

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081919\
 Data File : BG042329.D
 Acq On : 19 Aug 2019 16:40
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 20 04:22:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG081919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 13:40:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	52048	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	217398	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	169145	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	385815	20.00	ng	0.00
76) Chrysene-d12	21.70	240	386545	20.00	ng	0.00
87) Perylene-d12	24.93	264	474725	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	224852	87.53	ng	0.00
7) Phenol-d6	7.17	99	300800	86.22	ng	0.00
23) Nitrobenzene-d5	9.18	82	261293	84.53	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	194492	84.43	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	817672	81.80	ng	0.00
79) Terphenyl-d14	20.03	244	1456104	82.51	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.43	88	47038	42.460	ng	98
3) Pyridine	3.83	79	119461	42.098	ng	97
4) n-Nitrosodimethylamine	3.75	42	41630	42.611	ng	97
6) Aniline	7.32	93	186580	40.522	ng	98
8) 2-Chlorophenol	7.57	128	132904	42.557	ng	98
9) Benzaldehyde	7.13	77	81986	41.777	ng	94
10) Phenol	7.19	94	154064	43.435	ng	99
11) bis(2-Chloroethyl)ether	7.42	93	117567	41.964	ng	95
12) 1,3-Dichlorobenzene	7.89	146	162664	40.926	ng	99
13) 1,4-Dichlorobenzene	8.04	146	162870	40.684	ng	98
14) 1,2-Dichlorobenzene	8.36	146	156513	40.967	ng	99
15) Benzyl Alcohol	8.25	79	100487	41.879	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.54	45	153438	39.716	ng	99
17) 2-Methylphenol	8.45	107	109034	41.573	ng	99
18) Hexachloroethane	9.10	117	55708	40.490	ng	98
19) n-Nitroso-di-n-propylamine	8.82	70	92981	41.435	ng	98
20) 3+4-Methylphenols	8.78	107	153507	42.307	ng	98
22) Acetophenone	8.83	105	192510	41.676	ng	# 98
24) Nitrobenzene	9.22	77	132860	42.184	ng	99
25) Isophorone	9.74	82	264085	42.726	ng	100
26) 2-Nitrophenol	9.93	139	85220	43.526	ng	98
27) 2,4-Dimethylphenol	9.99	122	114337	42.094	ng	100
28) bis(2-Chloroethoxy)methane	10.23	93	164684	41.364	ng	100
29) 2,4-Dichlorophenol	10.47	162	155135	42.955	ng	98
30) 1,2,4-Trichlorobenzene	10.69	180	179733	40.713	ng	98
31) Naphthalene	10.88	128	425770	42.262	ng	99
32) Benzoic acid	10.14	122	86857	44.641	ng	99
33) 4-Chloroaniline	10.99	127	193070	42.026	ng	98
34) Hexachlorobutadiene	11.17	225	118417	40.027	ng	99
35) Caprolactam	11.75	113	51925	45.110	ng	93
36) 4-Chloro-3-methylphenol	12.11	107	149679	44.339	ng	99
37) 2-Methylnaphthalene	12.49	142	349440	43.269	ng	99
38) 1-Methylnaphthalene	12.71	142	333355	43.334	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	216358	39.684	ng	99

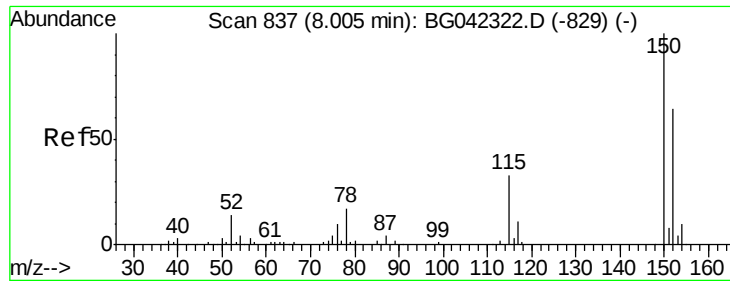
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081919\
 Data File : BG042329.D
 Acq On : 19 Aug 2019 16:40
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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Quant Time: Aug 20 04:22:01 2019
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 13:40:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	103341	36.594	ng	99
43) 2,4,6-Trichlorophenol	13.09	196	145279	39.813	ng	97
44) 2,4,5-Trichlorophenol	13.17	196	156959	41.762	ng	99
46) 1,1'-Biphenyl	13.49	154	445360	40.358	ng	100
47) 2-Chloronaphthalene	13.54	162	379356	40.324	ng	99
48) 2-Nitroaniline	13.73	65	93255	41.942	ng	95
49) Acenaphthylene	14.39	152	599393	42.381	ng	99
50) Dimethylphthalate	14.12	163	502018	41.769	ng	99
51) 2,6-Dinitrotoluene	14.23	165	118212	42.024	ng	97
52) Acenaphthene	14.73	154	347847	40.318	ng	98
53) 3-Nitroaniline	14.56	138	114743	41.485	ng	99
54) 2,4-Dinitrophenol	14.77	184	57935	35.783	ng	98
55) Dibenzofuran	15.06	168	593547	42.236	ng	98
56) 4-Nitrophenol	14.88	139	89516	44.861	ng	99
57) 2,4-Dinitrotoluene	15.03	165	169047	42.983	ng	96
58) Fluorene	15.71	166	485407	42.460	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.29	232	151125	41.402	ng	97
60) Diethylphthalate	15.48	149	486492	41.838	ng	99
61) 4-Chlorophenyl-phenylether	15.70	204	284487	41.440	ng	99
62) 4-Nitroaniline	15.73	138	126434	43.257	ng	98
63) Azobenzene	16.00	77	339224	41.862	ng	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	91903	39.040	ng	97
66) n-Nitrosodiphenylamine	15.92	169	442000	40.942	ng	99
67) 4-Bromophenyl-phenylether	16.60	248	199744	40.682	ng	97
68) Hexachlorobenzene	16.73	284	216925	41.246	ng	98
69) Atrazine	16.87	200	158192	42.749	ng	98
70) Pentachlorophenol	17.07	266	117403	41.935	ng	97
71) Phenanthrene	17.46	178	809096	42.107	ng	99
72) Anthracene	17.55	178	807177	42.119	ng	100
73) Carbazole	17.82	167	728668	42.804	ng	100
74) Di-n-butylphthalate	18.38	149	844882	42.547	ng	99
75) Fluoranthene	19.47	202	999899	43.153	ng	99
77) Benzidine	19.65	184	387947	37.853	ng	99
78) Pyrene	19.83	202	1002824	42.162	ng	99
80) Butylbenzylphthalate	20.71	149	391134	41.492	ng	98
81) Benzo(a)anthracene	21.67	228	997605	42.025	ng	98
82) 3,3'-Dichlorobenzidine	21.58	252	378637	40.074	ng	99
83) Chrysene	21.74	228	969138	42.678	ng	98
84) Bis(2-ethylhexyl)phthalate	21.58	149	541785	41.220	ng	99
85) Di-n-octyl phthalate	22.80	149	922298	41.138	ng	100
86) Indeno(1,2,3-cd)pyrene	28.65	276	1276631	42.105	ng	# 93
88) Benzo(b)fluoranthene	23.91	252	1070880	41.040	ng	100
89) Benzo(k)fluoranthene	23.98	252	1039936	40.772	ng	99
90) Benzo(a)pyrene	24.79	252	1039486	41.575	ng	98
91) Dibenzo(a,h)anthracene	28.71	278	1028331	41.227	ng	99
92) Benzo(g,h,i)perylene	29.80	276	1039522	41.821	ng	98

