

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102219\
 Data File : BG043304.D
 Acq On : 22 Oct 2019 13:14
 Operator : JU
 Sample : PB123887BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB123887BSD

Quant Time: Oct 22 18:26:39 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	34000	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	134048	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	97008	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	246812	20.00	ng	0.00
76) Chrysene-d12	21.67	240	293978	20.00	ng	0.00
87) Perylene-d12	24.87	264	340859	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	134666	72.58	ng	0.00
7) Phenol-d6	7.20	99	188084	70.46	ng	0.00
23) Nitrobenzene-d5	9.19	82	173308	66.65	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	130038	70.44	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	495377	70.56	ng	0.00
79) Terphenyl-d14	20.01	244	1047799	66.87	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	28816	39.853	ng	94
3) Pyridine	3.89	79	66702	36.571	ng	99
4) n-Nitrosodimethylamine	3.80	42	38747	42.099	ng	# 99
6) Aniline	7.35	93	91150	29.640	ng	97
8) 2-Chlorophenol	7.59	128	88375	43.148	ng	96
9) Benzaldehyde	7.16	77	49807	37.965	ng	84
10) Phenol	7.23	94	108051	44.294	ng	99
11) bis(2-Chloroethyl)ether	7.44	93	73219	38.822	ng	98
12) 1,3-Dichlorobenzene	7.92	146	97806	38.113	ng	96
13) 1,4-Dichlorobenzene	8.06	146	101310	39.020	ng	95
14) 1,2-Dichlorobenzene	8.38	146	96180	37.940	ng	96
15) Benzyl Alcohol	8.27	79	74970	39.988	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.55	45	100906	36.795	ng	98
17) 2-Methylphenol	8.48	107	75203	42.289	ng	97
18) Hexachloroethane	9.11	117	35119	37.490	ng	95
19) n-Nitroso-di-n-propylamine	8.83	70	63909	37.049	ng	97
20) 3+4-Methylphenols	8.81	107	101433	41.596	ng	95
22) Acetophenone	8.85	105	127484	37.137	ng	# 97
24) Nitrobenzene	9.23	77	97738	39.460	ng	98
25) Isophorone	9.75	82	182443	38.379	ng	99
26) 2-Nitrophenol	9.94	139	50574	42.293	ng	88
27) 2,4-Dimethylphenol	10.01	122	83165	48.523	ng	98
28) bis(2-Chloroethoxy)methane	10.23	93	101853	38.821	ng	# 97
29) 2,4-Dichlorophenol	10.48	162	90115	41.036	ng	91
30) 1,2,4-Trichlorobenzene	10.70	180	104105	37.614	ng	95
31) Naphthalene	10.88	128	269360	39.587	ng	98
32) Benzoic acid	10.16	122	38087	32.666	ng	93
33) 4-Chloroaniline	11.00	127	51109	18.324	ng	97
34) Hexachlorobutadiene	11.17	225	74741	36.531	ng	94
35) Caprolactam	11.76	113	14317	18.930	ng	92
36) 4-Chloro-3-methylphenol	12.12	107	100665	42.025	ng	100
37) 2-Methylnaphthalene	12.49	142	202686	38.823	ng	98
38) 1-Methylnaphthalene	12.71	142	190508	38.352	ng	90
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	135140	37.642	ng	98

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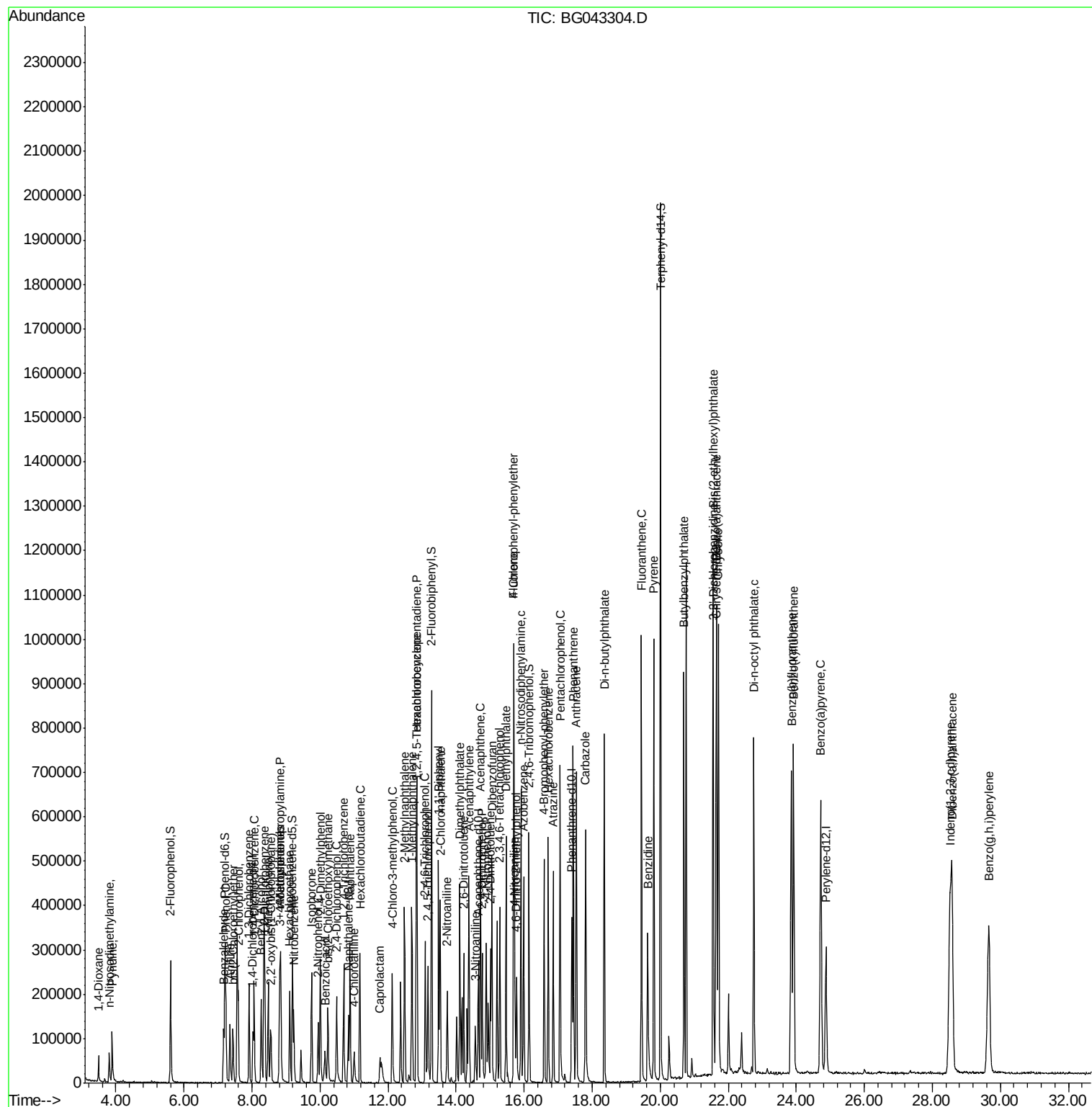
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	182583	96.814	nq	100
43) 2,4,6-Trichlorophenol	13.09	196	88414	41.818	nq	97
44) 2,4,5-Trichlorophenol	13.17	196	91594	42.852	nq	96
46) 1,1'-Biphenyl	13.49	154	282092	38.225	nq	99
47) 2-Chloronaphthalene	13.53	162	219120	39.023	nq	99
48) 2-Nitroaniline	13.74	65	67099	39.982	nq	94
49) Acenaphthylene	14.38	152	364555	41.715	nq	97
50) Dimethylphthalate	14.11	163	298089	39.671	nq	99
51) 2,6-Dinitrotoluene	14.23	165	69658	42.672	nq	94
52) Acenaphthene	14.72	154	211008	39.593	nq	98
53) 3-Nitroaniline	14.56	138	40679	25.811	nq	96
54) 2,4-Dinitrophenol	14.77	184	77499	76.390	nq	93
55) Dibenzofuran	15.06	168	352254	40.758	nq	100
56) 4-Nitrophenol	14.89	139	105672	100.054	nq	95
57) 2,4-Dinitrotoluene	15.01	165	99703	42.738	nq	98
58) Fluorene	15.70	166	303425	41.860	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.28	232	99719	43.910	nq	# 99
60) Diethylphthalate	15.47	149	310246	41.093	nq	99
61) 4-Chlorophenyl-phenylether	15.69	204	174072	41.165	nq	99
62) 4-Nitroaniline	15.73	138	70605	43.378	nq	95
63) Azobenzene	15.98	77	254406	41.636	nq	96
65) 4,6-Dinitro-2-methylphenol	15.78	198	63647	43.819	nq	98
66) n-Nitrosodiphenylamine	15.91	169	273093	39.192	nq	98
67) 4-Bromophenyl-phenylether	16.59	248	122933	37.011	nq	100
68) Hexachlorobenzene	16.71	284	135547	35.551	nq	97
69) Atrazine	16.85	200	111864	46.200	nq	94
70) Pentachlorophenol	17.05	266	161307	92.849	nq	97
71) Phenanthrene	17.44	178	502669	39.772	nq	98
72) Anthracene	17.54	178	513647	40.620	nq	98
73) Carbazole	17.81	167	482660	42.150	nq	98
74) Di-n-butylphthalate	18.36	149	571838	41.156	nq	99
75) Fluoranthene	19.45	202	699036	42.425	nq	99
77) Benzidine	19.63	184	292731	49.478	nq	99
78) Pyrene	19.81	202	719698	39.551	nq	99
80) Butylbenzylphthalate	20.70	149	269825	39.139	nq	97
81) Benzo(a)anthracene	21.65	228	738293	40.093	nq	100
82) 3,3'-Dichlorobenzidine	21.57	252	188196	26.423	nq	98
83) Chrysene	21.71	228	725064	39.629	nq	99
84) Bis(2-ethylhexyl)phthalate	21.55	149	387535	39.572	nq	98
85) Di-n-octyl phthalate	22.75	149	671787	40.433	nq	100
86) Indeno(1,2,3-cd)pyrene	28.52	276	934935	40.709	nq	# 97
88) Benzo(b)fluoranthene	23.86	252	782387	40.527	nq	98
89) Benzo(k)fluoranthene	23.92	252	811028	41.731	nq	99
90) Benzo(a)pyrene	24.72	252	777449	42.172	nq	99
91) Dibenzo(a,h)anthracene	28.58	278	783004	41.525	nq	99
92) Benzo(g,h,i)perylene	29.66	276	782765	42.084	nq	99

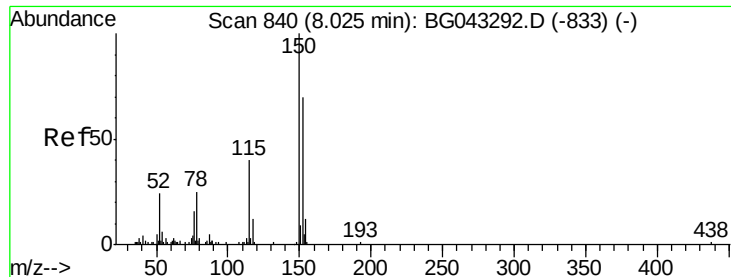
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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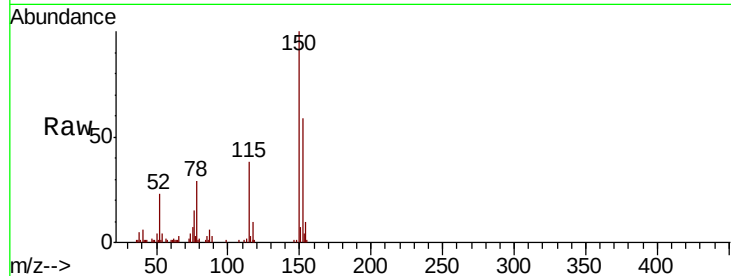


#1

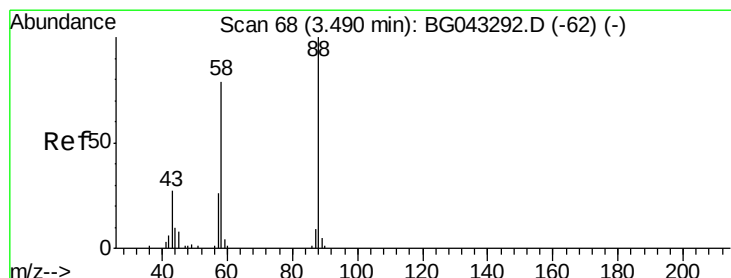
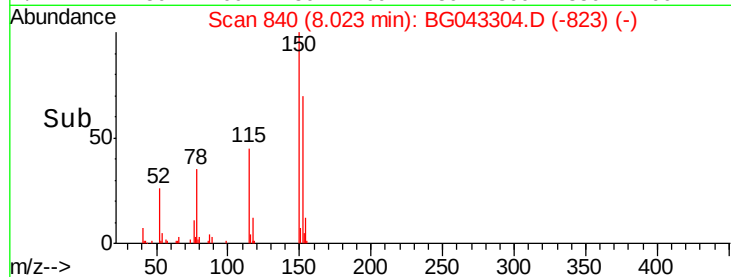
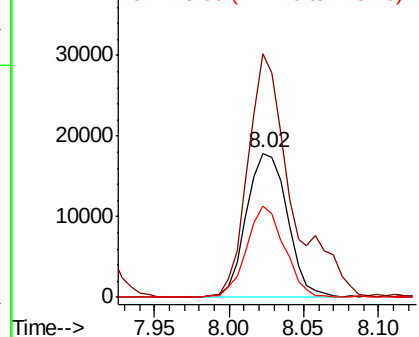
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG043304.D
Acq: 22 Oct 2019 13:14

Instrument :
BNA_G
ClientSampleId :
PB123887BSD

Tot Ion:152 Resp: 34000
Ion Ratio Lower Upper
152 100
150 168.8 113.6 170.4
115 63.4 45.9 68.9



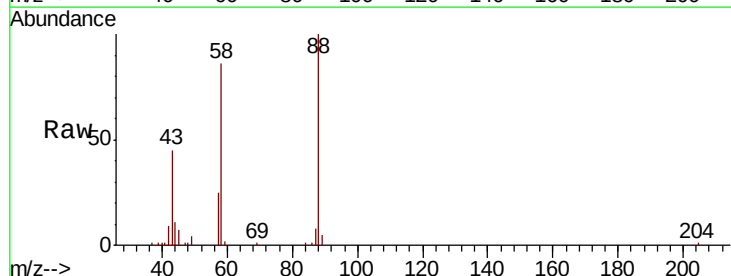
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



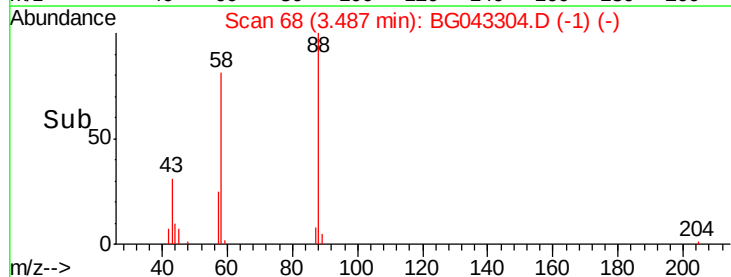
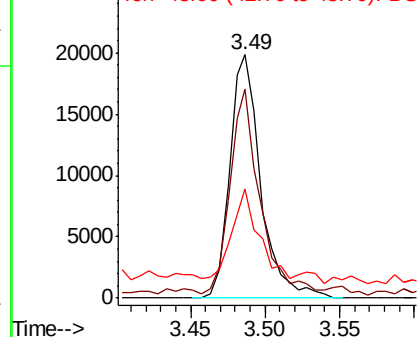
#2

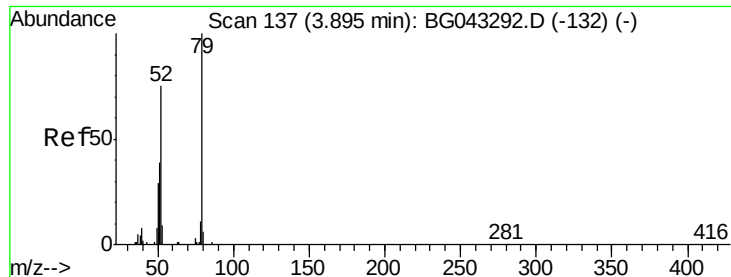
1,4-Dioxane
Concen: 39.853 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.00 min
Lab File: BG043304.D
Acq: 22 Oct 2019 13:14

Tgt Ion: 88 Resp: 28816
Ion Ratio Lower Upper
88 100
58 80.7 60.2 90.2
43 30.8 22.7 34.1



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 36.571 ng

RT: 3.89 min Scan# 136

Delta R.T. -0.01 min

Lab File: BG043304.D

Acq: 22 Oct 2019 13:14

Instrument :

BNA_G

ClientSampleId :

PB123887BSD

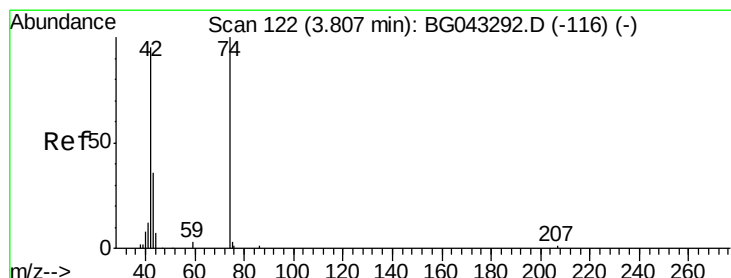
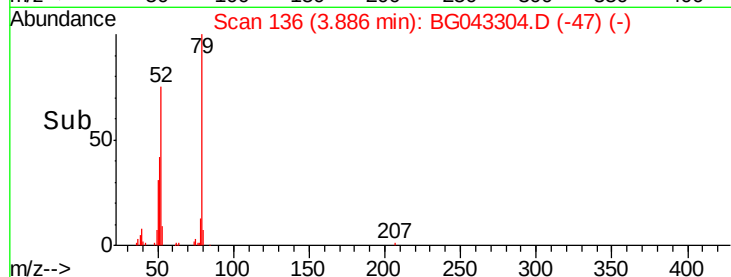
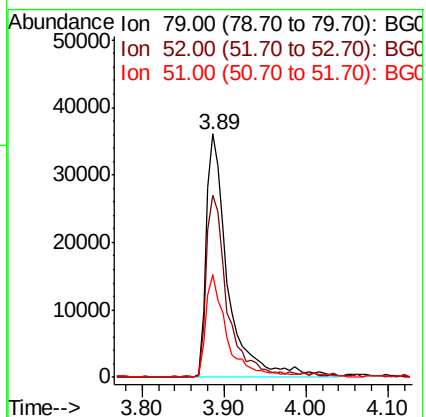
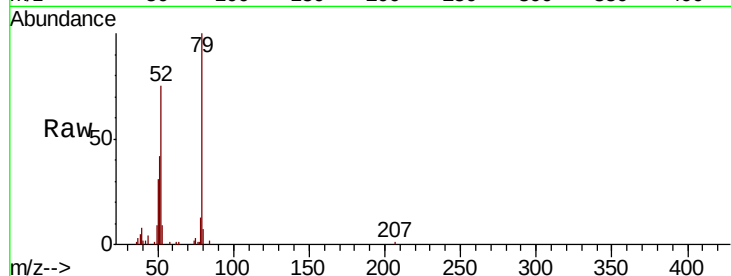
Tot Ion: 79 Resp: 66702

Ion Ratio Lower Upper

79 100

52 74.7 59.7 89.5

51 42.2 31.8 47.6



#4

n-Nitrosodimethylamine

Concen: 42.099 ng

RT: 3.80 min Scan# 122

Delta R.T. -0.00 min

Lab File: BG043304.D

Acq: 22 Oct 2019 13:14

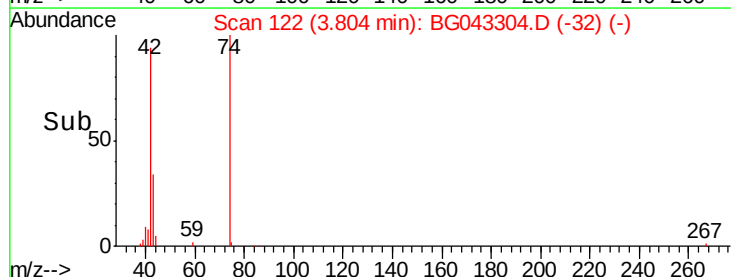
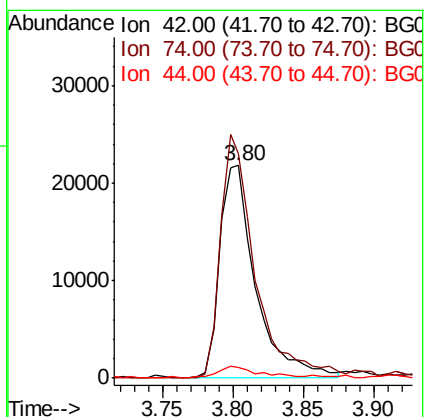
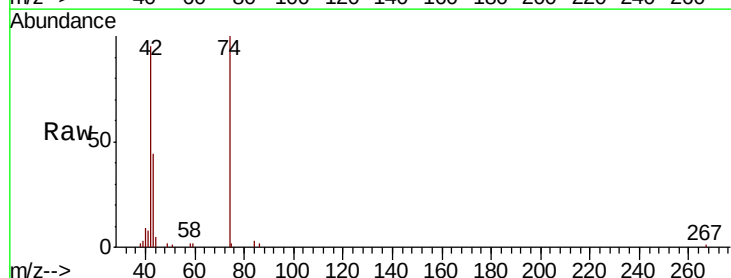
Tgt Ion: 42 Resp: 38747

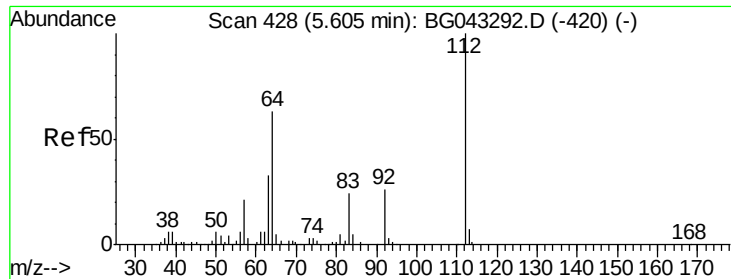
Ion Ratio Lower Upper

42 100

74 105.5 84.2 126.2

44 5.2 6.0 9.0#





#5

2-Fluorophenol

Concen: 72.579 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.00 min

Lab File: BG043304.D

Acq: 22 Oct 2019 13:14

Instrument :

BNA_G

ClientSampleId :

PB123887BSD

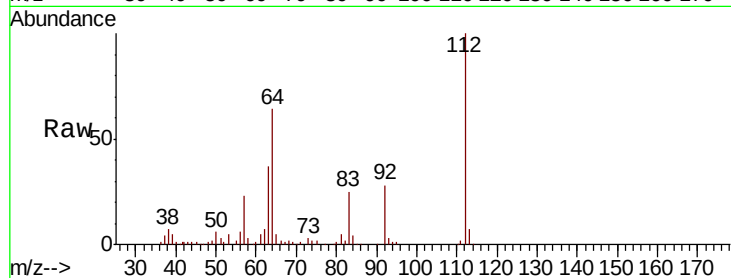
Tot Ion:112 Resp: 134666

Ion Ratio Lower Upper

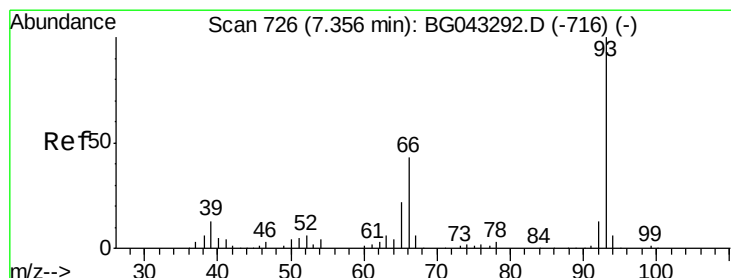
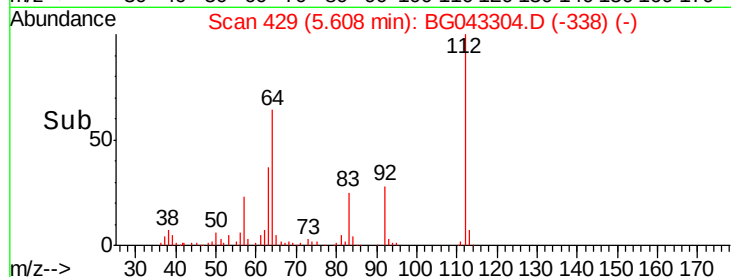
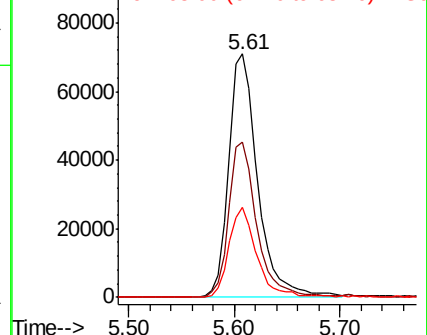
112 100

64 63.8 50.2 75.2

63 37.2 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: 29.640 ng

RT: 7.35 min Scan# 726

Delta R.T. -0.00 min

Lab File: BG043304.D

Acq: 22 Oct 2019 13:14

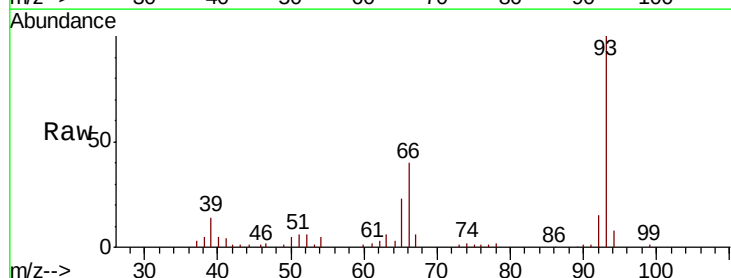
Tgt Ion: 93 Resp: 91150

Ion Ratio Lower Upper

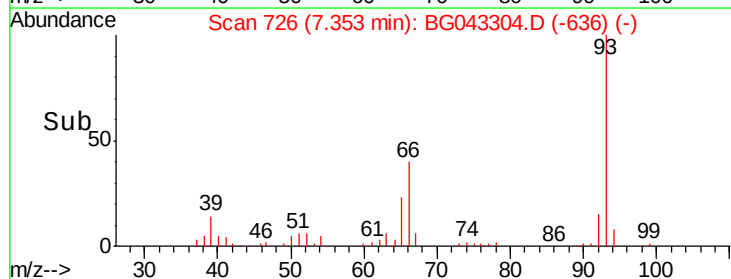
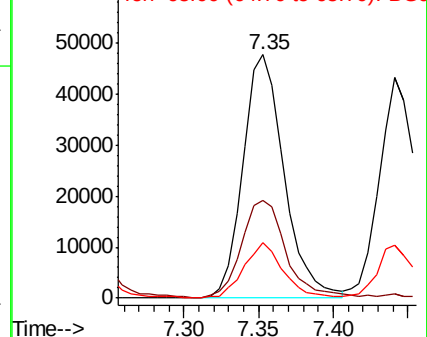
93 100

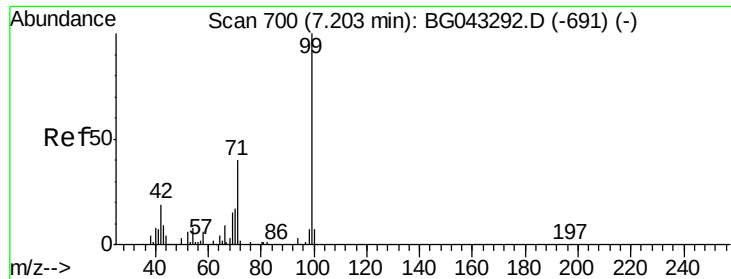
66 40.3 34.5 51.7

65 22.6 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: 70.455 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG043304.D

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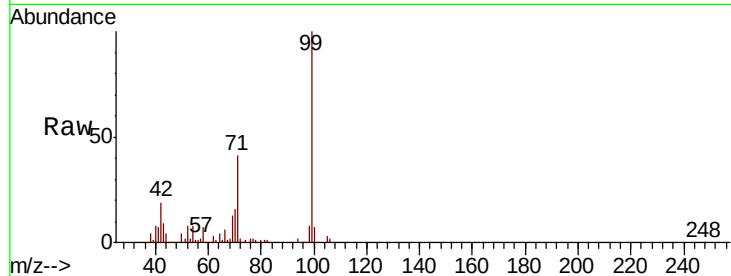
Tot Ion: 99 Resp: 188084

Ion Ratio Lower Upper

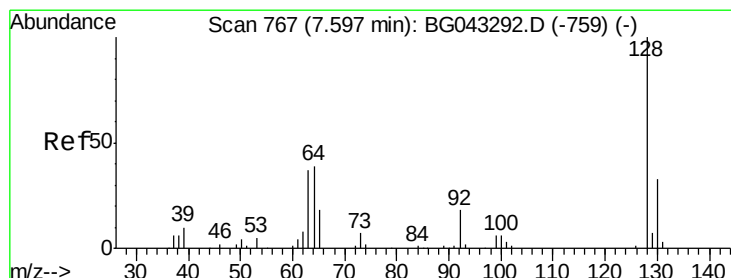
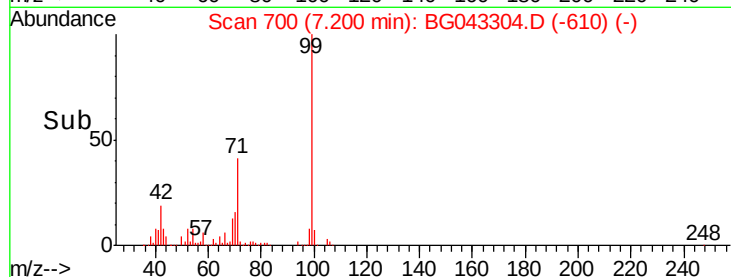
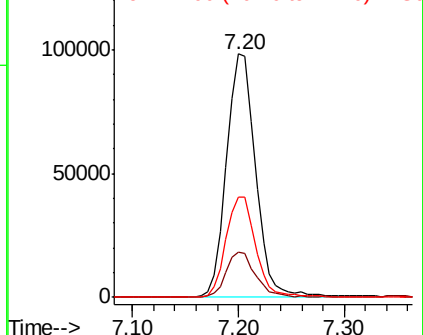
99 100

42 18.7 14.9 22.3

71 41.2 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: 43.148 ng

RT: 7.59 min Scan# 767

Delta R.T. -0.00 min

Lab File: BG043304.D

Acq: 22 Oct 2019 13:14

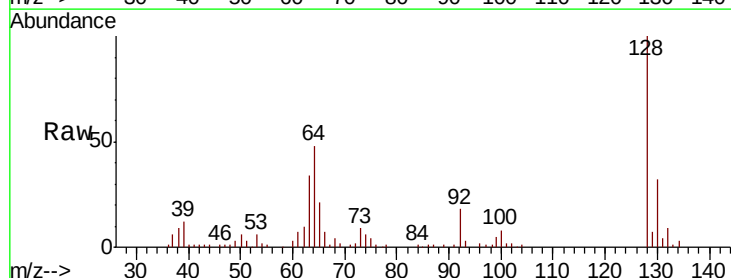
Tgt Ion:128 Resp: 88375

Ion Ratio Lower Upper

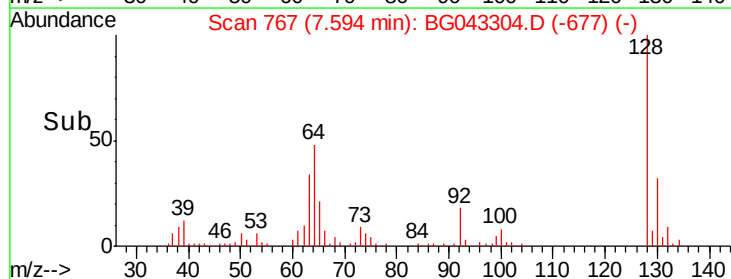
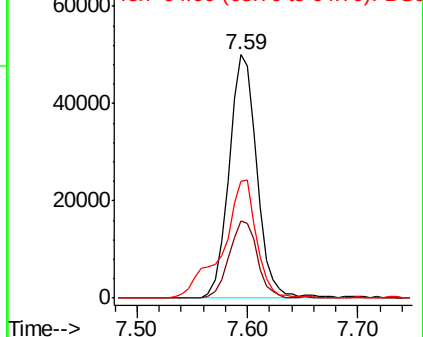
128 100

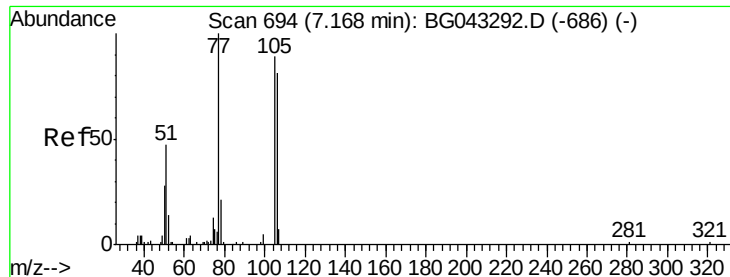
130 31.6 12.9 52.9

64 48.0 24.9 64.9



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





#9

Benzaldehyde

Concen: 37.965 ng

RT: 7.16 min Scan# 694

Delta R.T. -0.00 min

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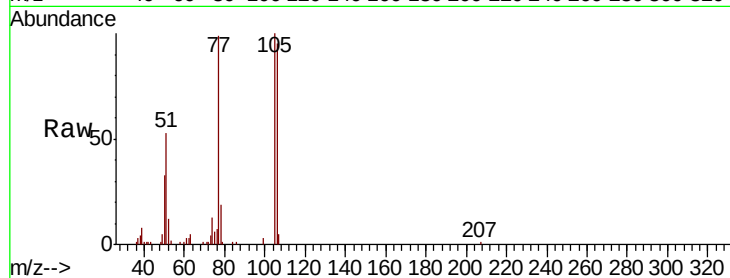
Tot Ion: 77 Resp: 49807

