

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100419\
 Data File : BG043033.D
 Acq On : 4 Oct 2019 18:17
 Operator : JU
 Sample : PB123604BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB123604BS

Quant Time: Oct 05 04:51:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	70481	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	281699	20.00	ng	-0.01
39) Acenaphthene-d10	14.69	164	207648	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	495962	20.00	ng	-0.01
76) Chrysene-d12	21.70	240	556175	20.00	ng	-0.02
87) Perylene-d12	24.91	264	562517	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	466512	118.12	ng	-0.01
7) Phenol-d6	7.24	99	633895	111.46	ng	0.00
23) Nitrobenzene-d5	9.22	82	373499	64.44	ng	-0.01
42) 2,4,6-Tribromophenol	16.17	330	398681	111.66	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	942830	65.82	ng	-0.01
79) Terphenyl-d14	20.03	244	1805809	69.19	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.54	88	61758	37.506	ng	91
3) Pyridine	3.94	79	151044	32.614	ng	89
4) n-Nitrosodimethylamine	3.85	42	89848	40.343	ng	# 88
6) Aniline	7.39	93	241565	35.186	ng	99
8) 2-Chlorophenol	7.64	128	197292	47.902	ng	98
9) Benzaldehyde	7.20	77	95020	27.341	ng	82
10) Phenol	7.26	94	246010	47.147	ng	95
11) bis(2-Chloroethyl)ether	7.48	93	166674	41.284	ng	92
12) 1,3-Dichlorobenzene	7.95	146	211950	40.340	ng	97
13) 1,4-Dichlorobenzene	8.09	146	215098	41.067	ng	99
14) 1,2-Dichlorobenzene	8.42	146	203985	40.907	ng	94
15) Benzyl Alcohol	8.30	79	190752	44.611	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.59	45	267657	34.521	ng	100
17) 2-Methylphenol	8.51	107	171537	46.983	ng	96
18) Hexachloroethane	9.15	117	78718	39.906	ng	98
19) n-Nitroso-di-n-propylamine	8.87	70	154601	41.399	ng	92
20) 3+4-Methylphenols	8.83	107	231106	46.190	ng	98
22) Acetophenone	8.88	105	290918	40.064	ng	# 98
24) Nitrobenzene	9.26	77	229142	41.450	ng	95
25) Isophorone	9.79	82	423000	41.551	ng	100
26) 2-Nitrophenol	9.97	139	112493	47.801	ng	94
27) 2,4-Dimethylphenol	10.04	122	194677	53.866	ng	98
28) bis(2-Chloroethoxy)methane	10.27	93	240565	41.649	ng	99
29) 2,4-Dichlorophenol	10.51	162	212524	47.282	ng	98
30) 1,2,4-Trichlorobenzene	10.73	180	234646	40.425	ng	95
31) Naphthalene	10.91	128	594644	42.882	ng	98
32) Benzoic acid	10.20	122	134124	47.729	ng	96
33) 4-Chloroaniline	11.02	127	192666	32.019	ng	98
34) Hexachlorobutadiene	11.20	225	168576	38.788	ng	98
35) Caprolactam	11.80	113	34245	21.604	ng	88
36) 4-Chloro-3-methylphenol	12.15	107	226359	46.317	ng	94
37) 2-Methylnaphthalene	12.52	142	459060	43.394	ng	97
38) 1-Methylnaphthalene	12.74	142	428572	42.814	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	303230	38.839	ng	99

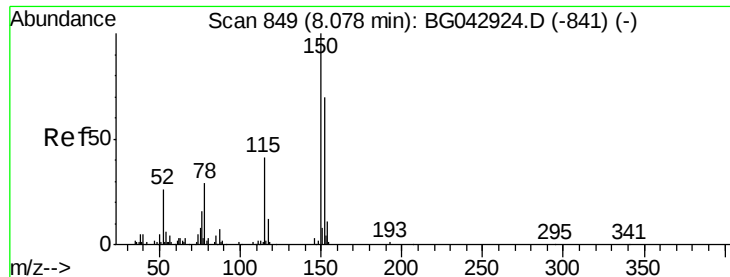
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100419\
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 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	382833	76.959	nq	97
43) 2,4,6-Trichlorophenol	13.12	196	204278	44.703	nq	99
44) 2,4,5-Trichlorophenol	13.19	196	216808	46.056	nq	97
46) 1,1'-Biphenyl	13.52	154	616960	39.180	nq	98
47) 2-Chloronaphthalene	13.56	162	487904	41.326	nq	98
48) 2-Nitroaniline	13.76	65	161237	41.068	nq	93
49) Acenaphthylene	14.40	152	776533	42.985	nq	99
50) Dimethylphthalate	14.14	163	642787	41.315	nq	99
51) 2,6-Dinitrotoluene	14.25	165	148339	44.771	nq	91
52) Acenaphthene	14.75	154	479555	39.659	nq	99
53) 3-Nitroaniline	14.59	138	118719	34.672	nq	100
54) 2,4-Dinitrophenol	14.79	184	185249	89.950	nq	95
55) Dibenzofuran	15.08	168	749711	41.913	nq	99
56) 4-Nitrophenol	14.90	139	241022	92.384	nq	98
57) 2,4-Dinitrotoluene	15.04	165	209439	43.166	nq	97
58) Fluorene	15.73	166	636709	41.693	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.31	232	216449	43.184	nq	99
60) Diethylphthalate	15.50	149	647098	40.868	nq	98
61) 4-Chlorophenyl-phenylether	15.72	204	368181	40.199	nq	99
62) 4-Nitroaniline	15.75	138	153186	41.021	nq	92
63) Azobenzene	16.01	77	571241	39.627	nq	97
65) 4,6-Dinitro-2-methylphenol	15.80	198	133366	47.521	nq	92
66) n-Nitrosodiphenylamine	15.93	169	572152	43.700	nq	99
67) 4-Bromophenyl-phenylether	16.61	248	261477	42.006	nq	96
68) Hexachlorobenzene	16.74	284	284776	41.088	nq	97
69) Atrazine	16.88	200	220877	40.063	nq	96
70) Pentachlorophenol	17.08	266	378933	94.750	nq	97
71) Phenanthrene	17.46	178	1016854	41.996	nq	98
72) Anthracene	17.56	178	1037971	42.941	nq	99
73) Carbazole	17.83	167	961533	42.896	nq	99
74) Di-n-butylphthalate	18.38	149	1103603	41.265	nq	99
75) Fluoranthene	19.47	202	1355346	42.320	nq	99
77) Benzidine	19.65	184	416816	29.931	nq	99
78) Pyrene	19.83	202	1370020	41.271	nq	99
80) Butylbenzylphthalate	20.72	149	537889	42.688	nq	97
81) Benzo(a)anthracene	21.67	228	1420150	40.980	nq	99
82) 3,3'-Dichlorobenzidine	21.59	252	553290	40.707	nq	99
83) Chrysene	21.74	228	1395982	41.510	nq	99
84) Bis(2-ethylhexyl)phthalate	21.58	149	766054	42.726	nq	98
85) Di-n-octyl phthalate	22.79	149	1296831	44.232	nq	97
86) Indeno(1,2,3-cd)pyrene	28.58	276	1825443	43.602	nq	# 95
88) Benzo(b)fluoranthene	23.89	252	1548718	48.658	nq	97
89) Benzo(k)fluoranthene	23.96	252	1518895	48.238	nq	99
90) Benzo(a)pyrene	24.77	252	1513175	50.390	nq	99
91) Dibenzo(a,h)anthracene	28.65	278	1575508	51.165	nq	100
92) Benzo(g,h,i)perylene	29.74	276	1539927	51.614	nq	98

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

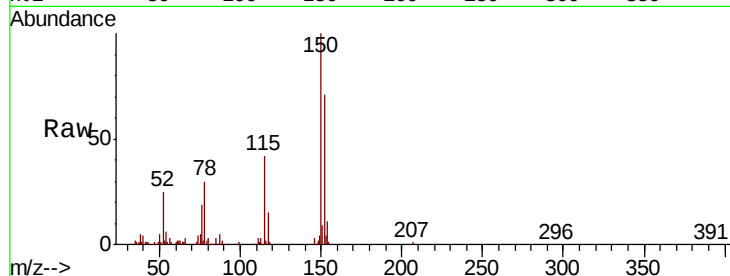


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: BG043033.D
 Acq: 4 Oct 2019 18:17

Instrument :
 BNA_G
 ClientSampleId :
 PB123604BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	141.7	115.0	172.4
115	59.2	47.0	70.6

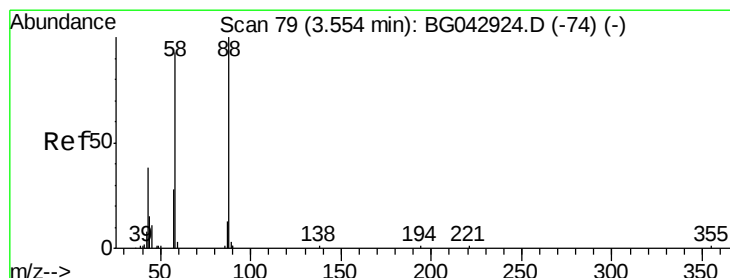
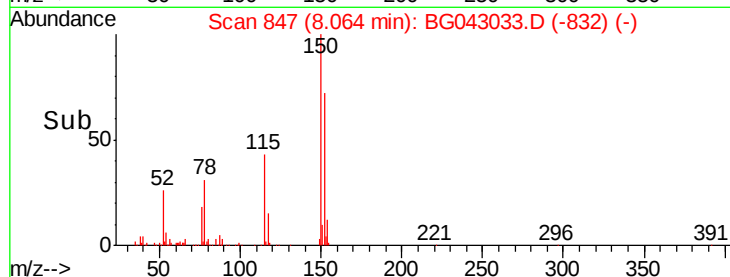
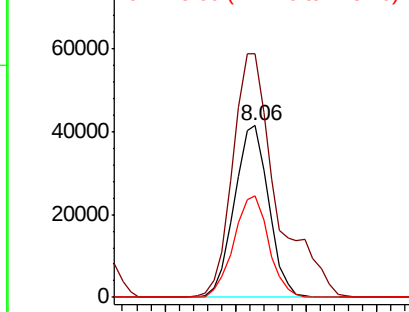


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

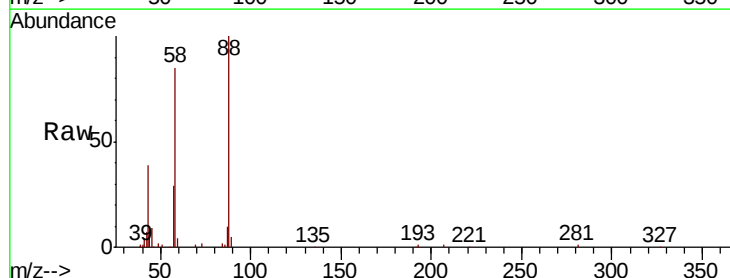
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
 Concen: 37.506 ng
 RT: 3.54 min Scan# 77
 Delta R.T. -0.01 min
 Lab File: BG043033.D
 Acq: 4 Oct 2019 18:17

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.5	74.3	111.5
43	32.2	29.8	44.8

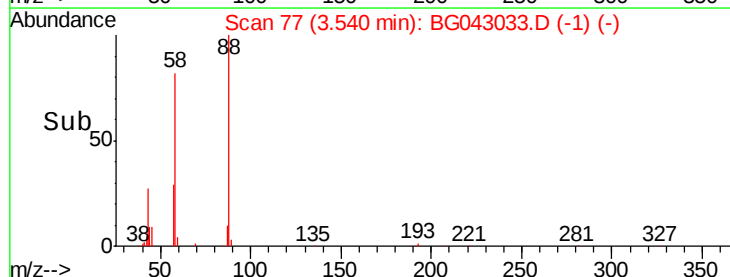
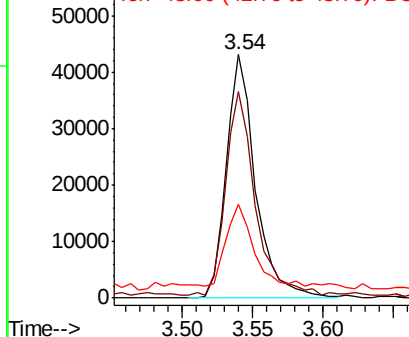


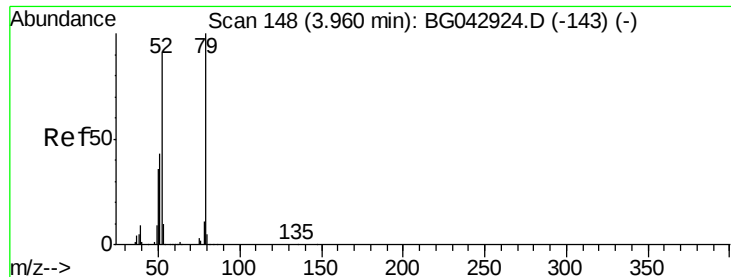
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 32.614 ng

RT: 3.94 min Scan# 145

Delta R.T. -0.02 min

Lab File: BG043033.D

Acq: 4 Oct 2019 18:17

Instrument :

BNA_G

ClientSampleId :

PB123604BS

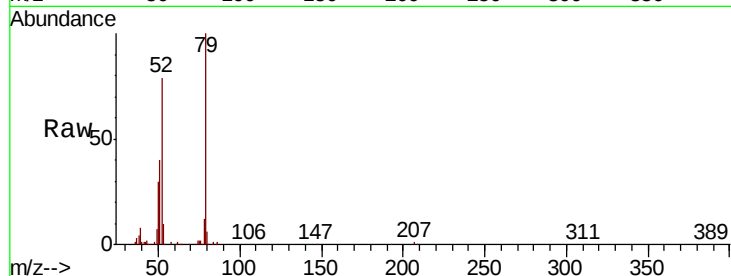
Tot Ion: 79 Resp: 151044

Ion Ratio Lower Upper

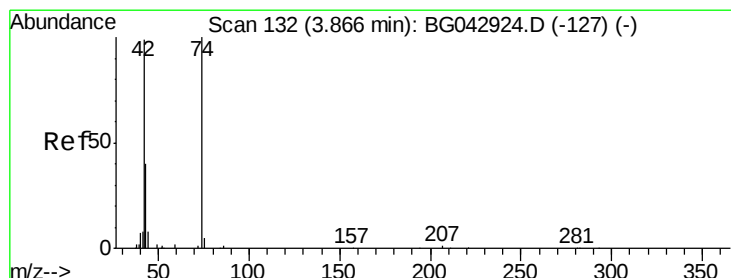
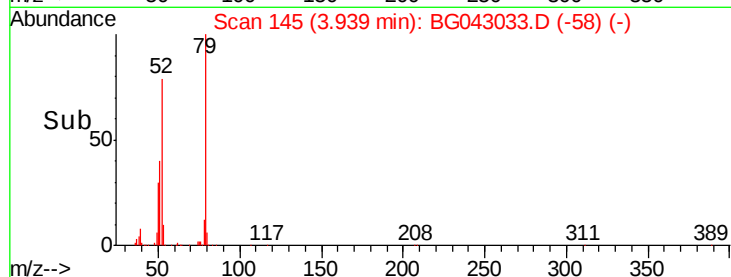
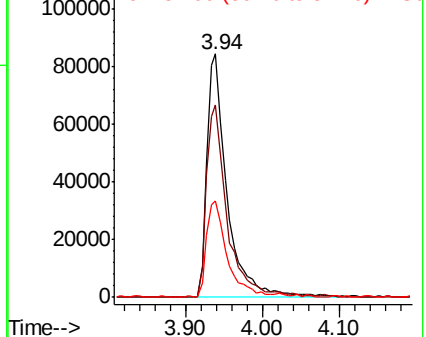
79 100

52 78.9 73.0 109.4

51 39.8 35.1 52.7



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: 40.343 ng

RT: 3.85 min Scan# 130

Delta R.T. -0.01 min

Lab File: BG043033.D

Acq: 4 Oct 2019 18:17

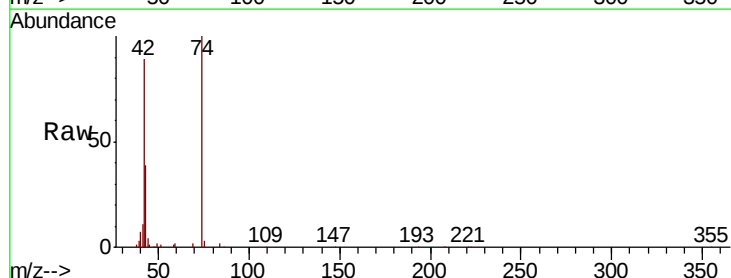
Tgt Ion: 42 Resp: 89848

Ion Ratio Lower Upper

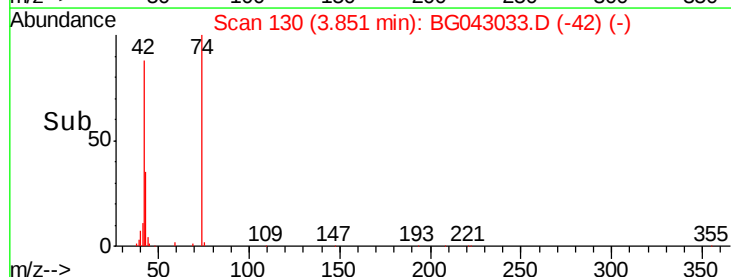
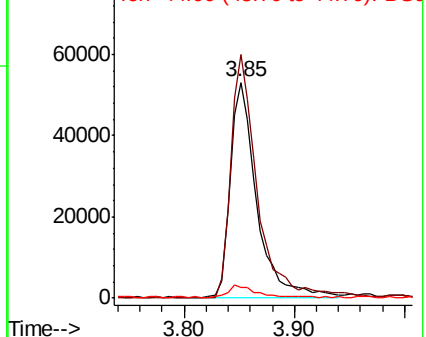
42 100

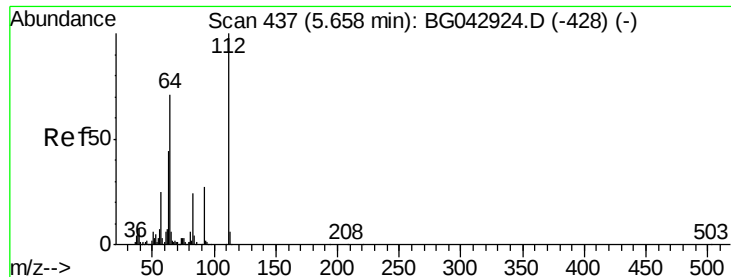
74 112.9 80.5 120.7

44 4.9 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: 118.124 ng

RT: 5.64 min Scan# 435

Delta R.T. -0.01 min

Lab File: BG043033.D

Acq: 4 Oct 2019 18:17

Instrument :

BNA_G

ClientSampleId :

PB123604BS

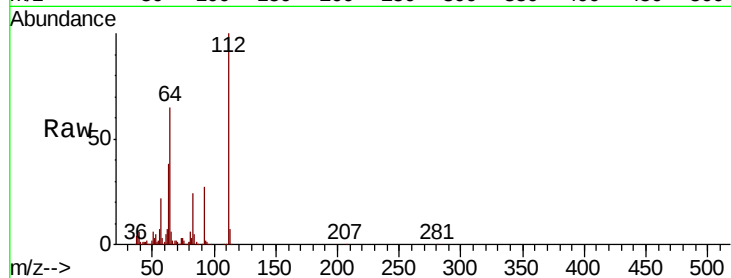
Tot Ion:112 Resp: 466512

Ion Ratio Lower Upper

112 100

64 65.3 56.6 84.8

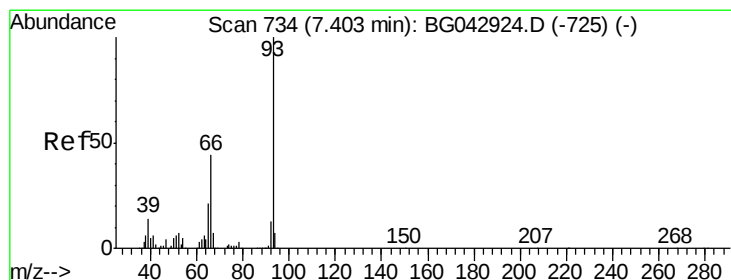
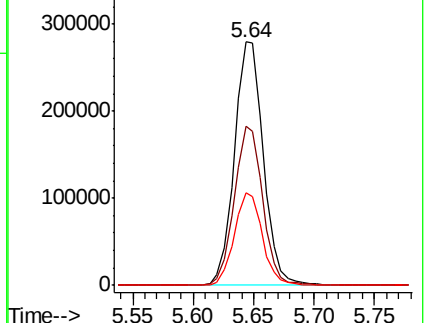
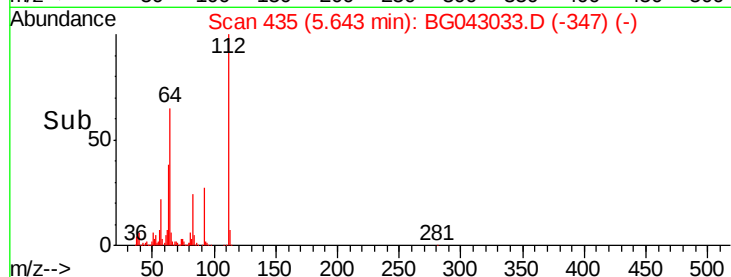
63 38.2 35.1 52.7



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: 35.186 ng

RT: 7.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BG043033.D

Acq: 4 Oct 2019 18:17

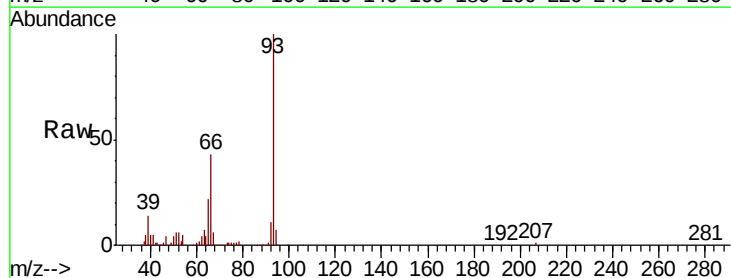
Tgt Ion: 93 Resp: 241565

Ion Ratio Lower Upper

93 100

66 43.1 35.0 52.6

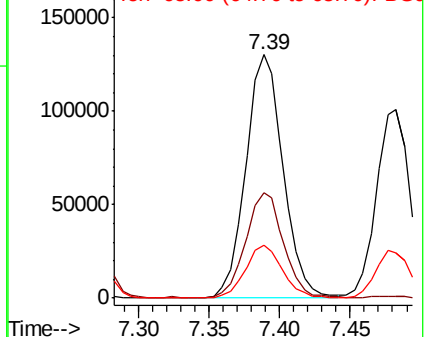
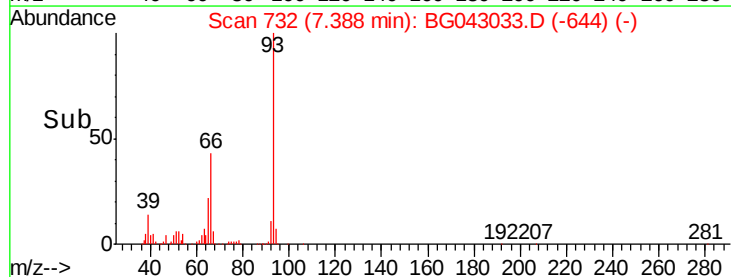
65 21.9 17.4 26.0

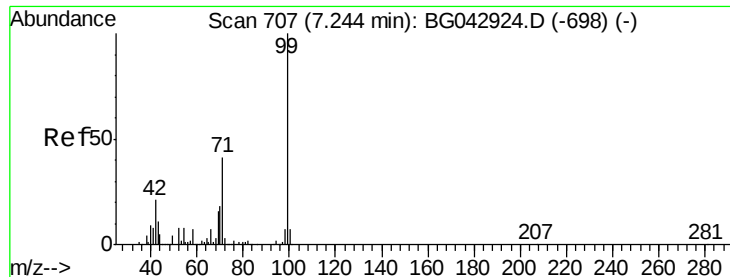


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 111.458 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.01 min

Lab File: BG043033.D

Acq: 4 Oct 2019 18:17

Instrument :

BNA_G

ClientSampleId :

PB123604BS

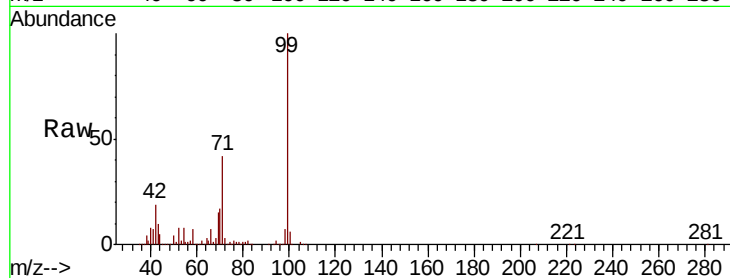
Tot Ion: 99 Resp: 633895

Ion Ratio Lower Upper

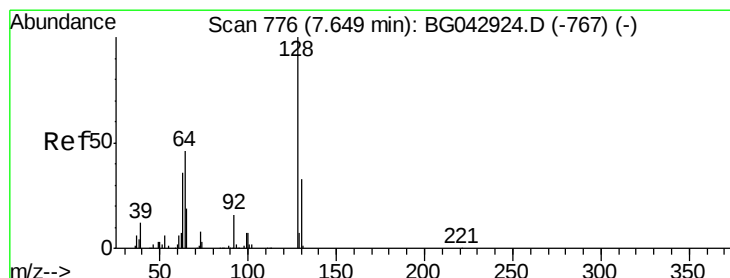
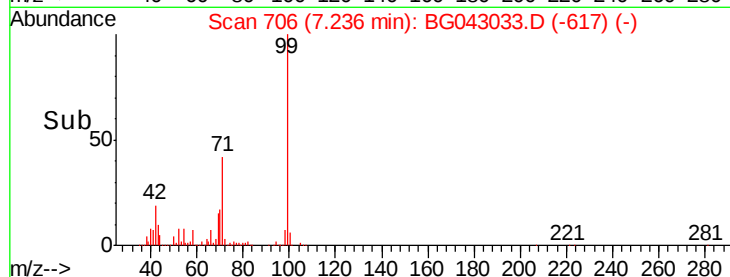
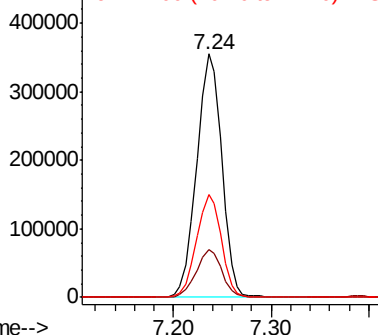
99 100

42 19.4 17.2 25.8

71 42.1 33.1 49.7



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: 47.902 ng

RT: 7.64 min Scan# 774

Delta R.T. -0.01 min

Lab File: BG043033.D

Acq: 4 Oct 2019 18:17

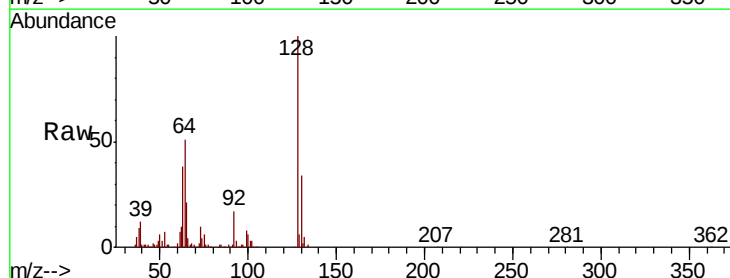
Tgt Ion: 128 Resp: 197292

Ion Ratio Lower Upper

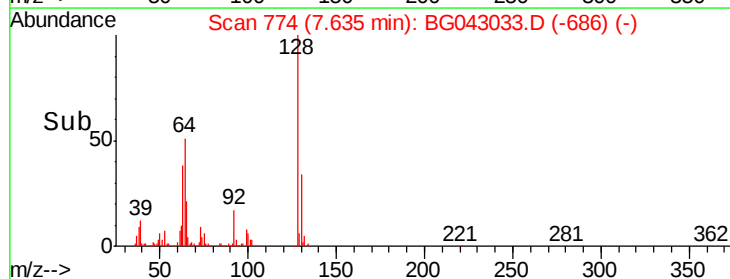
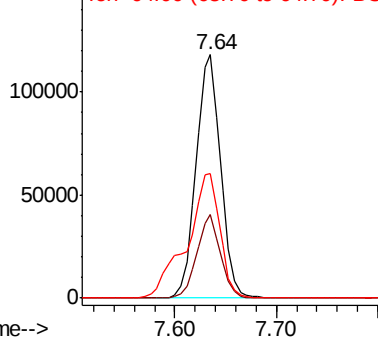
128 100

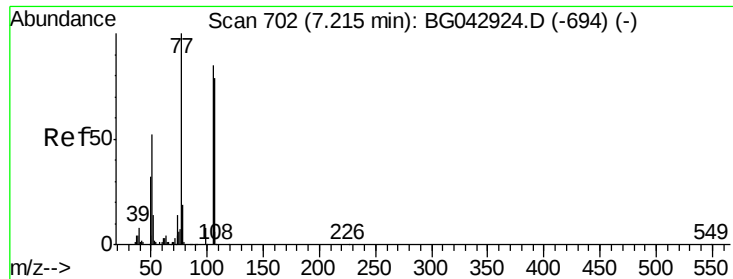
130 34.3 12.5 52.5

64 51.4 32.8 72.8



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: 27.341 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.01 min

Lab File: BG043033.D

Acq: 4 Oct 2019 18:17

Instrument :

BNA_G

ClientSampleId :

PB123604BS

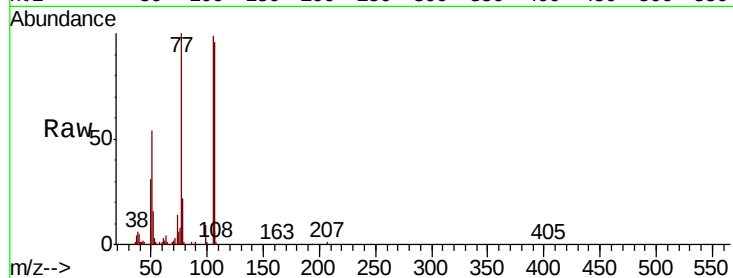
Tot Ion: 77 Resp: 95020

Ion Ratio Lower Upper

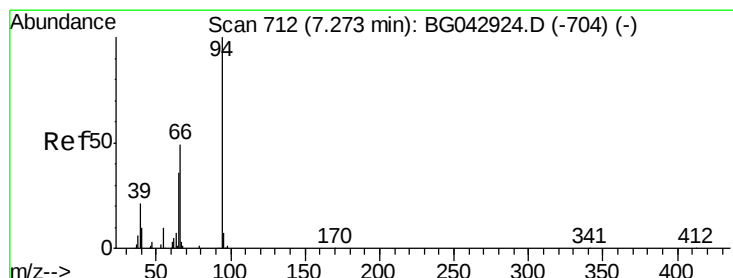
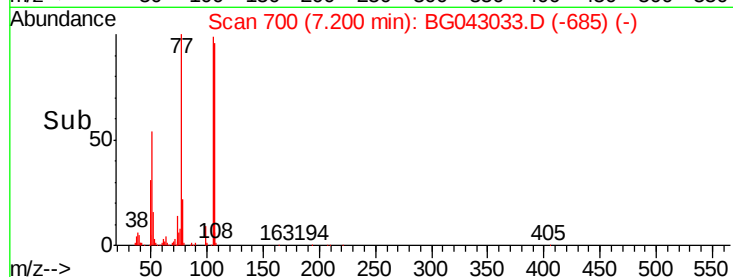
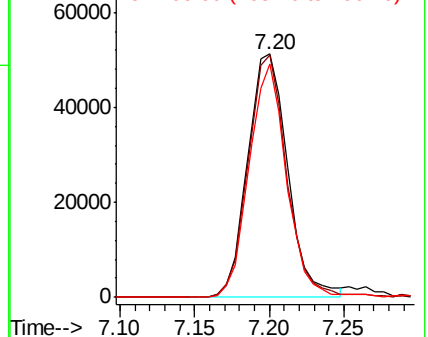
77 100

