

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102419\
 Data File : BG043329.D
 Acq On : 24 Oct 2019 13:42
 Operator : JU
 Sample : PB124233BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124233BS

Quant Time: Oct 24 14:22:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	29684	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	114859	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	85216	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	207739	20.00	ng	0.00
76) Chrysene-d12	21.66	240	258479	20.00	ng	0.00
87) Perylene-d12	24.86	264	302043	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	196605	121.37	ng	0.00
7) Phenol-d6	7.20	99	265095	113.74	ng	0.00
23) Nitrobenzene-d5	9.18	82	136358	61.20	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	181801	112.11	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	390380	63.30	ng	0.00
79) Terphenyl-d14	20.00	244	866725	62.91	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.49	88	25608	40.566	ng	97
3) Pyridine	3.89	79	56098	35.229	ng	93
4) n-Nitrosodimethylamine	3.80	42	33283	41.421	ng	# 90
6) Aniline	7.35	93	89841	33.462	ng	95
8) 2-Chlorophenol	7.59	128	79267	44.328	ng	97
9) Benzaldehyde	7.16	77	46726	40.795	ng	92
10) Phenol	7.22	94	96253	45.194	ng	98
11) bis(2-Chloroethyl)ether	7.44	93	64973	39.459	ng	96
12) 1,3-Dichlorobenzene	7.91	146	88329	39.425	ng	98
13) 1,4-Dichlorobenzene	8.06	146	88226	38.921	ng	98
14) 1,2-Dichlorobenzene	8.38	146	88430	39.954	ng	93
15) Benzyl Alcohol	8.26	79	68551	41.880	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.54	45	92181	38.500	ng	99
17) 2-Methylphenol	8.47	107	67551	43.509	ng	89
18) Hexachloroethane	9.10	117	32567	39.821	ng	89
19) n-Nitroso-di-n-propylamine	8.82	70	58855	39.079	ng	98
20) 3+4-Methylphenols	8.80	107	88310	41.480	ng	90
22) Acetophenone	8.85	105	116166	39.493	ng	98
24) Nitrobenzene	9.22	77	87757	41.349	ng	97
25) Isophorone	9.74	82	162348	39.857	ng	97
26) 2-Nitrophenol	9.94	139	42954	41.922	ng	96
27) 2,4-Dimethylphenol	10.00	122	73878	50.306	ng	96
28) bis(2-Chloroethoxy)methane	10.23	93	88968	39.575	ng	# 95
29) 2,4-Dichlorophenol	10.49	162	83152	44.191	ng	98
30) 1,2,4-Trichlorobenzene	10.69	180	92755	39.112	ng	98
31) Naphthalene	10.88	128	244809	41.990	ng	98
32) Benzoic acid	10.14	122	30201	30.904	ng	96
33) 4-Chloroaniline	11.00	127	43692	18.282	ng	# 93
34) Hexachlorobutadiene	11.17	225	66225	37.776	ng	95
35) Caprolactam	11.75	113	12023	18.553	ng	# 78
36) 4-Chloro-3-methylphenol	12.12	107	90729	44.205	ng	99
37) 2-Methylnaphthalene	12.48	142	188569	42.153	ng	97
38) 1-Methylnaphthalene	12.70	142	175911	41.329	ng	95
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	120449	38.193	ng	99

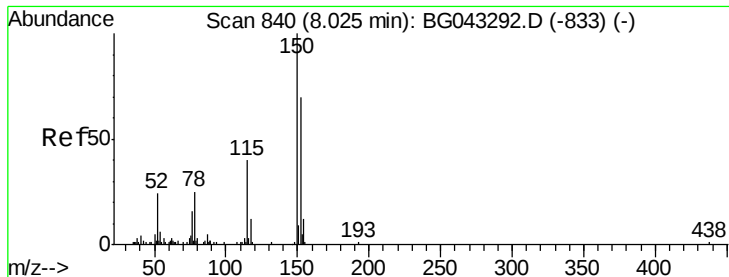
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	155922	94.118	nq	99
43) 2,4,6-Trichlorophenol	13.09	196	78935	42.501	nq	99
44) 2,4,5-Trichlorophenol	13.17	196	86200	45.908	nq	99
46) 1,1'-Biphenyl	13.48	154	251552	38.803	nq	99
47) 2-Chloronaphthalene	13.53	162	196500	39.837	nq	98
48) 2-Nitroaniline	13.73	65	62907	42.671	nq	94
49) Acenaphthylene	14.37	152	325613	42.415	nq	97
50) Dimethylphthalate	14.10	163	269745	40.867	nq	100
51) 2,6-Dinitrotoluene	14.22	165	60403	42.123	nq	99
52) Acenaphthene	14.72	154	193813	41.399	nq	98
53) 3-Nitroaniline	14.56	138	38186	27.582	nq	91
54) 2,4-Dinitrophenol	14.76	184	58736	66.906	nq	90
55) Dibenzofuran	15.05	168	315195	41.517	nq	97
56) 4-Nitrophenol	14.88	139	84788	91.389	nq	96
57) 2,4-Dinitrotoluene	15.01	165	87306	42.603	nq	96
58) Fluorene	15.70	166	263917	41.448	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.28	232	89102	44.665	nq	# 99
60) Diethylphthalate	15.46	149	269853	40.689	nq	97
61) 4-Chlorophenyl-phenylether	15.69	204	149871	40.346	nq	98
62) 4-Nitroaniline	15.72	138	58960	41.237	nq	98
63) Azobenzene	15.98	77	228337	42.540	nq	98
65) 4,6-Dinitro-2-methylphenol	15.77	198	50348	41.183	nq	97
66) n-Nitrosodiphenylamine	15.90	169	239822	40.890	nq	99
67) 4-Bromophenyl-phenylether	16.58	248	108162	38.689	nq	98
68) Hexachlorobenzene	16.71	284	122171	38.070	nq	97
69) Atrazine	16.85	200	105904	51.966	nq	95
70) Pentachlorophenol	17.05	266	131920	90.216	nq	94
71) Phenanthrene	17.44	178	438984	41.266	nq	99
72) Anthracene	17.53	178	452046	42.472	nq	100
73) Carbazole	17.80	167	426565	44.257	nq	99
74) Di-n-butylphthalate	18.35	149	505370	43.214	nq	99
75) Fluoranthene	19.45	202	622895	44.915	nq	99
77) Benzidine	19.63	184	346848	66.676	nq	98
78) Pyrene	19.81	202	633966	39.624	nq	98
80) Butylbenzylphthalate	20.69	149	241798	39.890	nq	98
81) Benzo(a)anthracene	21.64	228	681497	42.091	nq	99
82) 3,3'-Dichlorobenzidine	21.56	252	183102	29.239	nq	100
83) Chrysene	21.71	228	665188	41.350	nq	99
84) Bis(2-ethylhexyl)phthalate	21.55	149	355123	41.243	nq	100
85) Di-n-octyl phthalate	22.75	149	614481	42.063	nq	100
86) Indeno(1,2,3-cd)pyrene	28.50	276	841533	41.674	nq	99
88) Benzo(b)fluoranthene	23.85	252	695369	40.649	nq	98
89) Benzo(k)fluoranthene	23.91	252	742012	43.086	nq	99
90) Benzo(a)pyrene	24.71	252	665372	40.731	nq	98
91) Dibenzo(a,h)anthracene	28.56	278	714165	42.741	nq	99
92) Benzo(g,h,i)perylene	29.64	276	703200	42.665	nq	98

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

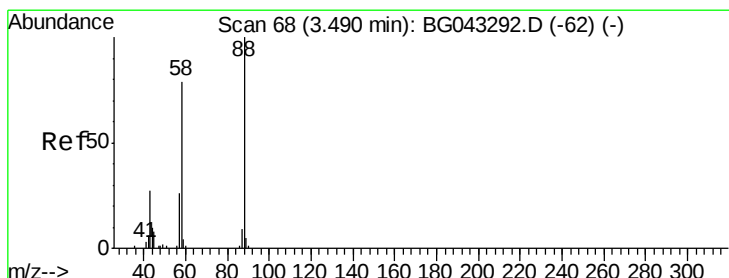
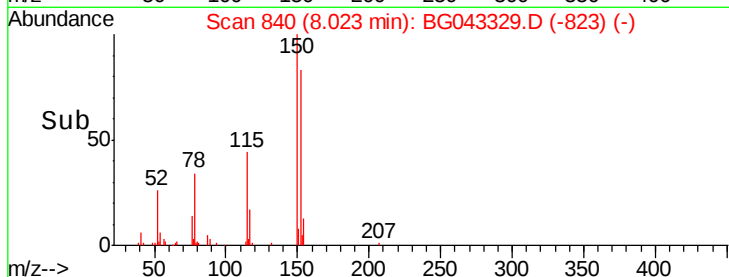
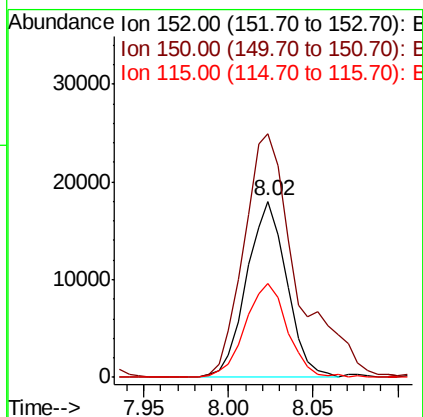
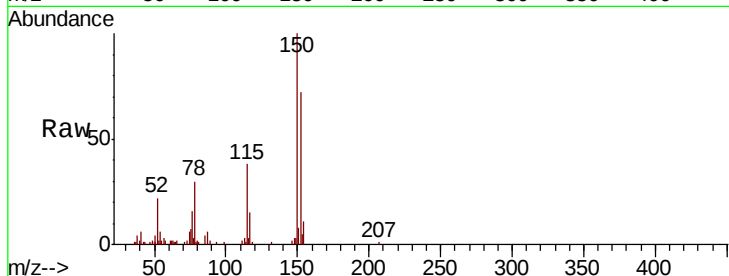


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG043329.D
Acq: 24 Oct 2019 13:42

Instrument :
BNA_G
ClientSampleId :
PB124233BS

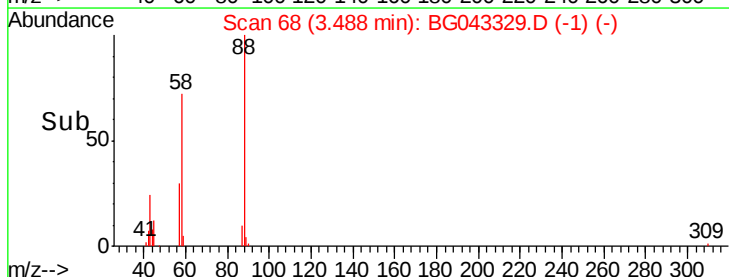
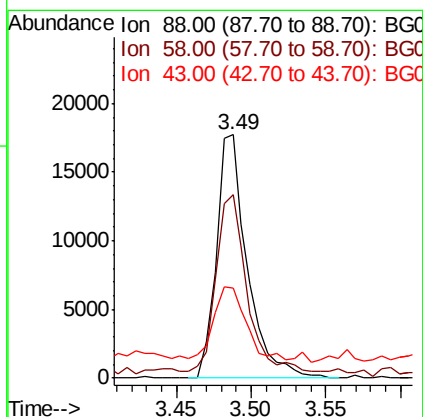
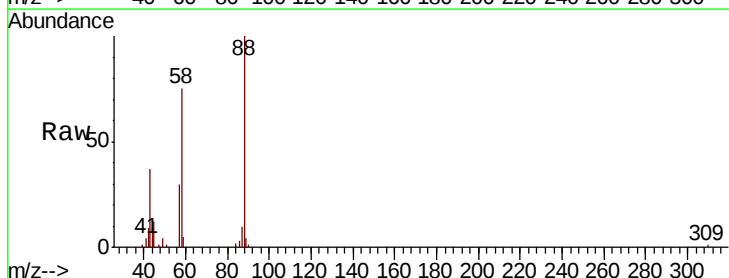
Tot Ion:152 Resp: 29684
Ion Ratio Lower Upper
152 100
150 138.2 113.6 170.4
115 52.9 45.9 68.9



#2

1,4-Dioxane
Concen: 40.566 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.00 min
Lab File: BG043329.D
Acq: 24 Oct 2019 13:42

Tgt Ion: 88 Resp: 25608
Ion Ratio Lower Upper
88 100
58 73.1 60.2 90.2
43 29.9 22.7 34.1





#3

Pvridine

Concen: 35.229 ng

RT: 3.89 min Scan# 136

Delta R.T. -0.01 min

Lab File: BG043329.D

Acq: 24 Oct 2019 13:42

Instrument :

BNA_G

ClientSampleId :

PB124233BS

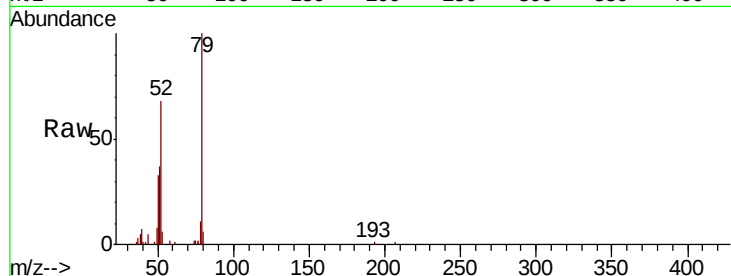
Tot Ion: 79 Resp: 56098

Ion Ratio Lower Upper

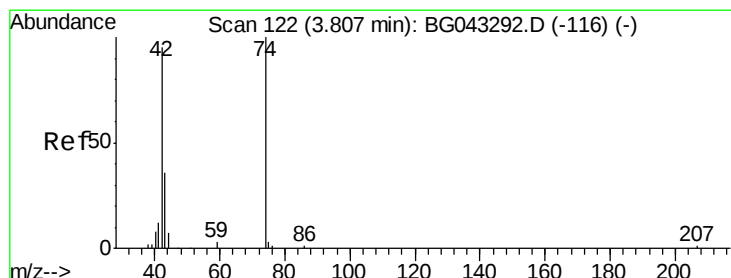
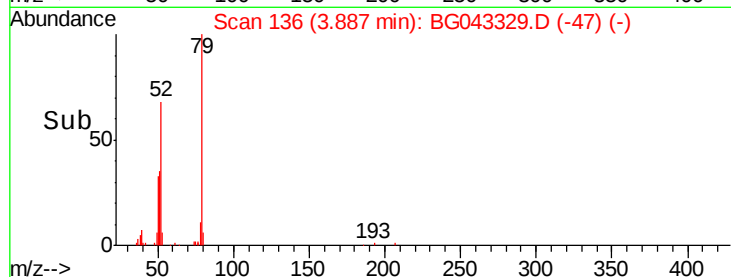
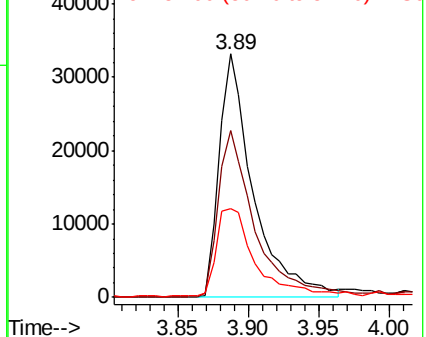
79 100

52 68.3 59.7 89.5

51 36.5 31.8 47.6



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



#4

n-Nitrosodimethylamine

Concen: 41.421 ng

RT: 3.80 min Scan# 121

Delta R.T. -0.01 min

Lab File: BG043329.D

Acq: 24 Oct 2019 13:42

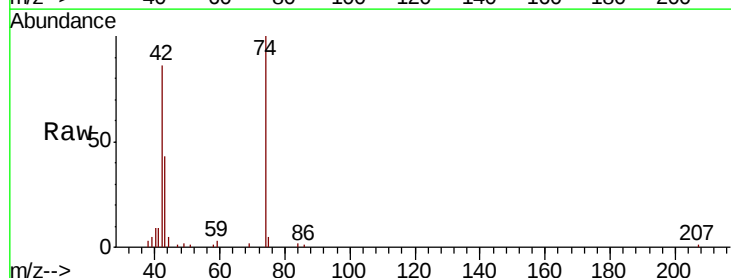
Tgt Ion: 42 Resp: 33283

Ion Ratio Lower Upper

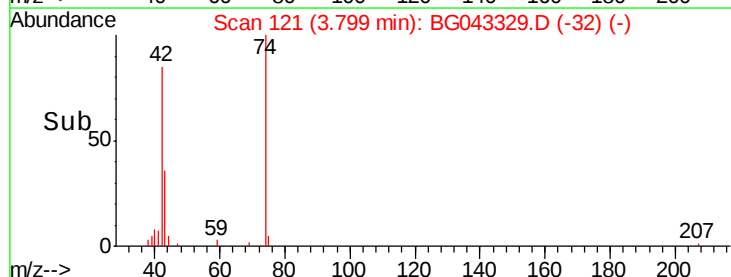
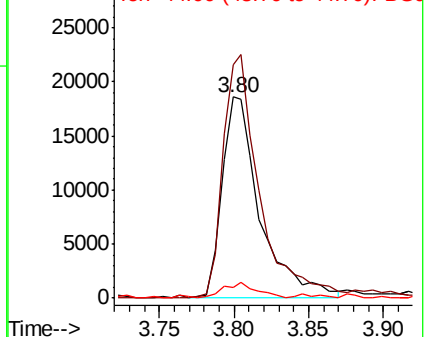
42 100

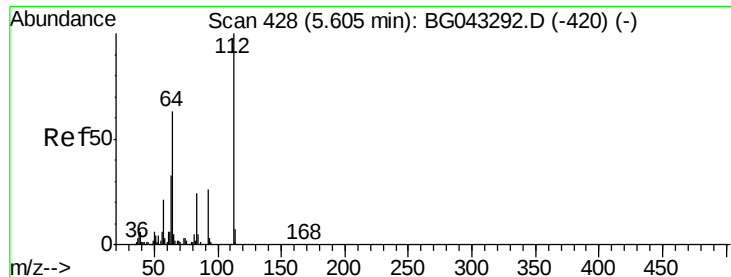
74 116.2 84.2 126.2

44 5.4 6.0 9.0#



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: 121.368 ng

RT: 5.60 min Scan# 428

Delta R.T. -0.00 min

Lab File: BG043329.D

Acq: 24 Oct 2019 13:42

Instrument :

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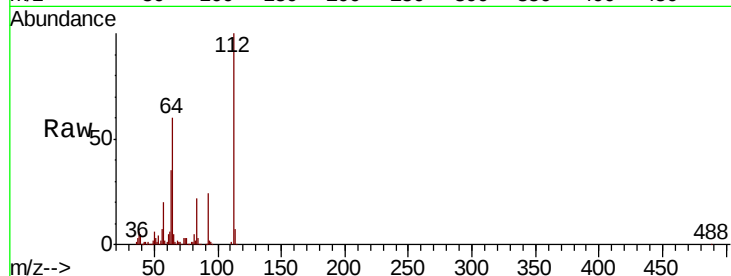
Tot Ion:112 Resp: 196605

Ion Ratio Lower Upper

112 100

64 60.4 50.2 75.2

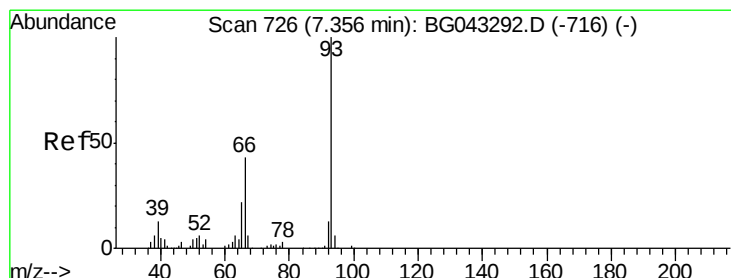
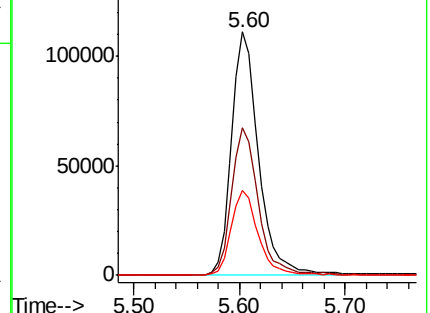
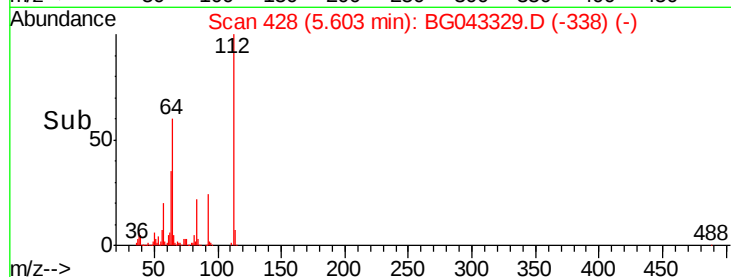
63 35.1 26.7 40.1



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: 33.462 ng

RT: 7.35 min Scan# 726

Delta R.T. -0.00 min

Lab File: BG043329.D

Acq: 24 Oct 2019 13:42

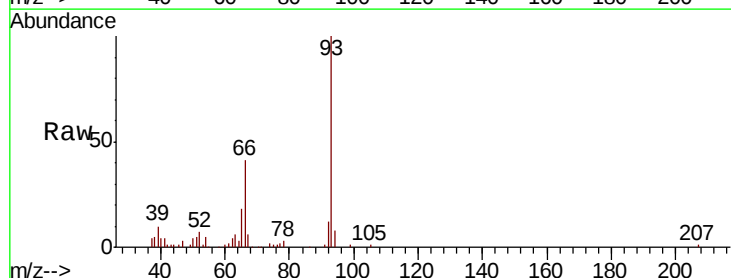
Tgt Ion: 93 Resp: 89841

Ion Ratio Lower Upper

93 100

66 41.2 34.5 51.7

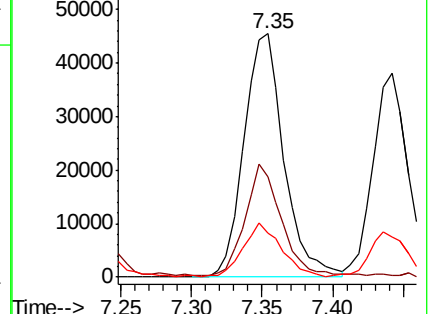
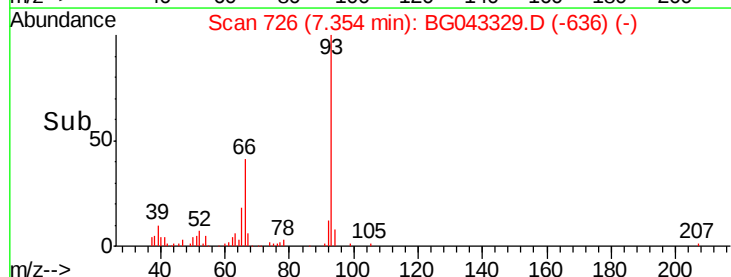
65 18.2 18.0 27.0

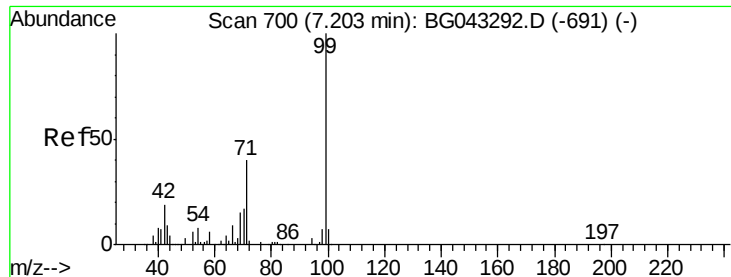


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 113.742 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG043329.D

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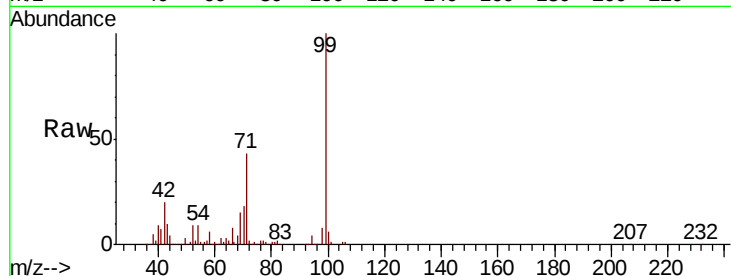
Tot Ion: 99 Resp: 265095

Ion Ratio Lower Upper

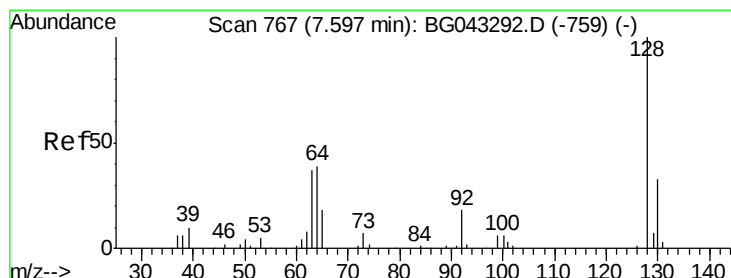
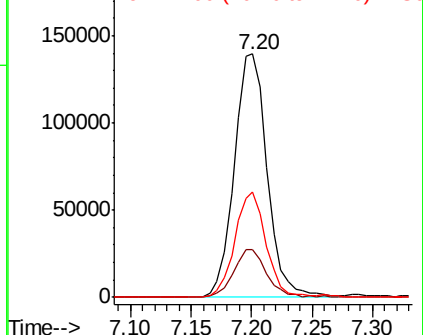
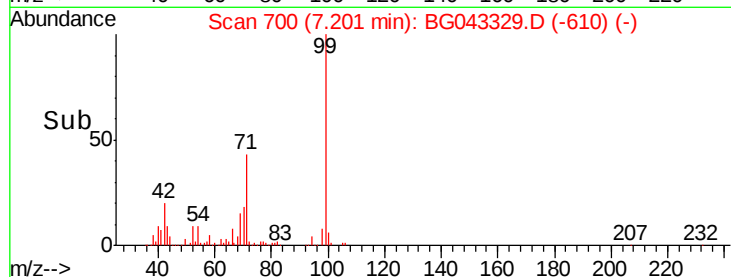
99 100

42 19.6 14.9 22.3

71 43.4 32.2 48.2



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: 44.328 ng

RT: 7.59 min Scan# 767

Delta R.T. -0.00 min

Lab File: BG043329.D

Acq: 24 Oct 2019 13:42

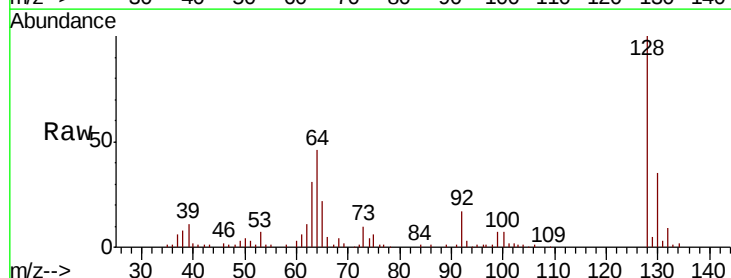
Tgt Ion: 128 Resp: 79267

Ion Ratio Lower Upper

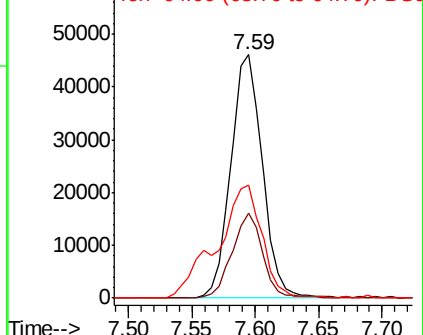
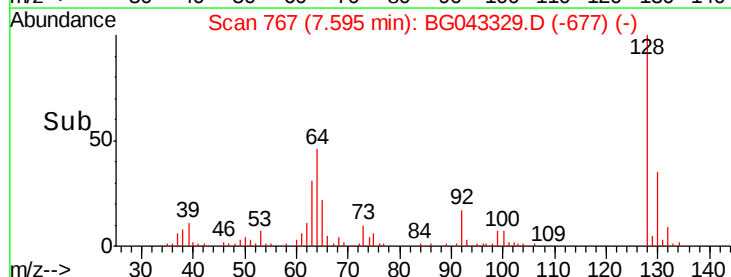
128 100

130 34.8 12.9 52.9

64 46.5 24.9 64.9



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





#9

Benzaldehyde

Concen: 40.795 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG043329.D

Acq: 24 Oct 2019 13:42

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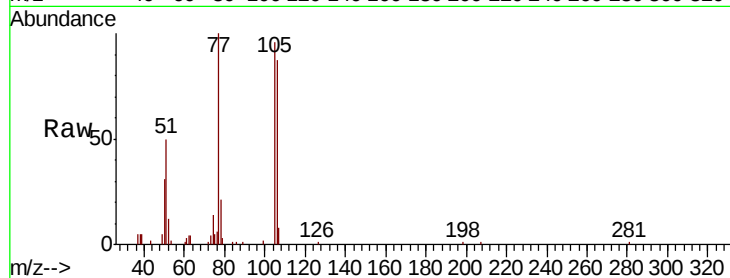
Tot Ion: 77 Resp: 46726

Ion Ratio Lower Upper

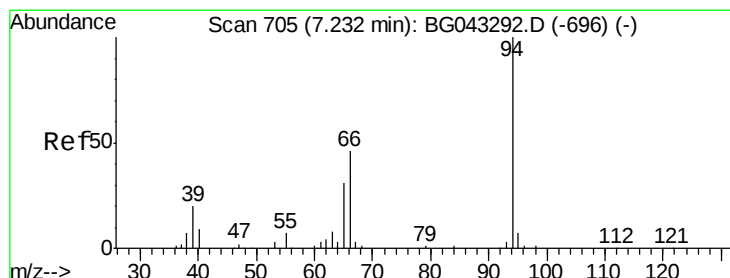
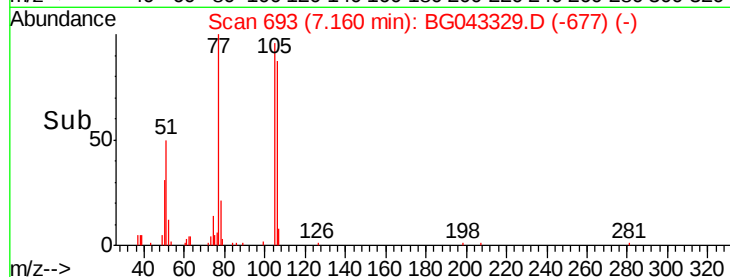
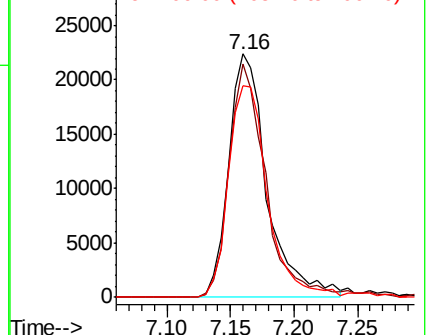
77 100

105 95.7 68.7 108.7

106 87.1 60.5 100.5



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



#10

Phenol

Concen: 45.194 ng

RT: 7.22 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG043329.D

Acq: 24 Oct 2019 13:42

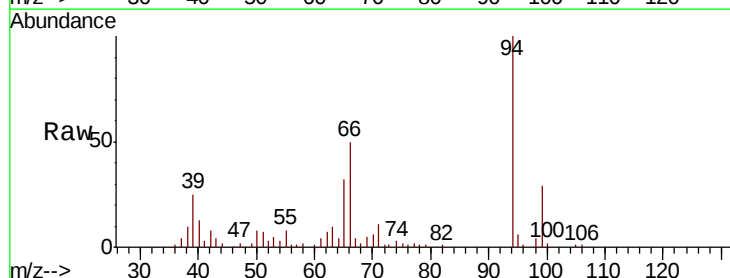
Tgt Ion: 94 Resp: 96253

Ion Ratio Lower Upper

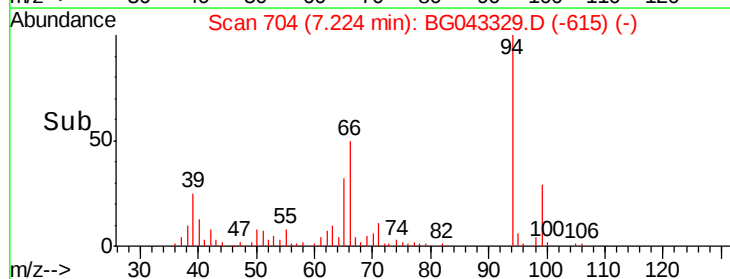
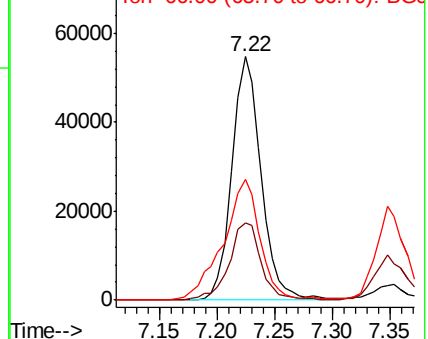
94 100

