3.9 43.9

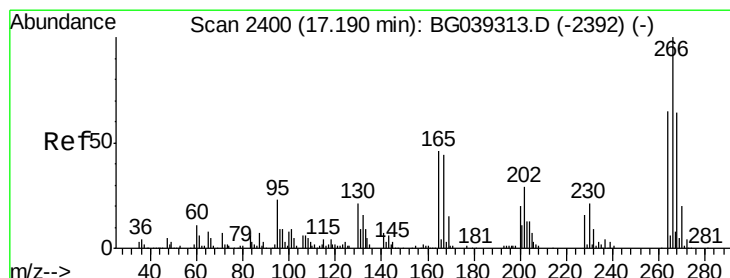
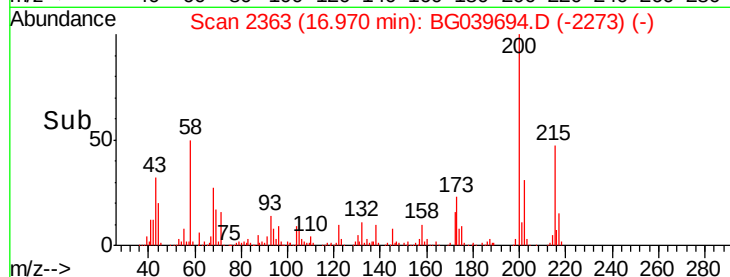
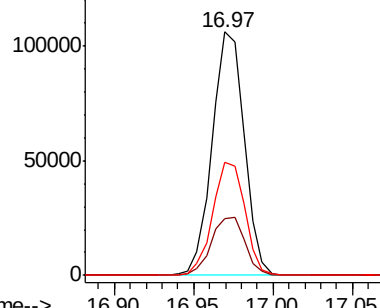
215 46.6 30.9 70.9



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: 72.040 ng

RT: 17.18 min Scan# 2398

Delta R.T. 0.01 min

Lab File: BG039694.D

Acq: 1 Mar 2019 19:41

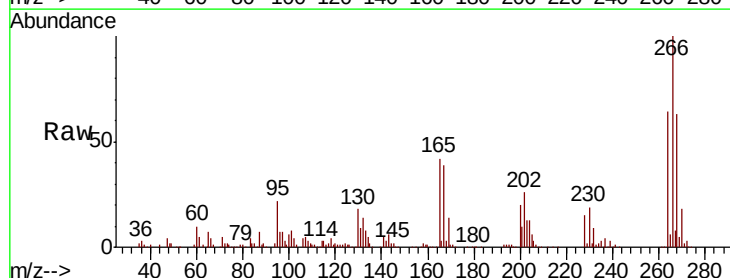
Tgt Ion:266 Resp: 190059

Ion Ratio Lower Upper

266 100

268 63.0 51.1 76.7

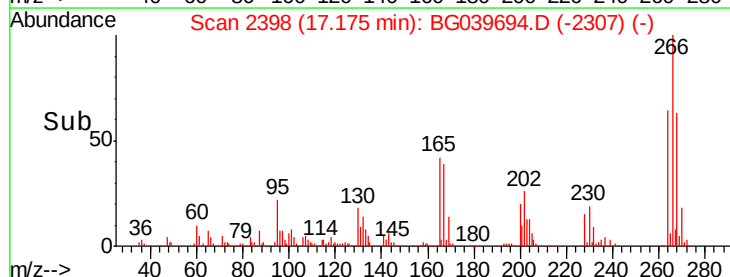
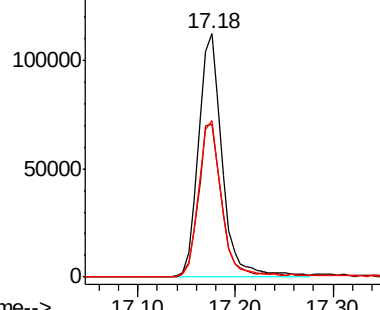
264 64.1 52.1 78.1

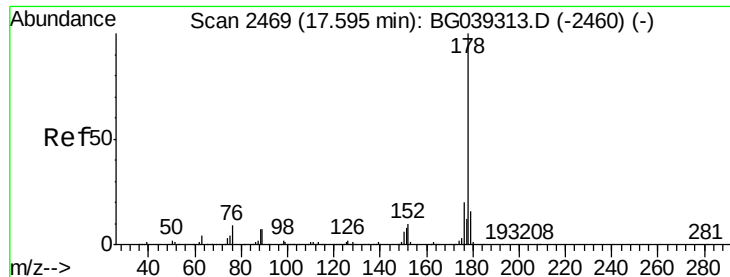


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

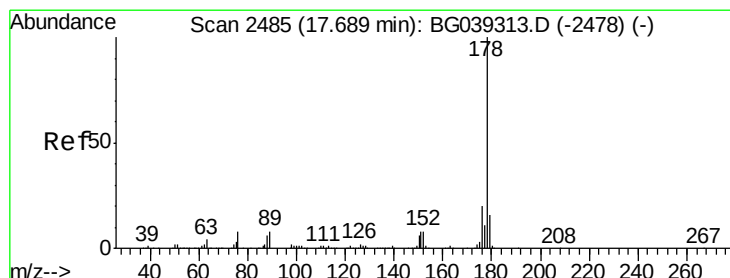
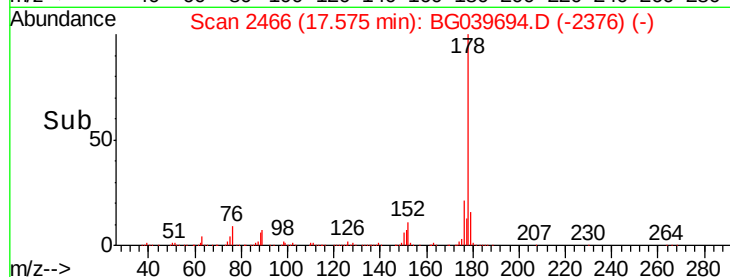
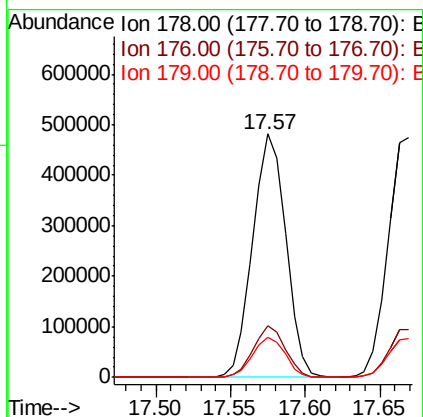
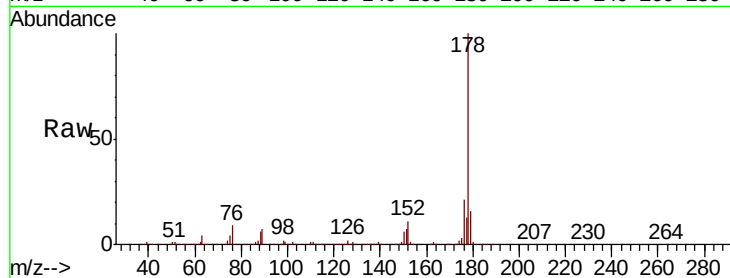




#71
Phenanthrene
Concen: 41.931 ng
RT: 17.57 min Scan# 2466
Delta R.T. -0.00 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