105 99.5 64.6 104.6

106 96.1 59.4 99.4



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: 47.147 ng

RT: 7.26 min Scan# 711

Delta R.T. -0.01 min

Lab File: BG043033.D

Acq: 4 Oct 2019 18:17

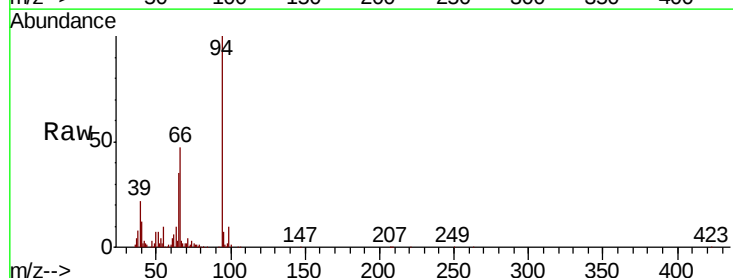
Tgt Ion: 94 Resp: 246010

Ion Ratio Lower Upper

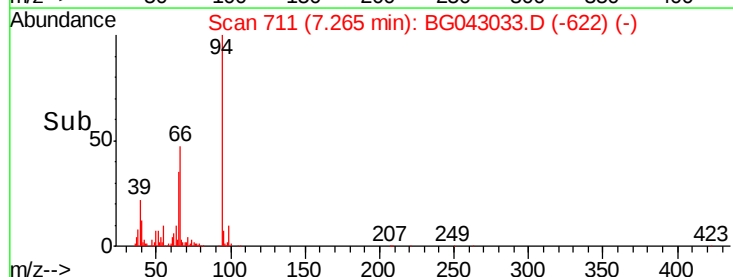
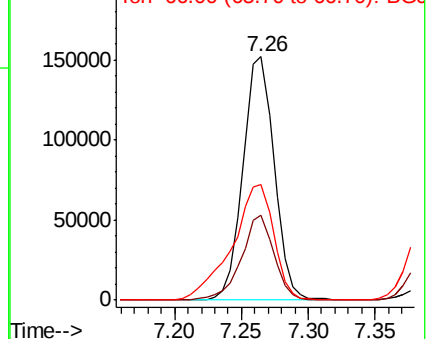
94 100

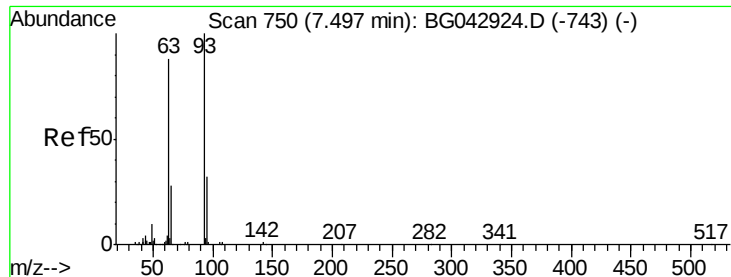
65 34.8 16.6 56.6

66 47.3 32.4 72.4



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

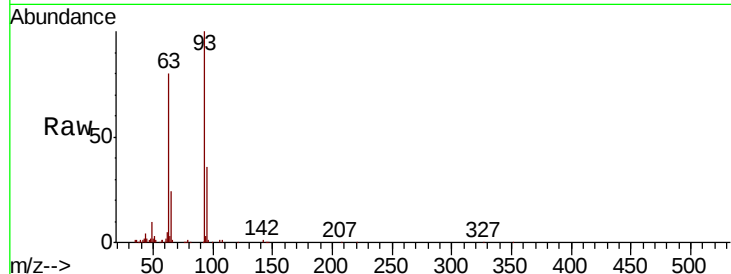




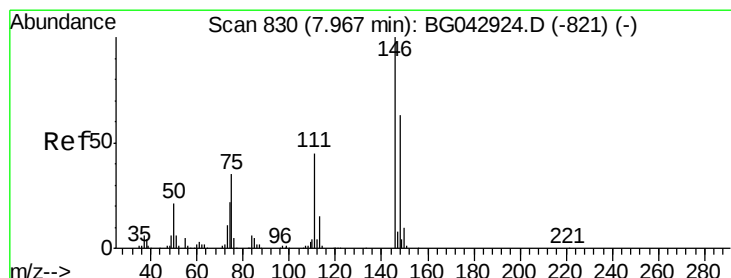
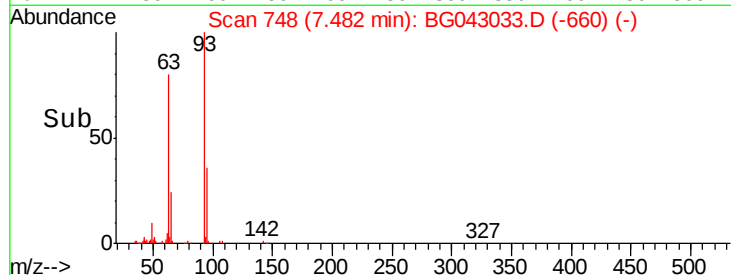
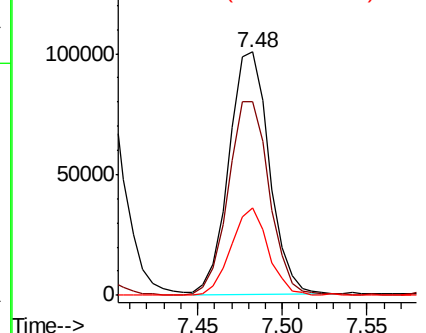
#11
bis(2-Chloroethyl)ether
Concen: 41.284 ng
RT: 7.48 min Scan# 748
Delta R.T. -0.01 min
Lab File: BG043033.D
Acq: 4 Oct 2019 18:17

Instrument :
BNA_G
ClientSampleId :
PB123604BS

Tot Ion: 93 Resp: 166674
Ion Ratio Lower Upper
93 100
63 79.7 67.4 107.4
95 35.8 11.9 51.9

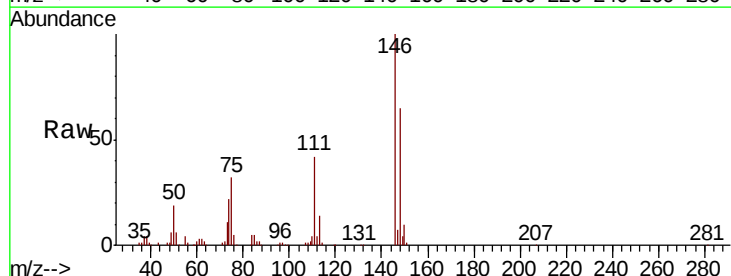


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

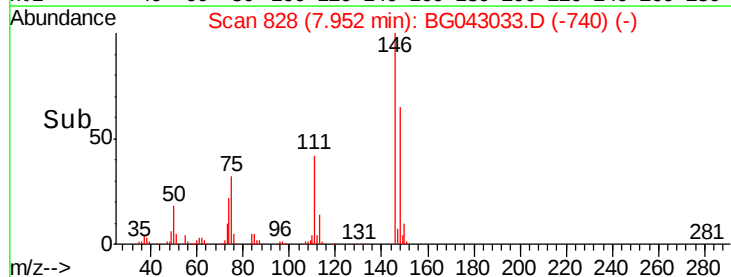
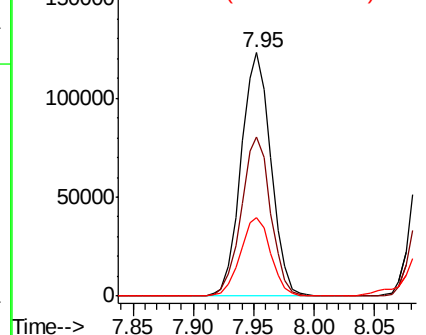


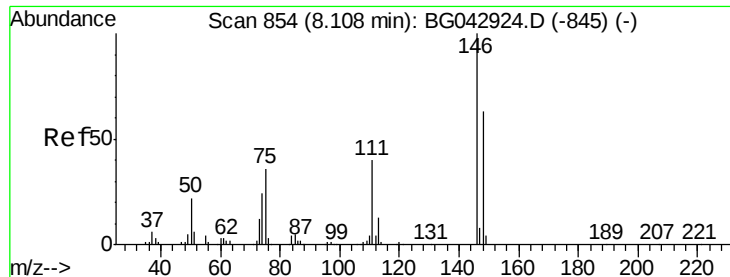
#12
1,3-Dichlorobenzene
Concen: 40.340 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.01 min
Lab File: BG043033.D
Acq: 4 Oct 2019 18:17

Tgt Ion: 146 Resp: 211950
Ion Ratio Lower Upper
146 100
148 65.1 50.7 76.1
75 32.3 27.7 41.5



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC

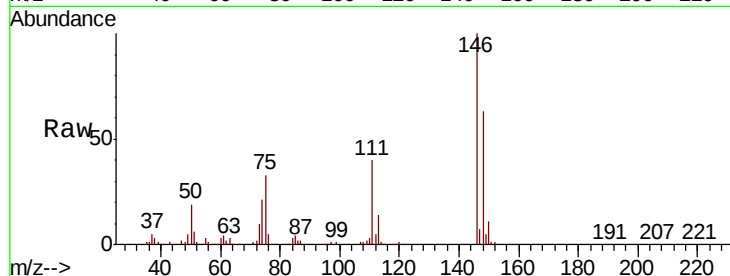




#13
 1,4-Dichlorobenzene
 Concen: 41.067 ng
 RT: 8.09 min Scan# 852
 Delta R.T. -0.01 min
 Lab File: BG043033.D
 Acq: 4 Oct 2019 18:17

Instrument :
 BNA_G
 ClientSampleId :
 PB123604BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.9	76.3
111	40.5	31.8	47.8

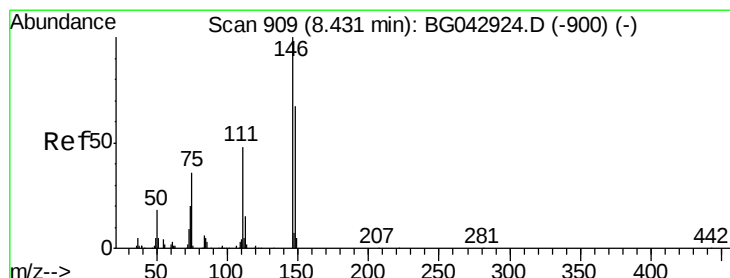
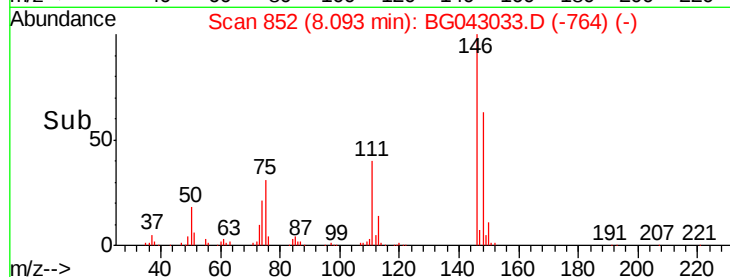
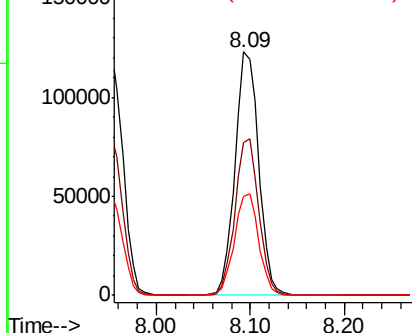


Abundance

Ion 146.00 (145.70 to 146.70): E

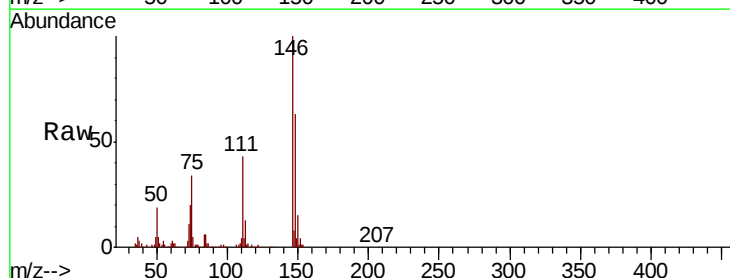
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 40.907 ng
 RT: 8.42 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BG043033.D
 Acq: 4 Oct 2019 18:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	53.4	80.2
111	42.6	38.5	57.7

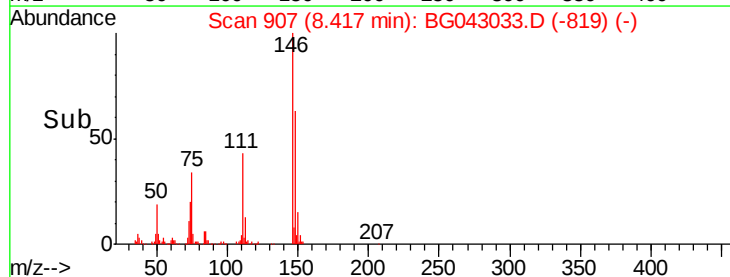
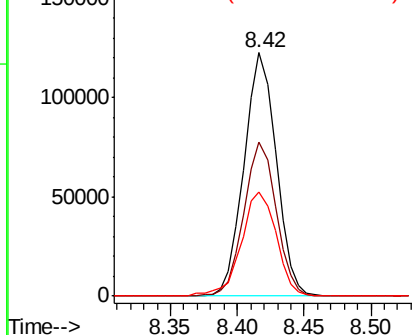


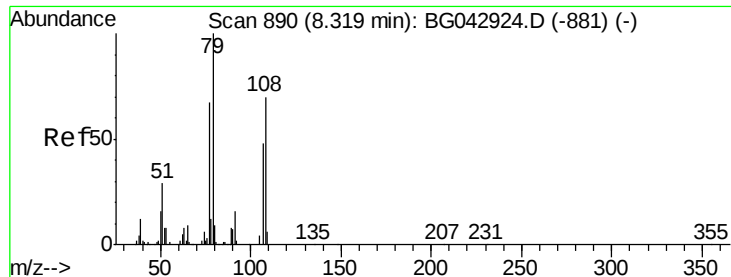
Abundance

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: 44.611 ng

RT: 8.30 min Scan# 887

Delta R.T. -0.02 min

Lab File: BG043033.D

Acq: 4 Oct 2019 18:17

Instrument :

BNA_G

ClientSampleId :

PB123604BS

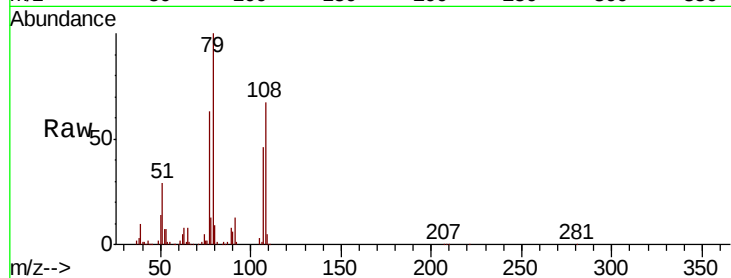
Tot Ion: 79 Resp: 190752

Ion Ratio Lower Upper

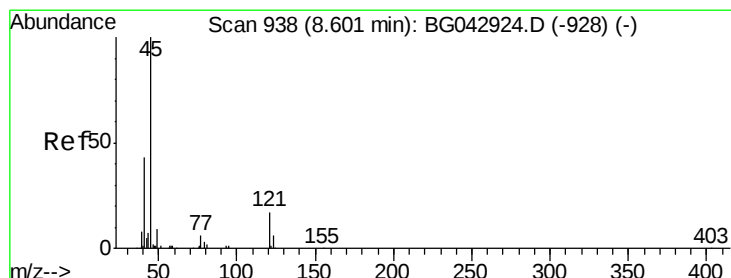
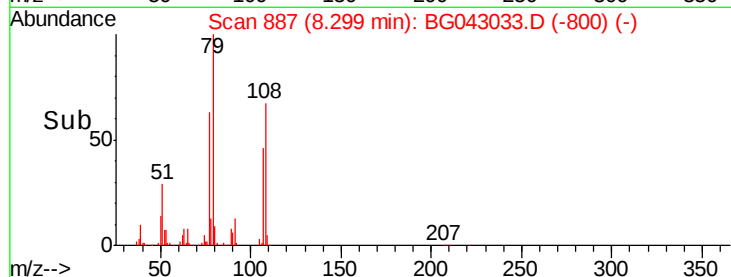
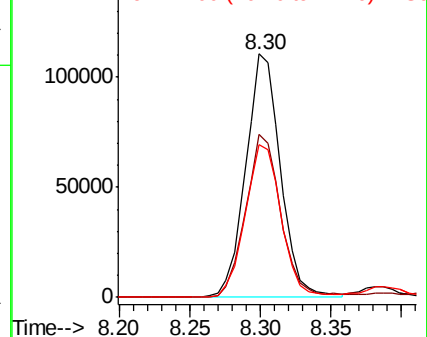
79 100

108 66.7 55.7 83.5

77 63.0 53.3 79.9



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.521 ng

RT: 8.59 min Scan# 936

Delta R.T. -0.01 min

Lab File: BG043033.D

Acq: 4 Oct 2019 18:17

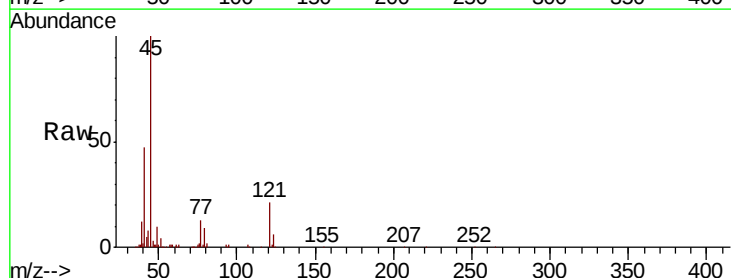
Tgt Ion: 45 Resp: 267657

Ion Ratio Lower Upper

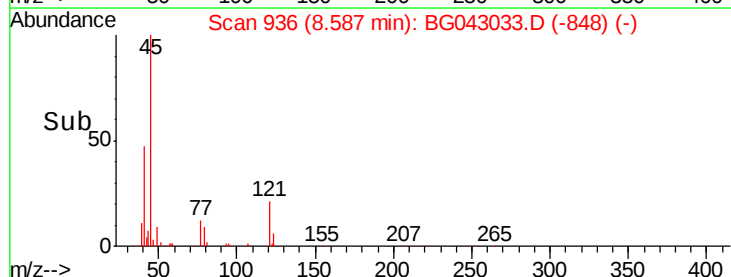
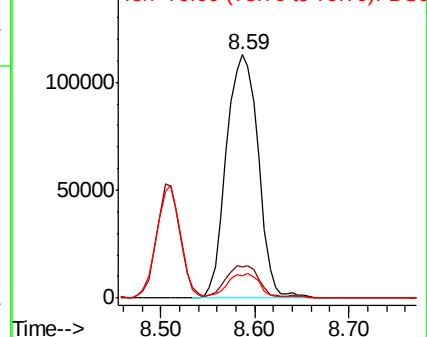
45 100

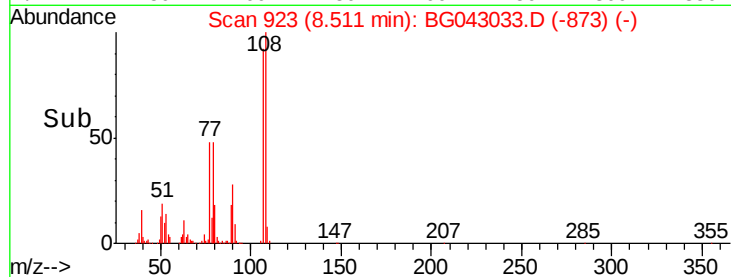
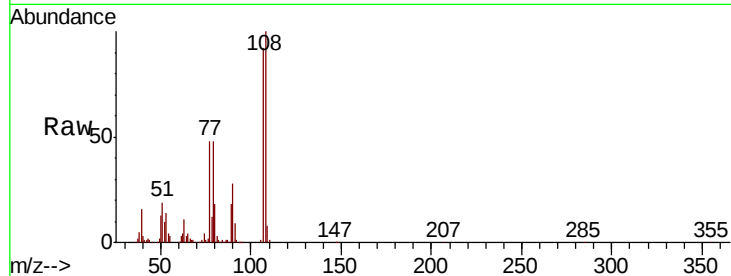
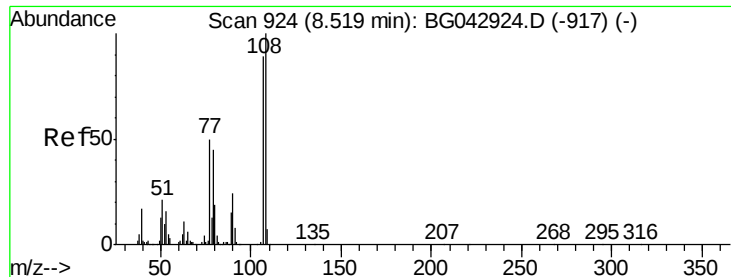
77 13.0 0.0 32.8

79 9.2 0.0 29.4



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

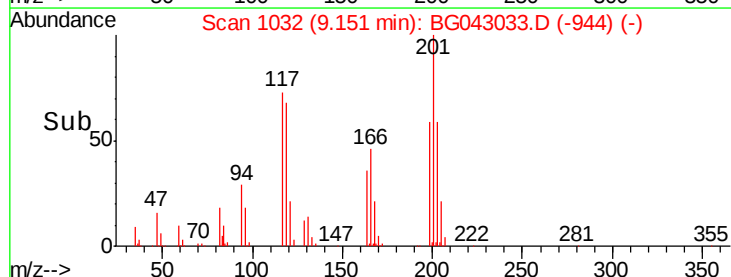
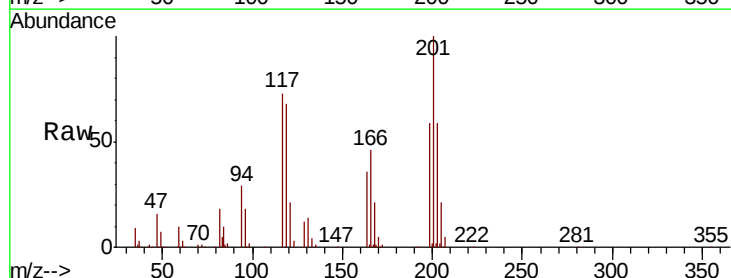
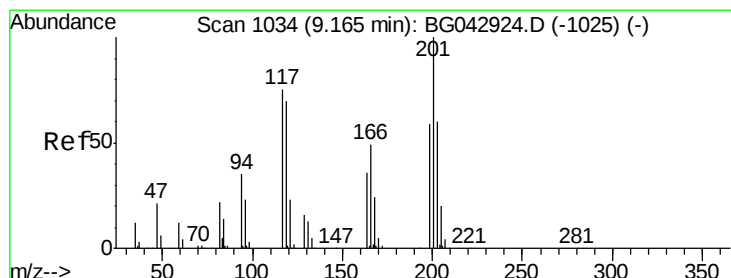
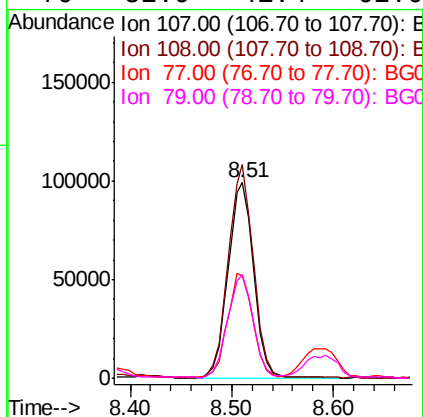




#17
2-Methylphenol
Concen: 46.983 ng
RT: 8.51 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG043033.D
Acq: 4 Oct 2019 18:17

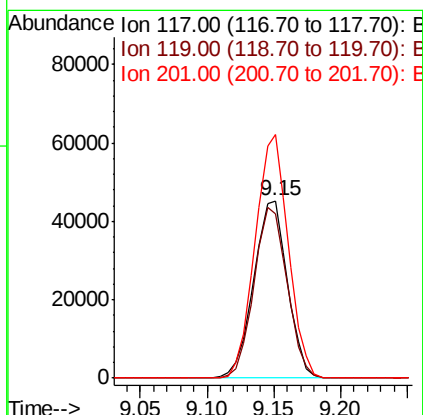
Instrument :
BNA_G
ClientSampleId :
PB123604BS

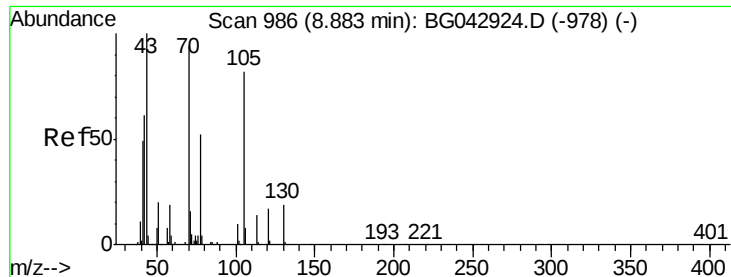
Tot Ion:	107	Resp:	171537
Ion	Ratio	Lower	Upper
107	100		
108	109.2	89.9	134.9
77	52.1	45.4	68.2
79	52.9	41.4	62.0



#18
Hexachloroethane
Concen: 39.906 ng
RT: 9.15 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BG043033.D
Acq: 4 Oct 2019 18:17

Tgt Ion:	117	Resp:	78718
Ion	Ratio	Lower	Upper
117	100		
119	92.8	74.6	111.8
201	137.1	106.0	159.0

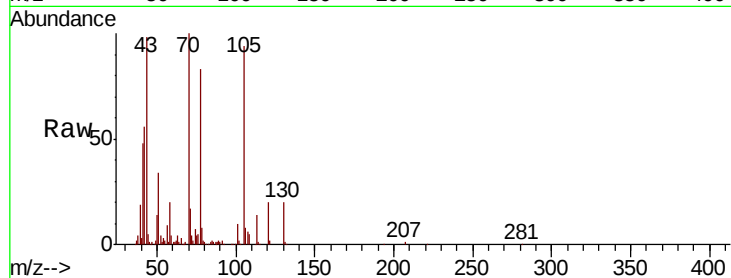




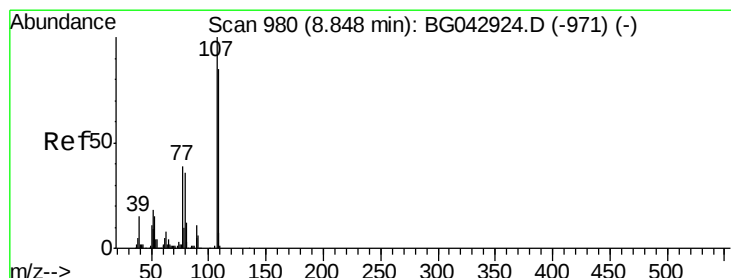
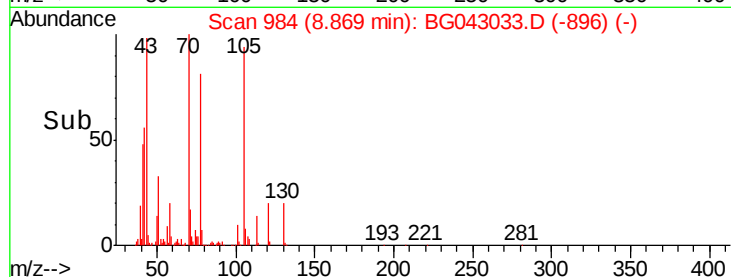
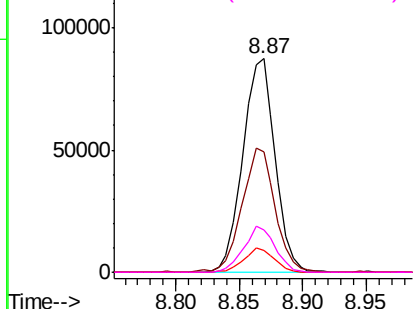
#19
n-Nitroso-di-n-propylamine
Concen: 41.399 ng
RT: 8.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BG043033.D
Acq: 4 Oct 2019 18:17

Instrument :
BNA_G
ClientSampleId :
PB123604BS

Tot Ion: 70 Resp: 154601
Ion Ratio Lower Upper
70 100
42 56.3 52.6 79.0
101 10.3 8.7 13.1
130 19.6 15.8 23.8



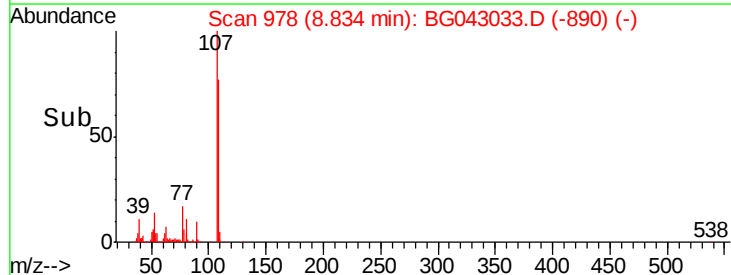
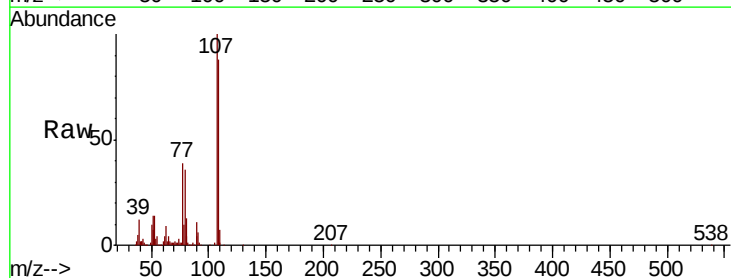
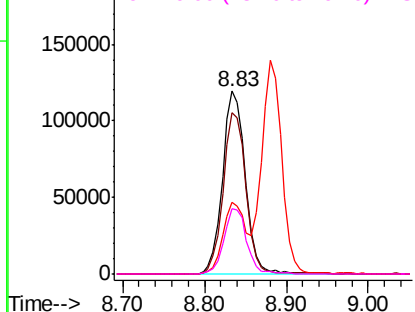
Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

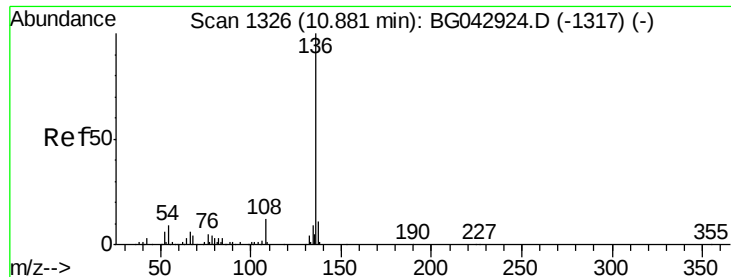


#20
3+4-Methylphenols
Concen: 46.190 ng
RT: 8.83 min Scan# 978
Delta R.T. -0.01 min
Lab File: BG043033.D
Acq: 4 Oct 2019 18:17

Tgt Ion:107 Resp: 231106
Ion Ratio Lower Upper
107 100
108 88.1 64.9 104.9
77 39.1 19.4 59.4
79 35.6 16.2 56.2

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

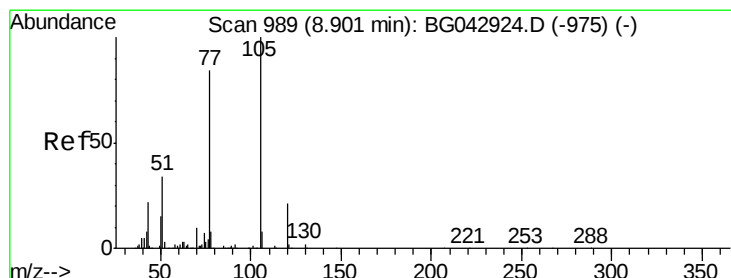
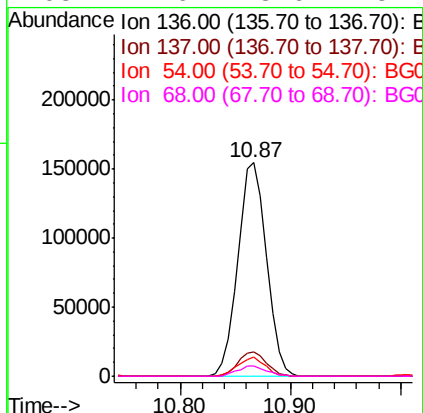
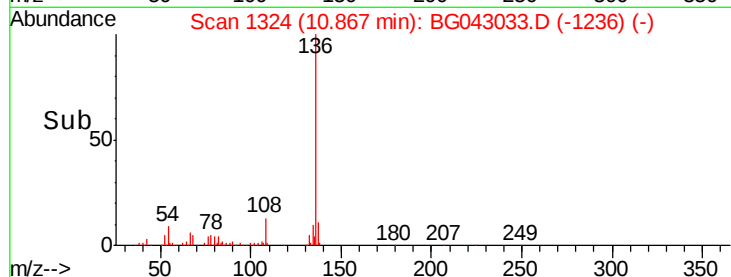
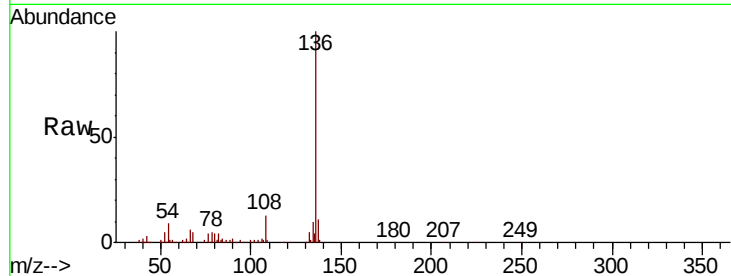




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG043033.D
Acq: 4 Oct 2019 18:17