65 32.0 11.1 51.1

66 49.7 27.8 67.8



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

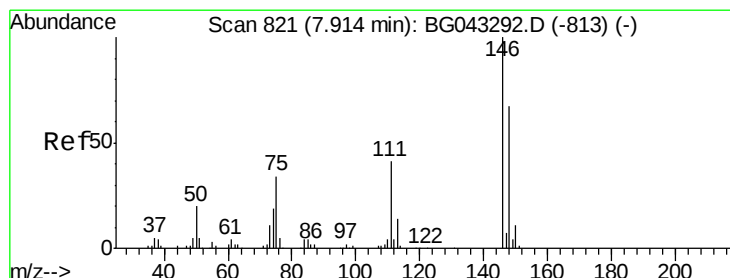
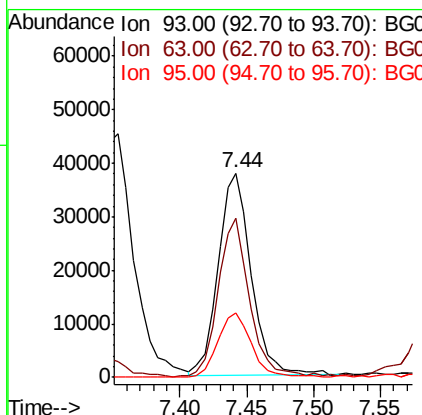
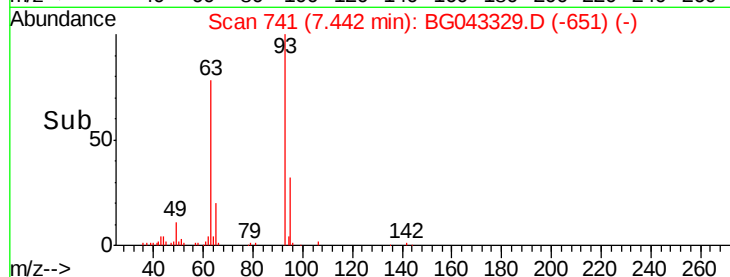
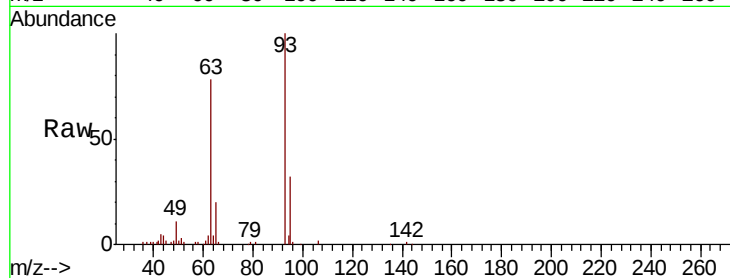




#11
 bis(2-Chloroethyl)ether
 Concen: 39.459 ng
 RT: 7.44 min Scan# 741
 Delta R.T. -0.00 min
 Lab File: BG043329.D
 Acq: 24 Oct 2019 13:42

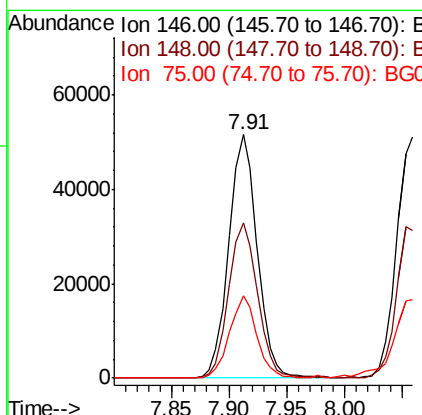
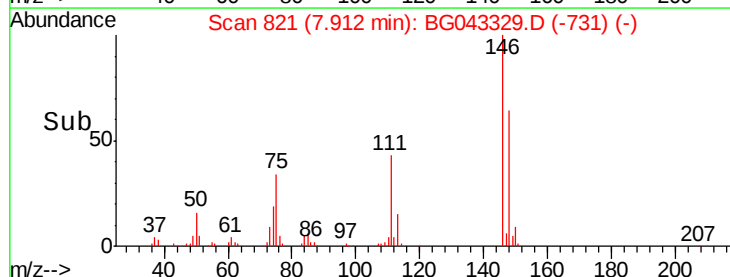
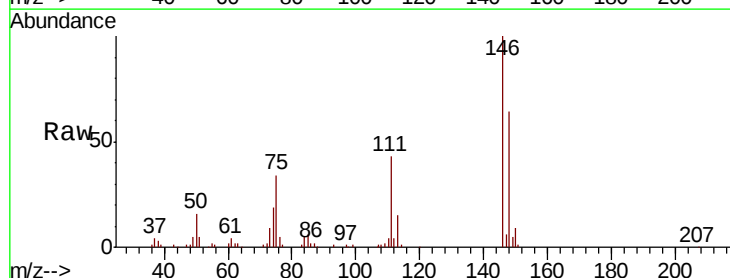
Instrument :
 BNA_G
 ClientSampleId :
 PB124233BS

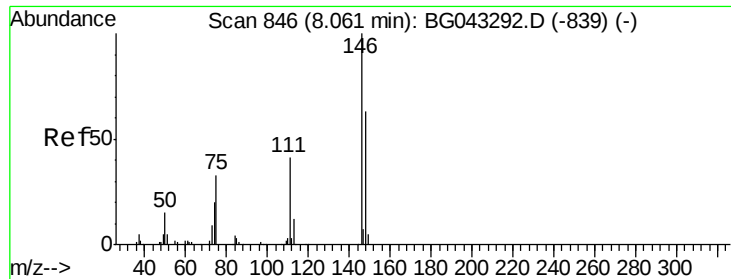
Tot Ion: 93 Resp: 64973
 Ion Ratio Lower Upper
 93 100
 63 78.2 54.6 94.6
 95 31.8 9.7 49.7



#12
 1,3-Dichlorobenzene
 Concen: 39.425 ng
 RT: 7.91 min Scan# 821
 Delta R.T. -0.00 min
 Lab File: BG043329.D
 Acq: 24 Oct 2019 13:42

Tgt Ion: 146 Resp: 88329
 Ion Ratio Lower Upper
 146 100
 148 64.0 53.4 80.2
 75 33.7 27.0 40.4

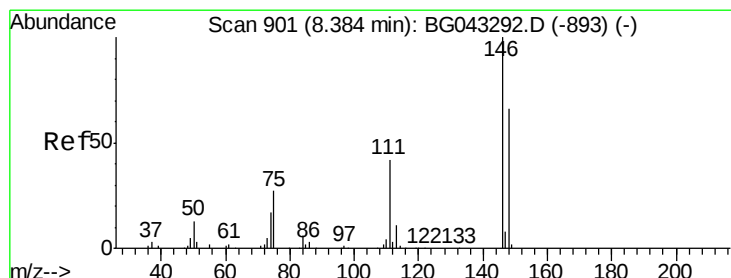
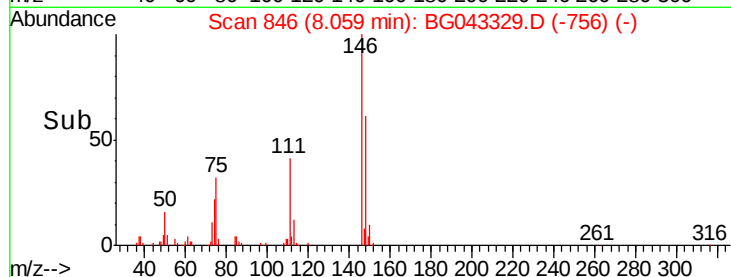
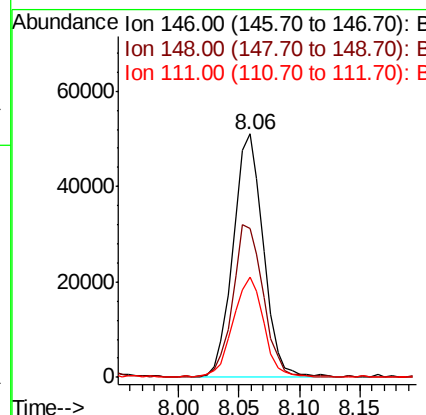
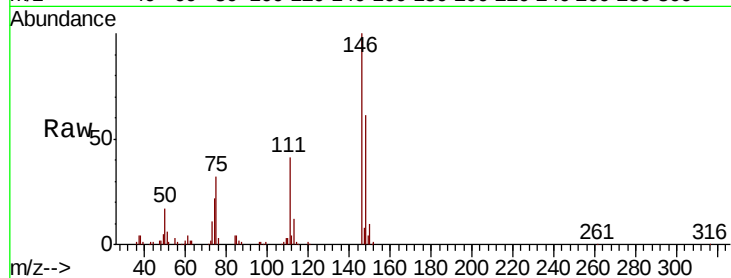




#13
 1,4-Dichlorobenzene
 Concen: 38.921 ng
 RT: 8.06 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: BG043329.D
 Acq: 24 Oct 2019 13:42

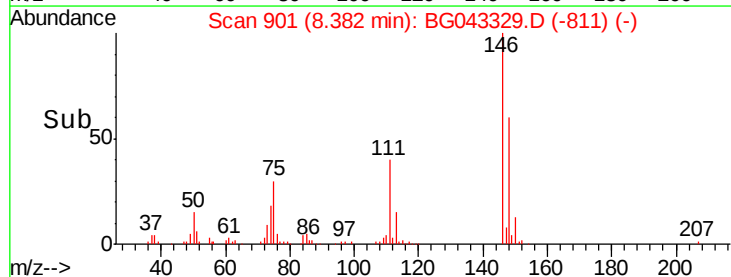
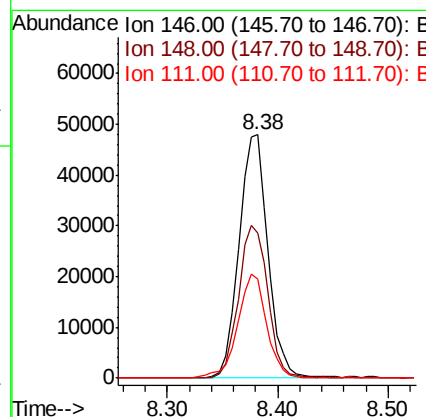
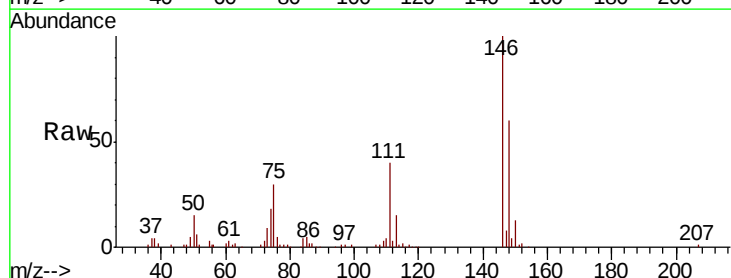
Instrument :
 BNA_G
 ClientSampleId :
 PB124233BS

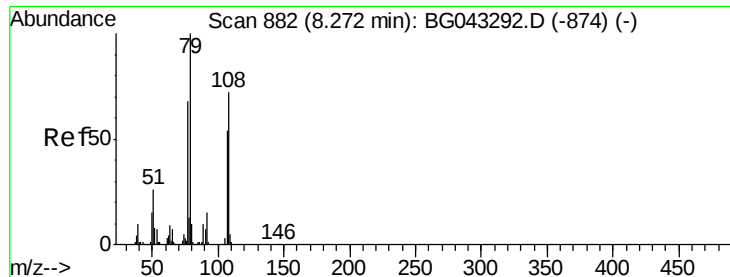
Tot Ion:146 Resp: 88226
 Ion Ratio Lower Upper
 146 100
 148 61.1 50.7 76.1
 111 41.3 33.0 49.6



#14
 1,2-Dichlorobenzene
 Concen: 39.954 ng
 RT: 8.38 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: BG043329.D
 Acq: 24 Oct 2019 13:42

Tgt Ion:146 Resp: 88430
 Ion Ratio Lower Upper
 146 100
 148 59.6 53.0 79.4
 111 40.4 34.5 51.7





#15

Benzyl Alcohol

Concen: 41.880 ng

RT: 8.26 min Scan# 881

Delta R.T. -0.01 min

Lab File: BG043329.D

Acq: 24 Oct 2019 13:42

Instrument :

BNA_G

ClientSampleId :

PB124233BS

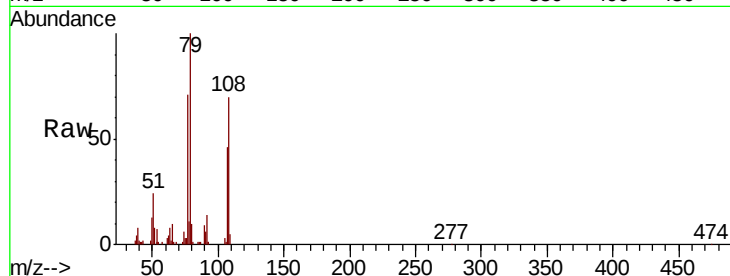
Tot Ion: 79 Resp: 68551

Ion Ratio Lower Upper

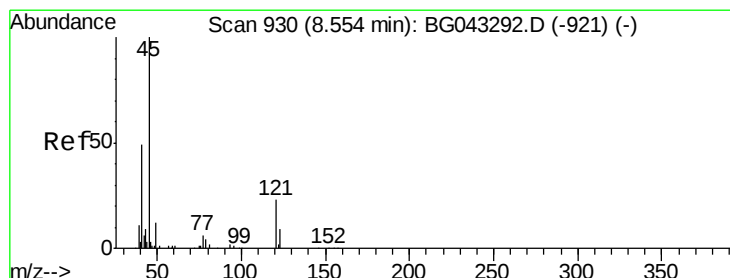
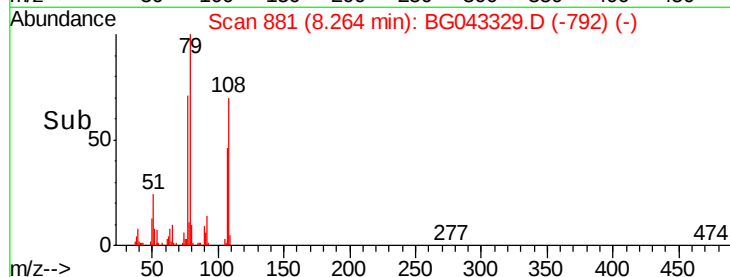
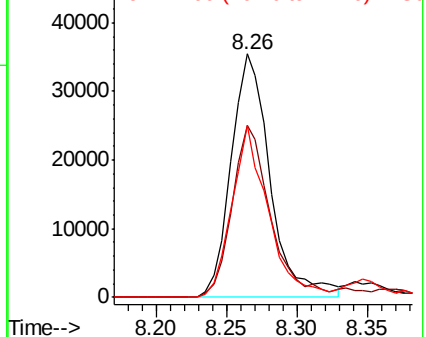
79 100

108 70.4 57.3 85.9

77 70.7 54.6 81.8



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: 38.500 ng

RT: 8.54 min Scan# 928

Delta R.T. -0.01 min

Lab File: BG043329.D

Acq: 24 Oct 2019 13:42

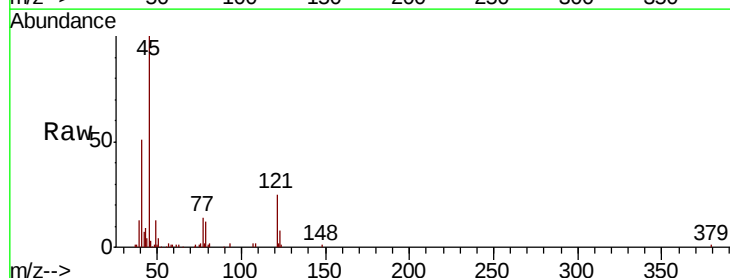
Tgt Ion: 45 Resp: 92181

Ion Ratio Lower Upper

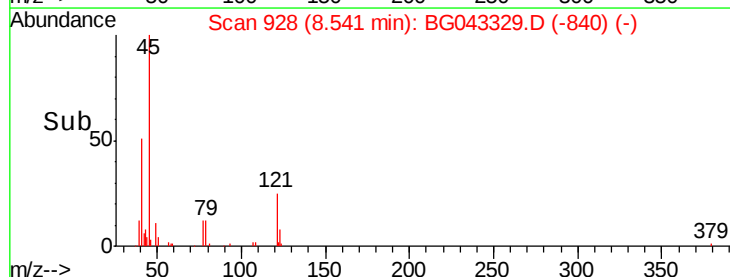
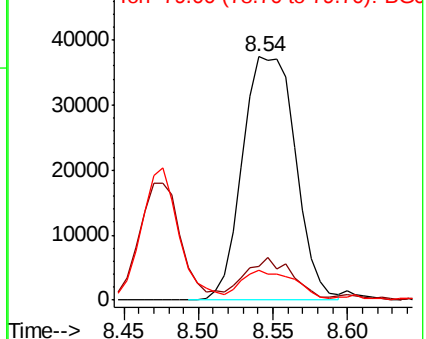
45 100

77 13.8 0.0 34.2

79 12.4 0.0 32.3



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

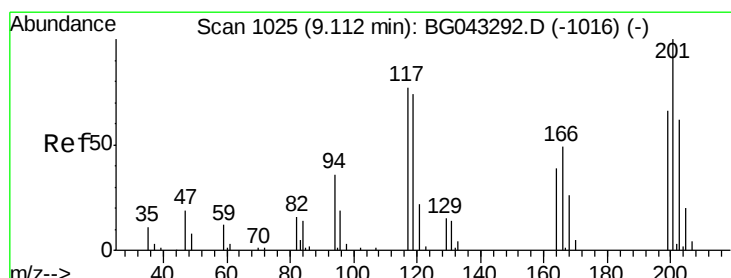
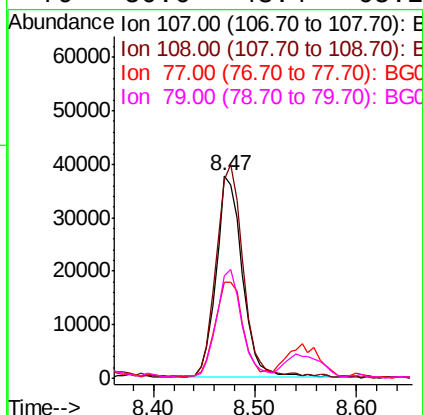
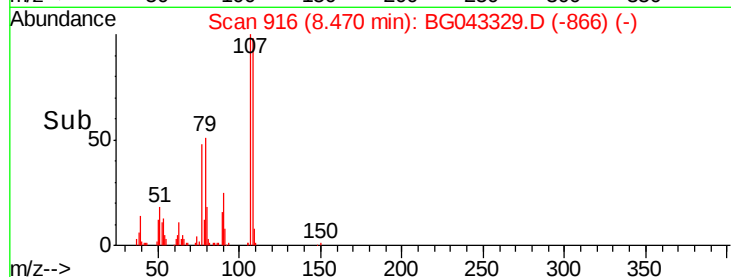
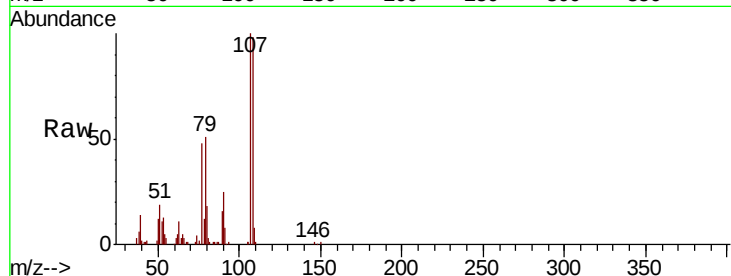




#17
2-Methylphenol
Concen: 43.509 ng
RT: 8.47 min Scan# 916
Delta R.T. -0.01 min
Lab File: BG043329.D
Acq: 24 Oct 2019 13:42

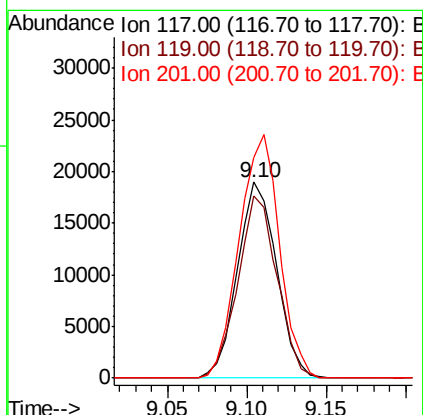
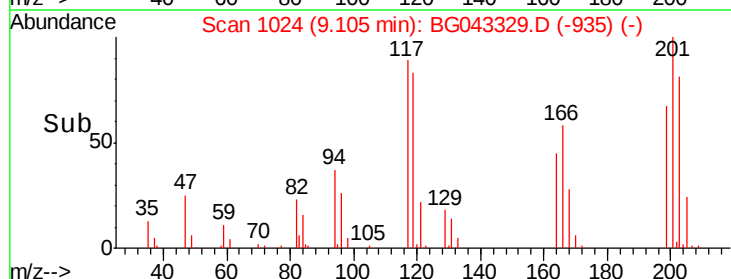
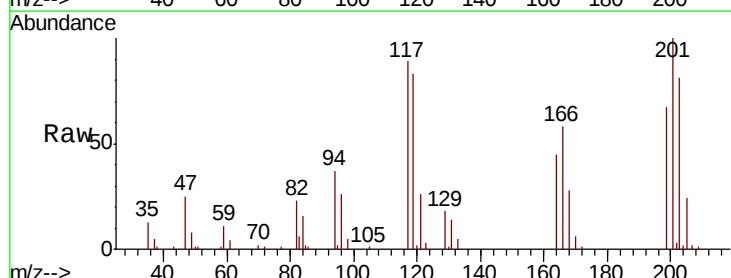
Instrument :
BNA_G
ClientSampleId :
PB124233BS

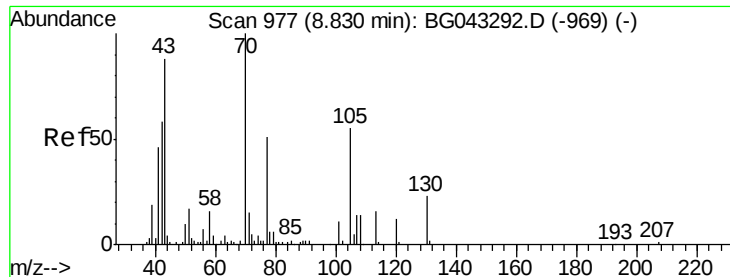
Tot Ion:	107	Resp:	67551
Ion	Ratio	Lower	Upper
107	100		
108	97.8	91.3	136.9
77	47.6	43.0	64.6
79	50.6	43.4	65.2



#18
Hexachloroethane
Concen: 39.821 ng
RT: 9.10 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BG043329.D
Acq: 24 Oct 2019 13:42

Tgt Ion:	117	Resp:	32567
Ion	Ratio	Lower	Upper
117	100		
119	92.7	77.3	115.9
201	112.3	104.2	156.4

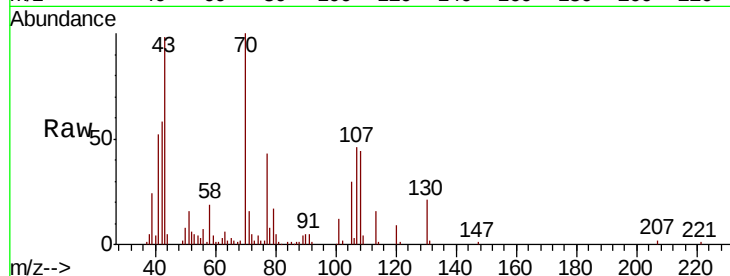




#19
n-Nitroso-di-n-propylamine
Concen: 39.079 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG043329.D
Acq: 24 Oct 2019 13:42

Instrument :
BNA_G
ClientSampleId :
PB124233BS

Tot Ion:	70	Resp:	58855
Ion	Ratio	Lower	Upper
70	100		
42	58.3	46.2	69.2
101	11.9	8.6	13.0
130	21.4	18.6	27.8



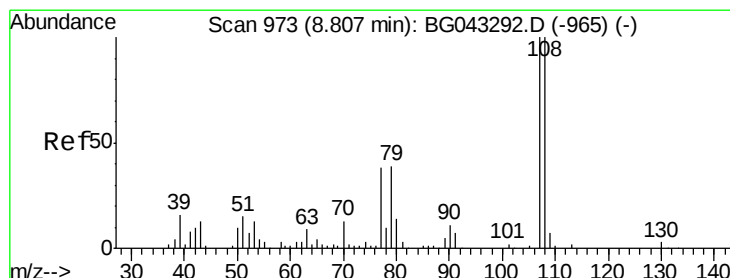
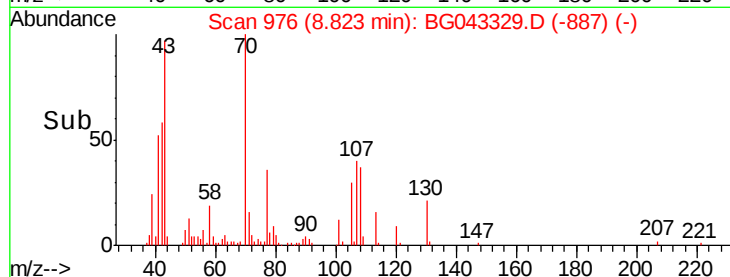
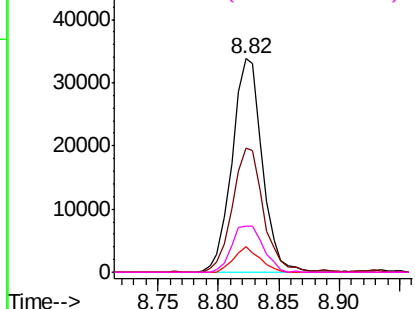
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

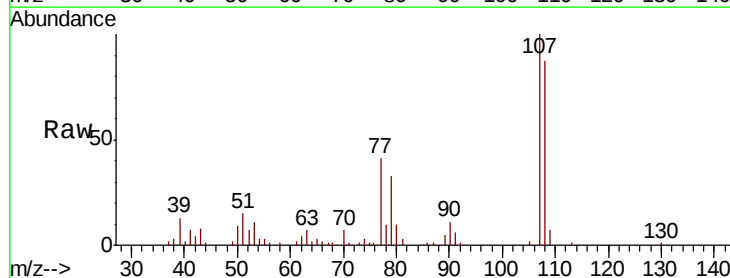
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 41.480 ng
RT: 8.80 min Scan# 972
Delta R.T. -0.01 min
Lab File: BG043329.D
Acq: 24 Oct 2019 13:42

Tgt Ion:	107	Resp:	88310
Ion	Ratio	Lower	Upper
107	100		
108	87.2	80.3	120.3
77	40.8	18.2	58.2
79	33.1	18.8	58.8



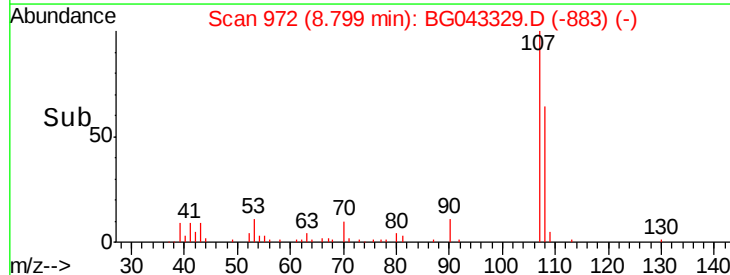
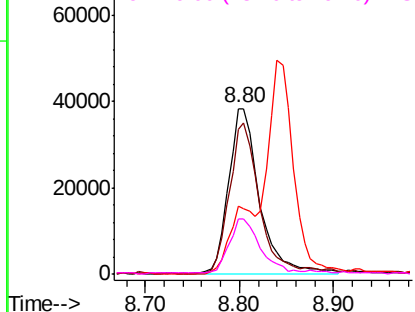
Abundance

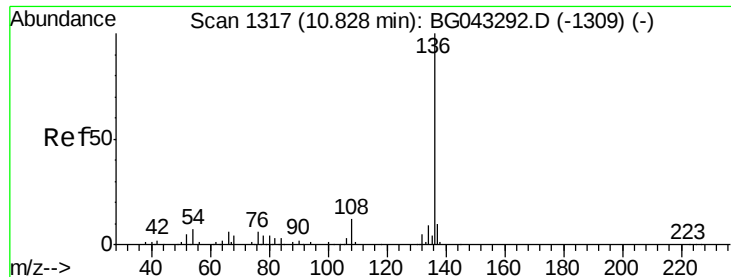
Ion 107.00 (106.70 to 107.70): BGC

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

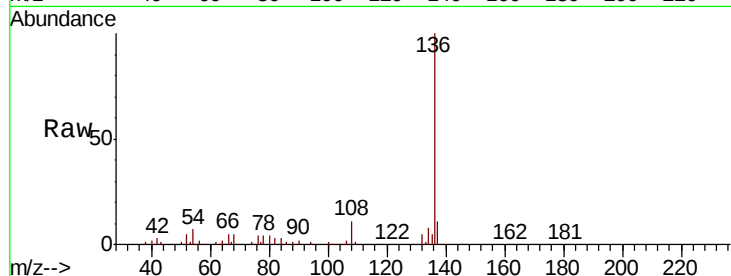




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BG043329.D
Acq: 24 Oct 2019 13:42

Instrument :
BNA_G
ClientSampleId :
PB124233BS

Tot Ion:136	Resp:	114859	
Ion Ratio	Lower	Upper	
136 100			
137 10.6	8.2	12.2	
54 7.5	5.4	8.2	
68 4.7	3.3	4.9	



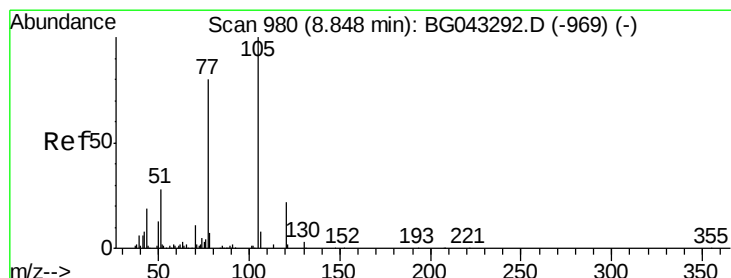
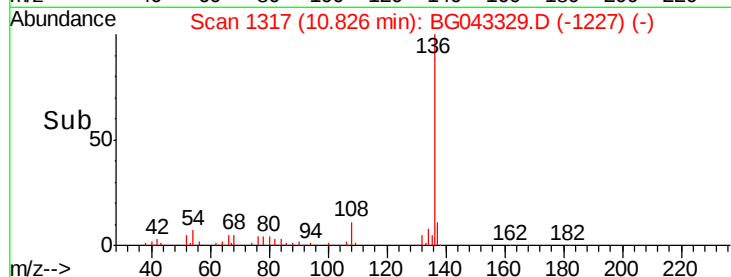
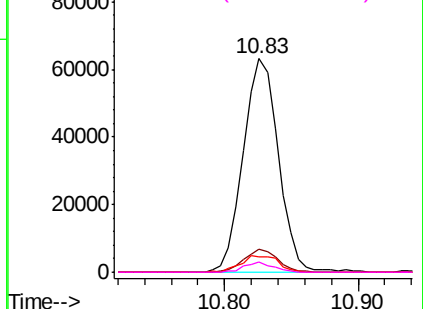
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