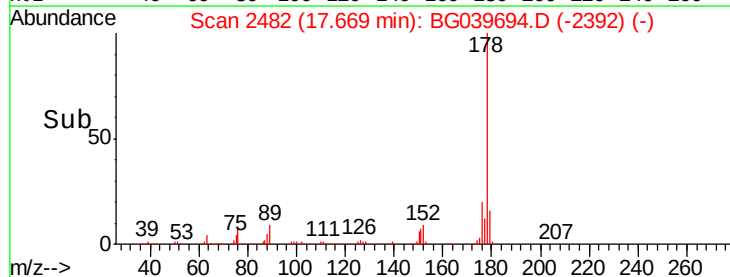
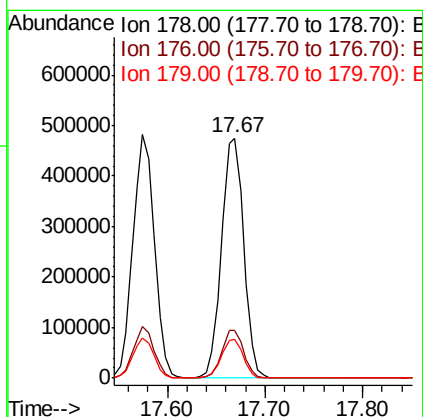
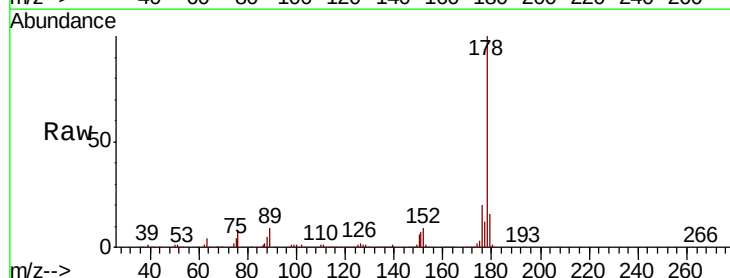
Instrument :
BNA_G
ClientSampleId :
PB117492BS

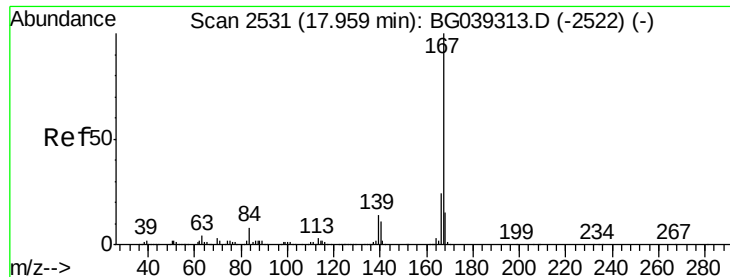
Tot Ion:178 Resp: 740133
Ion Ratio Lower Upper
178 100
176 21.0 16.2 24.4
179 16.5 12.6 19.0



#72
Anthracene
Concen: 42.980 ng
RT: 17.67 min Scan# 2482
Delta R.T. -0.00 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

Tgt Ion:178 Resp: 747276
Ion Ratio Lower Upper
178 100
176 19.9 15.8 23.6
179 15.9 12.5 18.7

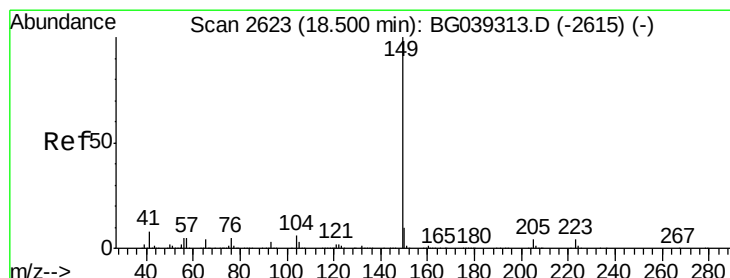
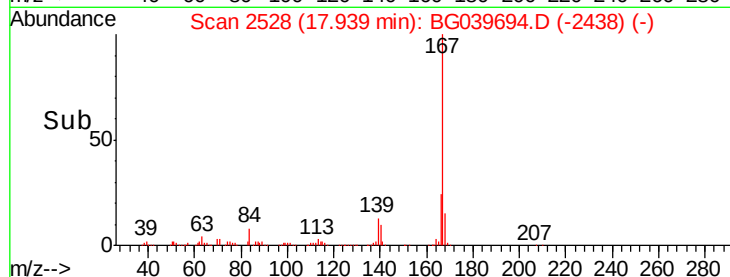
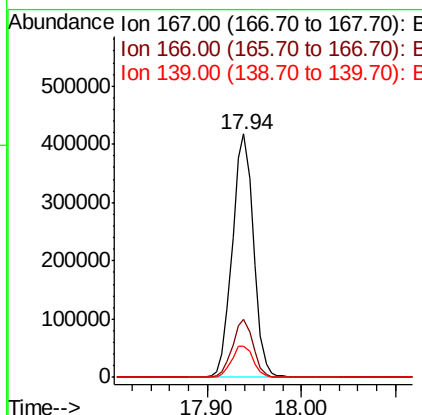
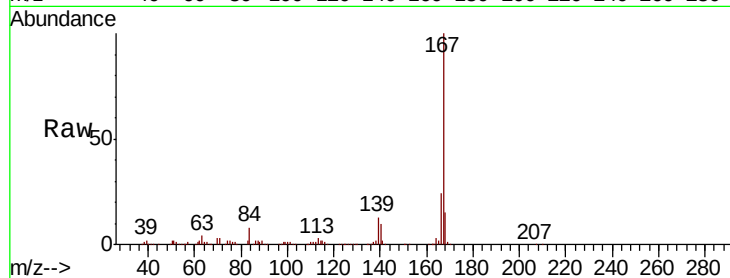




#73
 Carbazole
 Concen: 37.698 ng
 RT: 17.94 min Scan# 2528
 Delta R.T. -0.00 min
 Lab File: BG039694.D
 Acq: 1 Mar 2019 19:41

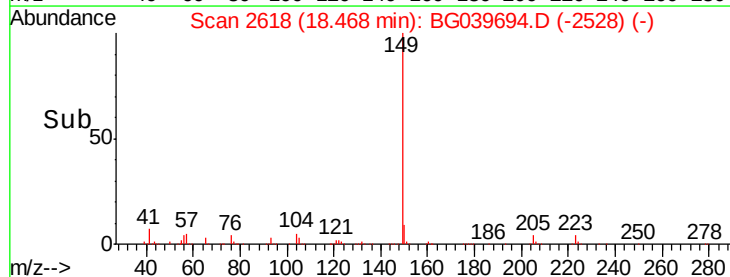
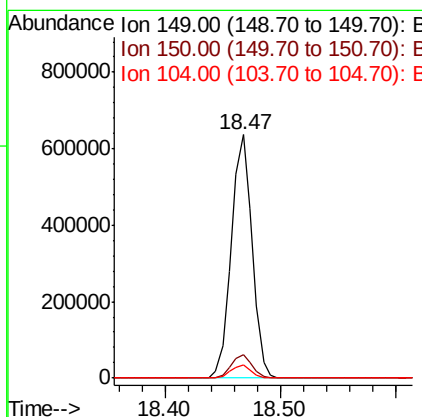
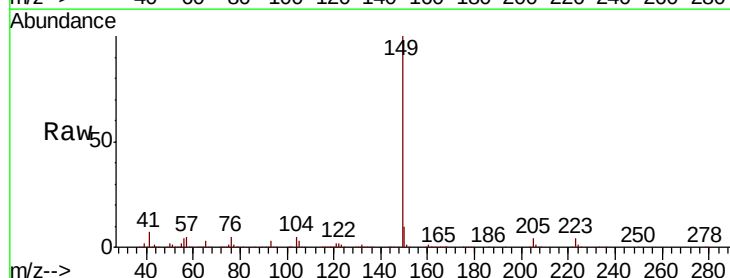
Instrument :
 BNA_G
 ClientSampleId :
 PB117492BS

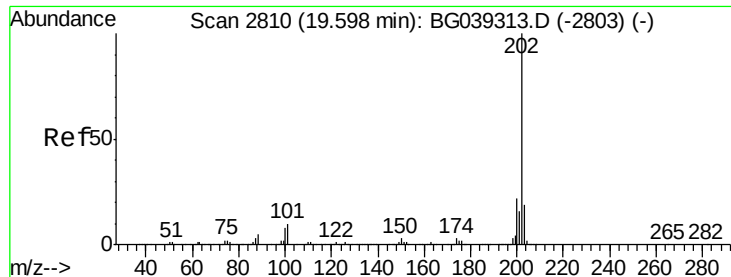
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.7	19.4	29.2
139	13.1	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 39.019 ng
 RT: 18.47 min Scan# 2618
 Delta R.T. -0.00 min
 Lab File: BG039694.D
 Acq: 1 Mar 2019 19:41

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.7	11.5
104	5.5	4.5	6.7





#75

Fluoranthene

Concen: 43.442 ng

RT: 19.58 min Scan# 2807

Delta R.T. -0.00 min

Lab File: BG039694.D

Acq: 1 Mar 2019 19:41

Instrument :

BNA_G

ClientSampleId :