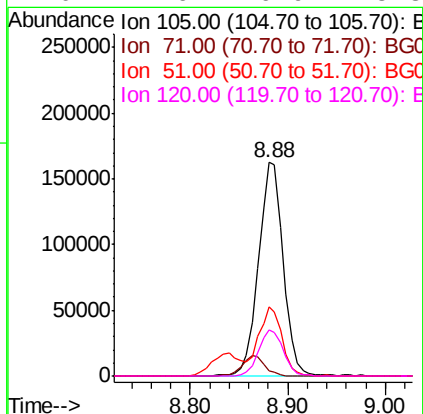
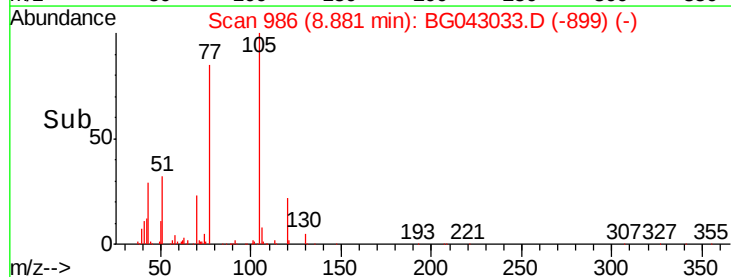
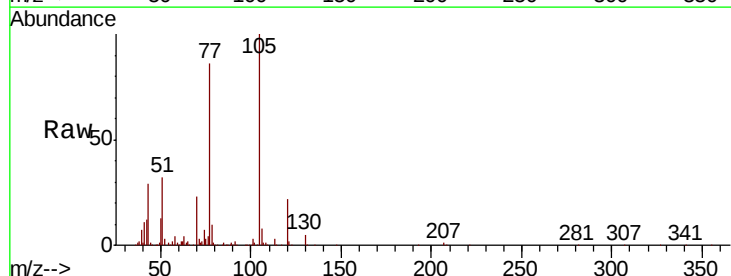
Instrument :
BNA_G
ClientSampleId :
PB123604BS

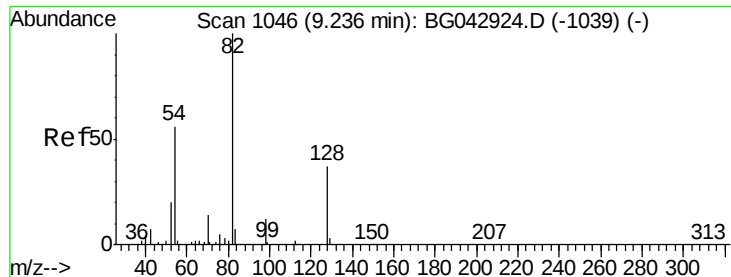
Tot Ion:136	Resp:	281699
Ion Ratio	Lower	Upper
136 100		
137 11.4	8.5	12.7
54 8.7	7.4	11.2
68 4.6	3.6	5.4



#22
Acetophenone
Concen: 40.064 ng
RT: 8.88 min Scan# 986
Delta R.T. -0.02 min
Lab File: BG043033.D
Acq: 4 Oct 2019 18:17

Tgt	Ion:105	Resp:	290918
Ion	Ratio	Lower	Upper
105	100		
71	2.6	1.2	1.8#
51	32.4	27.2	40.8
120	21.6	16.9	25.3

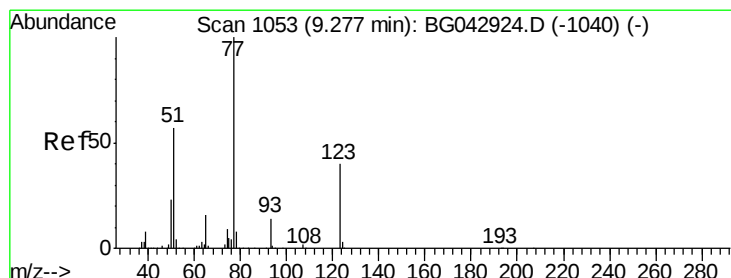
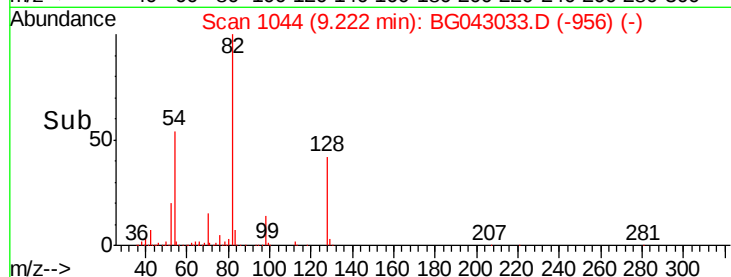
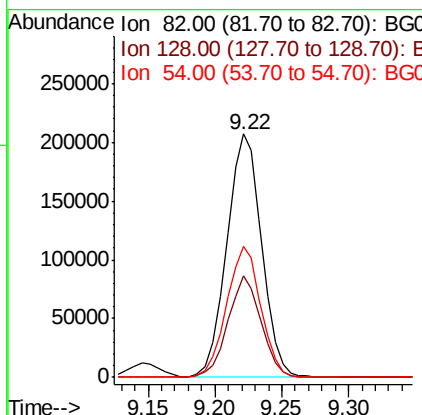
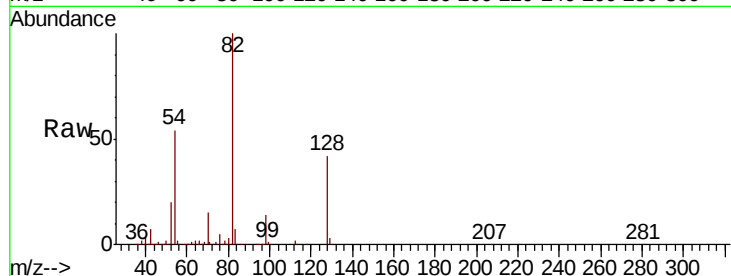




#23
 Nitrobenzene-d5
 Concen: 64.445 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.01 min
 Lab File: BG043033.D
 Acq: 4 Oct 2019 18:17

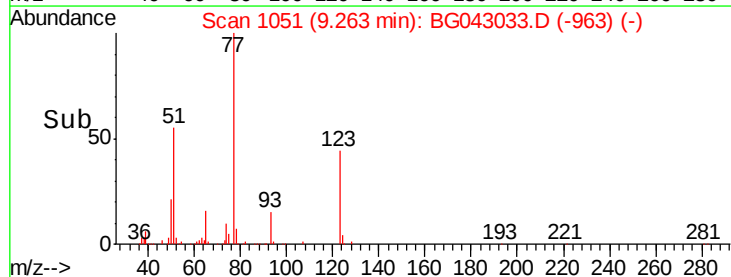
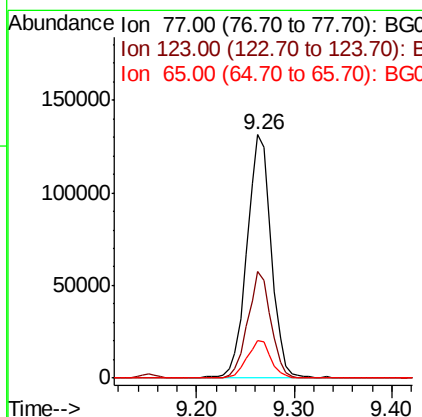
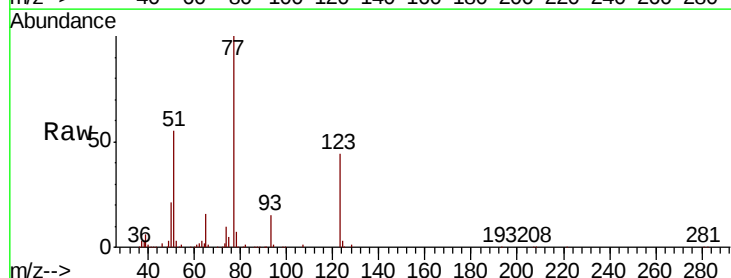
Instrument :
 BNA_G
 ClientSampleId :
 PB123604BS

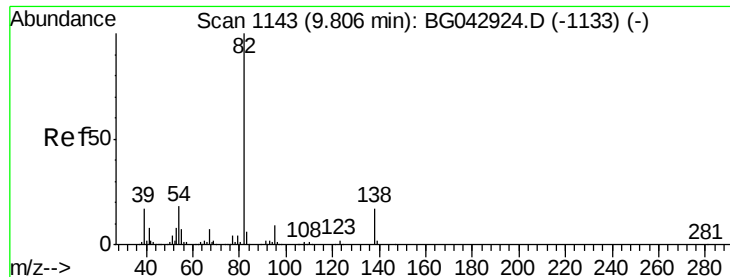
Tot Ion	82	Resp	373499
Ion Ratio	Lower	Upper	
82	100		
128	41.6	29.5	44.3
54	54.0	44.6	67.0



#24
 Nitrobenzene
 Concen: 41.450 ng
 RT: 9.26 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: BG043033.D
 Acq: 4 Oct 2019 18:17

Tgt Ion	77	Resp	229142
Ion Ratio	Lower	Upper	
77	100		
123	43.9	31.9	47.9
65	15.6	12.4	18.6





#25

Isophorone

Concen: 41.551 ng

RT: 9.79 min Scan# 1140

Delta R.T. -0.02 min

Lab File: BG043033.D

Acq: 4 Oct 2019 18:17

Instrument :

BNA_G

ClientSampleId :

PB123604BS

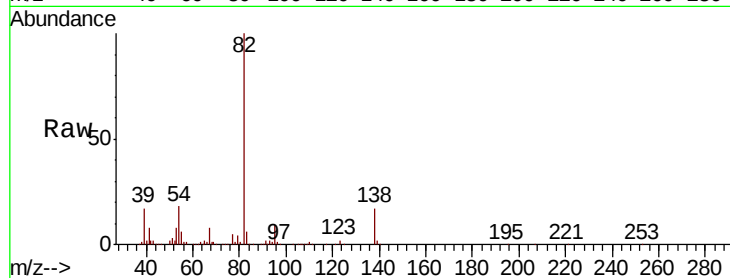
Tot Ion: 82 Resp: 423000

Ion Ratio Lower Upper

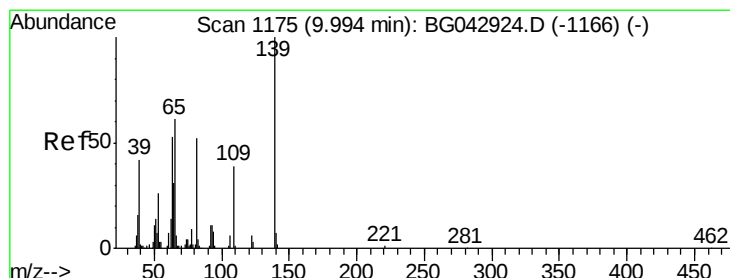
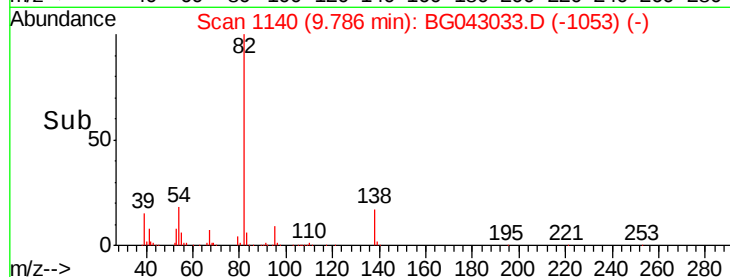
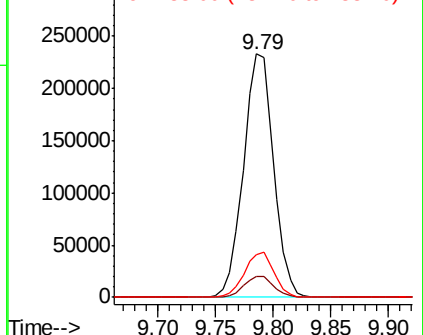
82 100

95 8.7 7.0 10.4

138 17.3 13.8 20.6



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: 47.801 ng

RT: 9.97 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BG043033.D

Acq: 4 Oct 2019 18:17

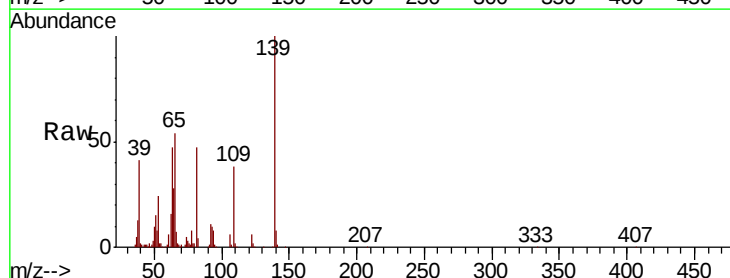
Tgt Ion: 139 Resp: 112493

Ion Ratio Lower Upper

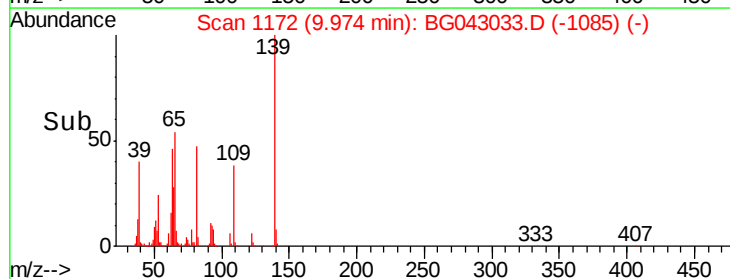
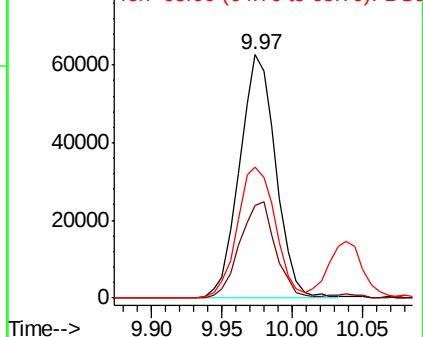
139 100

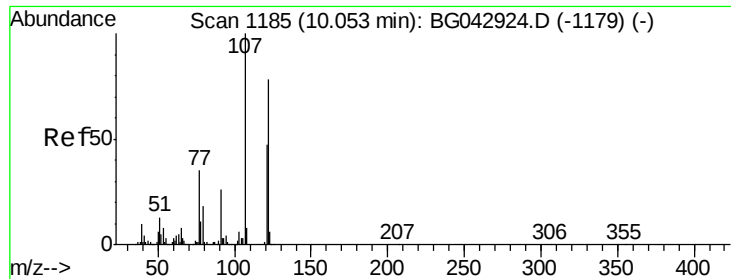
109 38.1 31.0 46.6

65 54.0 48.4 72.6



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

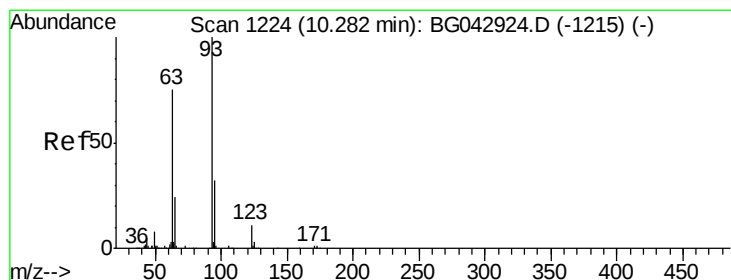
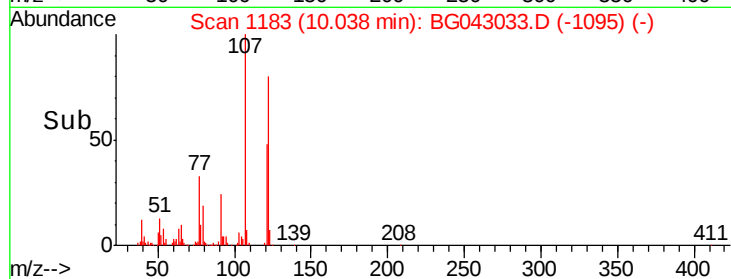
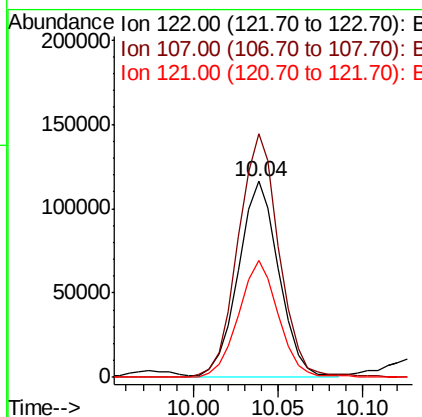
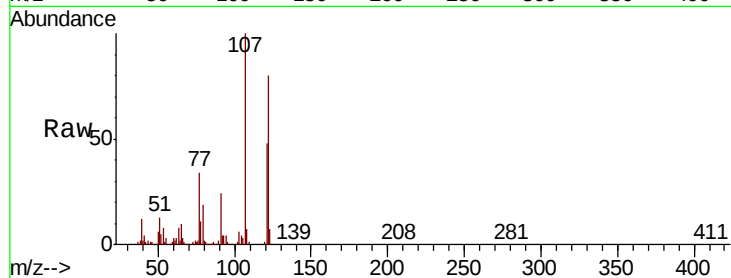




#27
2,4-Dimethylphenol
Concen: 53.866 ng
RT: 10.04 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BG043033.D
Acq: 4 Oct 2019 18:17

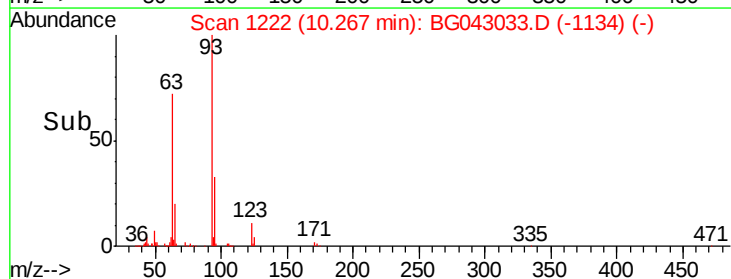
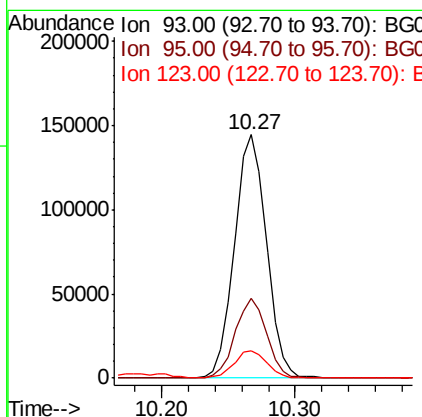
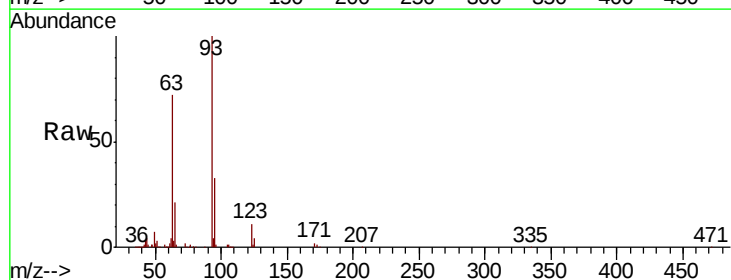
Instrument :
BNA_G
ClientSampleId :
PB123604BS

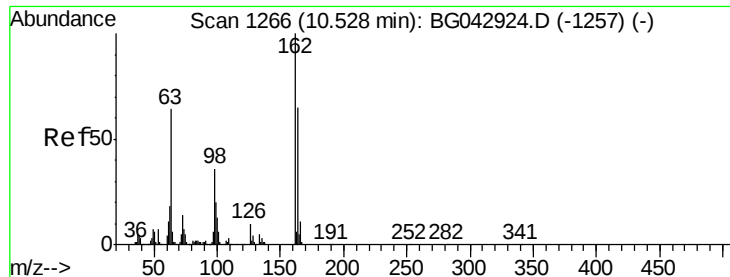
Tot Ion:122 Resp: 194677
Ion Ratio Lower Upper
122 100
107 124.3 102.2 153.2
121 59.9 48.5 72.7



#28
bis(2-Chloroethoxy)methane
Concen: 41.649 ng
RT: 10.27 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BG043033.D
Acq: 4 Oct 2019 18:17

Tgt Ion: 93 Resp: 240565
Ion Ratio Lower Upper
93 100
95 32.6 25.4 38.0
123 11.3 9.3 13.9

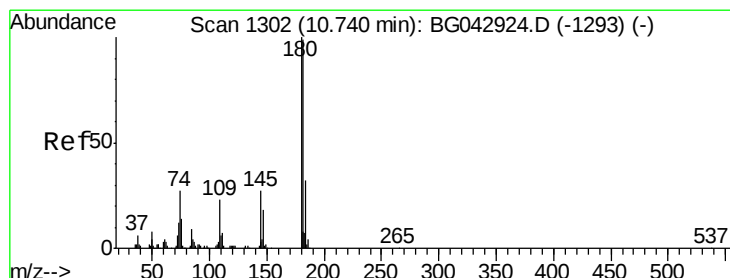
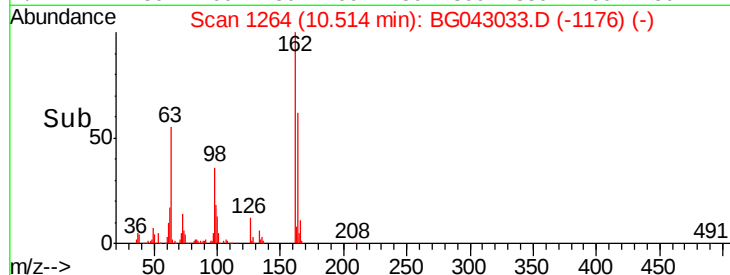
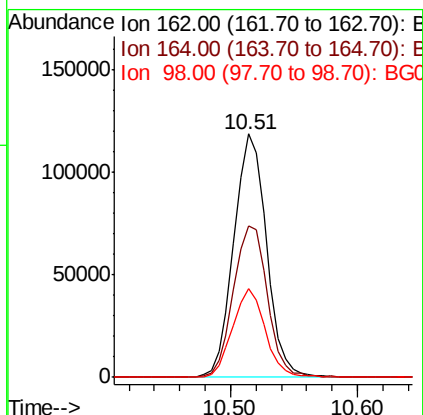
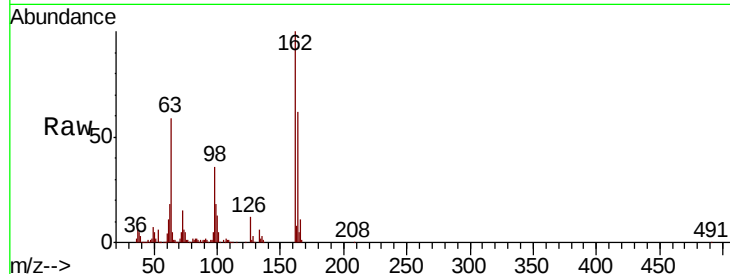




#29
 2,4-Dichlorophenol
 Concen: 47.282 ng
 RT: 10.51 min Scan# 1264
 Delta R.T. -0.01 min
 Lab File: BG043033.D
 Acq: 4 Oct 2019 18:17

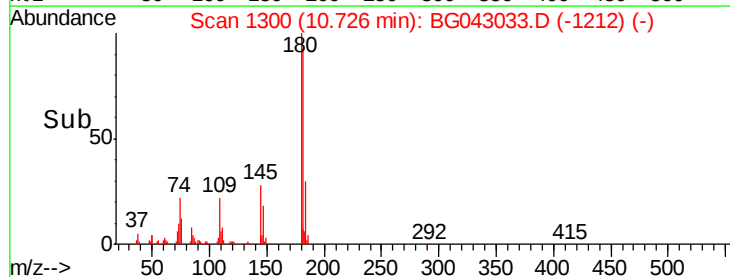
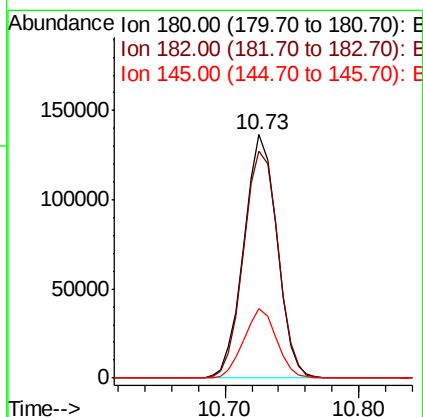
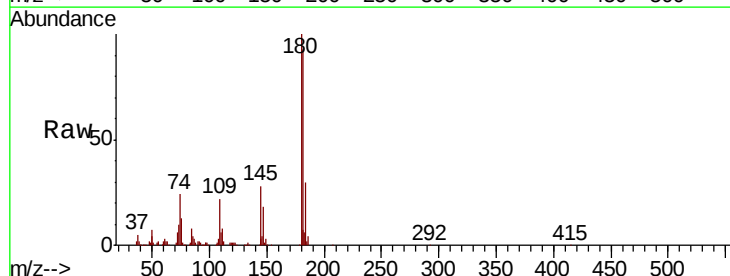
Instrument :
 BNA_G
 ClientSampleId :
 PB123604BS

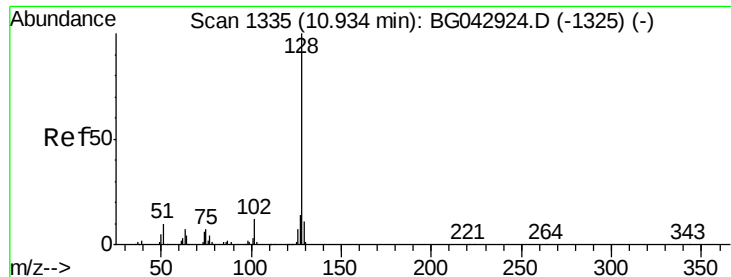
Tot Ion:162 Resp: 212524
 Ion Ratio Lower Upper
 162 100
 164 62.0 44.7 84.7
 98 36.4 16.0 56.0



#30
 1,2,4-Trichlorobenzene
 Concen: 40.425 ng
 RT: 10.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BG043033.D
 Acq: 4 Oct 2019 18:17

Tgt Ion:180 Resp: 234646
 Ion Ratio Lower Upper
 180 100
 182 93.0 79.3 118.9
 145 28.4 22.0 33.0

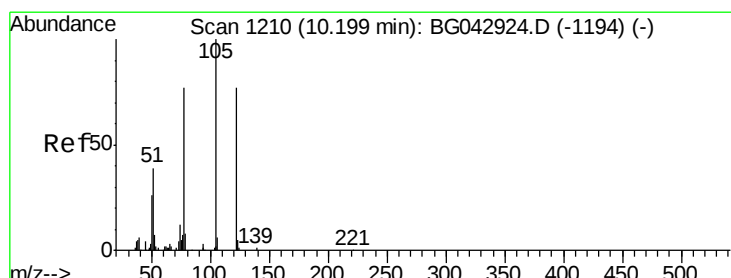
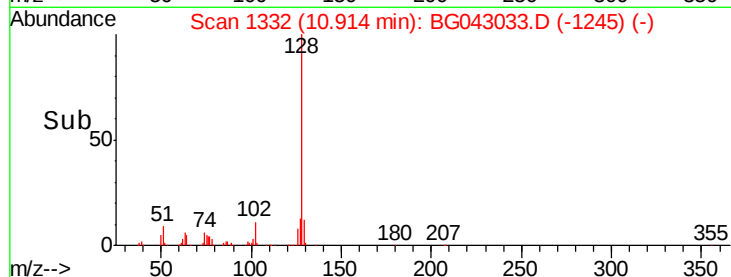
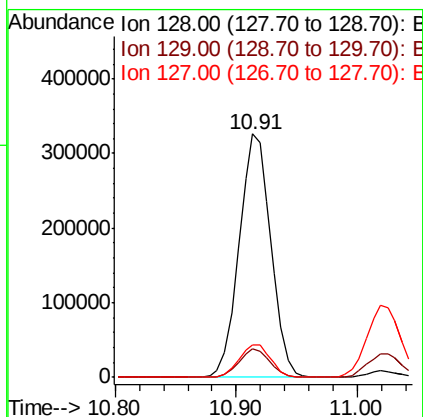
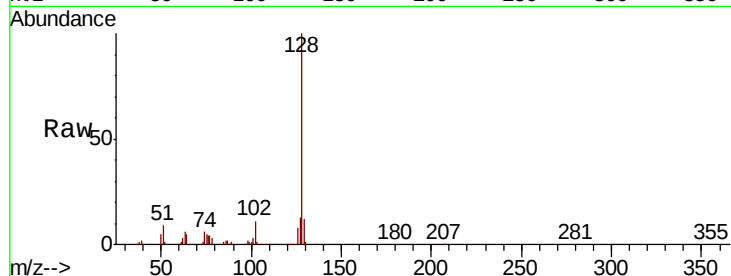




#31
Naphthalene
Concen: 42.882 ng
RT: 10.91 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BG043033.D
Acq: 4 Oct 2019 18:17

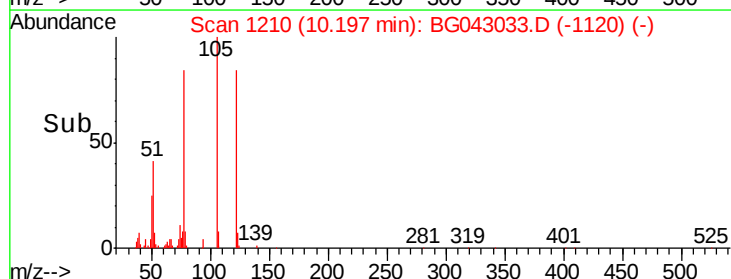
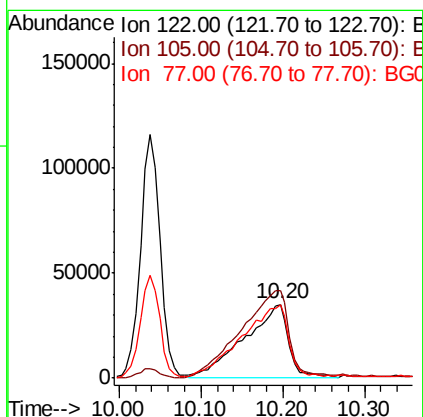
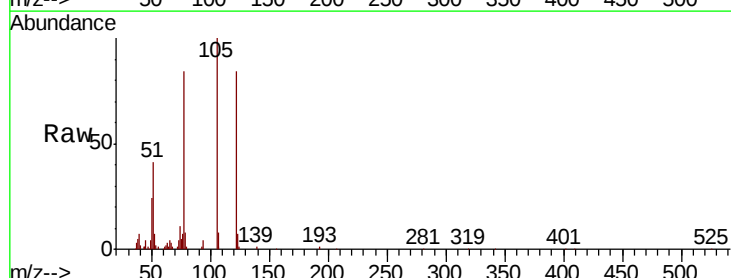
Instrument :
BNA_G
ClientSampleId :
PB123604BS

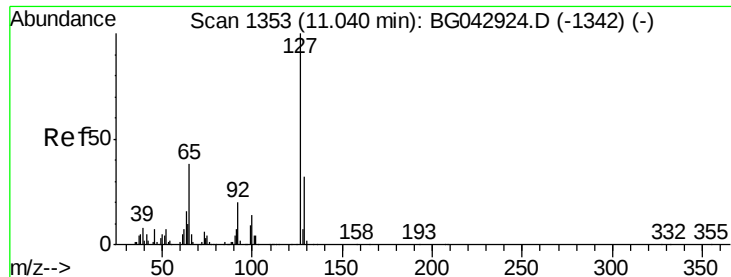
Tot Ion:128 Resp: 594644
Ion Ratio Lower Upper
128 100
129 11.5 8.8 13.2
127 13.2 11.3 16.9



#32
Benzoic acid
Concen: 47.729 ng
RT: 10.20 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BG043033.D
Acq: 4 Oct 2019 18:17

Tgt Ion:122 Resp: 134124
Ion Ratio Lower Upper
122 100
105 118.8 107.5 147.5
77 99.9 79.8 119.8

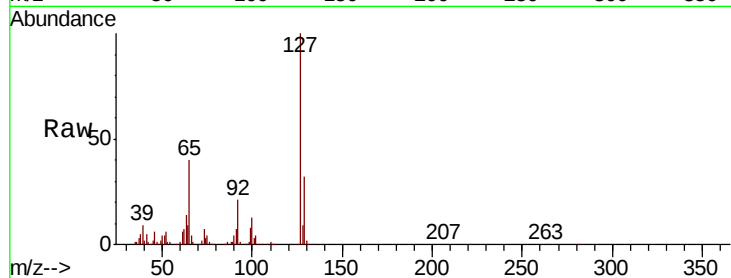




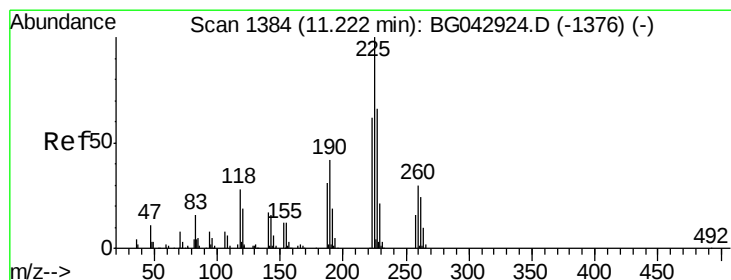
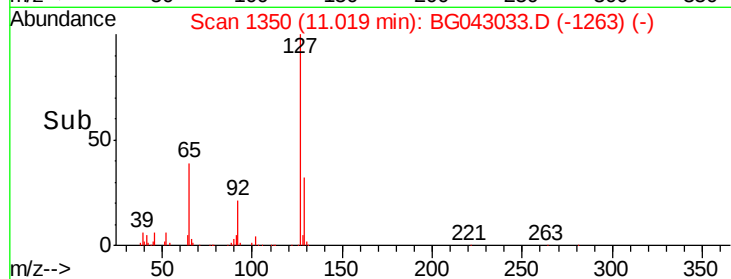
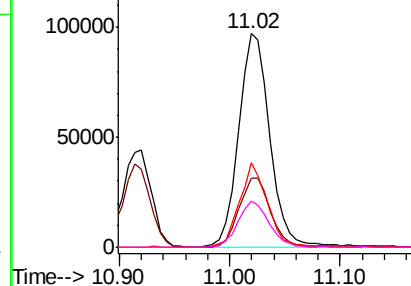
#33
4-Chloroaniline
Concen: 32.019 ng
RT: 11.02 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BG043033.D
Acq: 4 Oct 2019 18:17