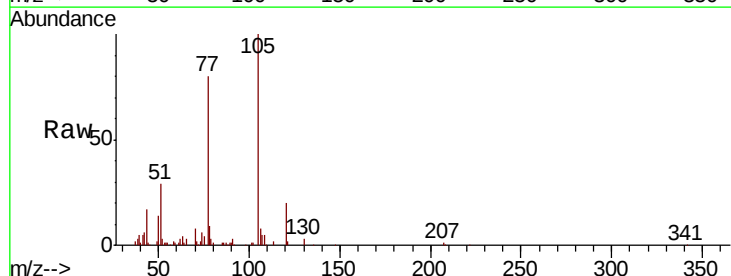
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 39.493 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.00 min
Lab File: BG043329.D
Acq: 24 Oct 2019 13:42

Tgt Ion:105	Resp:	116166
Ion Ratio	Lower	Upper
105 100		
71 1.9	1.5	2.3
51 28.8	23.9	35.9
120 20.1	17.3	25.9



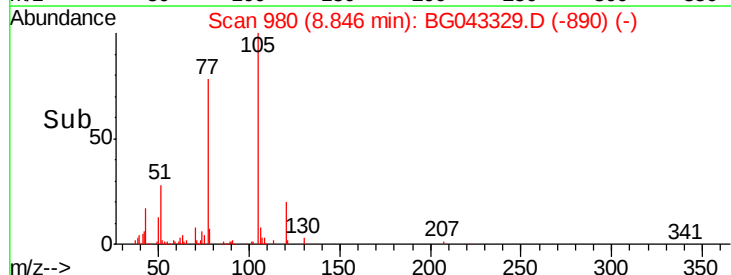
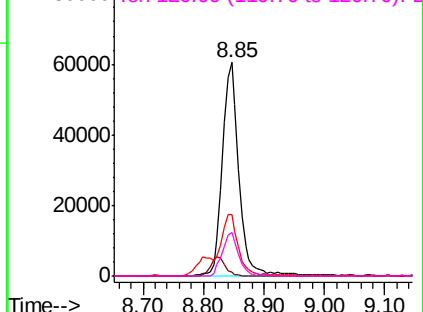
Abundance

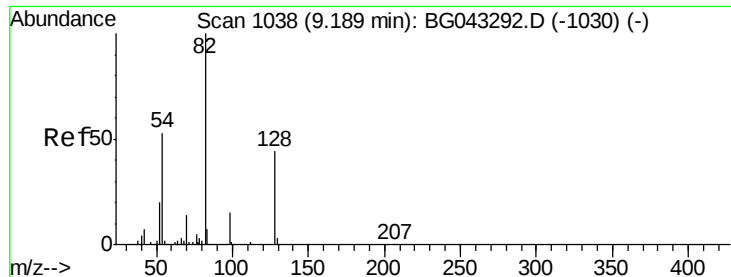
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

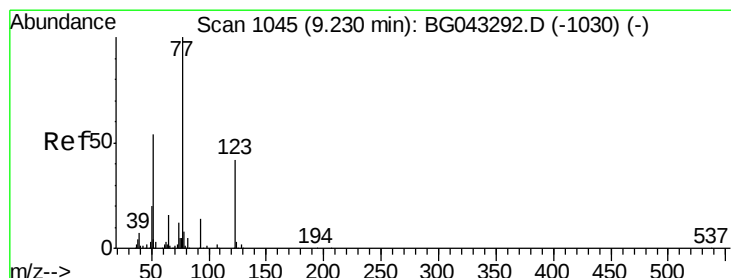
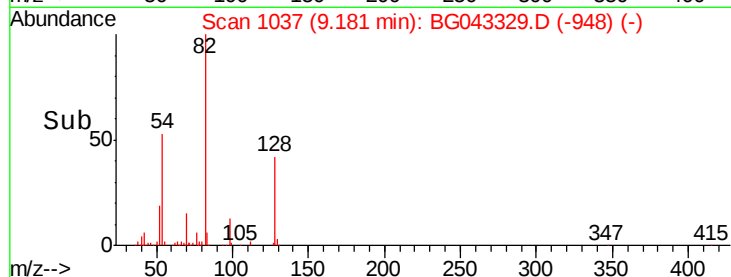
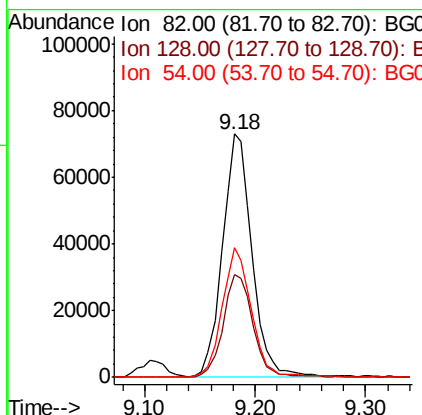
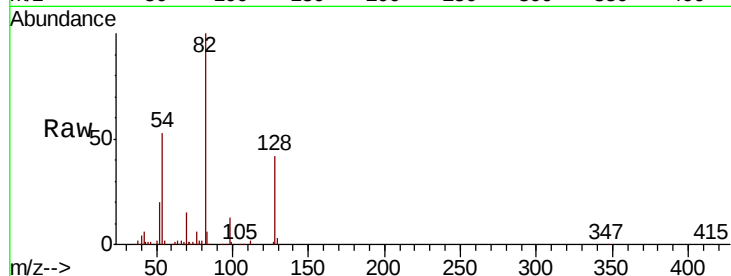




#23
 Nitrobenzene-d5
 Concen: 61.204 ng
 RT: 9.18 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BG043329.D
 Acq: 24 Oct 2019 13:42

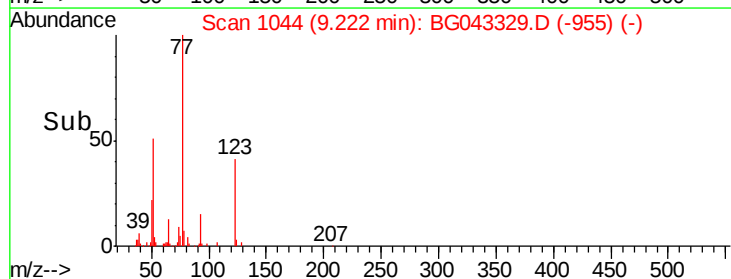
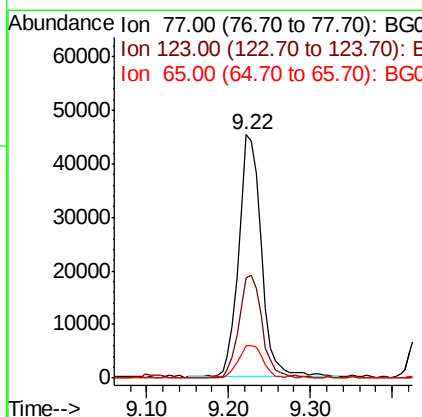
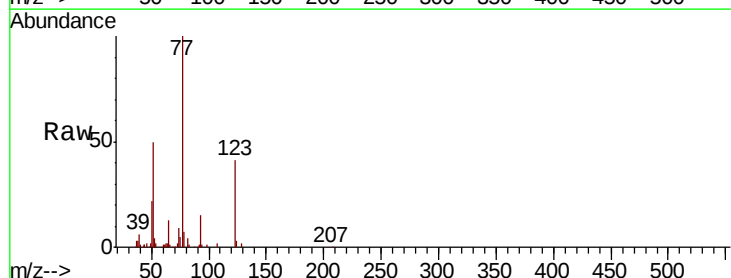
Instrument :
 BNA_G
 ClientSampleId :
 PB124233BS

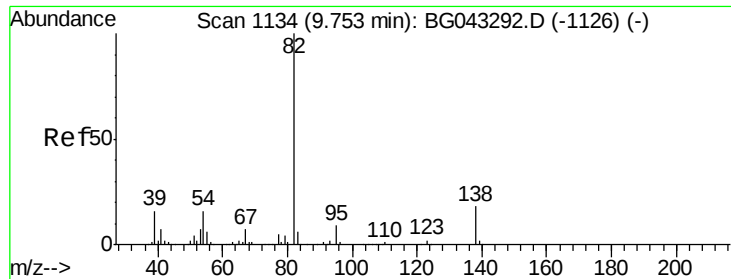
Tot Ion	82	Resp	136358
Ion Ratio	Lower	Upper	
82	100		
128	42.4	35.3	52.9
54	53.4	42.3	63.5



#24
 Nitrobenzene
 Concen: 41.349 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.01 min
 Lab File: BG043329.D
 Acq: 24 Oct 2019 13:42

Tgt Ion	77	Resp	87757
Ion Ratio	Lower	Upper	
77	100		
123	40.9	33.8	50.8
65	13.3	13.0	19.4





#25

Isophorone

Concen: 39.857 ng

RT: 9.74 min Scan# 1133

Delta R.T. -0.01 min

Lab File: BG043329.D

Acq: 24 Oct 2019 13:42

Instrument :

BNA_G

ClientSampleId :

PB124233BS

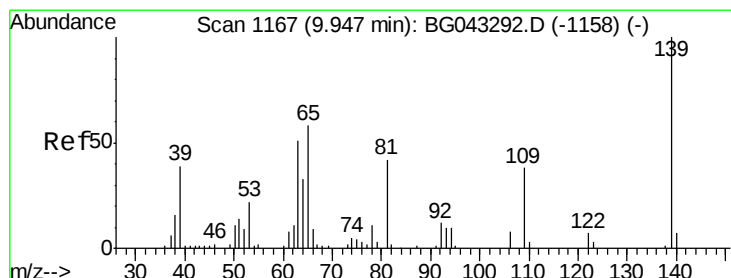
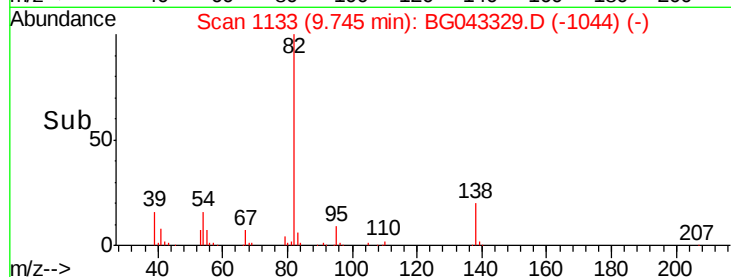
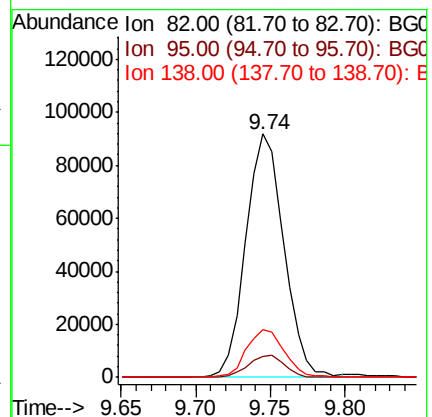
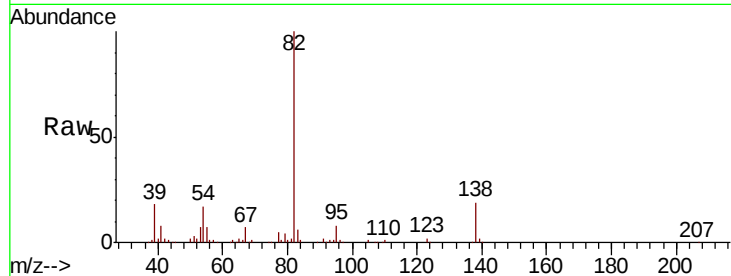
Tot Ion: 82 Resp: 162348

Ion Ratio Lower Upper

82 100

95 8.4 6.9 10.3

138 19.4 14.2 21.2



#26

2-Nitrophenol

Concen: 41.922 ng

RT: 9.94 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BG043329.D

Acq: 24 Oct 2019 13:42

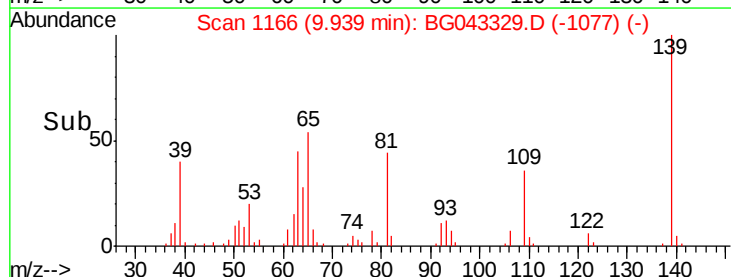
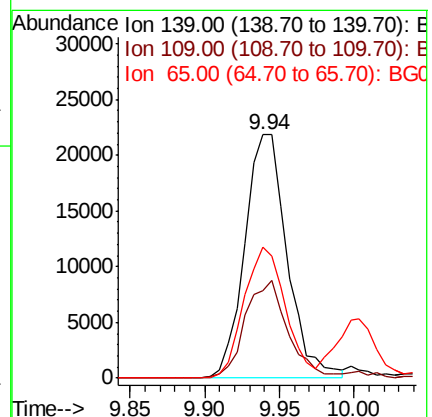
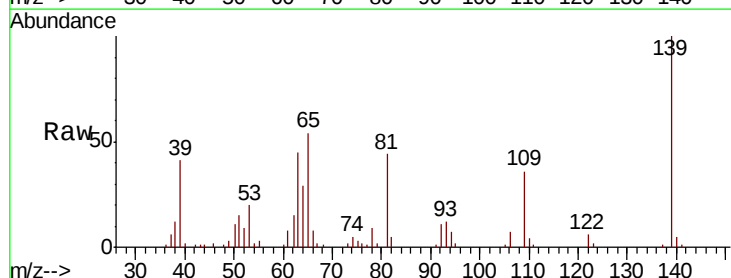
Tgt Ion: 139 Resp: 42954

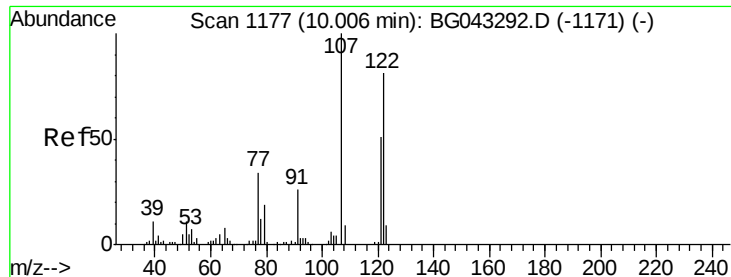
Ion Ratio Lower Upper

139 100

109 35.8 30.1 45.1

65 54.0 46.1 69.1

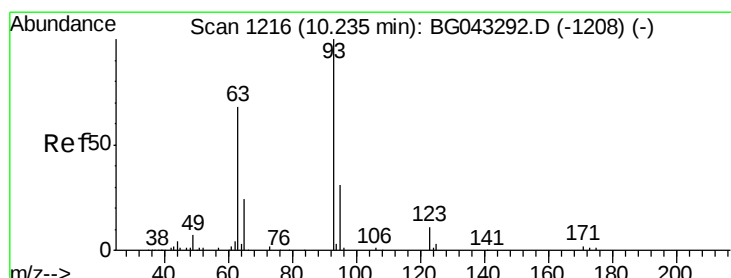
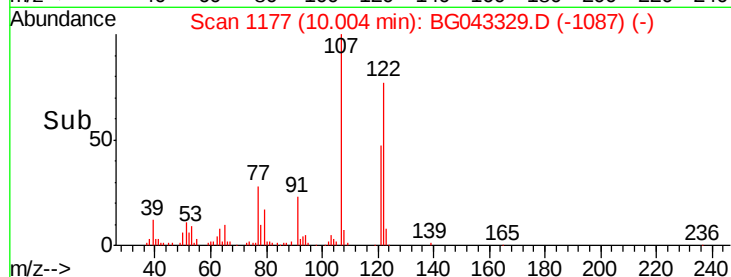
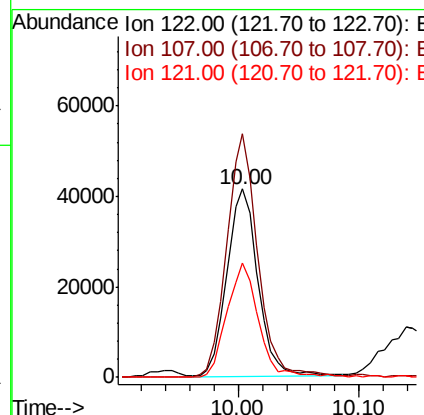
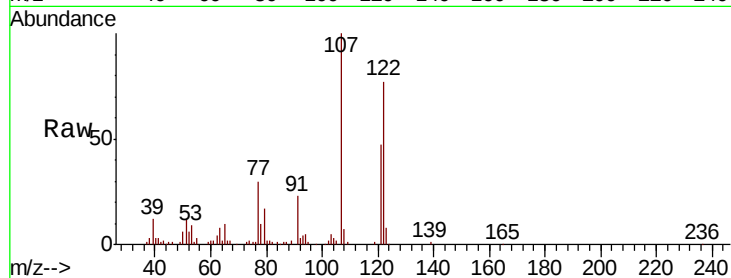




#27
 2,4-Dimethylphenol
 Concen: 50.306 ng
 RT: 10.00 min Scan# 1177
 Delta R.T. -0.00 min
 Lab File: BG043329.D
 Acq: 24 Oct 2019 13:42

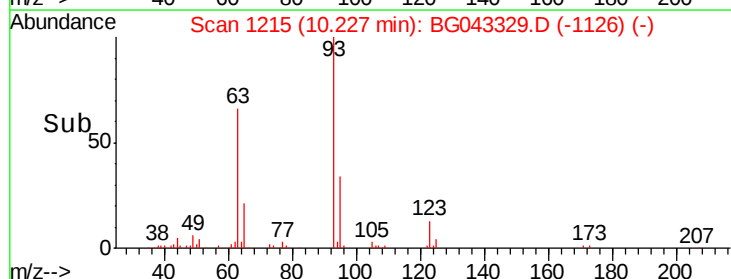
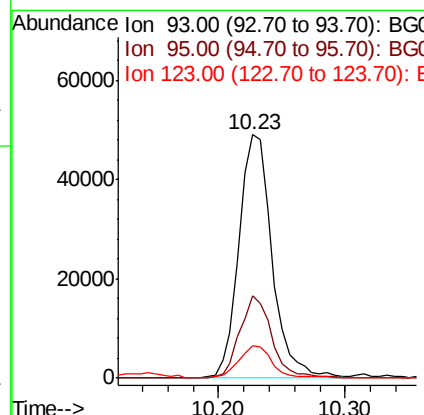
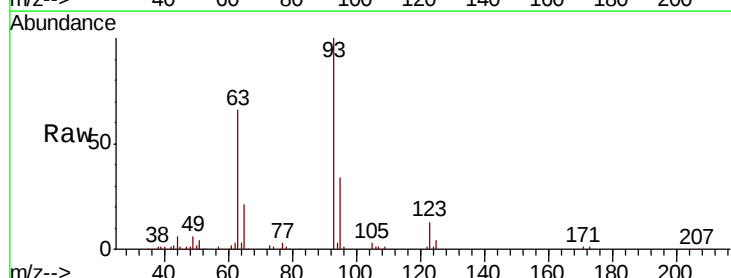
Instrument :
 BNA_G
 ClientSampleId :
 PB124233BS

Tot Ion:122 Resp: 73878
 Ion Ratio Lower Upper
 122 100
 107 129.3 98.6 147.8
 121 61.0 50.1 75.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.575 ng
 RT: 10.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BG043329.D
 Acq: 24 Oct 2019 13:42

Tgt Ion: 93 Resp: 88968
 Ion Ratio Lower Upper
 93 100
 95 33.6 24.9 37.3
 123 13.5 8.9 13.3#

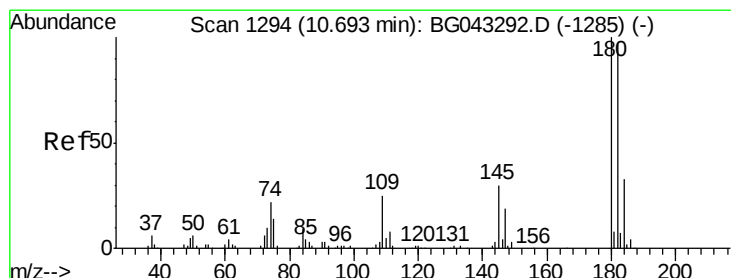
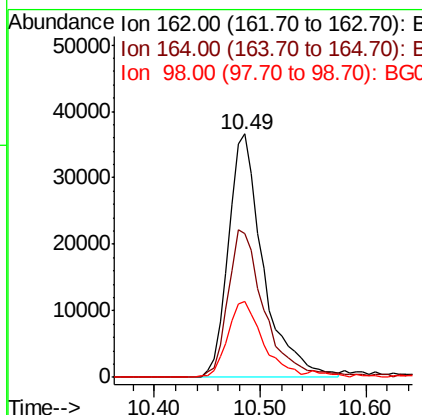
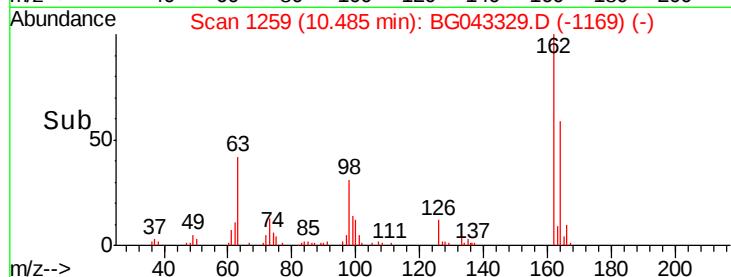
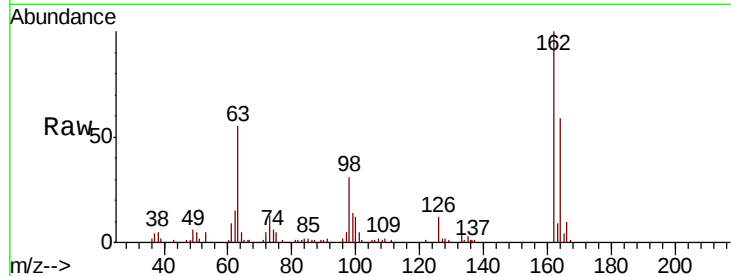




#29
 2,4-Dichlorophenol
 Concen: 44.191 ng
 RT: 10.49 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: BG043329.D
 Acq: 24 Oct 2019 13:42

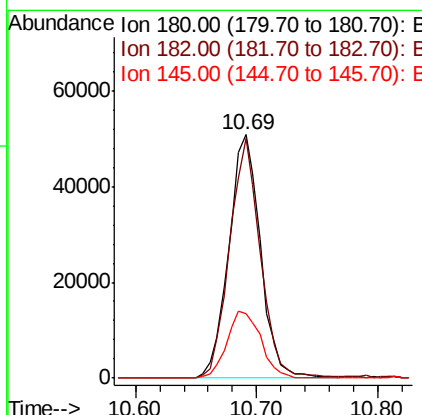
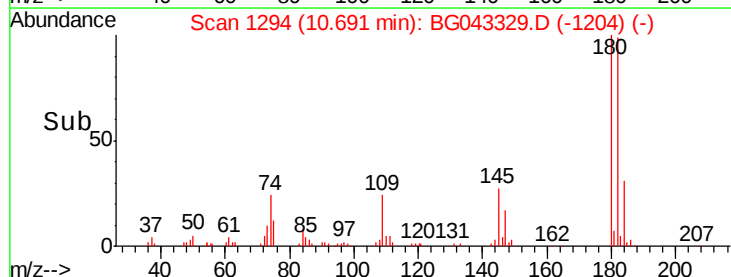
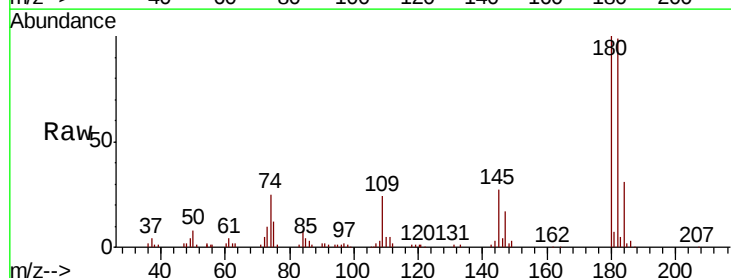
Instrument :
 BNA_G
 ClientSampleId :
 PB124233BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	59.3	37.3	77.3
98	31.2	11.8	51.8



#30
 1,2,4-Trichlorobenzene
 Concen: 39.112 ng
 RT: 10.69 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: BG043329.D
 Acq: 24 Oct 2019 13:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.6	77.8	116.8
145	26.5	23.6	35.4

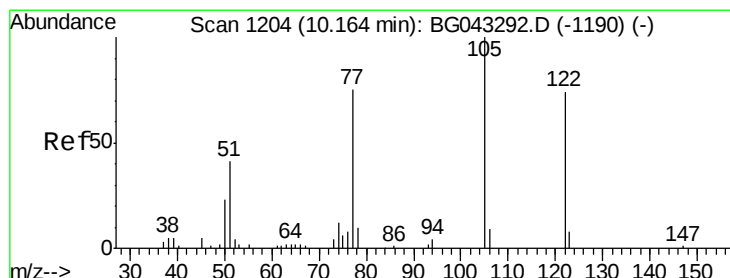
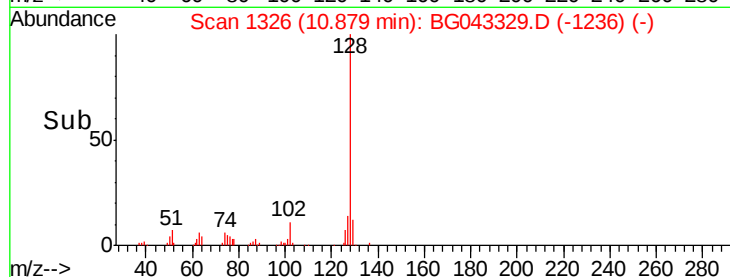
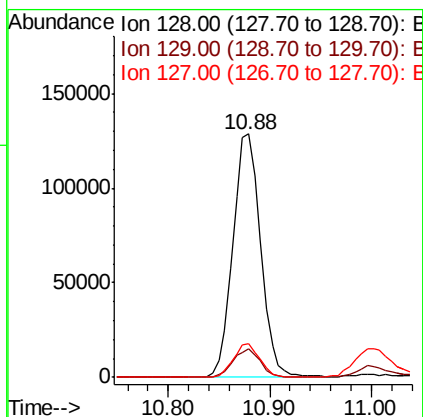
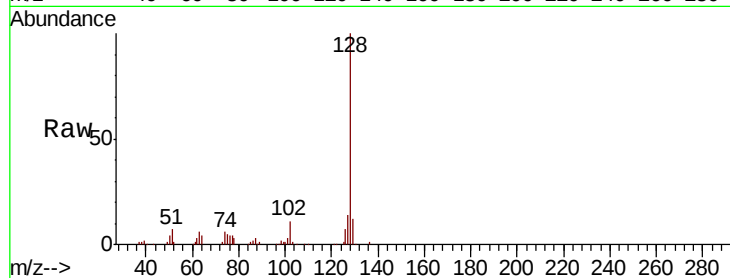




#31
Naphthalene
Concen: 41.990 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG043329.D
Acq: 24 Oct 2019 13:42

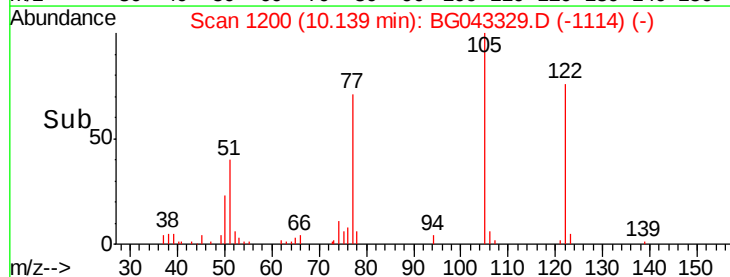
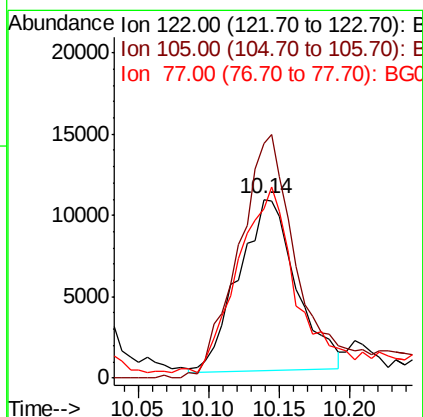
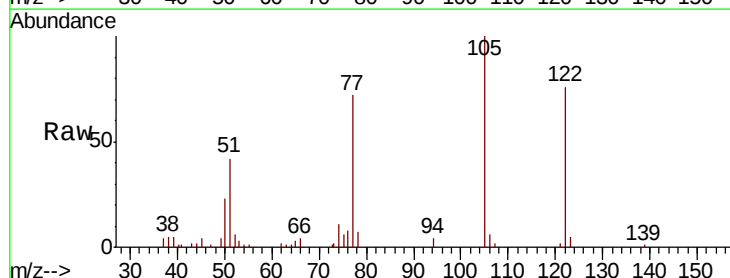
Instrument :
BNA_G
ClientSampleId :
PB124233BS

Tot Ion:128 Resp: 244809
Ion Ratio Lower Upper
128 100
129 11.8 8.6 12.8
127 14.0 11.5 17.3



#32
Benzoic acid
Concen: 30.904 ng
RT: 10.14 min Scan# 1200
Delta R.T. -0.03 min
Lab File: BG043329.D
Acq: 24 Oct 2019 13:42

Tgt Ion:122 Resp: 30201
Ion Ratio Lower Upper
122 100
105 130.9 112.4 152.4
77 94.9 82.7 122.7

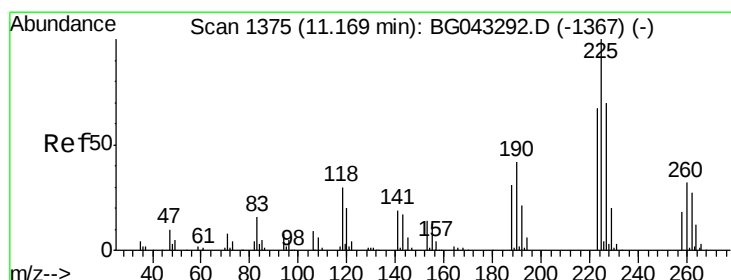
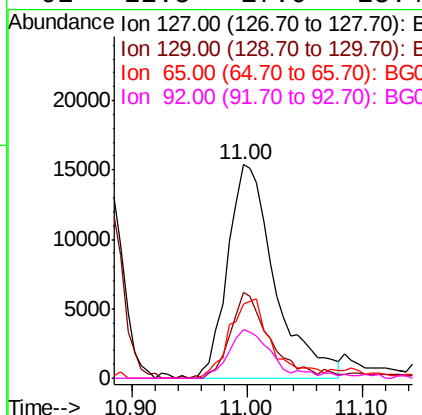
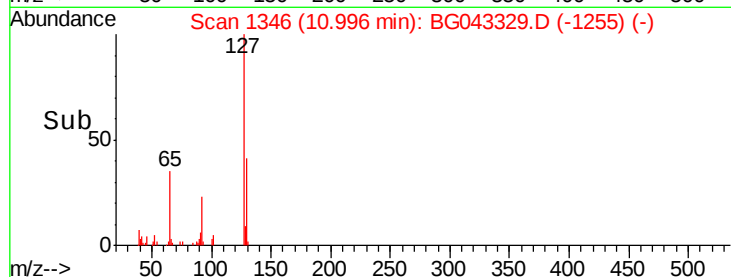
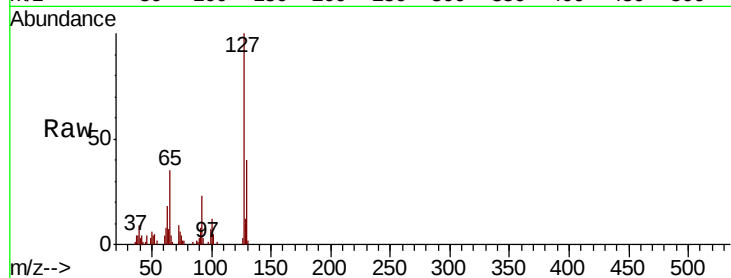