PB117492BS

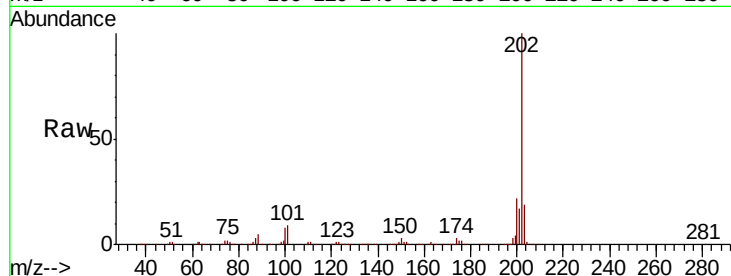
Tot Ion:202 Resp: 890013

Ion Ratio Lower Upper

202 100

101 9.5 0.0 30.0

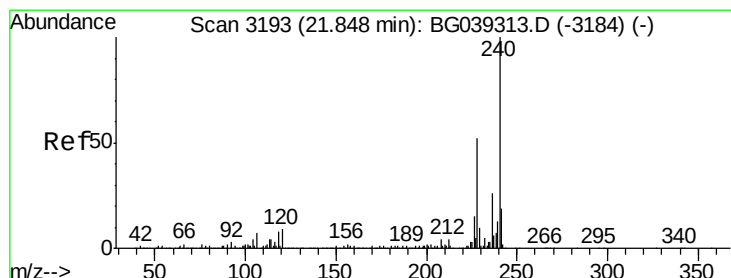
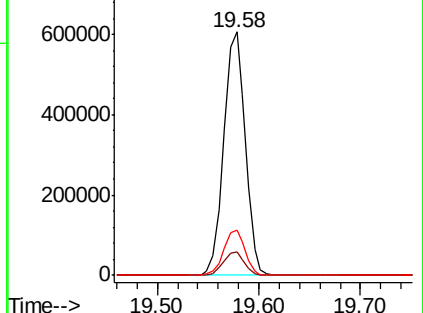
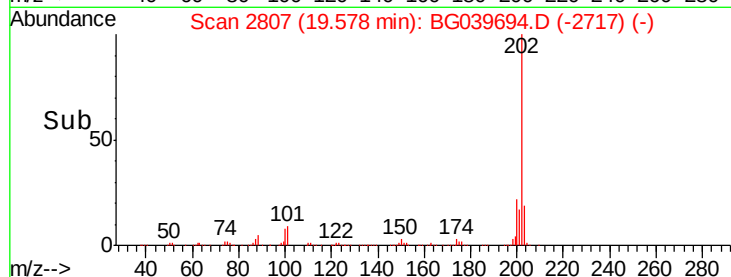
203 18.5 0.0 38.9



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: 21.82 min Scan# 3189

Delta R.T. -0.01 min

Lab File: BG039694.D

Acq: 1 Mar 2019 19:41

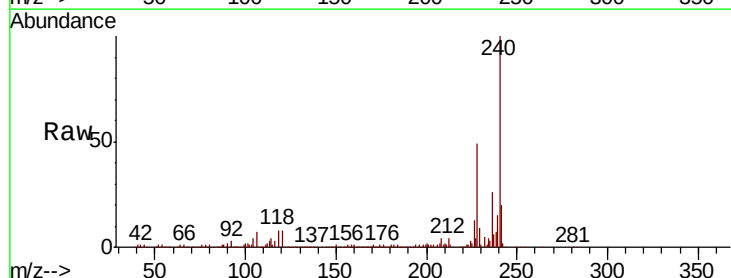
Tgt Ion:240 Resp: 349032

Ion Ratio Lower Upper

240 100

120 8.2 7.0 10.6

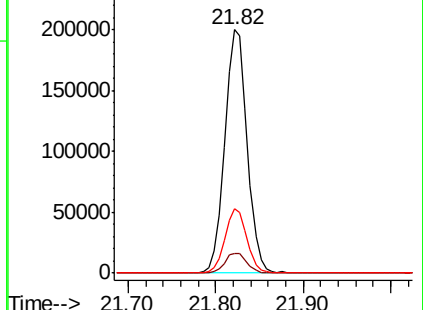
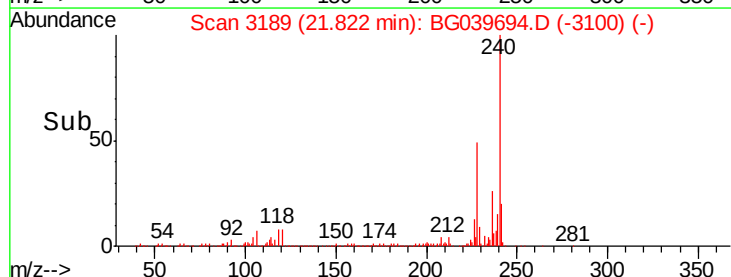
236 26.3 21.0 31.4

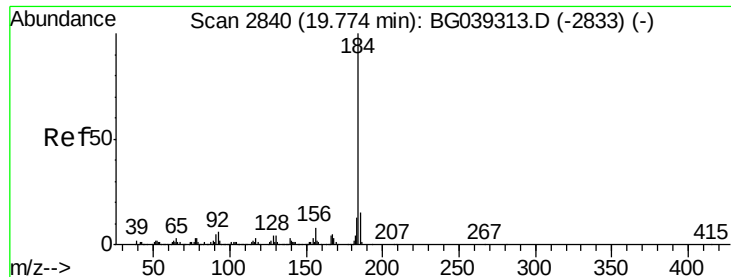


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 15.270 ng

RT: 19.75 min Scan# 2837

Delta R.T. -0.00 min

Lab File: BG039694.D

Acq: 1 Mar 2019 19:41

Instrument :

BNA_G

ClientSampleId :

PB117492BS

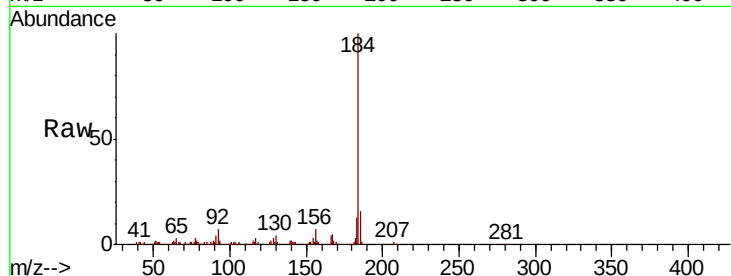
Tot Ion:184 Resp: 174735

Ion Ratio Lower Upper

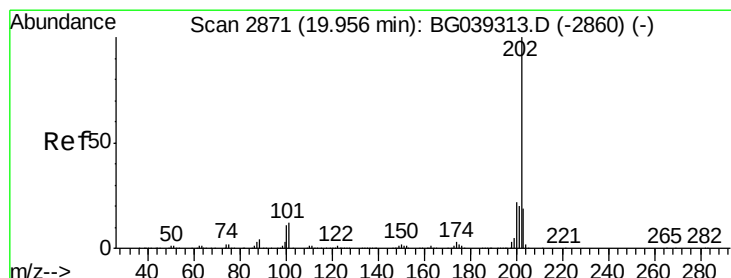
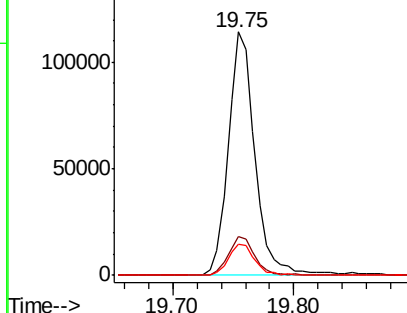
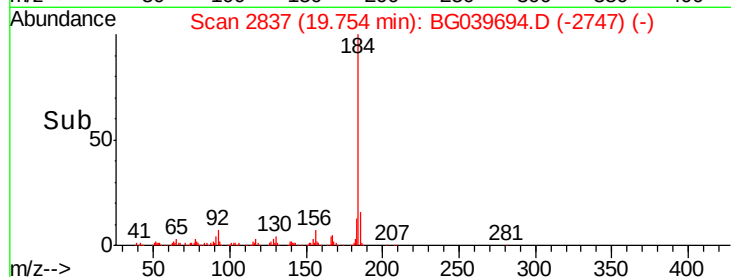
184 100