Instrument :
BNA_G
ClientSampled :
PB123604BS

Tot Ion:	127	Resp:	192666
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.2	39.2
65	39.8	30.6	45.8
92	21.5	16.2	24.4

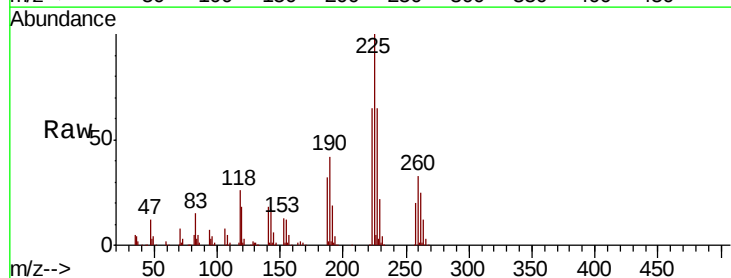


Abundance Ion 127.00 (126.70 to 127.70): E
150000
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

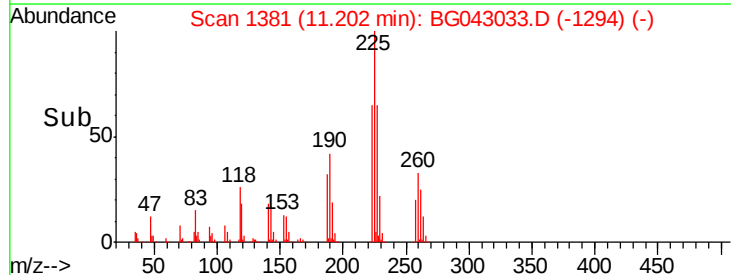
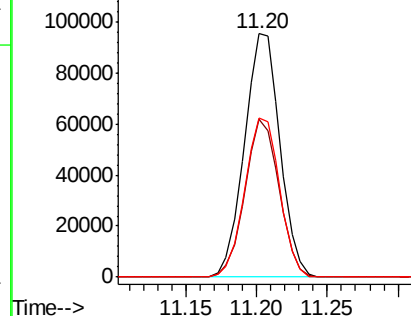


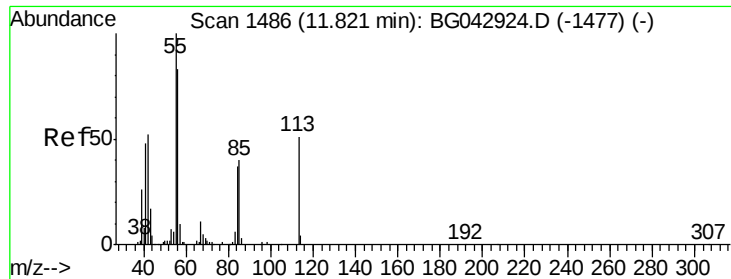
#34
Hexachlorobutadiene
Concen: 38.788 ng
RT: 11.20 min Scan# 1381
Delta R.T. -0.02 min
Lab File: BG043033.D
Acq: 4 Oct 2019 18:17

Tgt Ion:	225	Resp:	168576
Ion	Ratio	Lower	Upper
225	100		
223	64.8	49.3	73.9
227	65.5	52.8	79.2



Abundance Ion 225.00 (224.70 to 225.70): E
120000
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 21.604 ng

RT: 11.80 min Scan# 1483

Delta R.T. -0.02 min

Lab File: BG043033.D

Acq: 4 Oct 2019 18:17

Instrument :

BNA_G

ClientSampleId :

PB123604BS

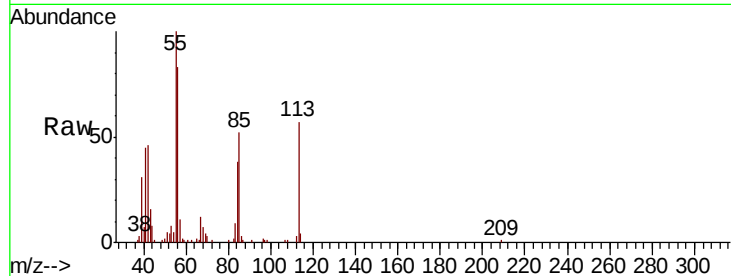
Tot Ion:113 Resp: 34245

Ion Ratio Lower Upper

113 100

55 176.4 175.5 215.5

56 146.6 142.3 182.3

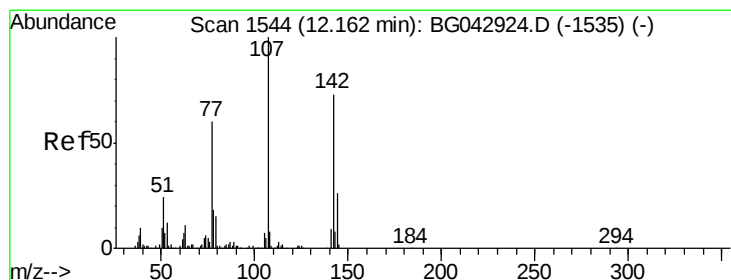
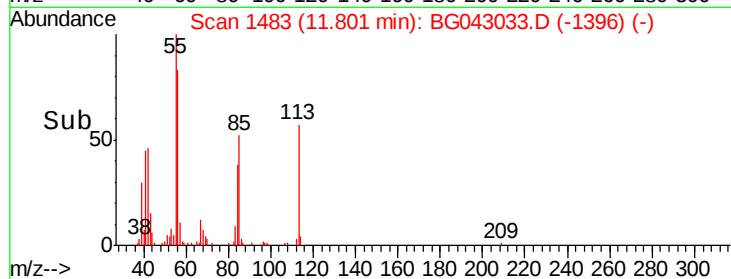
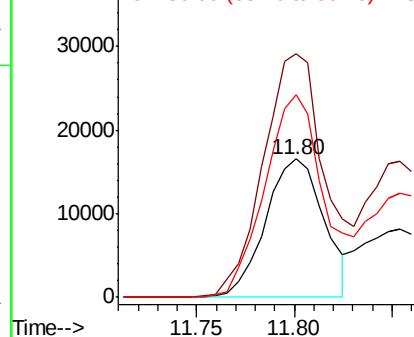


Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 46.317 ng

RT: 12.15 min Scan# 1542

Delta R.T. -0.01 min

Lab File: BG043033.D

Acq: 4 Oct 2019 18:17

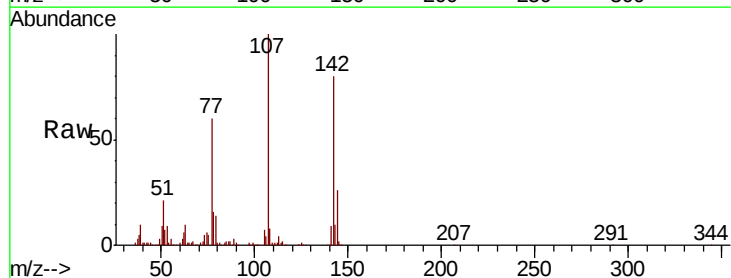
Tgt Ion:107 Resp: 226359

Ion Ratio Lower Upper

107 100

144 26.3 20.7 31.1

142 79.6 58.6 87.8

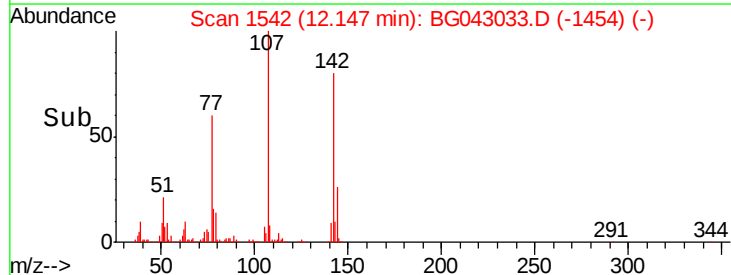
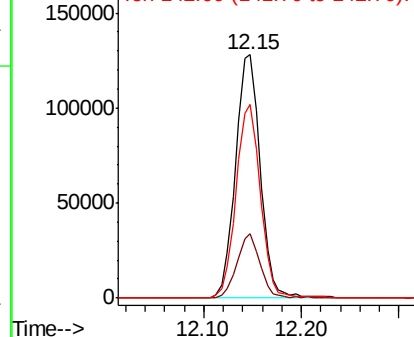


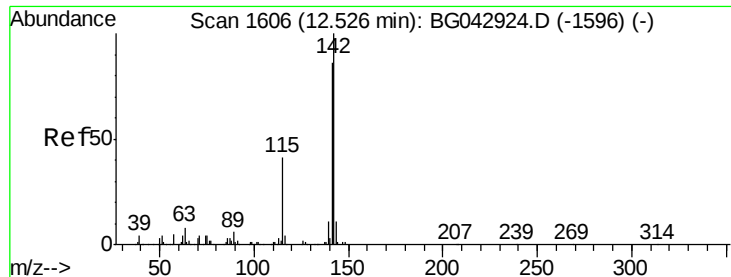
Abundance

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

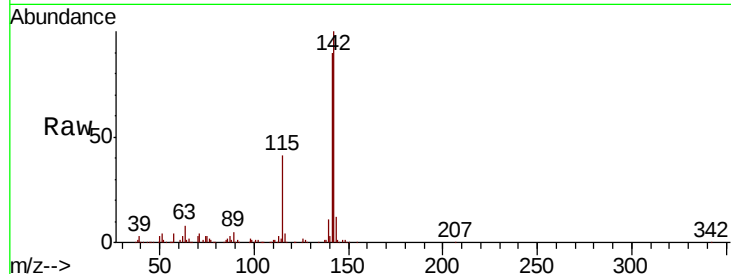




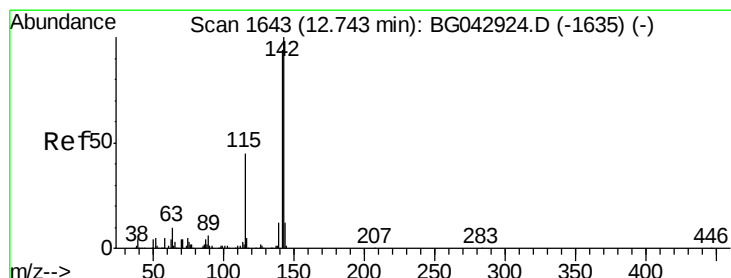
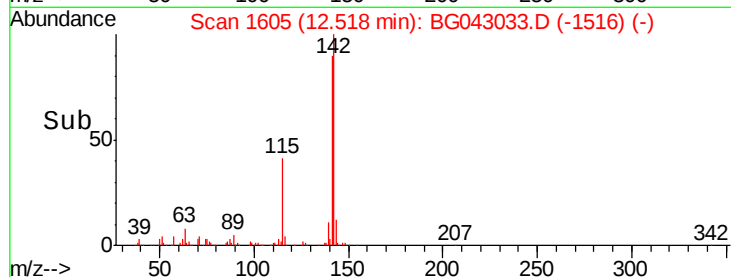
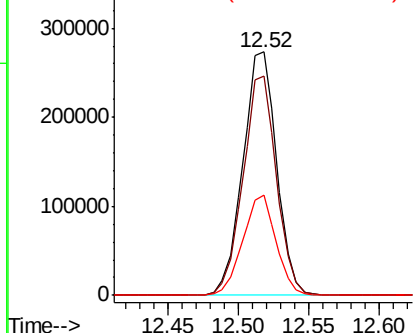
#37
2-Methylnaphthalene
Concen: 43.394 ng
RT: 12.52 min Scan# 1605
Delta R.T. -0.01 min
Lab File: BG043033.D
Acq: 4 Oct 2019 18:17

Instrument :
BNA_G
ClientSampleId :
PB123604BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	69.0	103.4
115	41.2	32.8	49.2

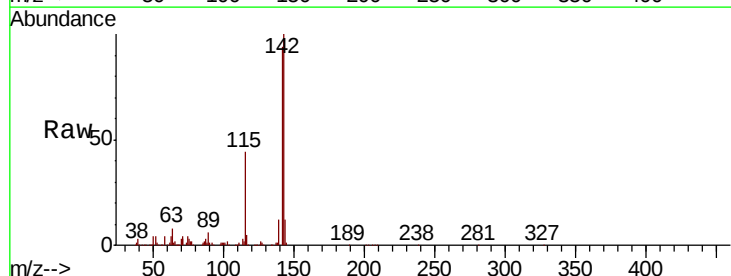


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

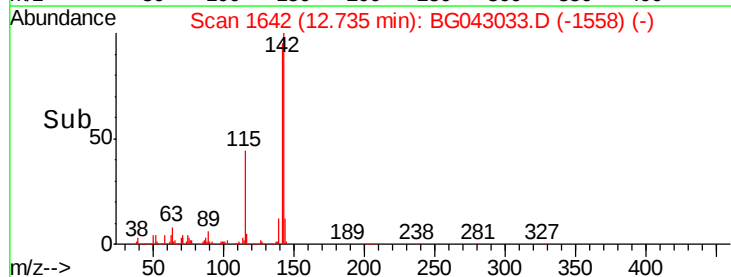
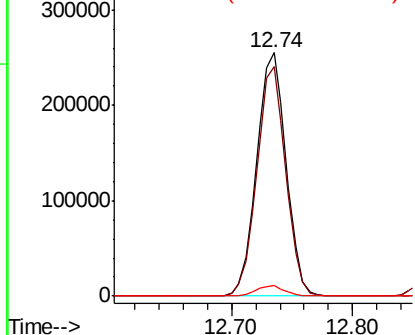


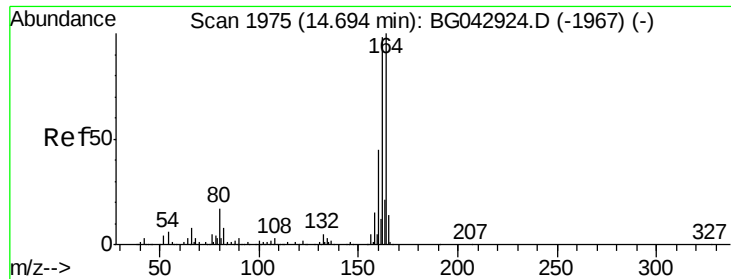
#38
1-Methylnaphthalene
Concen: 42.814 ng
RT: 12.74 min Scan# 1642
Delta R.T. -0.01 min
Lab File: BG043033.D
Acq: 4 Oct 2019 18:17

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.4	74.9	112.3
116	4.5	3.7	5.5



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BG043033.D

Acq: 4 Oct 2019 18:17

Instrument :

BNA_G

ClientSampleId :

PB123604BS

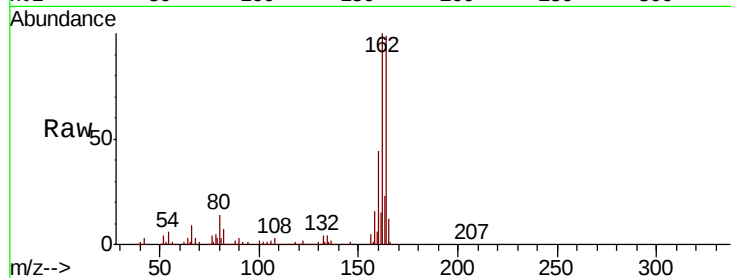
Tot Ion:164 Resp: 207648

Ion Ratio Lower Upper

164 100

162 100.8 78.5 117.7

160 44.4 35.9 53.9

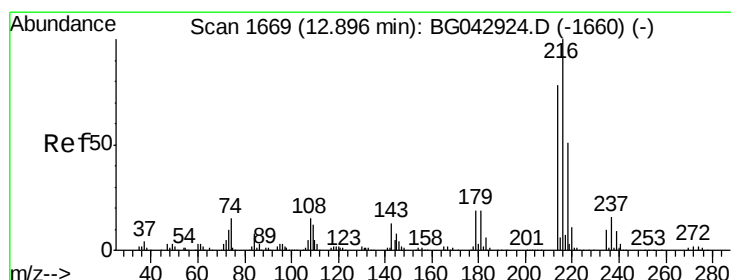
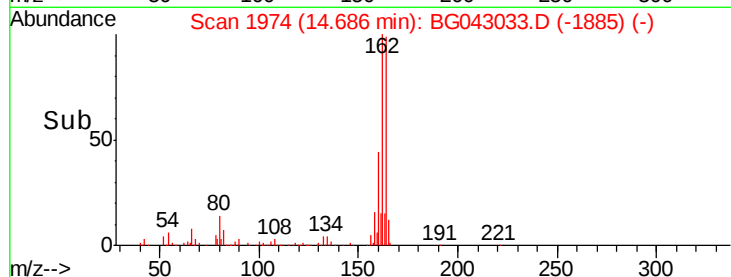
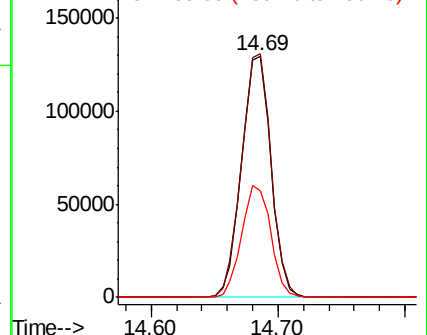


Abundance

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: 38.839 ng

RT: 12.88 min Scan# 1667

Delta R.T. -0.01 min

Lab File: BG043033.D

Acq: 4 Oct 2019 18:17

Tgt Ion:216 Resp: 303230

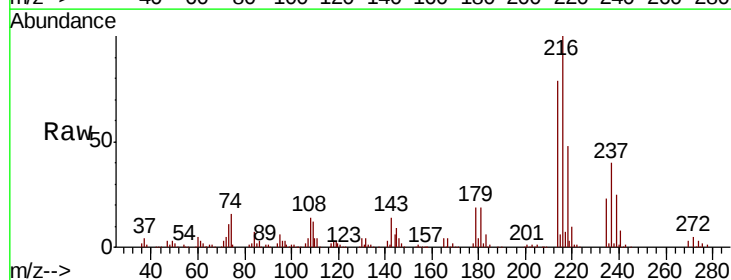
Ion Ratio Lower Upper

216 100

214 78.6 62.4 93.6

179 19.8 15.4 23.2

108 16.7 12.6 19.0



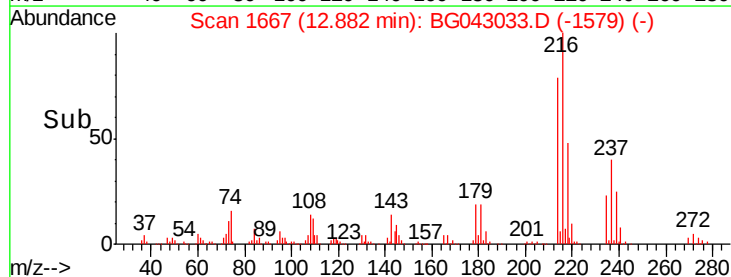
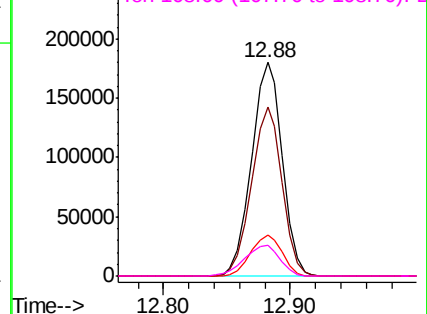
Abundance

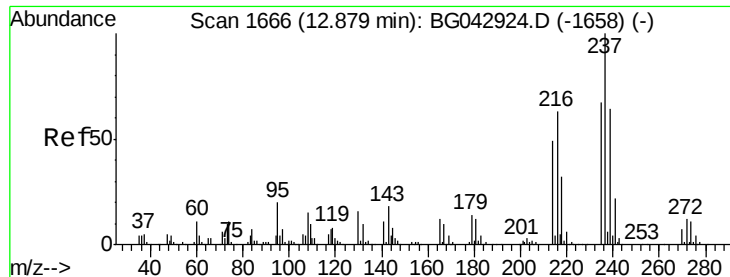
Ion 216.00 (215.70 to 216.70): E

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: 76.959 ng

RT: 12.86 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BG043033.D

Acq: 4 Oct 2019 18:17

Instrument :

BNA_G

ClientSampleId :

PB123604BS

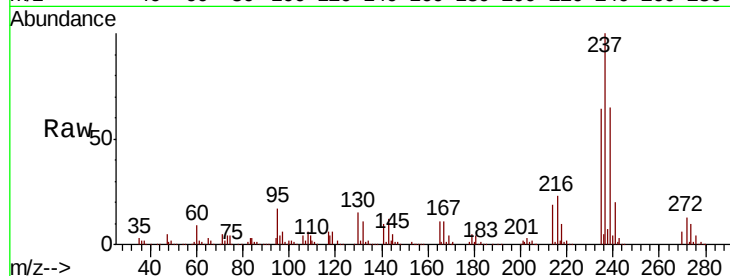
Tot Ion:237 Resp: 382833

Ion Ratio Lower Upper

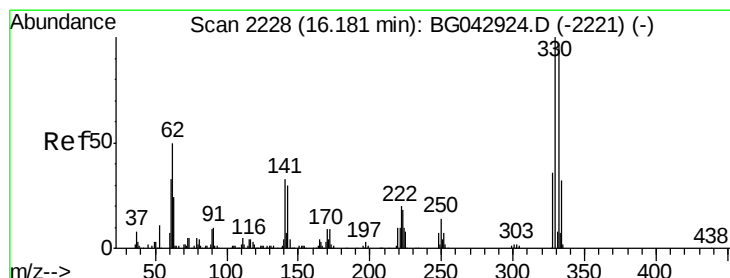
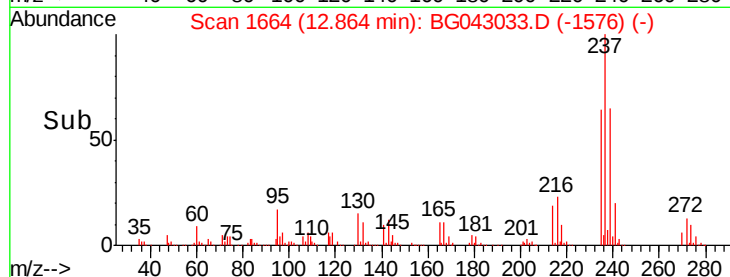
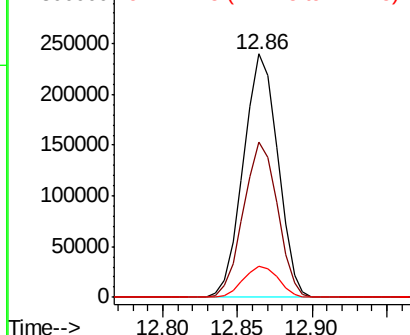
237 100

235 63.8 46.7 86.7

272 13.0 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: 111.655 ng

RT: 16.17 min Scan# 2227

Delta R.T. -0.01 min

Lab File: BG043033.D

Acq: 4 Oct 2019 18:17

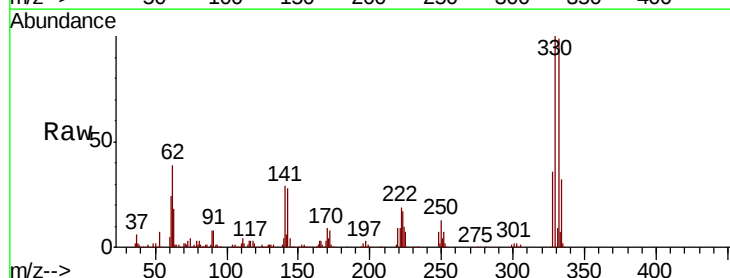
Tgt Ion:330 Resp: 398681

Ion Ratio Lower Upper

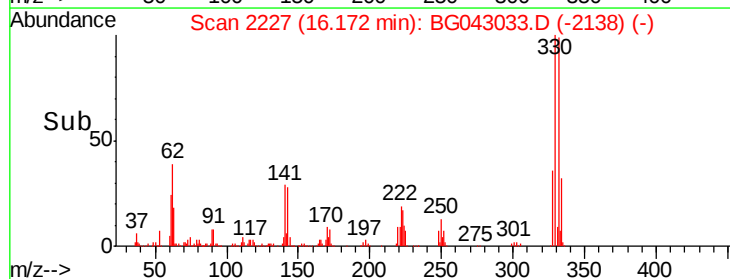
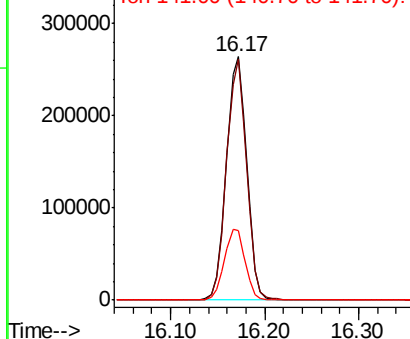
330 100

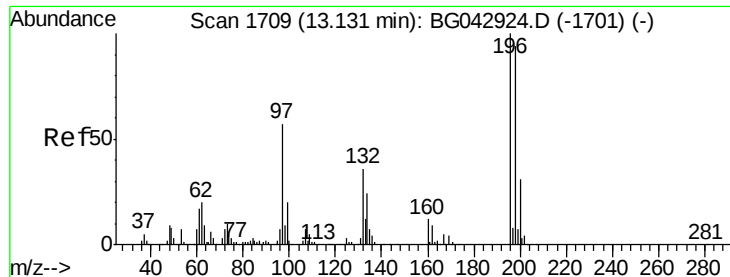
332 97.1 78.2 117.2

141 29.9 26.0 39.0



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

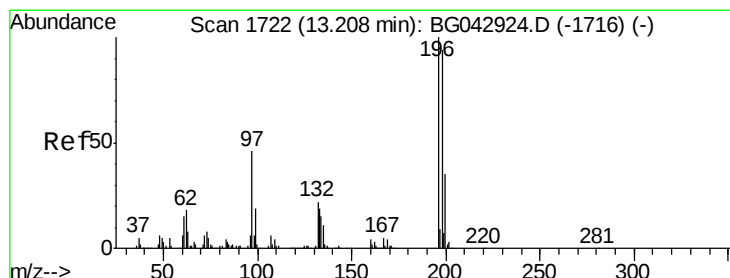
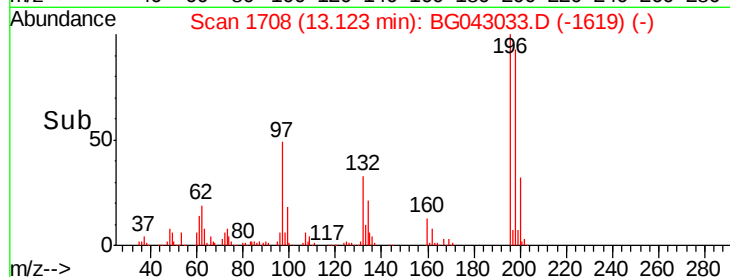
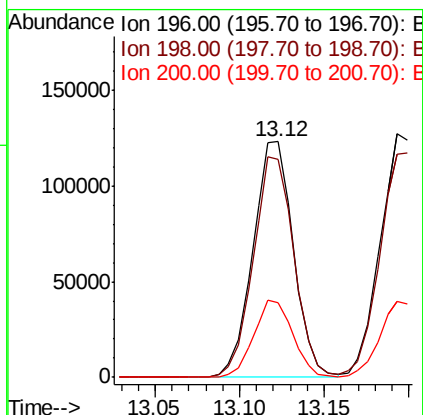
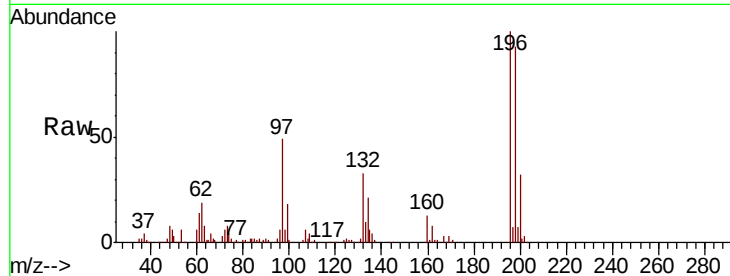




#43
 2,4,6-Trichlorophenol
 Concen: 44.703 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. -0.01 min
 Lab File: BG043033.D
 Acq: 4 Oct 2019 18:17

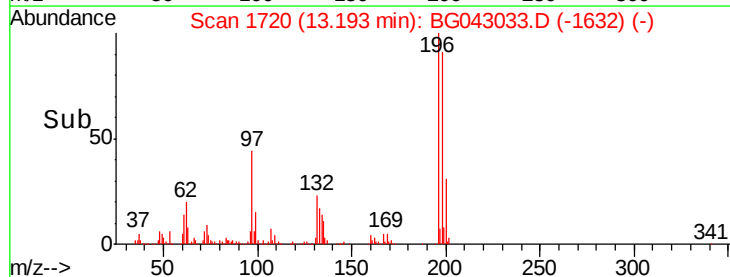
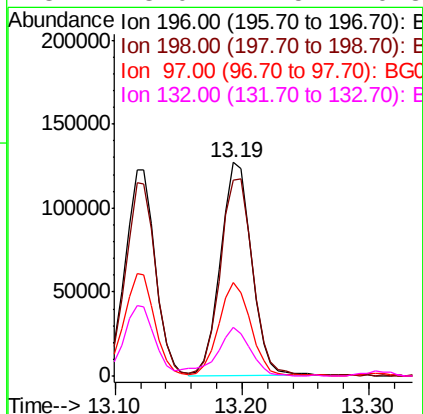
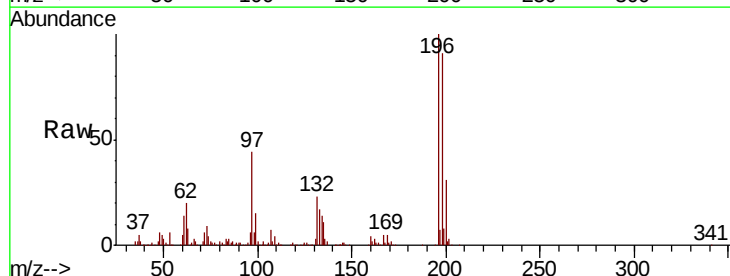
Instrument :
 BNA_G
 ClientSampleId :
 PB123604BS

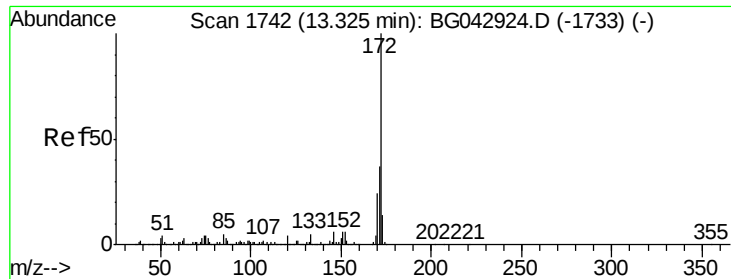
Tot Ion:196 Resp: 204278
 Ion Ratio Lower Upper
 196 100
 198 92.8 75.5 113.3
 200 31.6 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 46.056 ng
 RT: 13.19 min Scan# 1720
 Delta R.T. -0.01 min
 Lab File: BG043033.D
 Acq: 4 Oct 2019 18:17

Tgt Ion:196 Resp: 216808
 Ion Ratio Lower Upper
 196 100
 198 91.5 75.1 112.7
 97 43.6 37.0 55.4
 132 23.0 17.5 26.3