#33
4-Chloroaniline
Concen: 18.282 ng
RT: 11.00 min Scan# 1346
Delta R.T. 0.00 min
Lab File: BG043329.D
Acq: 24 Oct 2019 13:42

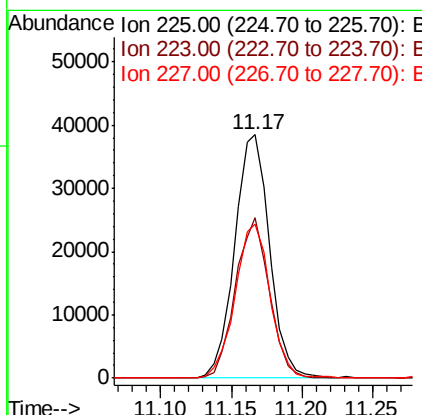
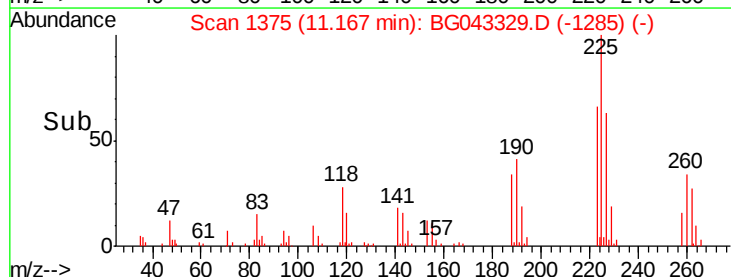
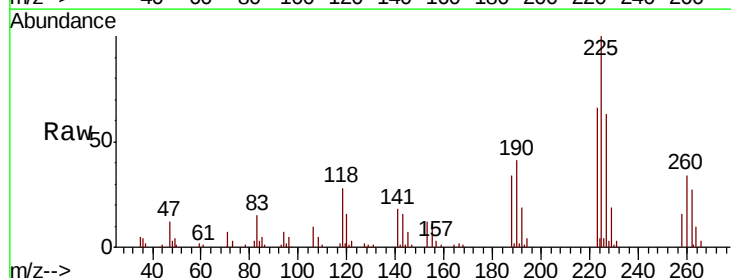
Instrument :
BNA_G
ClientSampleId :
PB124233BS

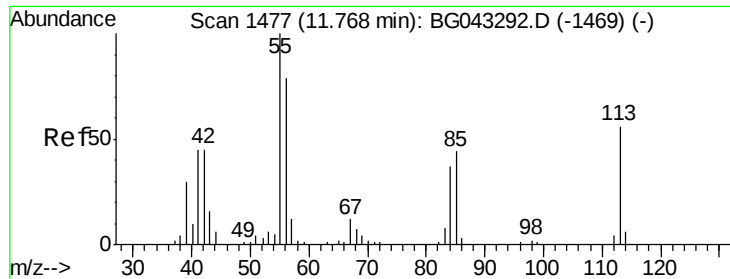
Tot Ion	Ratio	Lower	Upper
127	100		
129	40.1	25.8	38.8#
65	35.0	26.2	39.2
92	22.5	17.0	25.4



#34
Hexachlorobutadiene
Concen: 37.776 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BG043329.D
Acq: 24 Oct 2019 13:42

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.8	53.2	79.8
227	63.3	56.2	84.2





#35

Caprolactam

Concen: 18.553 ng

RT: 11.75 min Scan# 1475

Delta R.T. -0.01 min

Lab File: BG043329.D

Acq: 24 Oct 2019 13:42

Instrument :

BNA_G

ClientSampleId :

PB124233BS

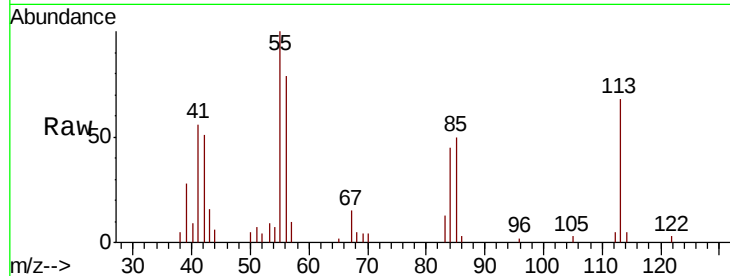
Tot Ion:113 Resp: 12023

Ion Ratio Lower Upper

113 100

55 146.8 158.9 198.9#

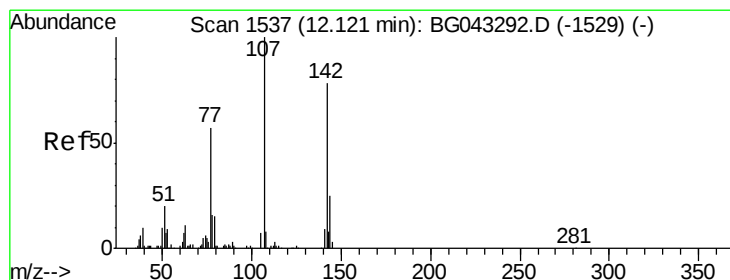
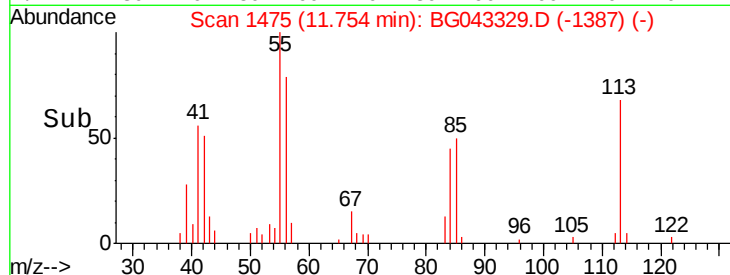
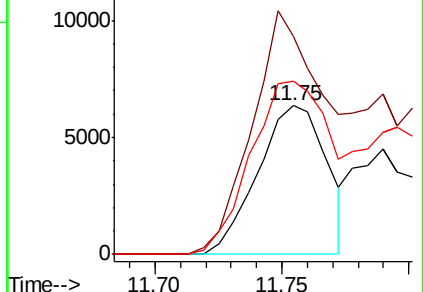
56 116.7 121.4 161.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 44.205 ng

RT: 12.12 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BG043329.D

Acq: 24 Oct 2019 13:42

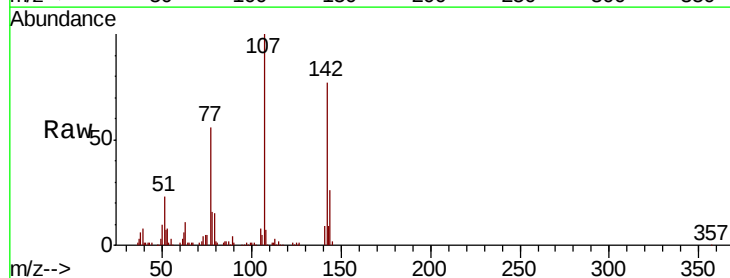
Tgt Ion:107 Resp: 90729

Ion Ratio Lower Upper

107 100

144 25.6 19.9 29.9

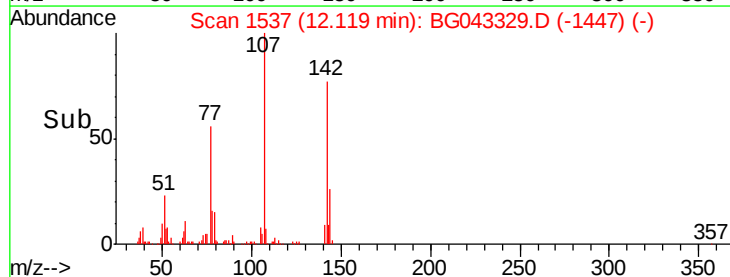
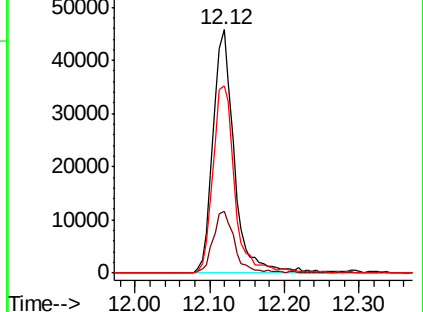
142 77.0 62.1 93.1



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

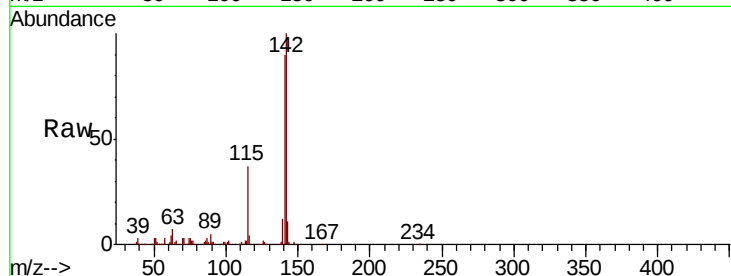




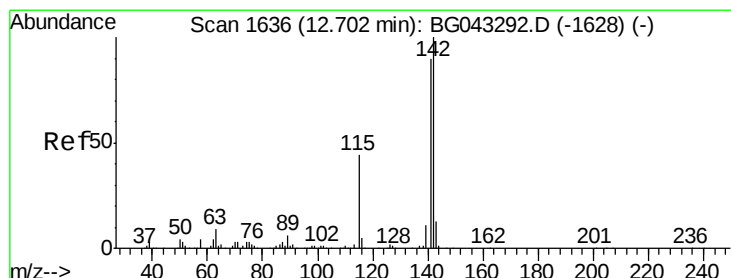
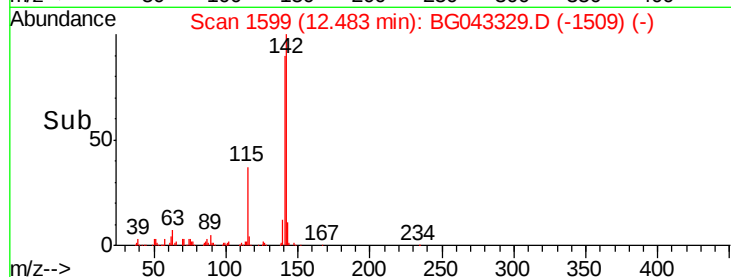
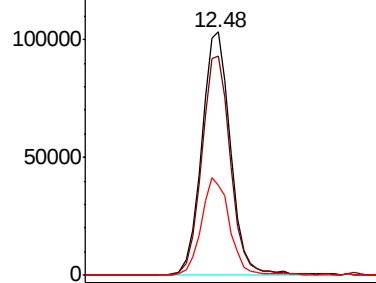
#37
 2-Methylnaphthalene
 Concen: 42.153 ng
 RT: 12.48 min Scan# 1599
 Delta R.T. -0.00 min
 Lab File: BG043329.D
 Acq: 24 Oct 2019 13:42

Instrument :
 BNA_G
 ClientSampleId :
 PB124233BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	69.7	104.5
115	37.0	30.6	46.0

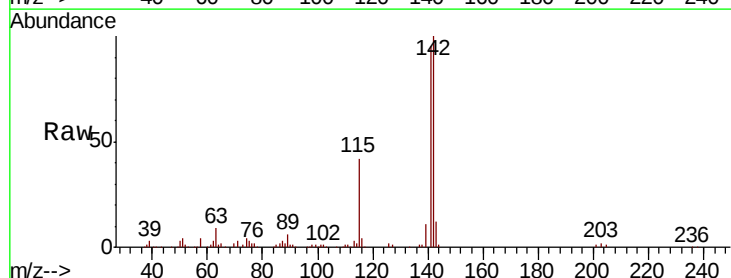


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

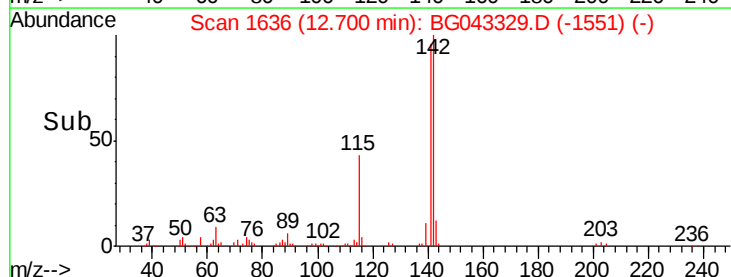
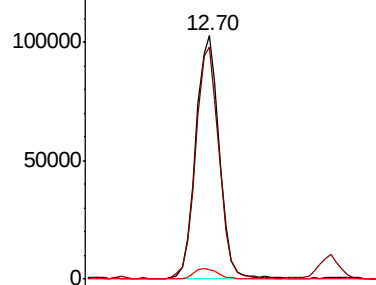


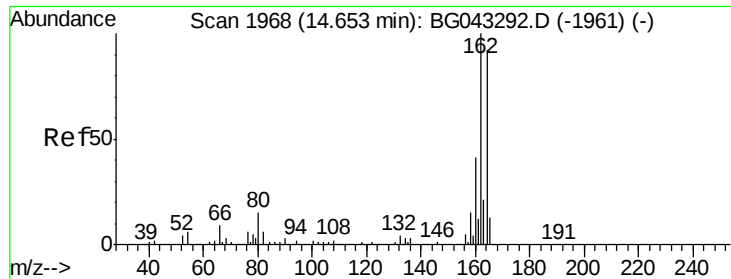
#38
 1-Methylnaphthalene
 Concen: 41.329 ng
 RT: 12.70 min Scan# 1636
 Delta R.T. -0.00 min
 Lab File: BG043329.D
 Acq: 24 Oct 2019 13:42

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.1	72.3	108.5
116	3.9	3.8	5.6



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: 14.65 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BG043329.D

Acq: 24 Oct 2019 13:42

Instrument :

BNA_G

ClientSampleId :

PB124233BS

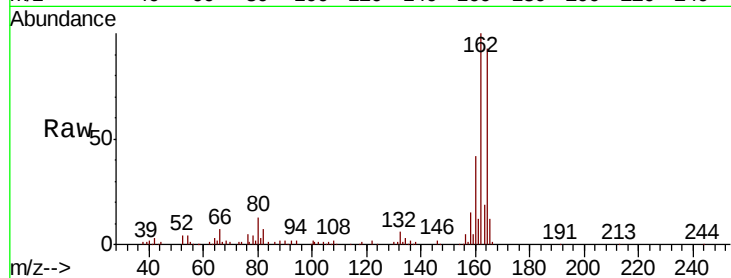
Tot Ion:164 Resp: 85216

Ion Ratio Lower Upper

164 100

162 108.0 87.0 130.4

160 45.6 35.5 53.3

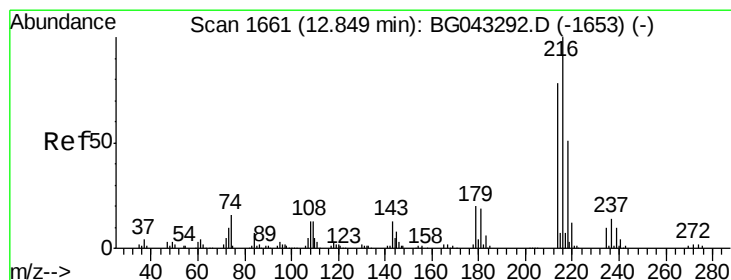
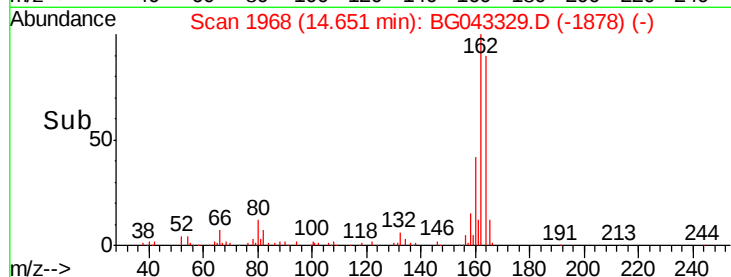
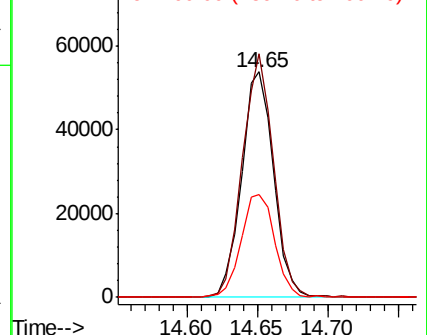


Abundance

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: 38.193 ng

RT: 12.85 min Scan# 1661

Delta R.T. -0.00 min

Lab File: BG043329.D

Acq: 24 Oct 2019 13:42

Tgt Ion:216 Resp: 120449

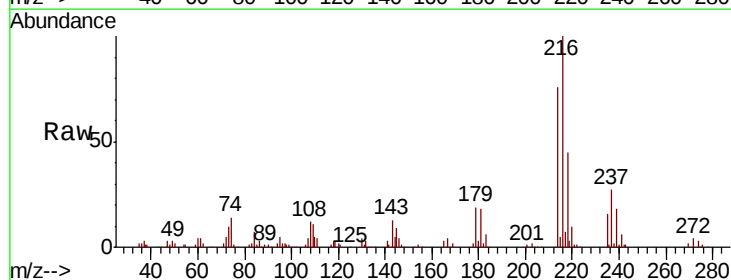
Ion Ratio Lower Upper

216 100

214 80.0 63.5 95.3

179 19.7 16.2 24.2

108 16.2 11.2 16.8



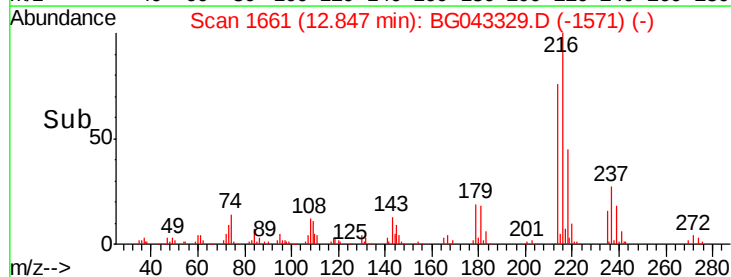
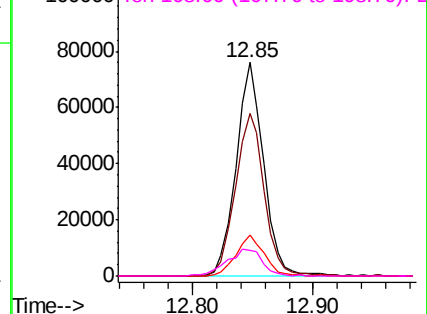
Abundance

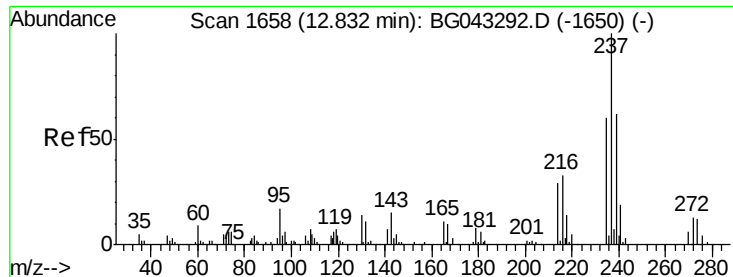
Ion 216.00 (215.70 to 216.70): E

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: 94.118 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BG043329.D

Acq: 24 Oct 2019 13:42

Instrument :

BNA_G

ClientSampleId :

PB124233BS

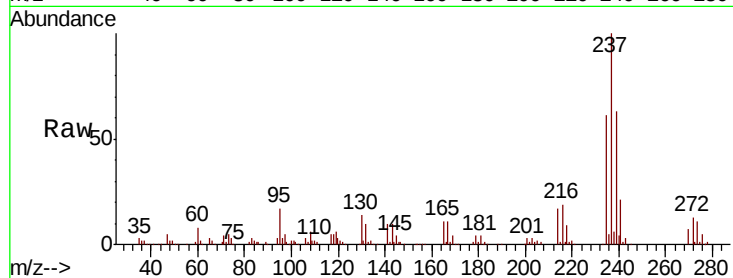
Tot Ion:237 Resp: 155922

Ion Ratio Lower Upper

237 100

235 61.5 40.3 80.3

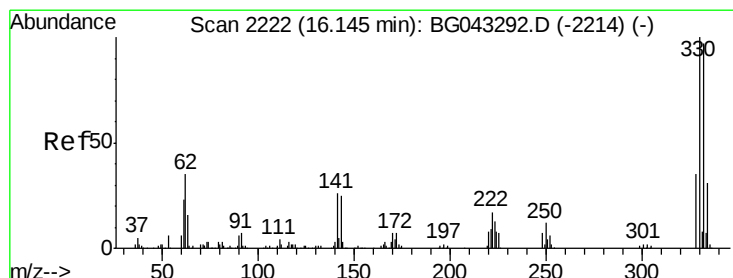
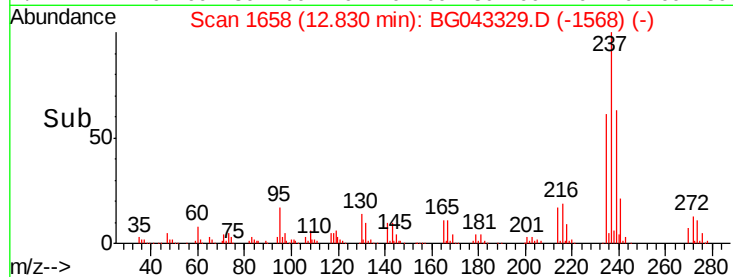
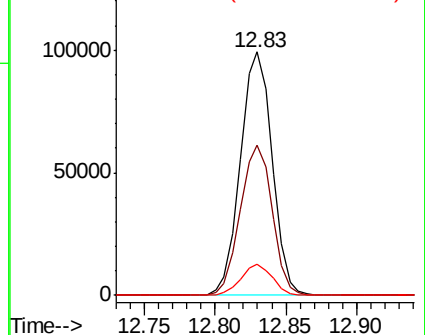
272 12.6 0.0 32.9



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: 112.108 ng

RT: 16.14 min Scan# 2222

Delta R.T. -0.00 min

Lab File: BG043329.D

Acq: 24 Oct 2019 13:42

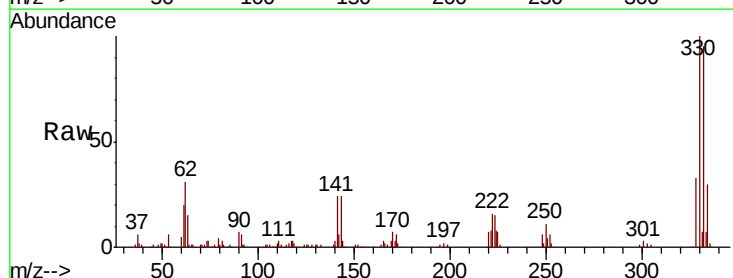
Tgt Ion:330 Resp: 181801

Ion Ratio Lower Upper

330 100

332 96.3 76.4 114.6

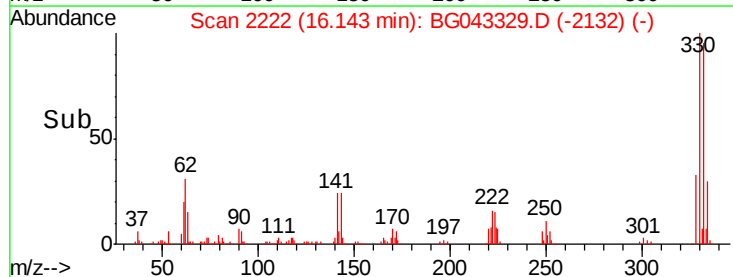
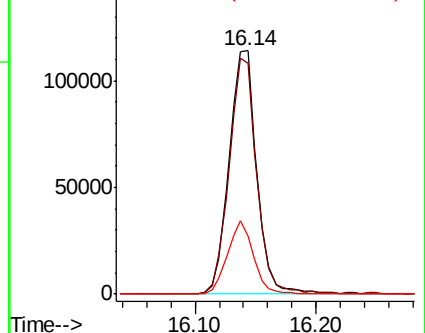
141 28.3 21.4 32.0

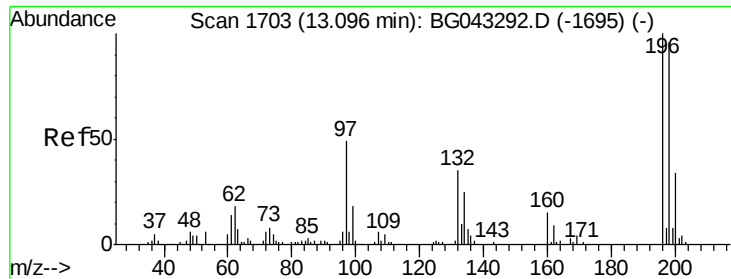


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

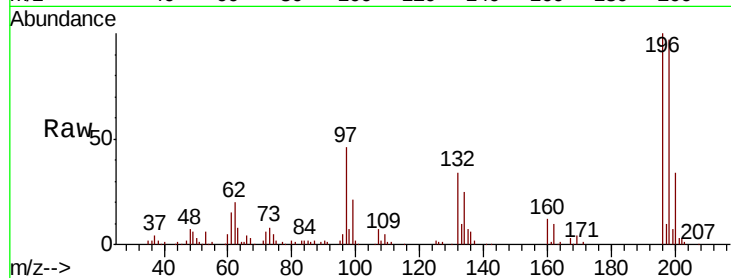




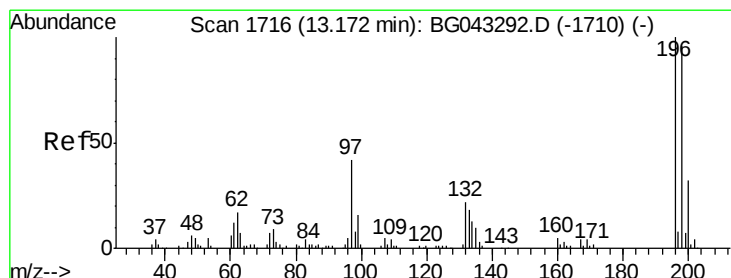
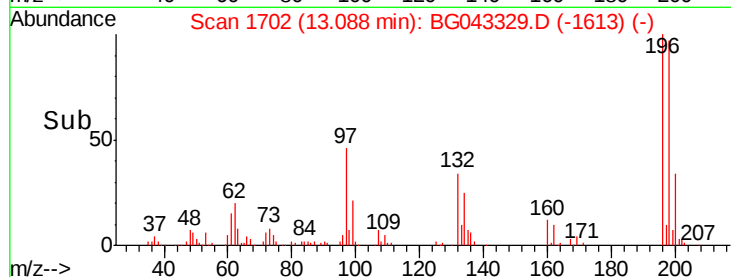
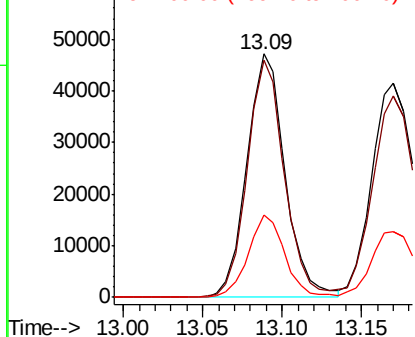
#43
 2,4,6-Trichlorophenol
 Concen: 42.501 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG043329.D
 Acq: 24 Oct 2019 13:42

Instrument :
 BNA_G
 ClientSampleId :
 PB124233BS

Tot Ion:196 Resp: 78935
 Ion Ratio Lower Upper
 196 100
 198 97.4 77.0 115.4
 200 33.6 27.4 41.2

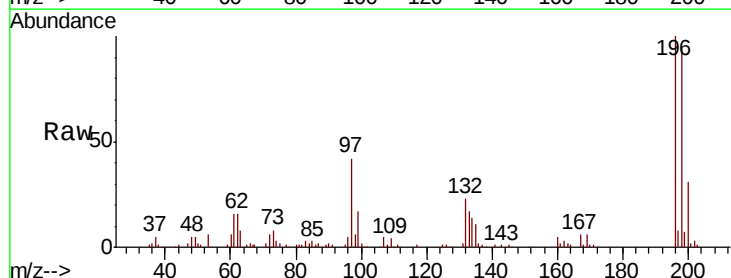


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

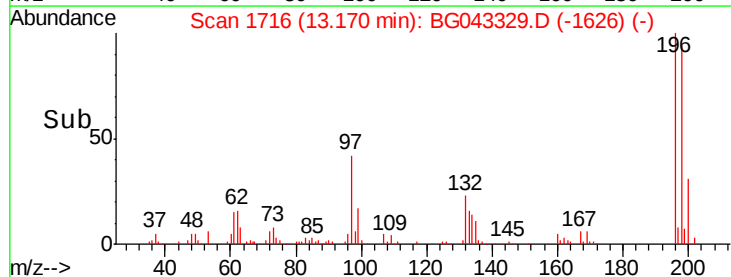
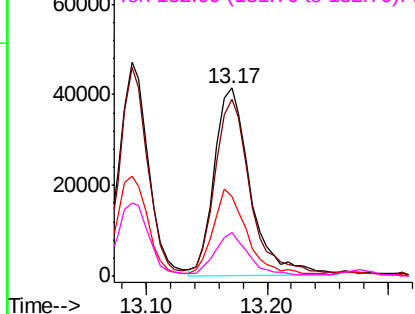


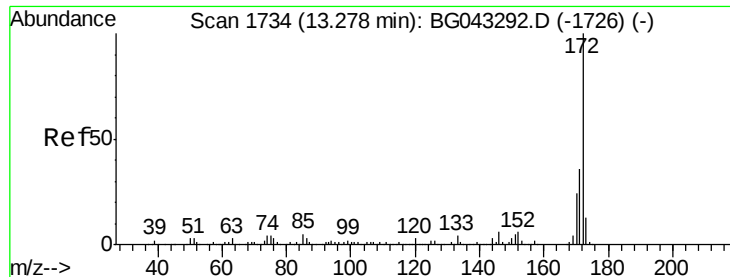
#44
 2,4,5-Trichlorophenol
 Concen: 45.908 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.00 min
 Lab File: BG043329.D
 Acq: 24 Oct 2019 13:42

Tgt Ion:196 Resp: 86200
 Ion Ratio Lower Upper
 196 100
 198 94.3 76.6 114.8
 97 42.5 34.1 51.1
 132 22.9 18.2 27.4



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

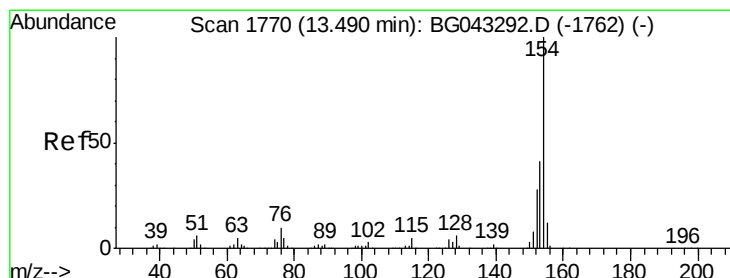
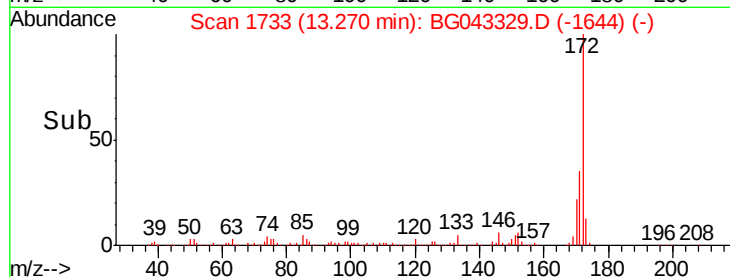
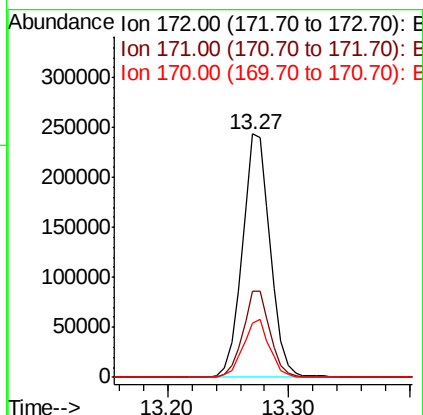
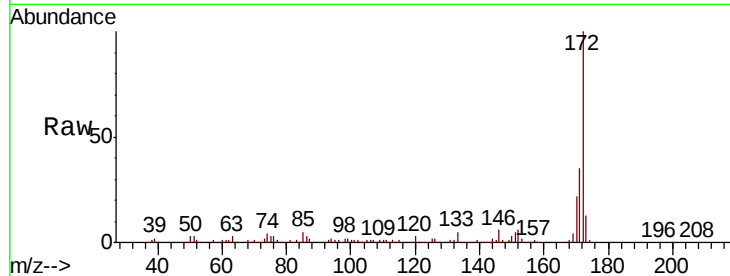