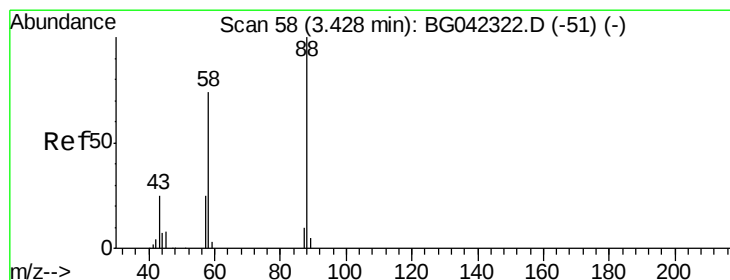
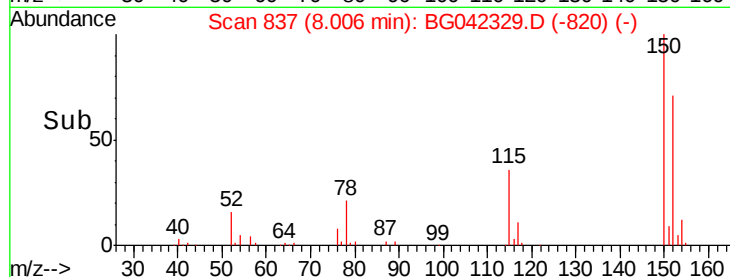
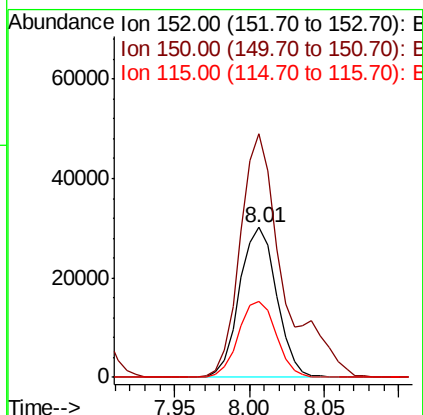
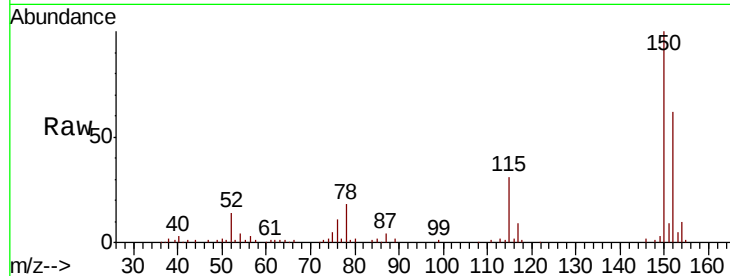
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.01 min Scan# 837
 Delta R.T. 0.00 min
 Lab File: BG042329.D
 Acq: 19 Aug 2019 16:40

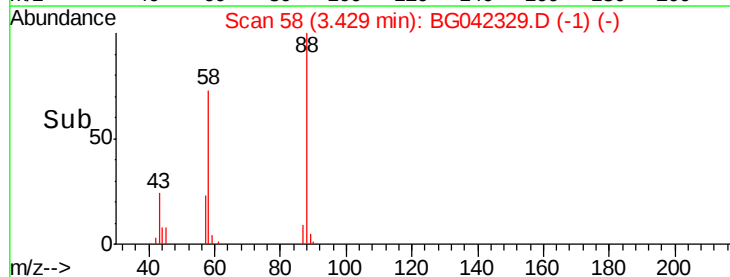
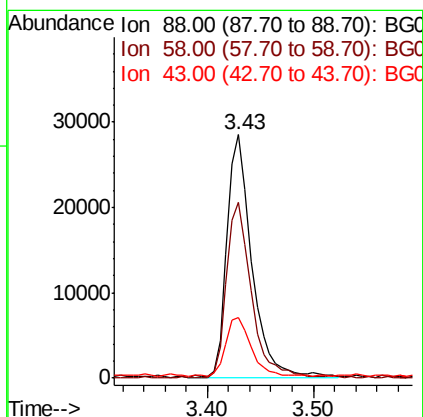
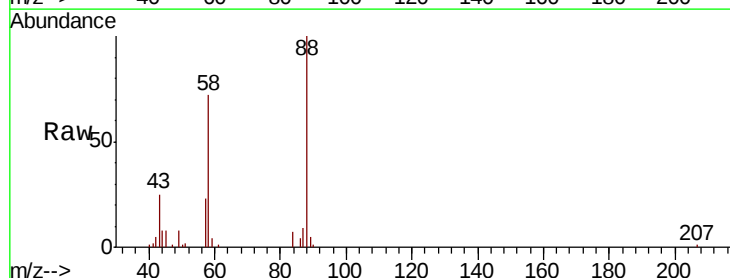
Instrument :
 BNA_G
 ClientSampleId :