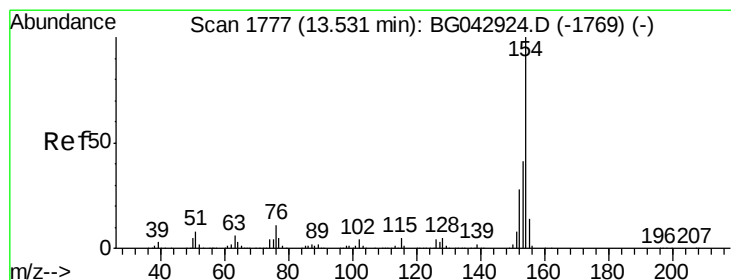
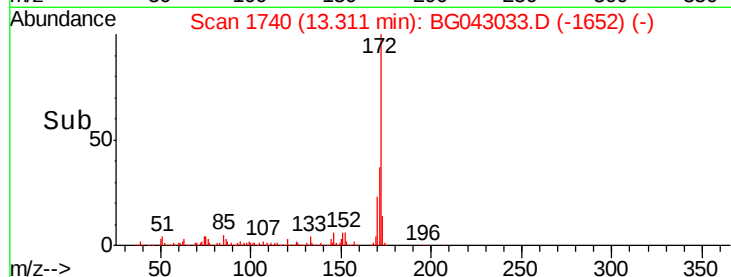
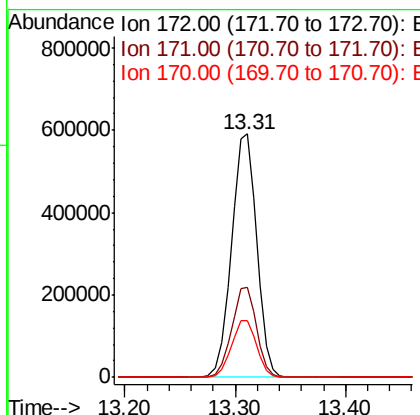
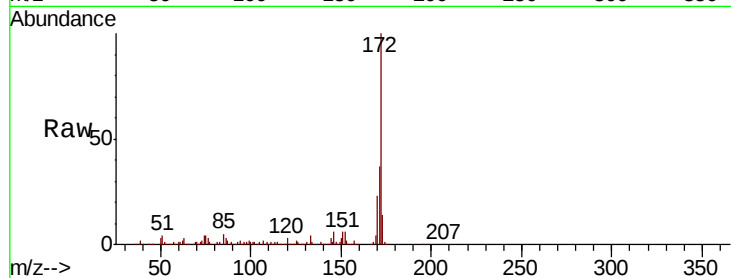




#45
2-Fluorobiphenyl
Concen: 65.824 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG043033.D
Acq: 4 Oct 2019 18:17

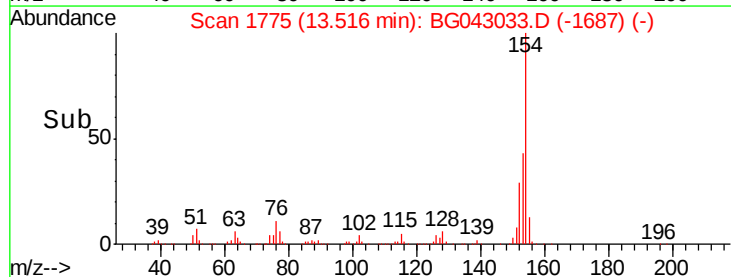
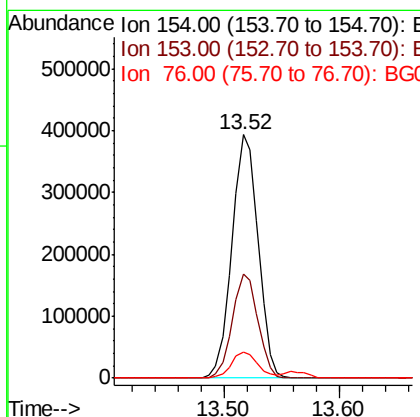
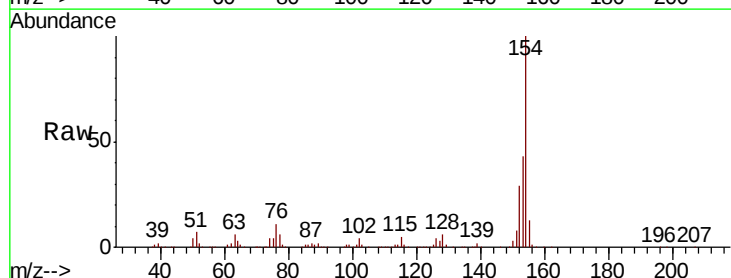
Instrument :
BNA_G
ClientSampleId :
PB123604BS

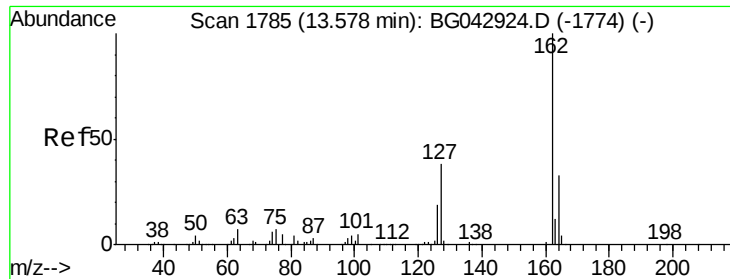
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.6	44.4
170	23.3	19.6	29.4



#46
1,1'-Biphenyl
Concen: 39.180 ng
RT: 13.52 min Scan# 1775
Delta R.T. -0.01 min
Lab File: BG043033.D
Acq: 4 Oct 2019 18:17

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.6	21.4	61.4
76	10.8	0.0	31.3

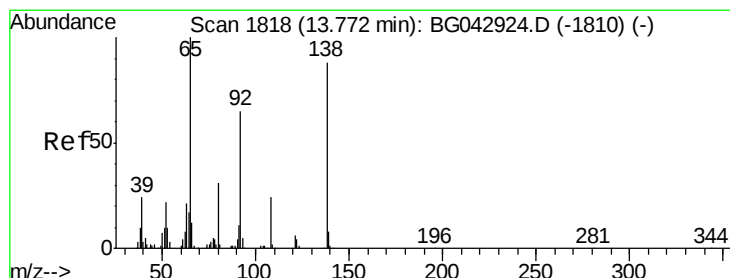
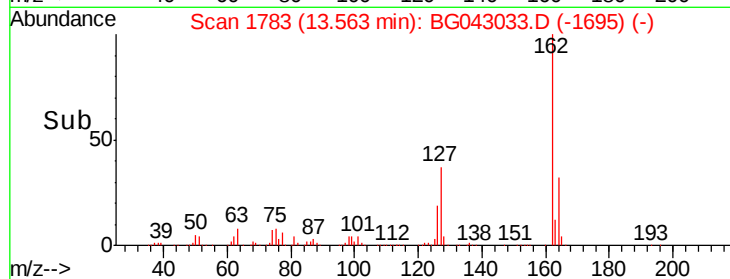
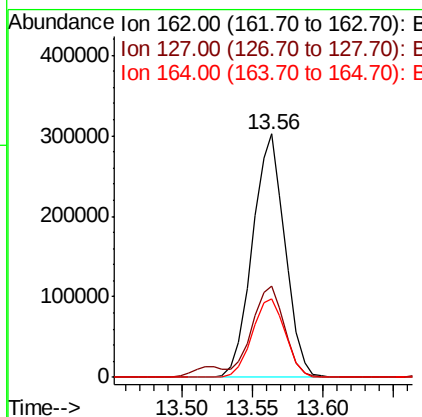
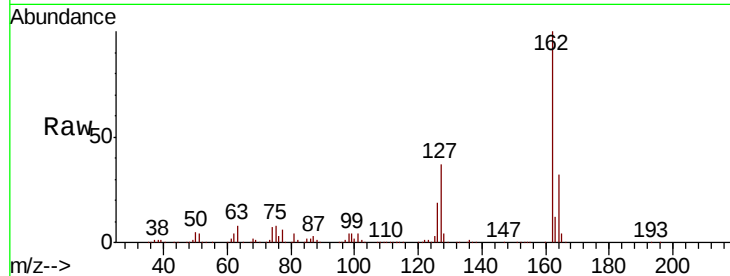




#47
2-Chloronaphthalene
Concen: 41.326 ng
RT: 13.56 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BG043033.D
Acq: 4 Oct 2019 18:17

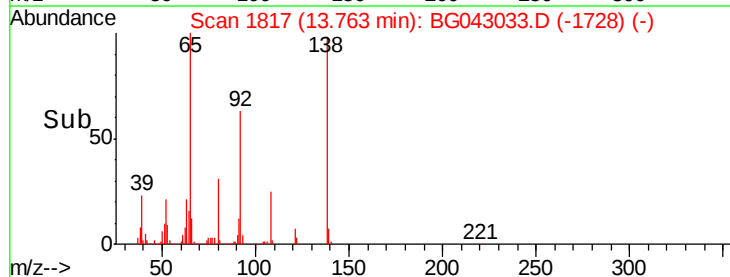
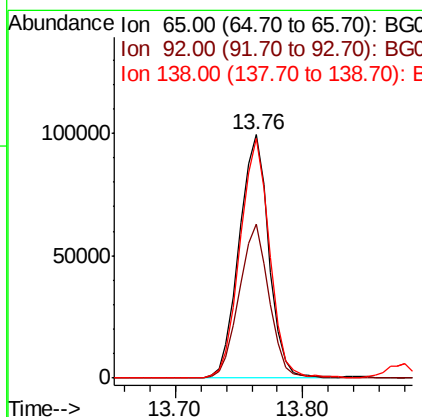
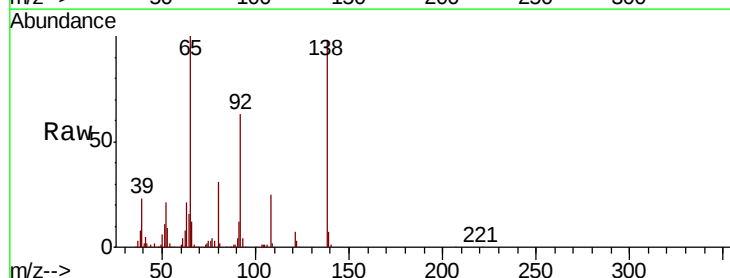
Instrument :
BNA_G
ClientSampleId :
PB123604BS

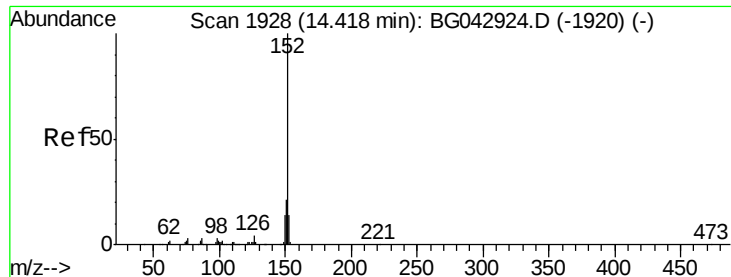
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.3	31.0	46.6
164	32.2	26.2	39.2



#48
2-Nitroaniline
Concen: 41.068 ng
RT: 13.76 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BG043033.D
Acq: 4 Oct 2019 18:17

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.3	52.0	78.0
138	98.3	70.4	105.6





#49

Acenaphthylene

Concen: 42.985 ng

RT: 14.40 min Scan# 1926

Delta R.T. -0.01 min

Lab File: BG043033.D

Acq: 4 Oct 2019 18:17

Instrument :

BNA_G

ClientSampleId :

PB123604BS

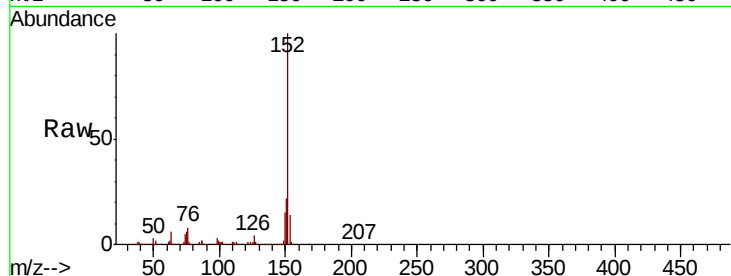
Tot Ion:152 Resp: 776533

Ion Ratio Lower Upper

152 100

151 21.6 16.8 25.2

153 14.0 11.3 16.9

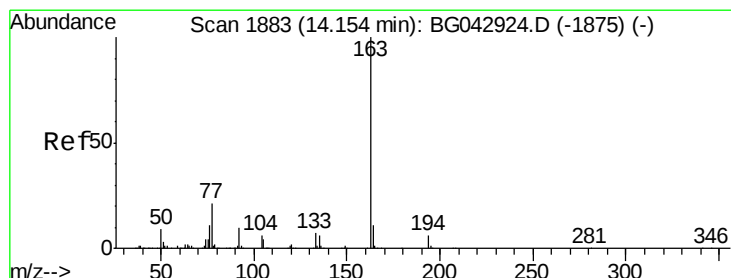
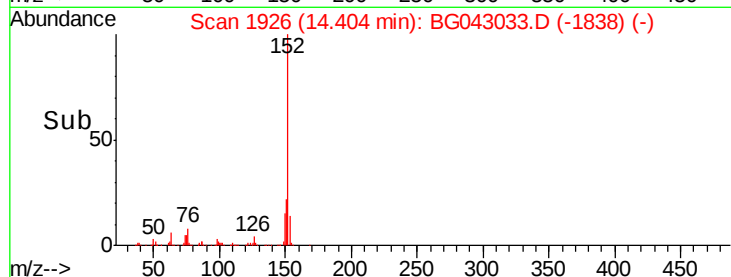
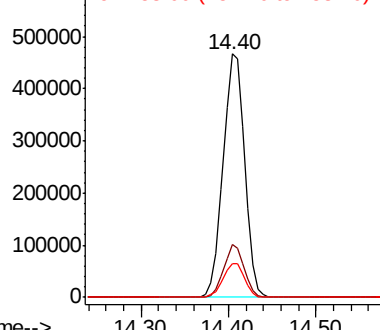


Abundance

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: 41.315 ng

RT: 14.14 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BG043033.D

Acq: 4 Oct 2019 18:17

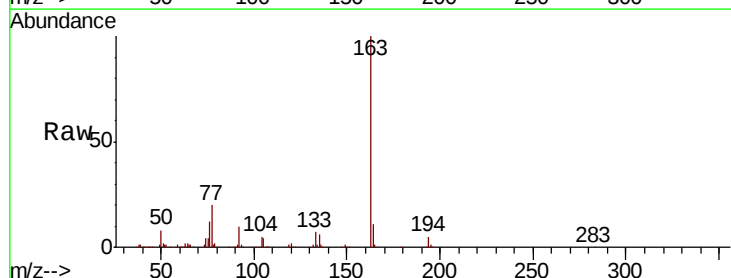
Tgt Ion:163 Resp: 642787

Ion Ratio Lower Upper

163 100

194 5.1 4.4 6.6

164 10.5 8.6 12.8

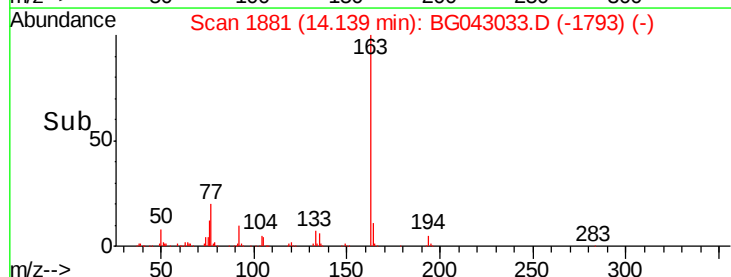
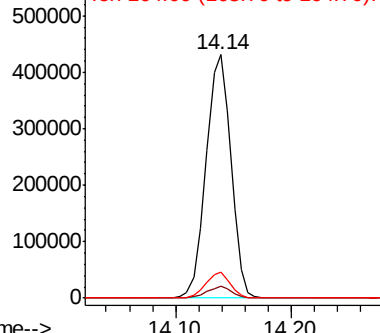


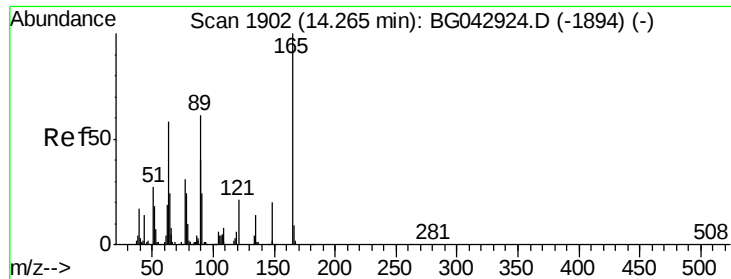
Abundance

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

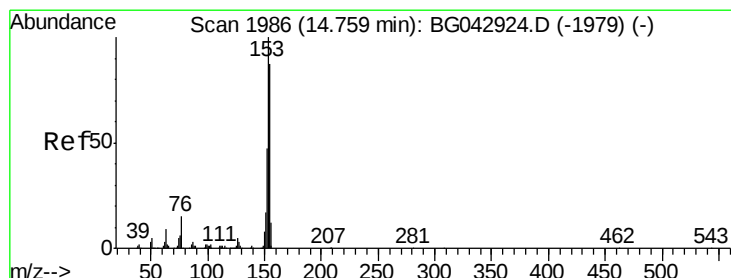
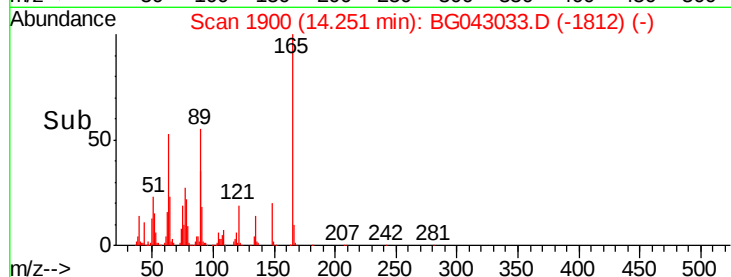
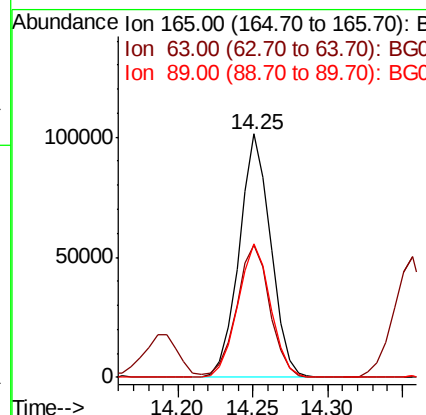
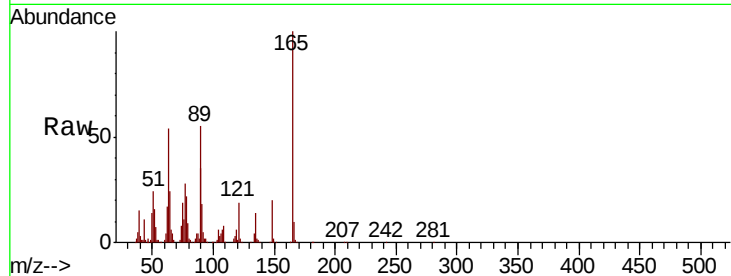




#51
 2,6-Dinitrotoluene
 Concen: 44.771 ng
 RT: 14.25 min Scan# 1900
 Delta R.T. -0.01 min
 Lab File: BG043033.D
 Acq: 4 Oct 2019 18:17

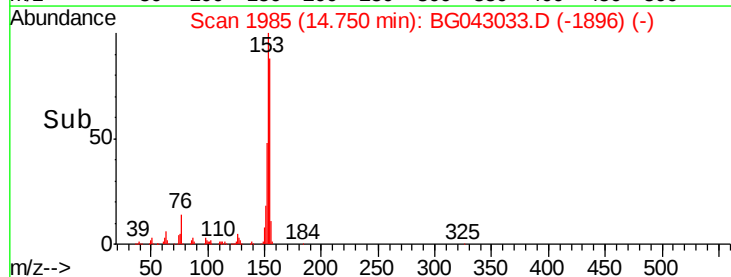
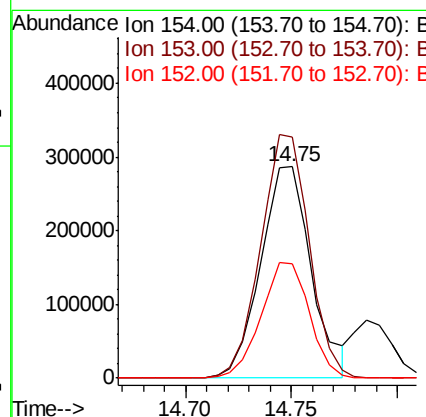
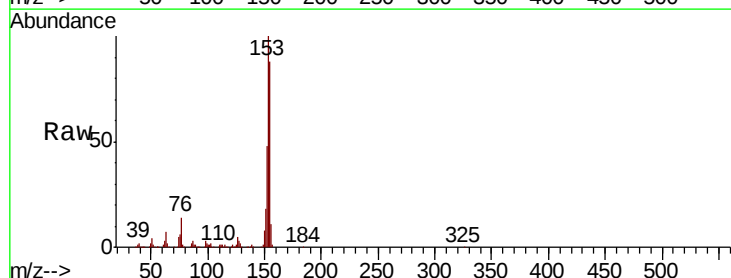
Instrument :
 BNA_G
 ClientSampleId :
 PB123604BS

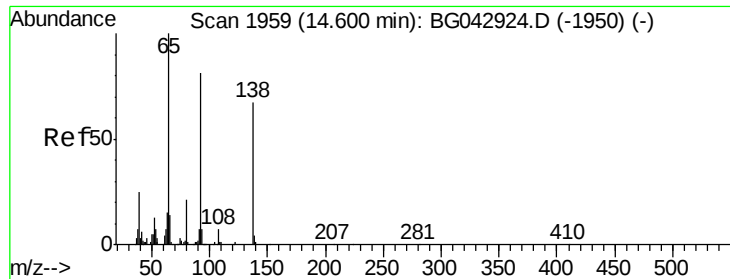
Tot Ion:165 Resp: 148339
 Ion Ratio Lower Upper
 165 100
 63 54.5 50.3 75.5
 89 55.1 48.9 73.3



#52
 Acenaphthene
 Concen: 39.659 ng
 RT: 14.75 min Scan# 1985
 Delta R.T. -0.01 min
 Lab File: BG043033.D
 Acq: 4 Oct 2019 18:17

Tgt Ion:154 Resp: 479555
 Ion Ratio Lower Upper
 154 100
 153 113.7 91.4 137.0
 152 54.3 42.8 64.2





#53

3-Nitroaniline

Concen: 34.672 ng

RT: 14.59 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BG043033.D

Acq: 4 Oct 2019 18:17

Instrument :

BNA_G

ClientSampleId :

PB123604BS

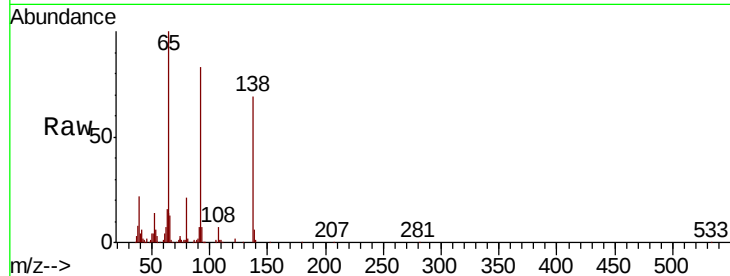
Tot Ion:138 Resp: 118719

Ion Ratio Lower Upper

138 100

108 10.8 7.9 11.9

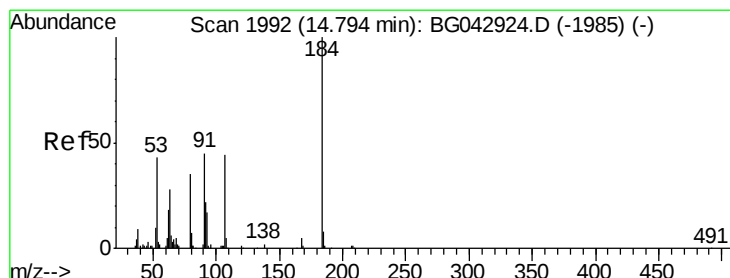
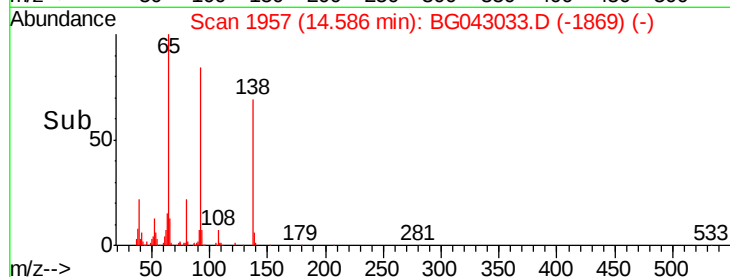
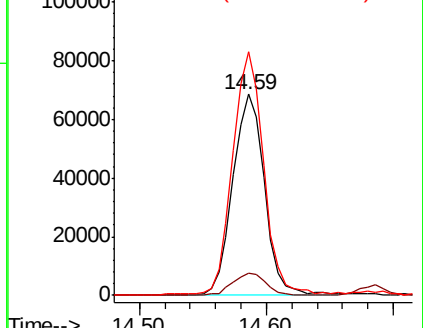
92 120.9 97.0 145.6



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: 89.950 ng

RT: 14.79 min Scan# 1991

Delta R.T. -0.01 min

Lab File: BG043033.D

Acq: 4 Oct 2019 18:17

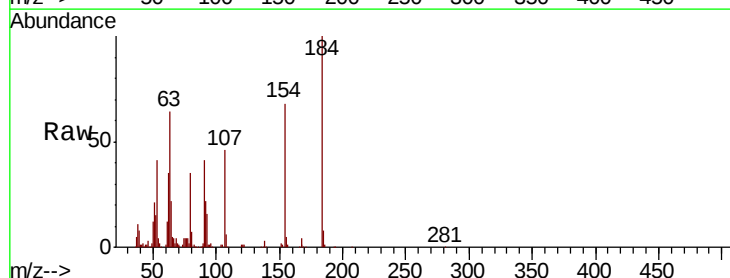
Tgt Ion:184 Resp: 185249

Ion Ratio Lower Upper

184 100

63 64.2 55.0 82.6

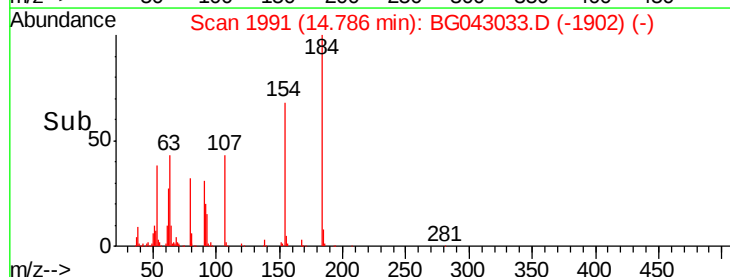
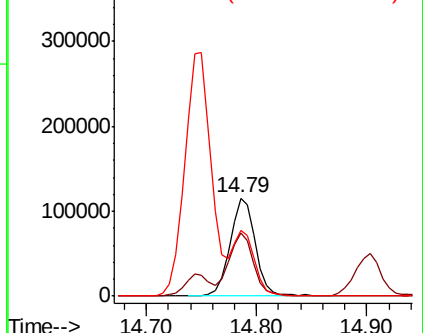
154 67.6 56.5 84.7

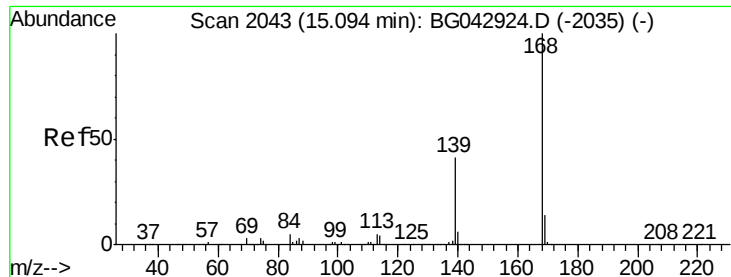


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

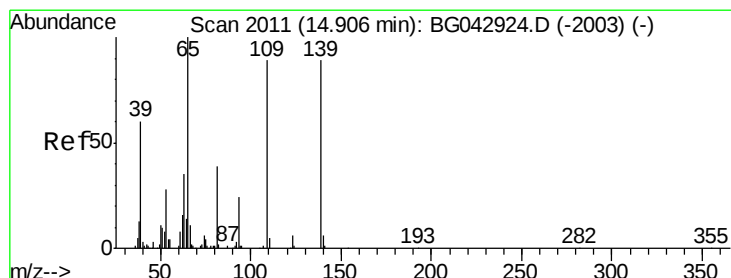
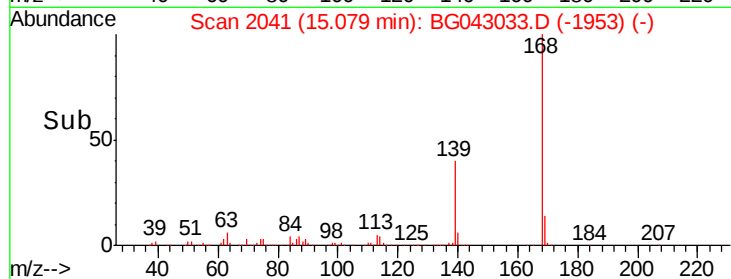
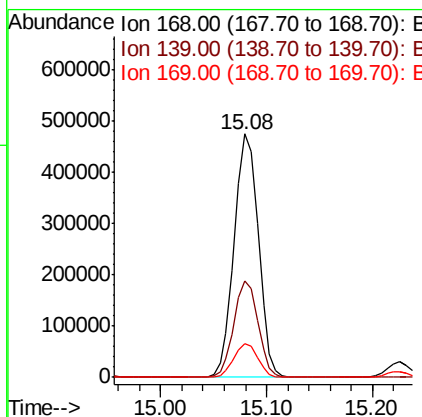
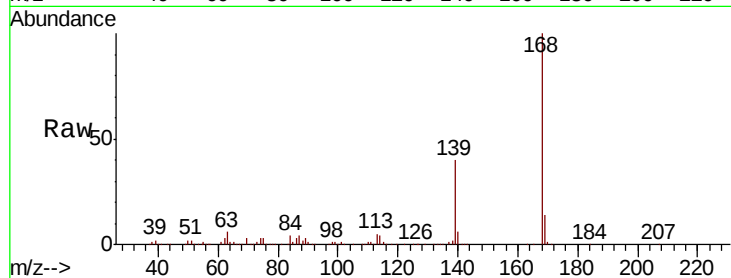




#55
Dibenzofuran
Concen: 41.913 ng
RT: 15.08 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BG043033.D
Acq: 4 Oct 2019 18:17

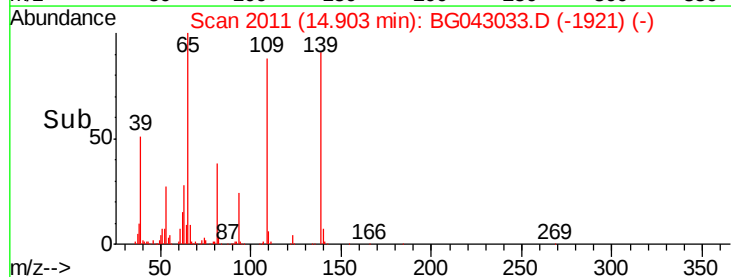
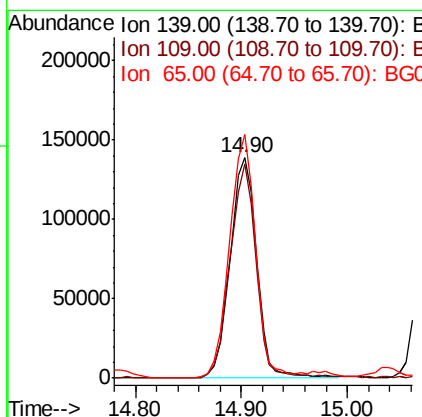
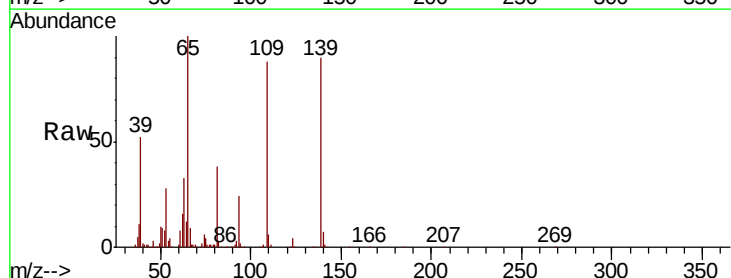
Instrument :
BNA_G
ClientSampleId :
PB123604BS

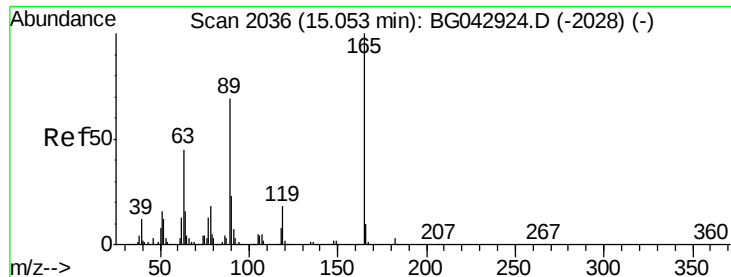
Tot Ion:168 Resp: 749711
Ion Ratio Lower Upper
168 100
139 39.8 32.6 48.8
169 13.6 11.2 16.8



#56
4-Nitrophenol
Concen: 92.384 ng
RT: 14.90 min Scan# 2011
Delta R.T. -0.00 min
Lab File: BG043033.D
Acq: 4 Oct 2019 18:17

Tgt Ion:139 Resp: 241022
Ion Ratio Lower Upper
139 100
109 97.4 79.4 119.4
65 110.6 92.5 132.5





#57

2,4-Dinitrotoluene

Concen: 43.166 ng

RT: 15.04 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BG043033.D

Acq: 4 Oct 2019 18:17

Instrument :