185 16.0 12.2 18.2

183 12.6 10.6 15.8



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.516 ng

RT: 19.94 min Scan# 2868

Delta R.T. -0.01 min

Lab File: BG039694.D

Acq: 1 Mar 2019 19:41

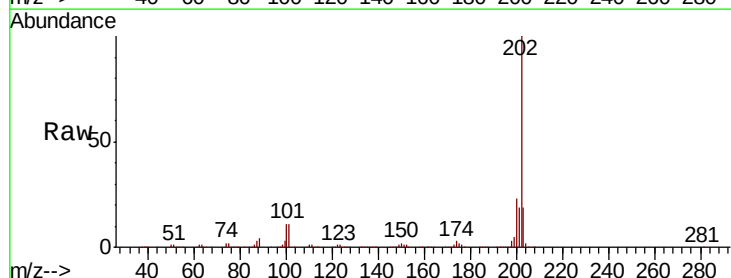
Tgt Ion:202 Resp: 902063

Ion Ratio Lower Upper

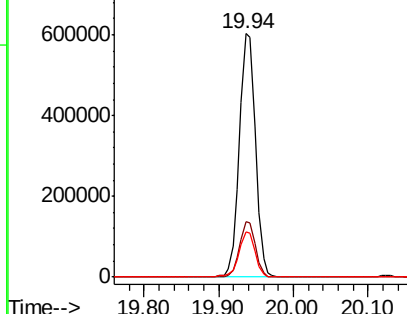
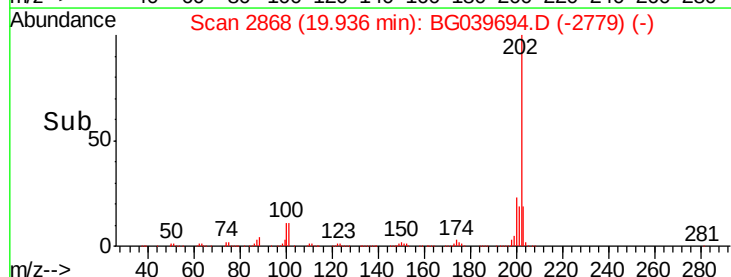
202 100

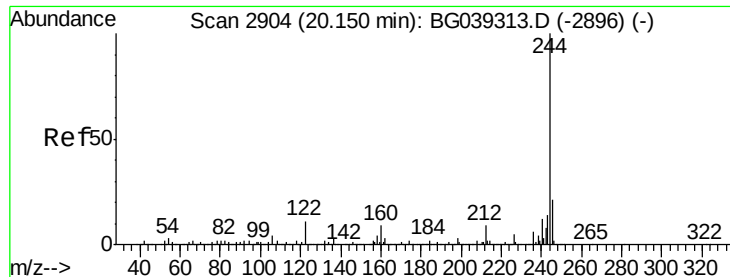
200 22.8 17.8 26.8

203 18.8 15.3 22.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 76.079 ng

RT: 20.12 min Scan# 2900

Delta R.T. -0.00 min

Lab File: BG039694.D

Acq: 1 Mar 2019 19:41

Instrument :

BNA_G

ClientSampleId :

PB117492BS

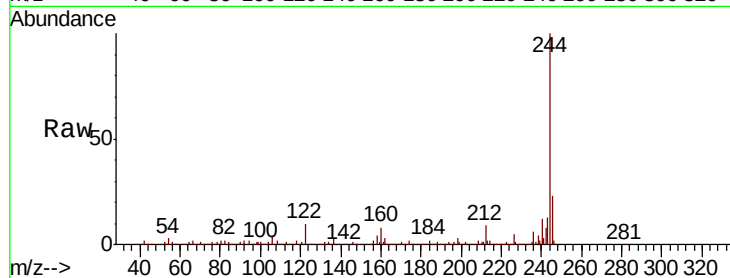
Tot Ion:244 Resp: 1254502

Ion Ratio Lower Upper

244 100

212 9.2 7.3 10.9

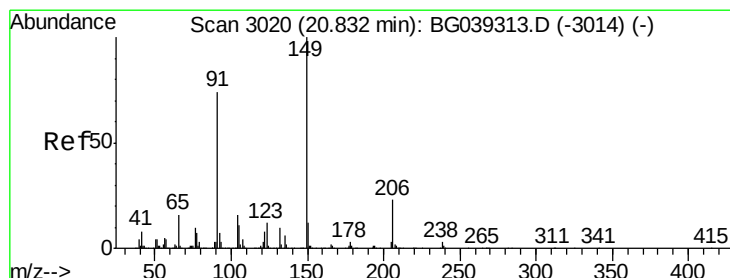
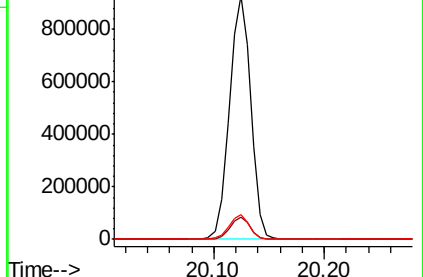
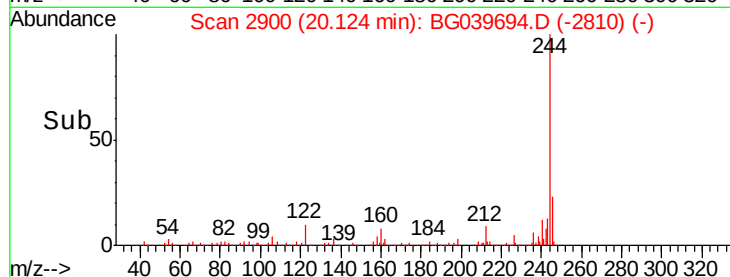
122 10.2 8.4 12.6



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: 41.934 ng

RT: 20.81 min Scan# 3016

Delta R.T. -0.00 min

Lab File: BG039694.D

Acq: 1 Mar 2019 19:41

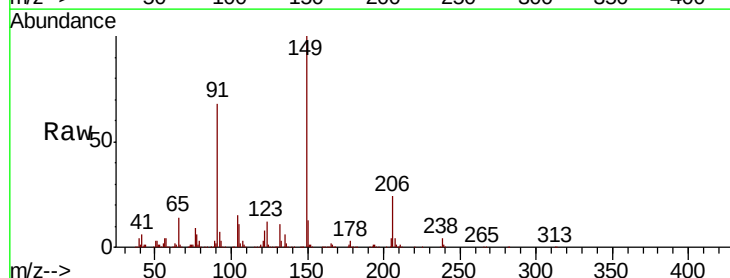
Tgt Ion:149 Resp: 384360

Ion Ratio Lower Upper

149 100

91 67.5 59.5 89.3

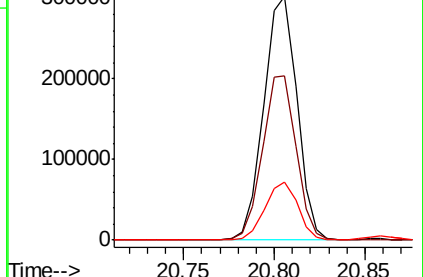
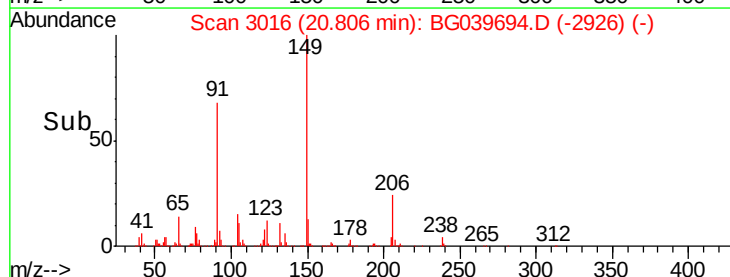
206 23.8 18.6 27.8