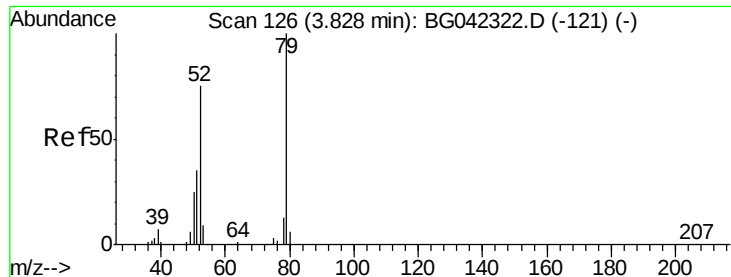
Tot Ion:152 Resp: 52048
 Ion Ratio Lower Upper
 152 100
 150 162.6 124.3 186.5
 115 50.5 40.5 60.7



#2
 1,4-Dioxane
 Concen: 42.460 ng
 RT: 3.43 min Scan# 58
 Delta R.T. 0.00 min
 Lab File: BG042329.D
 Acq: 19 Aug 2019 16:40

Tgt Ion: 88 Resp: 47038
 Ion Ratio Lower Upper
 88 100
 58 71.1 58.6 88.0
 43 23.3 19.4 29.0





#3

Pvridine

Concen: 42.098 ng

RT: 3.83 min Scan# 126

Delta R.T. 0.00 min

Lab File: BG042329.D

Acq: 19 Aug 2019 16:40

Instrument :

BNA_G

ClientSampleId :

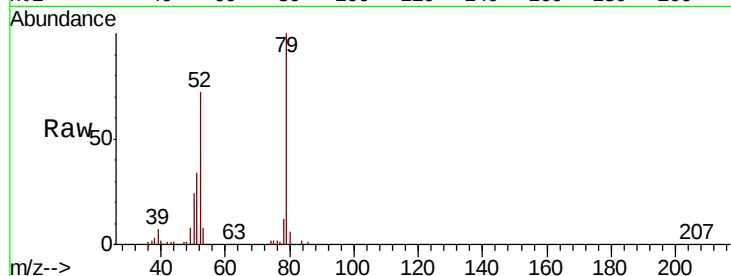
Tot Ion: 79 Resp: 119461

Ion Ratio Lower Upper

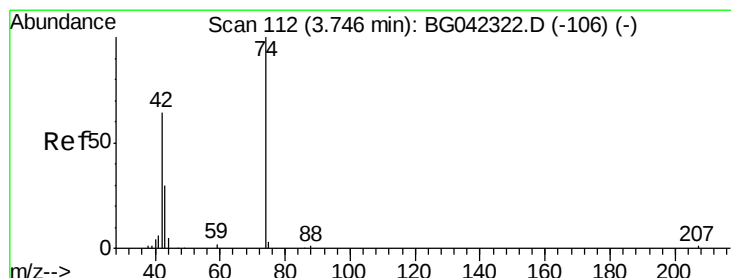
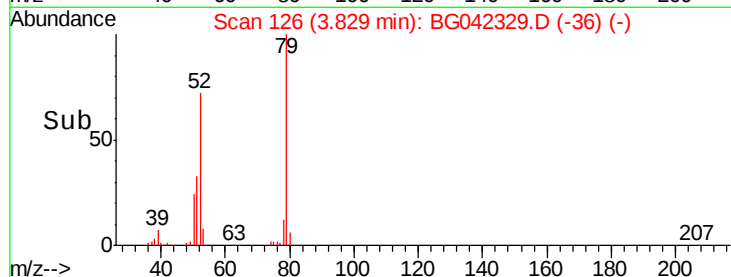
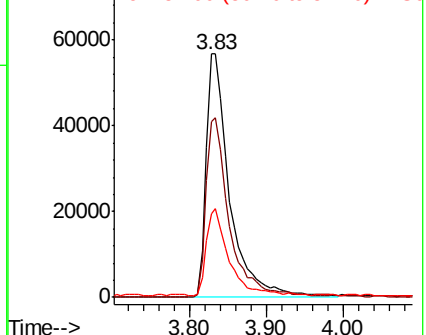
79 100

52 72.1 60.0 90.0

51 34.3 28.6 42.8



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



#4

n-Nitrosodimethylamine

Concen: 42.611 ng

RT: 3.75 min Scan# 112

Delta R.T. 0.00 min

Lab File: BG042329.D

Acq: 19 Aug 2019 16:40

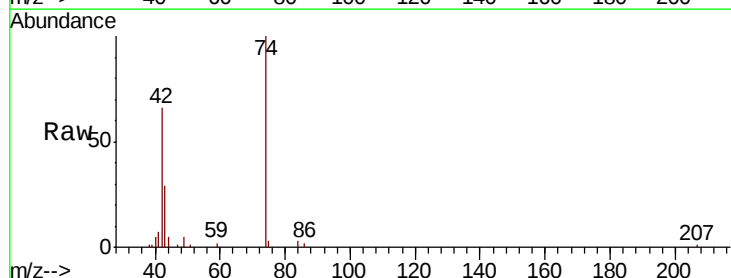
Tgt Ion: 42 Resp: 41630

Ion Ratio Lower Upper

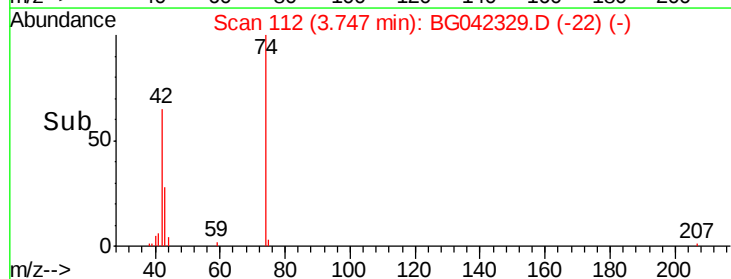
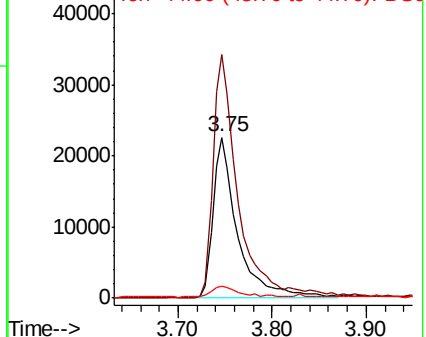
42 100