BNA_G

ClientSampleId :

PB123604BS

Tot Ion:165 Resp: 209439

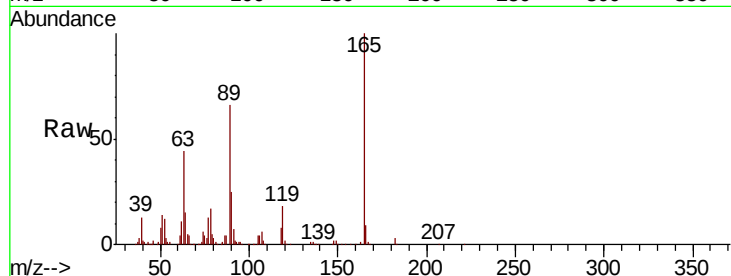
Ion Ratio Lower Upper

165 100

63 44.2 36.5 54.7

89 66.1 55.5 83.3

182 2.8 2.4 3.6

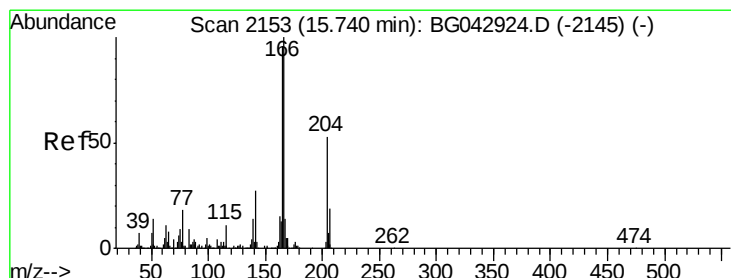
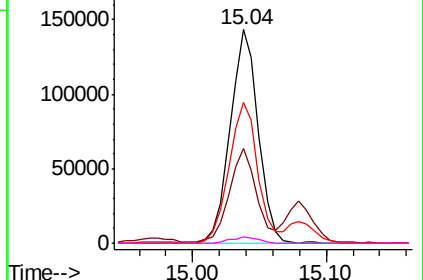
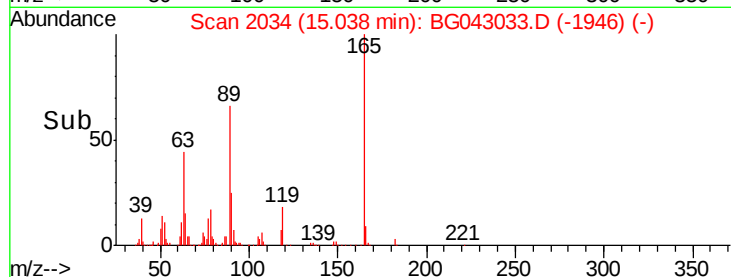


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 41.693 ng

RT: 15.73 min Scan# 2151

Delta R.T. -0.01 min

Lab File: BG043033.D

Acq: 4 Oct 2019 18:17

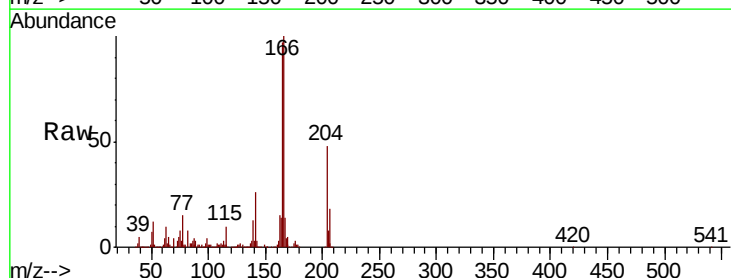
Tgt Ion:166 Resp: 636709

Ion Ratio Lower Upper

166 100

165 97.0 77.1 115.7

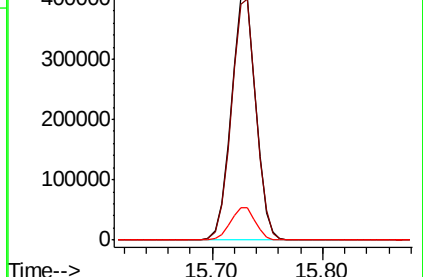
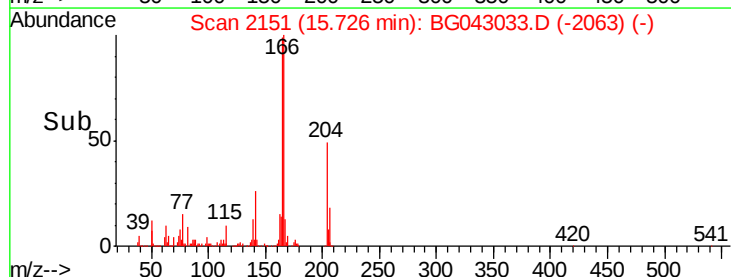
167 13.6 11.0 16.6

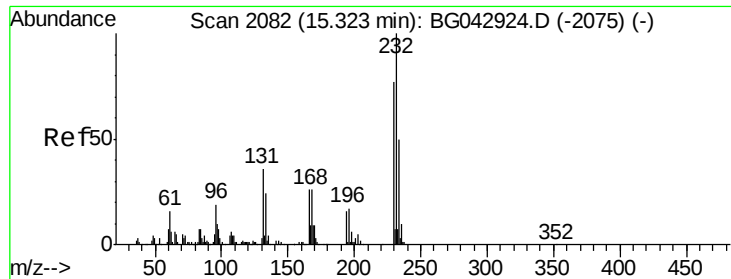


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

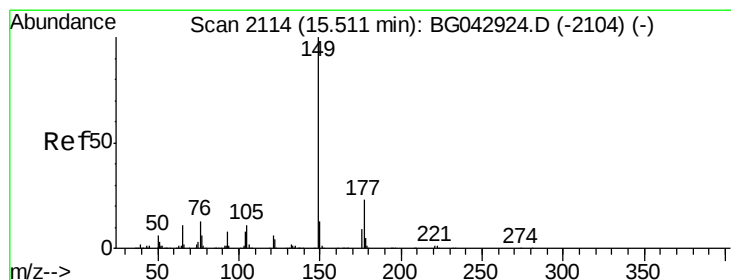
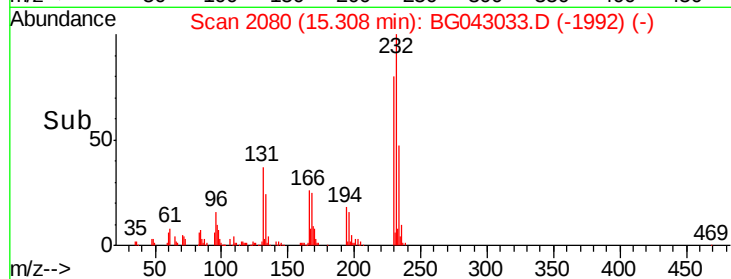
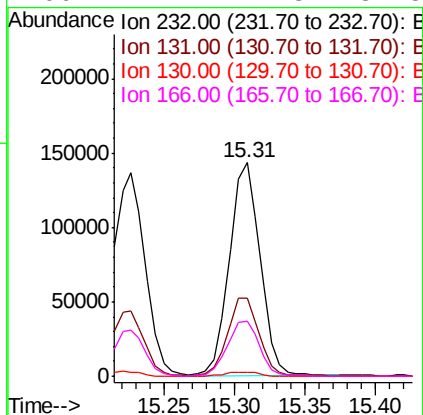
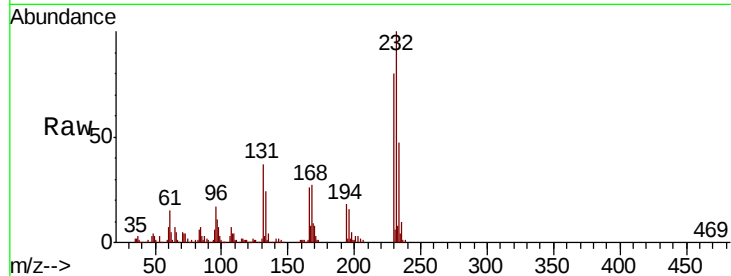




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.184 ng
 RT: 15.31 min Scan# 2080
 Delta R.T. -0.01 min
 Lab File: BG043033.D
 Acq: 4 Oct 2019 18:17

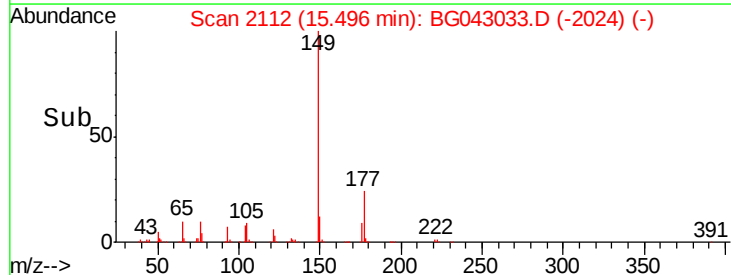
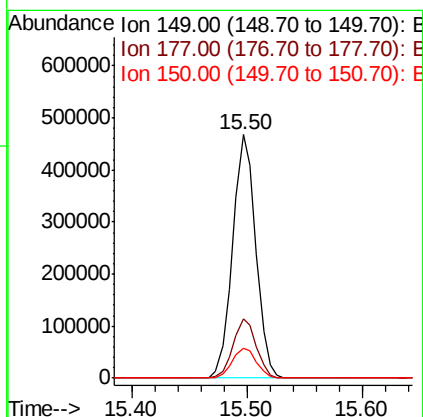
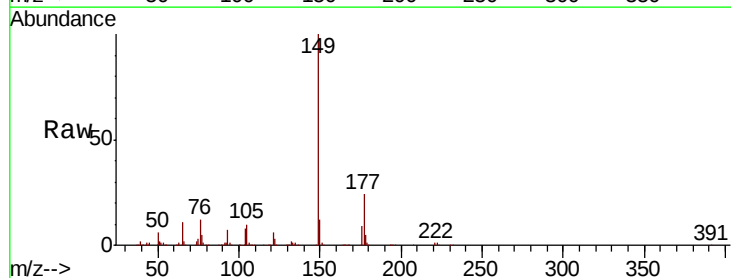
Instrument :
 BNA_G
 ClientSampleId :
 PB123604BS

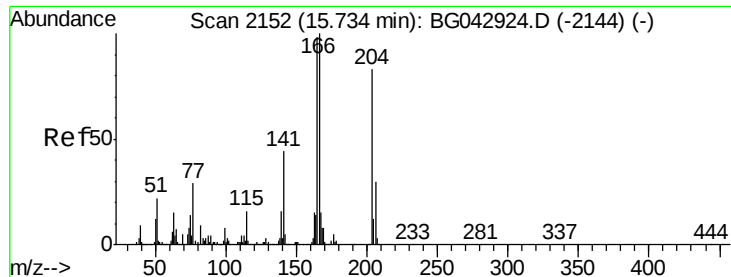
Tot Ion:232	Resp:	216449
Ion Ratio	Lower	Upper
232	100	
131	38.2	29.6 44.4
130	2.2	1.9 2.9
166	27.4	21.8 32.8



#60
 Diethylphthalate
 Concen: 40.868 ng
 RT: 15.50 min Scan# 2112
 Delta R.T. -0.01 min
 Lab File: BG043033.D
 Acq: 4 Oct 2019 18:17

Tgt Ion:149	Resp:	647098
Ion Ratio	Lower	Upper
149	100	
177	24.2	18.8 28.2
150	12.3	10.6 15.8

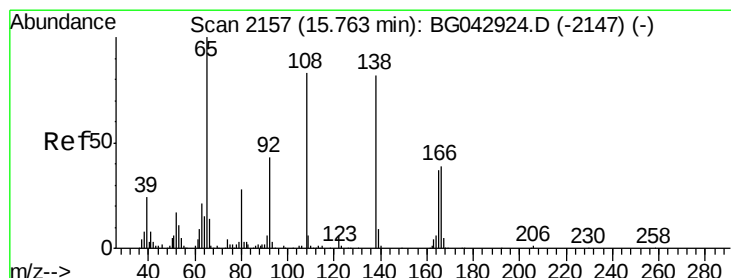
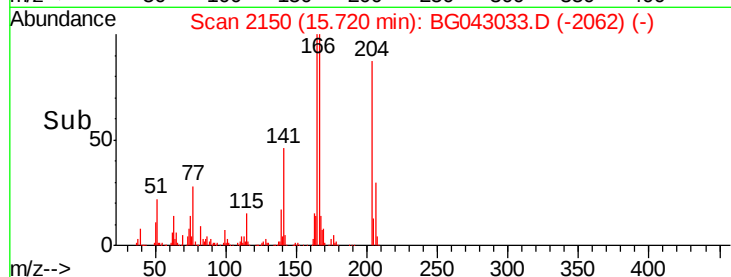
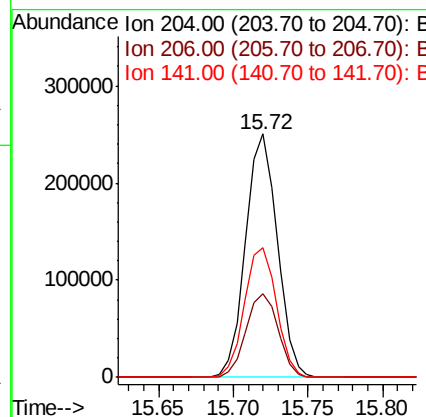
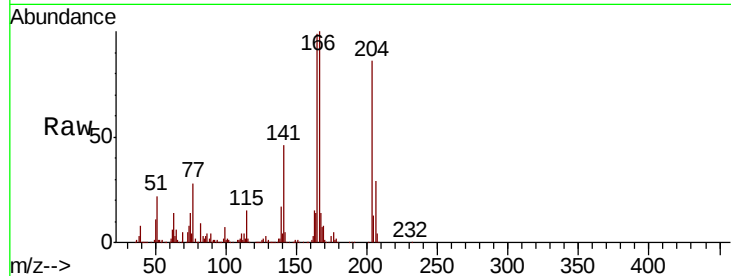




#61
4-Chlorophenyl-phenylether
Concen: 40.199 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.01 min
Lab File: BG043033.D
Acq: 4 Oct 2019 18:17

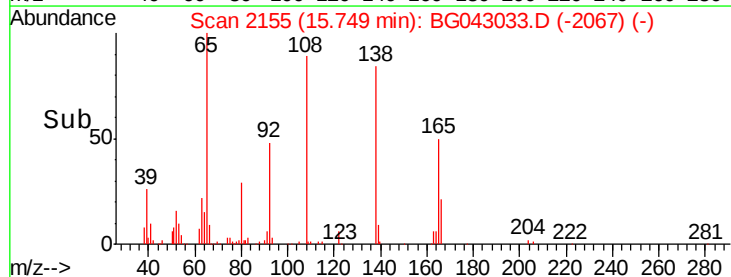
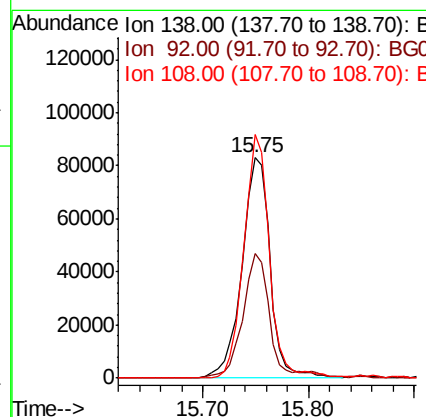
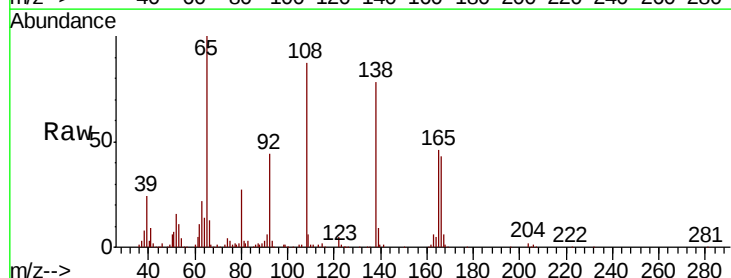
Instrument :
BNA_G
ClientSampleId :
PB123604BS

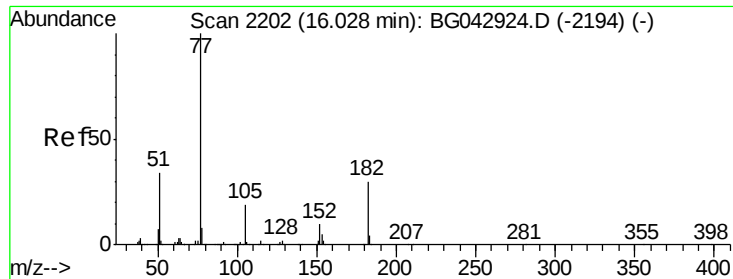
Tot Ion: 204 Resp: 368181
Ion Ratio Lower Upper
204 100
206 34.2 28.5 42.7
141 53.3 42.4 63.6



#62
4-Nitroaniline
Concen: 41.021 ng
RT: 15.75 min Scan# 2155
Delta R.T. -0.01 min
Lab File: BG043033.D
Acq: 4 Oct 2019 18:17

Tgt Ion: 138 Resp: 153186
Ion Ratio Lower Upper
138 100
92 56.7 32.9 72.9
108 110.4 81.3 121.3

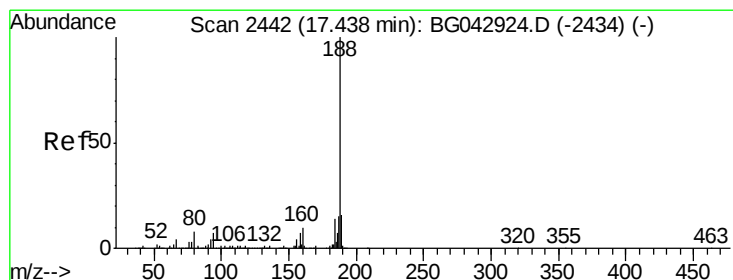
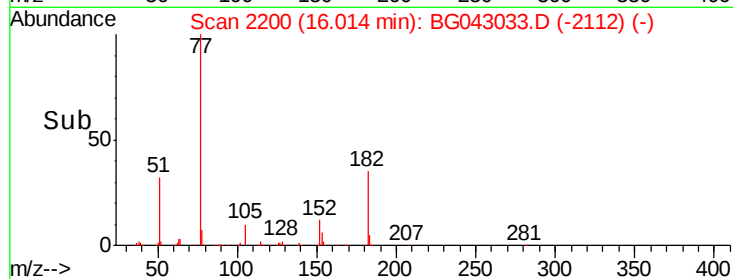
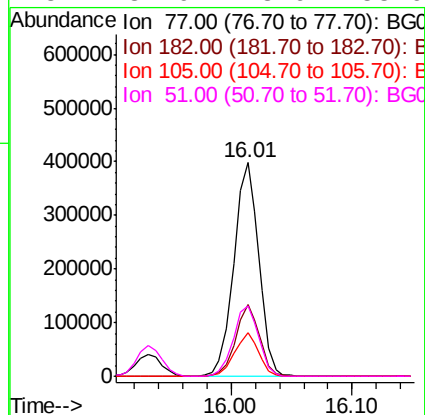
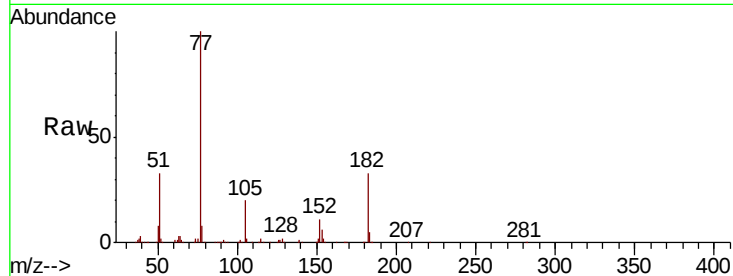




#63
Azobenzene
Concen: 39.627 ng
RT: 16.01 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BG043033.D
Acq: 4 Oct 2019 18:17

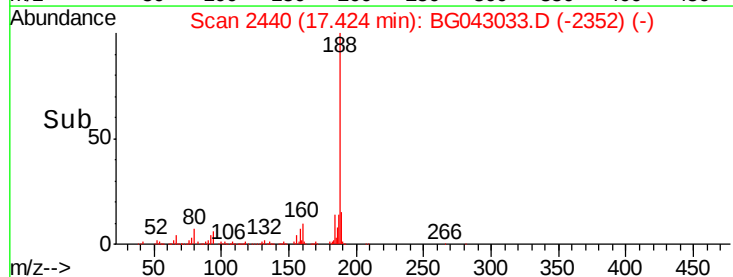
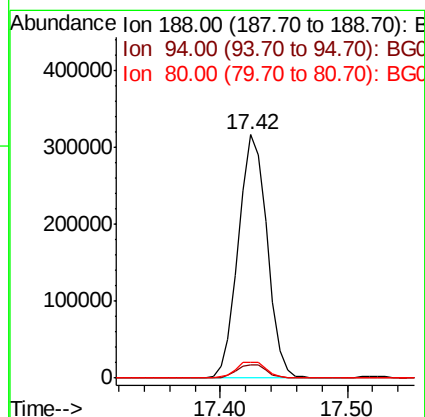
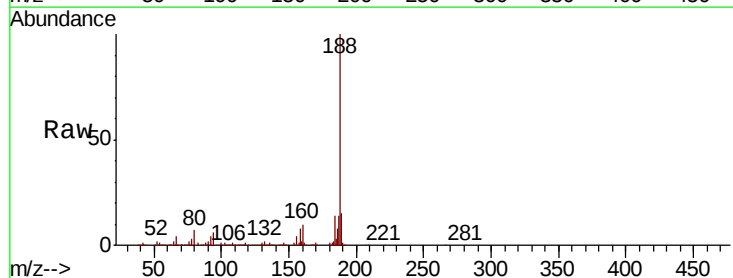
Instrument :
BNA_G
ClientSampleId :
PB123604BS

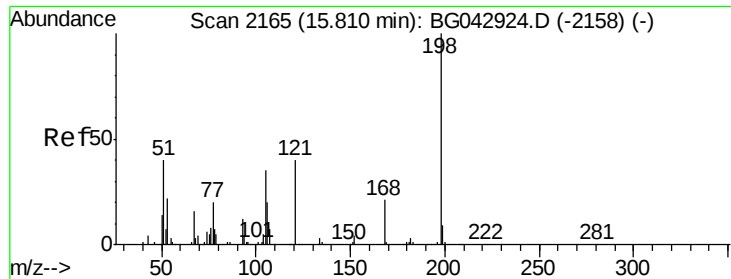
Tot Ion:	77	Resp:	571241
Ion	Ratio	Lower	Upper
77	100		
182	33.3	10.2	50.2
105	20.4	0.0	39.1
51	32.9	13.9	53.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BG043033.D
Acq: 4 Oct 2019 18:17

Tgt Ion:	188	Resp:	495962
Ion	Ratio	Lower	Upper
188	100		
94	5.7	5.7	8.5
80	6.7	6.5	9.7

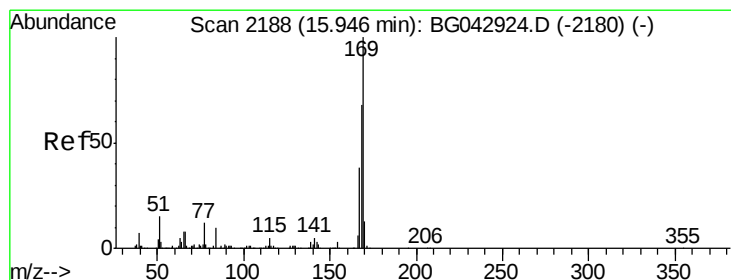
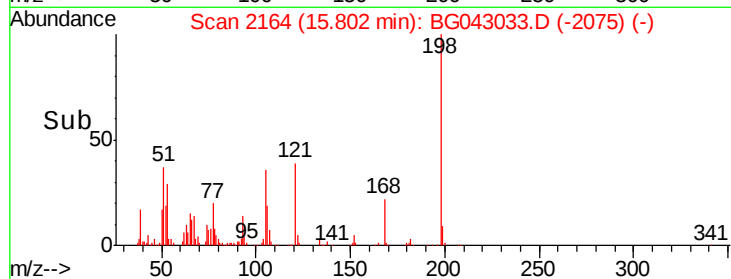
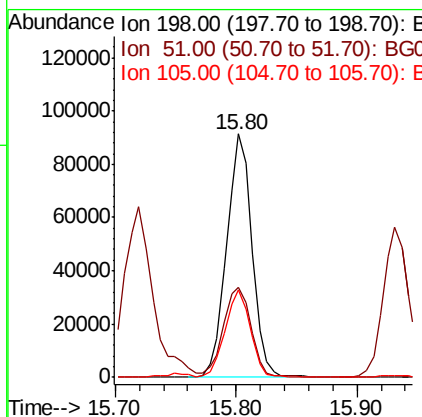
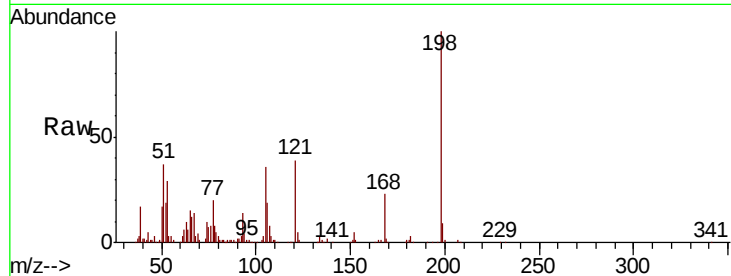




#65
 4,6-Dinitro-2-methylphenol
 Concen: 47.521 ng
 RT: 15.80 min Scan# 2164
 Delta R.T. -0.01 min
 Lab File: BG043033.D
 Acq: 4 Oct 2019 18:17

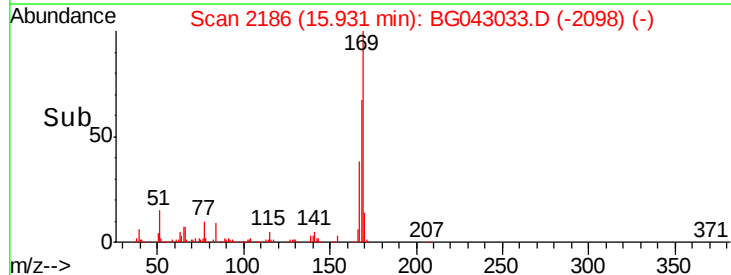
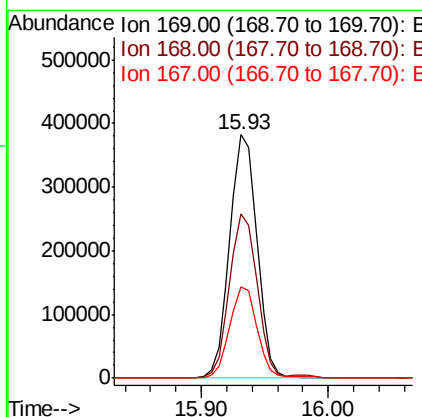
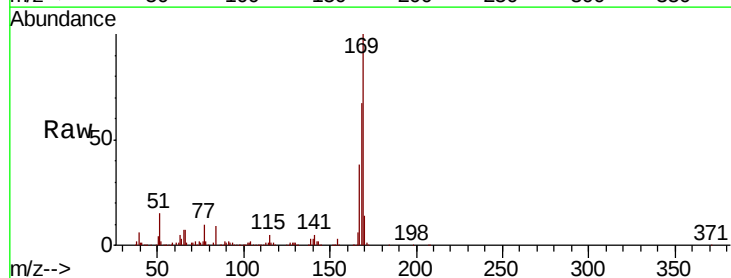
Instrument :
 BNA_G
 ClientSampleId :
 PB123604BS

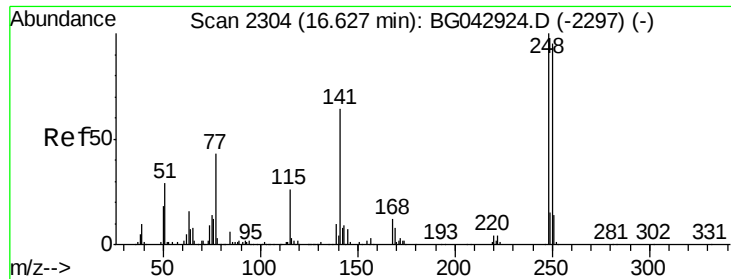
Tot Ion:198 Resp: 133366
 Ion Ratio Lower Upper
 198 100
 51 37.0 25.3 65.3
 105 35.7 16.6 56.6



#66
 n-Nitrosodiphenylamine
 Concen: 43.700 ng
 RT: 15.93 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: BG043033.D
 Acq: 4 Oct 2019 18:17

Tgt Ion:169 Resp: 572152
 Ion Ratio Lower Upper
 169 100
 168 67.4 54.8 82.2
 167 37.6 30.6 46.0

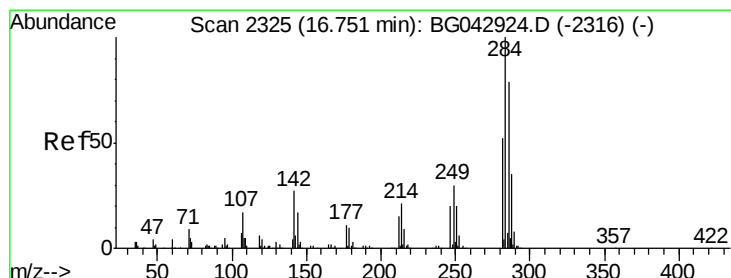
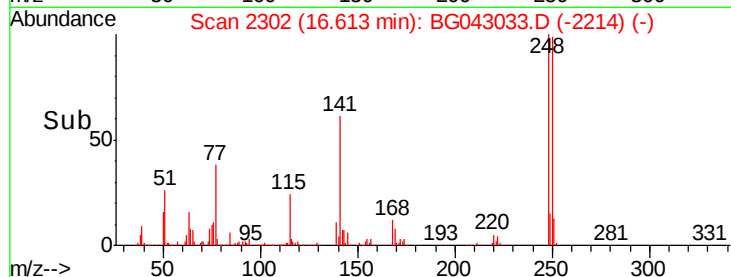
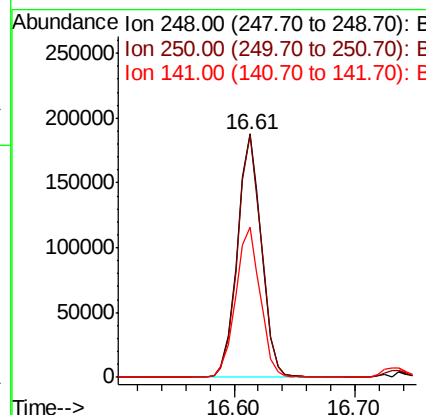
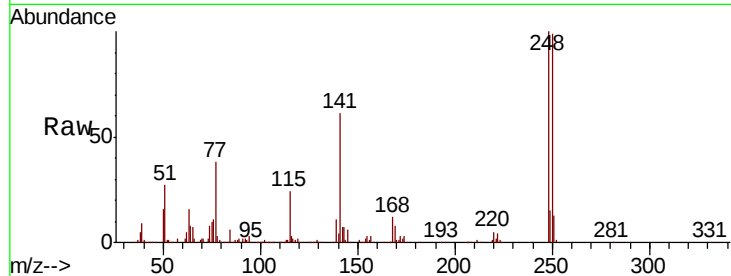




#67
4-Bromophenyl-phenylether
Concen: 42.006 ng
RT: 16.61 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BG043033.D
Acq: 4 Oct 2019 18:17

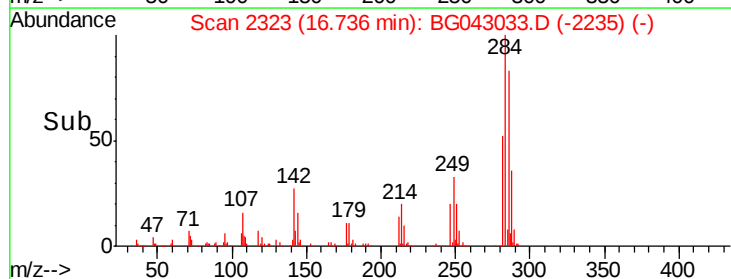
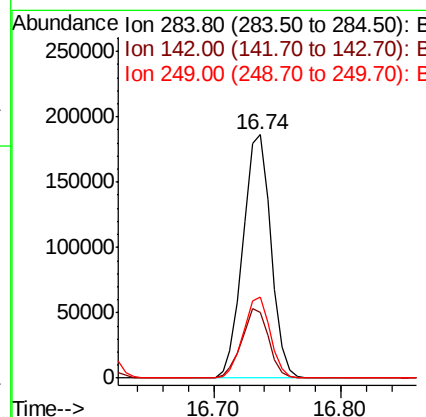
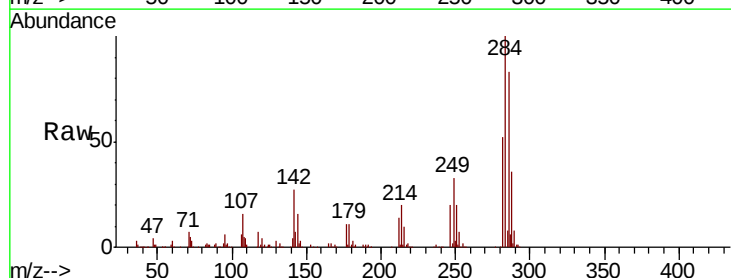
Instrument :
BNA_G
ClientSampleId :
PB123604BS