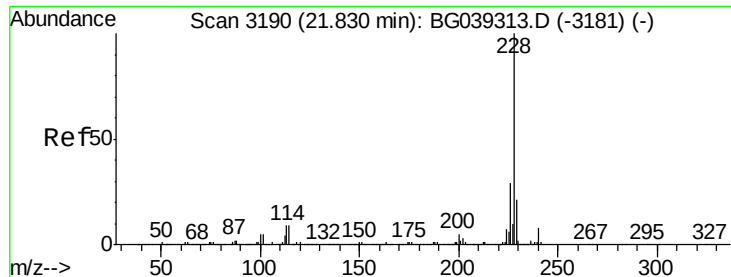


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

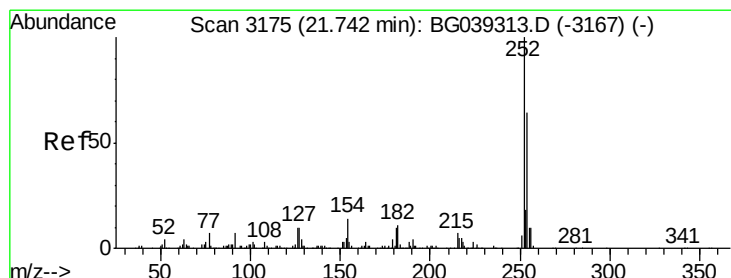
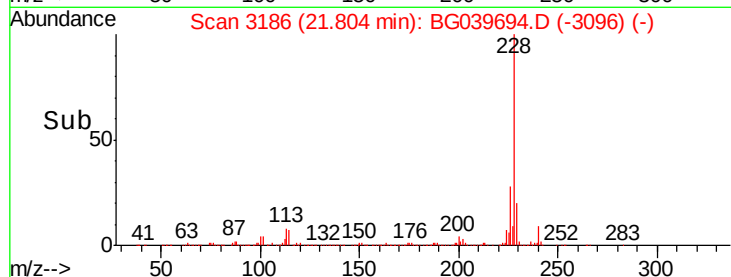
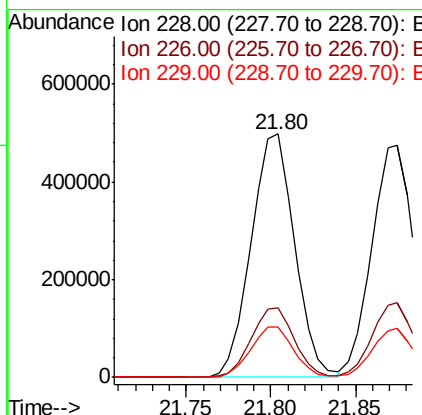
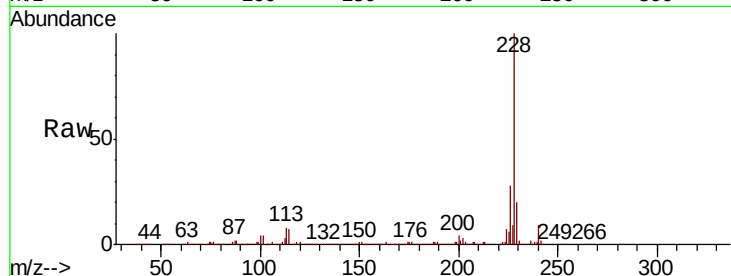




#81
Benzo(a)anthracene
Concen: 43.220 ng
RT: 21.80 min Scan# 3186
Delta R.T. -0.00 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

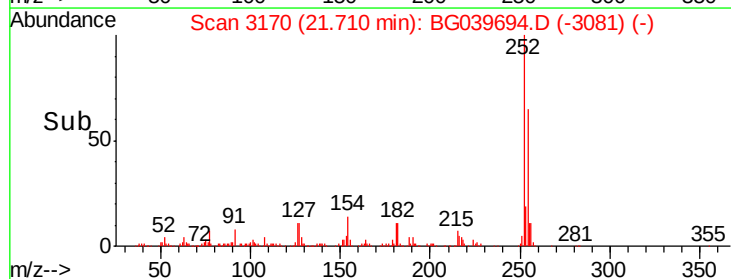
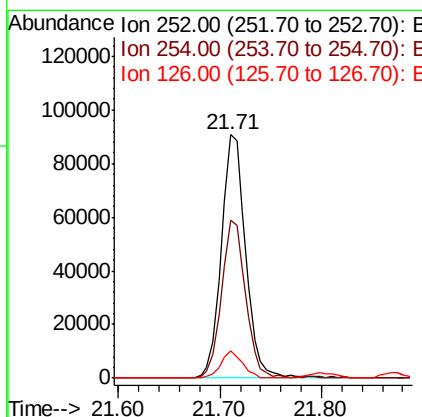
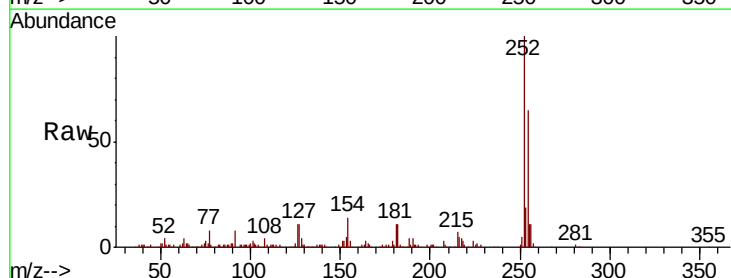
Instrument :
BNA_G
ClientSampleId :
PB117492BS

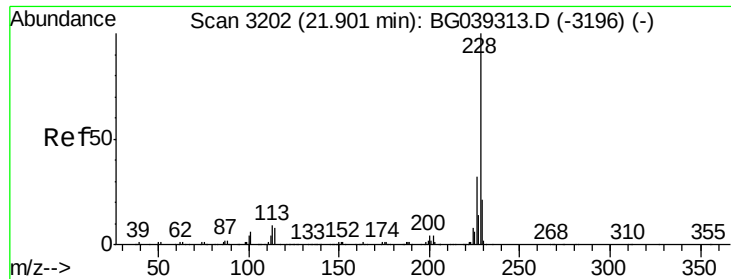
Tot Ion:228 Resp: 891371
Ion Ratio Lower Upper
228 100
226 28.3 23.0 34.6
229 20.5 16.9 25.3



#82
3,3'-Dichlorobenzidine
Concen: 19.782 ng
RT: 21.71 min Scan# 3170
Delta R.T. -0.01 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

Tgt Ion:252 Resp: 151281
Ion Ratio Lower Upper
252 100
254 64.7 51.3 76.9
126 11.0 8.0 12.0





#83

Chrysene

Concen: 41.914 ng

RT: 21.87 min Scan# 3198

Delta R.T. -0.00 min

Lab File: BG039694.D

Acq: 1 Mar 2019 19:41

Instrument :

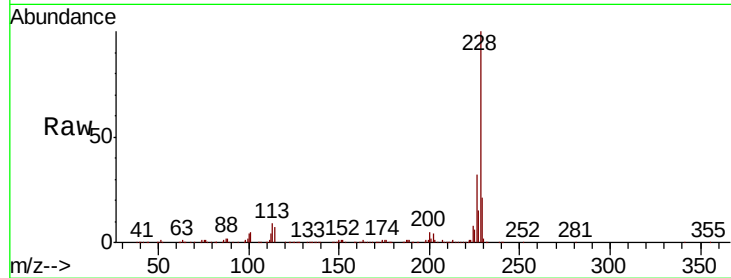
BNA_G

ClientSampleId :

PB117492BS

Tot Ion:228 Resp: 822885

Ion	Ratio	Lower	Upper
228	100		
226	32.2	25.8	38.6
229	21.2	16.6	25.0

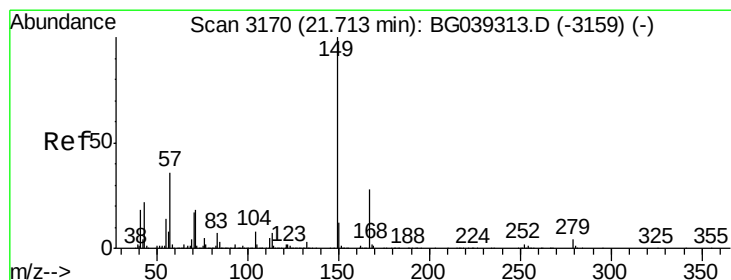
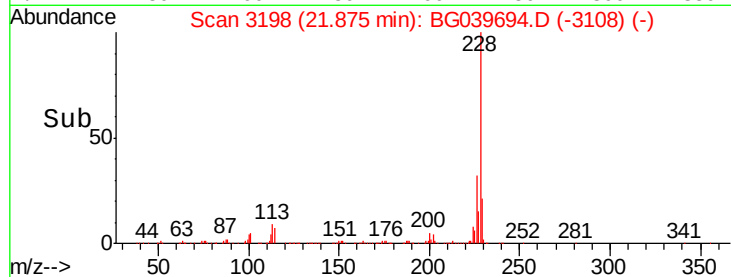
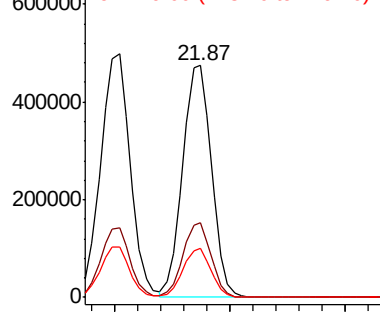