#45
2-Fluorobiphenyl
Concen: 63.301 ng
RT: 13.27 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BG043329.D
Acq: 24 Oct 2019 13:42

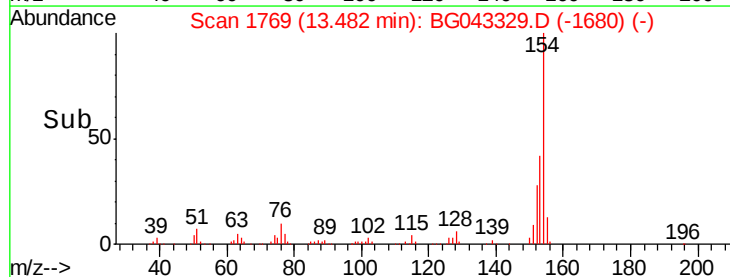
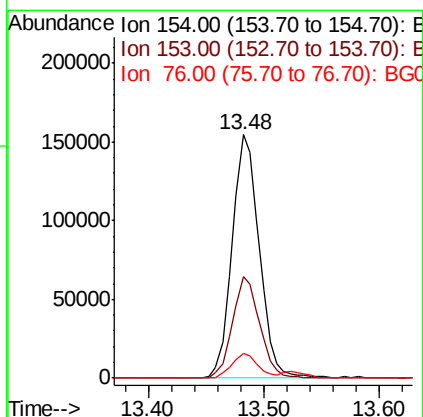
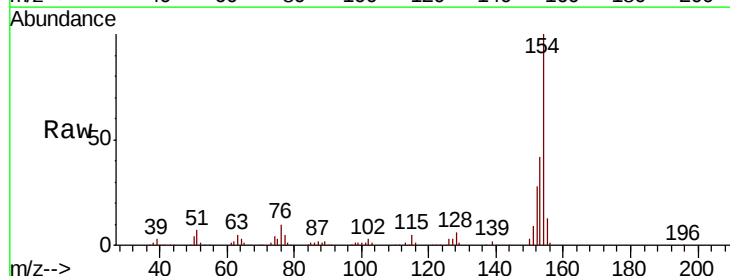
Instrument :
BNA_G
ClientSampleId :
PB124233BS

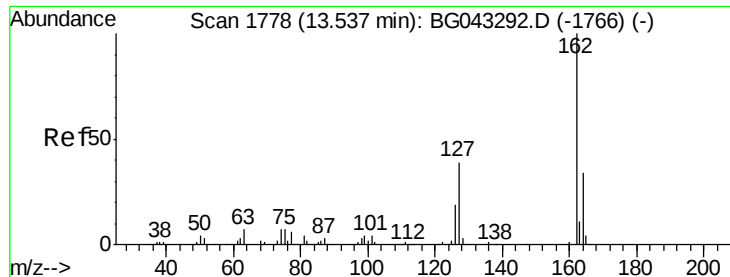
Tot Ion:172 Resp: 390380
Ion Ratio Lower Upper
172 100
171 35.2 28.5 42.7
170 22.2 18.8 28.2



#46
1,1'-Biphenyl
Concen: 38.803 ng
RT: 13.48 min Scan# 1769
Delta R.T. -0.01 min
Lab File: BG043329.D
Acq: 24 Oct 2019 13:42

Tgt Ion:154 Resp: 251552
Ion Ratio Lower Upper
154 100
153 41.7 21.0 61.0
76 10.2 0.0 29.8

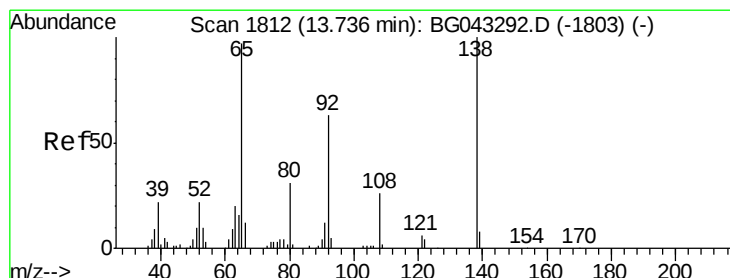
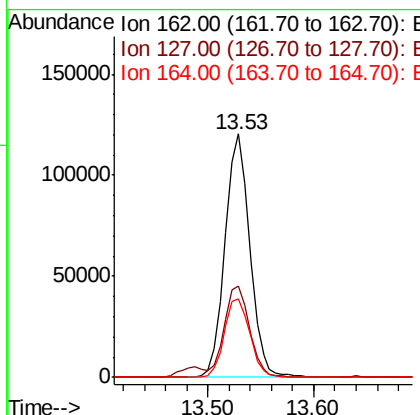
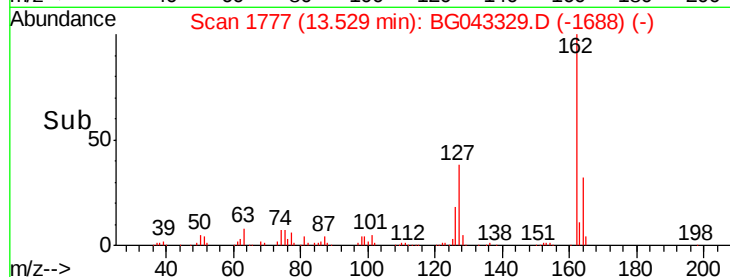
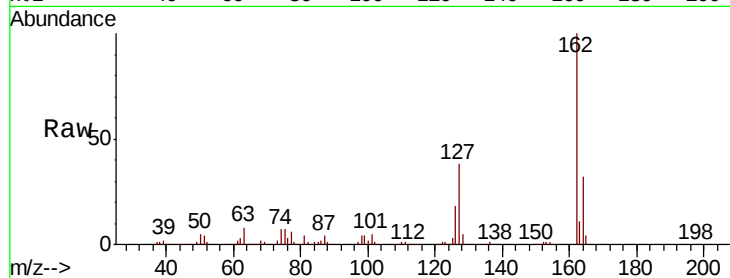




#47
2-Chloronaphthalene
Concen: 39.837 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BG043329.D
Acq: 24 Oct 2019 13:42

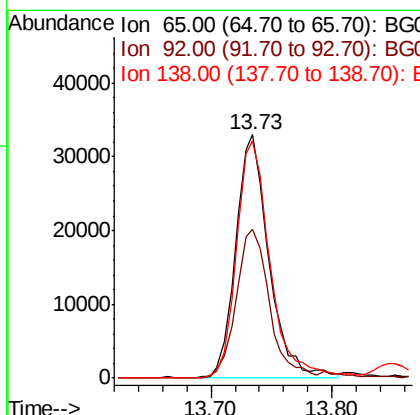
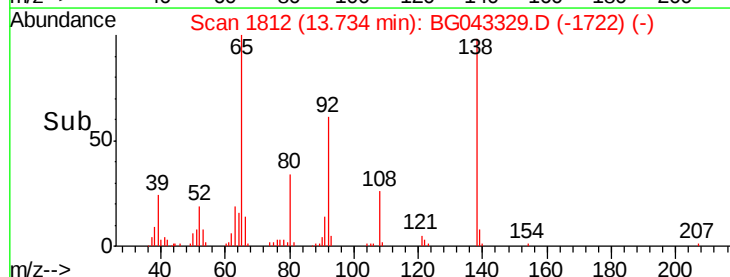
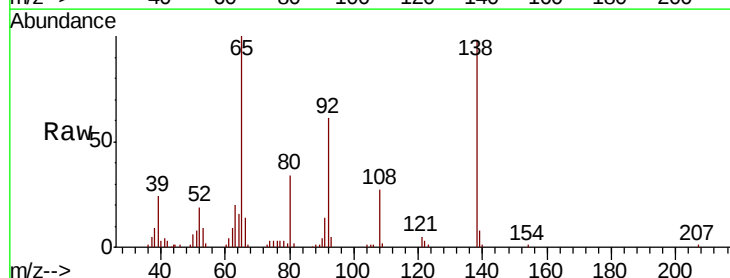
Instrument :
BNA_G
ClientSampleId :
PB124233BS

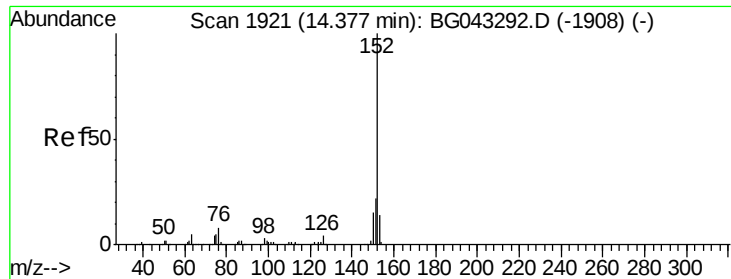
Tot Ion:162 Resp: 196500
Ion Ratio Lower Upper
162 100
127 37.8 31.3 46.9
164 32.1 26.8 40.2



#48
2-Nitroaniline
Concen: 42.671 ng
RT: 13.73 min Scan# 1812
Delta R.T. -0.00 min
Lab File: BG043329.D
Acq: 24 Oct 2019 13:42

Tgt Ion: 65 Resp: 62907
Ion Ratio Lower Upper
65 100
92 61.3 52.6 79.0
138 97.6 82.9 124.3





#49

Acenaphthylene

Concen: 42.415 ng

RT: 14.37 min Scan# 1921

Delta R.T. -0.00 min

Lab File: BG043329.D

Acq: 24 Oct 2019 13:42

Instrument :

BNA_G

ClientSampleId :

PB124233BS

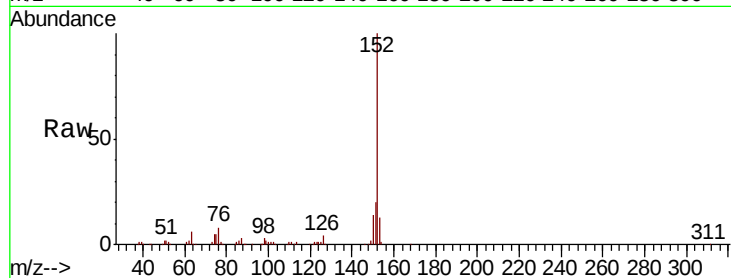
Tot Ion:152 Resp: 325613

Ion Ratio Lower Upper

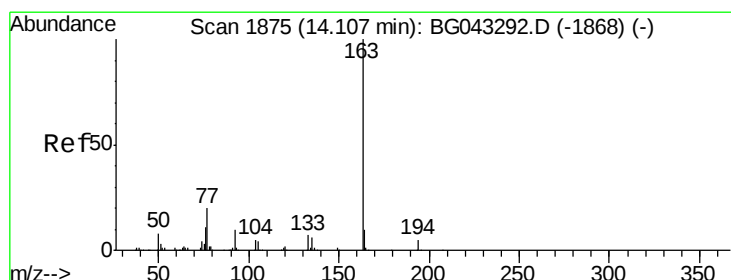
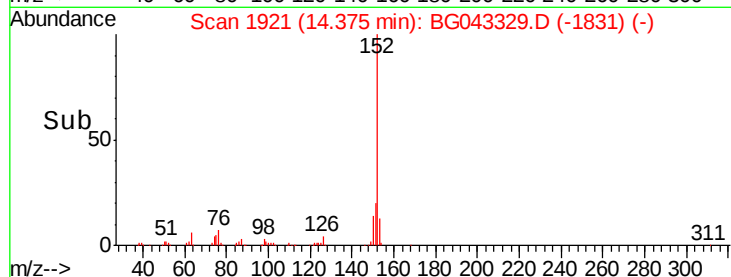
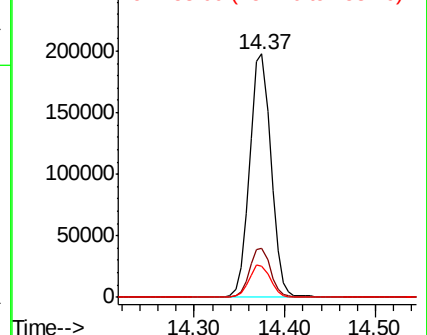
152 100

151 20.0 17.2 25.8

153 12.8 11.0 16.6



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



#50

Dimethylphthalate

Concen: 40.867 ng

RT: 14.10 min Scan# 1875

Delta R.T. -0.00 min

Lab File: BG043329.D

Acq: 24 Oct 2019 13:42

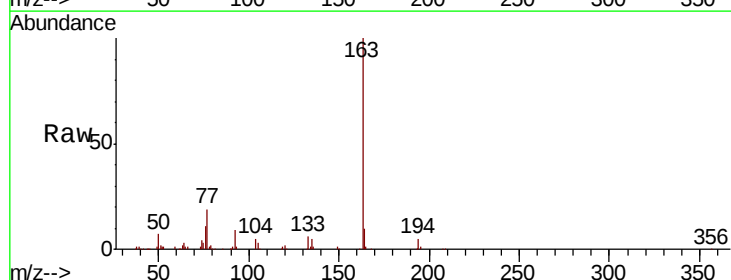
Tgt Ion:163 Resp: 269745

Ion Ratio Lower Upper

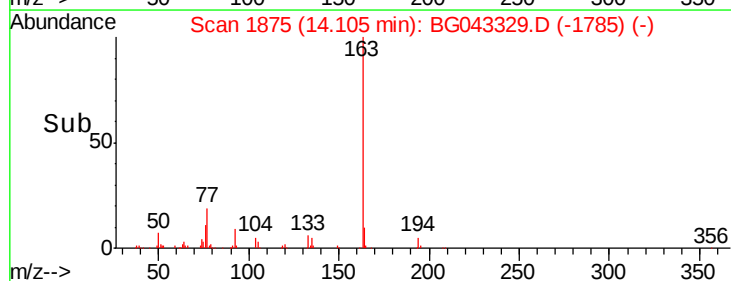
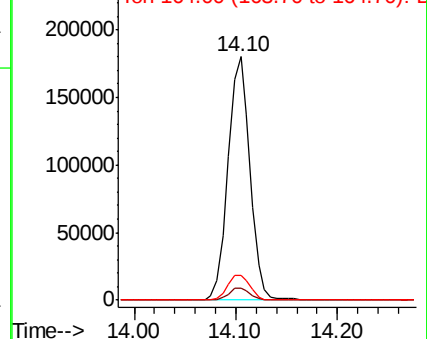
163 100

194 4.8 3.7 5.5

164 9.9 8.1 12.1



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: 42.123 ng

RT: 14.22 min Scan# 1895

Delta R.T. -0.00 min

Lab File: BG043329.D

Acq: 24 Oct 2019 13:42

Instrument :

BNA_G

ClientSampleId :

PB124233BS

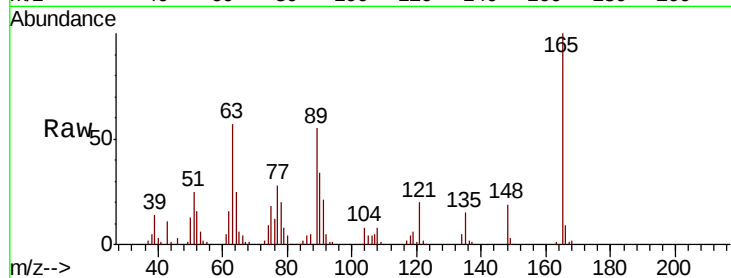
Tot Ion:165 Resp: 60403

Ion Ratio Lower Upper

165 100

63 57.2 47.1 70.7

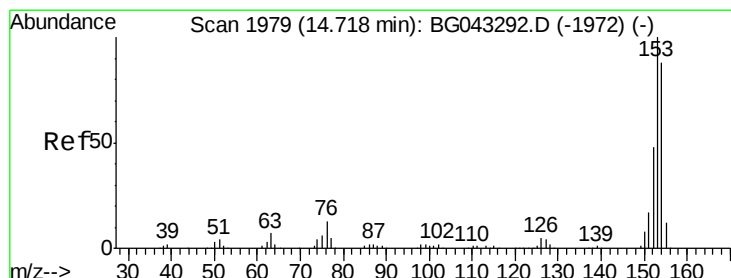
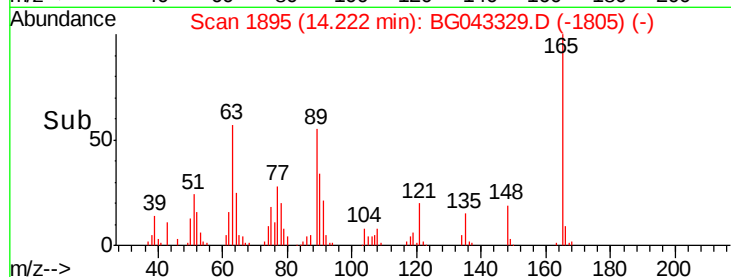
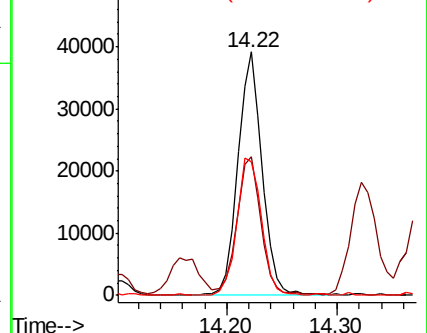
89 55.0 43.7 65.5



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 41.399 ng

RT: 14.72 min Scan# 1979

Delta R.T. -0.00 min

Lab File: BG043329.D

Acq: 24 Oct 2019 13:42

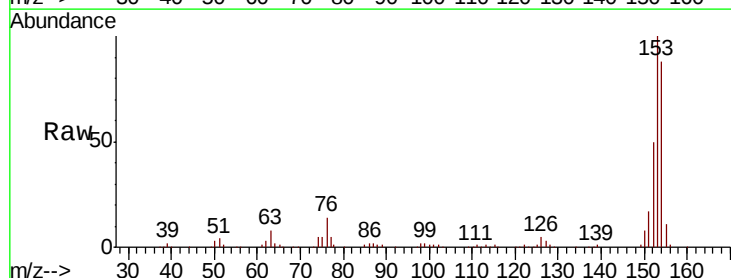
Tgt Ion:154 Resp: 193813

Ion Ratio Lower Upper

154 100

153 114.2 90.9 136.3

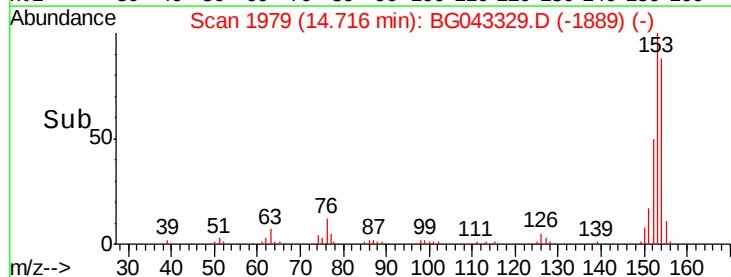
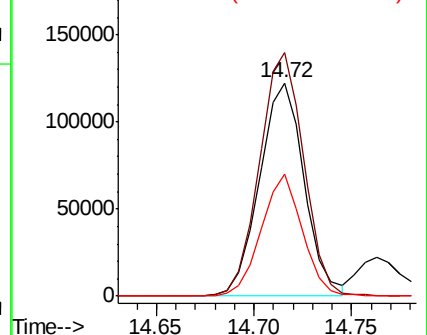
152 57.4 43.9 65.9

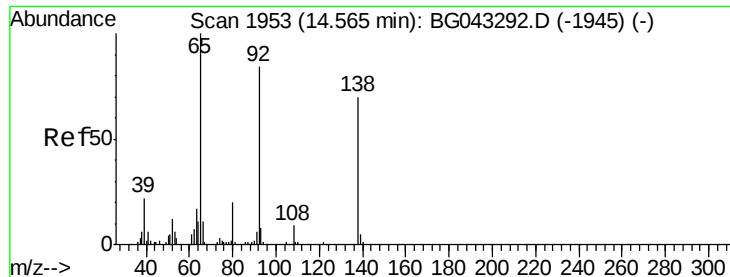


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

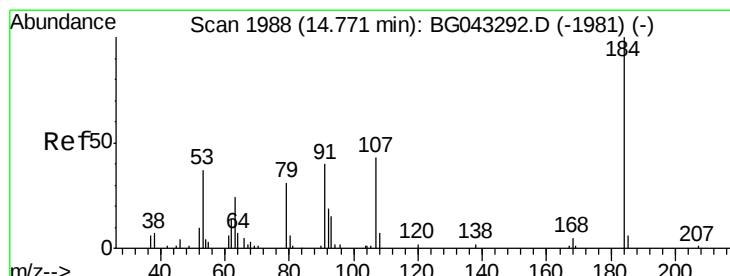
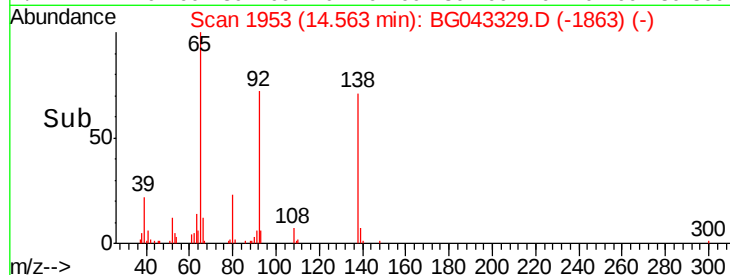
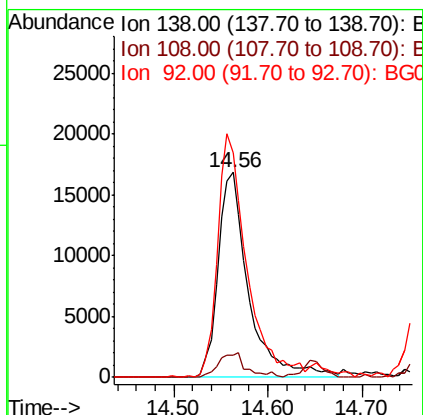
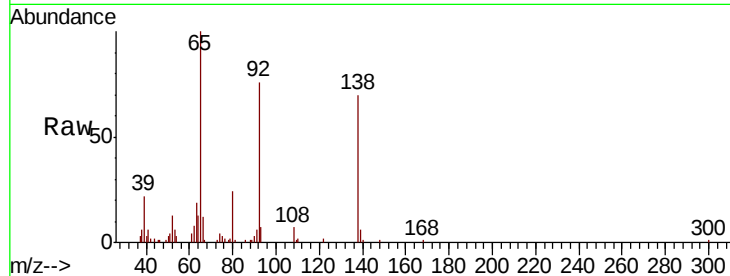




#53
3-Nitroaniline
Concen: 27.582 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.00 min
Lab File: BG043329.D
Acq: 24 Oct 2019 13:42

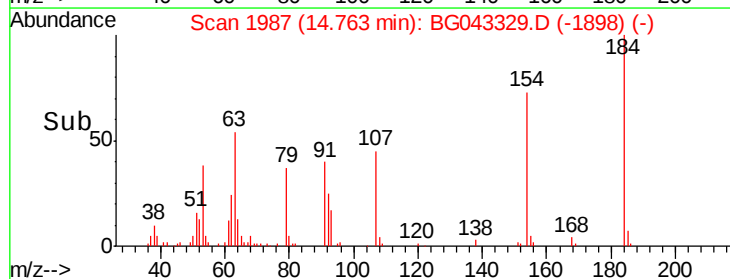
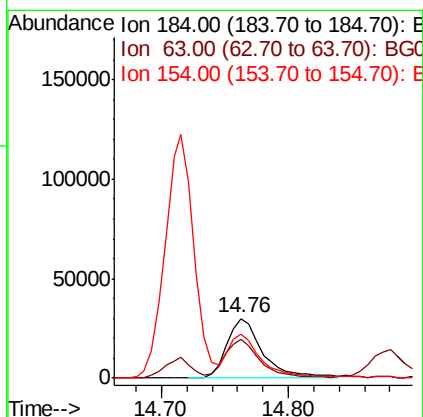
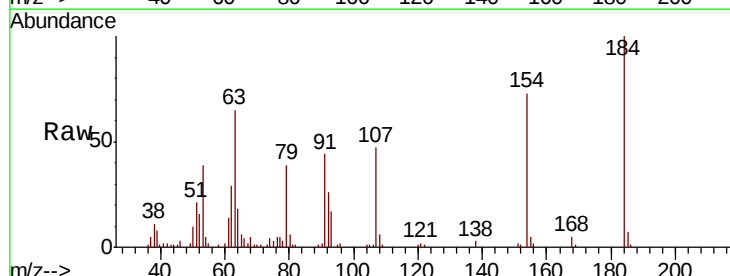
Instrument :
BNA_G
ClientSampleId :
PB124233BS

Tot Ion:138 Resp: 38186
Ion Ratio Lower Upper
138 100
108 10.5 9.8 14.6
92 109.5 95.8 143.6



#54
2,4-Dinitrophenol
Concen: 66.906 ng
RT: 14.76 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BG043329.D
Acq: 24 Oct 2019 13:42

Tgt Ion:184 Resp: 58736
Ion Ratio Lower Upper
184 100
63 65.0 48.8 73.2
154 73.4 49.4 74.0

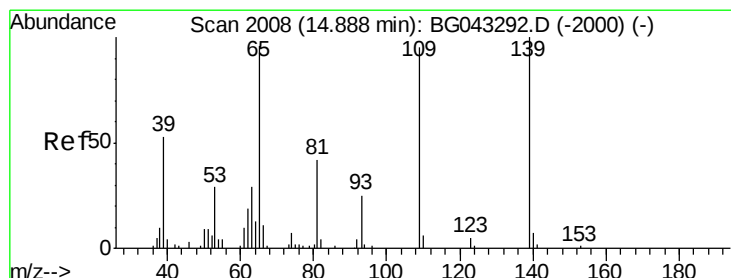
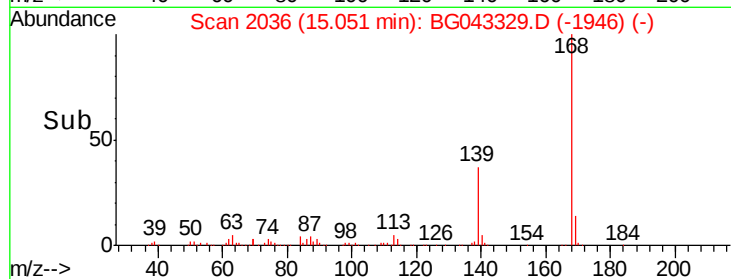
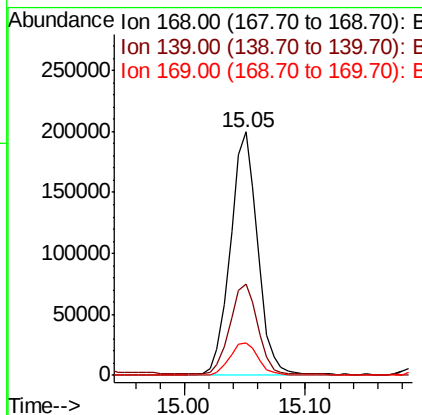
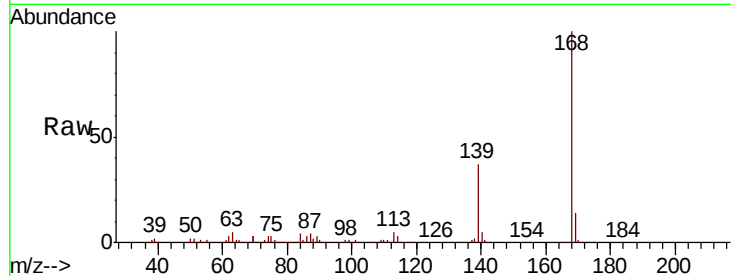




#55
Dibenzenofuran
Concen: 41.517 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BG043329.D
Acq: 24 Oct 2019 13:42

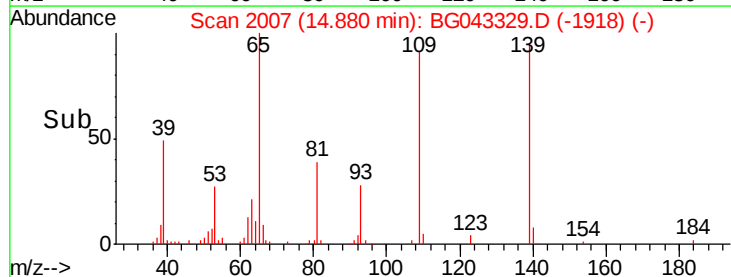
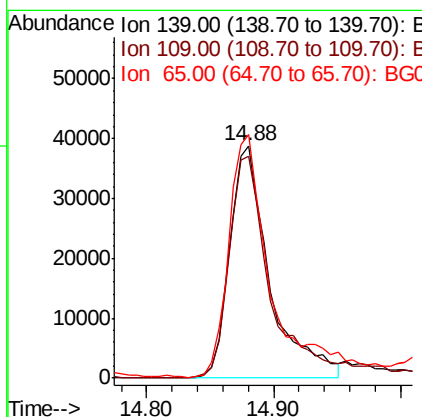
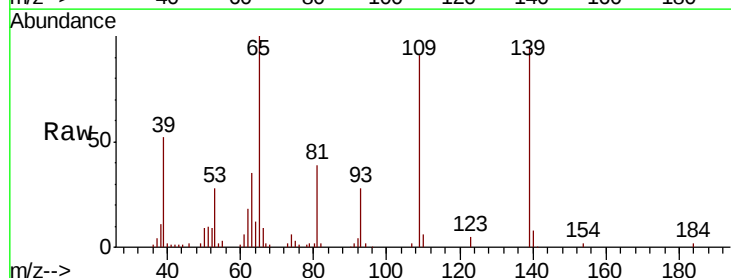
Instrument :
BNA_G
ClientSampleId :
PB124233BS

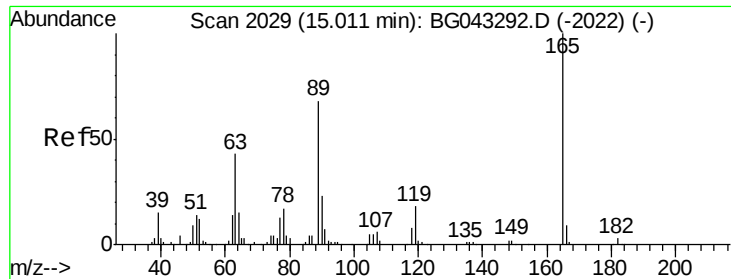
Tot Ion:168 Resp: 315195
Ion Ratio Lower Upper
168 100
139 37.3 31.7 47.5
169 13.6 11.0 16.4



#56
4-Nitrophenol
Concen: 91.389 ng
RT: 14.88 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BG043329.D
Acq: 24 Oct 2019 13:42

Tgt Ion:139 Resp: 84788
Ion Ratio Lower Upper
139 100
109 95.5 75.4 115.4
65 104.9 76.6 116.6