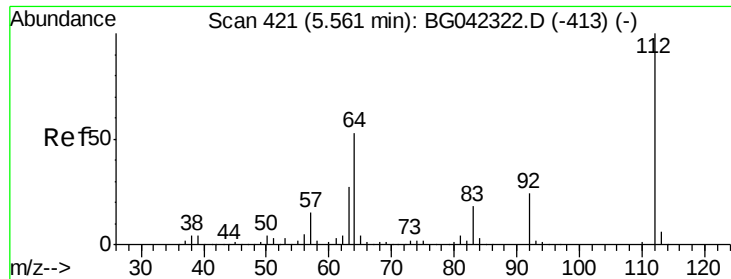
74 151.6 124.2 186.2

44 7.2 6.5 9.7



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





#5

2-Fluorophenol

Concen: 87.529 ng

RT: 5.56 min Scan# 420

Delta R.T. -0.01 min

Lab File: BG042329.D

Acq: 19 Aug 2019 16:40

Instrument :

BNA_G

ClientSampleId :

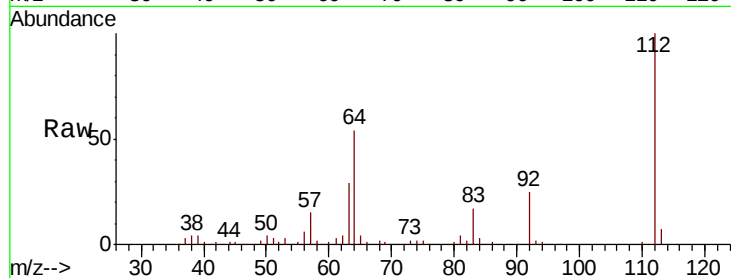
Tot Ion: 112 Resp: 224852

Ion Ratio Lower Upper

112 100

64 54.4 42.5 63.7

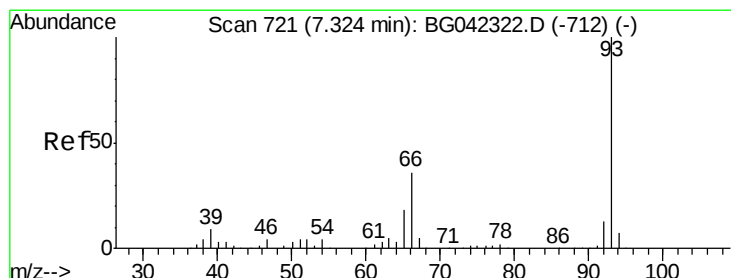
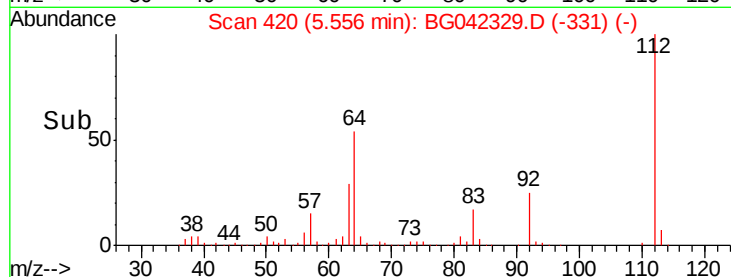
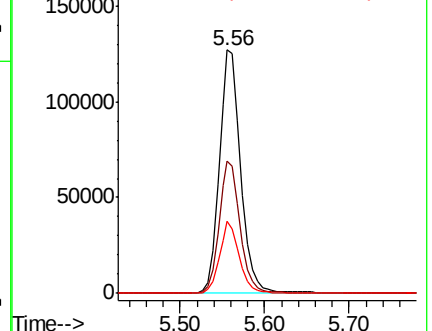
63 29.4 21.7 32.5



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: 40.522 ng

RT: 7.32 min Scan# 721

Delta R.T. 0.00 min

Lab File: BG042329.D

Acq: 19 Aug 2019 16:40

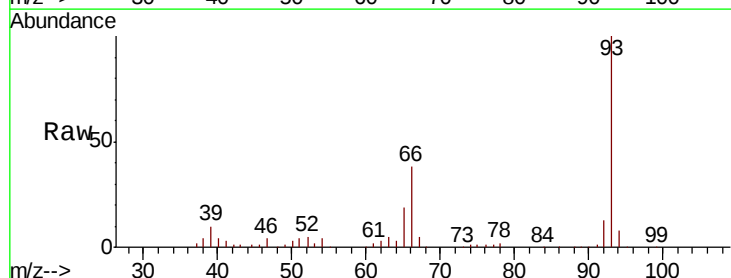
Tgt Ion: 93 Resp: 186580

Ion Ratio Lower Upper

93 100

66 37.6 29.1 43.7

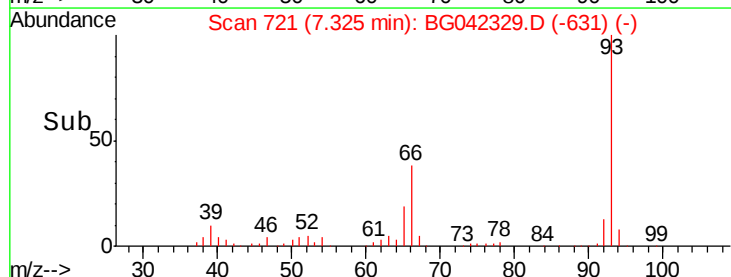
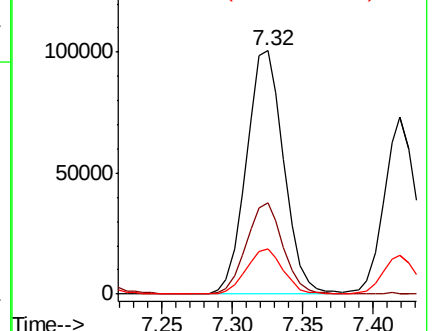
65 18.7 14.7 22.1