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.446 ng

RT: 21.66 min Scan# 3162

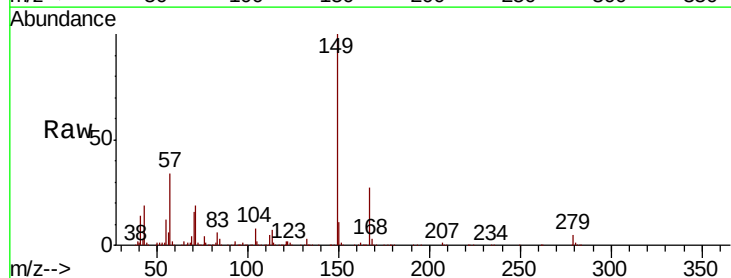
Delta R.T. -0.01 min

Lab File: BG039694.D

Acq: 1 Mar 2019 19:41

Tgt Ion:149 Resp: 528882

Ion	Ratio	Lower	Upper
149	100		
167	27.4	22.6	34.0
279	4.9	3.5	5.3

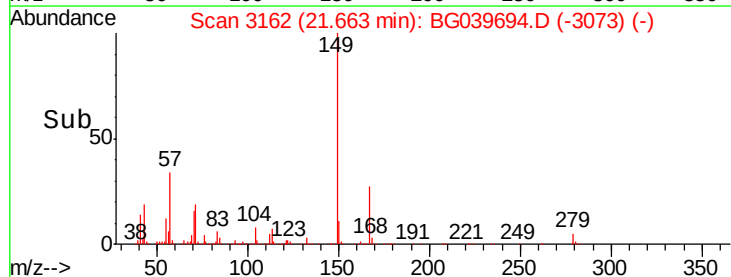
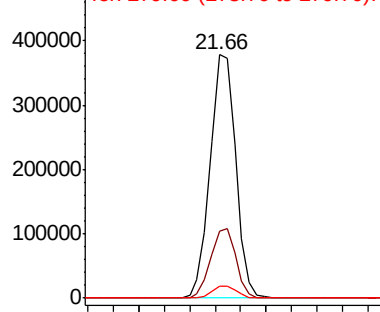


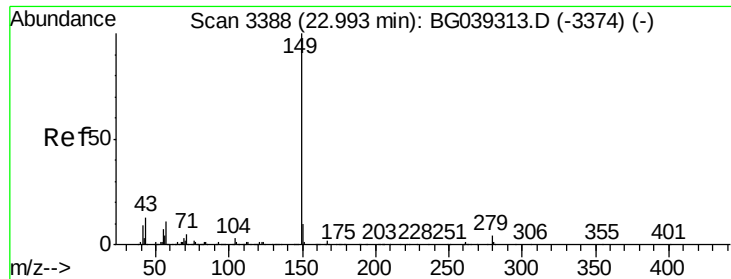
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.987 ng

RT: 22.93 min Scan# 3377

Delta R.T. -0.00 min

Lab File: BG039694.D

Acq: 1 Mar 2019 19:41

Instrument :

BNA_G

ClientSampleId :

PB117492BS

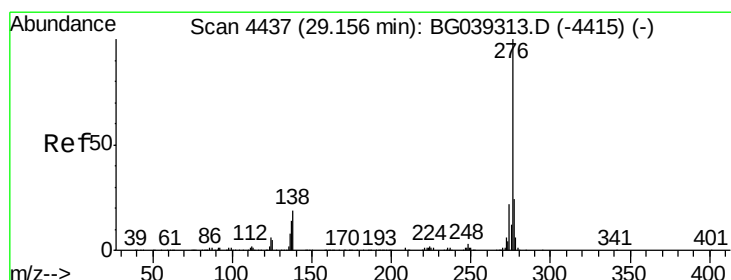
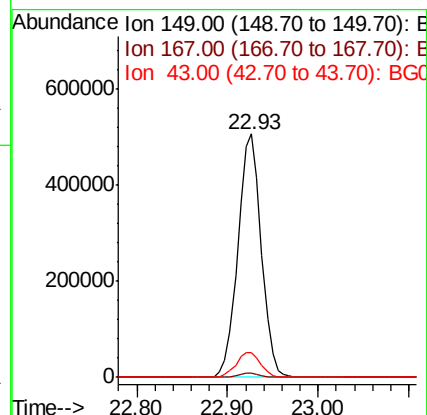
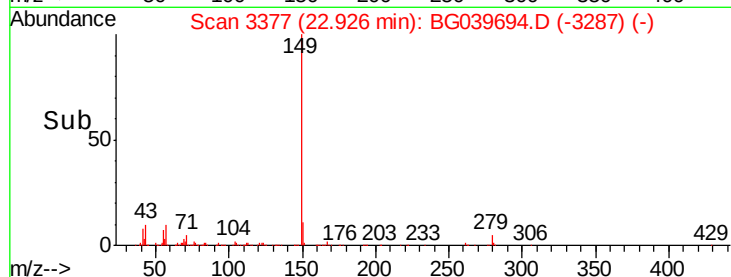
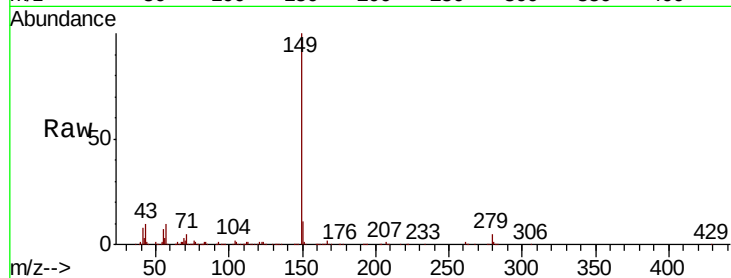
Tot Ion:149 Resp: 907050

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 10.6 10.2 15.4



#86

Indeno(1,2,3-cd)pyrene

Concen: 45.901 ng

RT: 29.08 min Scan# 4425

Delta R.T. -0.01 min

Lab File: BG039694.D

Acq: 1 Mar 2019 19:41

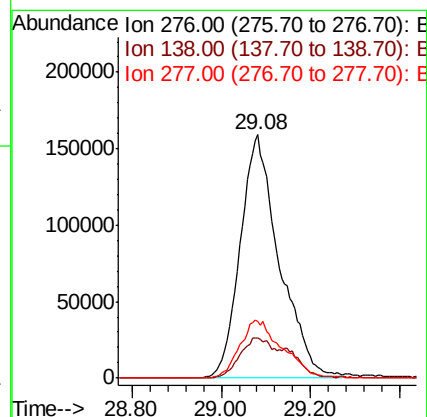
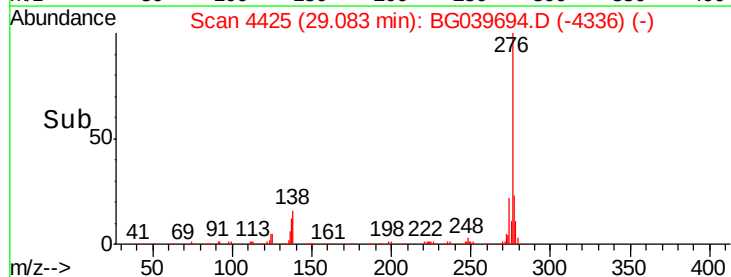
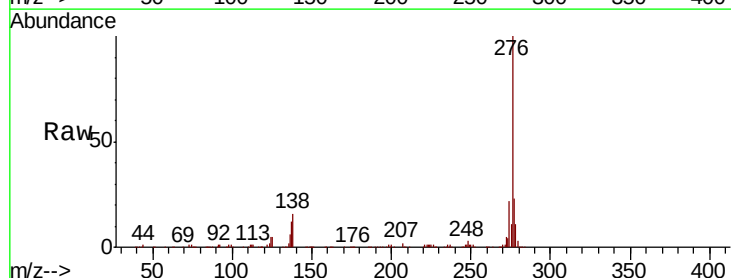
Tgt Ion:276 Resp: 966878