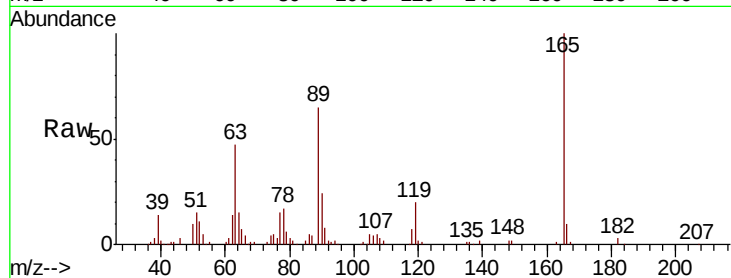




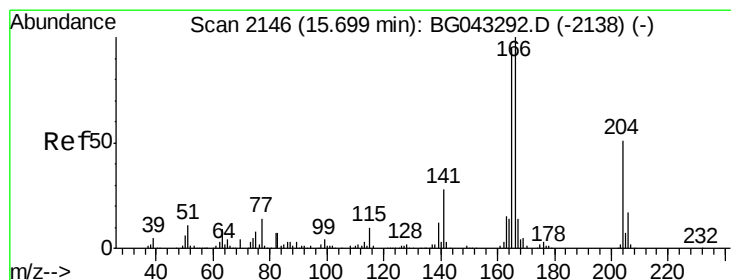
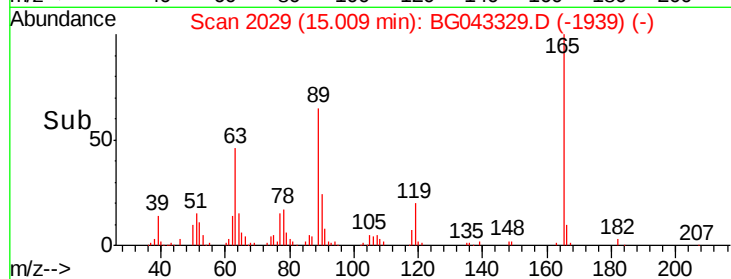
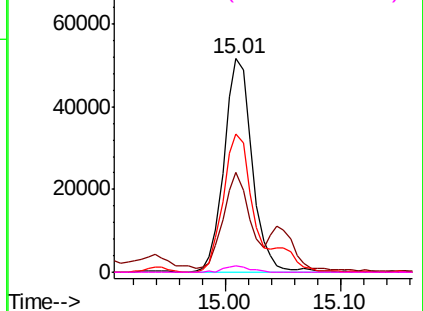
#57
 2,4-Dinitrotoluene
 Concen: 42.603 ng
 RT: 15.01 min Scan# 2029
 Delta R.T. -0.00 min
 Lab File: BG043329.D
 Acq: 24 Oct 2019 13:42

Instrument :
 BNA_G
 ClientSampleId :
 PB124233BS

Tot Ion:165	Resp:	87306	
Ion Ratio	Lower	Upper	
165 100			
63 46.5	35.0	52.6	
89 64.8	54.1	81.1	
182 3.1	2.2	3.2	

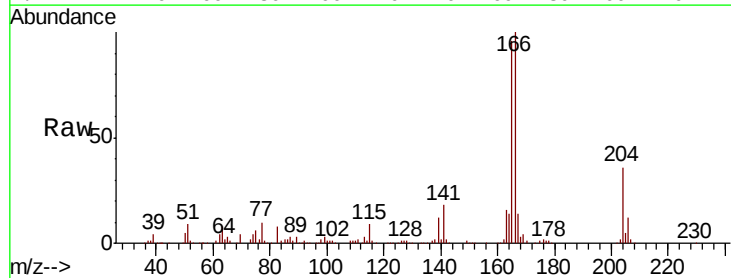


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

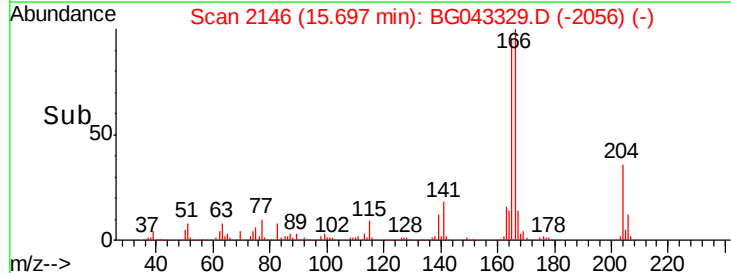
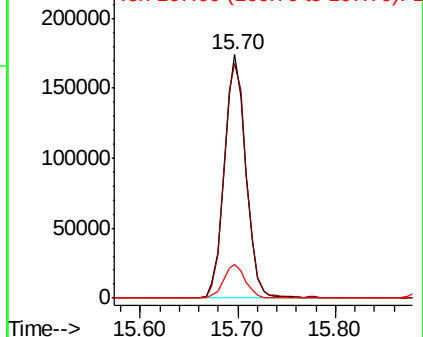


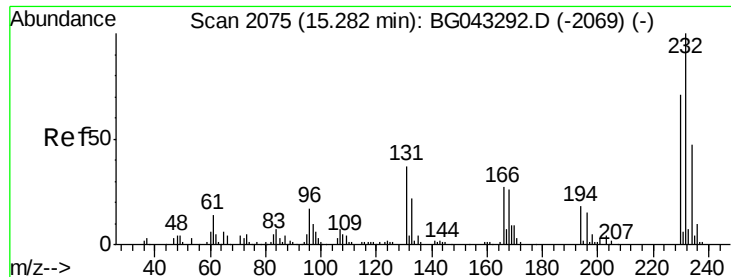
#58
 Fluorene
 Concen: 41.448 ng
 RT: 15.70 min Scan# 2146
 Delta R.T. -0.00 min
 Lab File: BG043329.D
 Acq: 24 Oct 2019 13:42

Tgt	Ion:166	Resp:	263917
Ion	Ratio	Lower	Upper
166	100		
165	96.3	76.4	114.6
167	13.9	11.1	16.7



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

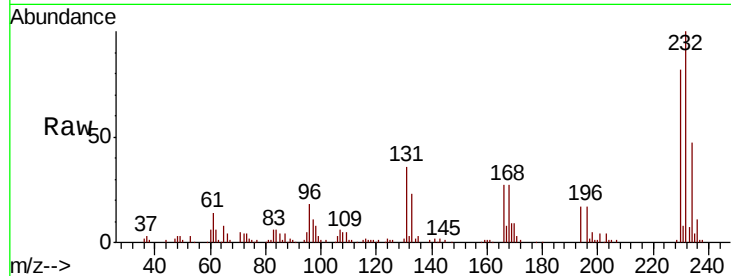




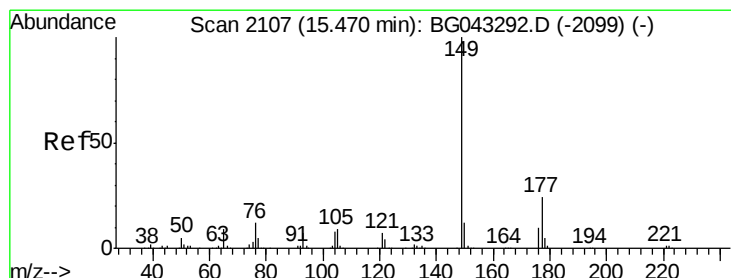
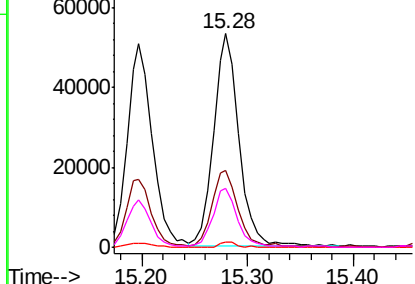
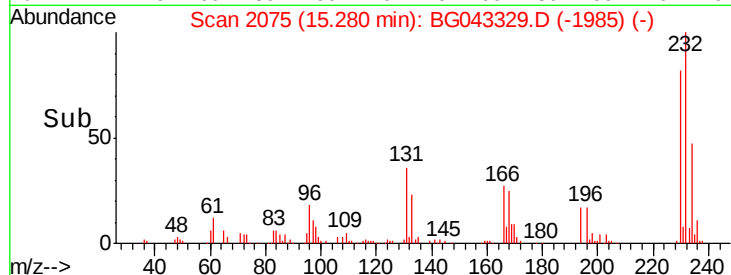
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.665 ng
RT: 15.28 min Scan# 2075
Delta R.T. -0.00 min
Lab File: BG043329.D
Acq: 24 Oct 2019 13:42

Instrument :
BNA_G
ClientSampleId :
PB124233BS

Tot Ion:232 Resp: 89102
Ion Ratio Lower Upper
232 100
131 35.0 28.7 43.1
130 1.8 0.6 0.8#
166 26.3 21.1 31.7

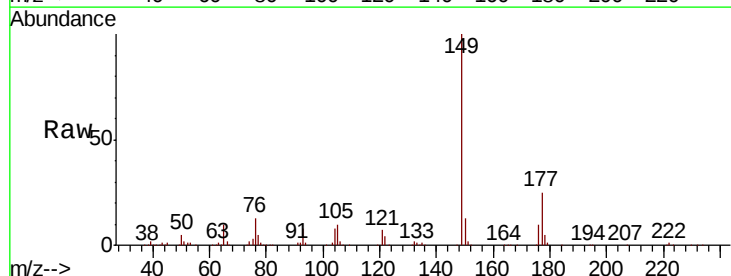


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

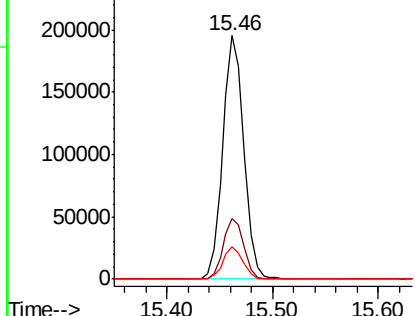
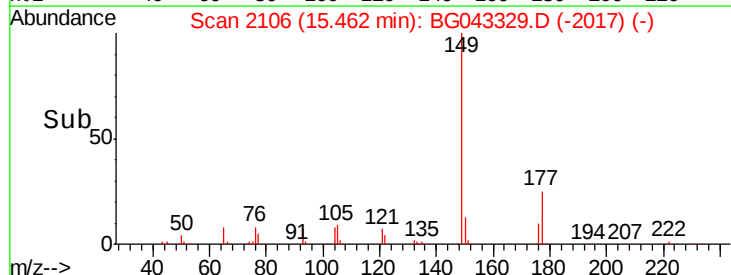


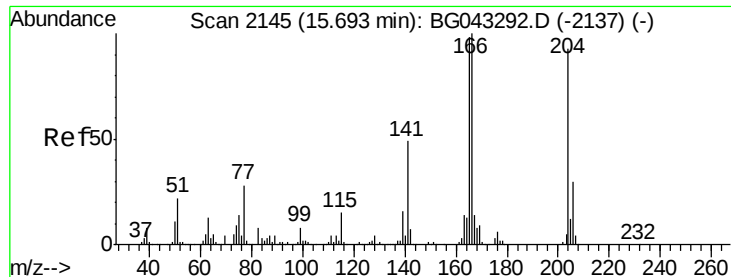
#60
Diethylphthalate
Concen: 40.689 ng
RT: 15.46 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BG043329.D
Acq: 24 Oct 2019 13:42

Tgt Ion:149 Resp: 269853
Ion Ratio Lower Upper
149 100
177 24.7 19.0 28.4
150 13.4 9.4 14.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

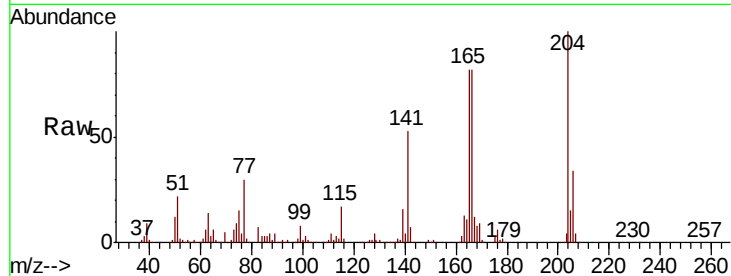




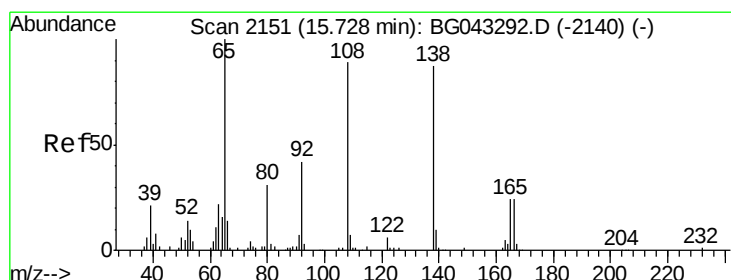
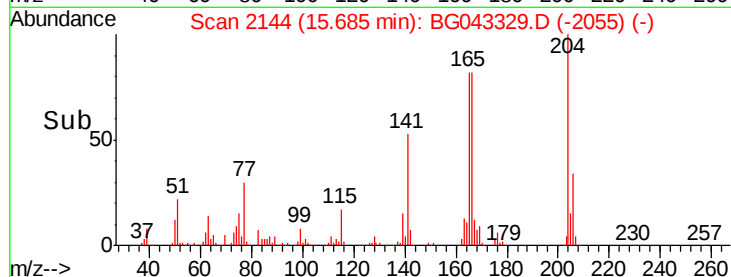
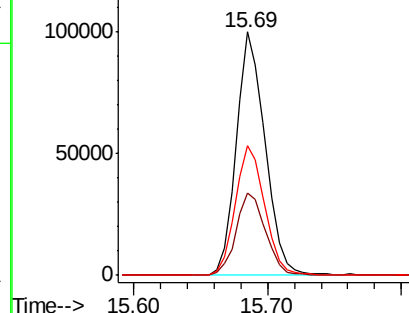
#61
4-Chlorophenyl-phenylether
Concen: 40.346 ng
RT: 15.69 min Scan# 2144
Delta R.T. -0.01 min
Lab File: BG043329.D
Acq: 24 Oct 2019 13:42

Instrument :
BNA_G
ClientSampleId :
PB124233BS

Tot Ion:204 Resp: 149871
Ion Ratio Lower Upper
204 100
206 34.0 25.7 38.5
141 53.3 42.3 63.5

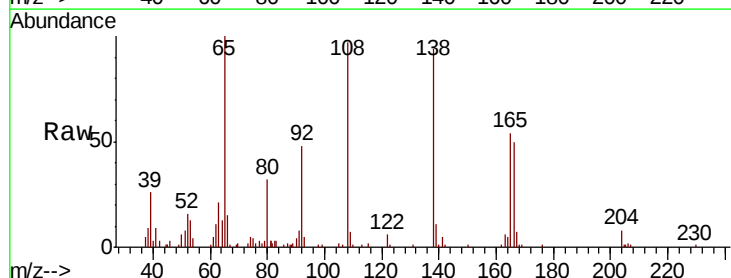


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

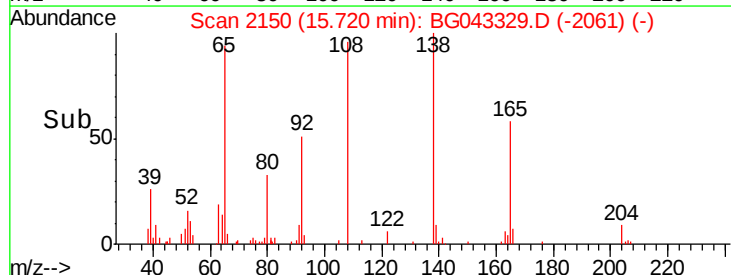
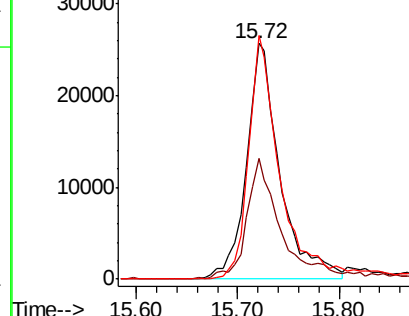


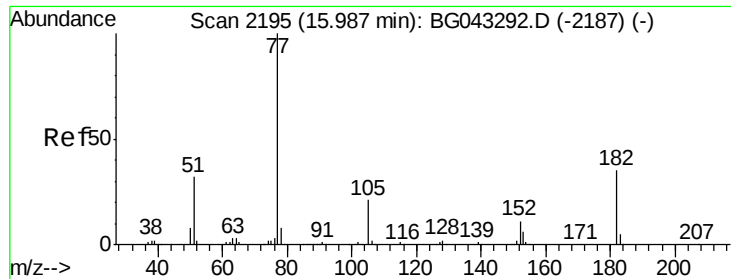
#62
4-Nitroaniline
Concen: 41.237 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.01 min
Lab File: BG043329.D
Acq: 24 Oct 2019 13:42

Tgt Ion:138 Resp: 58960
Ion Ratio Lower Upper
138 100
92 51.4 28.8 68.8
108 103.3 82.7 122.7



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

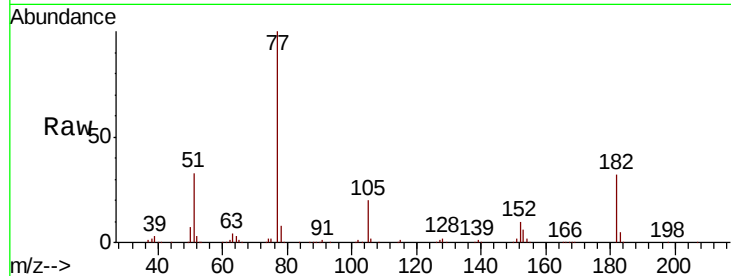




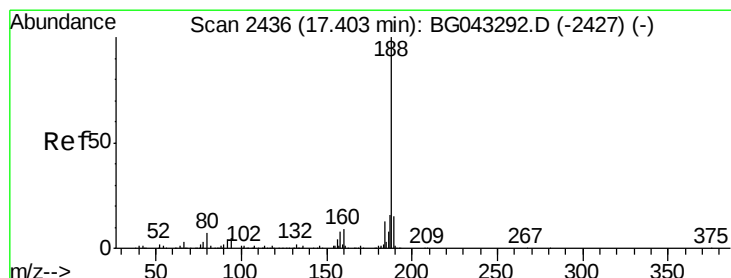
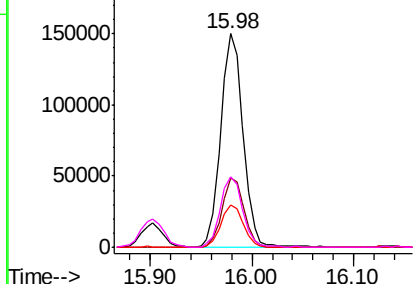
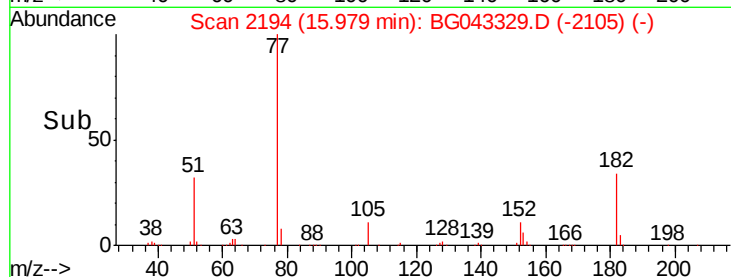
#63
Azobenzene
Concen: 42.540 ng
RT: 15.98 min Scan# 2194
Delta R.T. -0.01 min
Lab File: BG043329.D
Acq: 24 Oct 2019 13:42

Instrument :
BNA_G
ClientSampleId :
PB124233BS

Tot Ion:	77	Resp:	228337
Ion	Ratio	Lower	Upper
77	100		
182	32.3	14.9	54.9
105	19.6	0.6	40.6
51	32.7	12.5	52.5

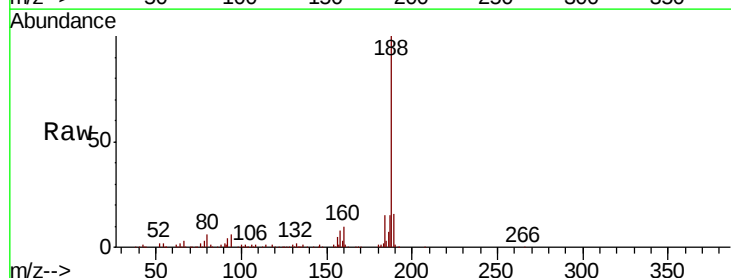


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

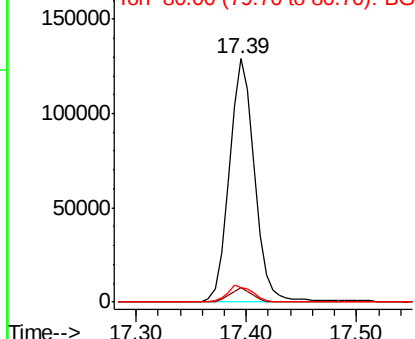
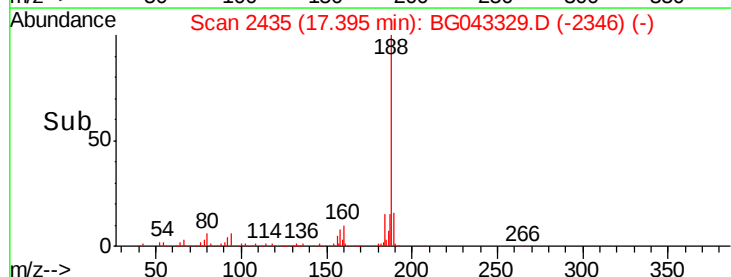


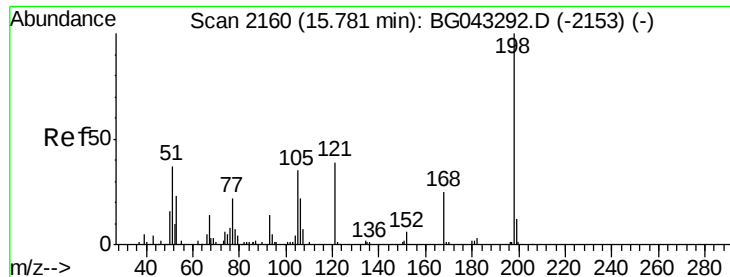
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG043329.D
Acq: 24 Oct 2019 13:42

Tgt Ion:	188	Resp:	207739
Ion	Ratio	Lower	Upper
188	100		
94	5.8	4.2	6.2
80	5.9	5.2	7.8



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





#65

4,6-Dinitro-2-methylphenol

Concen: 41.183 ng

RT: 15.77 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BG043329.D

Acq: 24 Oct 2019 13:42

Instrument :

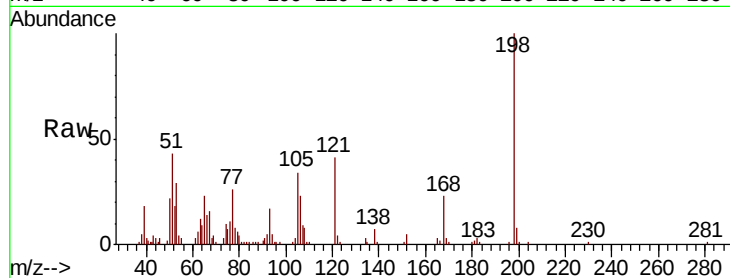
BNA_G

ClientSampleId :

PB124233BS

Tot Ion:198 Resp: 50348

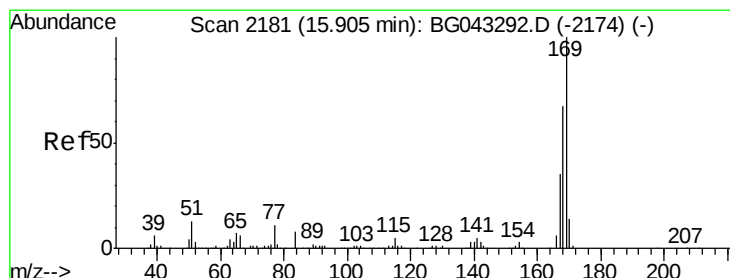
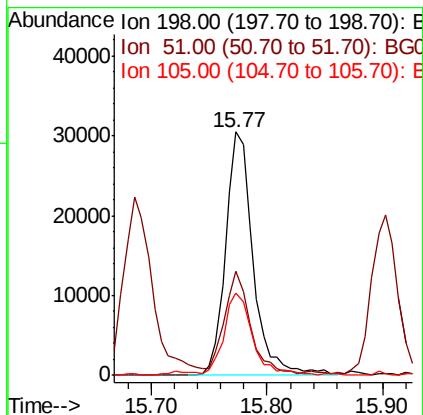
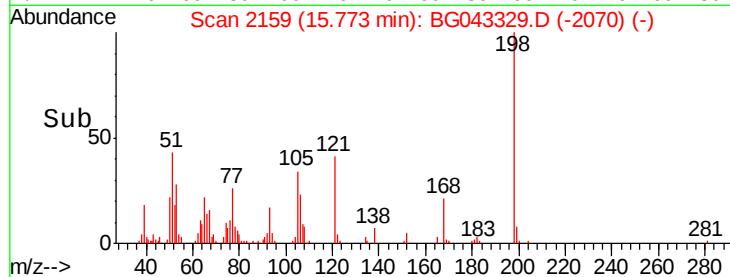
Ion	Ratio	Lower	Upper
198	100		
51	42.6	21.4	61.4
105	33.9	16.5	56.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG043329.D (-2153) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.890 ng

RT: 15.90 min Scan# 2181

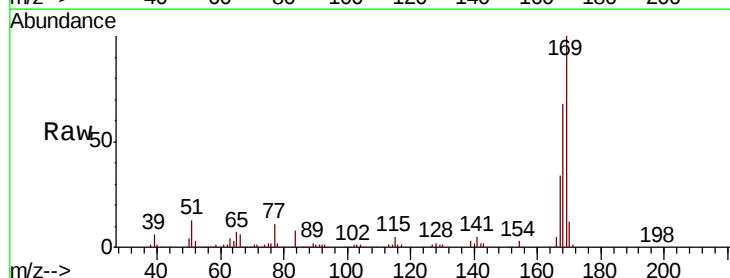
Delta R.T. -0.00 min

Lab File: BG043329.D

Acq: 24 Oct 2019 13:42

Tgt Ion:169 Resp: 239822

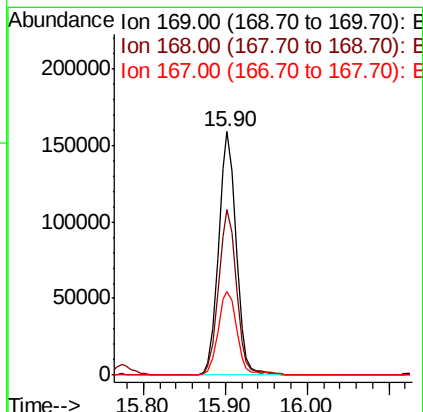
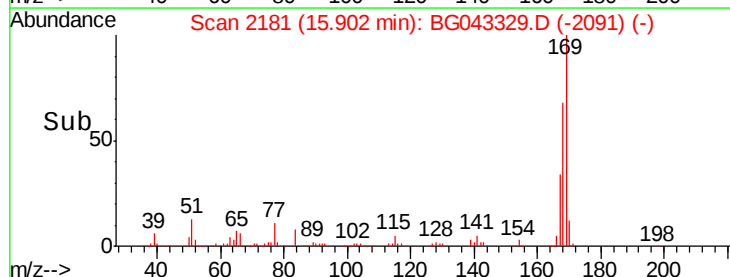
Ion	Ratio	Lower	Upper
169	100		
168	68.2	53.9	80.9
167	34.5	28.3	42.5



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

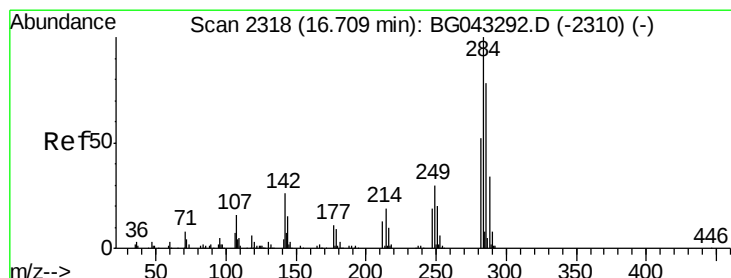
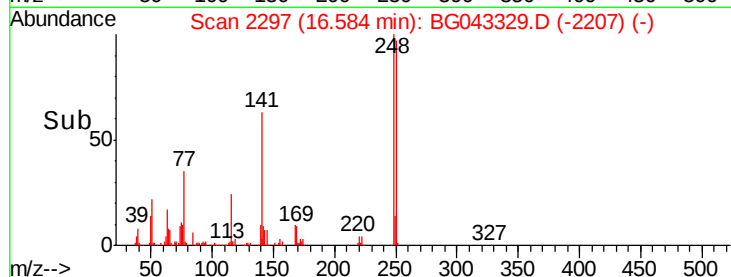
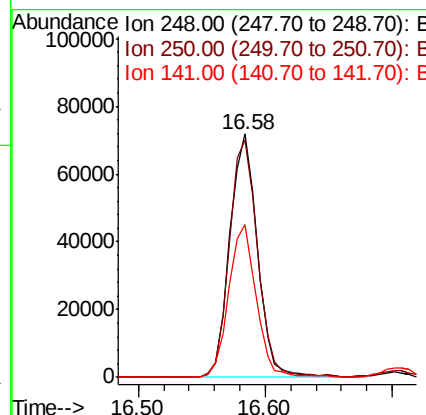
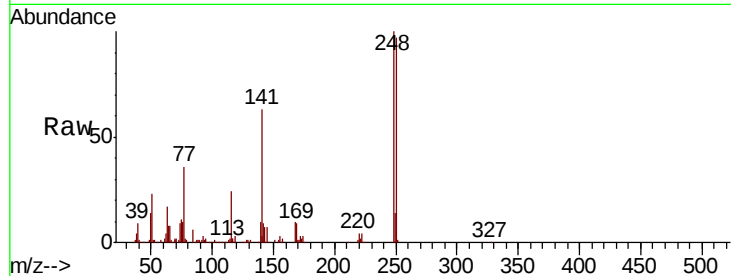




#67
 4-Bromophenyl-phenylether
 Concen: 38.689 ng
 RT: 16.58 min Scan# 2297
 Delta R.T. -0.00 min
 Lab File: BG043329.D
 Acq: 24 Oct 2019 13:42

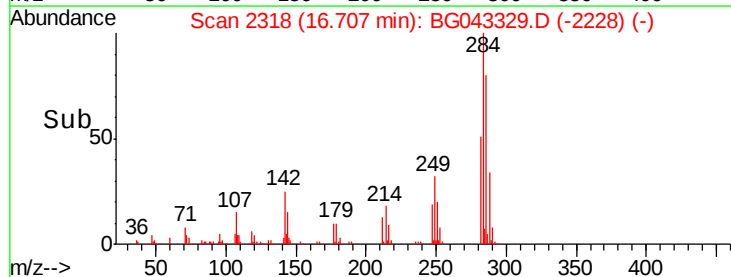
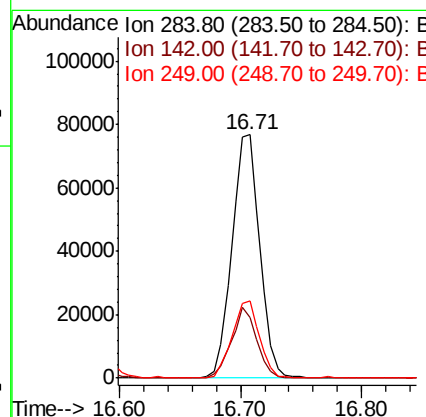
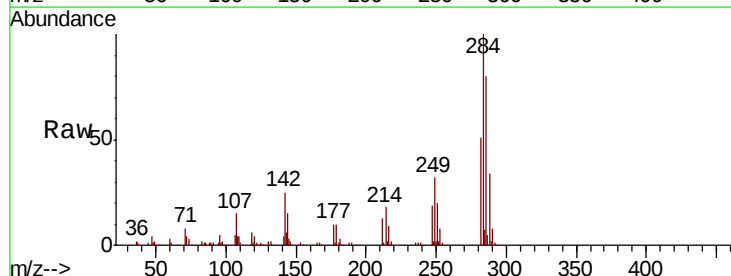
Instrument :
 BNA_G
 ClientSampleId :
 PB124233BS