Ion Ratio Lower Upper

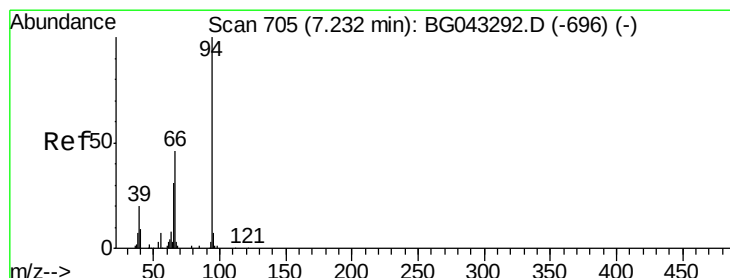
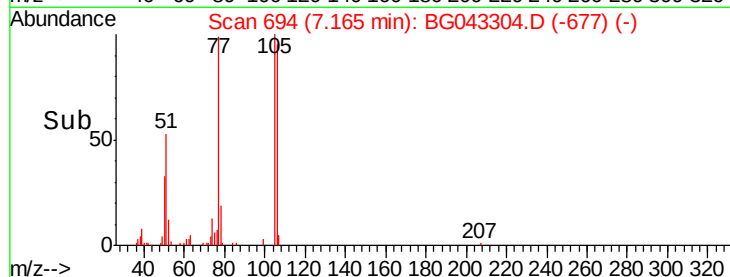
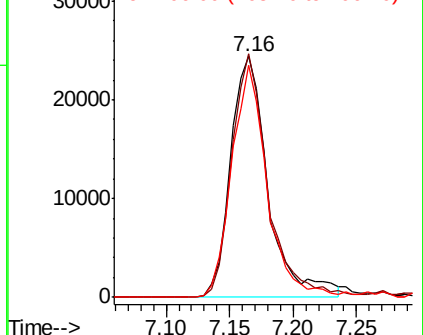
77 100

105 101.1 68.7 108.7

106 96.6 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: 44.294 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG043304.D

Acq: 22 Oct 2019 13:14

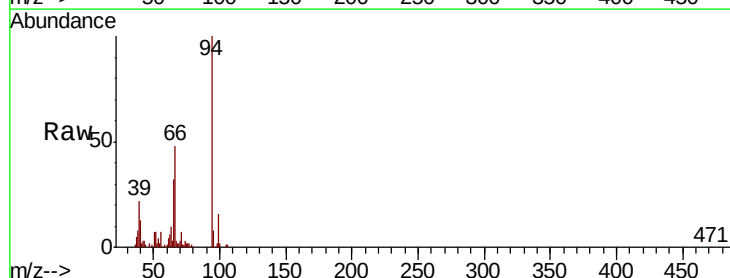
Tgt Ion: 94 Resp: 108051

Ion Ratio Lower Upper

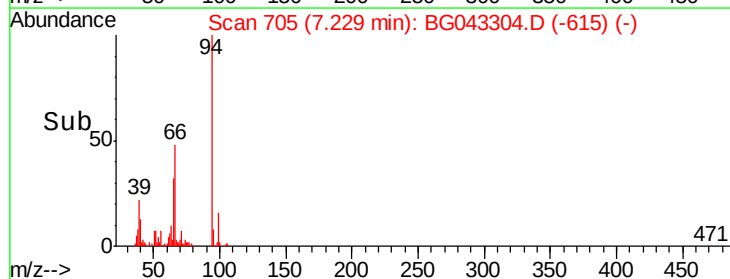
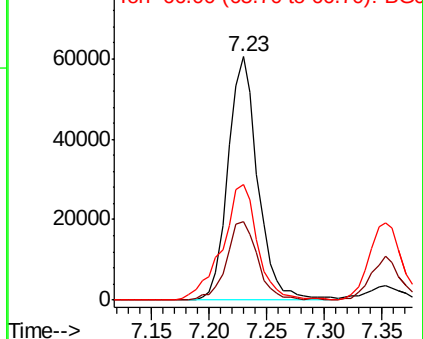
94 100

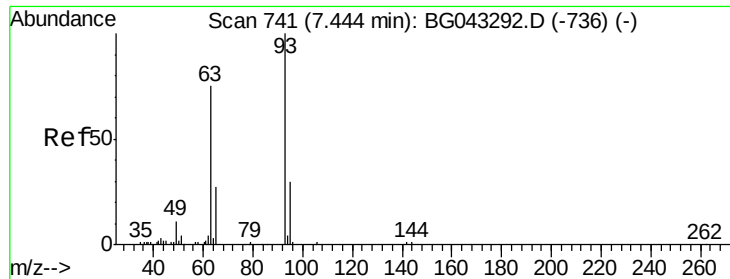
65 32.3 11.1 51.1

66 47.7 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

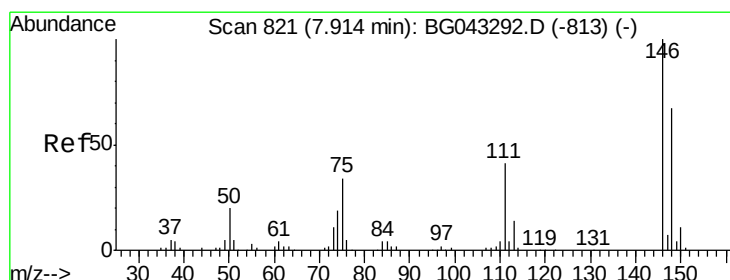
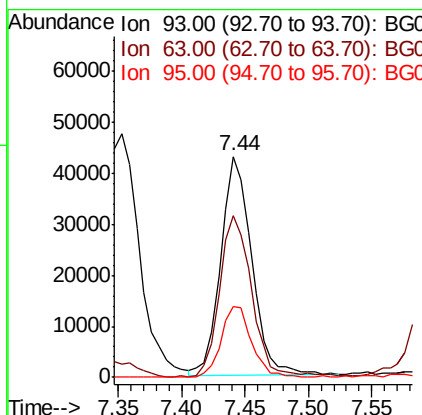
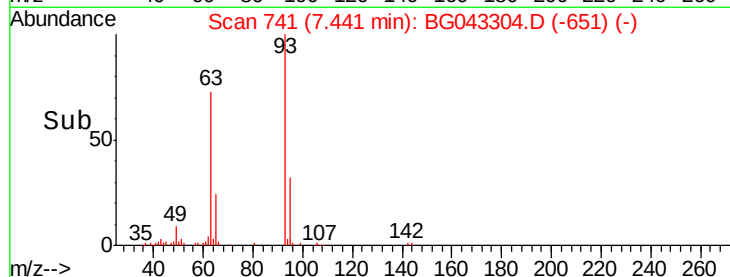
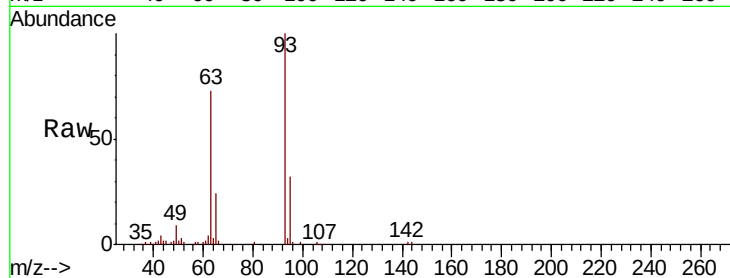




#11
bis(2-Chloroethyl)ether
Concen: 38.822 ng
RT: 7.44 min Scan# 741
Delta R.T. -0.00 min
Lab File: BG043304.D
Acq: 22 Oct 2019 13:14

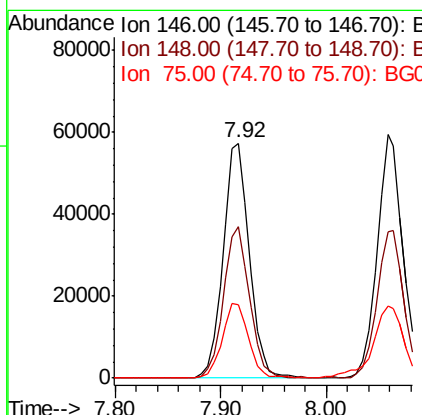
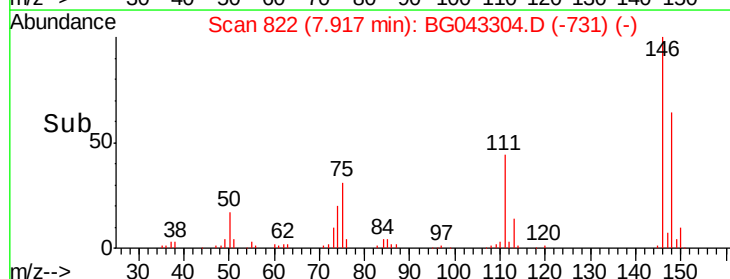
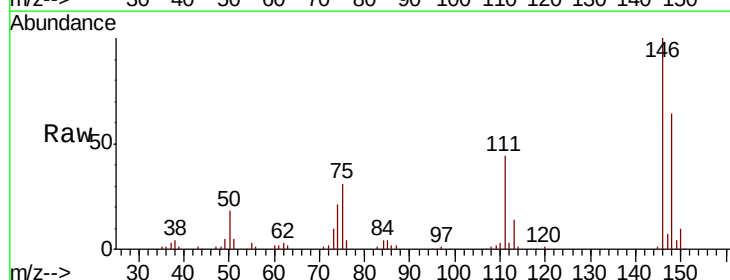
Instrument :
BNA_G
ClientSampleId :
PB123887BSD

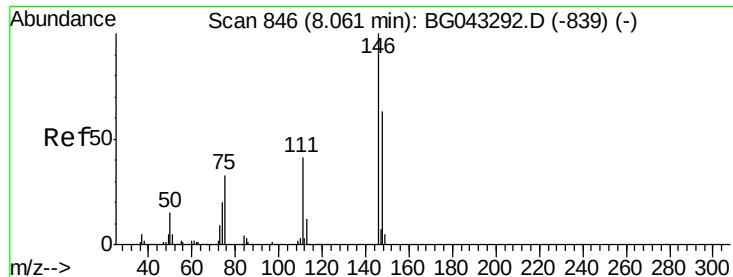
Tot Ion: 93 Resp: 73219
Ion Ratio Lower Upper
93 100
63 73.4 54.6 94.6
95 32.3 9.7 49.7



#12
1,3-Dichlorobenzene
Concen: 38.113 ng
RT: 7.92 min Scan# 822
Delta R.T. 0.00 min
Lab File: BG043304.D
Acq: 22 Oct 2019 13:14

Tgt Ion: 146 Resp: 97806
Ion Ratio Lower Upper
146 100
148 64.4 53.4 80.2
75 31.0 27.0 40.4

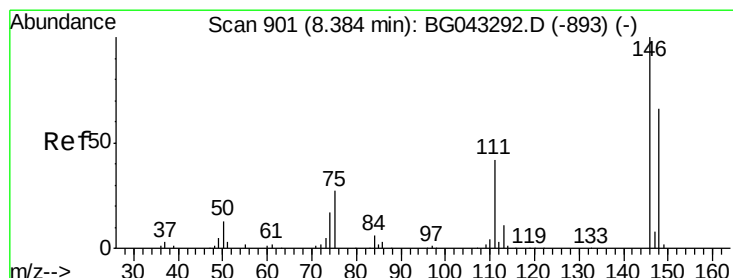
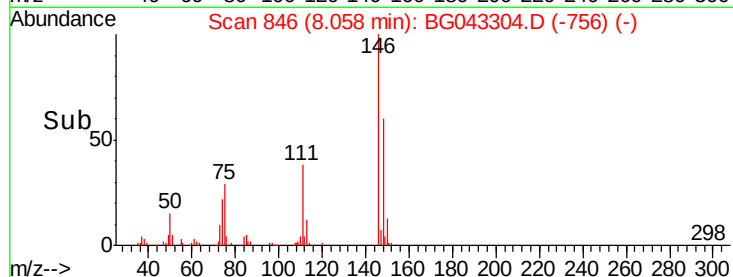
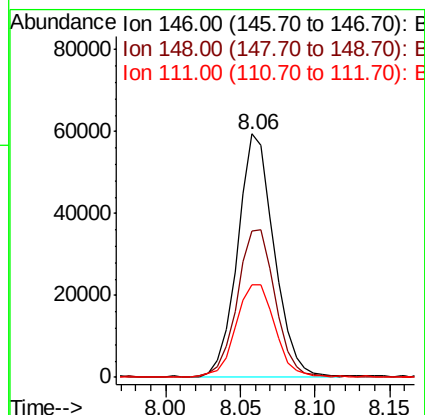
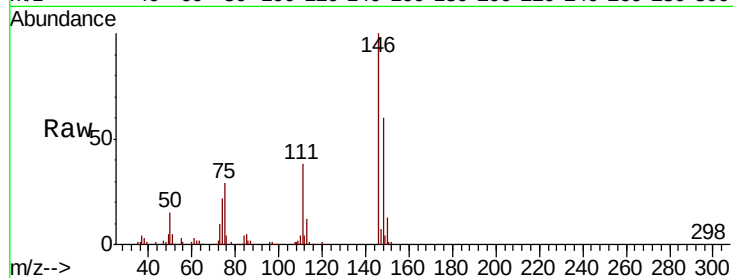




#13
 1,4-Dichlorobenzene
 Concen: 39.020 ng
 RT: 8.06 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: BG043304.D
 Acq: 22 Oct 2019 13:14

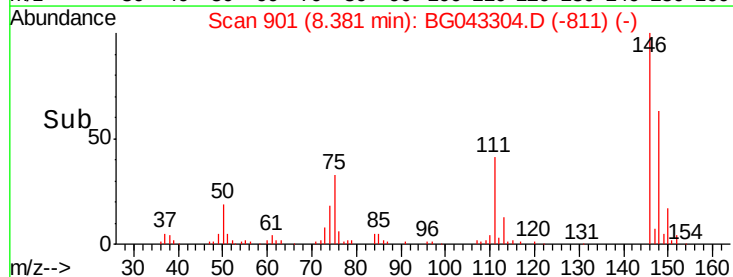
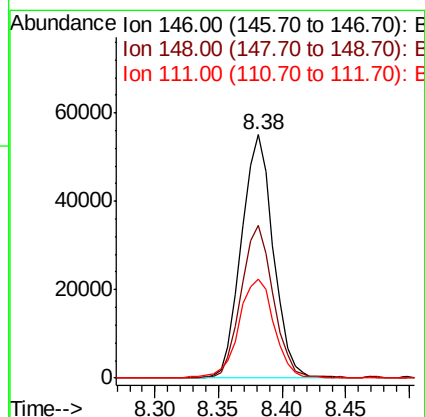
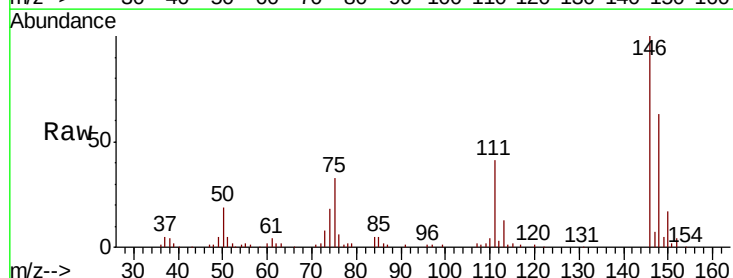
Instrument :
 BNA_G
 ClientSampleId :
 PB123887BSD

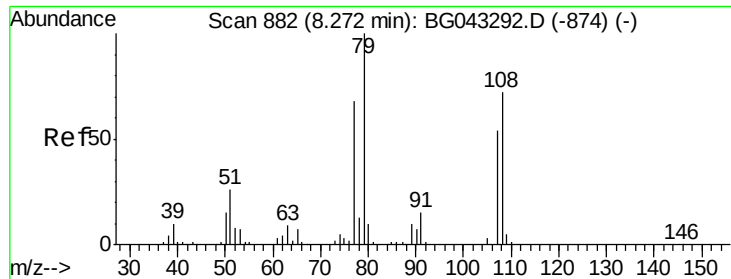
Tot Ion:146 Resp: 101310
 Ion Ratio Lower Upper
 146 100
 148 60.0 50.7 76.1
 111 38.0 33.0 49.6



#14
 1,2-Dichlorobenzene
 Concen: 37.940 ng
 RT: 8.38 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: BG043304.D
 Acq: 22 Oct 2019 13:14

Tgt Ion:146 Resp: 96180
 Ion Ratio Lower Upper
 146 100
 148 62.9 53.0 79.4
 111 40.9 34.5 51.7





#15

Benzyl Alcohol

Concen: 39.988 ng

RT: 8.27 min Scan# 882

Delta R.T. -0.00 min

Lab File: BG043304.D

Acq: 22 Oct 2019 13:14

Instrument :

BNA_G

ClientSampleId :

PB123887BSD

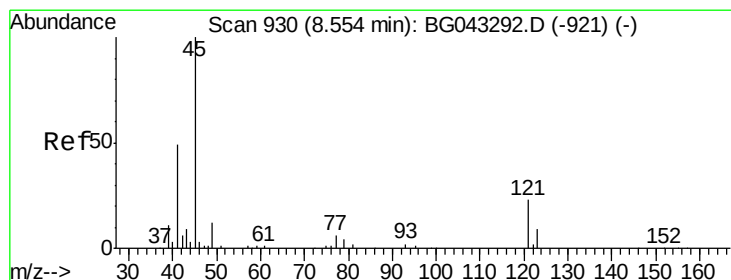
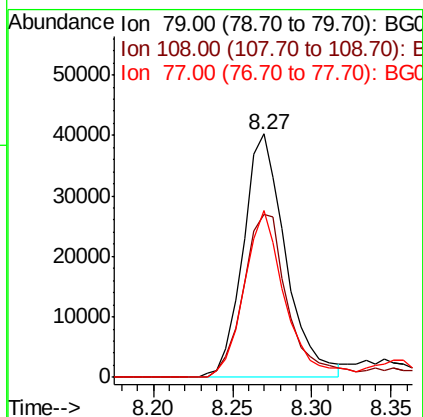
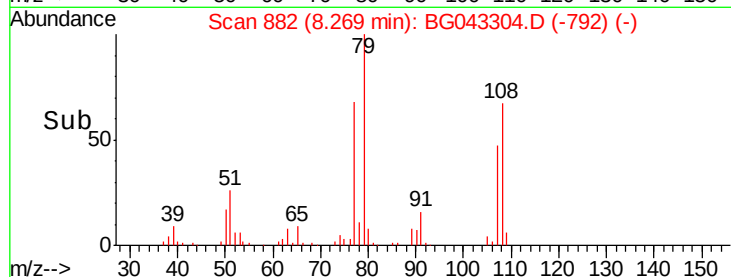
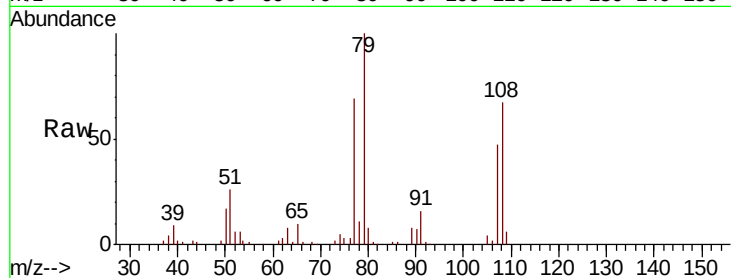
Tot Ion: 79 Resp: 74970

Ion Ratio Lower Upper

79 100

108 66.9 57.3 85.9

77 68.7 54.6 81.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.795 ng

RT: 8.55 min Scan# 930

Delta R.T. -0.00 min

Lab File: BG043304.D

Acq: 22 Oct 2019 13:14

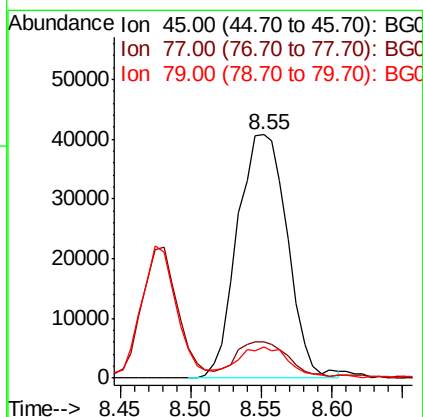
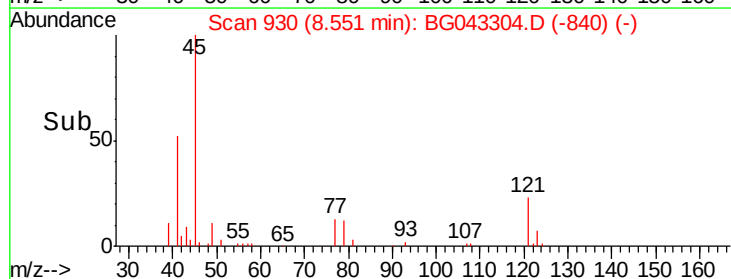
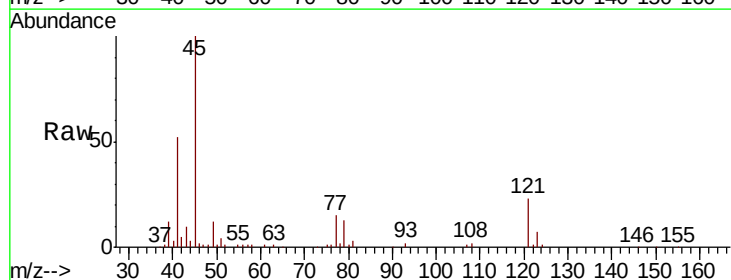
Tgt Ion: 45 Resp: 100906

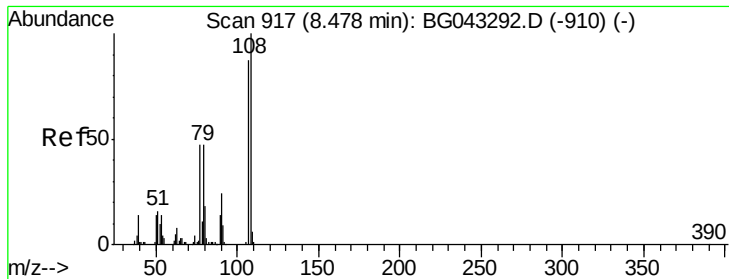
Ion Ratio Lower Upper

45 100

77 14.9 0.0 34.2

79 13.0 0.0 32.3





#17

2-Methylphenol

Concen: 42.289 ng

RT: 8.48 min Scan# 917

Delta R.T. -0.00 min

Lab File: BG043304.D

Acq: 22 Oct 2019 13:14

Instrument :

BNA_G

ClientSampleId :

PB123887BSD

Tot Ion:107 Resp: 75203

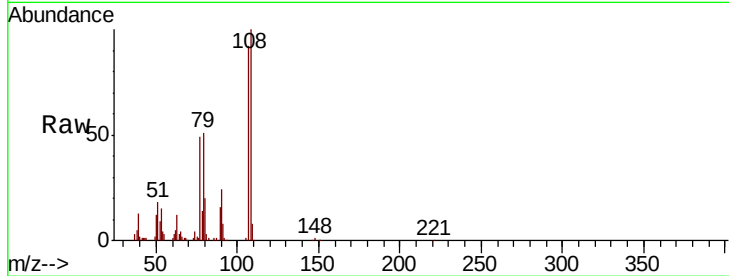
Ion Ratio Lower Upper

107 100

108 108.6 91.3 136.9

77 53.4 43.0 64.6

79 55.1 43.4 65.2

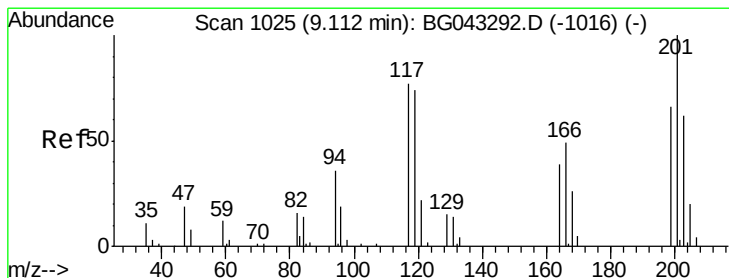
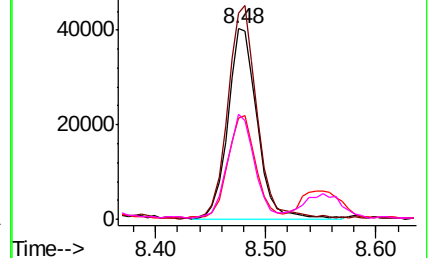
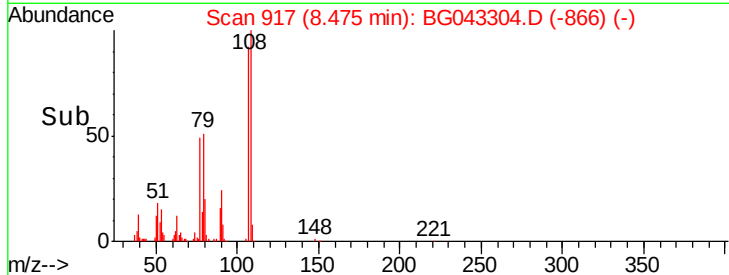


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 37.490 ng

RT: 9.11 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BG043304.D

Acq: 22 Oct 2019 13:14

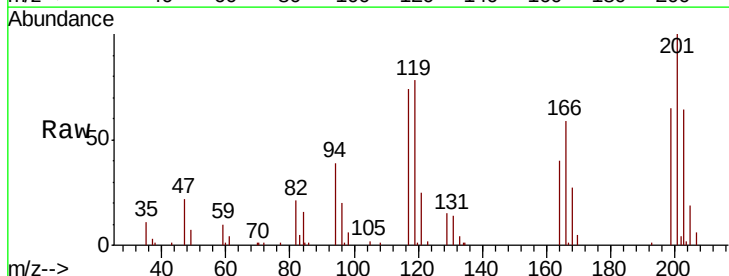
Tgt Ion:117 Resp: 35119

Ion Ratio Lower Upper

117 100

119 104.2 77.3 115.9

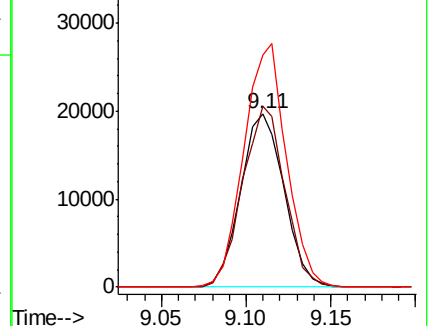
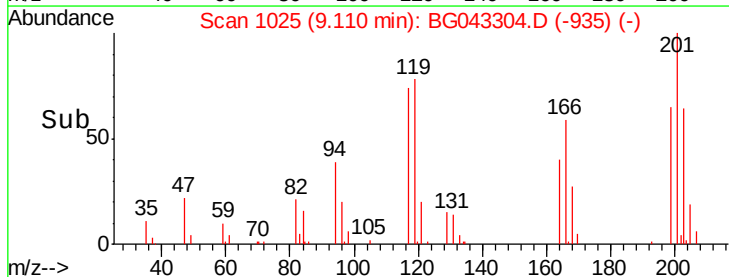
201 134.3 104.2 156.4

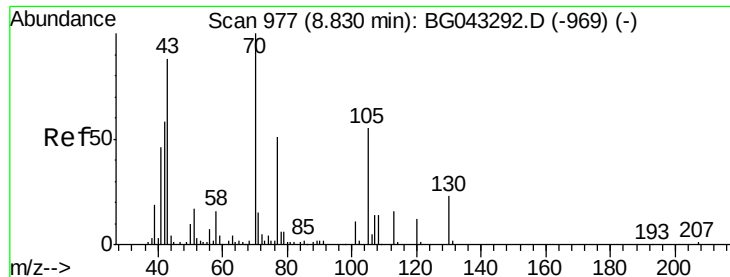


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 37.049 ng

RT: 8.83 min Scan# 977

Delta R.T. -0.00 min

Lab File: BG043304.D

Acq: 22 Oct 2019 13:14

Instrument :

BNA_G

ClientSampleId :

PB123887BSD

Tot Ion: 70 Resp: 63909

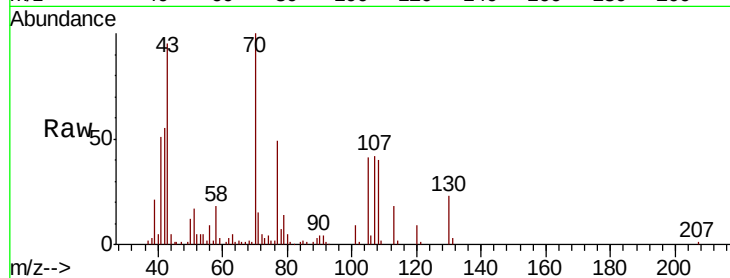
Ion Ratio Lower Upper

70 100

42 55.0 46.2 69.2

101 9.1 8.6 13.0

130 23.1 18.6 27.8

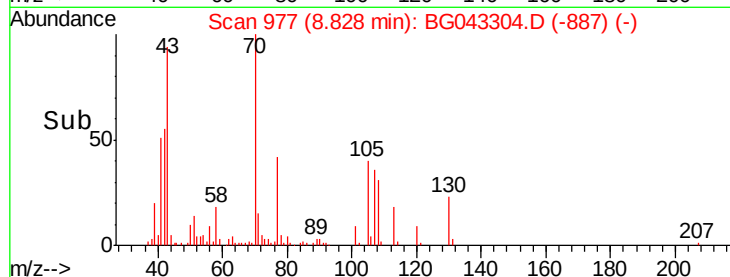
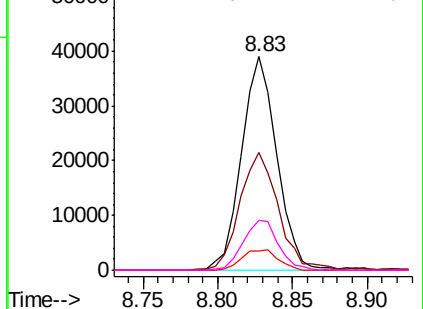


Abundance Ion 70.00 (69.70 to 70.70): BGC

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: 41.596 ng

RT: 8.81 min Scan# 974

Delta R.T. 0.00 min

Lab File: BG043304.D

Acq: 22 Oct 2019 13:14

Tgt Ion:107 Resp: 101433

Ion Ratio Lower Upper

107 100

108 92.1 80.3 120.3

77 38.4 18.2 58.2

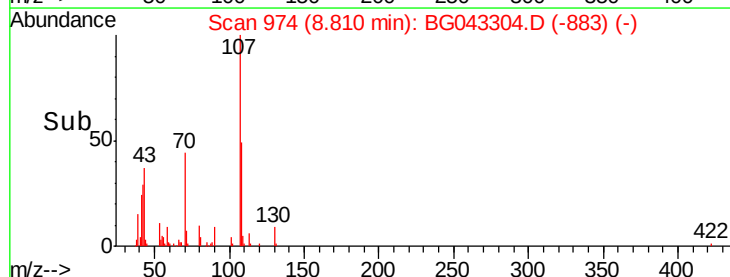
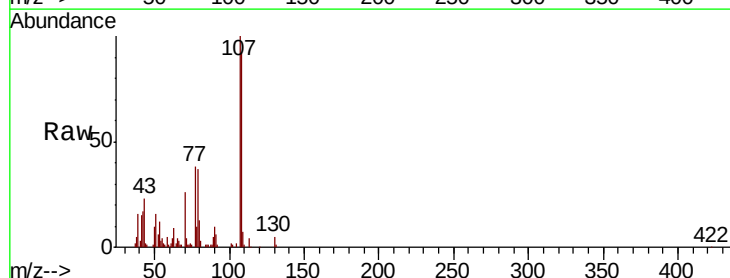
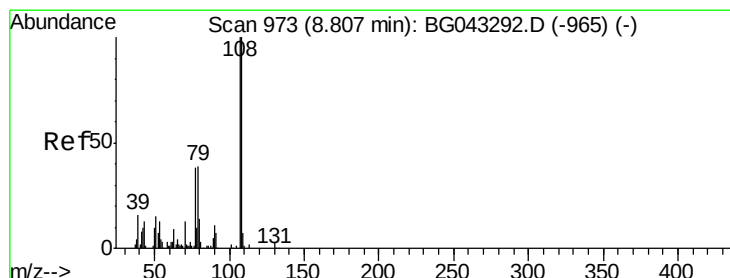
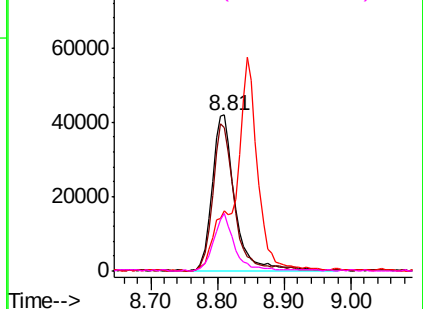
79 37.1 18.8 58.8