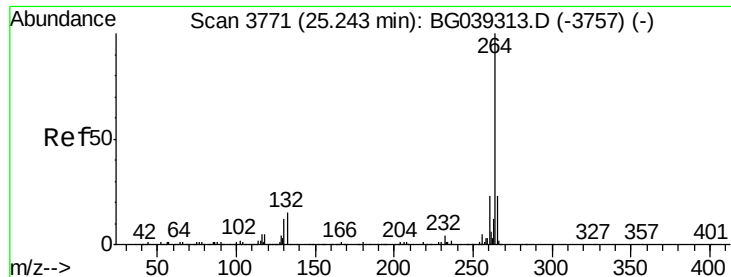
Ion Ratio Lower Upper

276 100

138 14.9 12.6 19.0

277 25.9 20.8 31.2

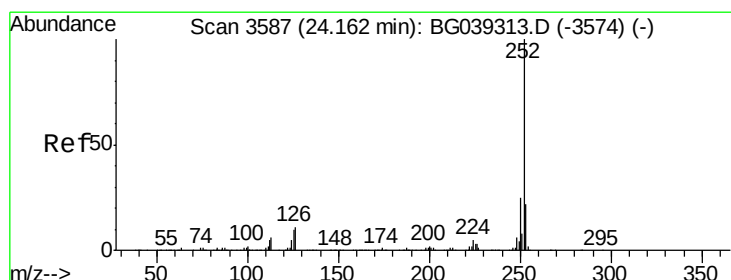
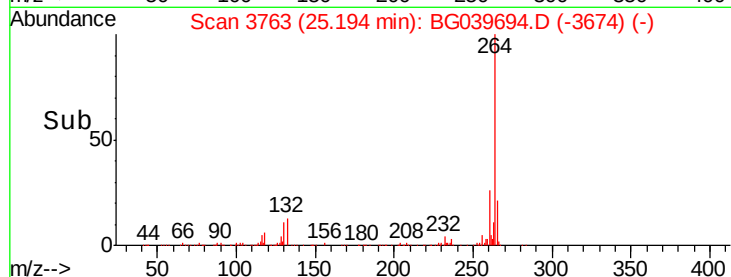
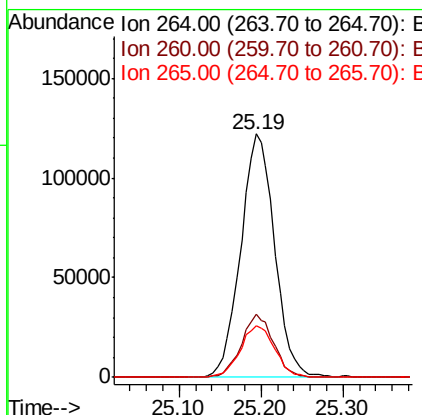
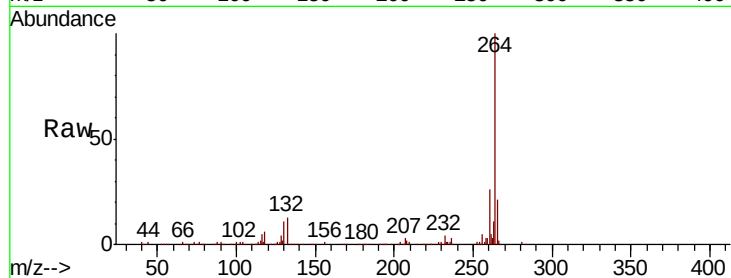




#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.19 min Scan# 3763
Delta R.T. -0.01 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

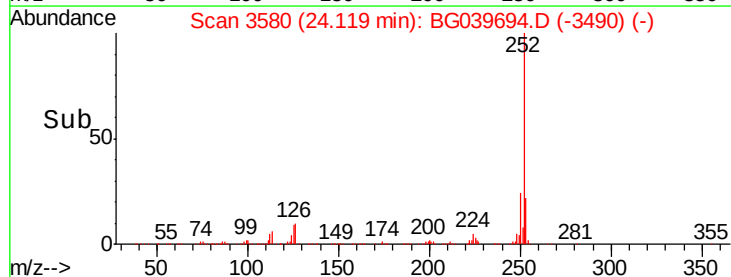
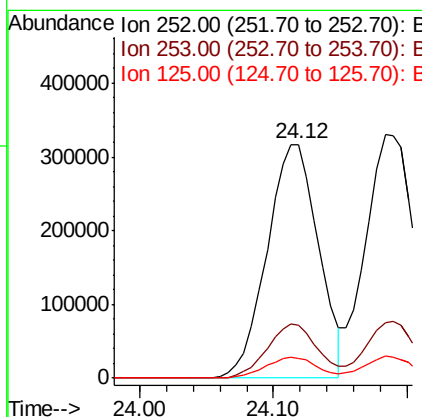
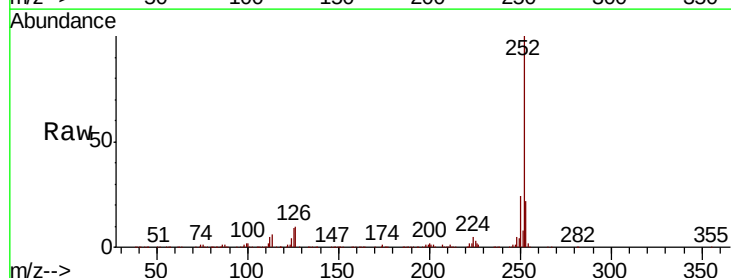
Instrument :
BNA_G
ClientSampleId :
PB117492BS

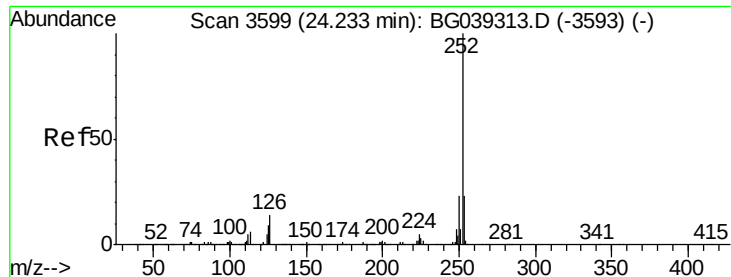
Tot Ion:264	Resp:	350663
Ion	Ratio	Lower Upper
264	100	
260	25.8	18.2 27.4
265	21.1	18.5 27.7



#88
Benzo(b)fluoranthene
Concen: 44.240 ng
RT: 24.12 min Scan# 3580
Delta R.T. -0.00 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

Tgt Ion:252	Resp:	846030
Ion	Ratio	Lower Upper
252	100	
253	22.4	17.8 26.8
125	8.5	7.8 11.6

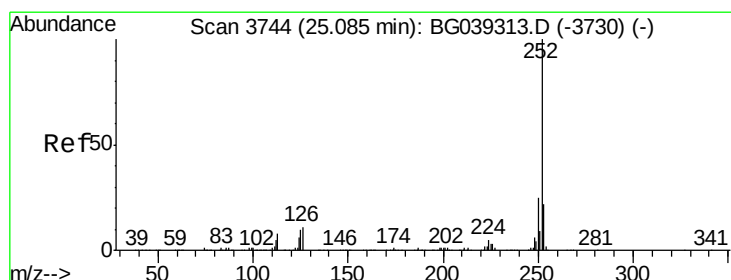
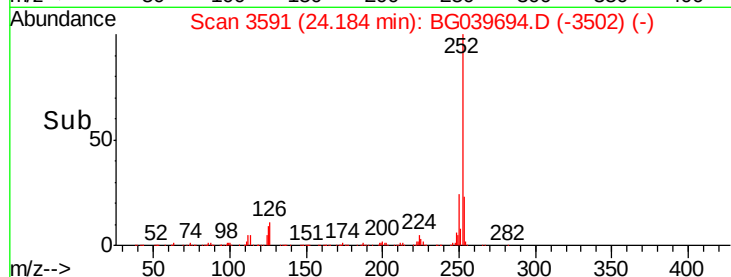
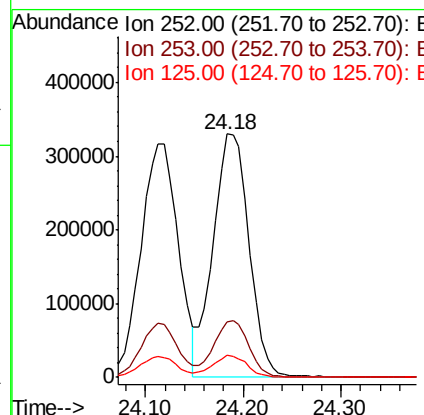
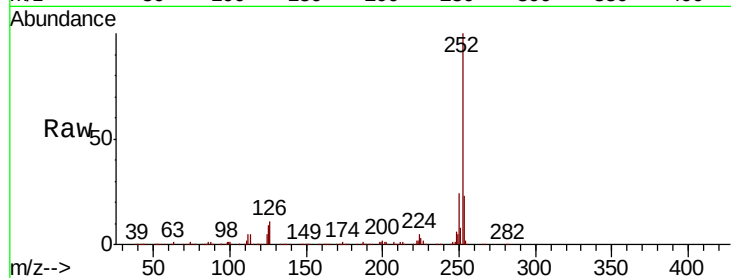