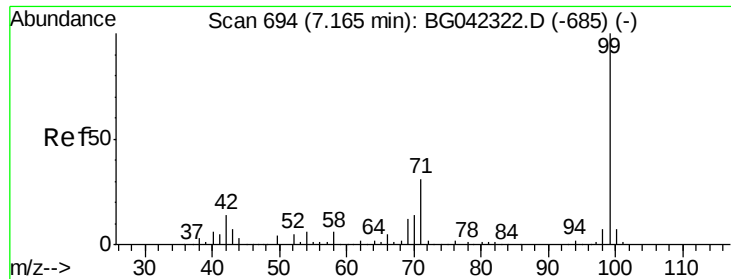


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 86.217 ng

RT: 7.17 min Scan# 694

Delta R.T. 0.00 min

Lab File: BG042329.D

Acq: 19 Aug 2019 16:40

Instrument :

BNA_G

ClientSampleId :

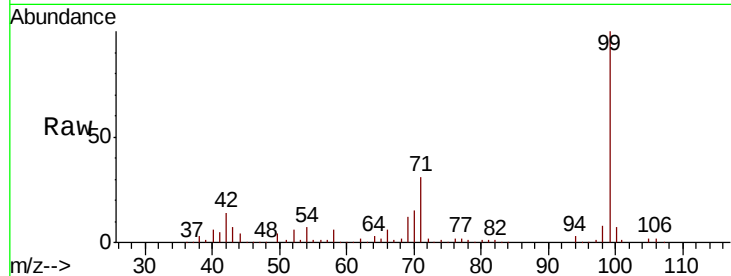
Tot Ion: 99 Resp: 300800

Ion Ratio Lower Upper

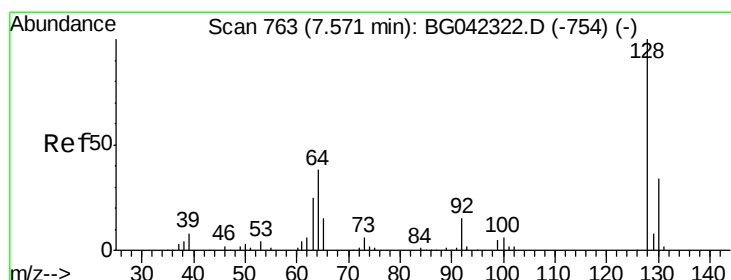
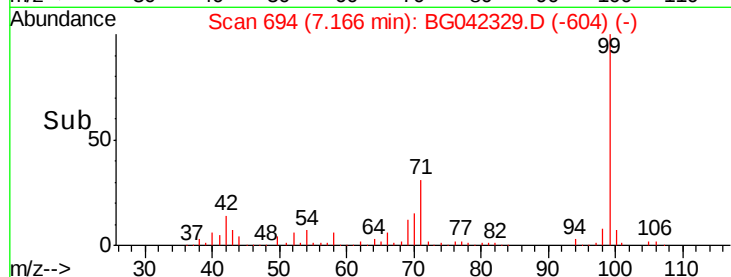
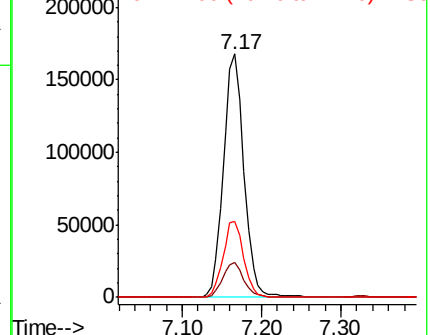
99 100

42 14.4 11.4 17.0

71 31.4 25.1 37.7



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 42.557 ng

RT: 7.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BG042329.D

Acq: 19 Aug 2019 16:40

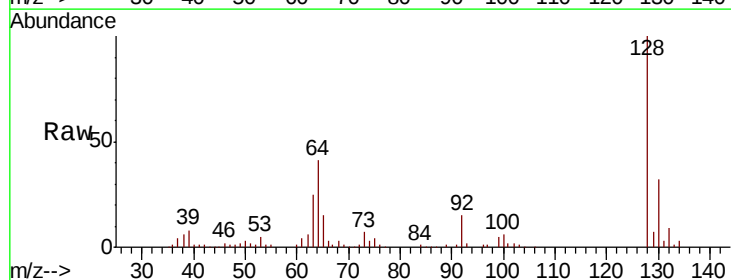
Tgt Ion: 128 Resp: 132904

Ion Ratio Lower Upper

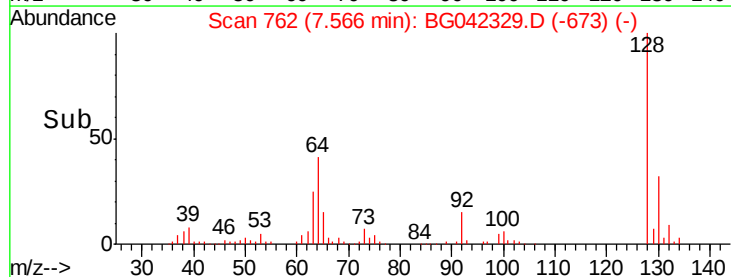
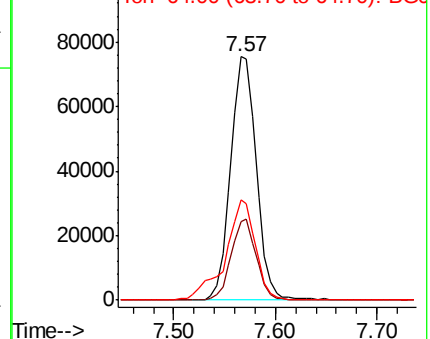
128 100