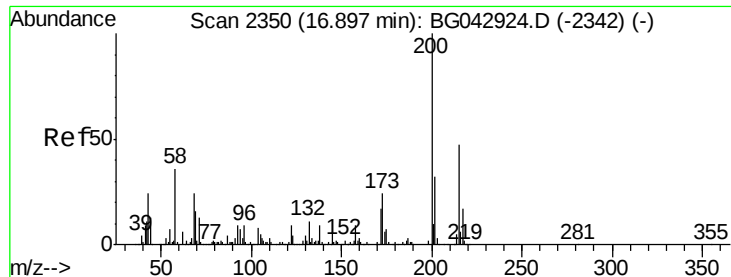
Tot Ion:248 Resp: 261477
Ion Ratio Lower Upper
248 100
250 99.4 75.8 113.8
141 61.4 51.1 76.7



#68
Hexachlorobenzene
Concen: 41.088 ng
RT: 16.74 min Scan# 2323
Delta R.T. -0.01 min
Lab File: BG043033.D
Acq: 4 Oct 2019 18:17

Tgt Ion:284 Resp: 284776
Ion Ratio Lower Upper
284 100
142 27.1 21.6 32.4
249 33.3 24.1 36.1





#69

Atrazine

Concen: 40.063 ng

RT: 16.88 min Scan# 2348

Delta R.T. -0.01 min

Lab File: BG043033.D

Acq: 4 Oct 2019 18:17

Instrument :

BNA_G

ClientSampleId :

PB123604BS

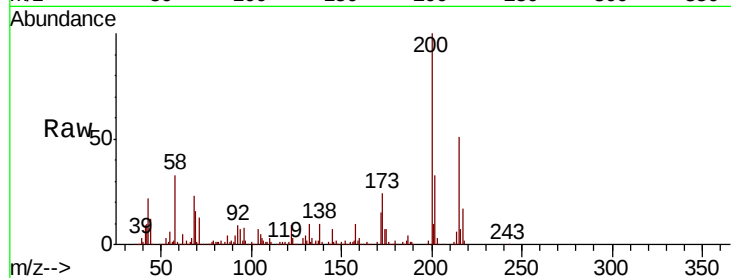
Tot Ion:200 Resp: 220877

Ion Ratio Lower Upper

200 100

173 24.4 4.0 44.0

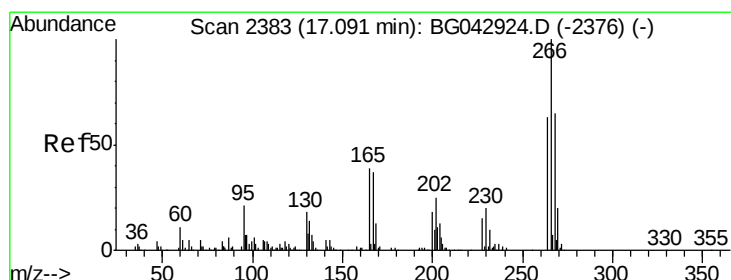
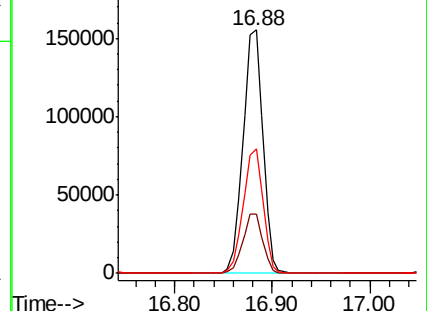
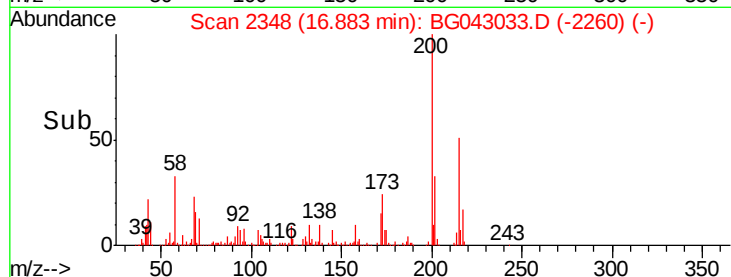
215 51.4 27.4 67.4



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: 94.750 ng

RT: 17.08 min Scan# 2381

Delta R.T. -0.01 min

Lab File: BG043033.D

Acq: 4 Oct 2019 18:17

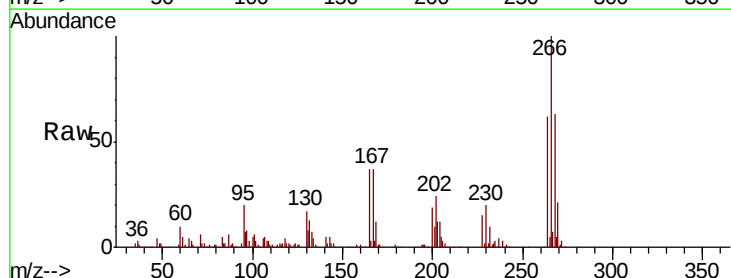
Tgt Ion:266 Resp: 378933

Ion Ratio Lower Upper

266 100

268 62.6 52.2 78.2

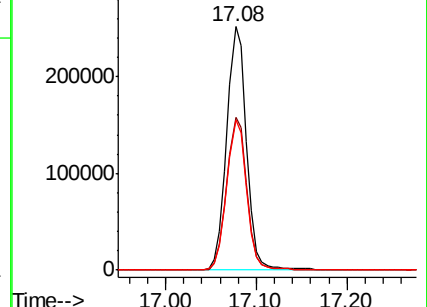
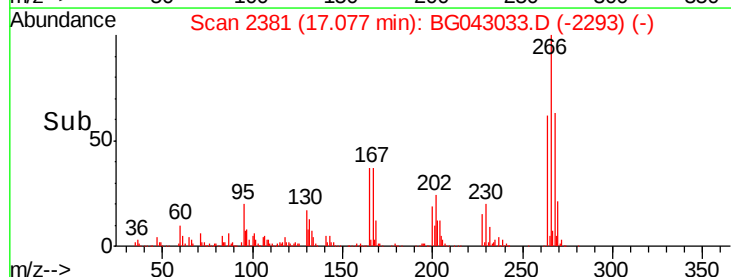
264 61.9 50.7 76.1

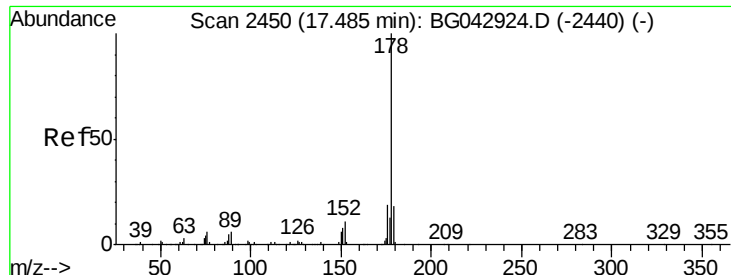


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 41.996 ng

RT: 17.46 min Scan# 2447

Delta R.T. -0.02 min

Lab File: BG043033.D

Acq: 4 Oct 2019 18:17

Instrument :

BNA_G

ClientSampleId :

PB123604BS

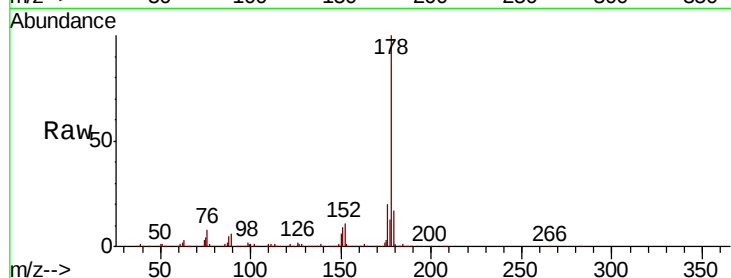
Tot Ion:178 Resp: 1016854

Ion Ratio Lower Upper

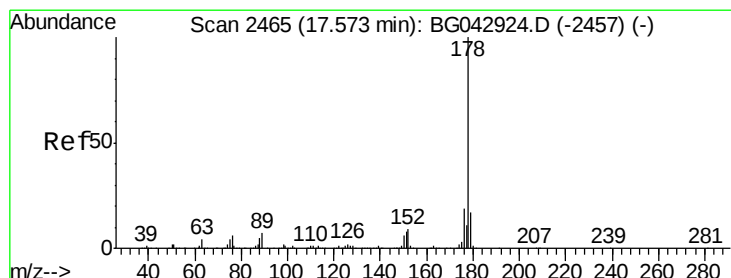
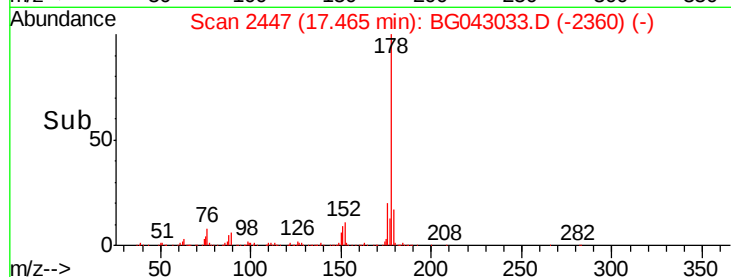
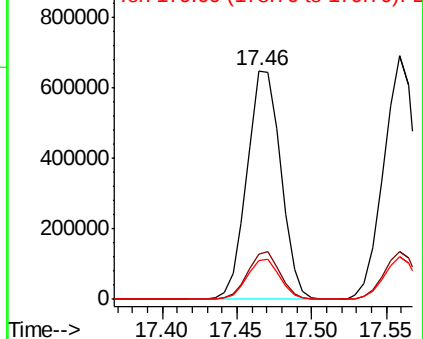
178 100

176 20.1 15.1 22.7

179 16.9 14.1 21.1



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



#72

Anthracene

Concen: 42.941 ng

RT: 17.56 min Scan# 2463

Delta R.T. -0.01 min

Lab File: BG043033.D

Acq: 4 Oct 2019 18:17

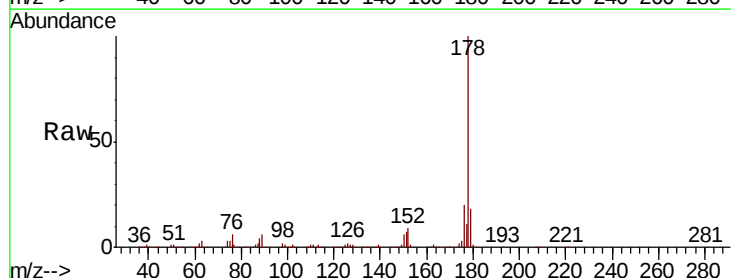
Tgt Ion:178 Resp: 1037971

Ion Ratio Lower Upper

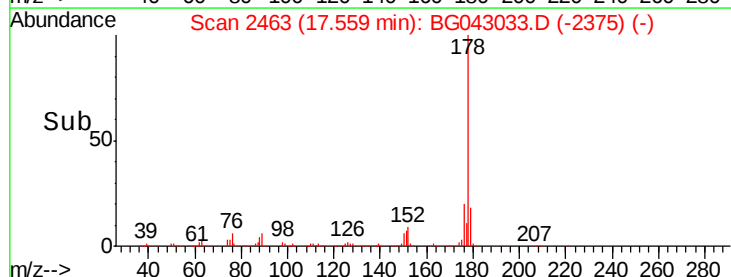
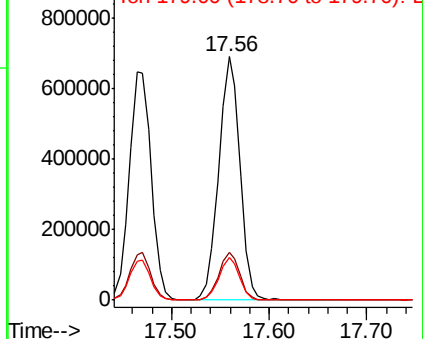
178 100

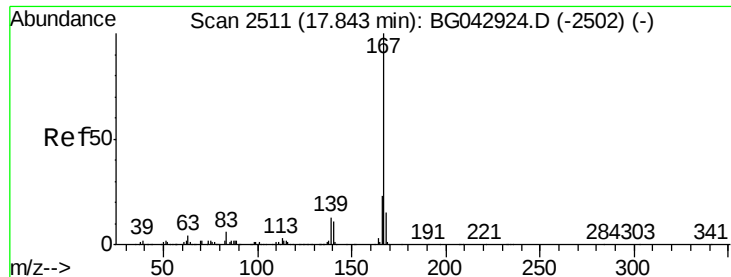
176 19.9 15.5 23.3

179 17.5 13.5 20.3



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

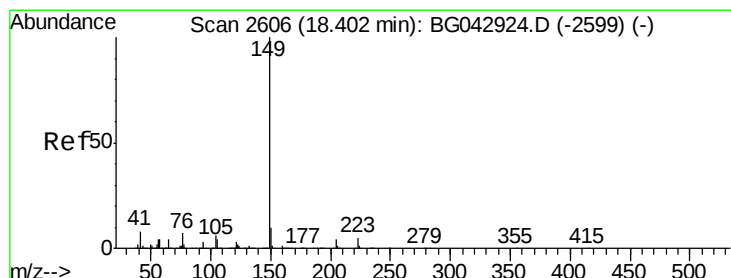
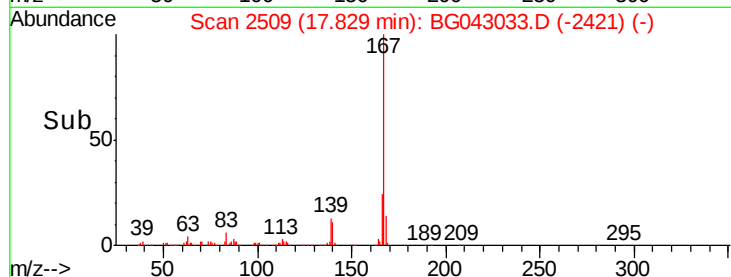
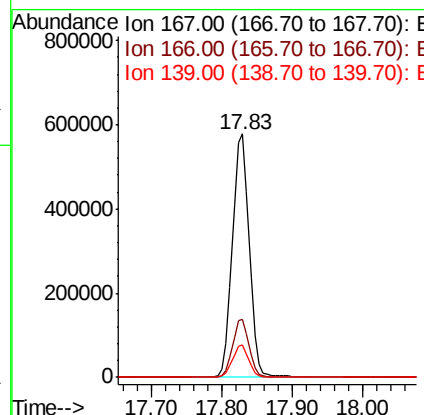
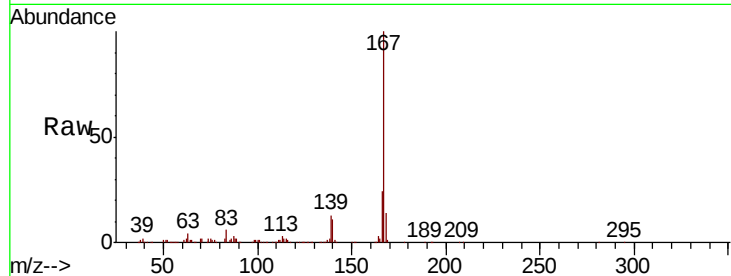




#73
 Carbazole
 Concen: 42.896 ng
 RT: 17.83 min Scan# 2509
 Delta R.T. -0.01 min
 Lab File: BG043033.D
 Acq: 4 Oct 2019 18:17

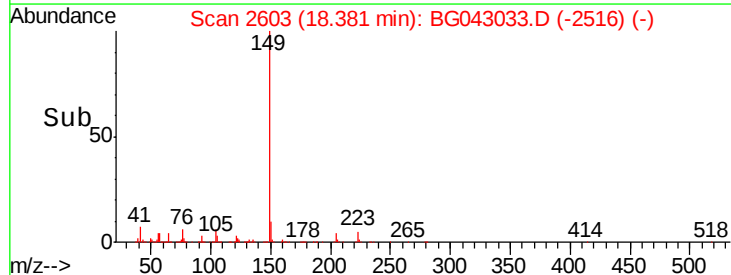
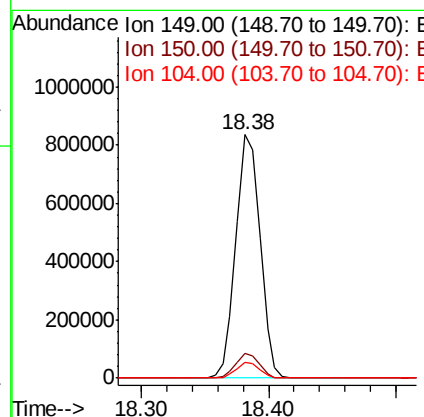
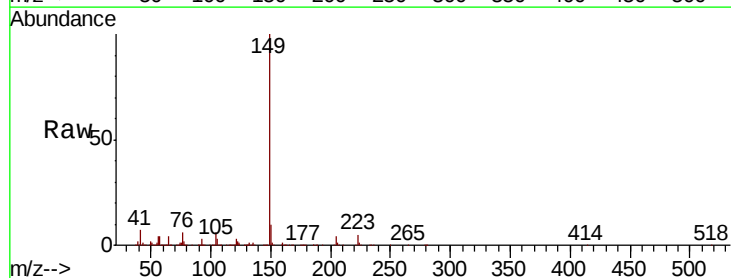
Instrument :
 BNA_G
 ClientSampleId :
 PB123604BS

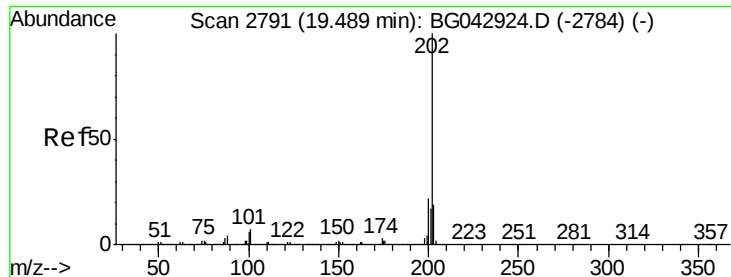
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.6	18.6	28.0
139	13.4	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 41.265 ng
 RT: 18.38 min Scan# 2603
 Delta R.T. -0.02 min
 Lab File: BG043033.D
 Acq: 4 Oct 2019 18:17

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.2	7.7	11.5
104	6.3	5.0	7.6





#75

Fluoranthene

Concen: 42.320 ng

RT: 19.47 min Scan# 2789

Delta R.T. -0.01 min

Lab File: BG043033.D

Acq: 4 Oct 2019 18:17

Instrument :

BNA_G

ClientSampleId :

PB123604BS

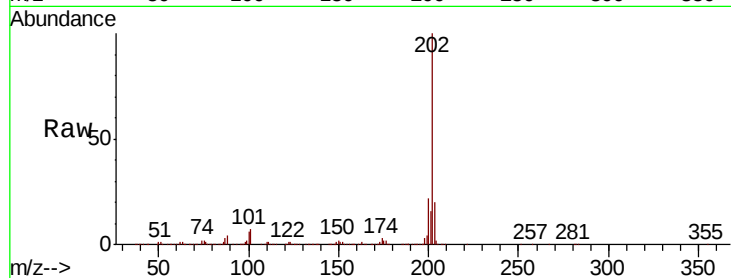
Tot Ion:202 Resp: 1355346

Ion Ratio Lower Upper

202 100

101 7.0 0.0 27.3

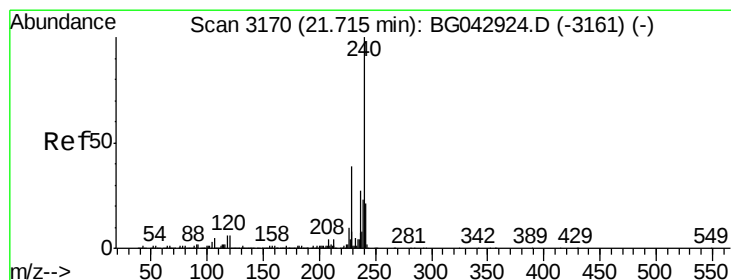
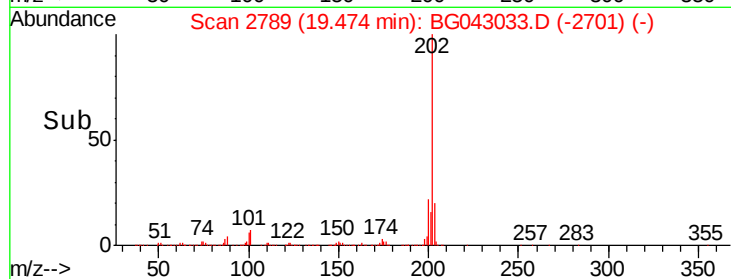
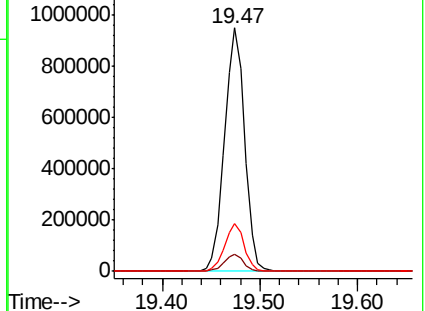
203 19.8 0.0 39.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.02 min

Lab File: BG043033.D

Acq: 4 Oct 2019 18:17

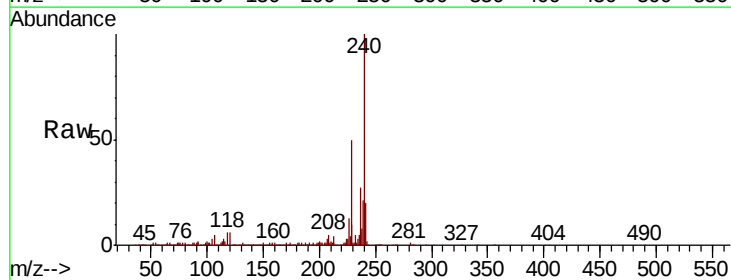
Tgt Ion:240 Resp: 556175

Ion Ratio Lower Upper

240 100

120 5.7 4.8 7.2

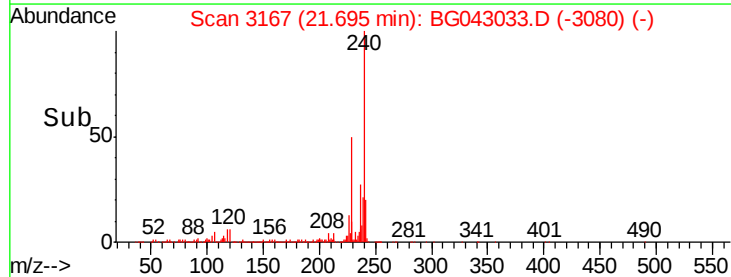
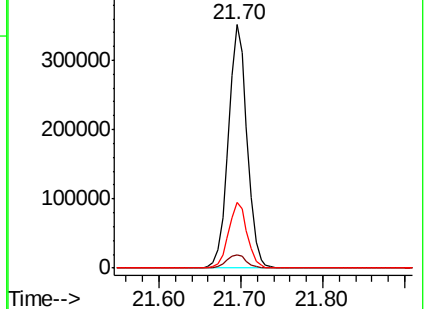
236 27.1 21.4 32.0

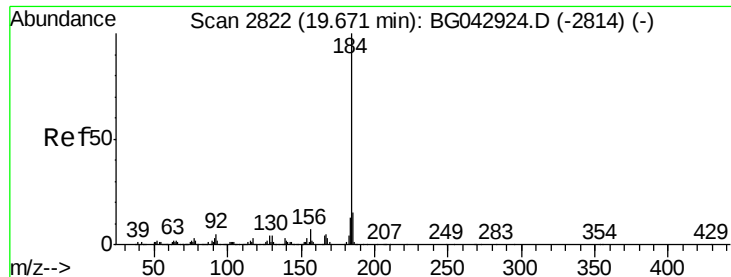


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 29.931 ng

RT: 19.65 min Scan# 2819

Delta R.T. -0.02 min

Lab File: BG043033.D

Acq: 4 Oct 2019 18:17

Instrument :

BNA_G

ClientSampleId :

PB123604BS

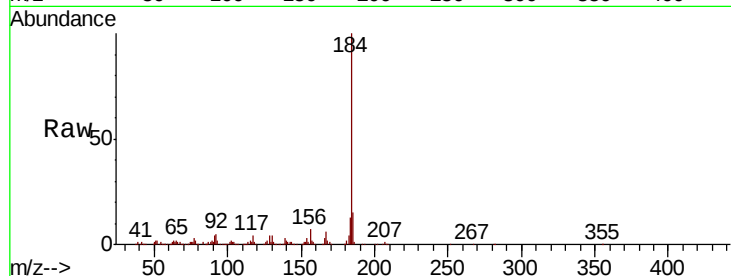
Tot Ion:184 Resp: 416816

Ion Ratio Lower Upper

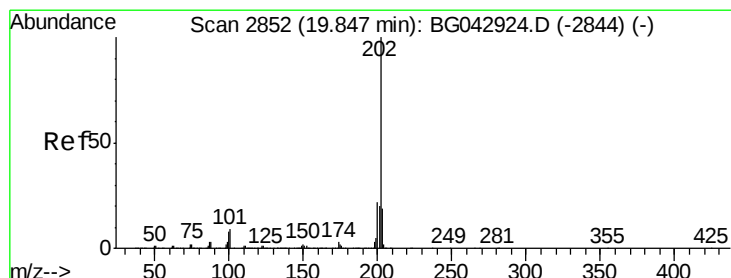
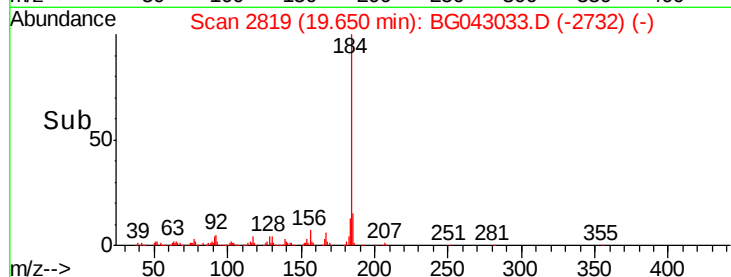
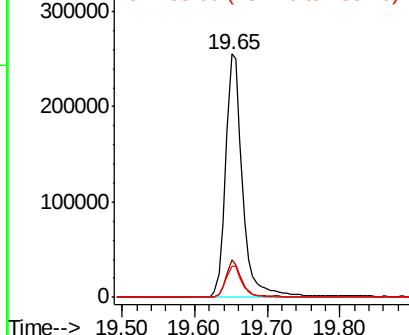
184 100

185 15.3 11.8 17.8

183 12.7 10.1 15.1



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: 41.271 ng

RT: 19.83 min Scan# 2850

Delta R.T. -0.01 min

Lab File: BG043033.D

Acq: 4 Oct 2019 18:17

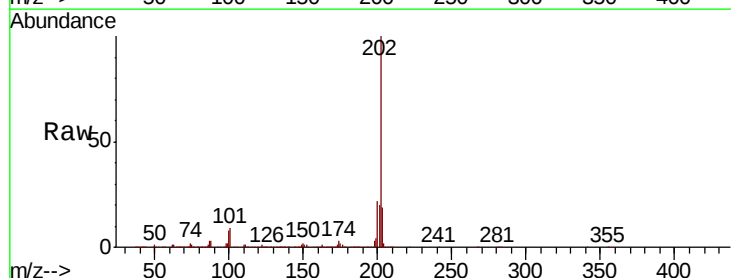
Tgt Ion:202 Resp: 1370020

Ion Ratio Lower Upper

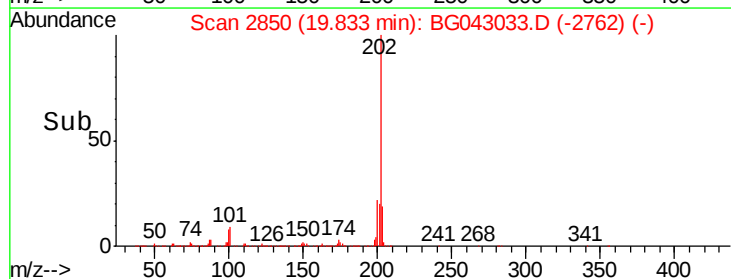
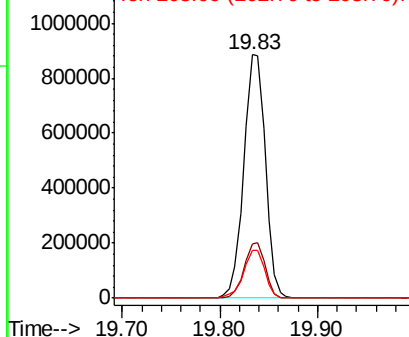
202 100

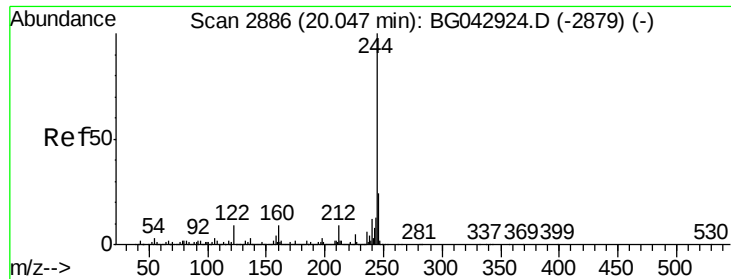
200 22.4 17.6 26.4

203 19.5 15.2 22.8



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: 69.186 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG043033.D

Acq: 4 Oct 2019 18:17

Instrument :

BNA_G

ClientSampleId :

PB123604BS

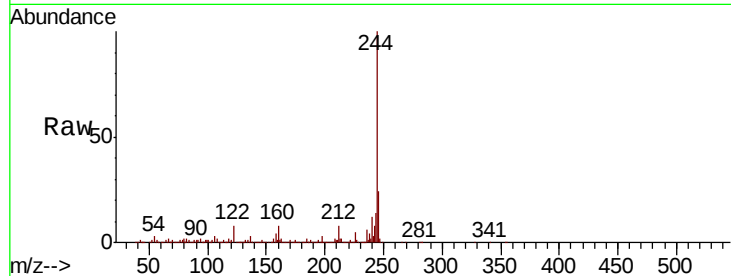
Tot Ion:244 Resp: 1805809

Ion Ratio Lower Upper

244 100

212 8.4 7.4 11.0

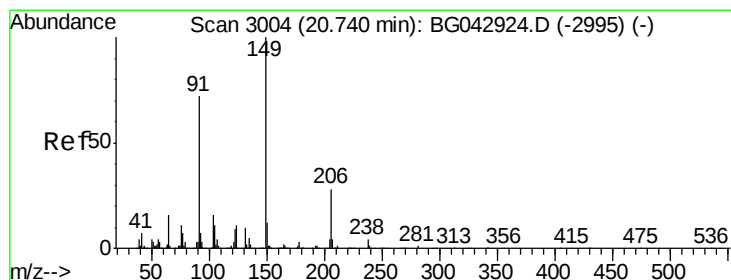
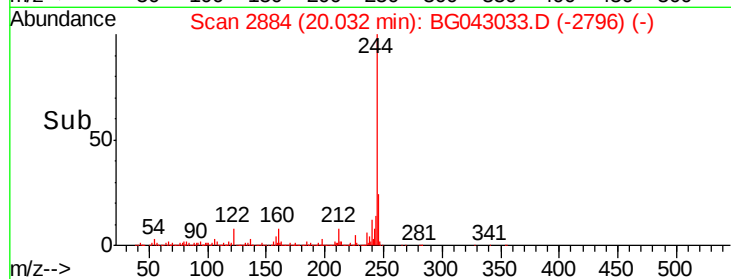
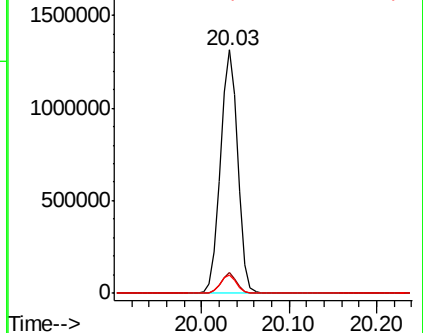
122 7.7 7.0 10.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.688 ng