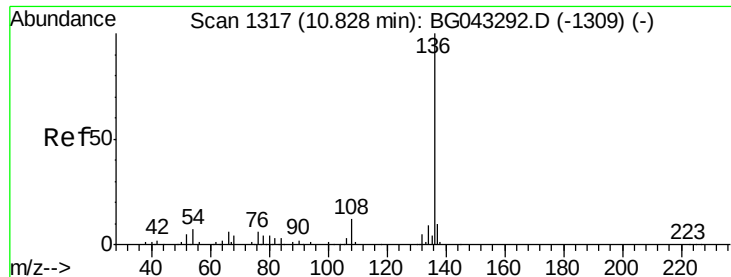
Abundance Ion 107.00 (106.70 to 107.70): BGC

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

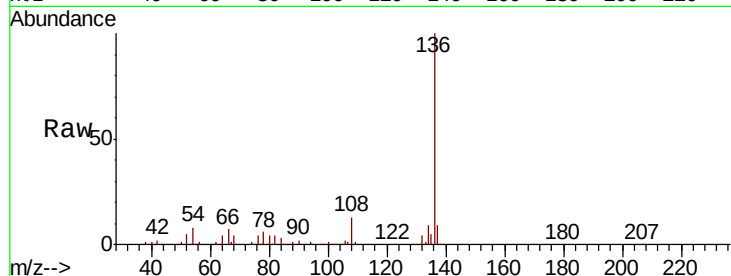




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BG043304.D
Acq: 22 Oct 2019 13:14

Instrument :
BNA_G
ClientSampleId :
PB123887BSD

Tot Ion:136	Resp:	134048
Ion Ratio	Lower	Upper
136	100	
137	9.4	8.2 12.2
54	7.8	5.4 8.2
68	4.1	3.3 4.9



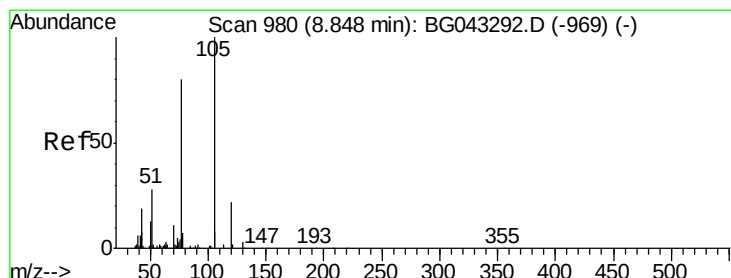
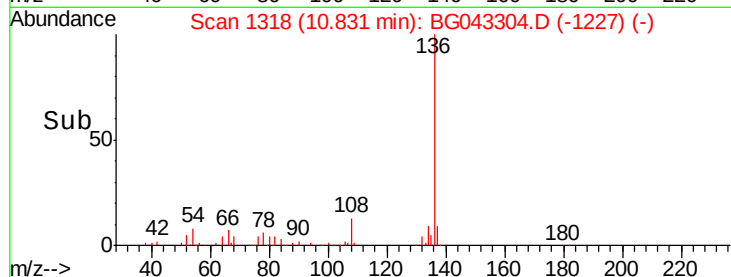
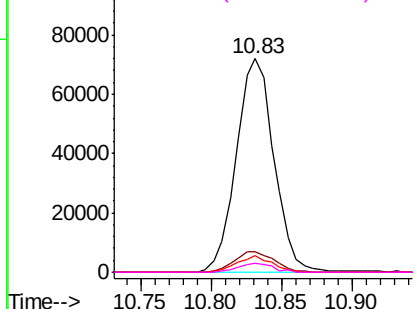
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

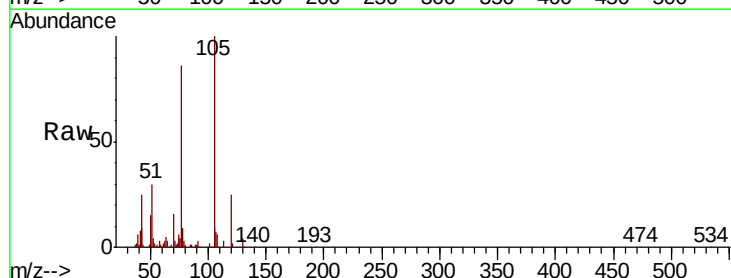
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 37.137 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.00 min
Lab File: BG043304.D
Acq: 22 Oct 2019 13:14

Tgt Ion:105	Resp:	127484
Ion Ratio	Lower	Upper
105	100	
71	3.0	1.5 2.3#
51	30.3	23.9 35.9
120	24.7	17.3 25.9



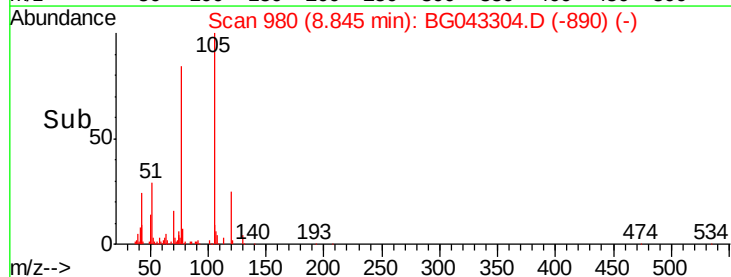
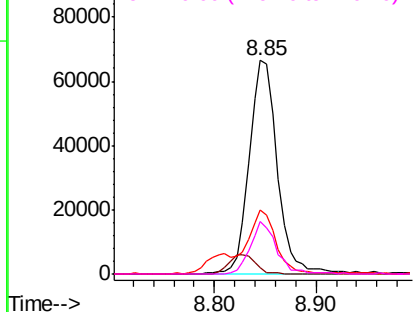
Abundance

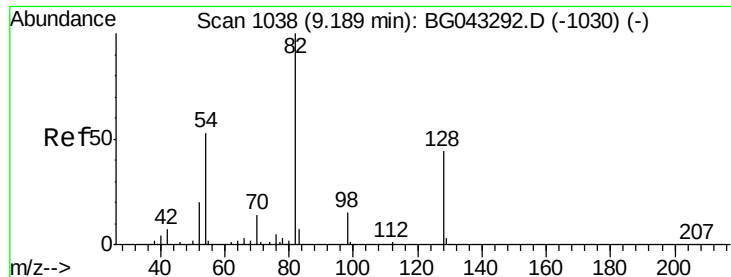
Ion 105.00 (104.70 to 105.70): E

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

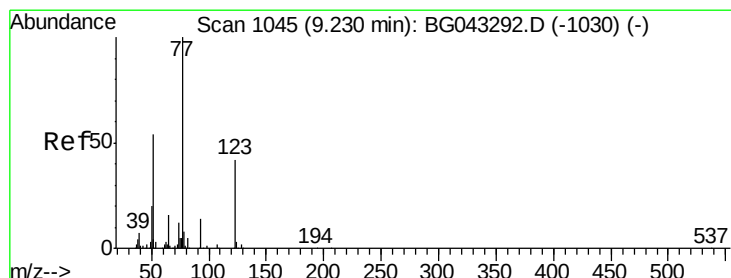
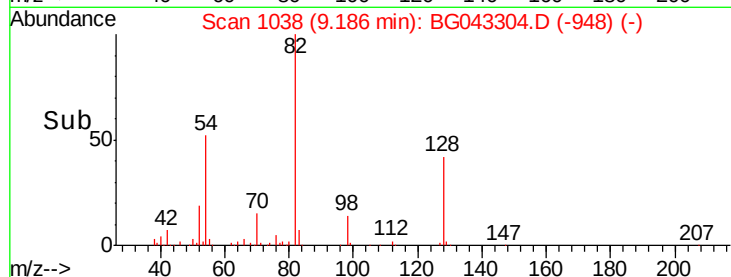
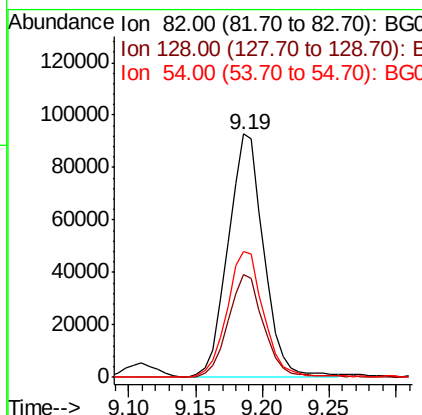
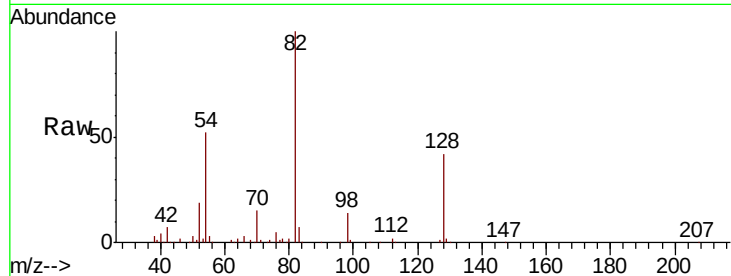




#23
 Nitrobenzene-d5
 Concen: 66.654 ng
 RT: 9.19 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BG043304.D
 Acq: 22 Oct 2019 13:14

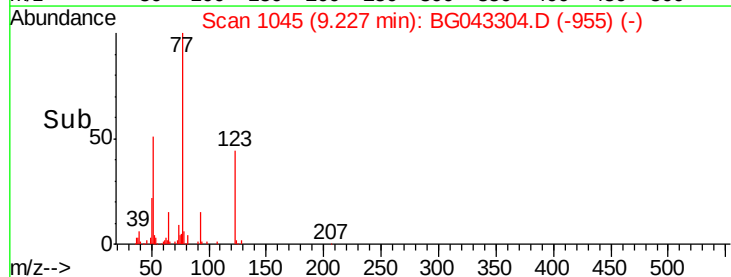
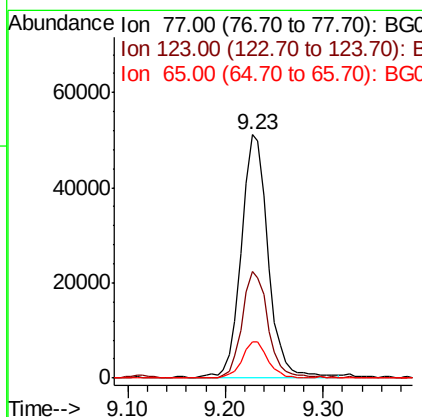
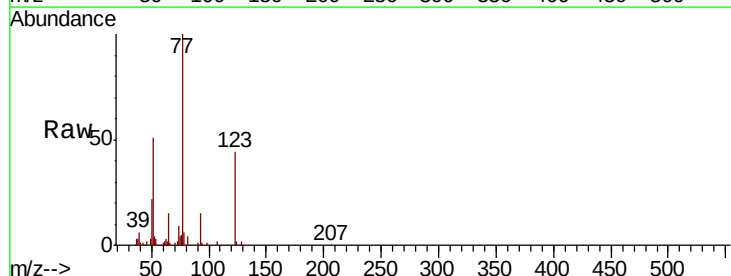
Instrument :
 BNA_G
 ClientSampleId :
 PB123887BSD

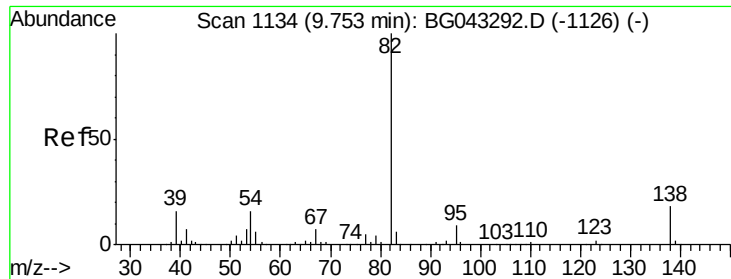
Tot Ion	82	Resp	173308
Ion Ratio	100	Lower	Upper
128	42.2	35.3	52.9
54	51.9	42.3	63.5



#24
 Nitrobenzene
 Concen: 39.460 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.00 min
 Lab File: BG043304.D
 Acq: 22 Oct 2019 13:14

Tgt Ion	77	Resp	97738
Ion Ratio	100	Lower	Upper
123	43.5	33.8	50.8
65	14.9	13.0	19.4





#25

Isophorone

Concen: 38.379 ng

RT: 9.75 min Scan# 1134

Delta R.T. -0.00 min

Lab File: BG043304.D

Acq: 22 Oct 2019 13:14

Instrument :

BNA_G

ClientSampleId :

PB123887BSD

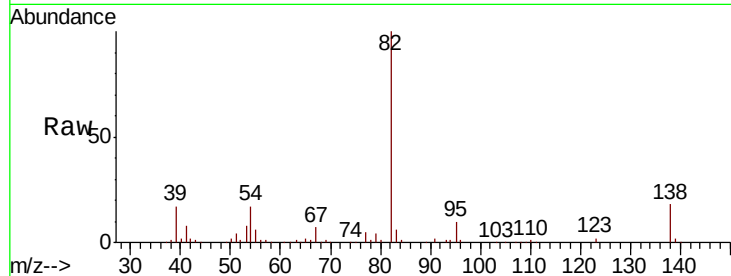
Tot Ion: 82 Resp: 182443

Ion Ratio Lower Upper

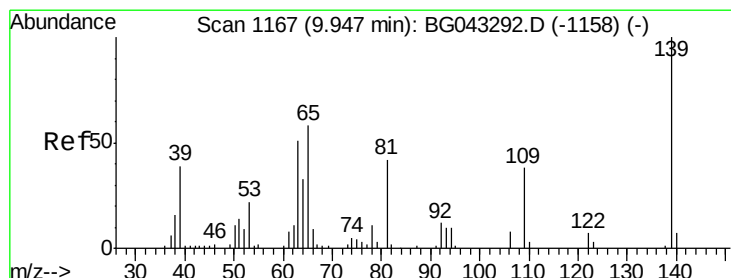
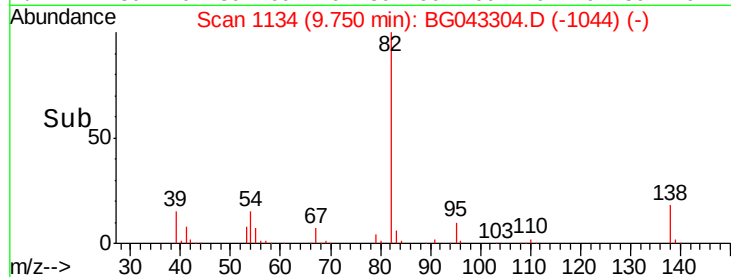
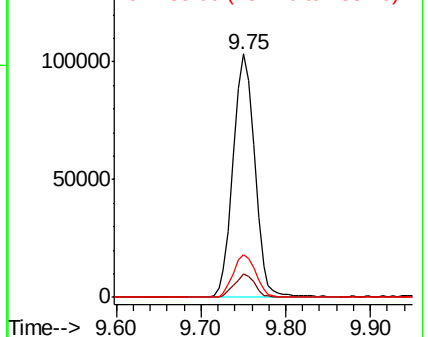
82 100

95 9.7 6.9 10.3

138 17.8 14.2 21.2



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



#26

2-Nitrophenol

Concen: 42.293 ng

RT: 9.94 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BG043304.D

Acq: 22 Oct 2019 13:14

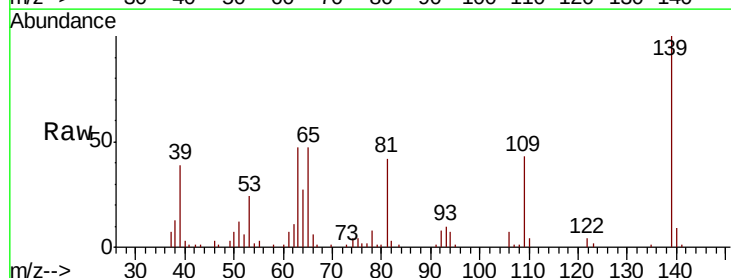
Tgt Ion: 139 Resp: 50574

Ion Ratio Lower Upper

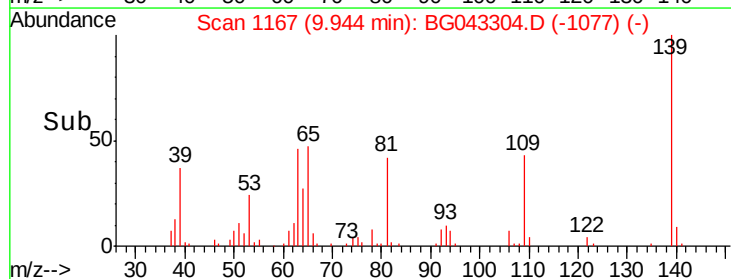
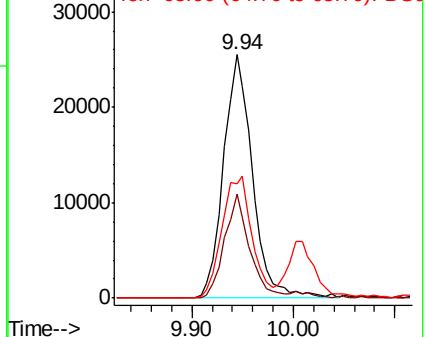
139 100

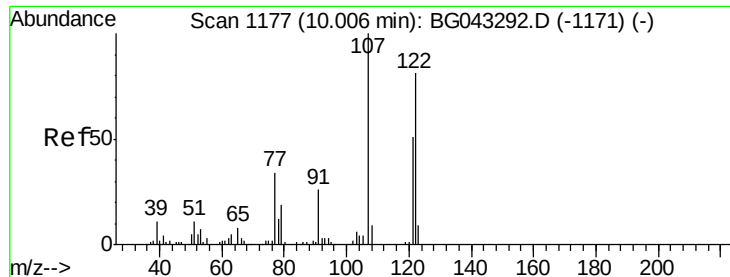
109 42.6 30.1 45.1

65 46.9 46.1 69.1



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

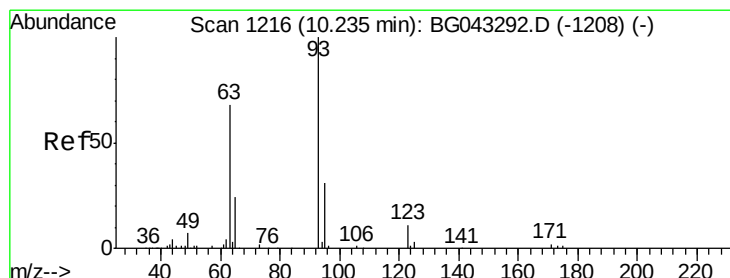
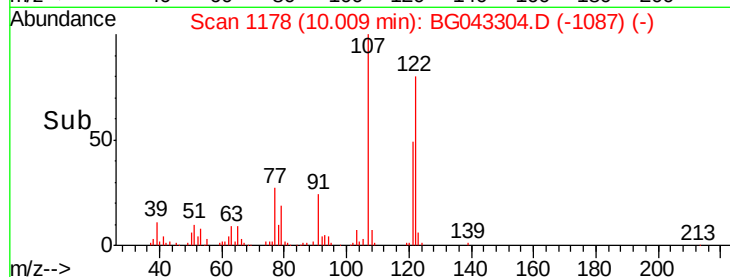
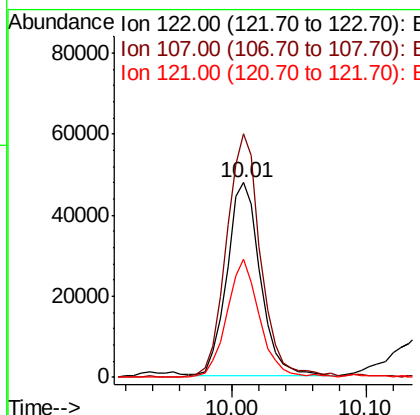
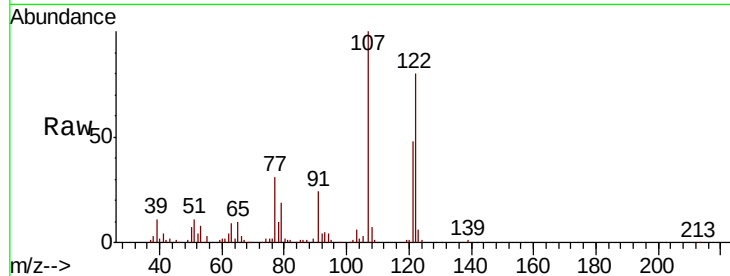




#27
 2,4-Dimethylphenol
 Concen: 48.523 ng
 RT: 10.01 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BG043304.D
 Acq: 22 Oct 2019 13:14

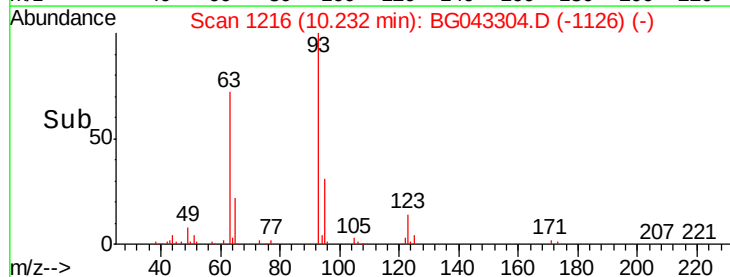
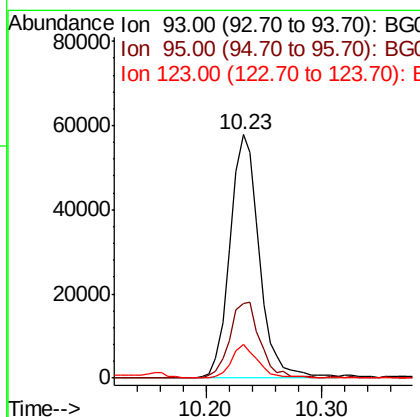
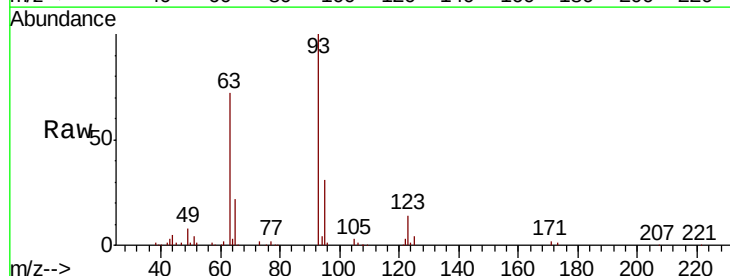
Instrument :
 BNA_G
 ClientSampleId :
 PB123887BSD

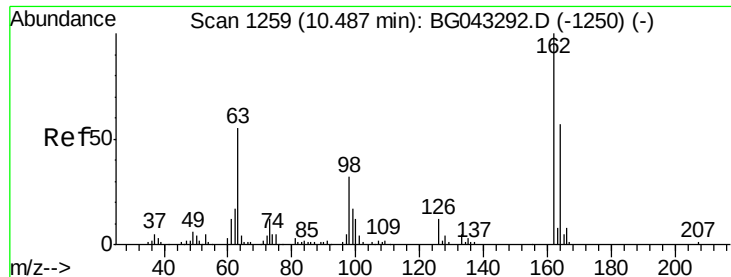
Tot Ion:122 Resp: 83165
 Ion Ratio Lower Upper
 122 100
 107 125.3 98.6 147.8
 121 60.7 50.1 75.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.821 ng
 RT: 10.23 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BG043304.D
 Acq: 22 Oct 2019 13:14

Tgt Ion: 93 Resp: 101853
 Ion Ratio Lower Upper
 93 100
 95 30.6 24.9 37.3
 123 14.0 8.9 13.3#

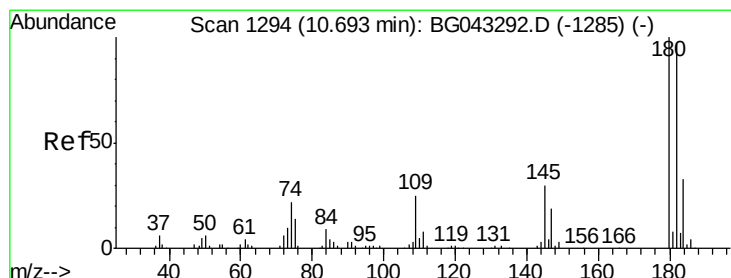
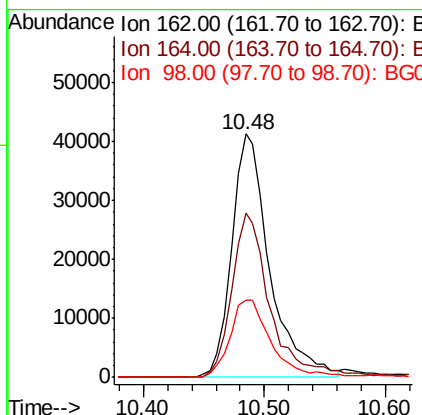
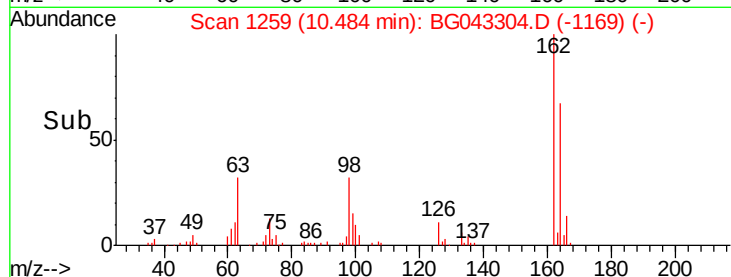
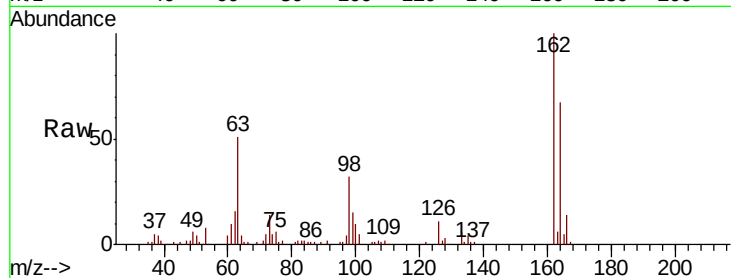




#29
 2,4-Dichlorophenol
 Concen: 41.036 ng
 RT: 10.48 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: BG043304.D
 Acq: 22 Oct 2019 13:14

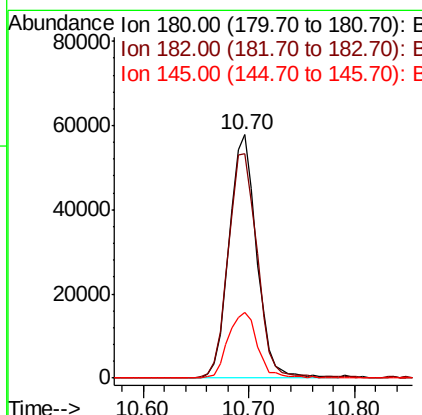
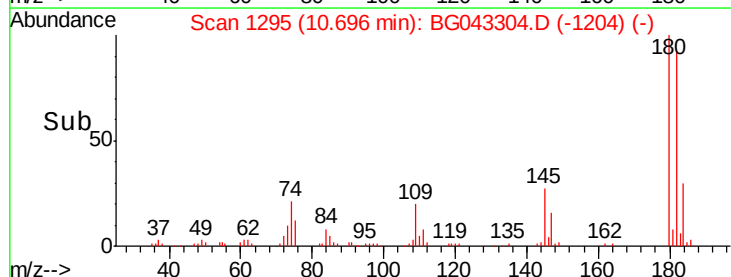
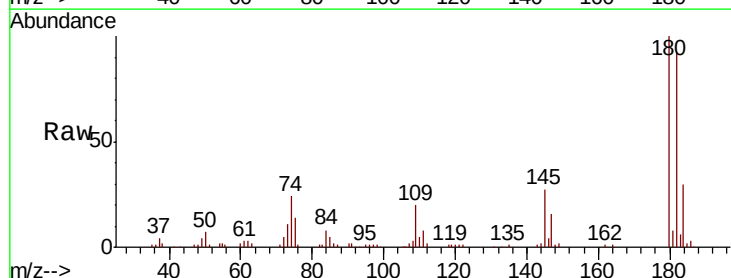
Instrument :
 BNA_G
 ClientSampleId :
 PB123887BSD

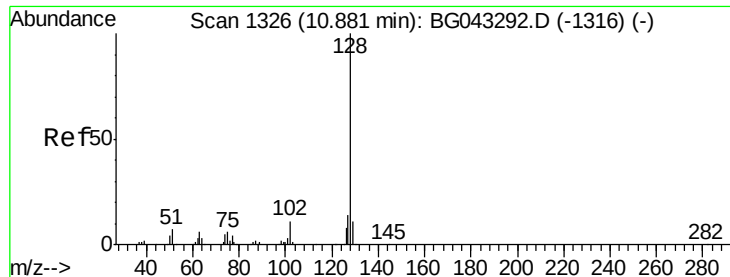
Tot Ion	Ratio	Lower	Upper
162	100		
164	67.4	37.3	77.3
98	31.9	11.8	51.8



#30
 1,2,4-Trichlorobenzene
 Concen: 37.614 ng
 RT: 10.70 min Scan# 1295
 Delta R.T. 0.00 min
 Lab File: BG043304.D
 Acq: 22 Oct 2019 13:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.9	77.8	116.8
145	27.0	23.6	35.4

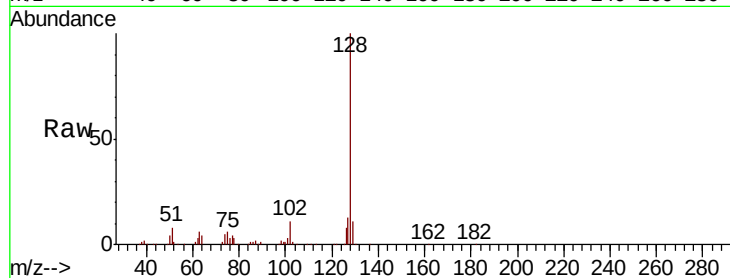




#31
Naphthalene
Concen: 39.587 ng
RT: 10.88 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BG043304.D
Acq: 22 Oct 2019 13:14

Instrument :
BNA_G
ClientSampleId :
PB123887BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.6	12.8
127	13.0	11.5	17.3

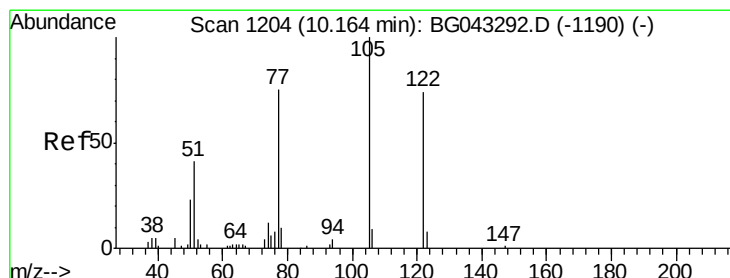
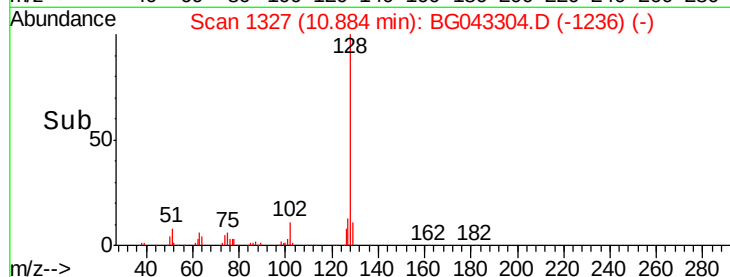
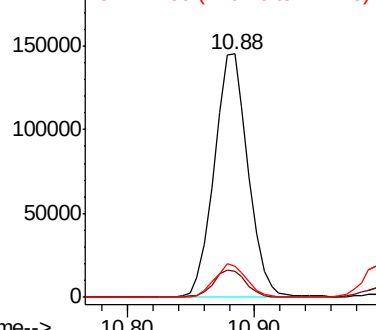


Abundance

Ion 128.00 (127.70 to 128.70): E

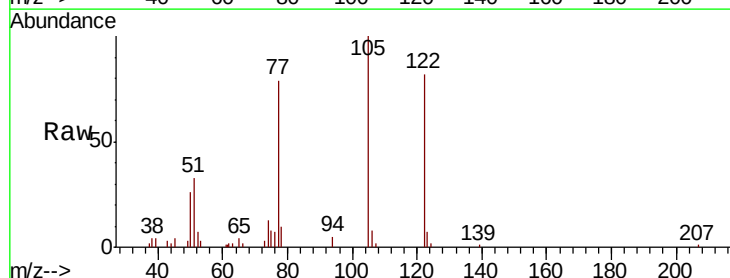
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 32.666 ng
RT: 10.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BG043304.D
Acq: 22 Oct 2019 13:14

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.2	112.4	152.4
77	96.9	82.7	122.7

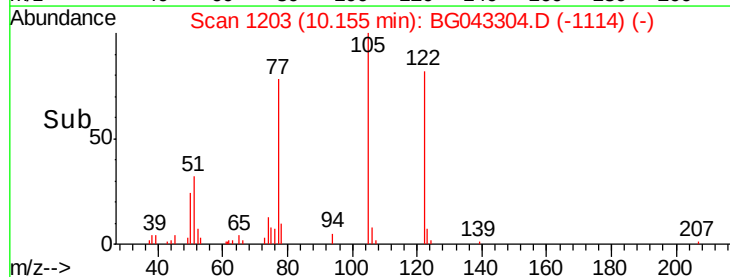
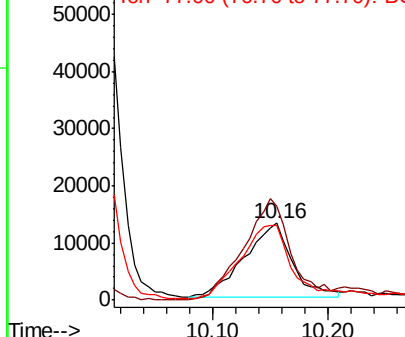