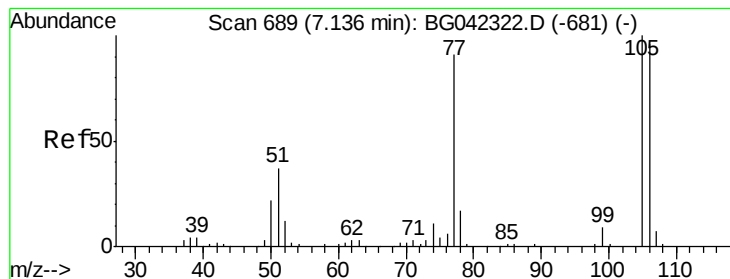
130 32.4 13.5 53.5

64 41.4 19.8 59.8



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





#9

Benzaldehyde

Concen: 41.777 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.00 min

Lab File: BG042329.D

Acq: 19 Aug 2019 16:40

Instrument :

BNA_G

ClientSampleId :

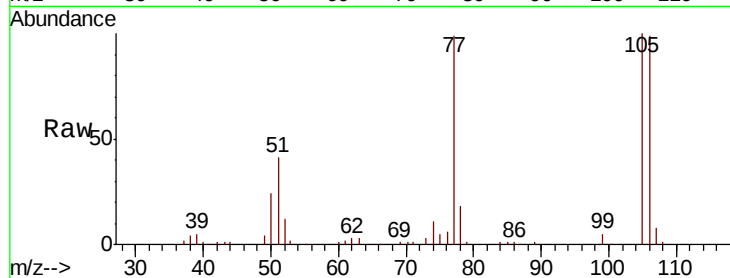
Tot Ion: 77 Resp: 81986

Ion Ratio Lower Upper

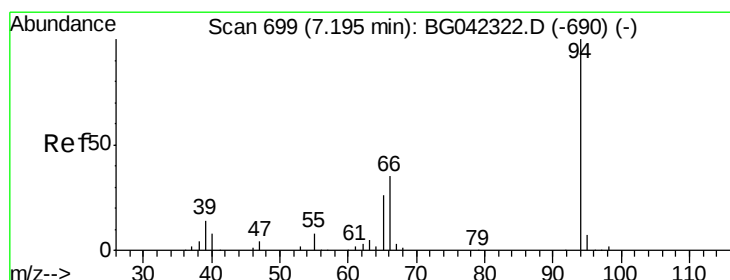
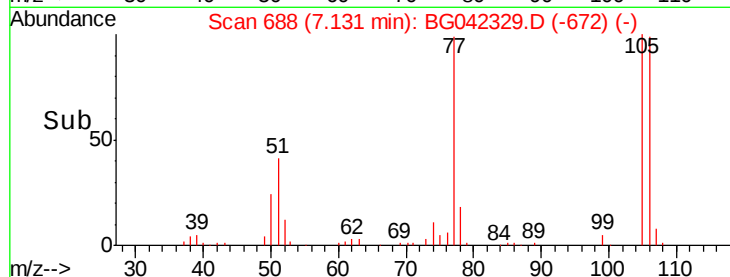
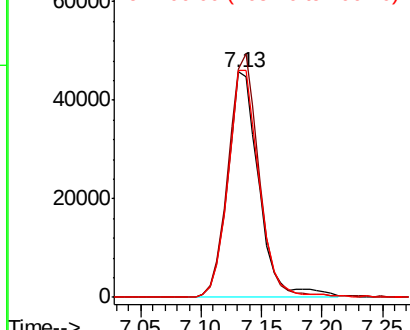
77 100

105 101.2 89.8 129.8

106 100.5 85.1 125.1



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: 43.435 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG042329.D

Acq: 19 Aug 2019 16:40

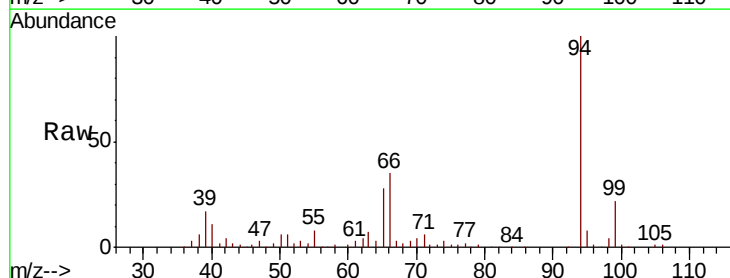
Tgt Ion: 94 Resp: 154064

Ion Ratio Lower Upper

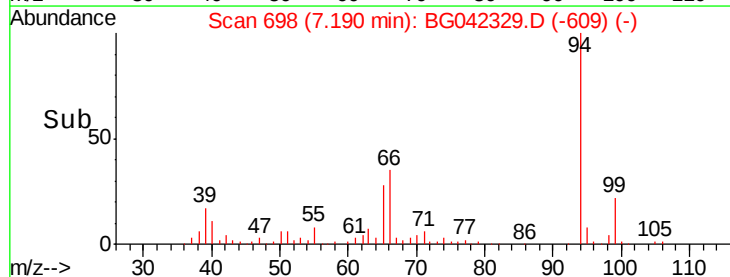
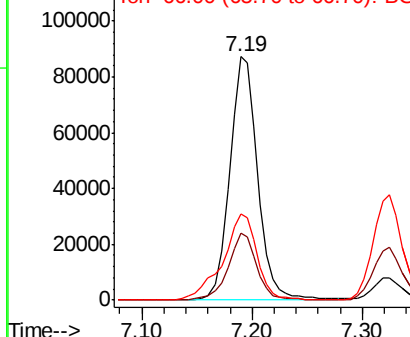
94 100