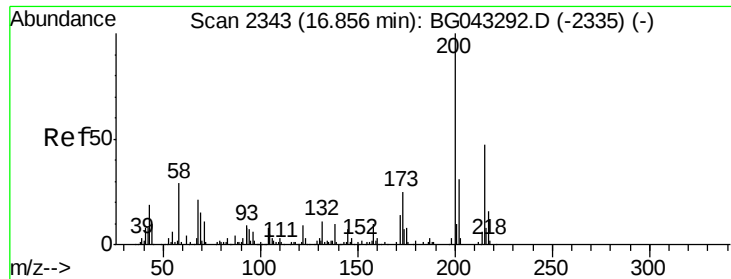
Tot Ion	Ratio	Lower	Upper
248	100		
250	97.5	79.3	118.9
141	62.7	47.9	71.9



#68
 Hexachlorobenzene
 Concen: 38.070 ng
 RT: 16.71 min Scan# 2318
 Delta R.T. -0.00 min
 Lab File: BG043329.D
 Acq: 24 Oct 2019 13:42

Tgt Ion	Ratio	Lower	Upper
284	100		
142	24.6	21.1	31.7
249	31.7	24.4	36.6

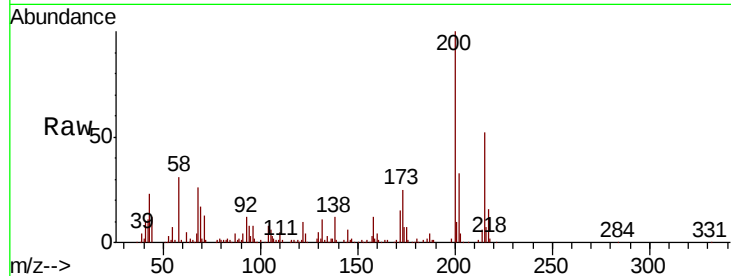




#69
 Atrazine
 Concen: 51.966 ng
 RT: 16.85 min Scan# 2342
 Delta R.T. -0.01 min
 Lab File: BG043329.D
 Acq: 24 Oct 2019 13:42

Instrument :
 BNA_G
 ClientSampleID :
 PB124233BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.2	5.1	45.1
215	51.7	26.6	66.6

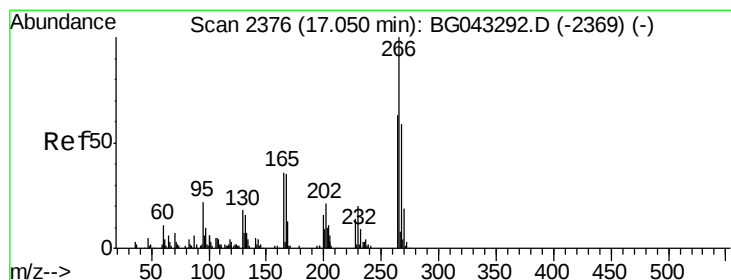
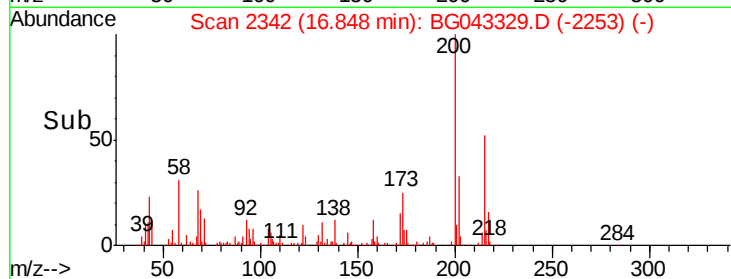
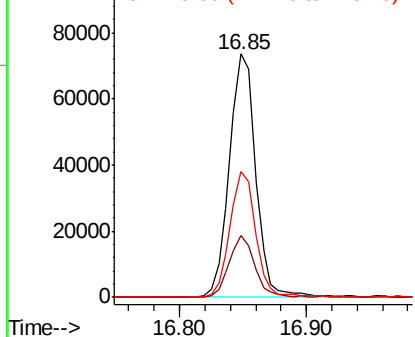


Abundance

Ion 200.00 (199.70 to 200.70): E

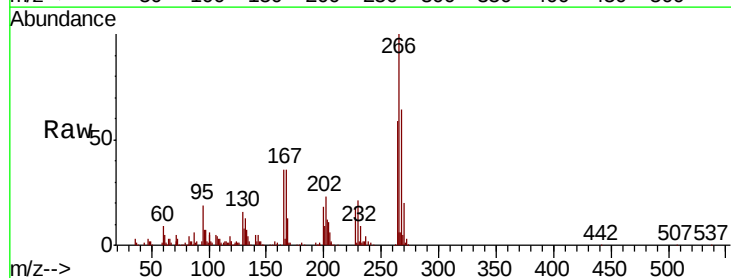
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 90.216 ng
 RT: 17.05 min Scan# 2376
 Delta R.T. -0.00 min
 Lab File: BG043329.D
 Acq: 24 Oct 2019 13:42

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.6	47.1	70.7
264	59.2	50.4	75.6

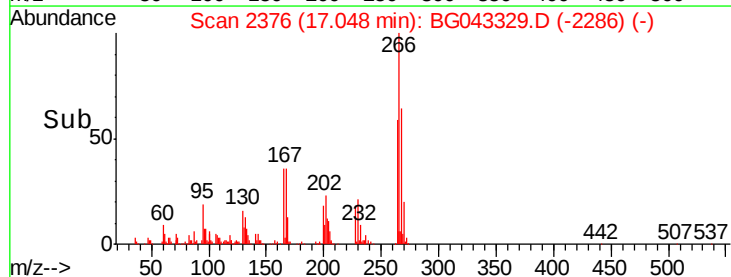
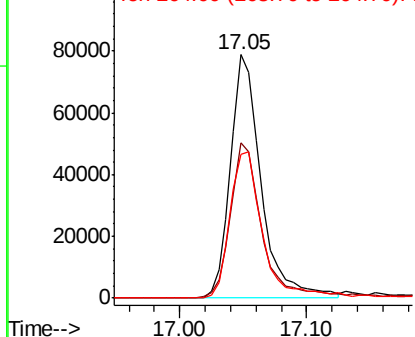


Abundance

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: 41.266 ng

RT: 17.44 min Scan# 2442

Delta R.T. -0.01 min

Lab File: BG043329.D

Acq: 24 Oct 2019 13:42

Instrument :

BNA_G

ClientSampleId :

PB124233BS

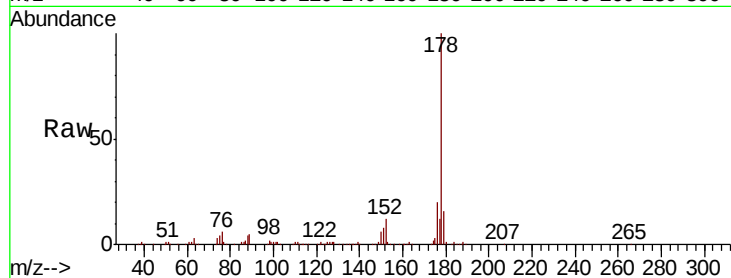
Tot Ion:178 Resp: 438984

Ion Ratio Lower Upper

178 100

176 20.4 15.8 23.8

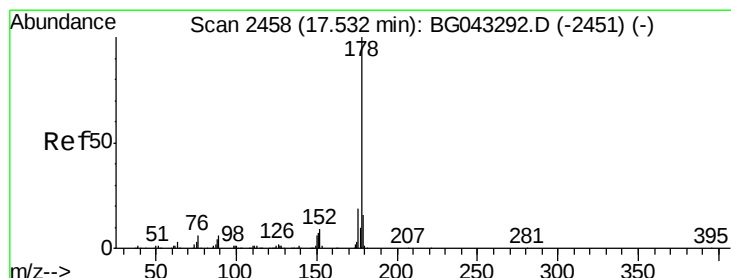
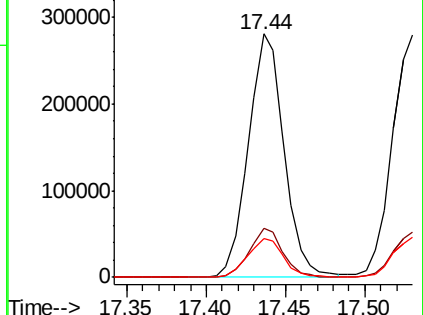
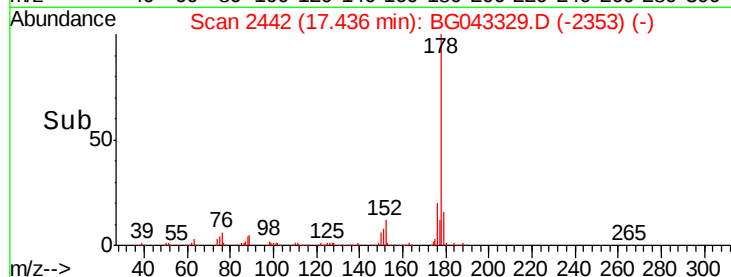
179 15.9 13.1 19.7



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: 42.472 ng

RT: 17.53 min Scan# 2458

Delta R.T. -0.00 min

Lab File: BG043329.D

Acq: 24 Oct 2019 13:42

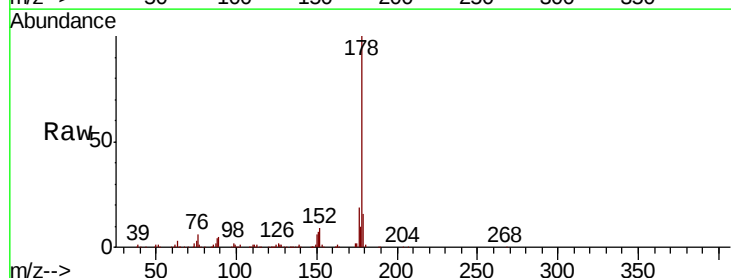
Tgt Ion:178 Resp: 452046

Ion Ratio Lower Upper

178 100

176 18.9 15.1 22.7

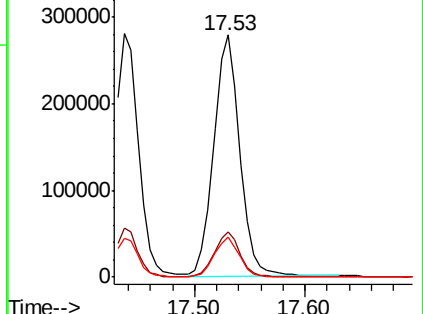
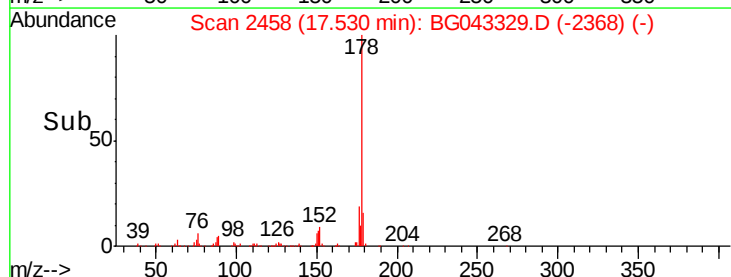
179 16.4 13.0 19.6



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

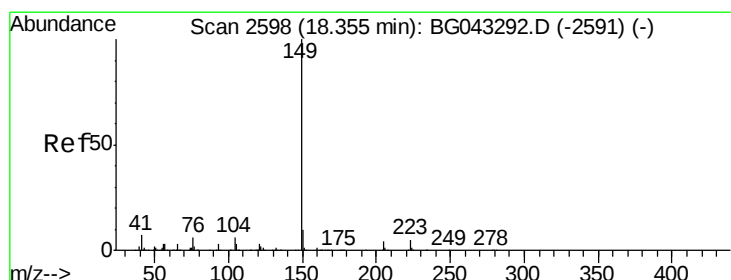
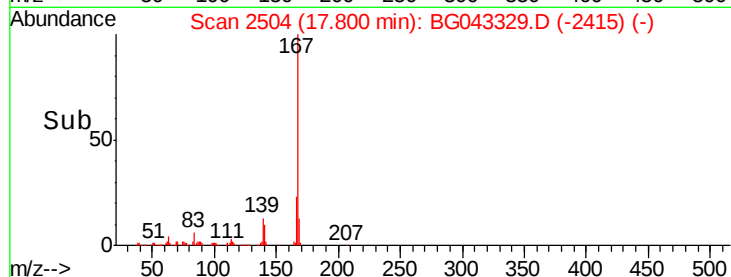
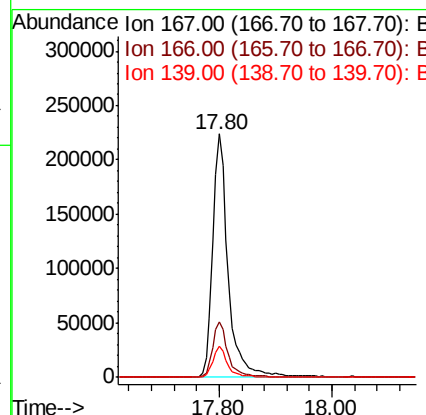
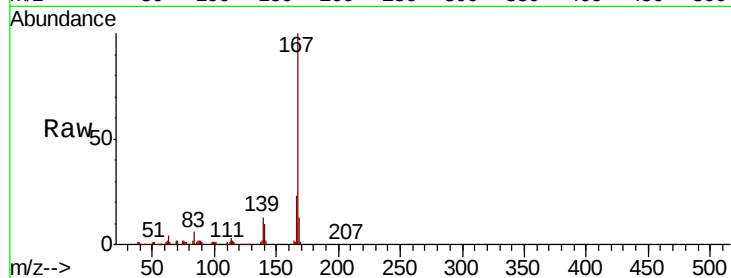




#73
 Carbazole
 Concen: 44.257 ng
 RT: 17.80 min Scan# 2504
 Delta R.T. -0.01 min
 Lab File: BG043329.D
 Acq: 24 Oct 2019 13:42

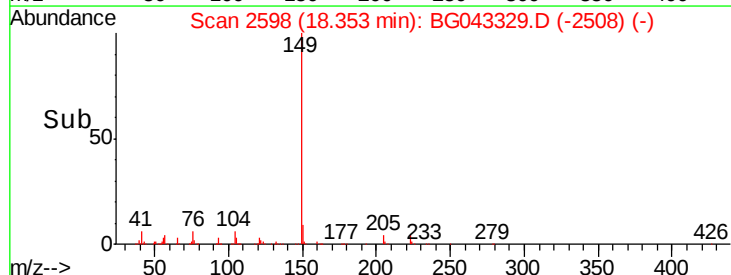
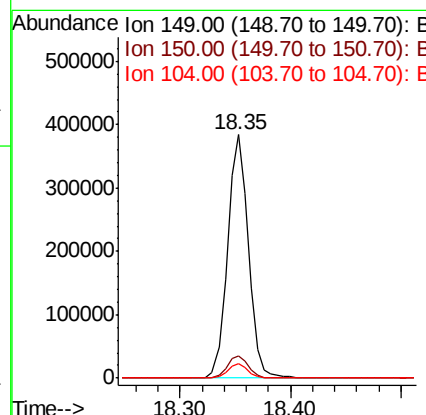
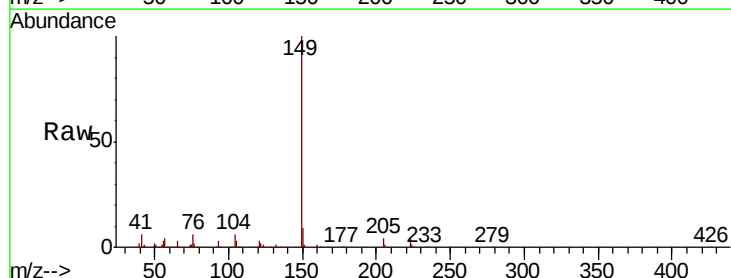
Instrument :
 BNA_G
 ClientSampleId :
 PB124233BS

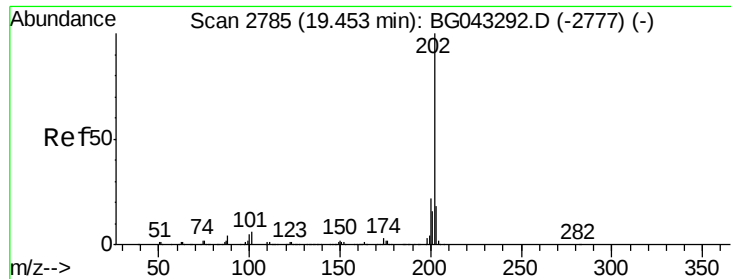
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.6	18.4	27.6
139	12.8	10.2	15.4



#74
 Di-n-butylphthalate
 Concen: 43.214 ng
 RT: 18.35 min Scan# 2598
 Delta R.T. -0.00 min
 Lab File: BG043329.D
 Acq: 24 Oct 2019 13:42

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	8.0	12.0
104	5.9	4.7	7.1





#75

Fluoranthene

Concen: 44.915 ng

RT: 19.45 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BG043329.D

Acq: 24 Oct 2019 13:42

Instrument :

BNA_G

ClientSampleId :

PB124233BS

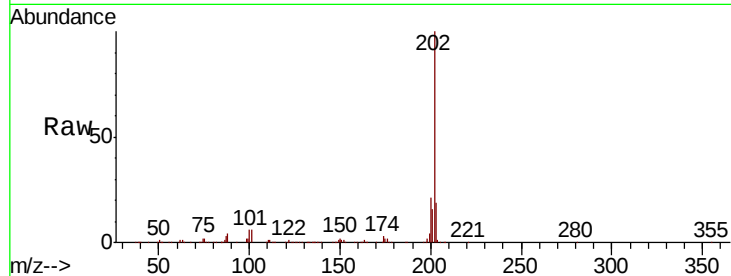
Tot Ion:202 Resp: 622895

Ion Ratio Lower Upper

202 100

101 6.2 0.0 26.0

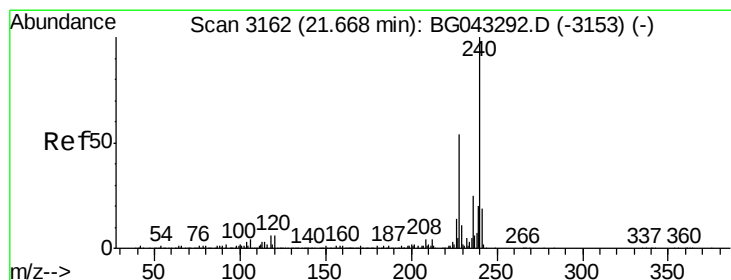
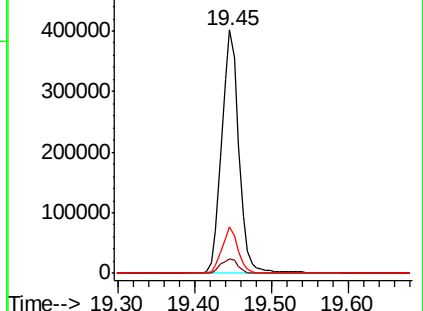
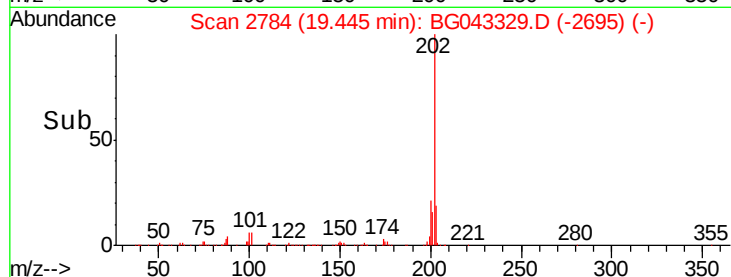
203 18.9 0.0 38.2



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: 21.66 min Scan# 3161

Delta R.T. -0.01 min

Lab File: BG043329.D

Acq: 24 Oct 2019 13:42

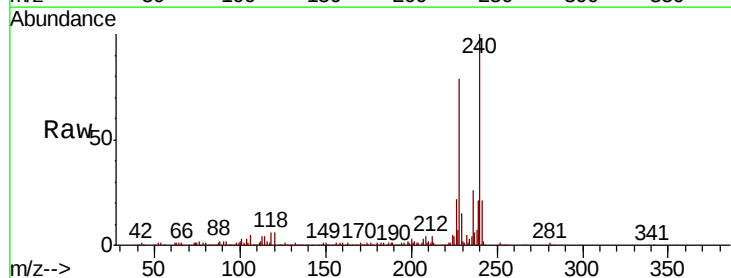
Tgt Ion:240 Resp: 258479

Ion Ratio Lower Upper

240 100

120 5.7 4.6 7.0

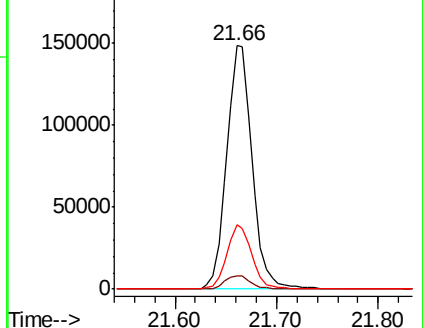
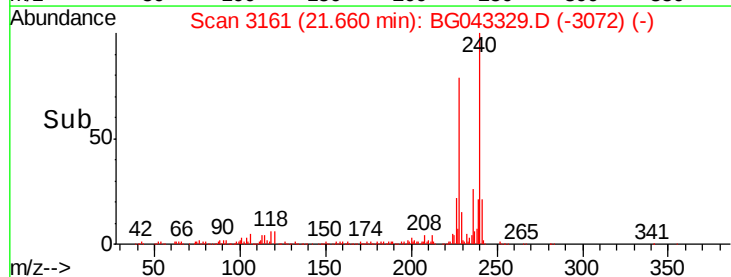
236 26.4 20.2 30.4

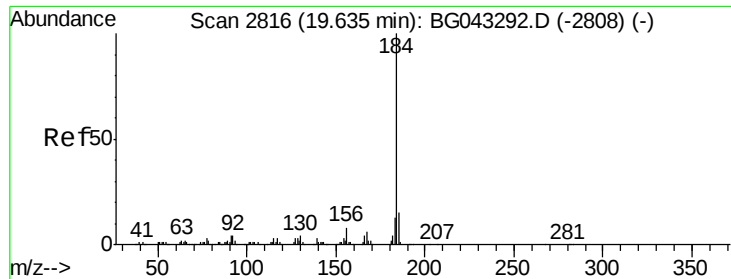


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 66.676 ng

RT: 19.63 min Scan# 2815

Delta R.T. -0.01 min

Lab File: BG043329.D

Acq: 24 Oct 2019 13:42

Instrument :

BNA_G

ClientSampleId :

PB124233BS

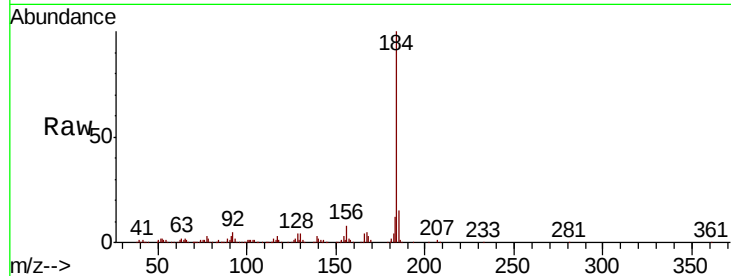
Tot Ion:184 Resp: 346848

Ion Ratio Lower Upper

184 100

185 14.7 11.8 17.6

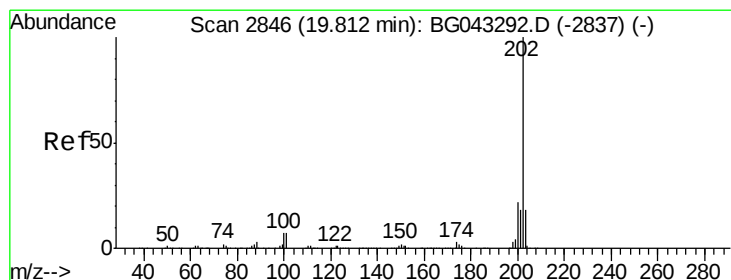
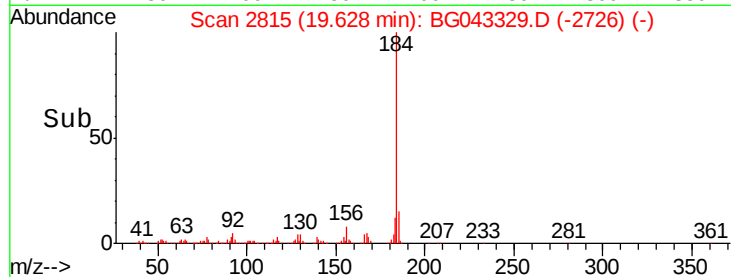
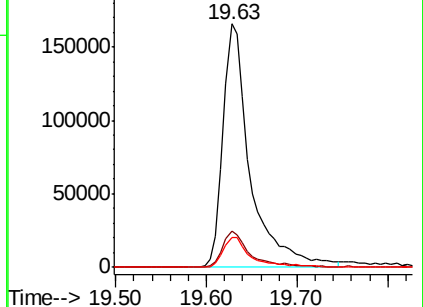
183 12.0 10.6 16.0



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: 39.624 ng

RT: 19.81 min Scan# 2846

Delta R.T. -0.00 min

Lab File: BG043329.D

Acq: 24 Oct 2019 13:42

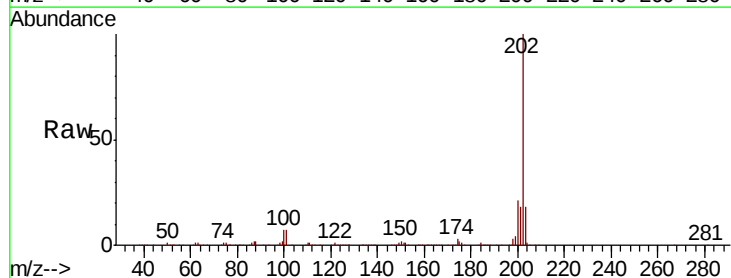
Tgt Ion:202 Resp: 633966

Ion Ratio Lower Upper

202 100

200 20.8 17.3 25.9

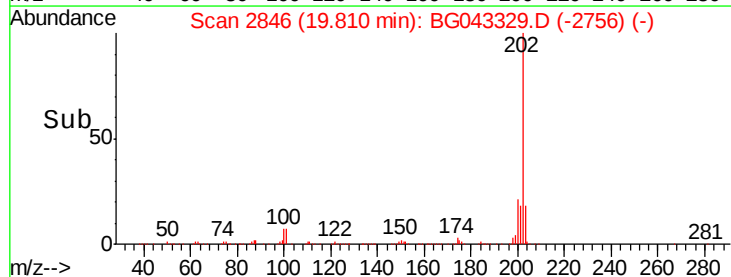
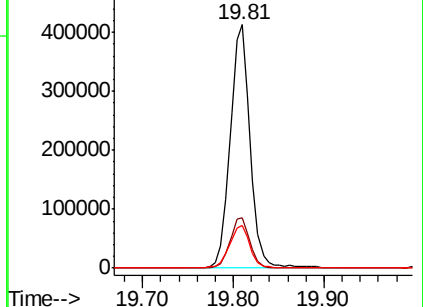
203 17.5 14.5 21.7

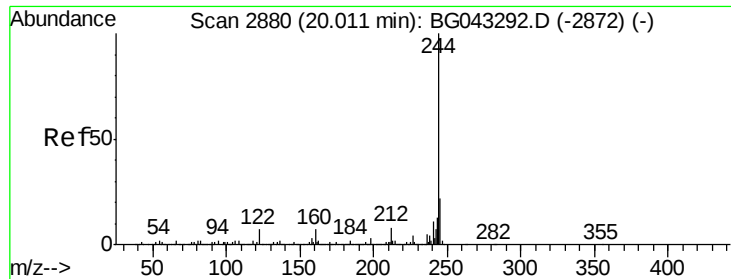


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 62.907 ng

RT: 20.00 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG043329.D

Acq: 24 Oct 2019 13:42

Instrument :

BNA_G

ClientSampleId :

PB124233BS

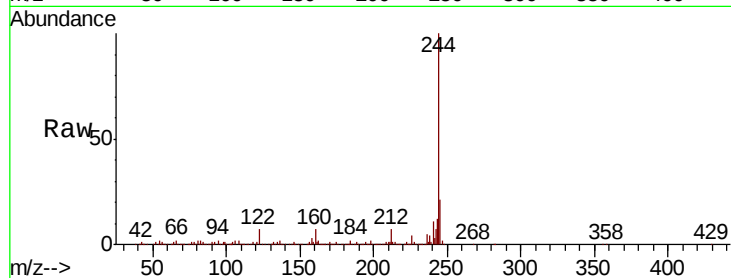
Tot Ion:244 Resp: 866725

Ion Ratio Lower Upper

244 100

212 7.1 6.4 9.6

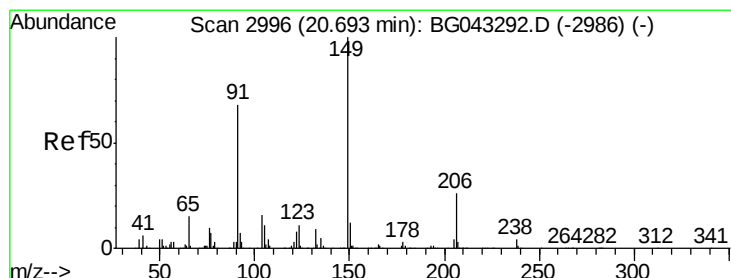
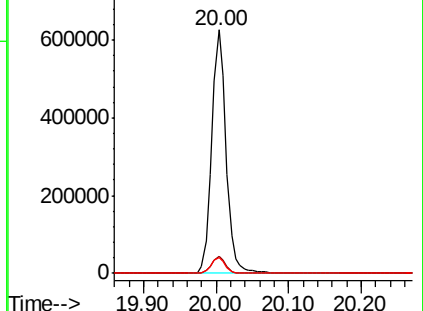
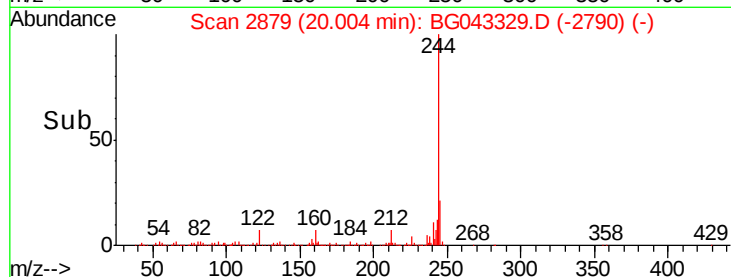
122 6.7 5.3 7.9



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: 39.890 ng

RT: 20.69 min Scan# 2996

Delta R.T. -0.00 min

Lab File: BG043329.D

Acq: 24 Oct 2019 13:42

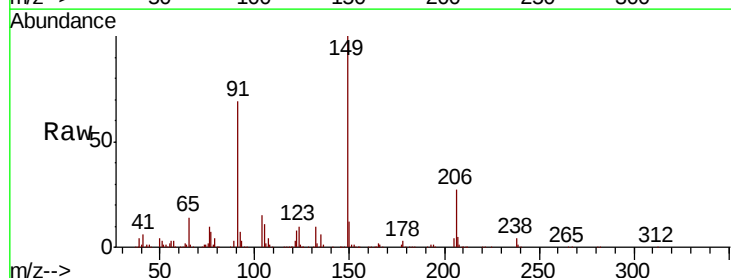
Tgt Ion:149 Resp: 241798

Ion Ratio Lower Upper

149 100

91 69.1 54.6 82.0

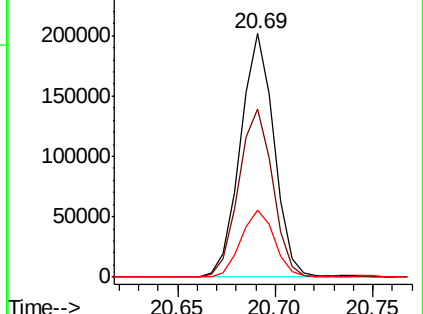
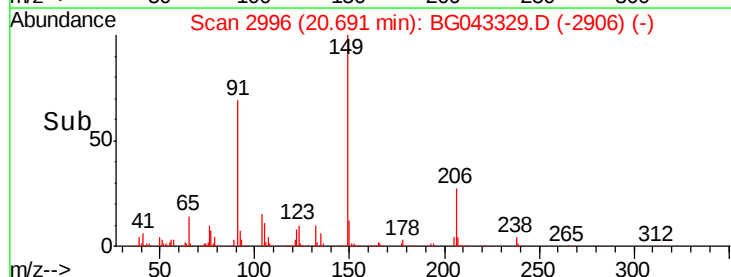
206 27.3 20.5 30.7