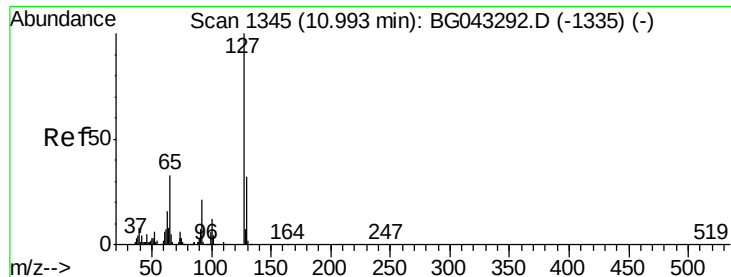
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGO

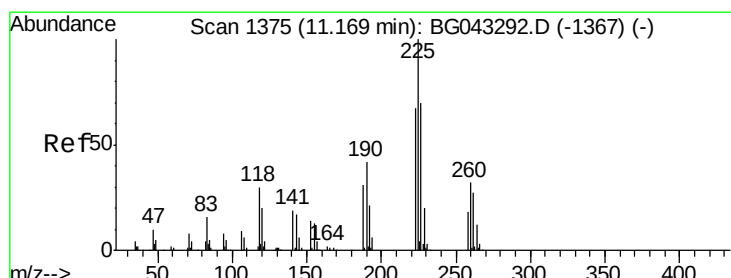
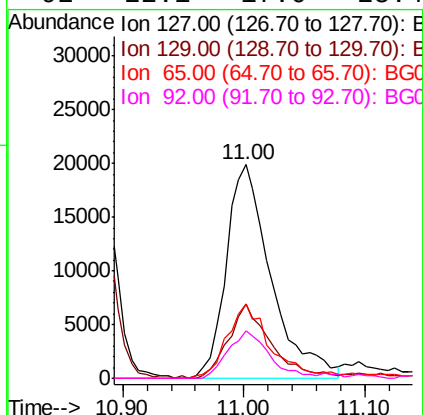
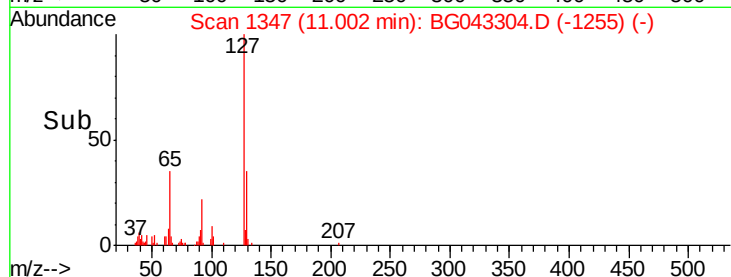
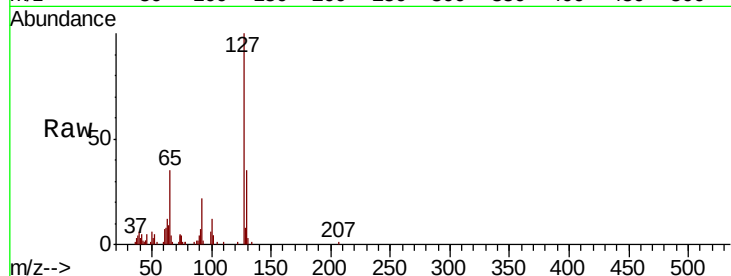




#33
4-Chloroaniline
Concen: 18.324 ng
RT: 11.00 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BG043304.D
Acq: 22 Oct 2019 13:14

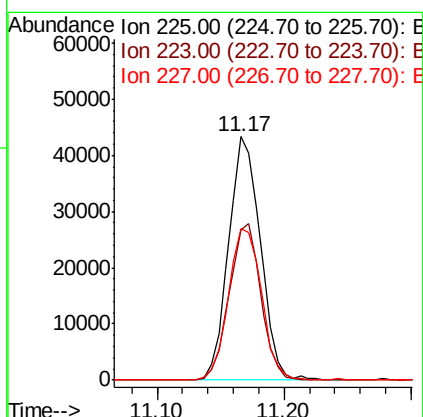
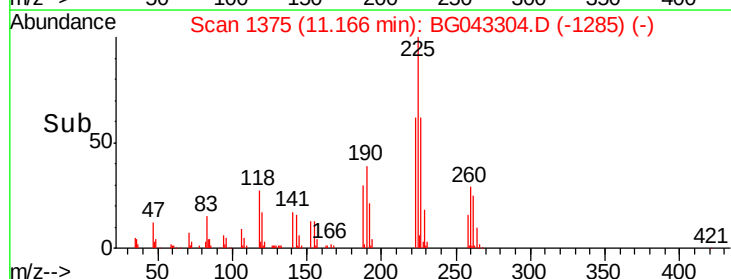
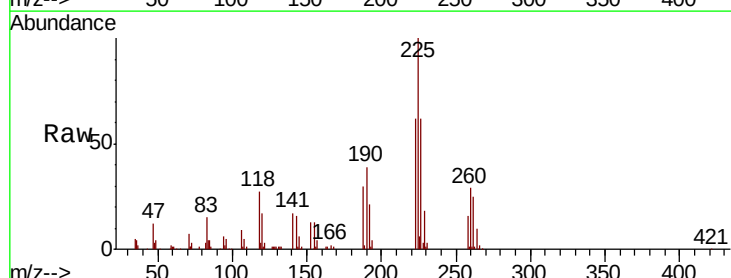
Instrument :
BNA_G
ClientSampleId :
PB123887BSD

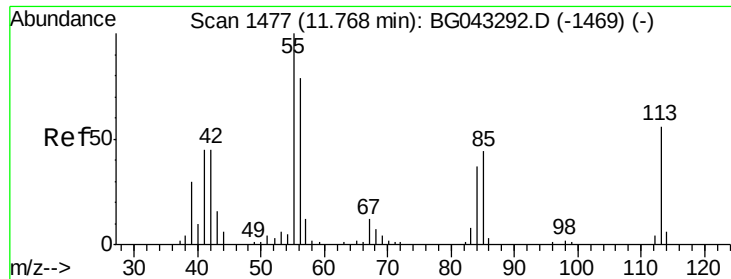
Tot Ion:127	Resp:	51109	
Ion Ratio	Lower	Upper	
127 100			
129 34.6	25.8	38.8	
65 34.7	26.2	39.2	
92 22.1	17.0	25.4	



#34
Hexachlorobutadiene
Concen: 36.531 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BG043304.D
Acq: 22 Oct 2019 13:14

Tgt Ion	225	Resp: Lower	74741 Upper
	Ratio		
225	100		
223	61.8	53.2	79.8
227	65.0	56.2	84.2





#35

Caprolactam

Concen: 18.930 ng

RT: 11.76 min Scan# 1476

Delta R.T. -0.01 min

Lab File: BG043304.D

Acq: 22 Oct 2019 13:14

Instrument :

BNA_G

ClientSampleId :

PB123887BSD

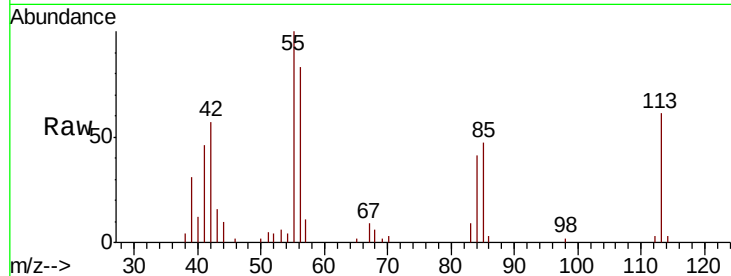
Tot Ion:113 Resp: 14317

Ion Ratio Lower Upper

113 100

55 163.6 158.9 198.9

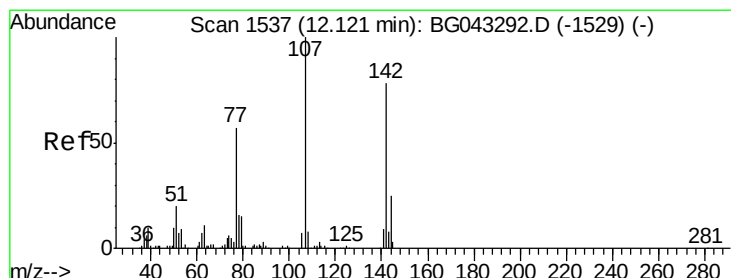
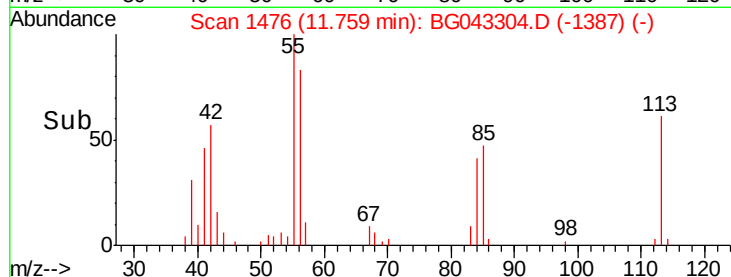
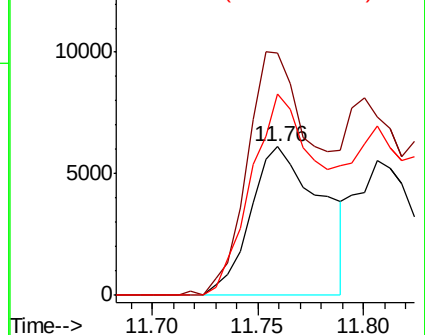
56 135.4 121.4 161.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 42.025 ng

RT: 12.12 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BG043304.D

Acq: 22 Oct 2019 13:14

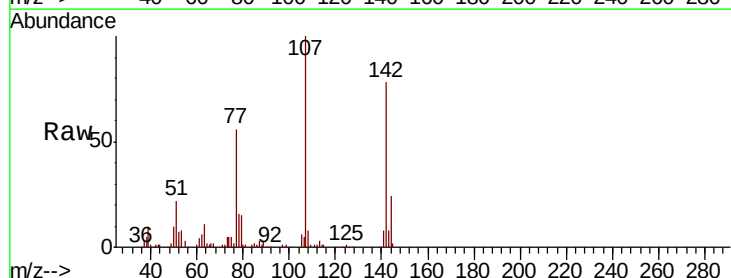
Tgt Ion:107 Resp: 100665

Ion Ratio Lower Upper

107 100

144 24.3 19.9 29.9

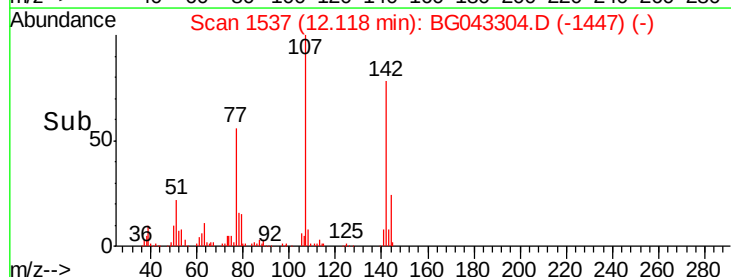
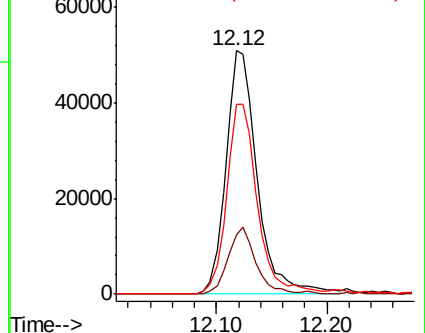
142 77.8 62.1 93.1

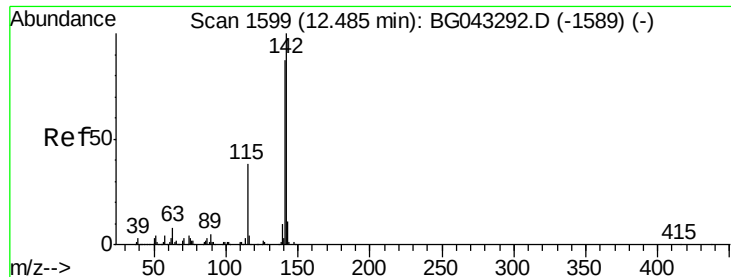


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

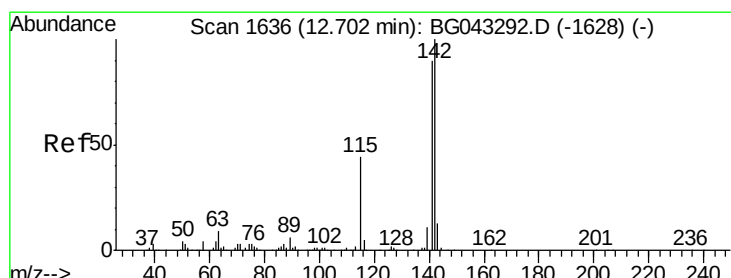
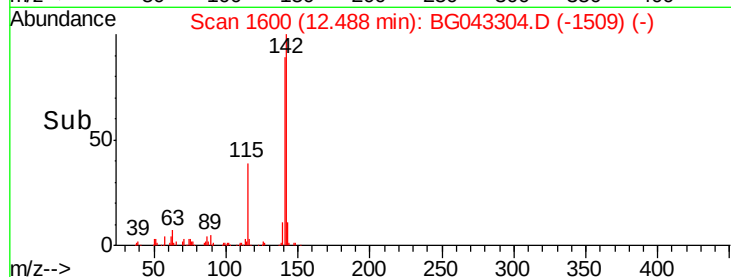
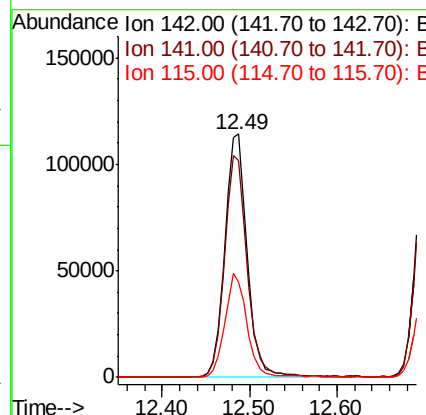
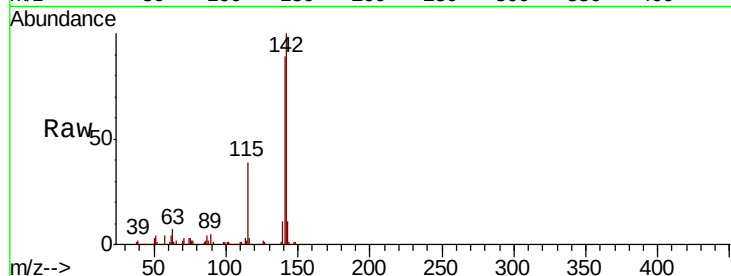




#37
2-Methylnaphthalene
Concen: 38.823 ng
RT: 12.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: BG043304.D
Acq: 22 Oct 2019 13:14

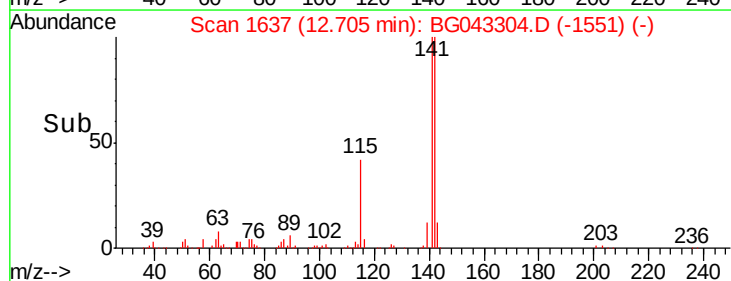
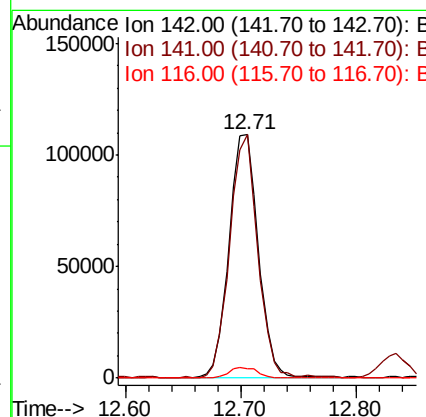
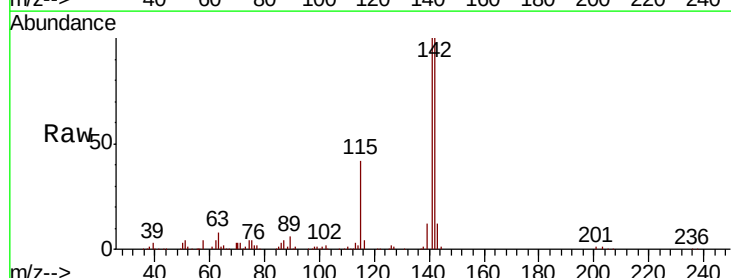
Instrument :
BNA_G
ClientSampleId :
PB123887BSD

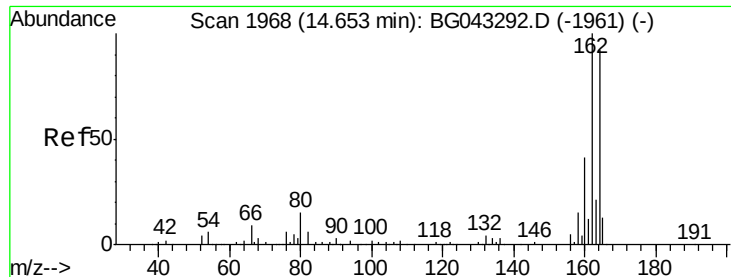
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	69.7	104.5
115	39.3	30.6	46.0



#38
1-Methylnaphthalene
Concen: 38.352 ng
RT: 12.71 min Scan# 1637
Delta R.T. 0.00 min
Lab File: BG043304.D
Acq: 22 Oct 2019 13:14

Tgt Ion	Ratio	Lower	Upper
142	100		
141	99.9	72.3	108.5
116	4.1	3.8	5.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1969

Delta R.T. 0.00 min

Lab File: BG043304.D

Acq: 22 Oct 2019 13:14

Instrument :

BNA_G

ClientSampleId :

PB123887BSD

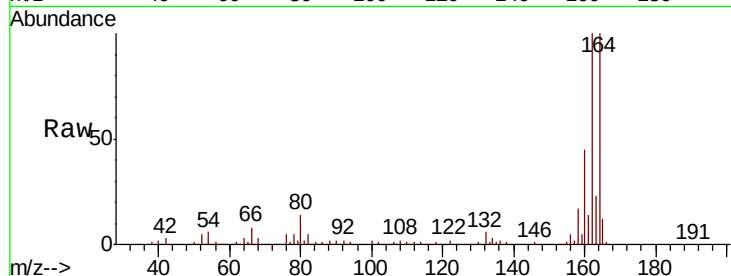
Tot Ion:164 Resp: 97008

Ion Ratio Lower Upper

164 100

162 99.9 87.0 130.4

160 44.9 35.5 53.3

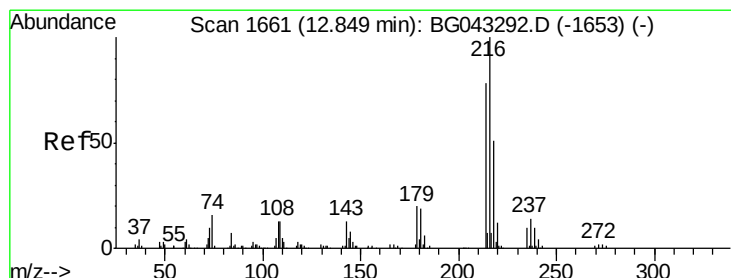
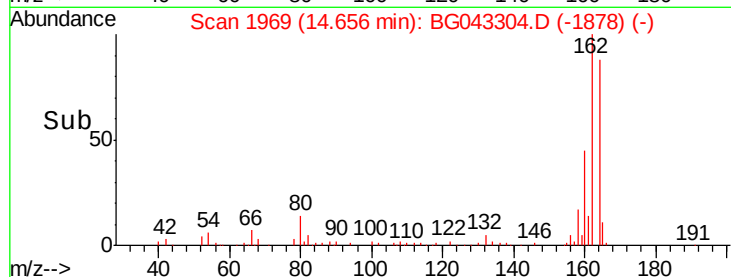
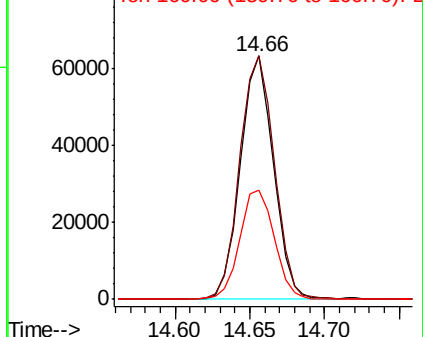


Abundance

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: 37.642 ng

RT: 12.85 min Scan# 1662

Delta R.T. 0.00 min

Lab File: BG043304.D

Acq: 22 Oct 2019 13:14

Tgt Ion:216 Resp: 135140

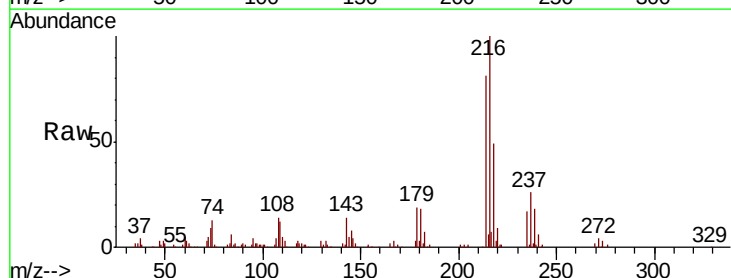
Ion Ratio Lower Upper

216 100

214 79.1 63.5 95.3

179 18.9 16.2 24.2

108 16.8 11.2 16.8



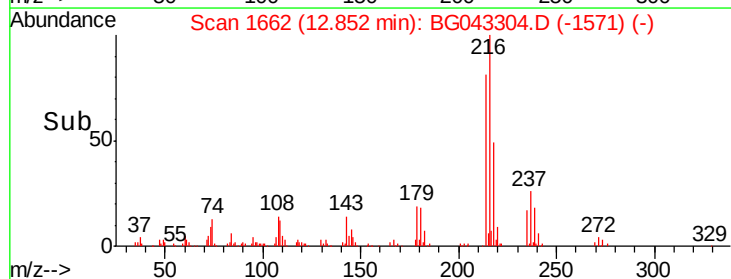
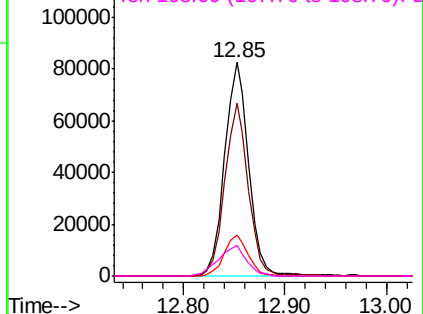
Abundance

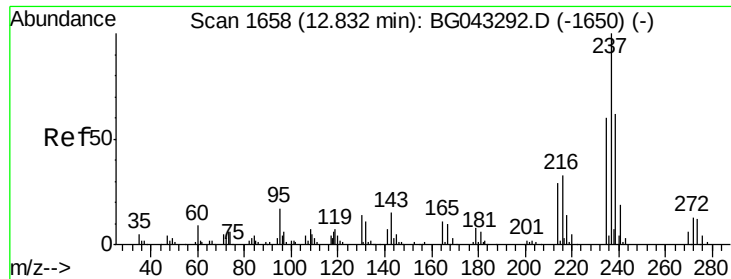
Ion 216.00 (215.70 to 216.70): E

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: 96.814 ng

RT: 12.83 min Scan# 1659

Delta R.T. 0.00 min

Lab File: BG043304.D

Acq: 22 Oct 2019 13:14

Instrument :

BNA_G

ClientSampleId :

PB123887BSD

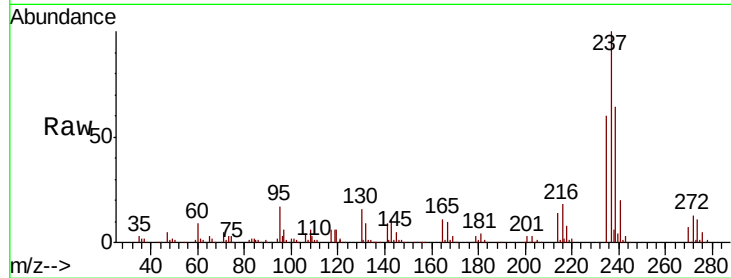
Tot Ion:237 Resp: 182583

Ion Ratio Lower Upper

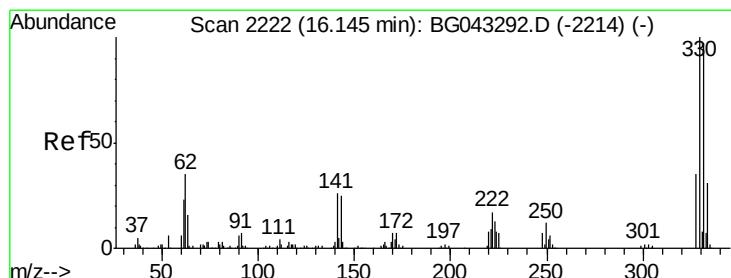
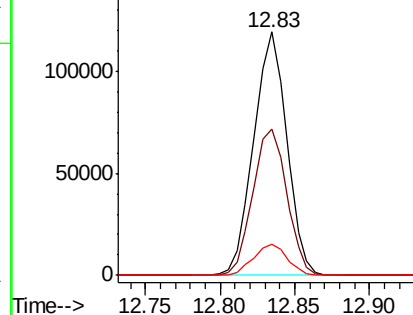
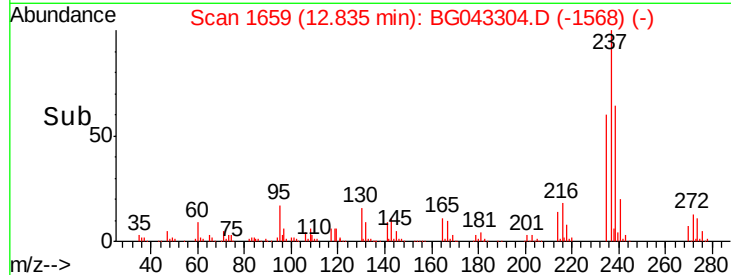
237 100

235 60.1 40.3 80.3

272 12.7 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: 70.441 ng

RT: 16.14 min Scan# 2222

Delta R.T. -0.00 min

Lab File: BG043304.D

Acq: 22 Oct 2019 13:14

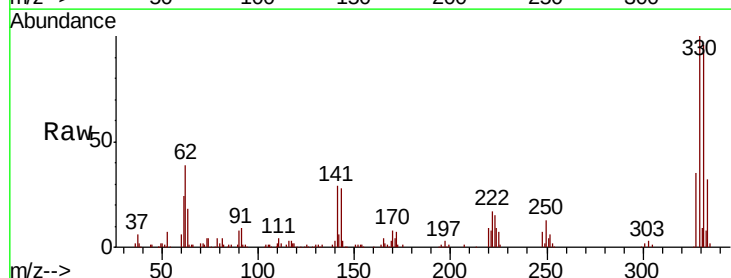
Tgt Ion:330 Resp: 130038

Ion Ratio Lower Upper

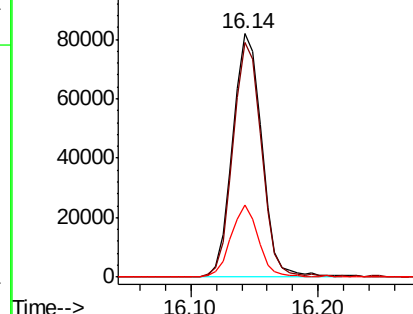
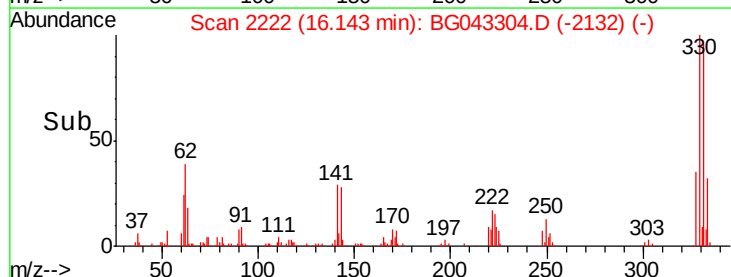
330 100

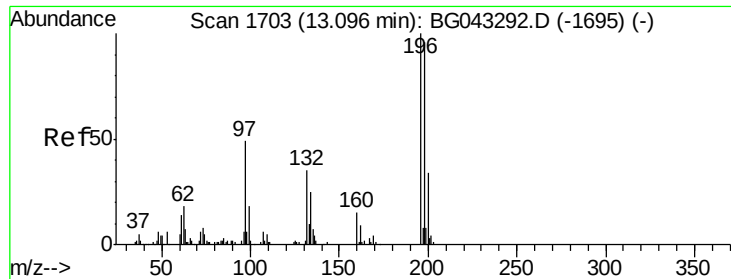
332 94.8 76.4 114.6

141 28.0 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

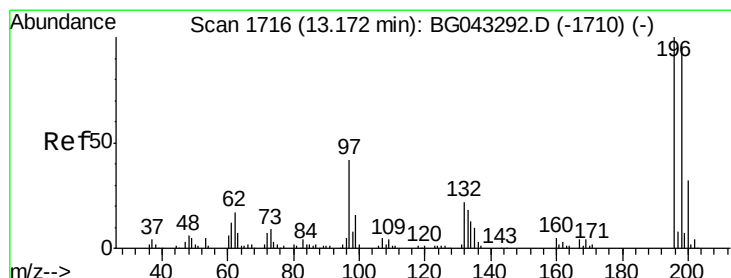
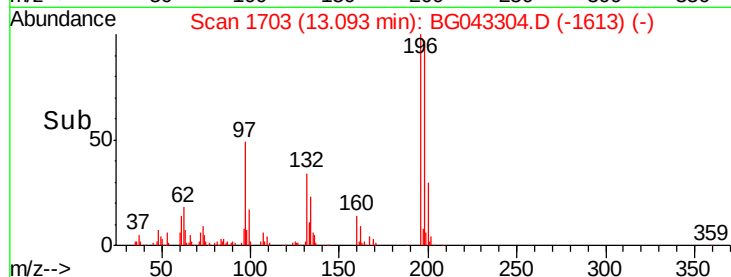
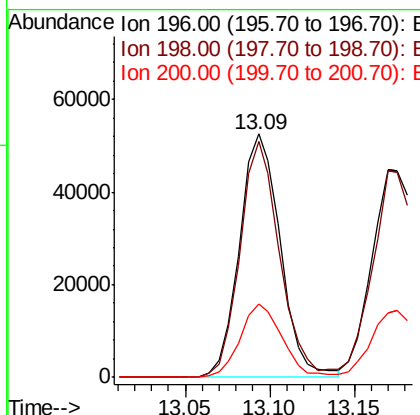
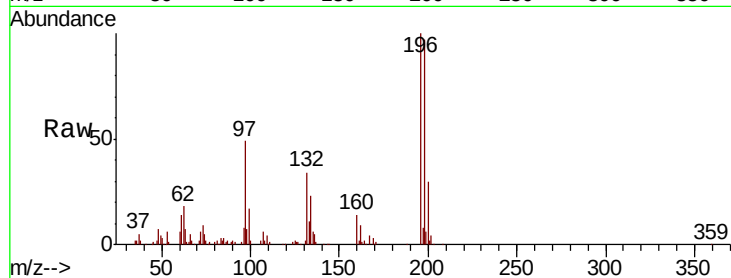




#43
 2,4,6-Trichlorophenol
 Concen: 41.818 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.00 min
 Lab File: BG043304.D
 Acq: 22 Oct 2019 13:14

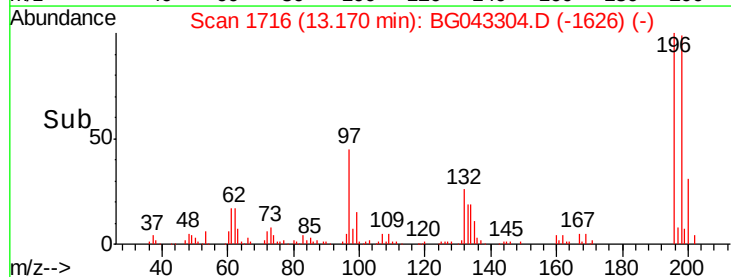
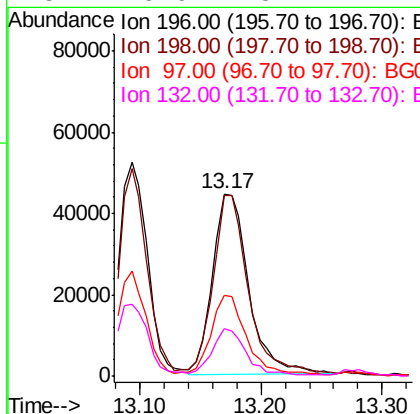
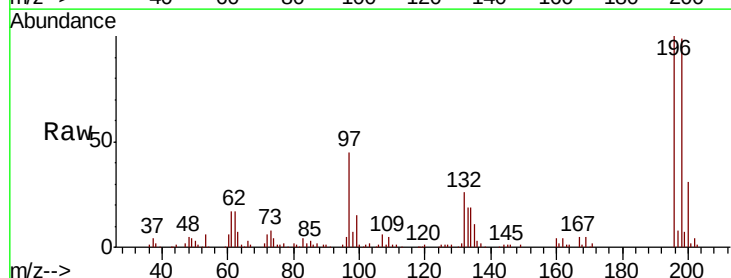
Instrument :
 BNA_G
 ClientSampleId :
 PB123887BSD