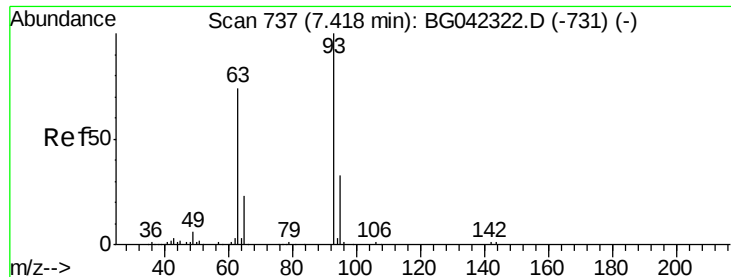
65 27.5 6.1 46.1

66 35.4 15.7 55.7



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



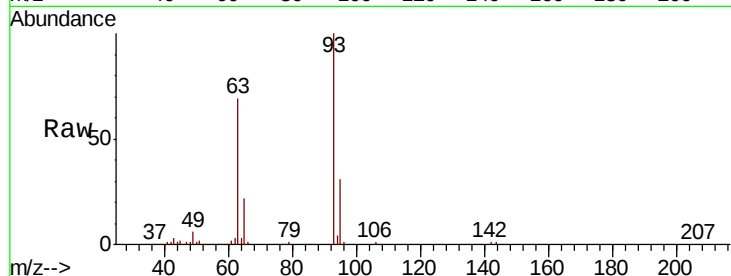


#11
 bis(2-Chloroethyl)ether
 Concen: 41.964 ng
 RT: 7.42 min Scan# 737
 Delta R.T. 0.00 min
 Lab File: BG042329.D
 Acq: 19 Aug 2019 16:40

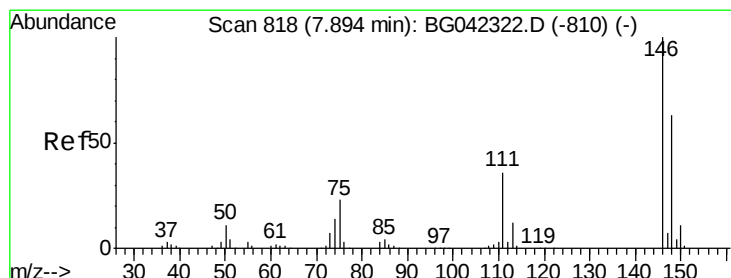
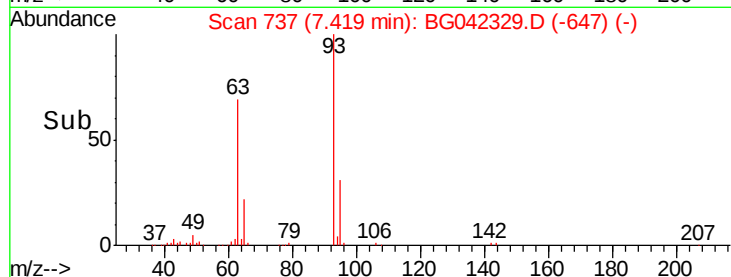
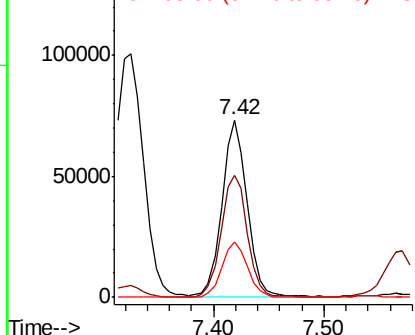
Instrument :
 BNA_G
 ClientSampled :

Tot Ion: 93 Resp: 117567

Ion	Ratio	Lower	Upper
93	100		
63	68.6	53.0	93.0
95	31.3	13.0	53.0



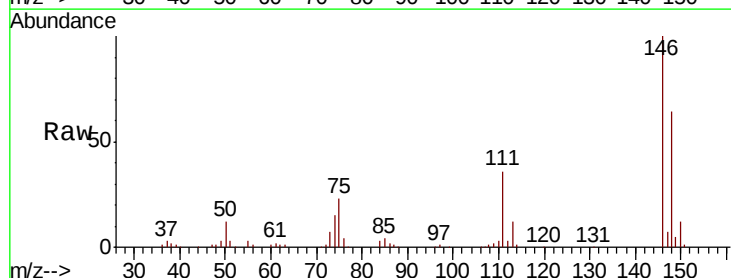
Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC



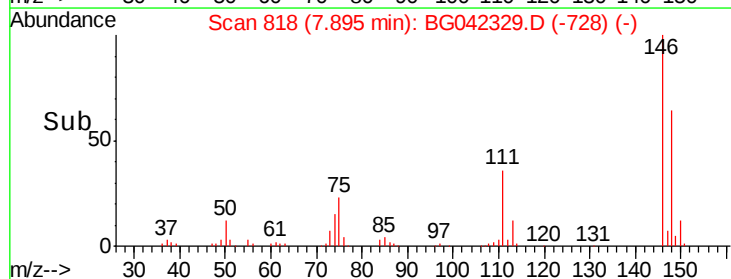
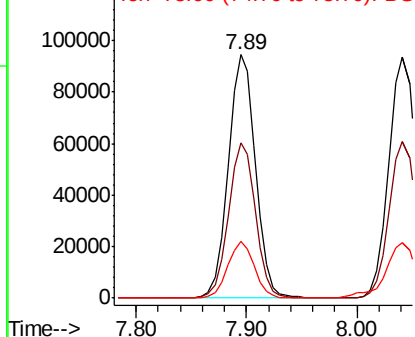
#12
 1,3-Dichlorobenzene
 Concen: 40.926 ng
 RT: 7.89 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BG042329.D
 Acq: 19 Aug 2019 16:40