RT: 20.72 min Scan# 3001

Delta R.T. -0.02 min

Lab File: BG043033.D

Acq: 4 Oct 2019 18:17

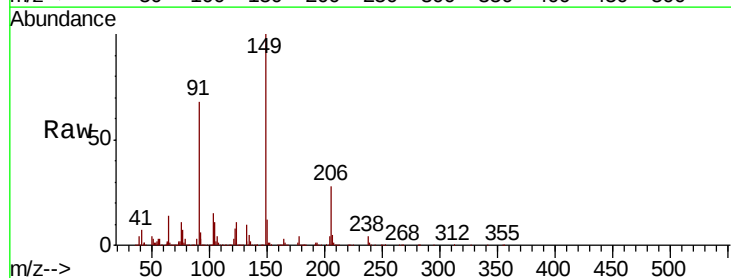
Tgt Ion:149 Resp: 537889

Ion Ratio Lower Upper

149 100

91 68.4 57.7 86.5

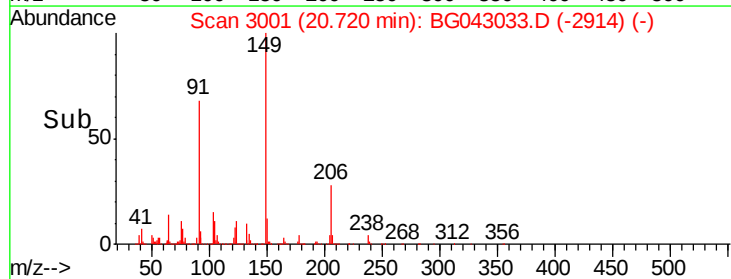
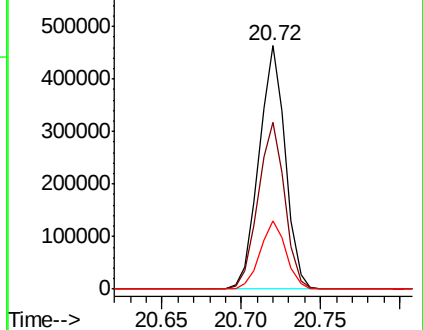
206 28.1 22.6 33.8

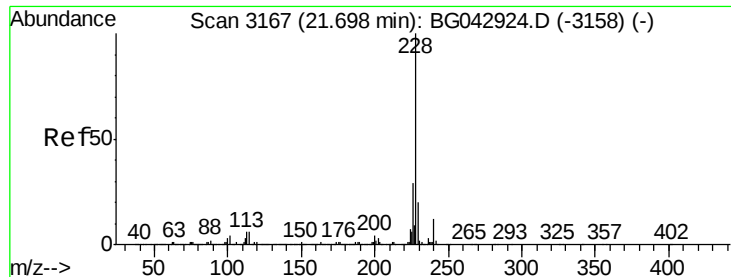


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.980 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.03 min

Lab File: BG043033.D

Acq: 4 Oct 2019 18:17

Instrument :

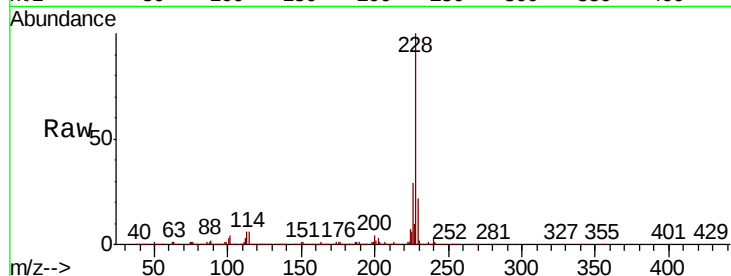
BNA_G

ClientSampleId :

PB123604BS

Tot Ion:228 Resp: 1420150

Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.0	34.4
229	21.9	16.3	24.5

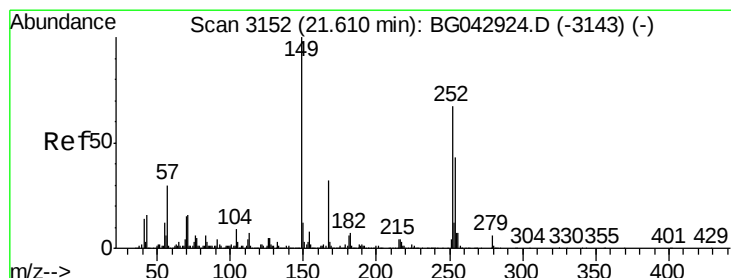
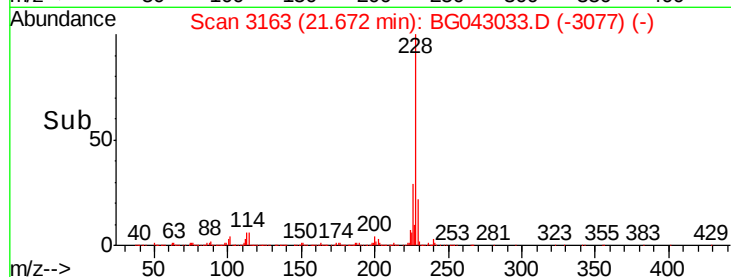
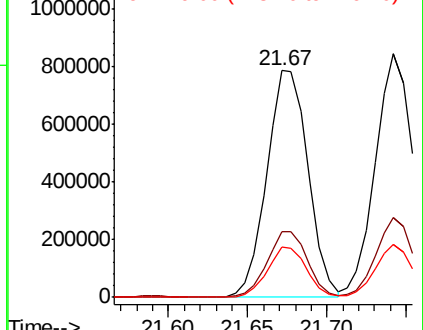


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 40.707 ng

RT: 21.59 min Scan# 3149

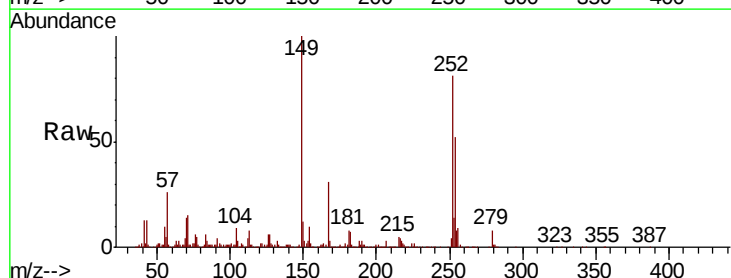
Delta R.T. -0.02 min

Lab File: BG043033.D

Acq: 4 Oct 2019 18:17

Tgt Ion:252 Resp: 553290

Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.9	77.9
126	7.0	6.1	9.1

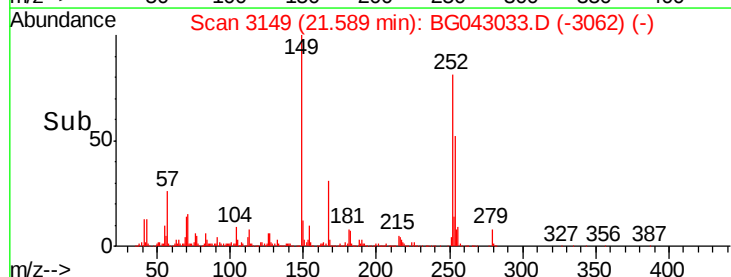
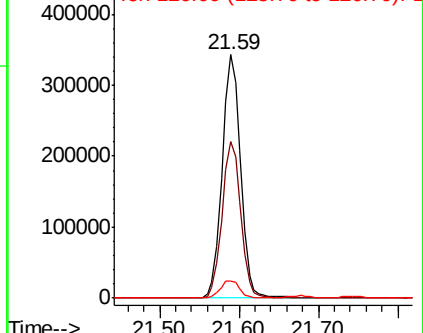


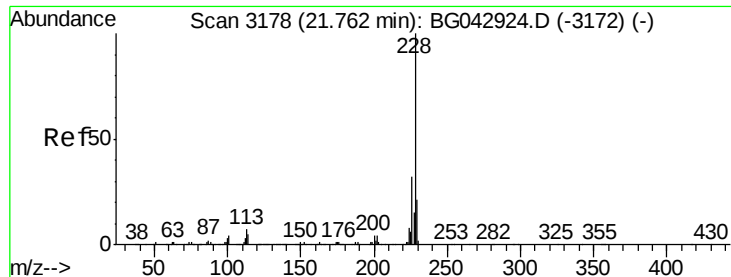
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 41.510 ng

RT: 21.74 min Scan# 3175

Delta R.T. -0.02 min

Lab File: BG043033.D

Acq: 4 Oct 2019 18:17

Instrument :

BNA_G

ClientSampleId :

PB123604BS

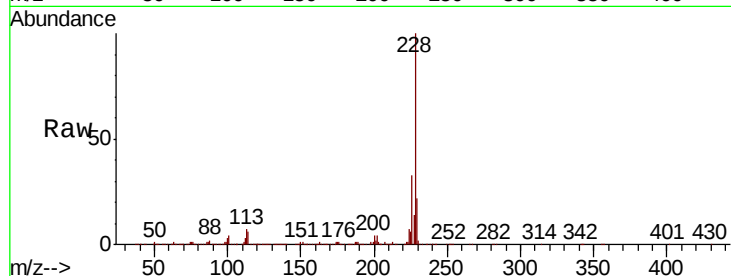
Tot Ion:228 Resp: 1395982

Ion Ratio Lower Upper

228 100

226 32.6 25.6 38.4

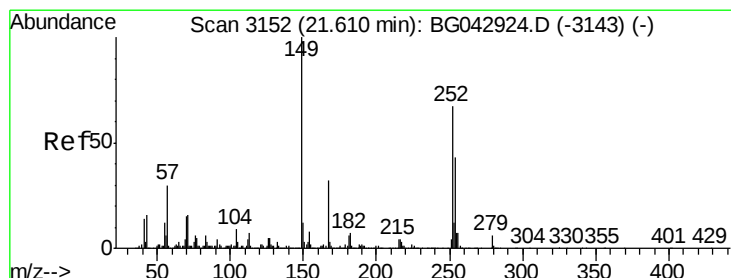
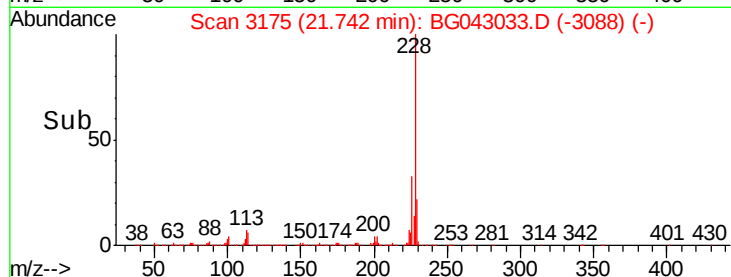
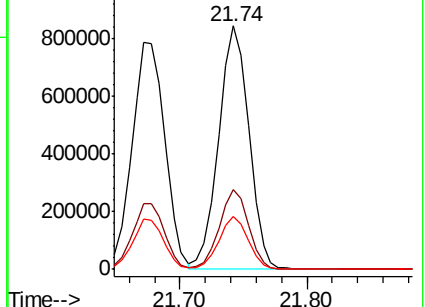
229 21.6 16.9 25.3



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: 42.726 ng

RT: 21.58 min Scan# 3148

Delta R.T. -0.03 min

Lab File: BG043033.D

Acq: 4 Oct 2019 18:17

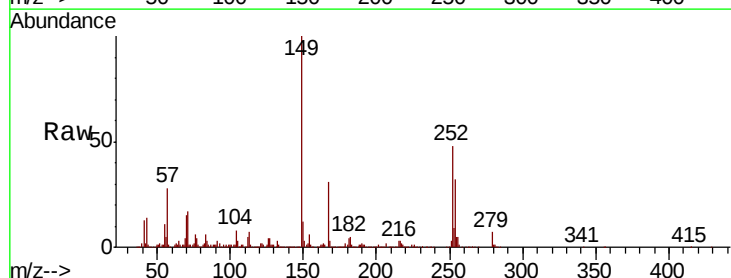
Tgt Ion:149 Resp: 766054

Ion Ratio Lower Upper

149 100

167 30.9 25.4 38.2

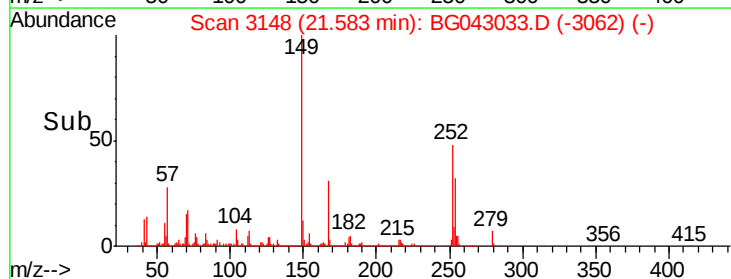
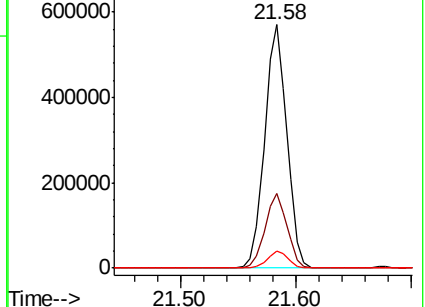
279 7.2 5.1 7.7

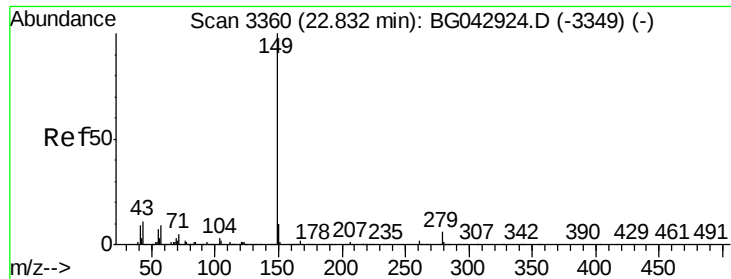


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

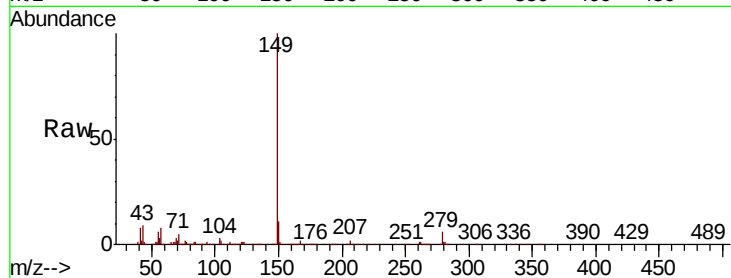




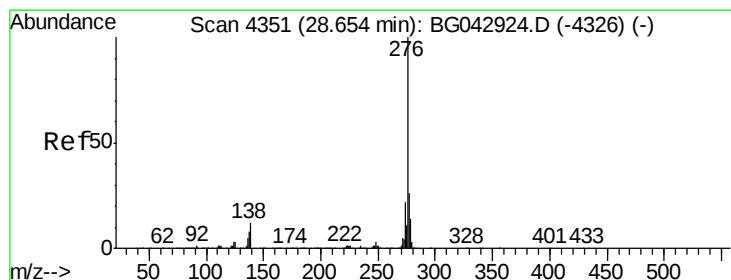
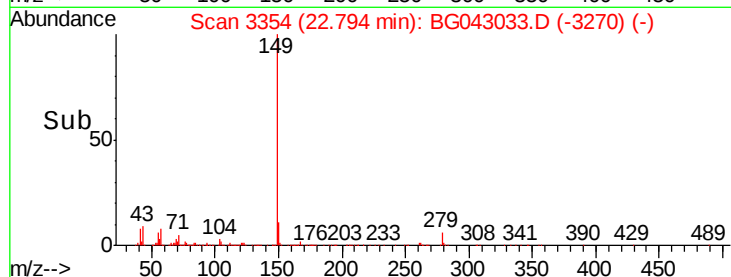
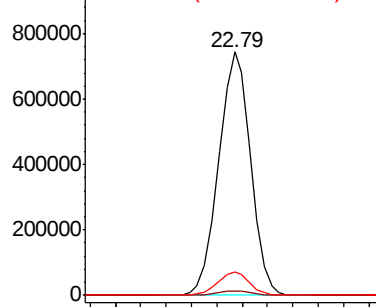
#85
Di-n-octyl phthalate
Concen: 44.232 ng
RT: 22.79 min Scan# 3354
Delta R.T. -0.04 min
Lab File: BG043033.D
Acq: 4 Oct 2019 18:17

Instrument :
BNA_G
ClientSampleId :
PB123604BS

Tot Ion:149 Resp: 1296831
Ion Ratio Lower Upper
149 100
167 1.9 1.4 2.0
43 9.6 8.7 13.1

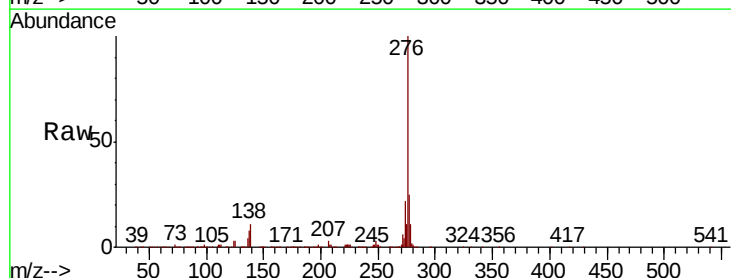


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

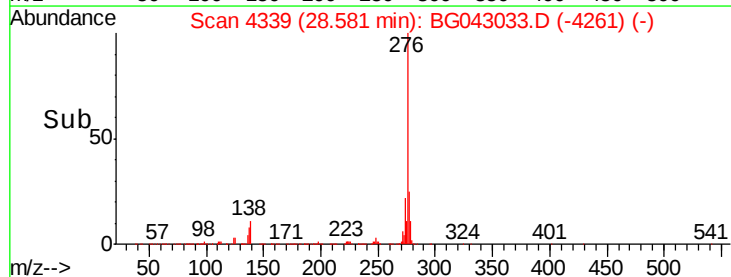
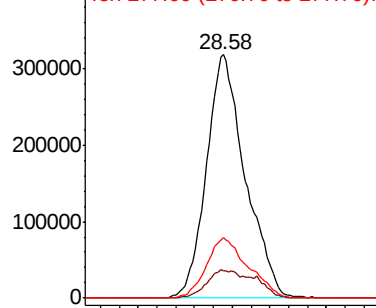


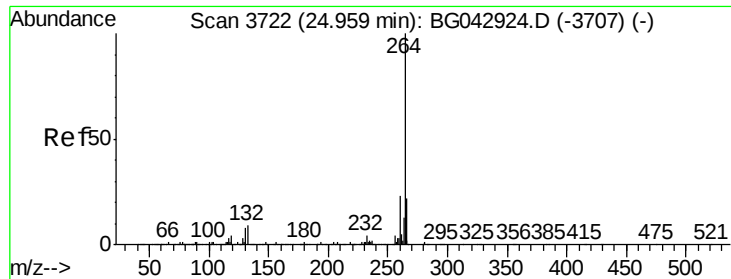
#86
Indeno(1,2,3-cd)pyrene
Concen: 43.602 ng
RT: 28.58 min Scan# 4339
Delta R.T. -0.07 min
Lab File: BG043033.D
Acq: 4 Oct 2019 18:17

Tgt Ion:276 Resp: 1825443
Ion Ratio Lower Upper
276 100
138 14.4 7.0 10.6#
277 26.5 20.9 31.3



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

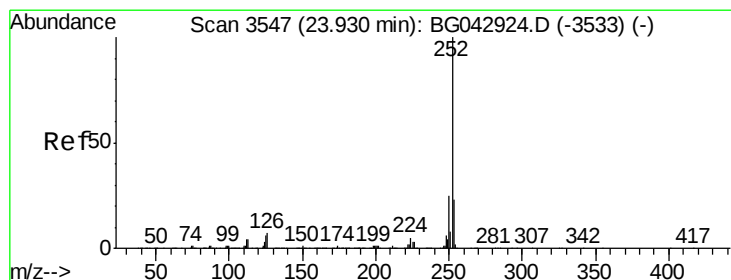
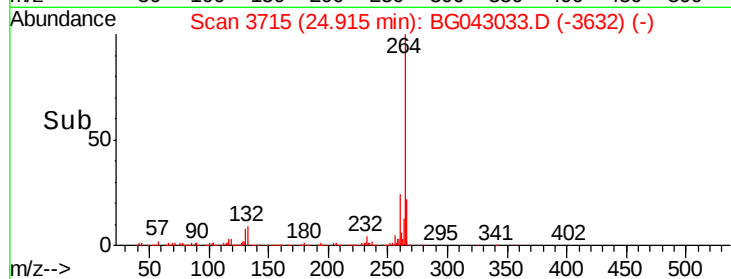
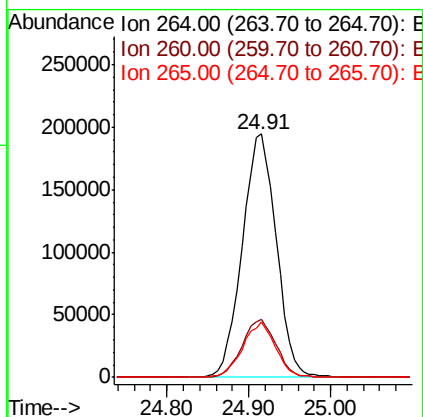
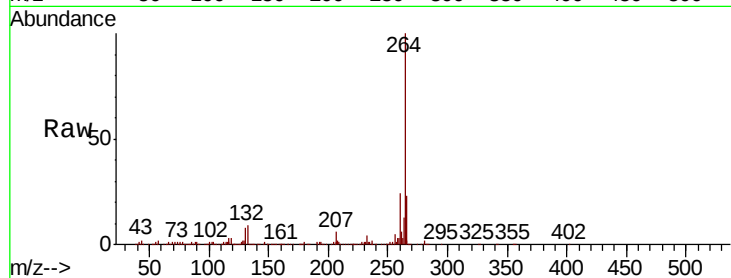




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.91 min Scan# 3715
Delta R.T. -0.04 min
Lab File: BG043033.D
Acq: 4 Oct 2019 18:17

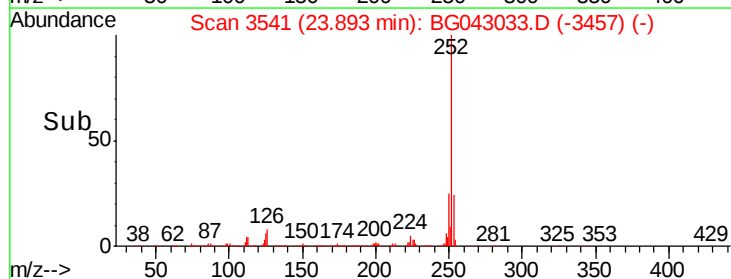
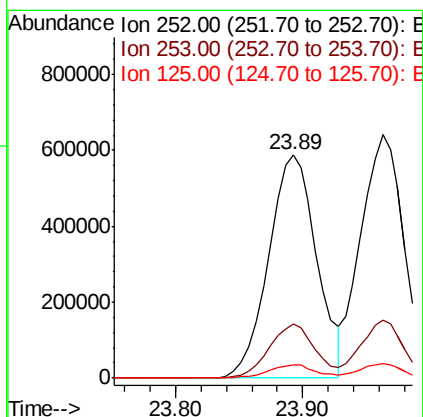
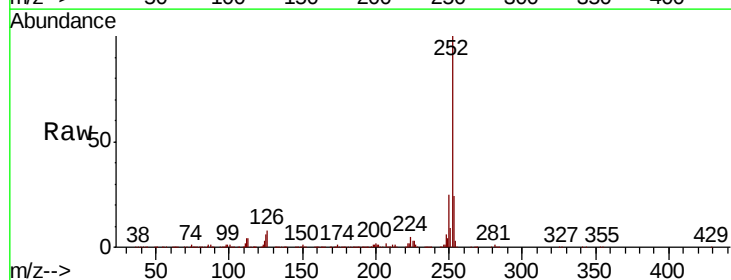
Instrument :
BNA_G
ClientSampleId :
PB123604BS

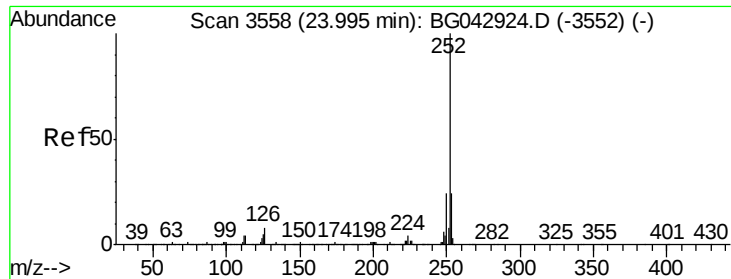
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.7	28.1
265	22.6	17.7	26.5



#88
Benzo(b)fluoranthene
Concen: 48.658 ng
RT: 23.89 min Scan# 3541
Delta R.T. -0.04 min
Lab File: BG043033.D
Acq: 4 Oct 2019 18:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.2	27.2
125	6.0	4.6	7.0





#89

Benzo(k)fluoranthene

Concen: 48.238 ng

RT: 23.96 min Scan# 3553

Delta R.T. -0.03 min

Lab File: BG043033.D

Acq: 4 Oct 2019 18:17

Instrument :

BNA_G

ClientSampleId :

PB123604BS

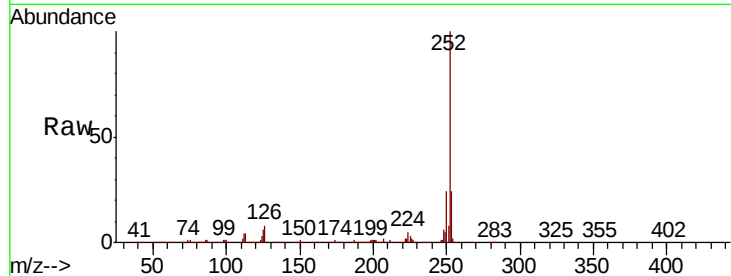
Tot Ion:252 Resp: 1518895

Ion Ratio Lower Upper

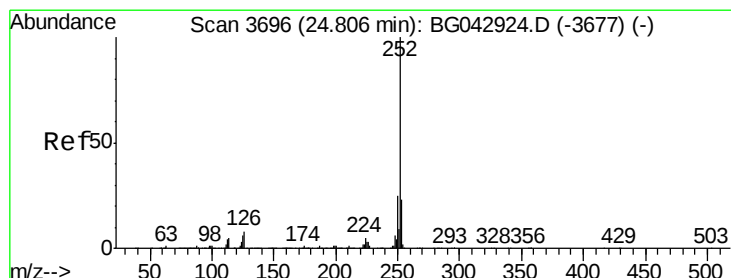
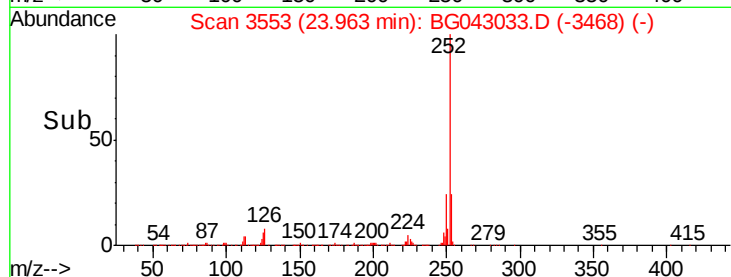
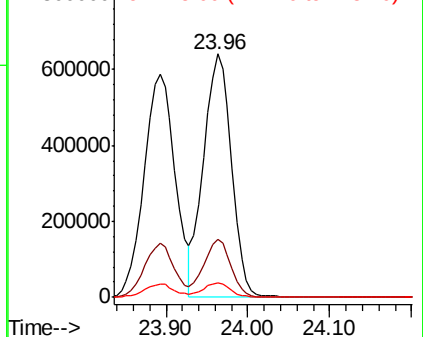
252 100

253 23.9 18.9 28.3

125 6.1 4.5 6.7



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



#90

Benzo(a)pyrene

Concen: 50.390 ng

RT: 24.77 min Scan# 3690

Delta R.T. -0.04 min

Lab File: BG043033.D

Acq: 4 Oct 2019 18:17

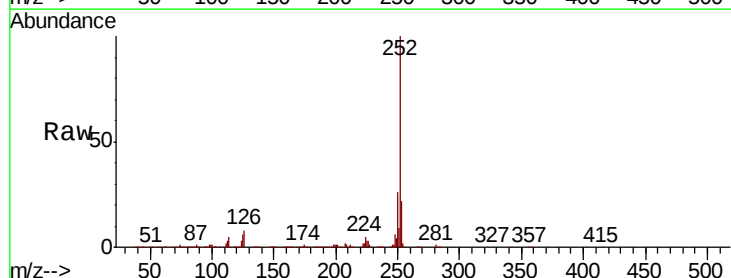
Tgt Ion:252 Resp: 1513175

Ion Ratio Lower Upper

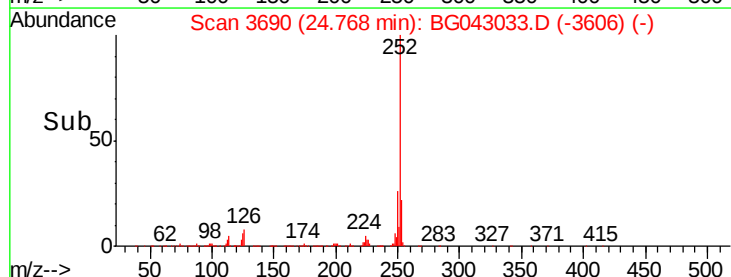
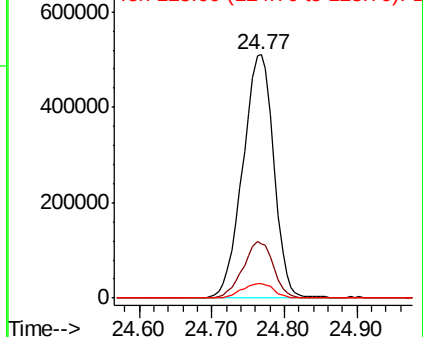
252 100

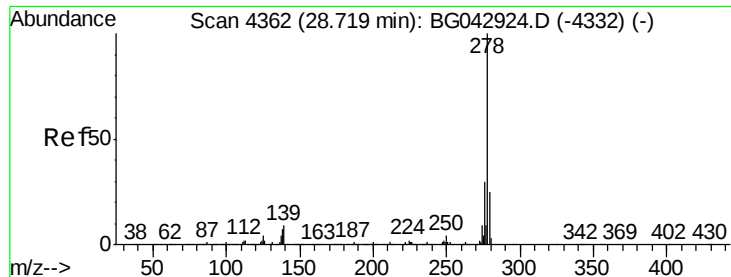
253 22.5 18.2 27.4

125 6.2 5.0 7.6



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

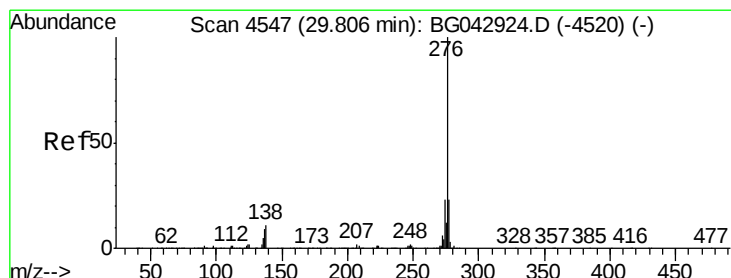
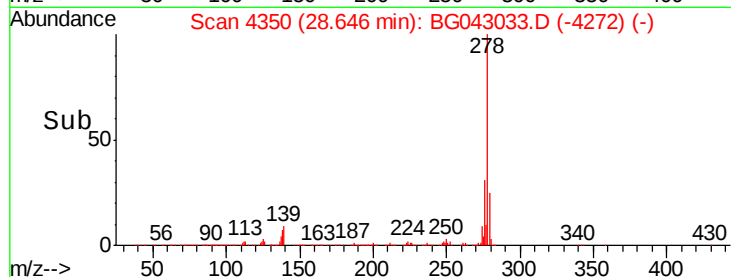
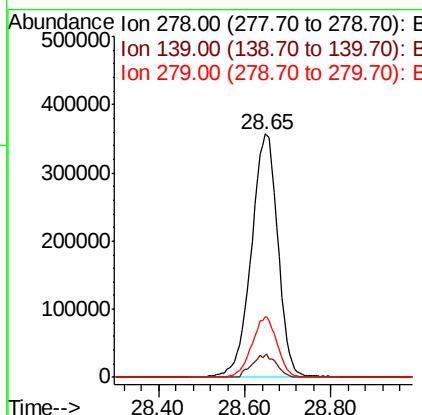
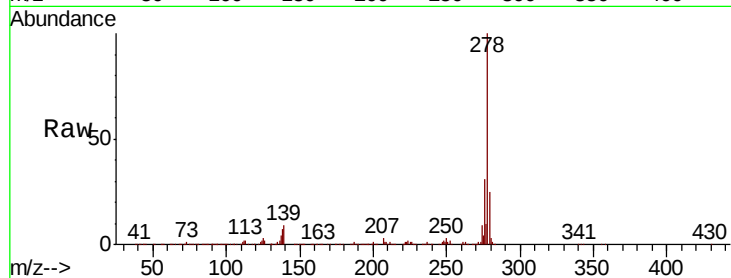




#91
Dibenzo(a,h)anthracene
Concen: 51.165 ng
RT: 28.65 min Scan# 4350
Delta R.T. -0.07 min
Lab File: BG043033.D
Acq: 4 Oct 2019 18:17

Instrument :
BNA_G
ClientSampleId :
PB123604BS

Tot Ion:278 Resp: 1575508
Ion Ratio Lower Upper
278 100
139 9.0 6.8 10.2
279 25.0 20.1 30.1



#92
Benzo(g,h,i)perylene
Concen: 51.614 ng
RT: 29.74 min Scan# 4536
Delta R.T. -0.07 min
Lab File: BG043033.D
Acq: 4 Oct 2019 18:17

Tgt Ion:276 Resp: 1539927
Ion Ratio Lower Upper
276 100
277 24.0 18.4 27.6
138 10.9 8.6 12.8