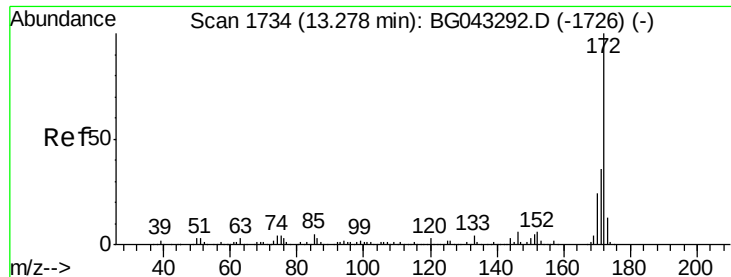
Tot Ion:196 Resp: 88414
 Ion Ratio Lower Upper
 196 100
 198 97.1 77.0 115.4
 200 30.1 27.4 41.2



#44
 2,4,5-Trichlorophenol
 Concen: 42.852 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.00 min
 Lab File: BG043304.D
 Acq: 22 Oct 2019 13:14

Tgt Ion:196 Resp: 91594
 Ion Ratio Lower Upper
 196 100
 198 99.2 76.6 114.8
 97 44.6 34.1 51.1
 132 25.9 18.2 27.4

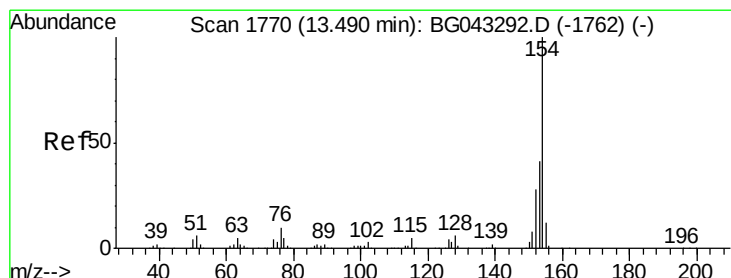
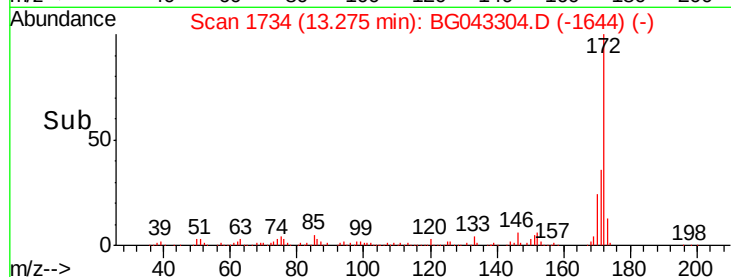
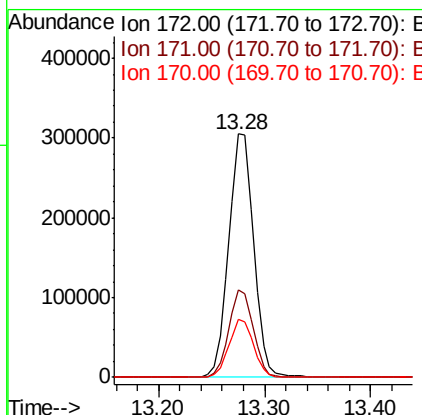
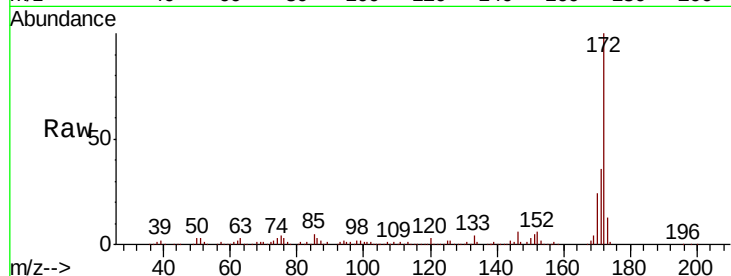




#45
 2-Fluorobiphenyl
 Concen: 70.563 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BG043304.D
 Acq: 22 Oct 2019 13:14

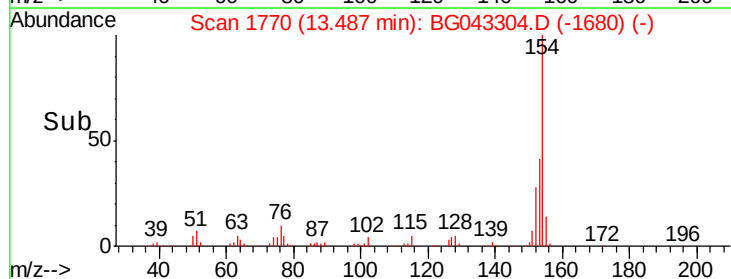
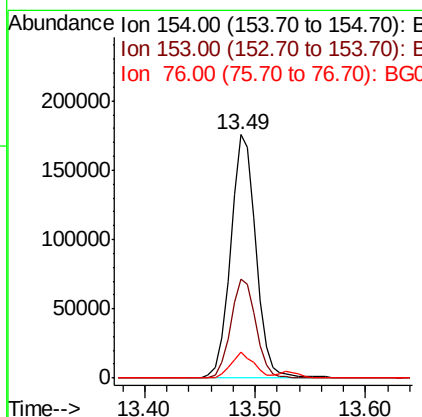
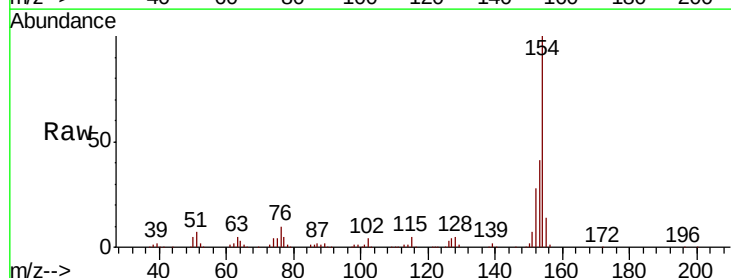
Instrument :
 BNA_G
 ClientSampleId :
 PB123887BSD

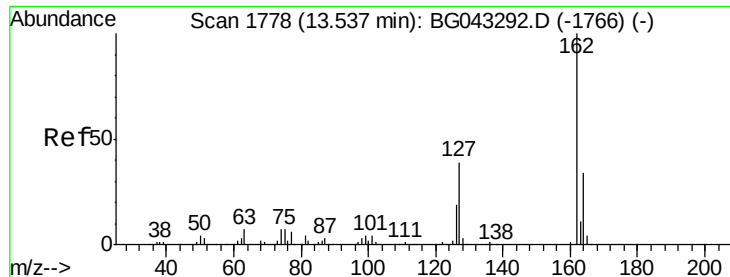
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.5	42.7
170	23.6	18.8	28.2



#46
 1,1'-Biphenyl
 Concen: 38.225 ng
 RT: 13.49 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: BG043304.D
 Acq: 22 Oct 2019 13:14

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	21.0	61.0
76	10.4	0.0	29.8





#47

2-Chloronaphthalene

Concen: 39.023 ng

RT: 13.53 min Scan# 1778

Delta R.T. -0.00 min

Lab File: BG043304.D

Acq: 22 Oct 2019 13:14

Instrument :

BNA_G

ClientSampleId :

PB123887BSD

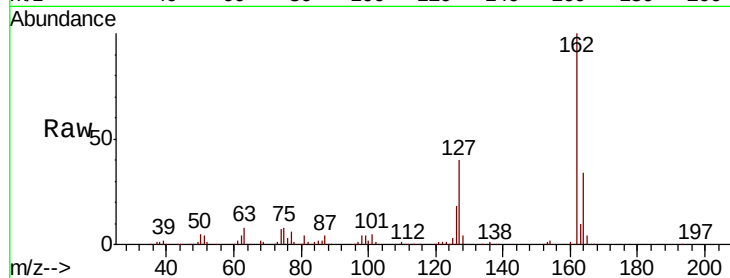
Tot Ion:162 Resp: 219120

Ion Ratio Lower Upper

162 100

127 39.8 31.3 46.9

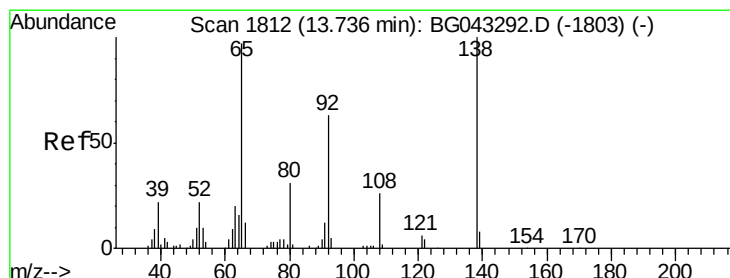
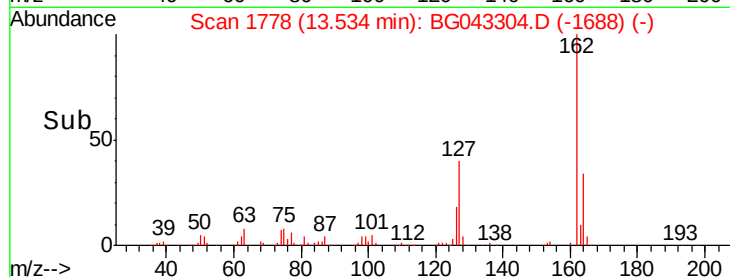
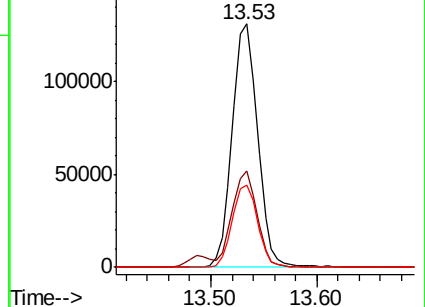
164 33.6 26.8 40.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 39.982 ng

RT: 13.74 min Scan# 1813

Delta R.T. 0.00 min

Lab File: BG043304.D

Acq: 22 Oct 2019 13:14

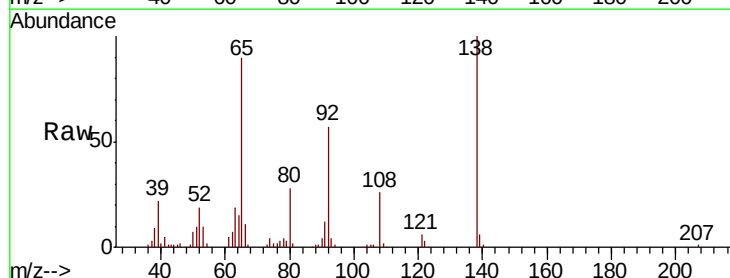
Tgt Ion: 65 Resp: 67099

Ion Ratio Lower Upper

65 100

92 64.0 52.6 79.0

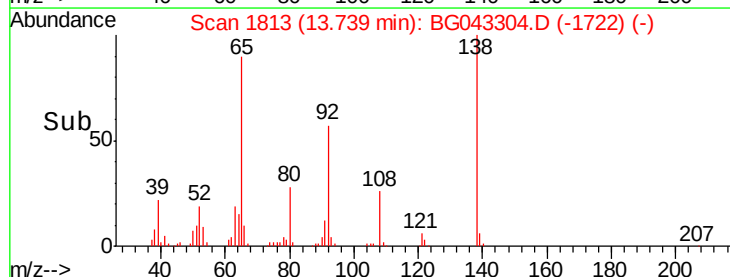
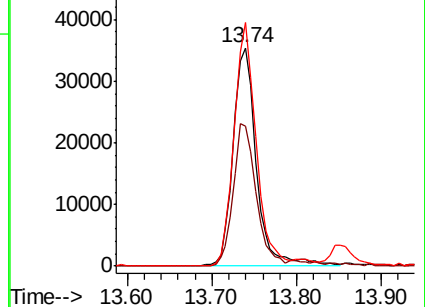
138 111.6 82.9 124.3

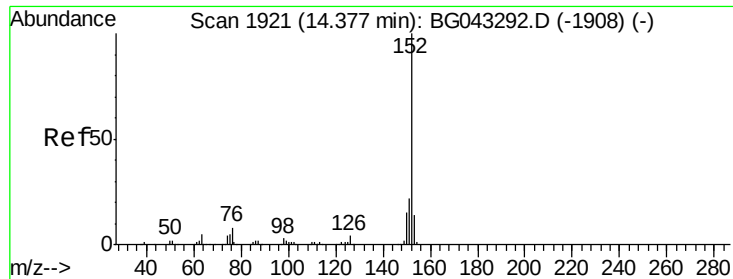


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.715 ng

RT: 14.38 min Scan# 1922

Delta R.T. 0.00 min

Lab File: BG043304.D

Acq: 22 Oct 2019 13:14

Instrument :

BNA_G

ClientSampleId :

PB123887BSD

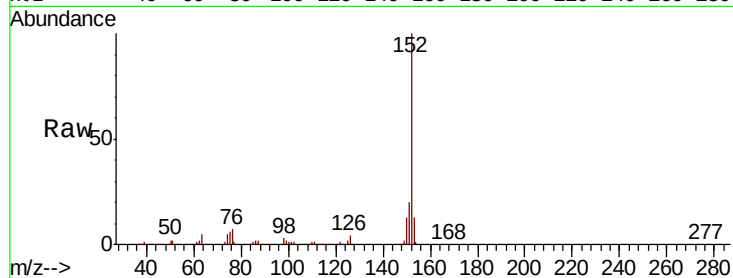
Tot Ion:152 Resp: 364555

Ion Ratio Lower Upper

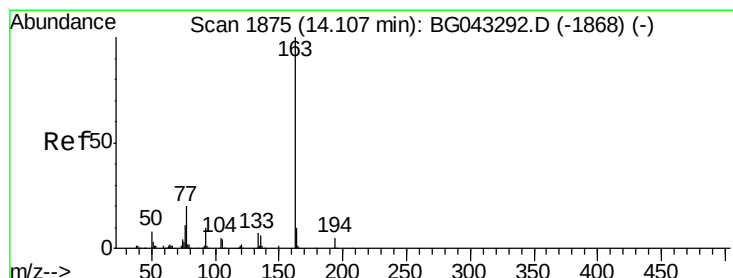
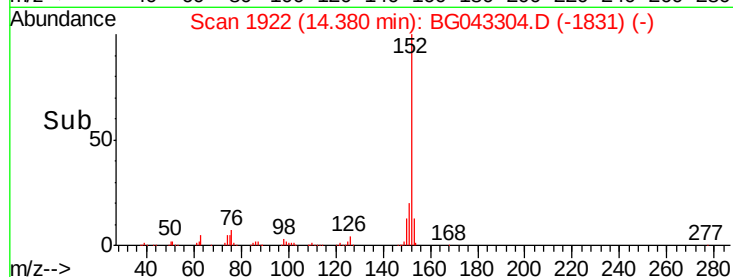
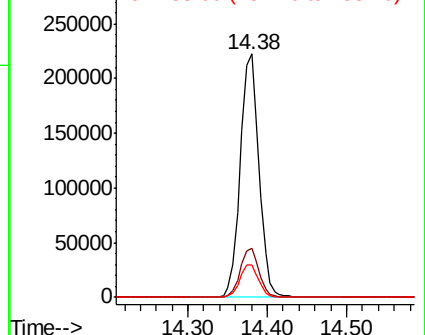
152 100

151 19.9 17.2 25.8

153 13.1 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: 39.671 ng

RT: 14.11 min Scan# 1876

Delta R.T. 0.00 min

Lab File: BG043304.D

Acq: 22 Oct 2019 13:14

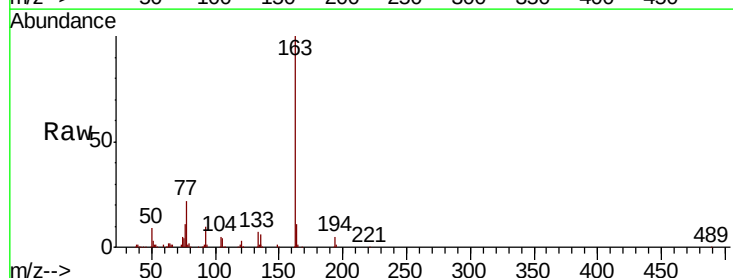
Tgt Ion:163 Resp: 298089

Ion Ratio Lower Upper

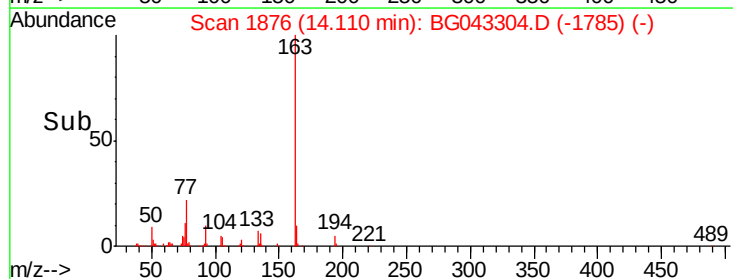
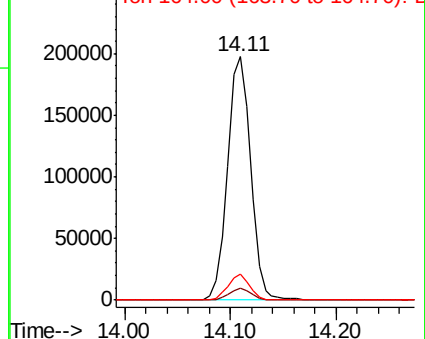
163 100

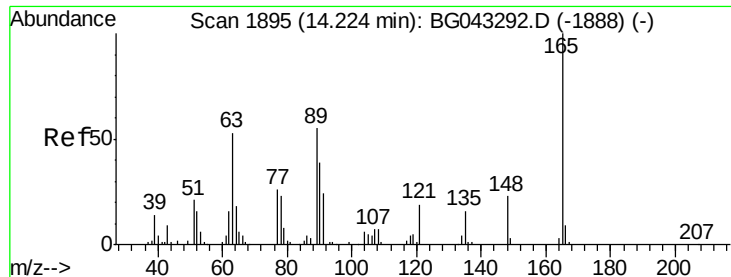
194 4.9 3.7 5.5

164 10.5 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: 42.672 ng

RT: 14.23 min Scan# 1896

Delta R.T. 0.00 min

Lab File: BG043304.D

Acq: 22 Oct 2019 13:14

Instrument :

BNA_G

ClientSampleId :

PB123887BSD

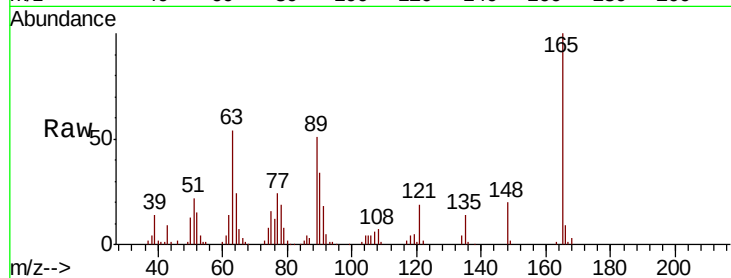
Tot Ion:165 Resp: 69658

Ion Ratio Lower Upper

165 100

63 53.6 47.1 70.7

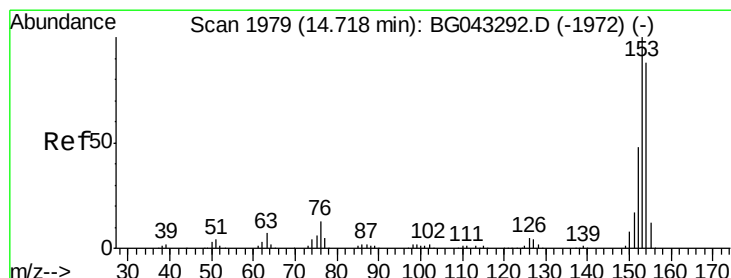
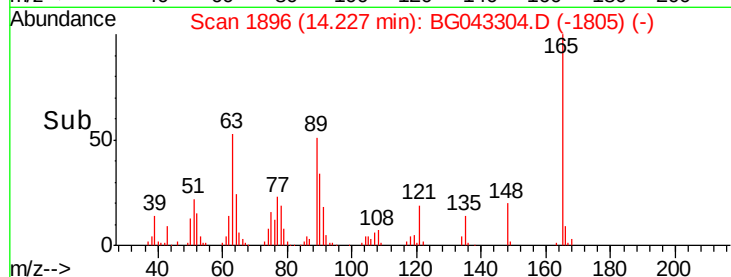
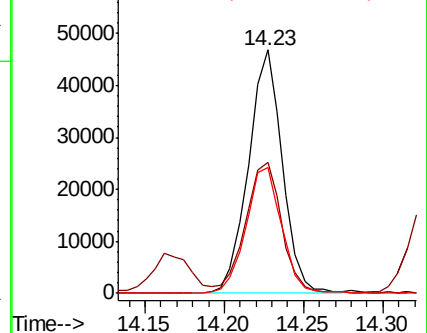
89 51.5 43.7 65.5



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: 39.593 ng

RT: 14.72 min Scan# 1980

Delta R.T. 0.00 min

Lab File: BG043304.D

Acq: 22 Oct 2019 13:14

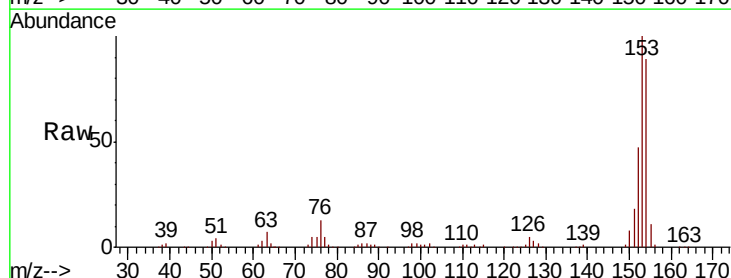
Tgt Ion:154 Resp: 211008

Ion Ratio Lower Upper

154 100

153 112.1 90.9 136.3

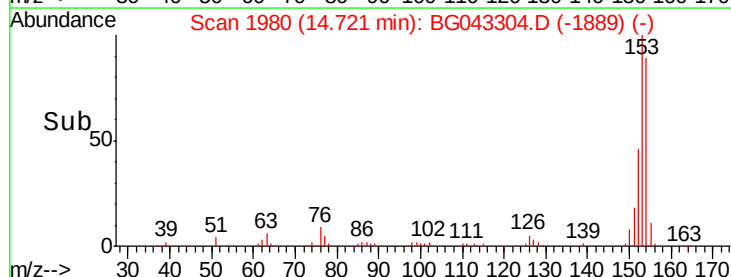
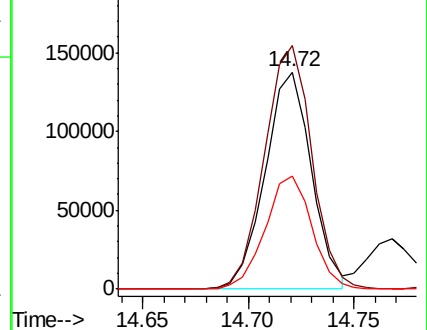
152 52.2 43.9 65.9

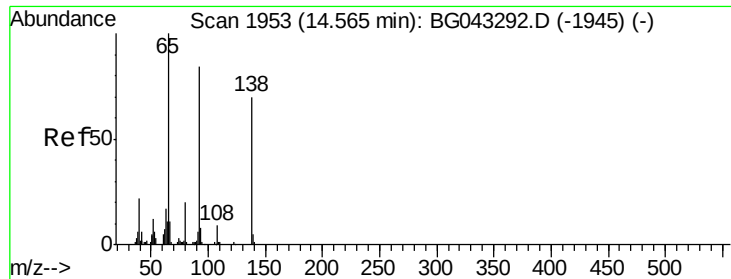


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 25.811 ng

RT: 14.56 min Scan# 1953

Delta R.T. -0.00 min

Lab File: BG043304.D

Acq: 22 Oct 2019 13:14

Instrument :

BNA_G

ClientSampleId :

PB123887BSD

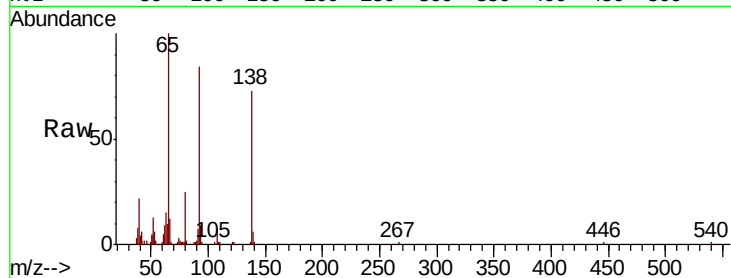
Tot Ion:138 Resp: 40679

Ion Ratio Lower Upper

138 100

108 10.0 9.8 14.6

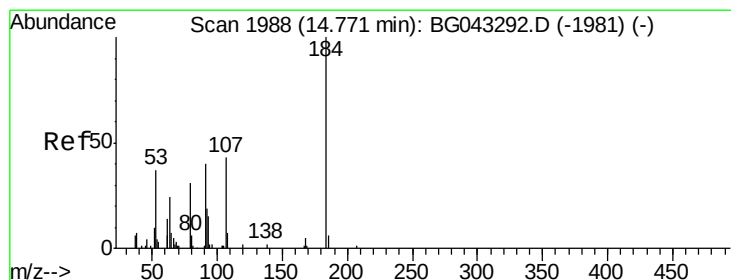
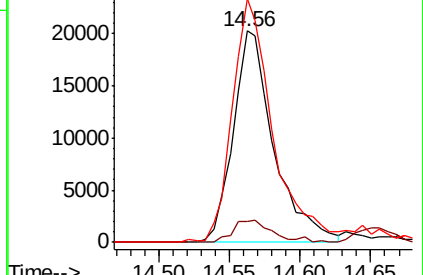
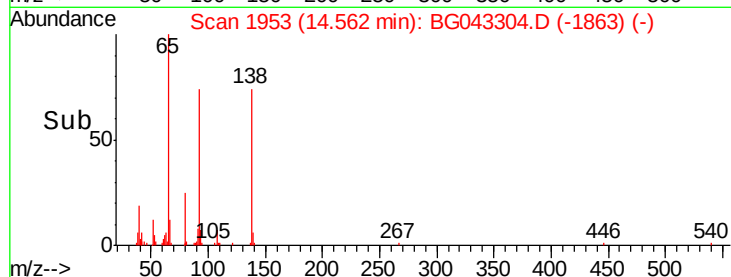
92 115.4 95.8 143.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 76.390 ng

RT: 14.77 min Scan# 1988

Delta R.T. -0.00 min

Lab File: BG043304.D

Acq: 22 Oct 2019 13:14

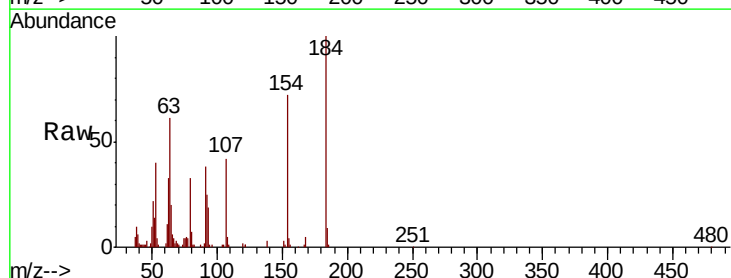
Tgt Ion:184 Resp: 77499

Ion Ratio Lower Upper

184 100

63 60.5 48.8 73.2

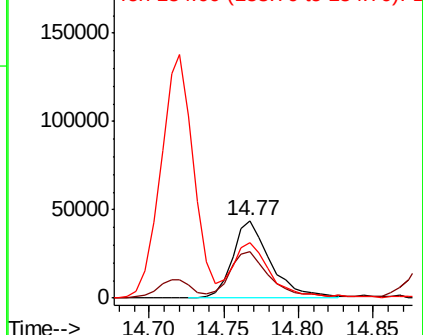
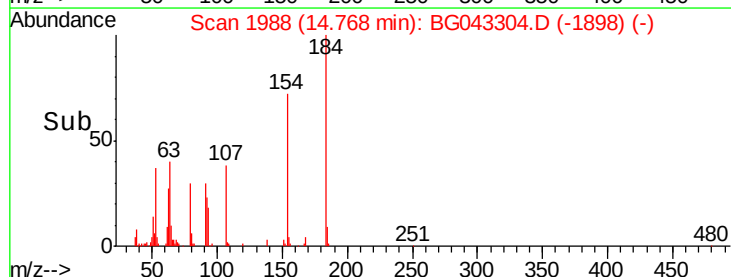
154 72.3 49.4 74.0

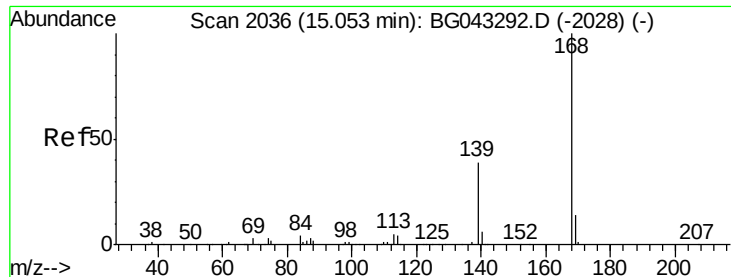


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

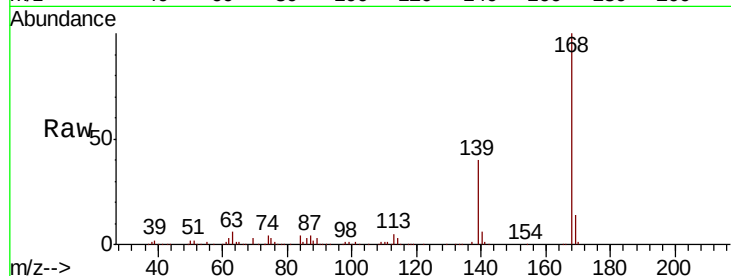




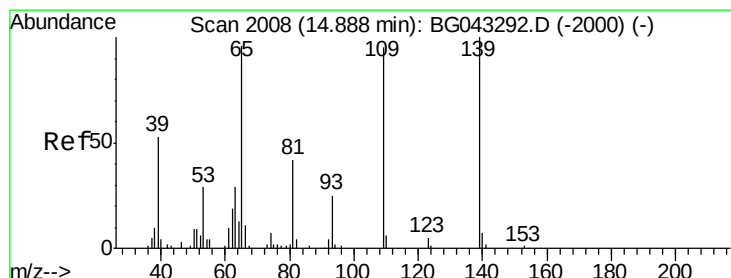
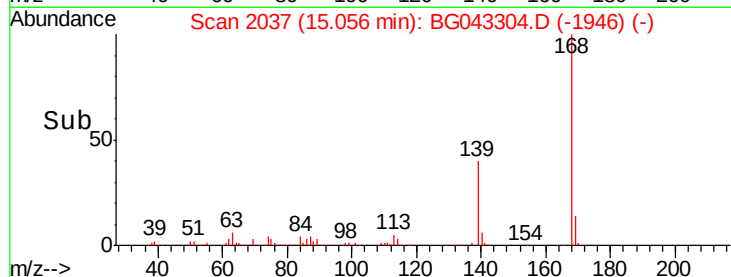
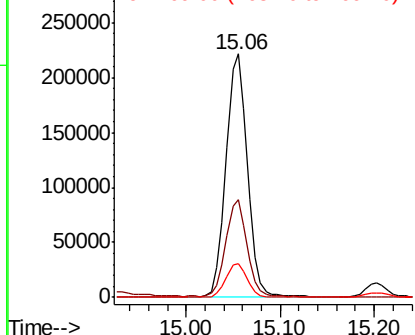
#55
Dibenzofuran
Concen: 40.758 ng
RT: 15.06 min Scan# 2037
Delta R.T. 0.00 min
Lab File: BG043304.D
Acq: 22 Oct 2019 13:14

Instrument :
BNA_G
ClientSampleId :
PB123887BSD

Tot Ion:168 Resp: 352254
Ion Ratio Lower Upper
168 100
139 40.0 31.7 47.5
169 13.6 11.0 16.4

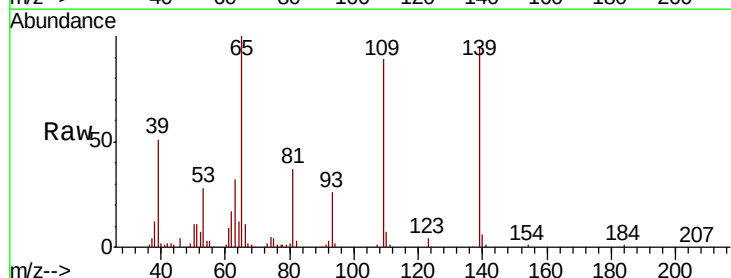


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

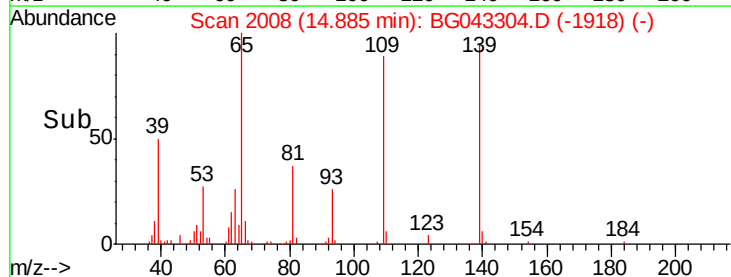
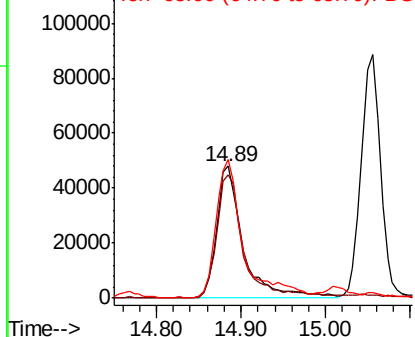