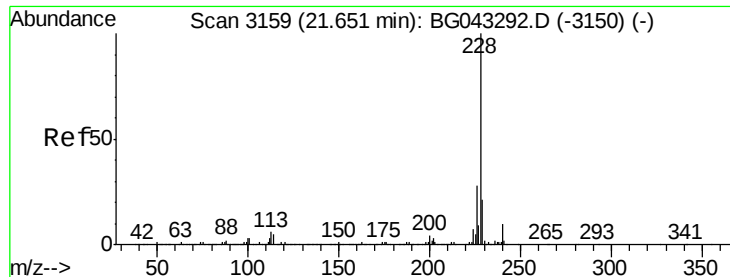


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

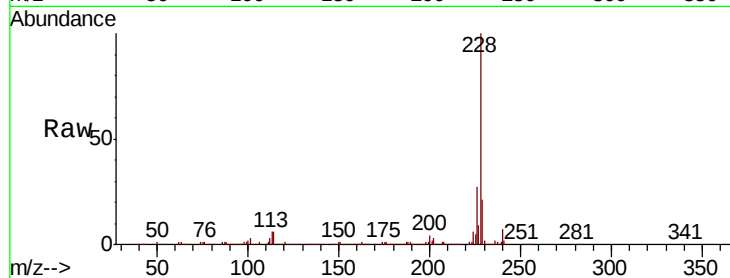




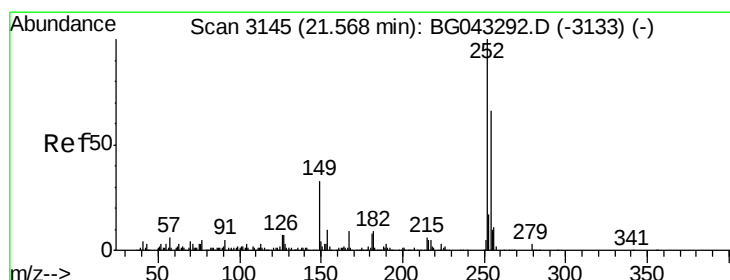
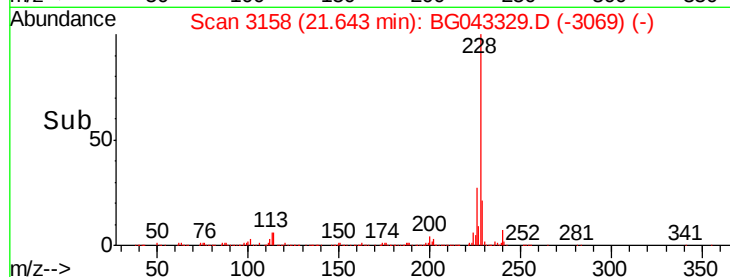
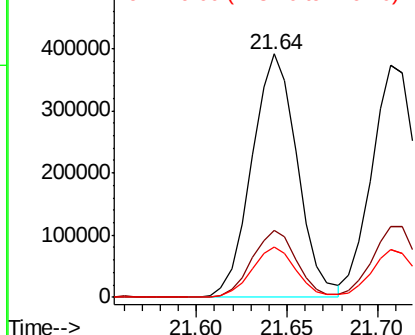
#81
Benzo(a)anthracene
Concen: 42.091 ng
RT: 21.64 min Scan# 3158
Delta R.T. -0.01 min
Lab File: BG043329.D
Acq: 24 Oct 2019 13:42

Instrument :
BNA_G
ClientSampleId :
PB124233BS

Tot Ion:228 Resp: 681497
Ion Ratio Lower Upper
228 100
226 27.4 22.2 33.4
229 20.7 16.9 25.3

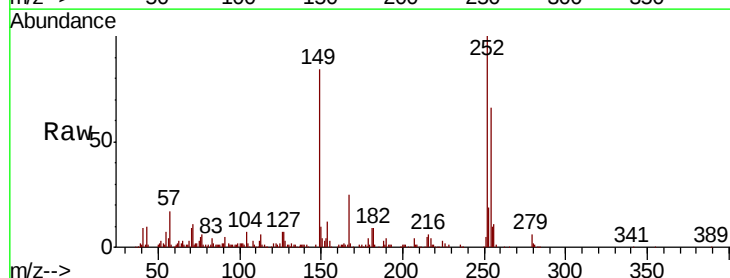


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

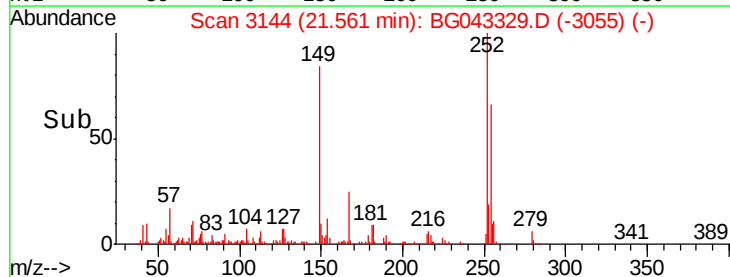
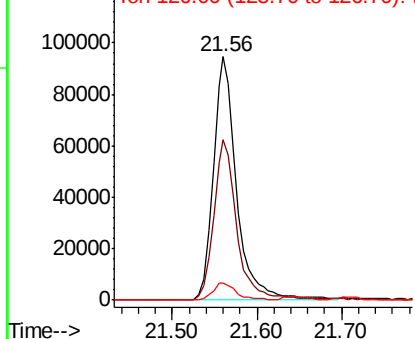


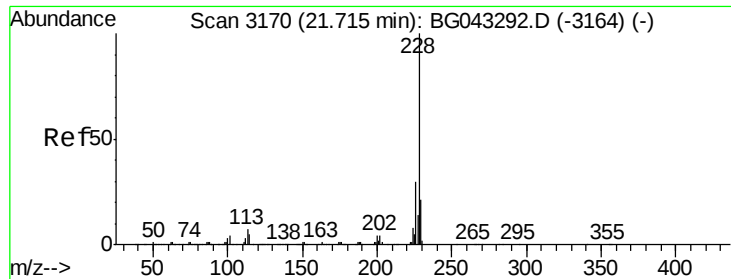
#82
3,3'-Dichlorobenzidine
Concen: 29.239 ng
RT: 21.56 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG043329.D
Acq: 24 Oct 2019 13:42

Tgt Ion:252 Resp: 183102
Ion Ratio Lower Upper
252 100
254 65.9 52.7 79.1
126 7.1 5.6 8.4



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





#83

Chrysene

Concen: 41.350 ng

RT: 21.71 min Scan# 3169

Delta R.T. -0.01 min

Lab File: BG043329.D

Acq: 24 Oct 2019 13:42

Instrument :

BNA_G

ClientSampleId :

PB124233BS

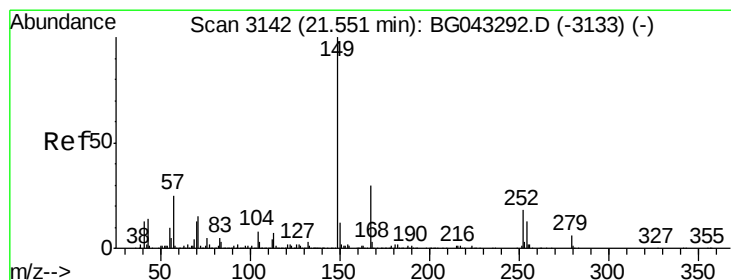
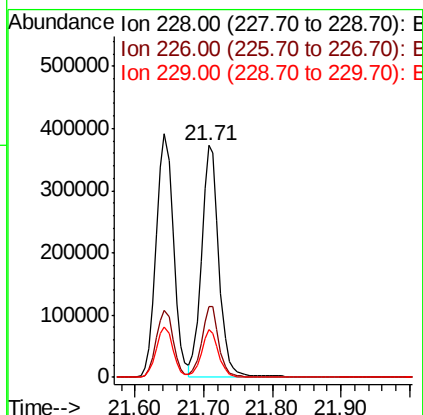
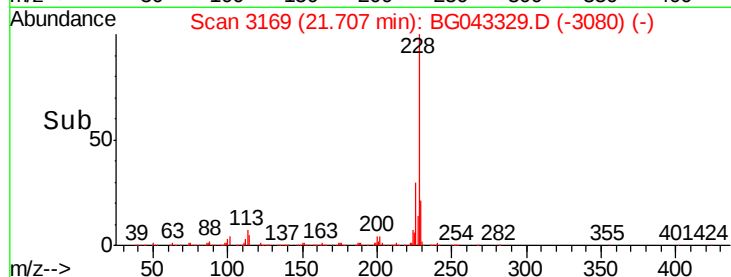
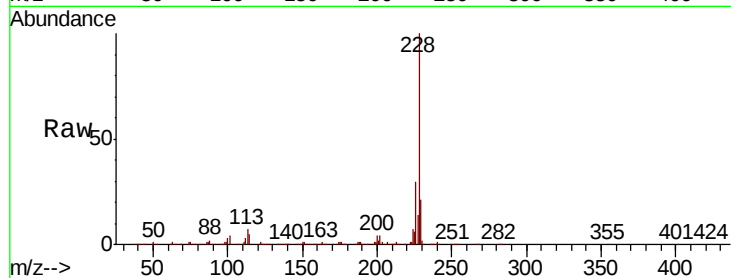
Tot Ion:228 Resp: 665188

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.8	35.8
229	20.5	16.3	24.5

228 100

226 30.4 23.8 35.8

229 20.5 16.3 24.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.243 ng

RT: 21.55 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG043329.D

Acq: 24 Oct 2019 13:42

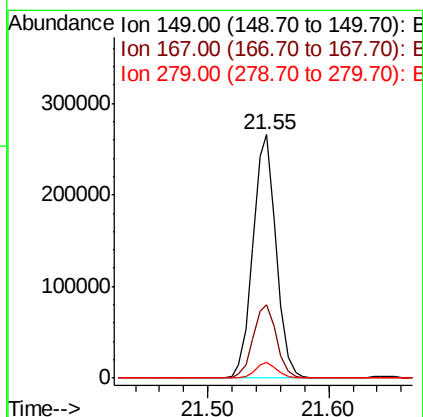
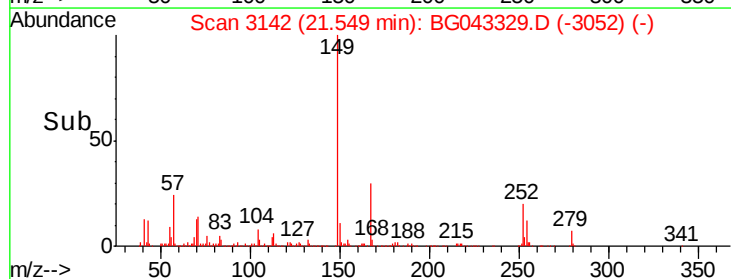
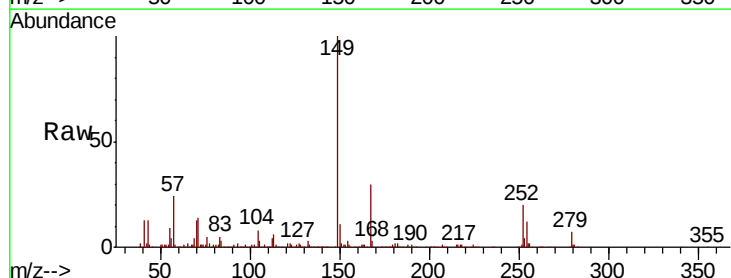
Tgt Ion:149 Resp: 355123

Ion	Ratio	Lower	Upper
149	100		
167	29.9	23.9	35.9
279	6.7	4.8	7.2

149 100

167 29.9 23.9 35.9

279 6.7 4.8 7.2





#85

Di-n-octyl phthalate

Concen: 42.063 ng

RT: 22.75 min Scan# 3346

Delta R.T. -0.01 min

Lab File: BG043329.D

Acq: 24 Oct 2019 13:42

Instrument :

BNA_G

ClientSampleId :

PB124233BS

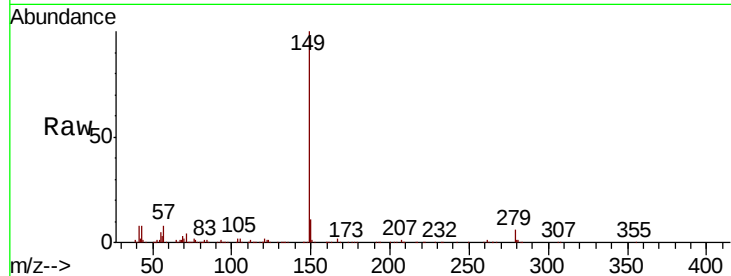
Tot Ion:149 Resp: 614481

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

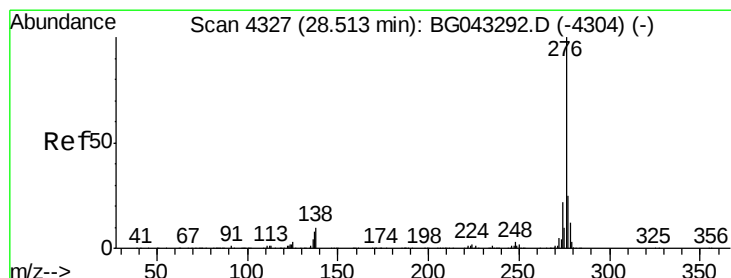
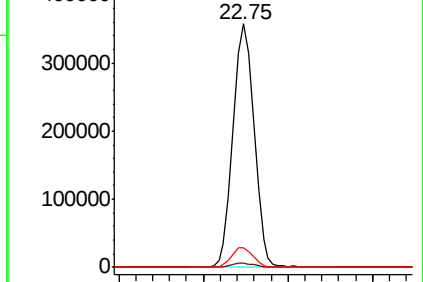
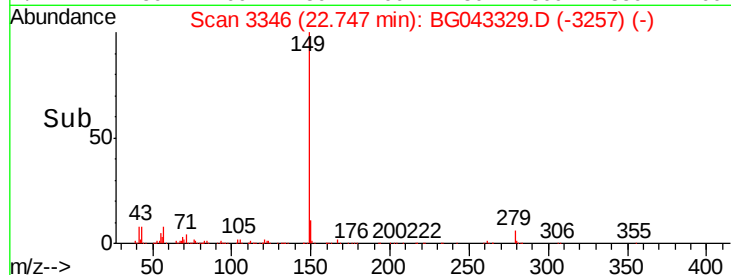
43 8.4 6.9 10.3



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: 41.674 ng

RT: 28.50 min Scan# 4325

Delta R.T. -0.01 min

Lab File: BG043329.D

Acq: 24 Oct 2019 13:42

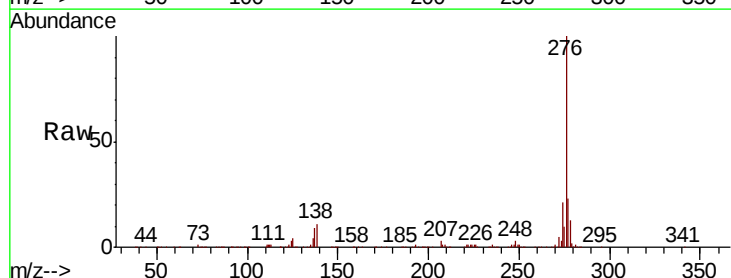
Tgt Ion:276 Resp: 841533

Ion Ratio Lower Upper

276 100

138 7.8 7.2 10.8

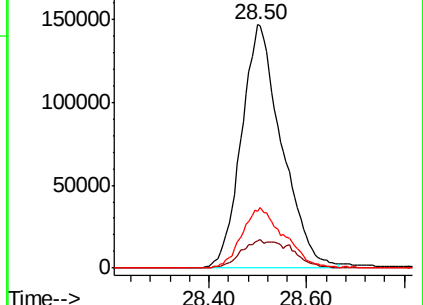
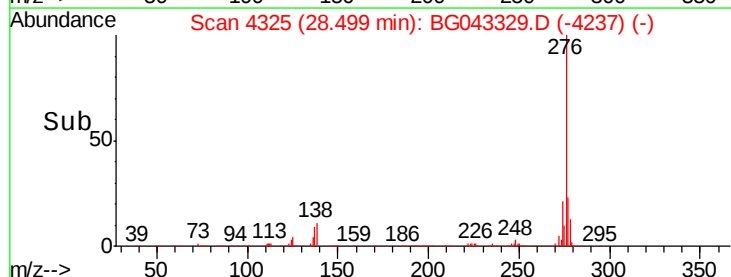
277 26.0 20.9 31.3



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: 24.86 min Scan# 3706

Delta R.T. -0.01 min

Lab File: BG043329.D

Acq: 24 Oct 2019 13:42

Instrument :

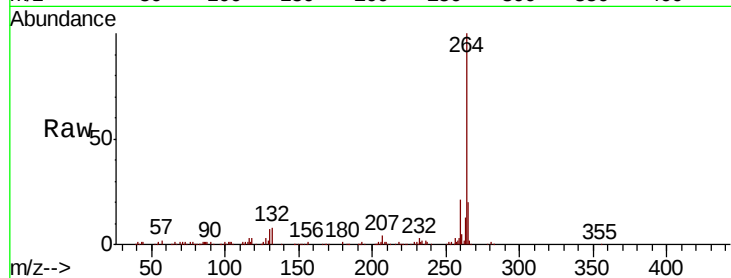
BNA_G

ClientSampleId :

PB124233BS

Tot Ion:264 Resp: 302043

Ion	Ratio	Lower	Upper
264	100		
260	21.0	17.9	26.9
265	20.5	17.4	26.2

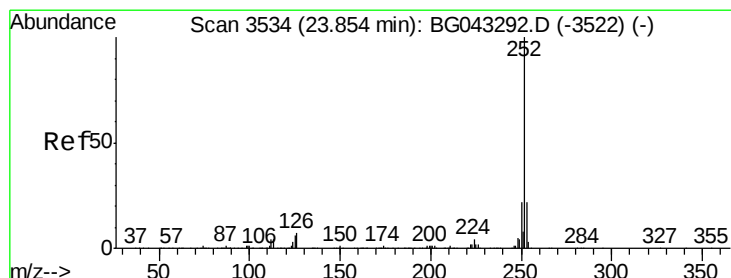
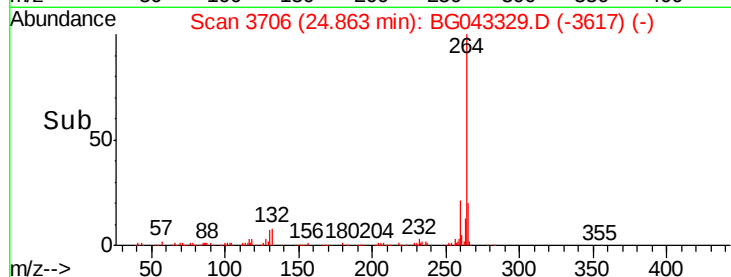
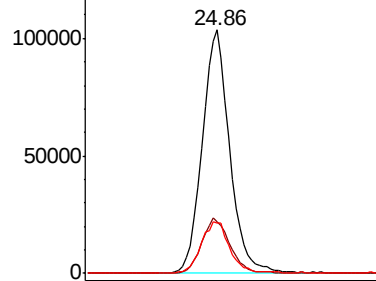


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 40.649 ng

RT: 23.85 min Scan# 3533

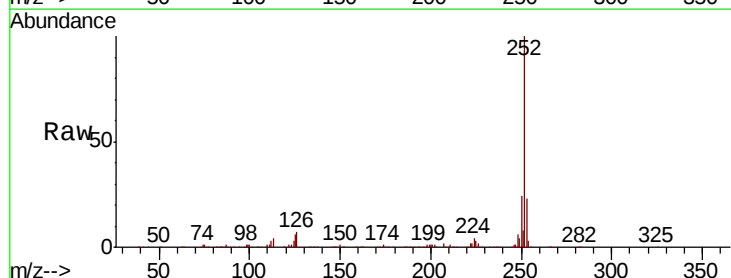
Delta R.T. -0.01 min

Lab File: BG043329.D

Acq: 24 Oct 2019 13:42

Tgt Ion:252 Resp: 695369

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.2
125	5.8	5.0	7.6

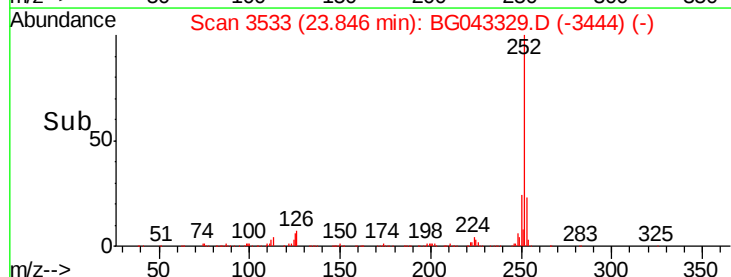
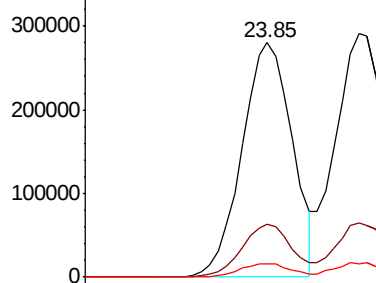


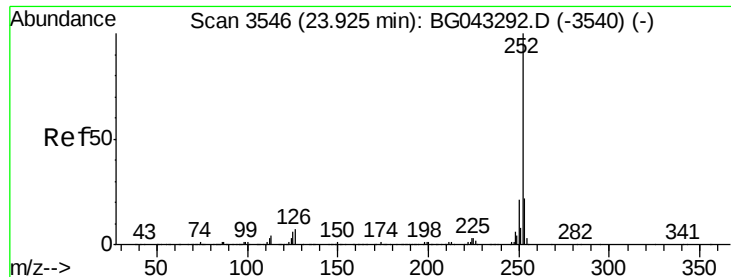
Abundance

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

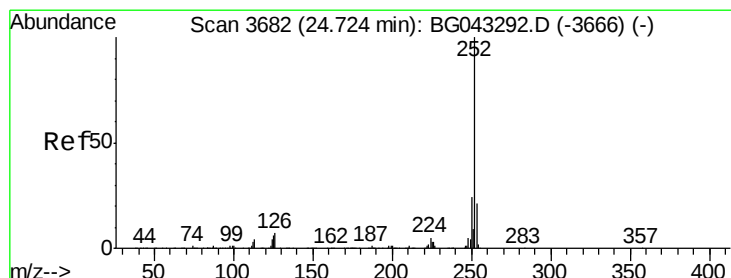
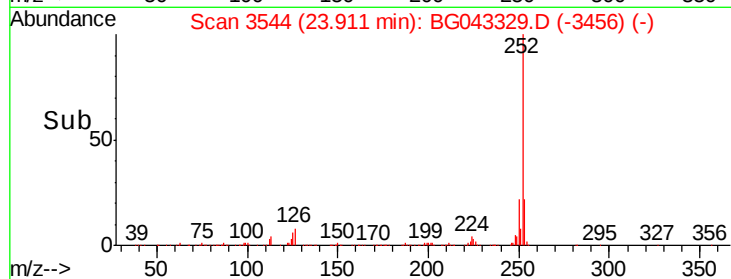
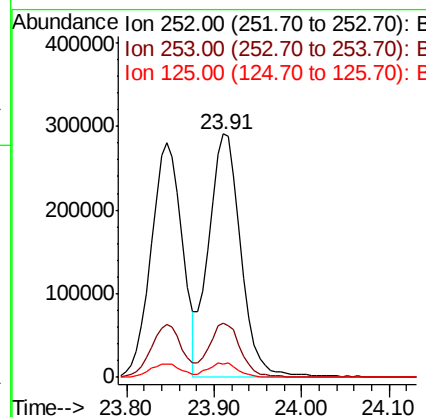
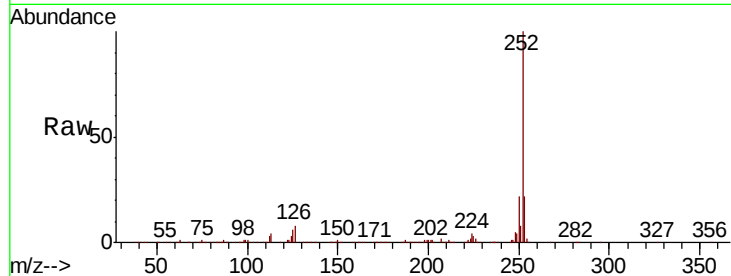




#89
Benzo(k)fluoranthene
Concen: 43.086 ng
RT: 23.91 min Scan# 3544
Delta R.T. -0.01 min
Lab File: BG043329.D
Acq: 24 Oct 2019 13:42

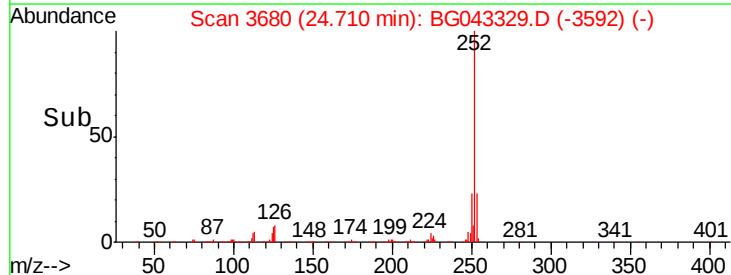
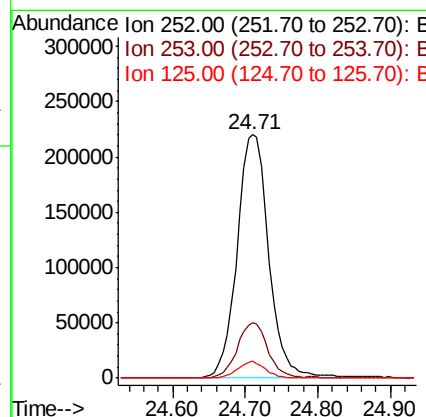
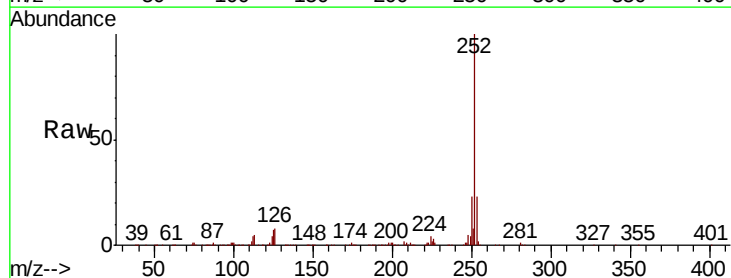
Instrument :
BNA_G
ClientSampleId :
PB124233BS

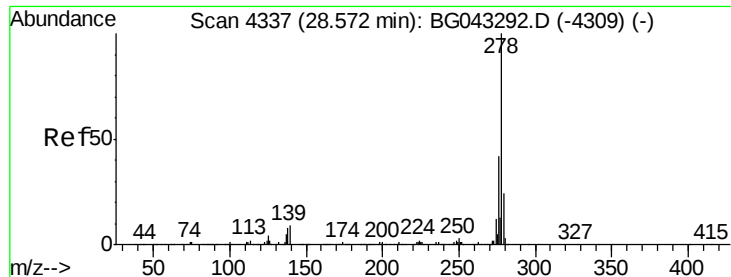
Tot Ion:252 Resp: 742012
Ion Ratio Lower Upper
252 100
253 22.4 17.6 26.4
125 5.5 4.5 6.7



#90
Benzo(a)pyrene
Concen: 40.731 ng
RT: 24.71 min Scan# 3680
Delta R.T. -0.01 min
Lab File: BG043329.D
Acq: 24 Oct 2019 13:42

Tgt Ion:252 Resp: 665372
Ion Ratio Lower Upper
252 100
253 22.8 17.2 25.8
125 6.8 5.0 7.6





#91

Dibenzo(a,h)anthracene

Concen: 42.741 ng

RT: 28.56 min Scan# 4336

Delta R.T. -0.01 min

Lab File: BG043329.D

Acq: 24 Oct 2019 13:42

Instrument :

BNA_G

ClientSampleId :

PB124233BS

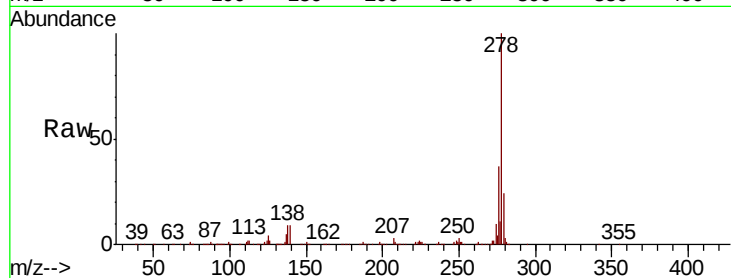
Tot Ion:278 Resp: 714165

Ion Ratio Lower Upper

278 100

139 9.0 6.8 10.2

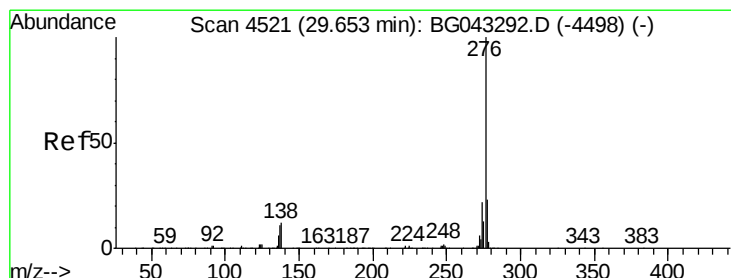
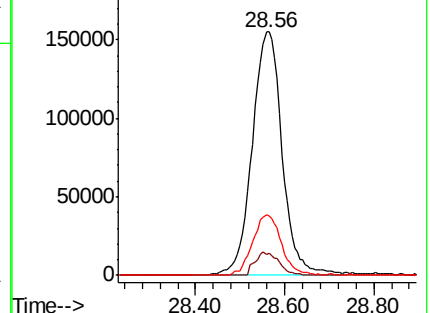
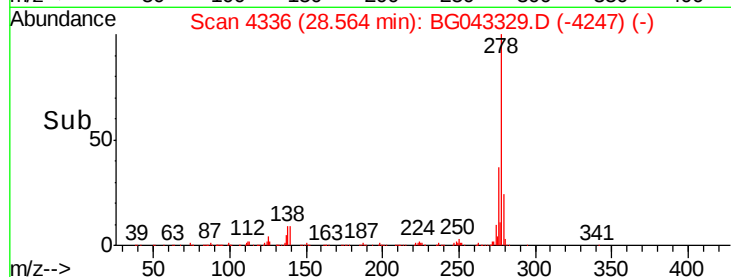
279 24.4 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 42.665 ng

RT: 29.64 min Scan# 4519

Delta R.T. -0.01 min

Lab File: BG043329.D

Acq: 24 Oct 2019 13:42

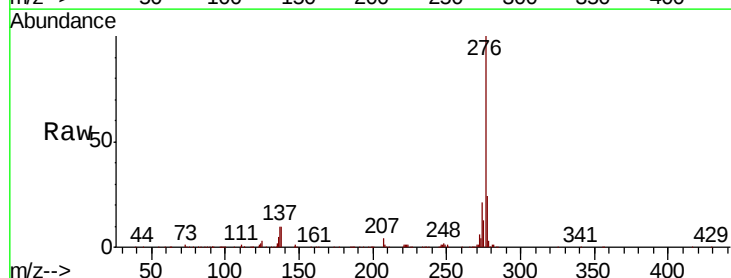
Tgt Ion:276 Resp: 703200

Ion Ratio Lower Upper

276 100

277 23.6 18.3 27.5

138 10.4 9.3 13.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