#89
Benzo(k)fluoranthene
Concen: 43.755 ng
RT: 24.18 min Scan# 3591
Delta R.T. -0.01 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

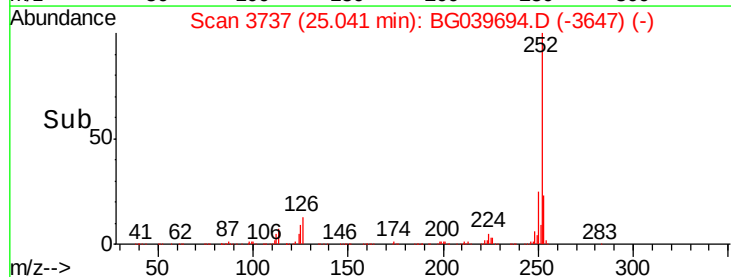
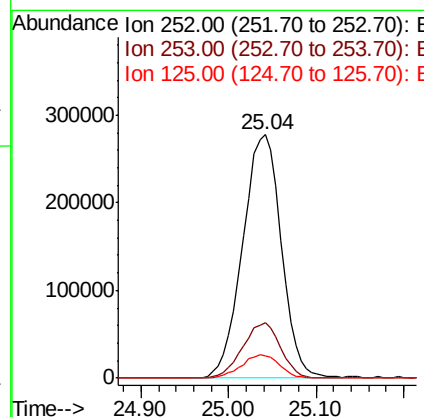
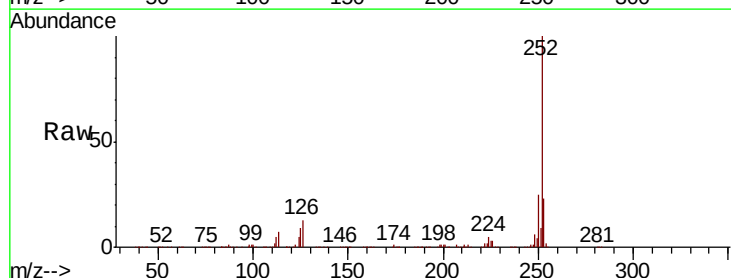
Instrument :
BNA_G
ClientSampleId :
PB117492BS

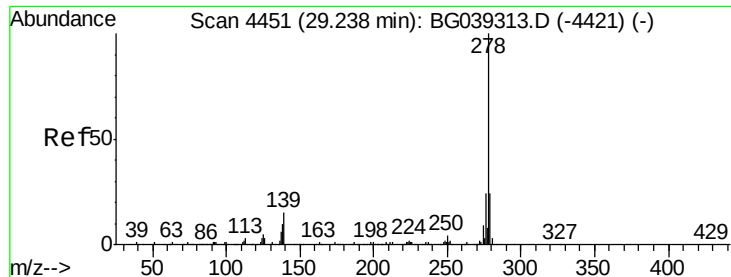
Tot Ion:252 Resp: 840085
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.2
125 9.2 7.4 11.2



#90
Benzo(a)pyrene
Concen: 45.286 ng
RT: 25.04 min Scan# 3737
Delta R.T. -0.00 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

Tgt Ion:252 Resp: 834058
Ion Ratio Lower Upper
252 100
253 23.0 17.9 26.9
125 9.3 8.3 12.5

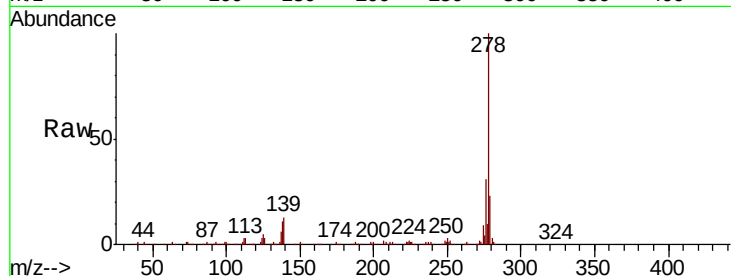




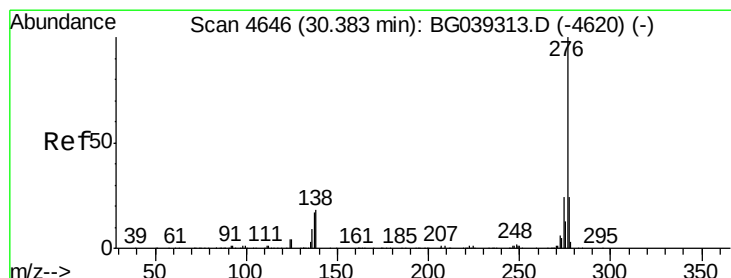
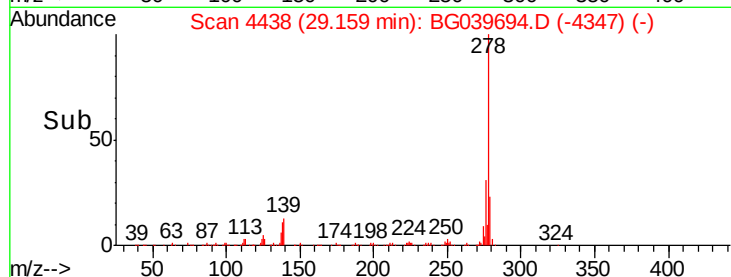
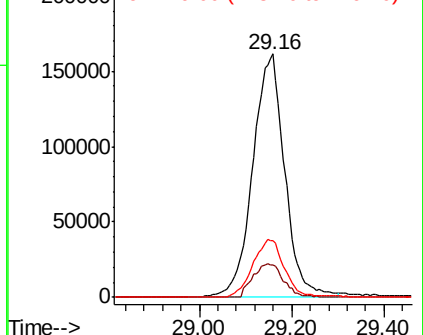
#91
Dibenzo(a,h)anthracene
Concen: 44.993 ng
RT: 29.16 min Scan# 4438
Delta R.T. 0.01 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

Instrument :
BNA_G
ClientSampleId :
PB117492BS

Tot Ion:278 Resp: 776032
Ion Ratio Lower Upper
278 100
139 13.4 11.7 17.5
279 23.2 19.1 28.7

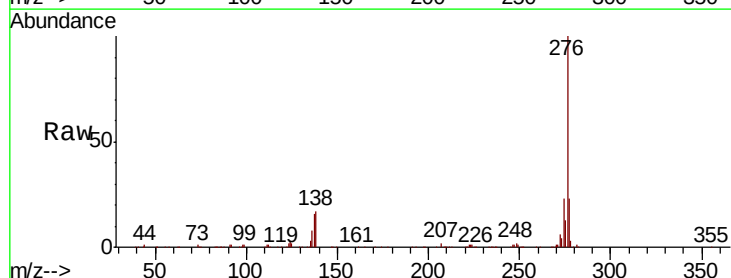


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 45.879 ng
RT: 30.31 min Scan# 4634
Delta R.T. -0.00 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

Tgt Ion:276 Resp: 788720
Ion Ratio Lower Upper
276 100
277 22.8 19.6 29.4
138 17.2 14.7 22.1



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