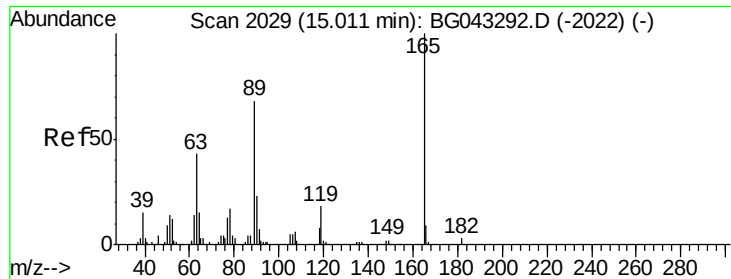
#56
4-Nitrophenol
Concen: 100.054 ng
RT: 14.89 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BG043304.D
Acq: 22 Oct 2019 13:14

Tgt Ion:139 Resp: 105672
Ion Ratio Lower Upper
139 100
109 93.1 75.4 115.4
65 104.8 76.6 116.6



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

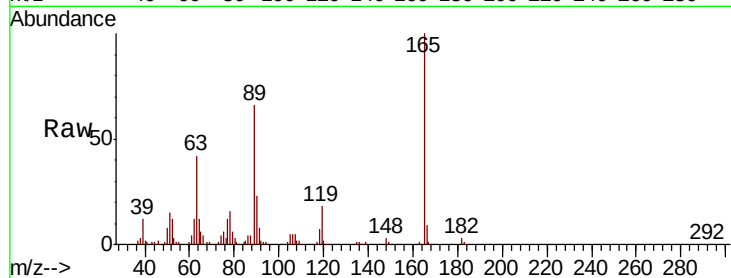




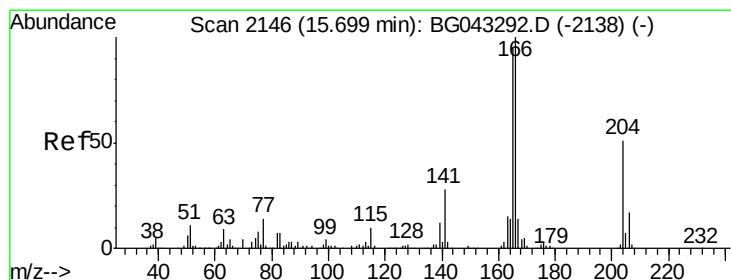
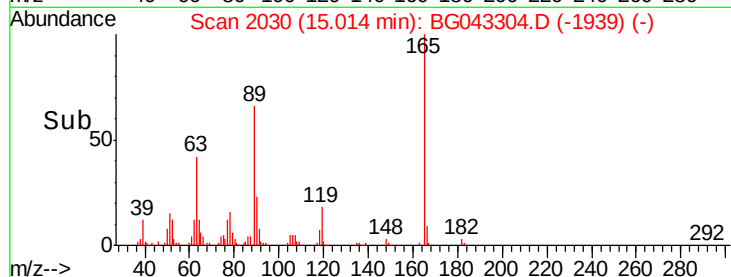
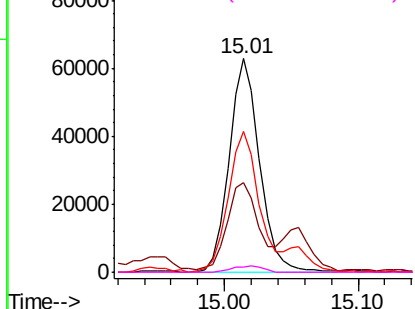
#57
 2,4-Dinitrotoluene
 Concen: 42.738 ng
 RT: 15.01 min Scan# 2030
 Delta R.T. 0.00 min
 Lab File: BG043304.D
 Acq: 22 Oct 2019 13:14

Instrument :
 BNA_G
 ClientSampleId :
 PB123887BSD

Tot Ion:165 Resp: 99703
 Ion Ratio Lower Upper
 165 100
 63 42.1 35.0 52.6
 89 66.1 54.1 81.1
 182 2.5 2.2 3.2

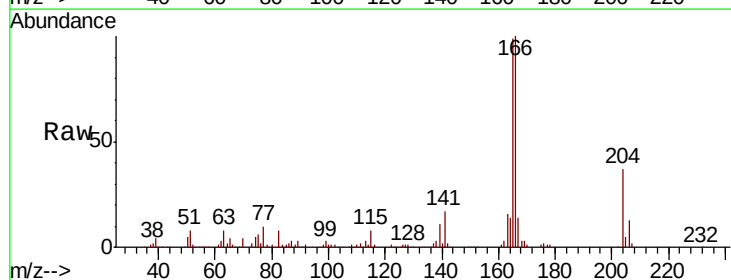


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

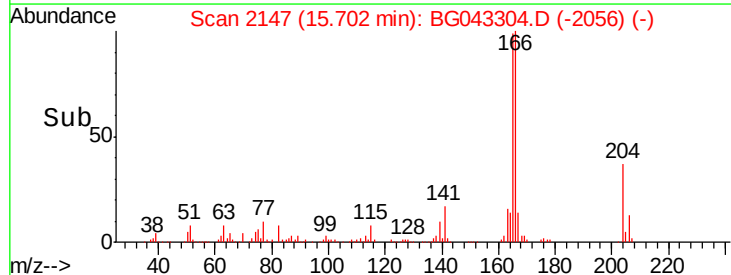
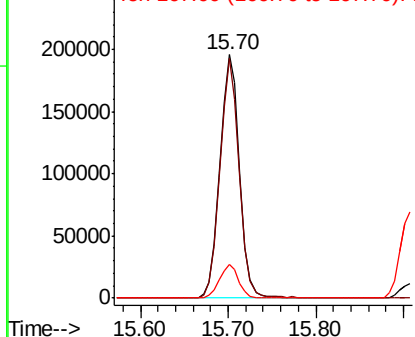


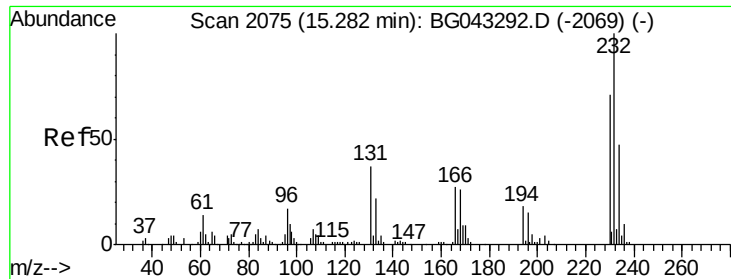
#58
 Fluorene
 Concen: 41.860 ng
 RT: 15.70 min Scan# 2147
 Delta R.T. 0.00 min
 Lab File: BG043304.D
 Acq: 22 Oct 2019 13:14

Tgt Ion:166 Resp: 303425
 Ion Ratio Lower Upper
 166 100
 165 98.6 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

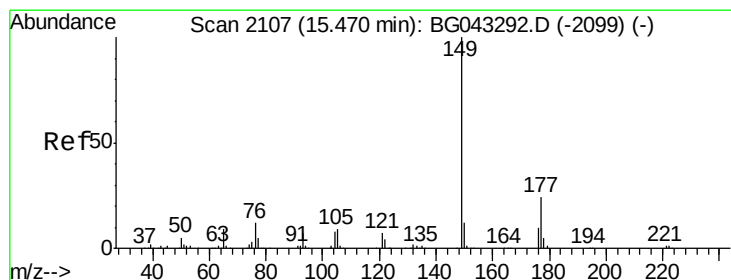
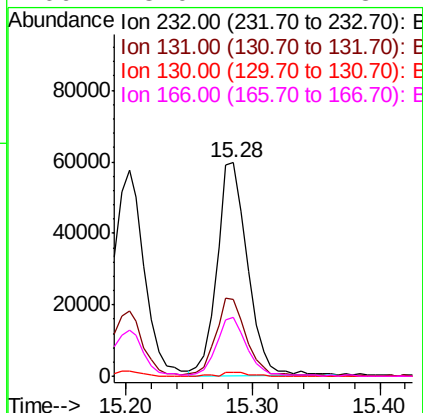
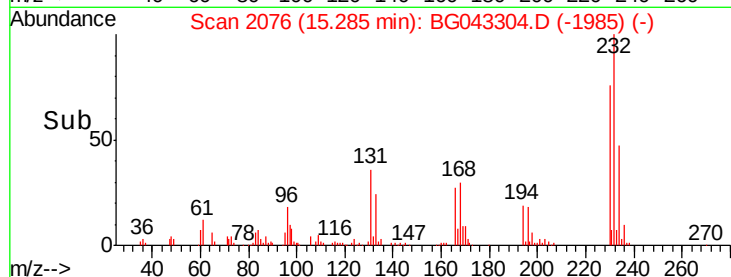
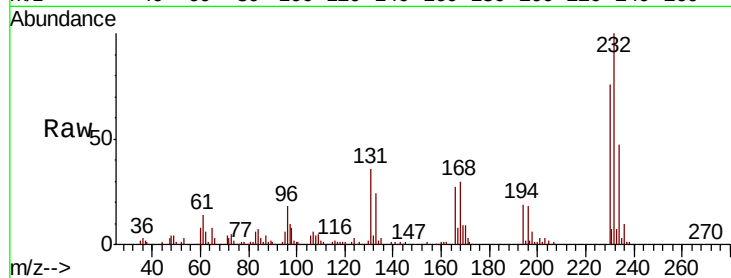




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.910 ng
 RT: 15.28 min Scan# 2076
 Delta R.T. 0.00 min
 Lab File: BG043304.D
 Acq: 22 Oct 2019 13:14

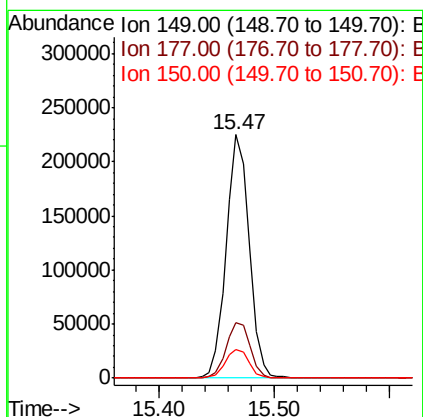
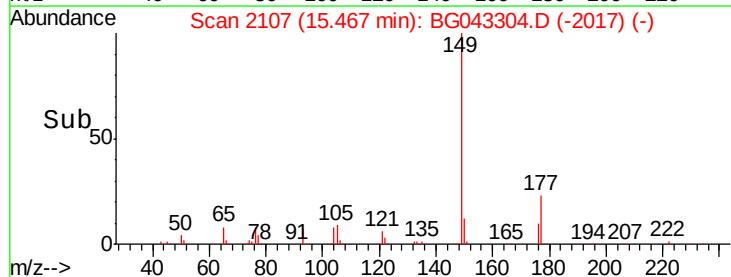
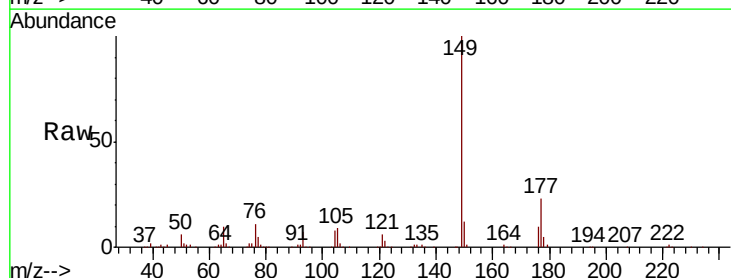
Instrument :
 BNA_G
 ClientSampleId :
 PB123887BSD

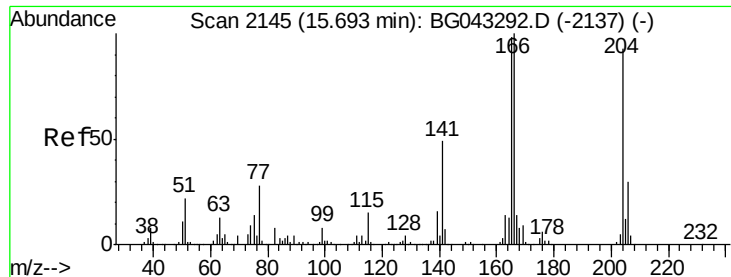
Tot Ion:232 Resp: 99719
 Ion Ratio Lower Upper
 232 100
 131 35.8 28.7 43.1
 130 1.8 0.6 0.8#
 166 28.0 21.1 31.7



#60
 Diethylphthalate
 Concen: 41.093 ng
 RT: 15.47 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: BG043304.D
 Acq: 22 Oct 2019 13:14

Tgt Ion:149 Resp: 310246
 Ion Ratio Lower Upper
 149 100
 177 23.0 19.0 28.4
 150 12.0 9.4 14.0

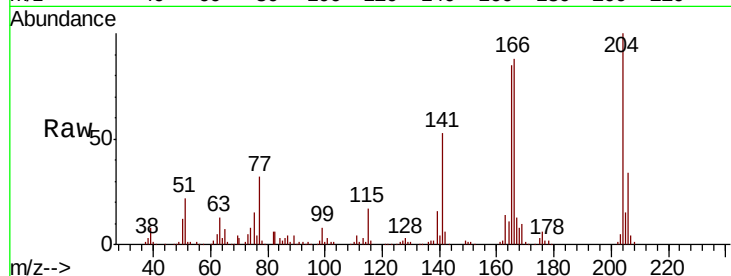




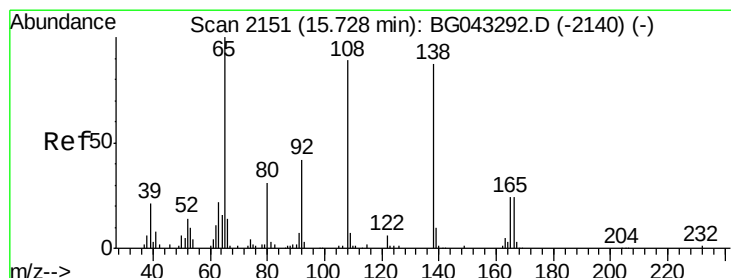
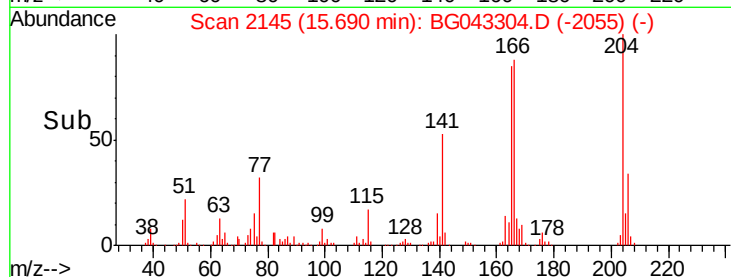
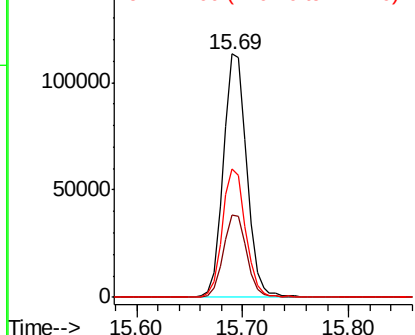
#61
4-Chlorophenyl-phenylether
Concen: 41.165 ng
RT: 15.69 min Scan# 2145
Delta R.T. -0.00 min
Lab File: BG043304.D
Acq: 22 Oct 2019 13:14

Instrument :
BNA_G
ClientSampleId :
PB123887BSD

Tot Ion:204 Resp: 174072
Ion Ratio Lower Upper
204 100
206 33.6 25.7 38.5
141 52.7 42.3 63.5

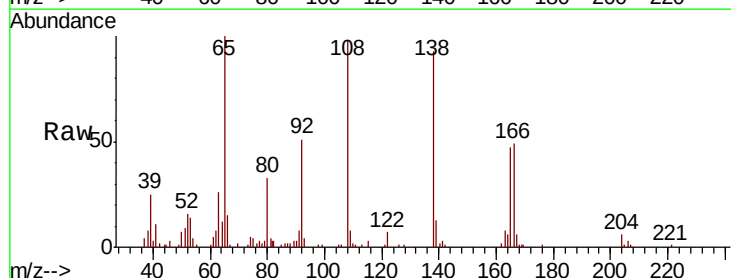


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

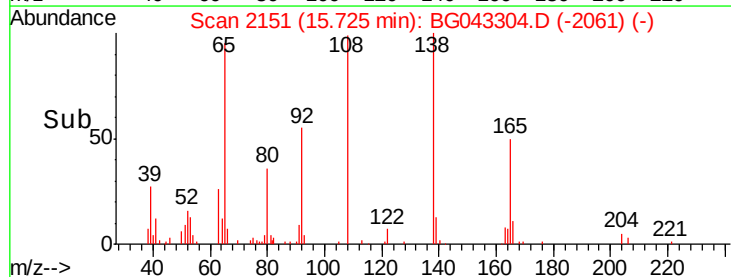
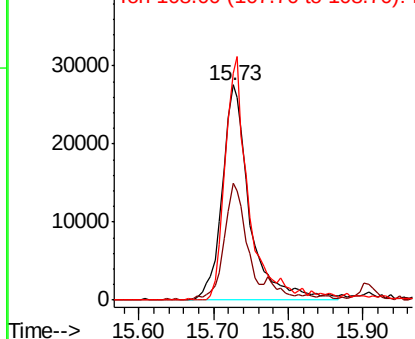


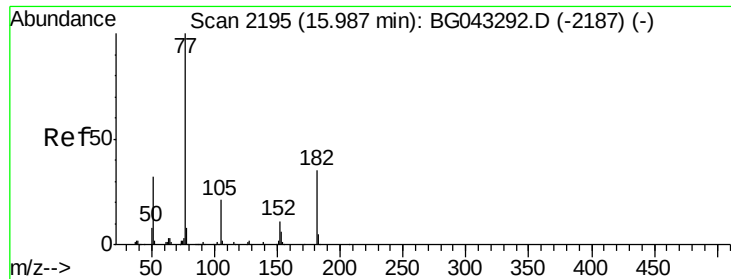
#62
4-Nitroaniline
Concen: 43.378 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.00 min
Lab File: BG043304.D
Acq: 22 Oct 2019 13:14

Tgt Ion:138 Resp: 70605
Ion Ratio Lower Upper
138 100
92 54.6 28.8 68.8
108 105.7 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: 41.636 ng

RT: 15.98 min Scan# 2195

Delta R.T. -0.00 min

Lab File: BG043304.D

Acq: 22 Oct 2019 13:14

Instrument :

BNA_G

ClientSampleId :

PB123887BSD

Tot Ion: 77 Resp: 254406

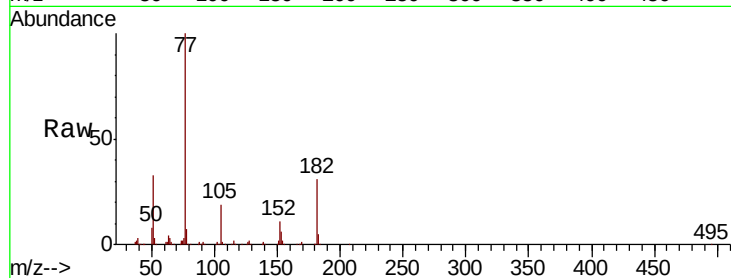
Ion Ratio Lower Upper

77 100

182 31.3 14.9 54.9

105 19.1 0.6 40.6

51 33.5 12.5 52.5

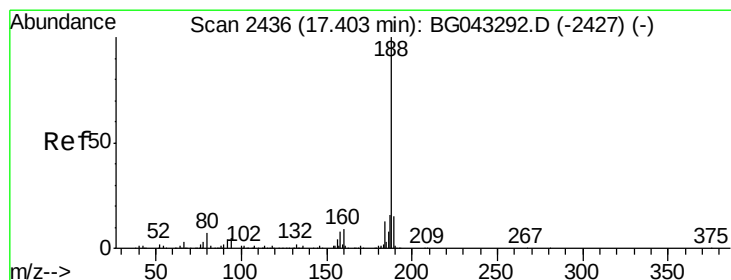
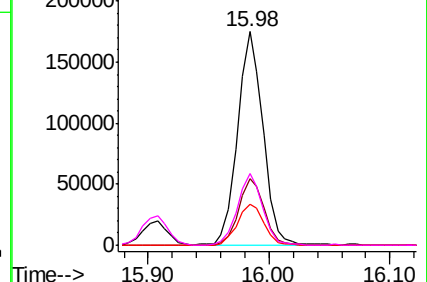
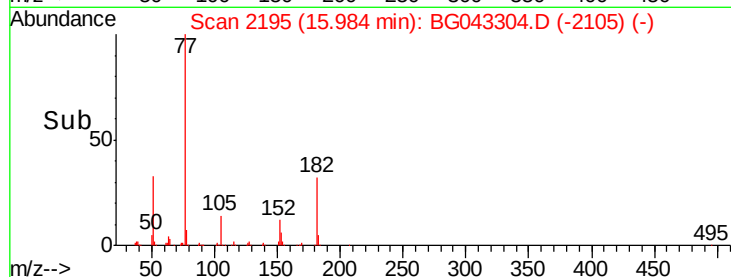


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.40 min Scan# 2436

Delta R.T. -0.00 min

Lab File: BG043304.D

Acq: 22 Oct 2019 13:14

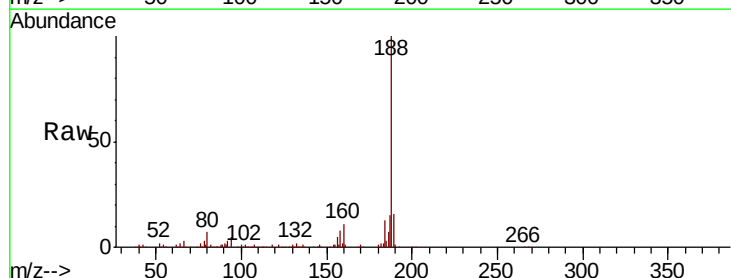
Tgt Ion: 188 Resp: 246812

Ion Ratio Lower Upper

188 100

94 5.5 4.2 6.2

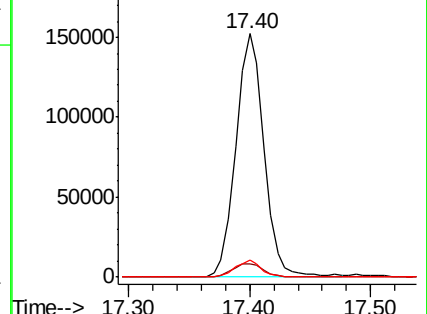
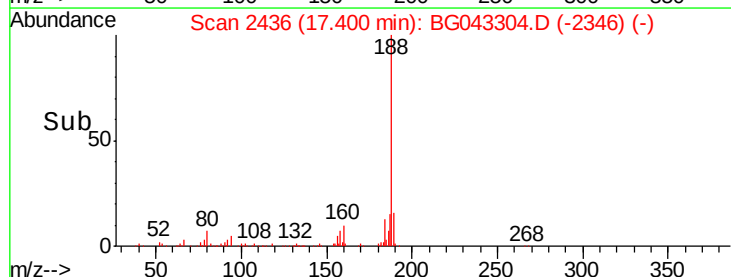
80 7.0 5.2 7.8

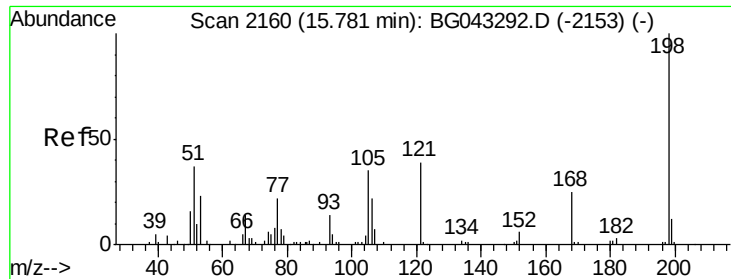


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

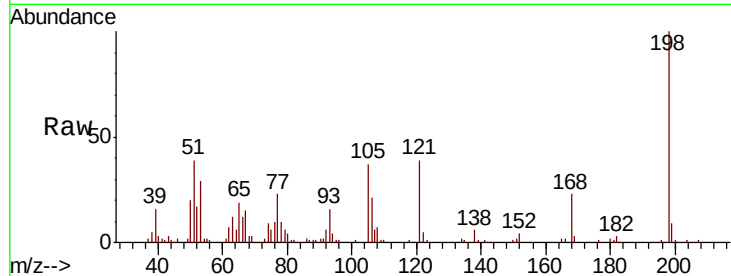




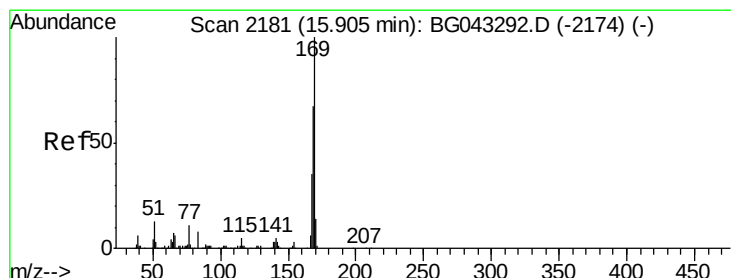
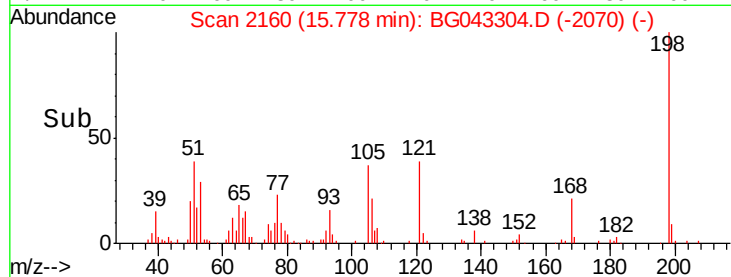
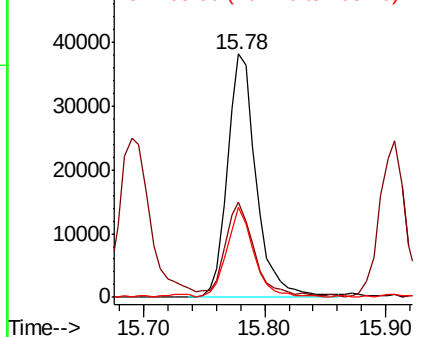
#65
 4,6-Dinitro-2-methylphenol
 Concen: 43.819 ng
 RT: 15.78 min Scan# 2160
 Delta R.T. -0.00 min
 Lab File: BG043304.D
 Acq: 22 Oct 2019 13:14

Instrument :
 BNA_G
 ClientSampleId :
 PB123887BSD

Tot Ion:198 Resp: 63647
 Ion Ratio Lower Upper
 198 100
 51 39.3 21.4 61.4
 105 36.7 16.5 56.5

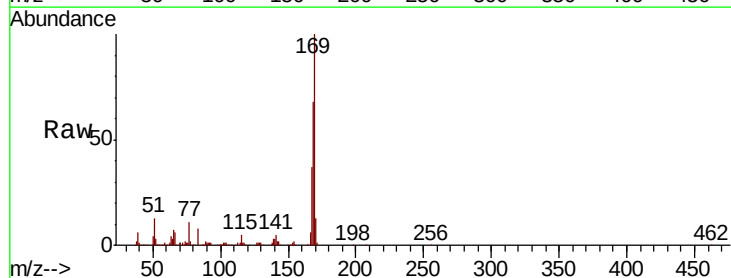


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

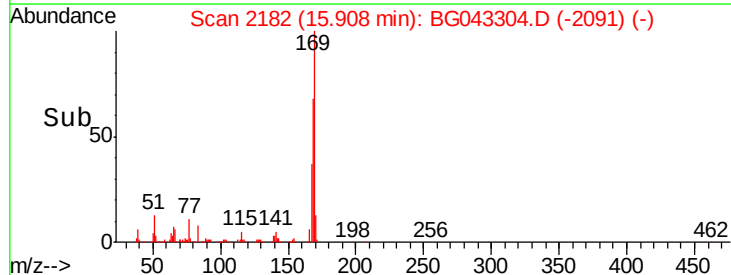
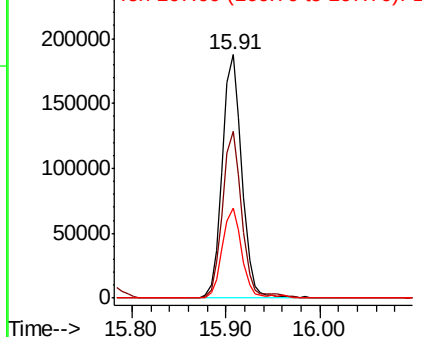


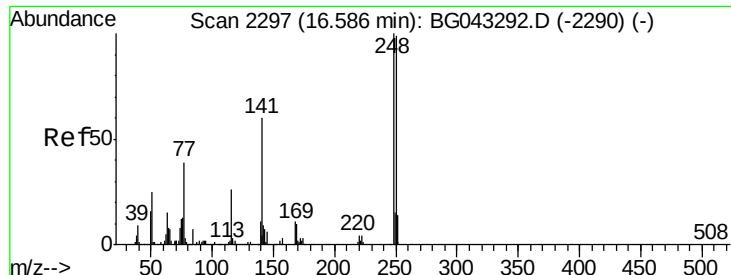
#66
 n-Nitrosodiphenylamine
 Concen: 39.192 ng
 RT: 15.91 min Scan# 2182
 Delta R.T. 0.00 min
 Lab File: BG043304.D
 Acq: 22 Oct 2019 13:14

Tgt Ion:169 Resp: 273093
 Ion Ratio Lower Upper
 169 100
 168 68.3 53.9 80.9
 167 37.1 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

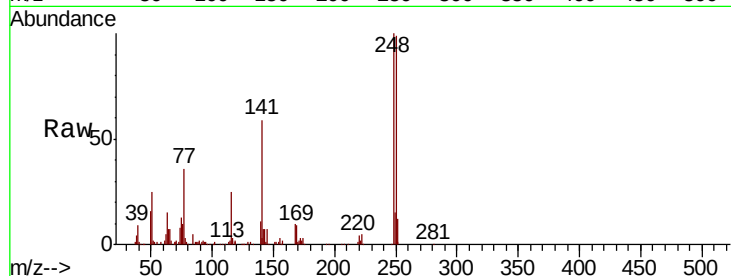




#67
4-Bromophenyl-phenylether
Concen: 37.011 ng
RT: 16.59 min Scan# 2298
Delta R.T. 0.00 min
Lab File: BG043304.D
Acq: 22 Oct 2019 13:14

Instrument :
BNA_G
ClientSampleId :
PB123887BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.2	79.3	118.9
141	59.2	47.9	71.9

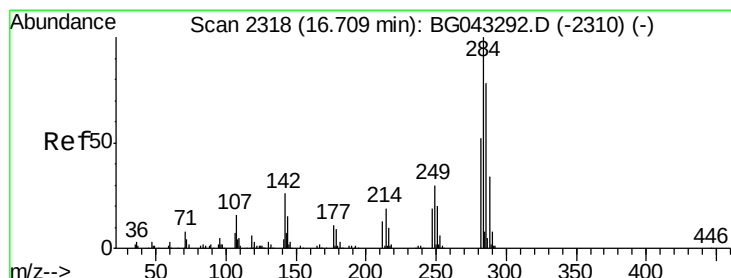
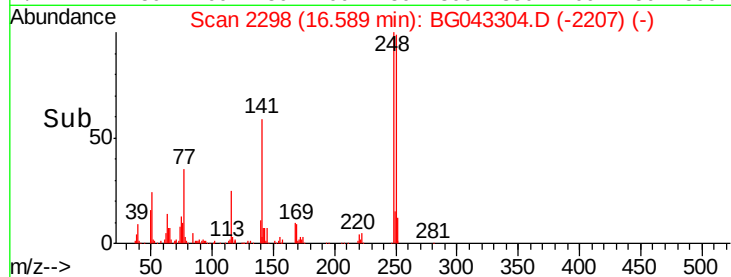
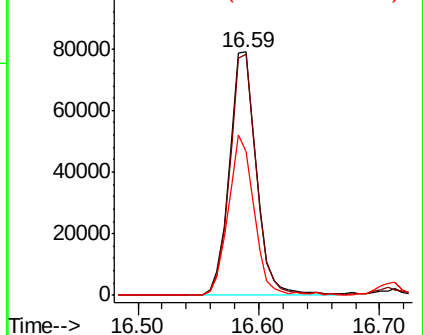


Abundance

Ion 248.00 (247.70 to 248.70): E

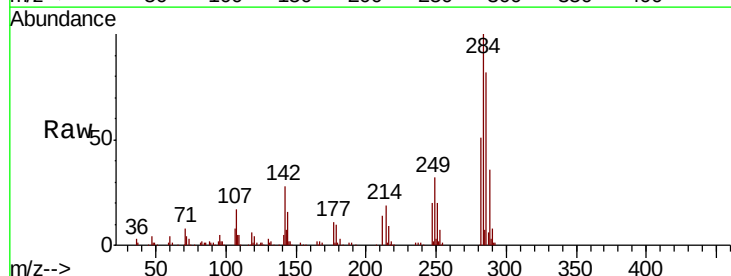
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 35.551 ng
RT: 16.71 min Scan# 2318
Delta R.T. -0.00 min
Lab File: BG043304.D
Acq: 22 Oct 2019 13:14

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.9	21.1	31.7
249	31.9	24.4	36.6

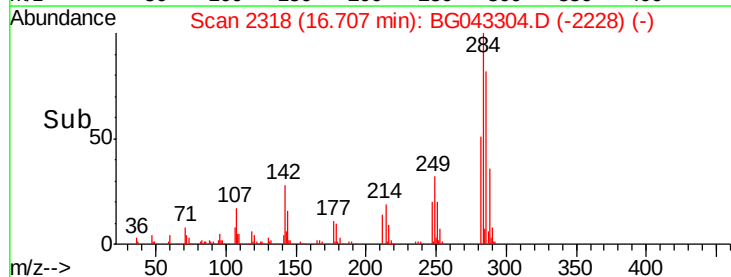
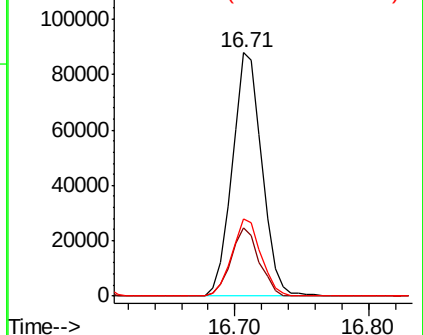


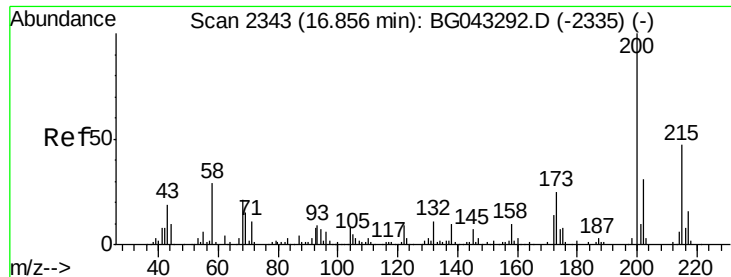
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 46.200 ng

RT: 16.85 min Scan# 2343

Delta R.T. -0.00 min

Lab File: BG043304.D

Acq: 22 Oct 2019 13:14

Instrument :

BNA_G

ClientSampleId :

PB123887BSD

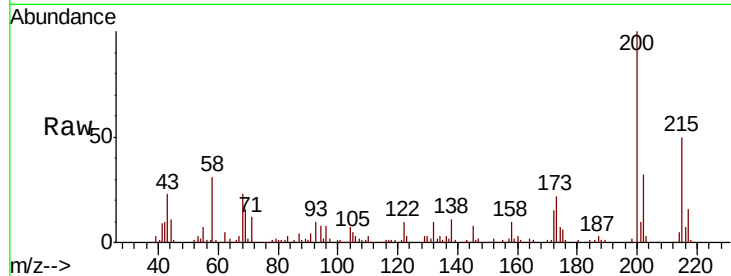
Tot Ion:200 Resp: 111864

Ion Ratio Lower Upper

200 100

173 22.3 5.1 45.1

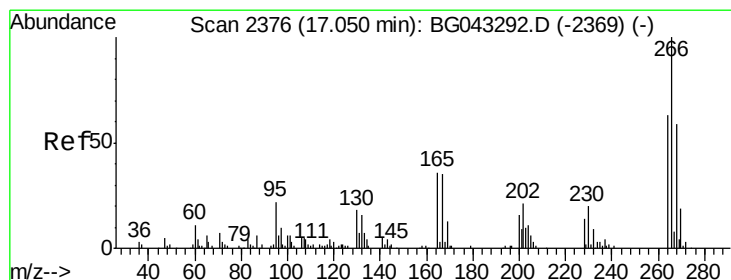
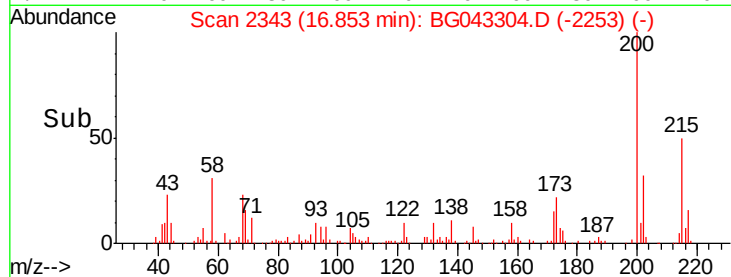
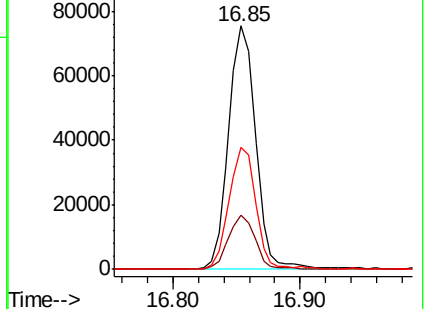
215 50.3 26.6 66.6



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: 92.849 ng

RT: 17.05 min Scan# 2377

Delta R.T. 0.00 min

Lab File: BG043304.D

Acq: 22 Oct 2019 13:14

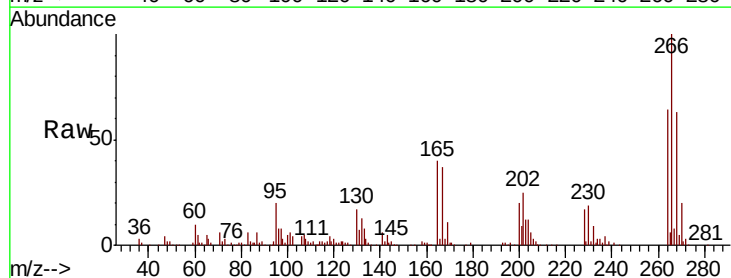
Tgt Ion:266 Resp: 161307

Ion Ratio Lower Upper

266 100

268 63.3 47.1 70.7

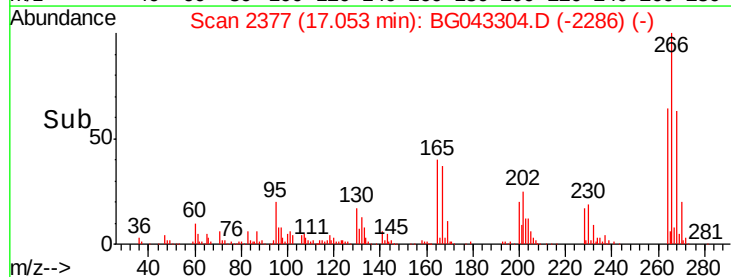
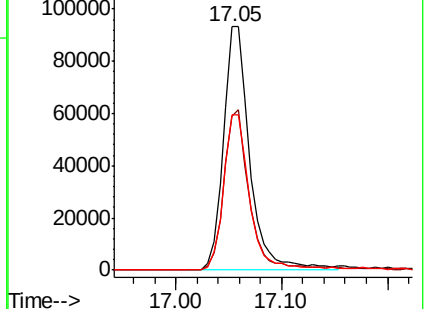
264 63.9 50.4 75.6

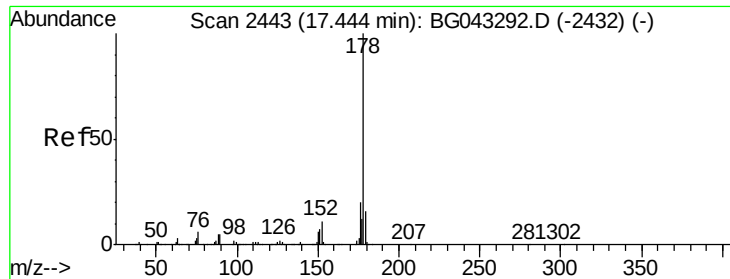


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

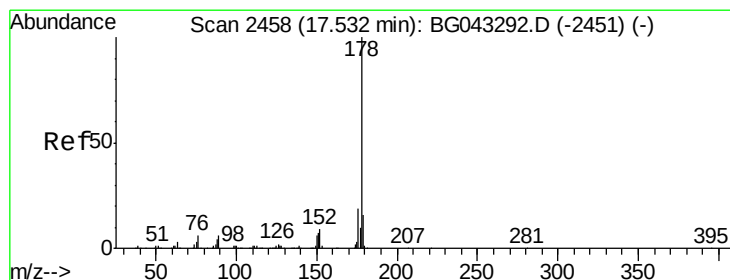
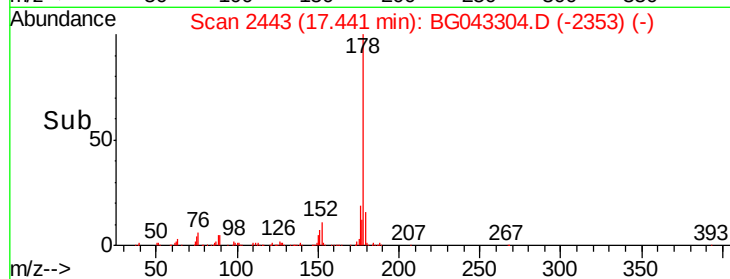
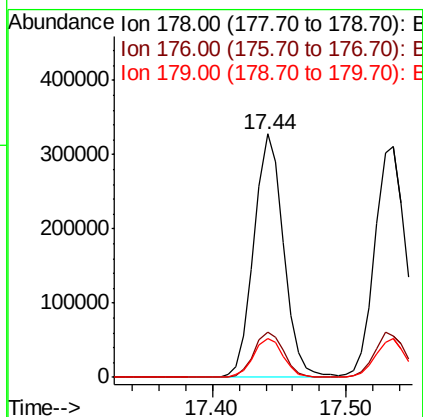
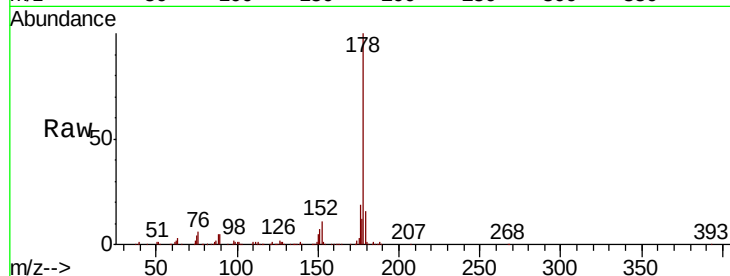




#71
Phenanthrene
Concen: 39.772 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG043304.D
Acq: 22 Oct 2019 13:14

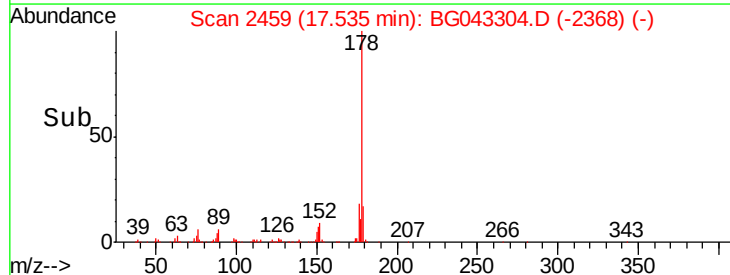
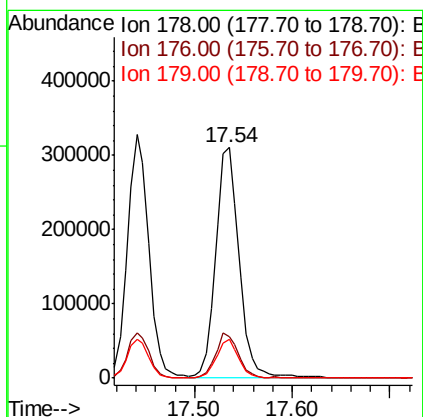
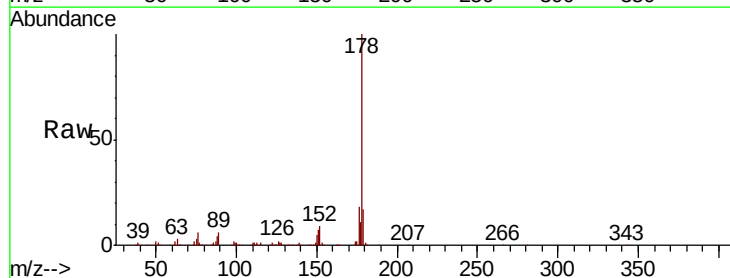
Instrument :
BNA_G
ClientSampleId :
PB123887BSD

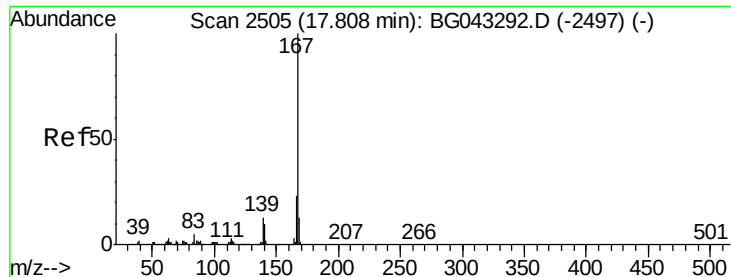
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.8
179	15.7	13.1	19.7



#72
Anthracene
Concen: 40.620 ng
RT: 17.54 min Scan# 2459
Delta R.T. 0.00 min
Lab File: BG043304.D
Acq: 22 Oct 2019 13:14

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.1	22.7
179	17.0	13.0	19.6





#73

Carbazole

Concen: 42.150 ng

RT: 17.81 min Scan# 2505

Delta R.T. -0.00 min

Lab File: BG043304.D

Acq: 22 Oct 2019 13:14

Instrument :

BNA_G

ClientSampleId :

PB123887BSD

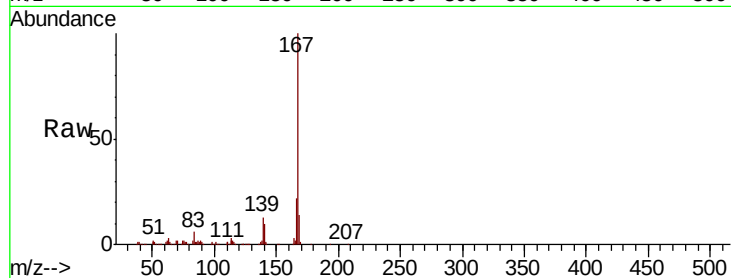
Tot Ion:167 Resp: 482660

Ion Ratio Lower Upper

167 100

166 21.7 18.4 27.6

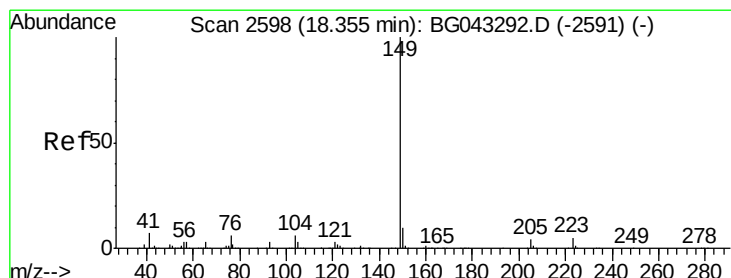
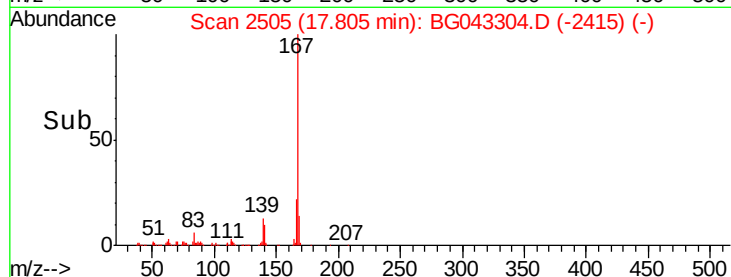
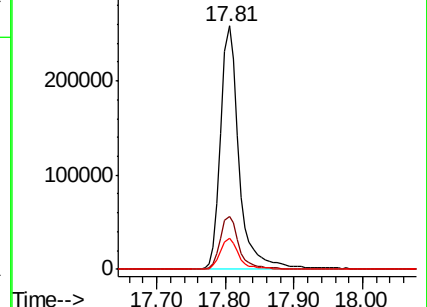
139 12.6 10.2 15.4



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 41.156 ng

RT: 18.36 min Scan# 2599

Delta R.T. 0.00 min

Lab File: BG043304.D

Acq: 22 Oct 2019 13:14

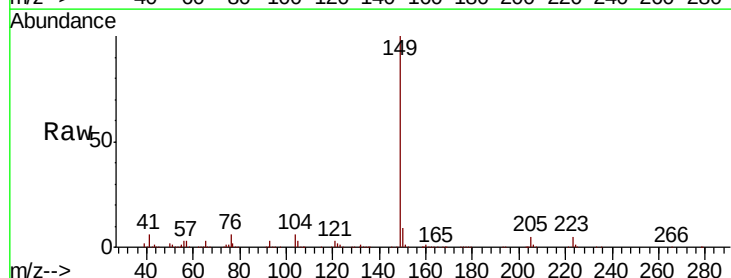
Tgt Ion:149 Resp: 571838

Ion Ratio Lower Upper

149 100

150 9.1 8.0 12.0

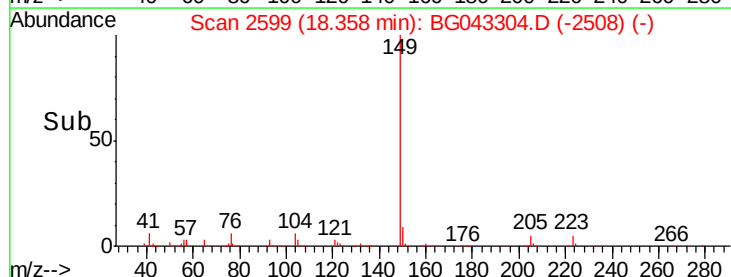
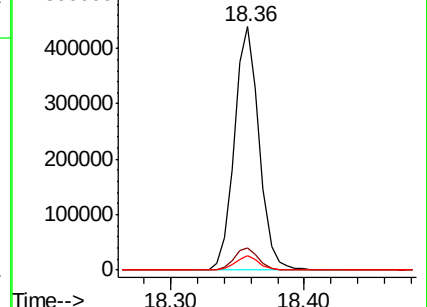
104 5.9 4.7 7.1

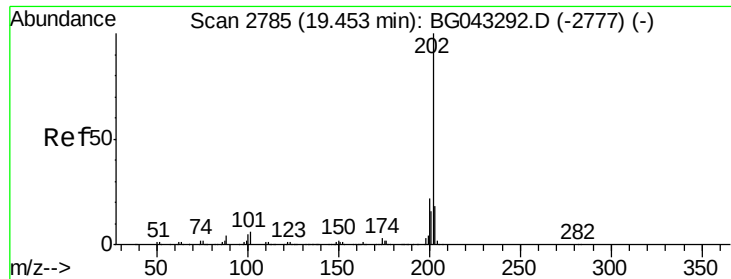


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 42.425 ng

RT: 19.45 min Scan# 2785

Delta R.T. -0.00 min

Lab File: BG043304.D

Acq: 22 Oct 2019 13:14

Instrument :

BNA_G

ClientSampleId :

PB123887BSD

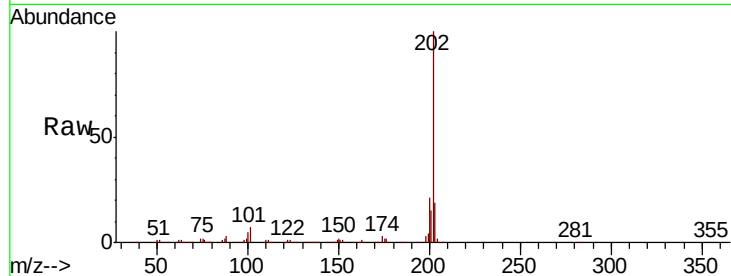
Tot Ion:202 Resp: 699036

Ion Ratio Lower Upper

202 100

101 6.6 0.0 26.0

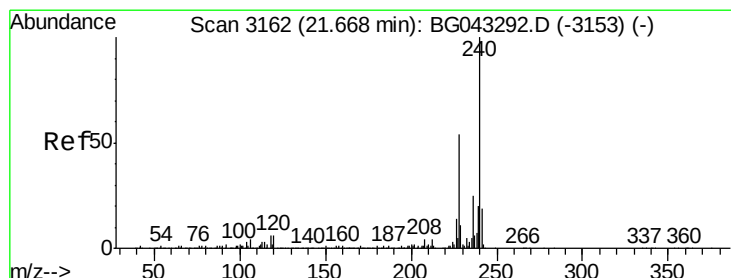
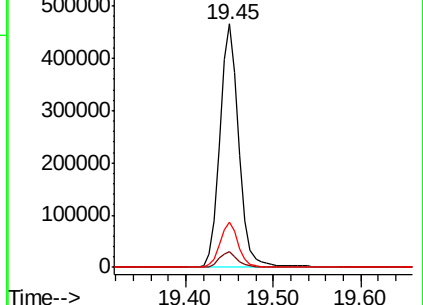
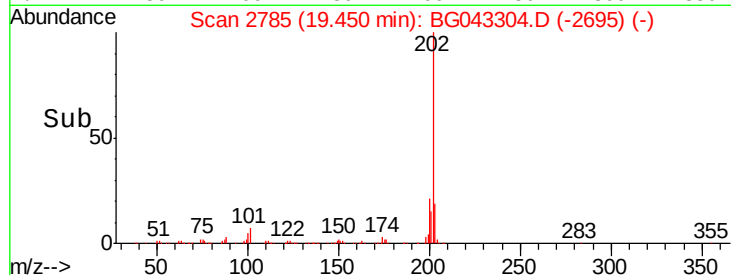
203 18.6 0.0 38.2



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: 21.67 min Scan# 3162

Delta R.T. -0.00 min

Lab File: BG043304.D

Acq: 22 Oct 2019 13:14

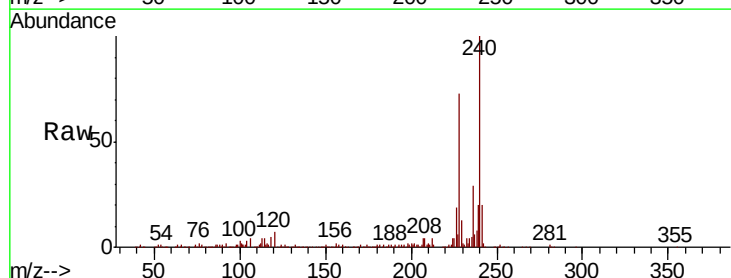
Tgt Ion:240 Resp: 293978

Ion Ratio Lower Upper

240 100

120 6.9 4.6 7.0

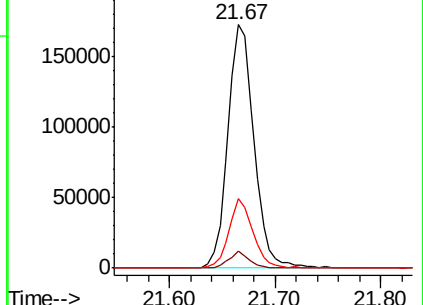
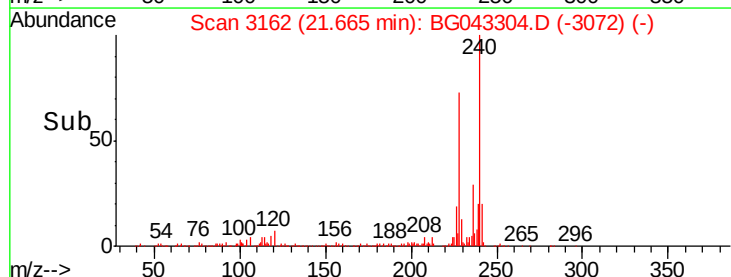
236 28.7 20.2 30.4

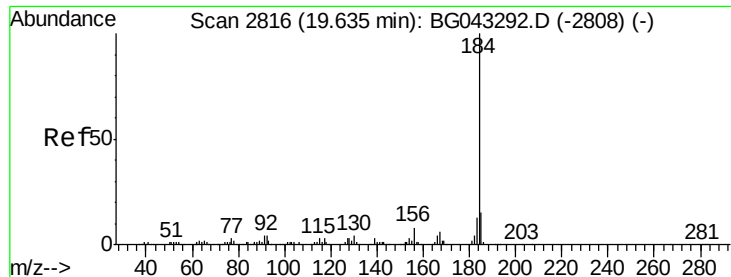


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 49.478 ng

RT: 19.63 min Scan# 2816

Delta R.T. -0.00 min

Lab File: BG043304.D

Acq: 22 Oct 2019 13:14

Instrument :

BNA_G

ClientSampleId :

PB123887BSD

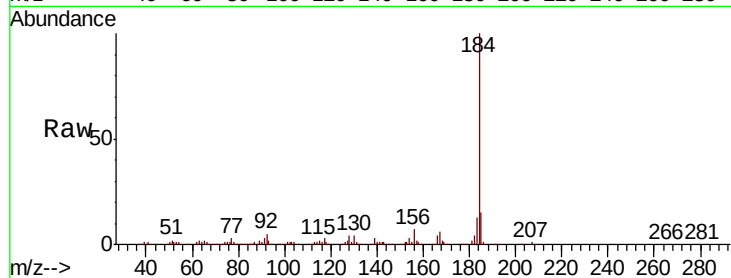
Tot Ion:184 Resp: 292731

Ion Ratio Lower Upper

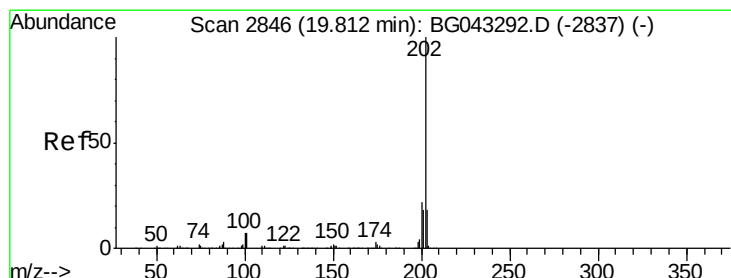
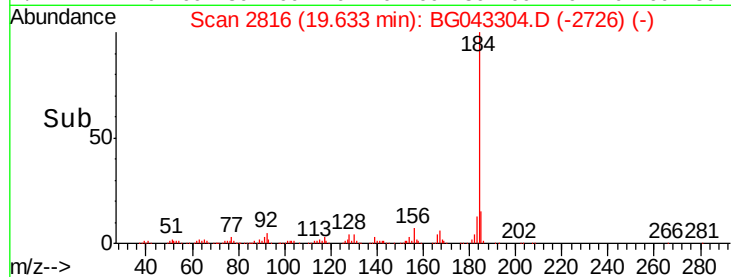
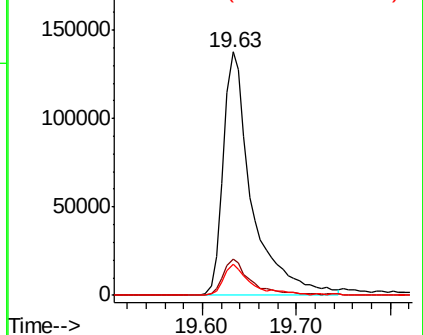
184 100

185 15.0 11.8 17.6

183 12.9 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: 39.551 ng

RT: 19.81 min Scan# 2847

Delta R.T. 0.00 min

Lab File: BG043304.D

Acq: 22 Oct 2019 13:14

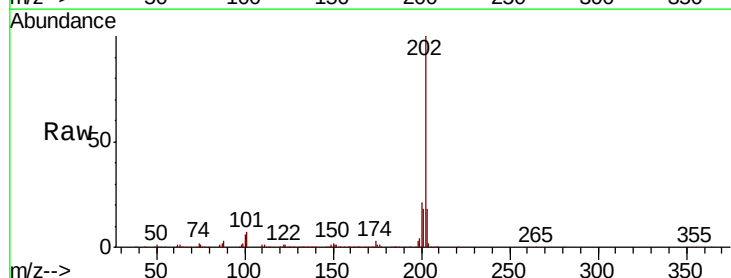
Tgt Ion:202 Resp: 719698

Ion Ratio Lower Upper

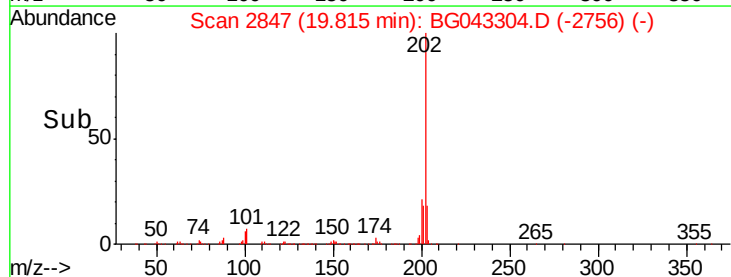
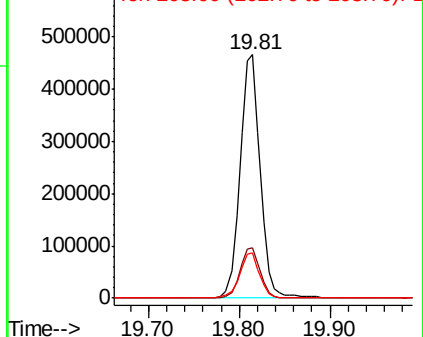
202 100

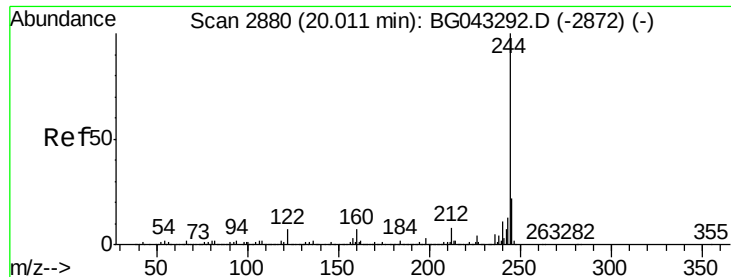
200 20.9 17.3 25.9

203 18.5 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: 66.867 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.00 min

Lab File: BG043304.D

Acq: 22 Oct 2019 13:14

Instrument :

BNA_G

ClientSampleId :

PB123887BSD

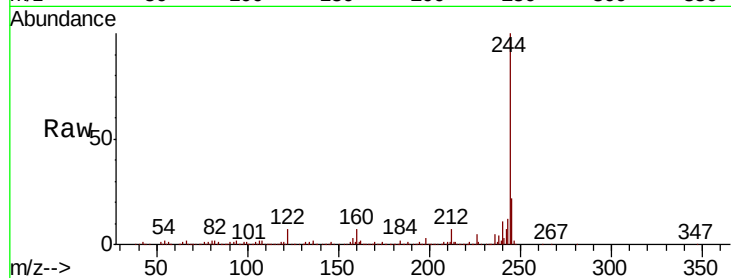
Tot Ion:244 Resp: 1047799

Ion Ratio Lower Upper

244 100

212 7.1 6.4 9.6

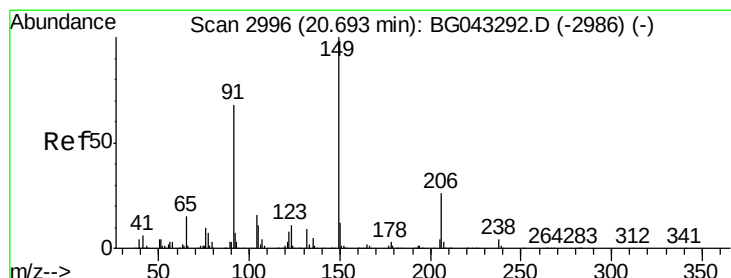
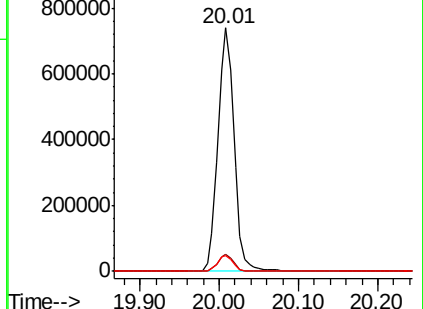
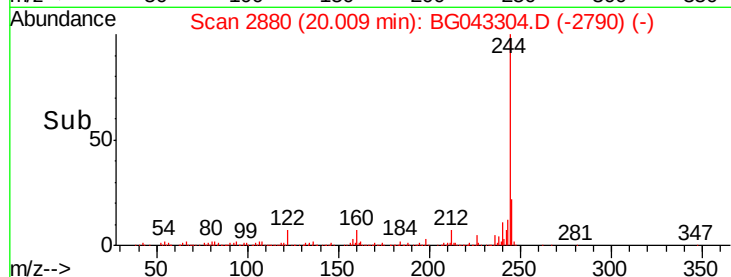
122 6.6 5.3 7.9



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: 39.139 ng

RT: 20.70 min Scan# 2997

Delta R.T. 0.00 min

Lab File: BG043304.D

Acq: 22 Oct 2019 13:14

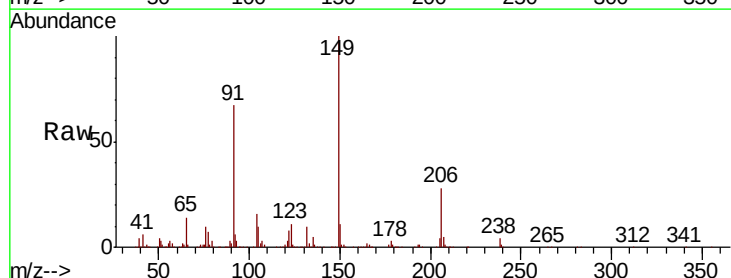
Tgt Ion:149 Resp: 269825

Ion Ratio Lower Upper

149 100

91 67.2 54.6 82.0

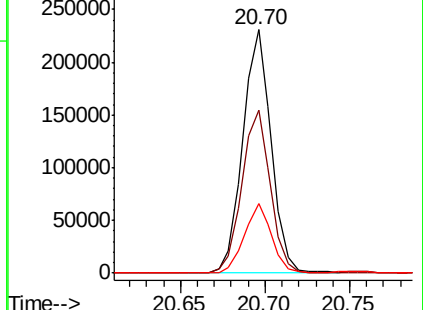
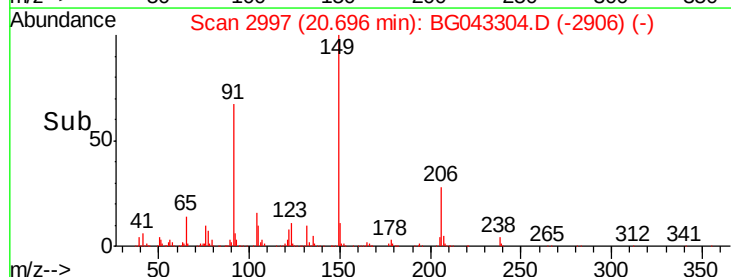
206 28.4 20.5 30.7

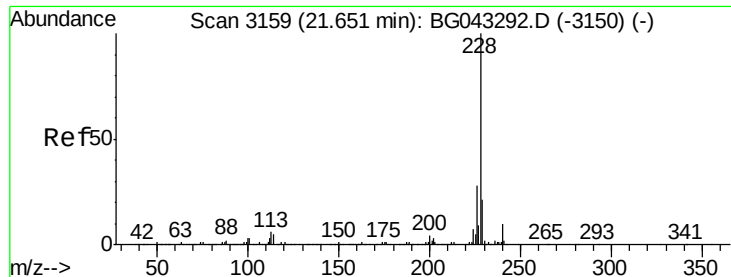


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

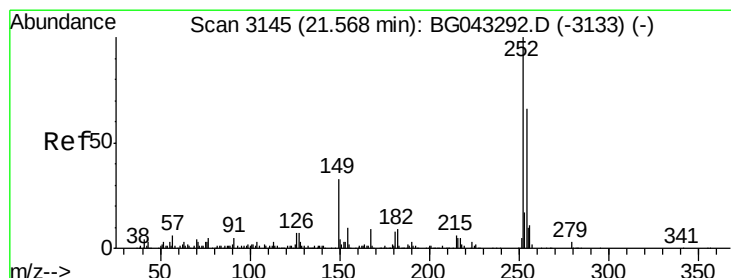
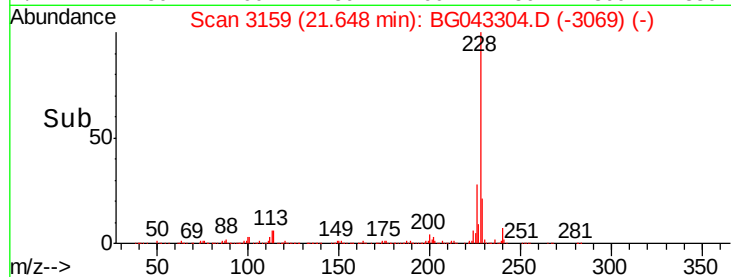
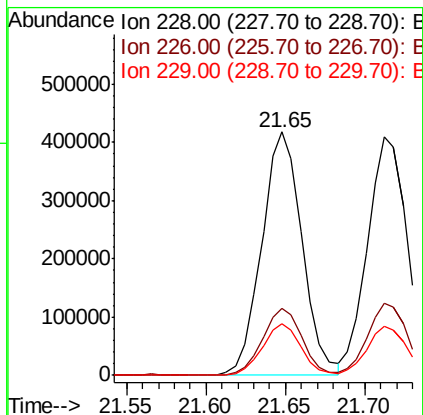
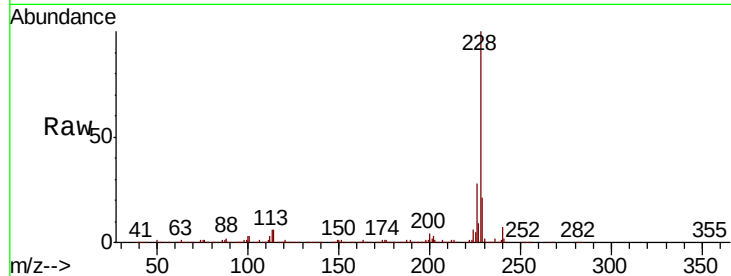




#81
Benzo(a)anthracene
Concen: 40.093 ng
RT: 21.65 min Scan# 3159
Delta R.T. -0.00 min
Lab File: BG043304.D
Acq: 22 Oct 2019 13:14

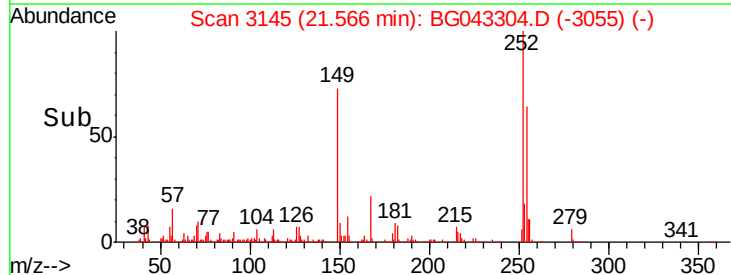
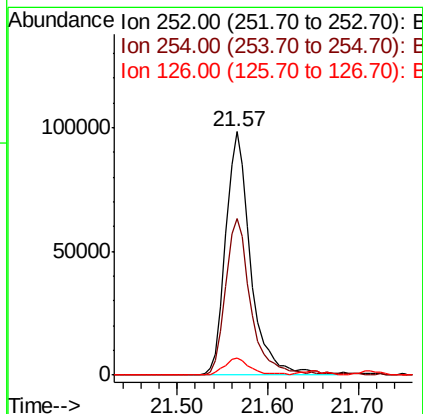
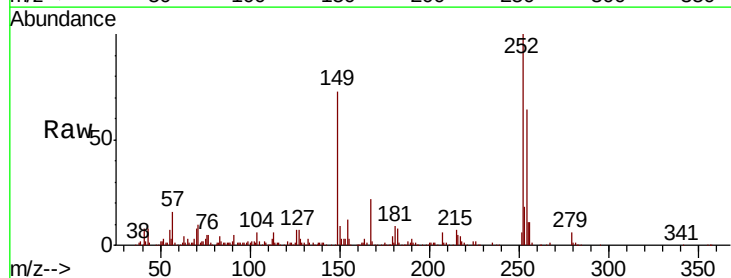
Instrument :
BNA_G
ClientSampleId :
PB123887BSD

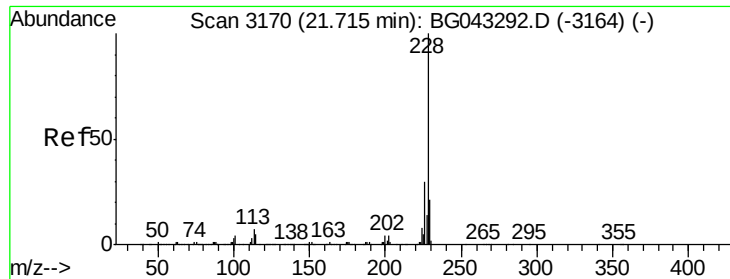
Tot Ion:228 Resp: 738293
Ion Ratio Lower Upper
228 100
226 27.5 22.2 33.4
229 21.1 16.9 25.3



#82
3,3'-Dichlorobenzidine
Concen: 26.423 ng
RT: 21.57 min Scan# 3145
Delta R.T. -0.00 min
Lab File: BG043304.D
Acq: 22 Oct 2019 13:14

Tgt Ion:252 Resp: 188196
Ion Ratio Lower Upper
252 100
254 64.5 52.7 79.1
126 7.1 5.6 8.4





#83

Chrysene

Concen: 39.629 ng

RT: 21.71 min Scan# 3170

Delta R.T. -0.00 min

Lab File: BG043304.D

Acq: 22 Oct 2019 13:14

Instrument :

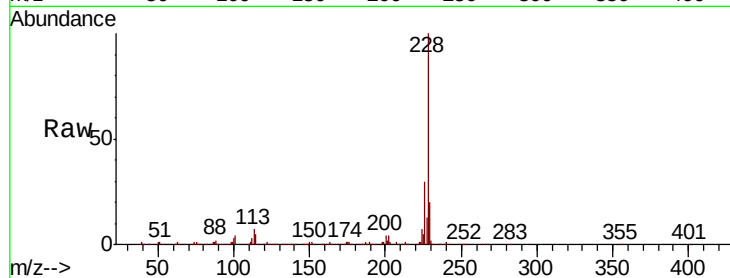
BNA_G

ClientSampleId :

PB123887BSD

Tot Ion:228 Resp: 725064

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.8	35.8
229	20.5	16.3	24.5



Abundance

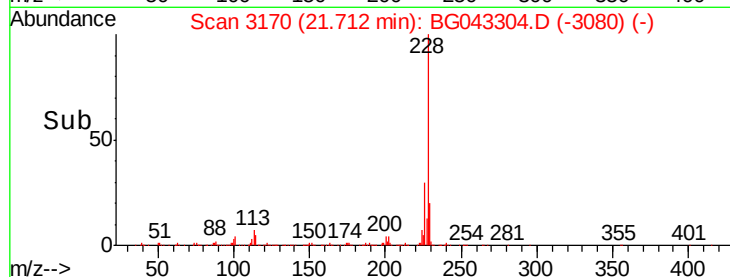
Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

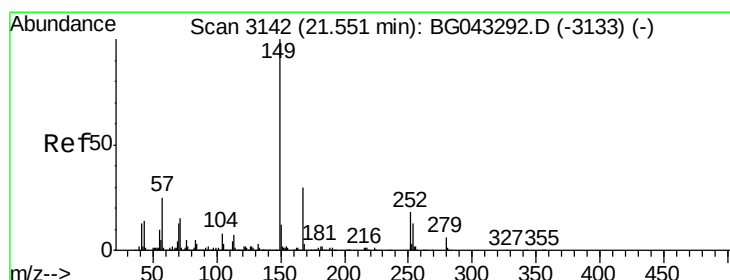
Ion 229.00 (228.70 to 229.70): E

21.71

Time-->



Time-->



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.572 ng

RT: 21.55 min Scan# 3143

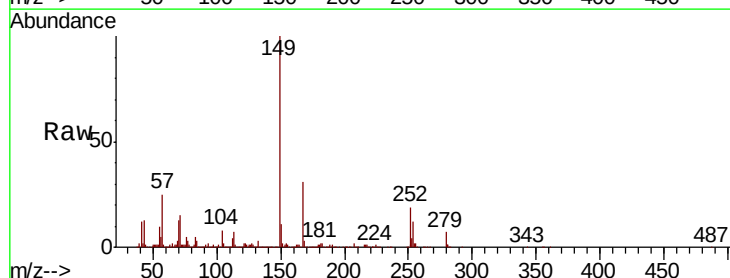
Delta R.T. 0.00 min

Lab File: BG043304.D

Acq: 22 Oct 2019 13:14

Tgt Ion:149 Resp: 387535

Ion	Ratio	Lower	Upper
149	100		
167	31.1	23.9	35.9
279	6.8	4.8	7.2



Abundance

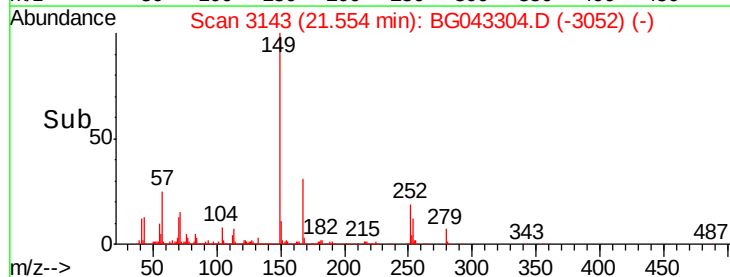
Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

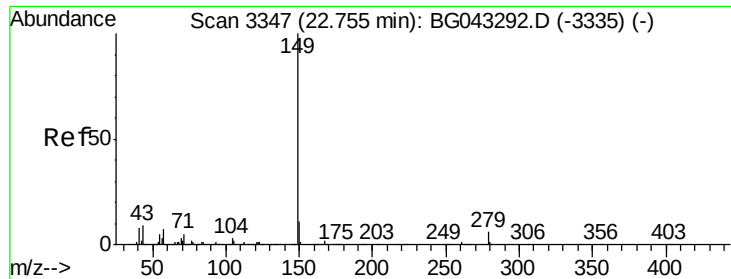
Ion 279.00 (278.70 to 279.70): E

21.55

Time-->



Time-->



#85

Di-n-octyl phthalate

Concen: 40.433 ng

RT: 22.75 min Scan# 3347

Delta R.T. -0.00 min

Lab File: BG043304.D

Acq: 22 Oct 2019 13:14

Instrument :

BNA_G

ClientSampleId :

PB123887BSD

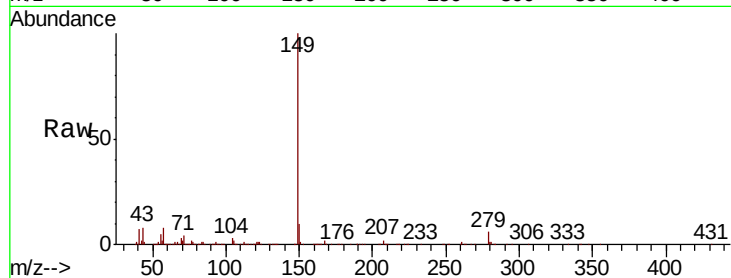
Tot Ion:149 Resp: 671787

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

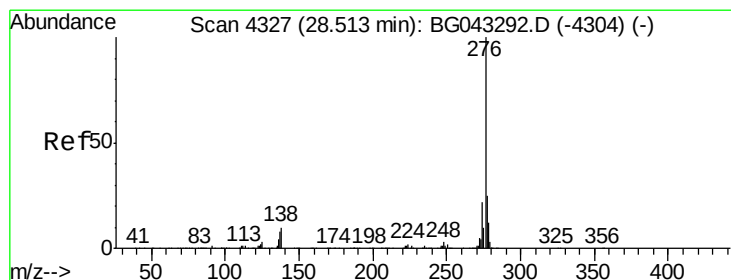
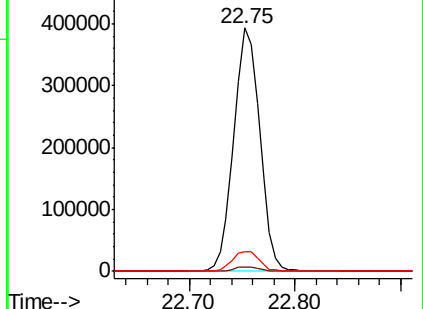
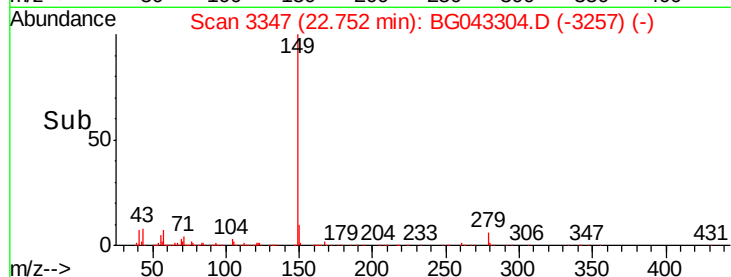
43 8.5 6.9 10.3



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: 40.709 ng

RT: 28.52 min Scan# 4328

Delta R.T. 0.00 min

Lab File: BG043304.D

Acq: 22 Oct 2019 13:14

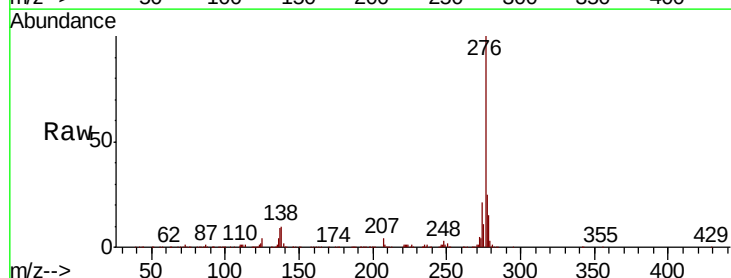
Tgt Ion:276 Resp: 934935

Ion Ratio Lower Upper

276 100

138 5.2 7.2 10.8#

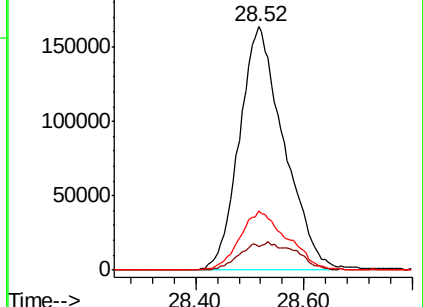
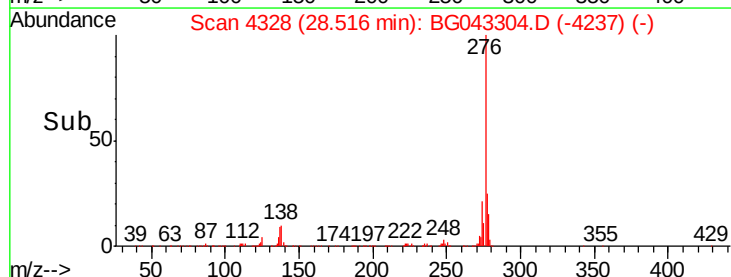
277 25.9 20.9 31.3

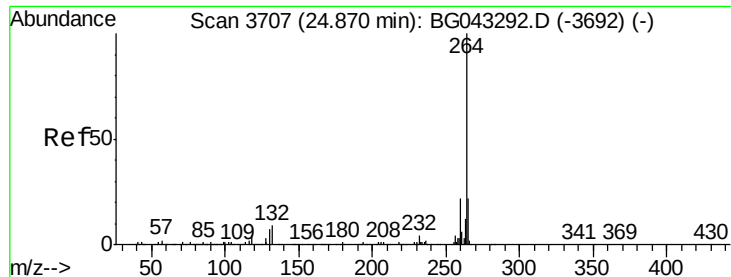


Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.87 min Scan# 3708

Delta R.T. 0.00 min

Lab File: BG043304.D

Acq: 22 Oct 2019 13:14

Instrument :

BNA_G

ClientSampleId :

PB123887BSD

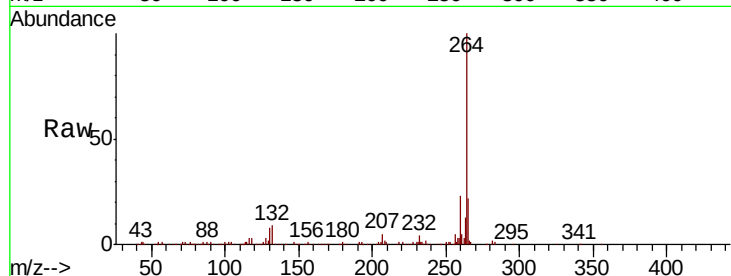
Tot Ion:264 Resp: 340859

Ion Ratio Lower Upper

264 100

260 23.0 17.9 26.9

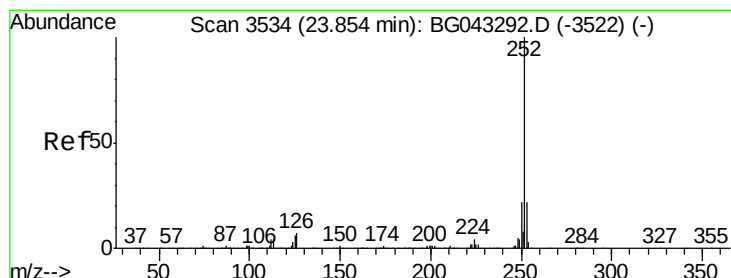
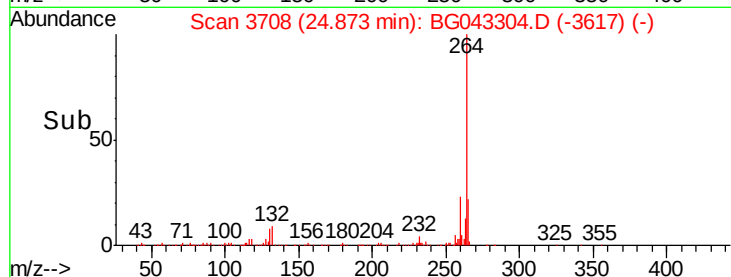
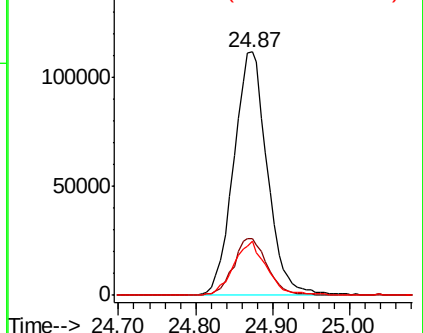
265 22.2 17.4 26.2



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: 40.527 ng

RT: 23.86 min Scan# 3535

Delta R.T. 0.00 min

Lab File: BG043304.D

Acq: 22 Oct 2019 13:14

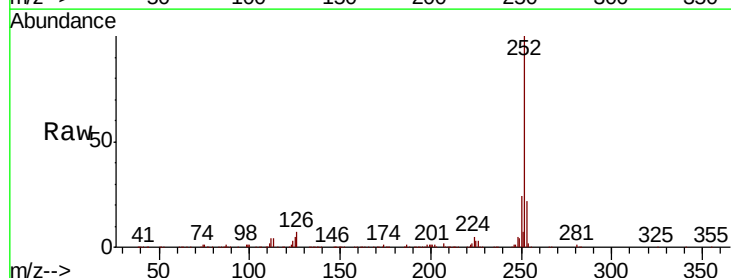
Tgt Ion:252 Resp: 782387

Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.2

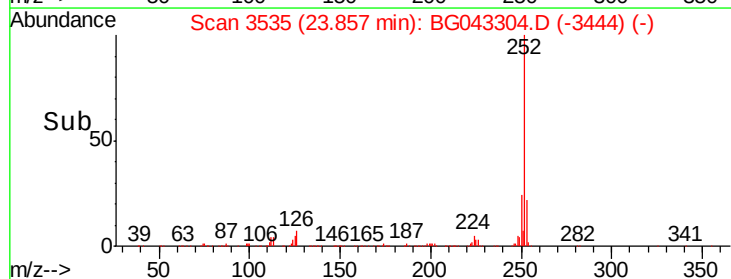
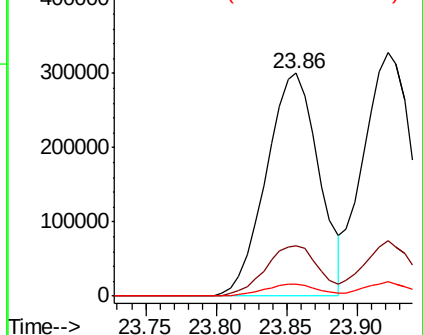
125 5.4 5.0 7.6

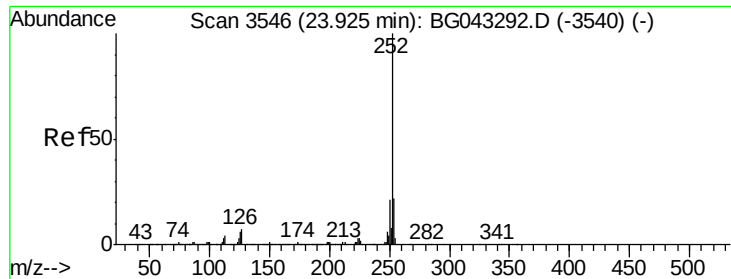


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

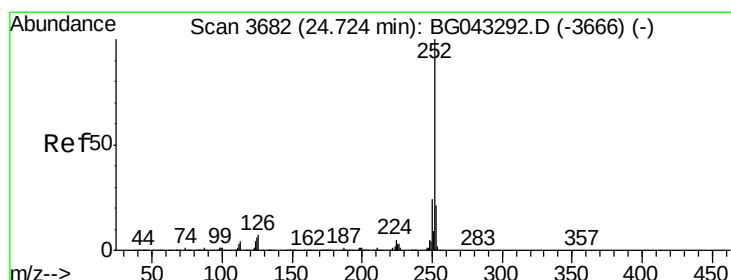
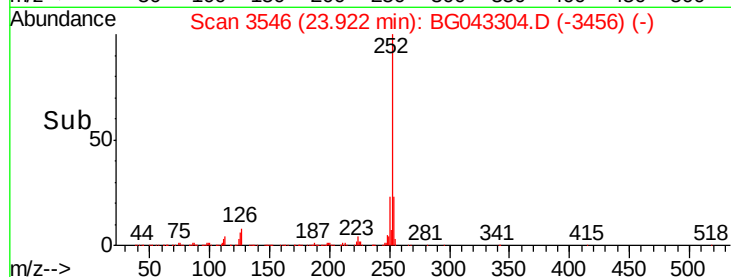
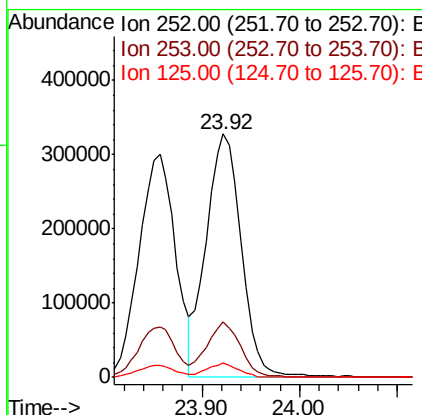
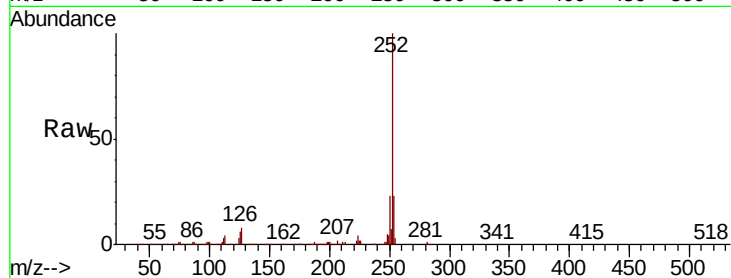




#89
Benzo(k)fluoranthene
Concen: 41.731 ng
RT: 23.92 min Scan# 3546
Delta R.T. -0.00 min
Lab File: BG043304.D
Acq: 22 Oct 2019 13:14

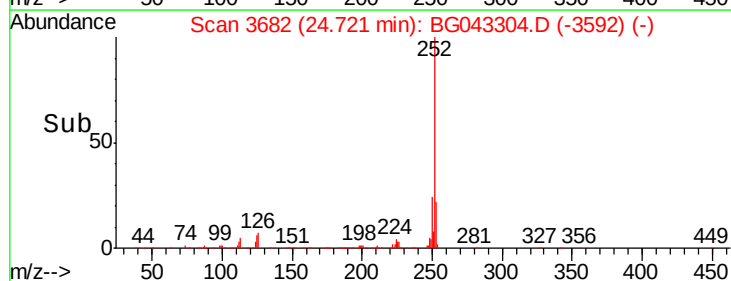
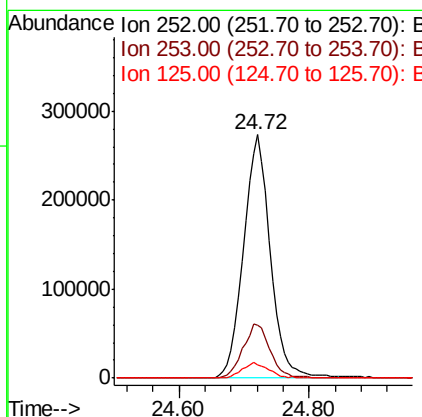
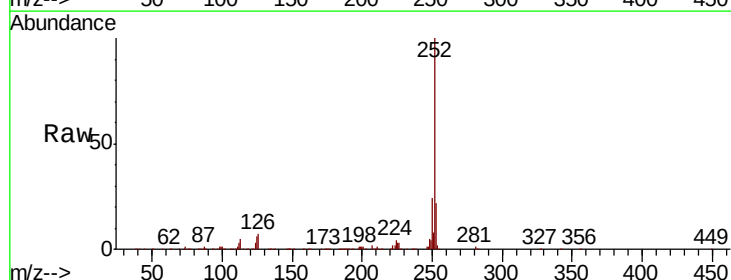
Instrument :
BNA_G
ClientSampleId :
PB123887BSD

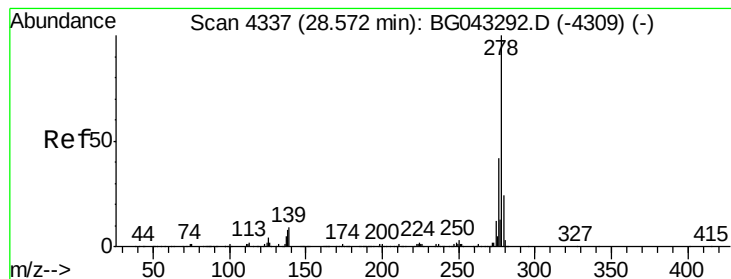
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.6	26.4
125	5.8	4.5	6.7



#90
Benzo(a)pyrene
Concen: 42.172 ng
RT: 24.72 min Scan# 3682
Delta R.T. -0.00 min
Lab File: BG043304.D
Acq: 22 Oct 2019 13:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.2	25.8
125	5.6	5.0	7.6





#91

Dibenzo(a,h)anthracene

Concen: 41.525 ng

RT: 28.58 min Scan# 4339

Delta R.T. 0.01 min

Lab File: BG043304.D

Acq: 22 Oct 2019 13:14

Instrument :

BNA_G

ClientSampleId :

PB123887BSD

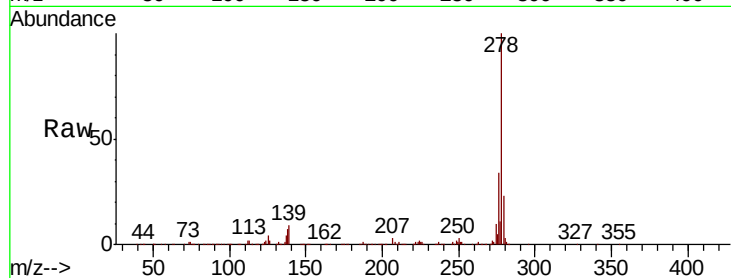
Tot Ion:278 Resp: 783004

Ion Ratio Lower Upper

278 100

139 8.6 6.8 10.2

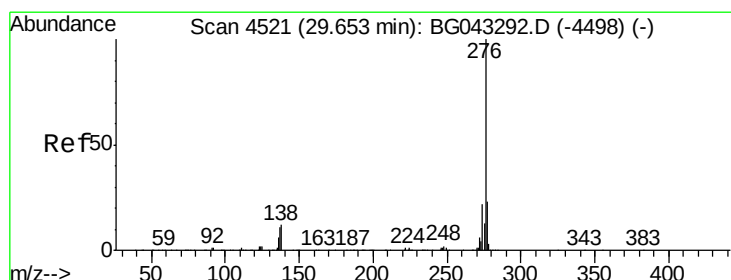
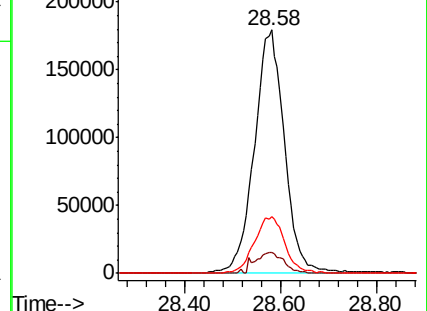
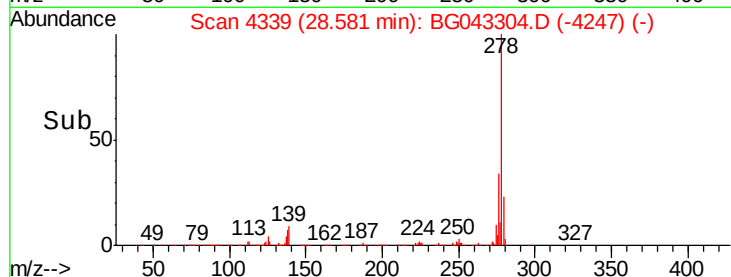
279 23.4 19.0 28.6



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: 42.084 ng

RT: 29.66 min Scan# 4523

Delta R.T. 0.01 min

Lab File: BG043304.D

Acq: 22 Oct 2019 13:14

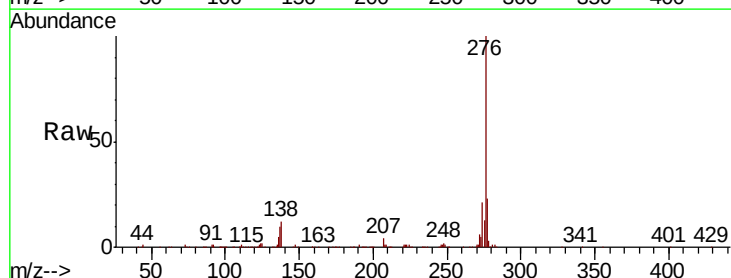
Tgt Ion:276 Resp: 782765

Ion Ratio Lower Upper

276 100

277 22.7 18.3 27.5

138 12.2 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