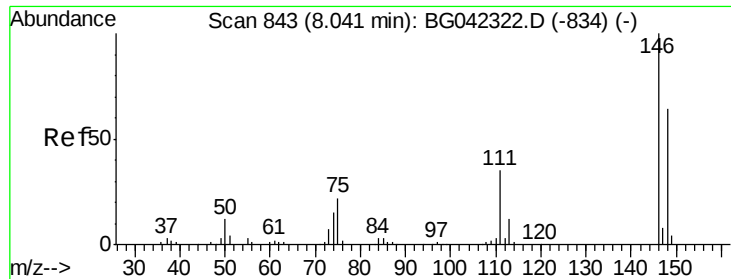
Tgt Ion: 146 Resp: 162664

Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.2	75.2
75	23.1	18.2	27.4



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

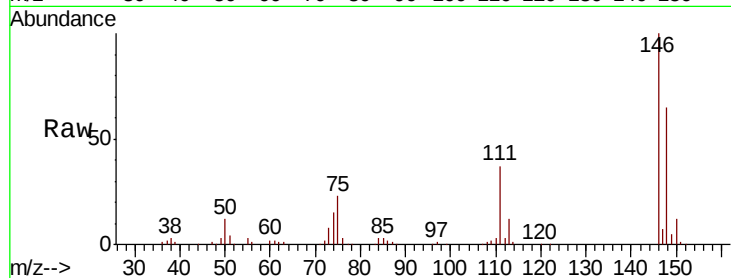




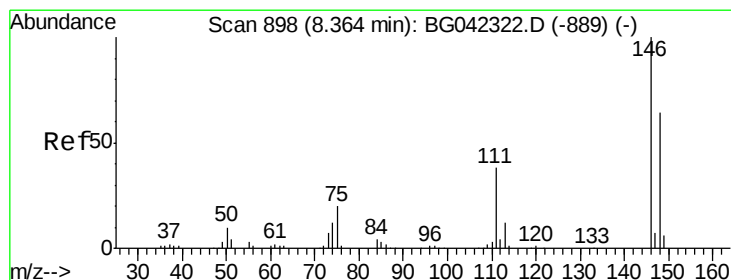
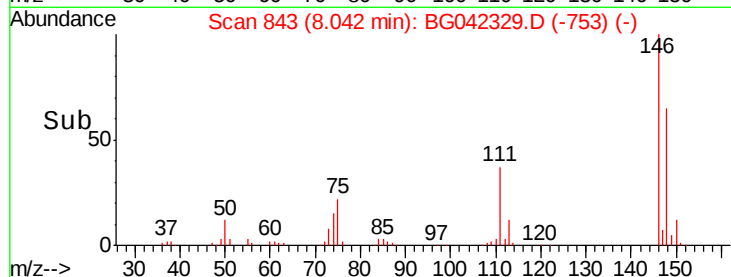
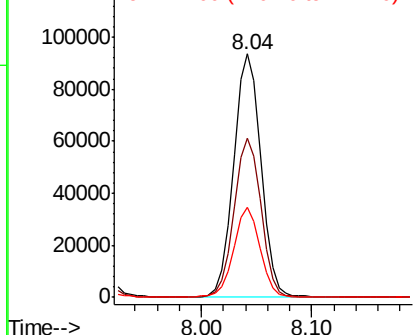
#13
 1,4-Dichlorobenzene
 Concen: 40.684 ng
 RT: 8.04 min Scan# 843
 Delta R.T. 0.00 min
 Lab File: BG042329.D
 Acq: 19 Aug 2019 16:40

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 162870
 Ion Ratio Lower Upper
 146 100
 148 65.2 50.9 76.3
 111 37.1 28.3 42.5

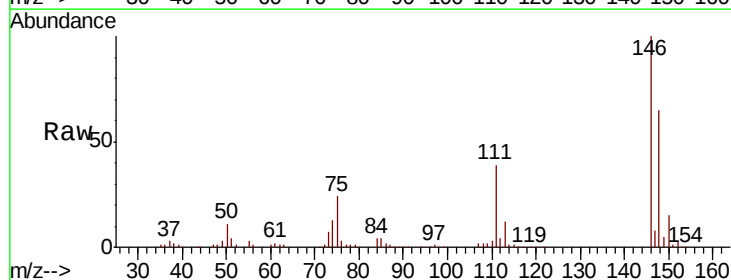


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

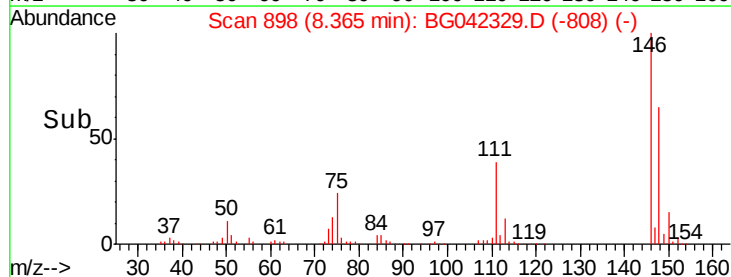
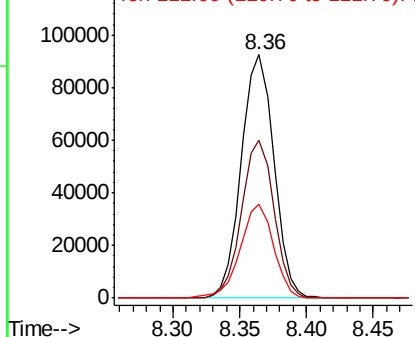


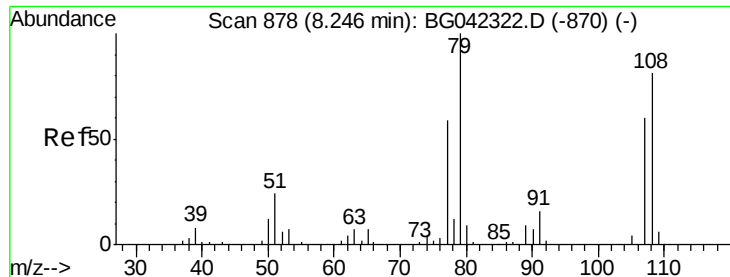
#14
 1,2-Dichlorobenzene
 Concen: 40.967 ng
 RT: 8.36 min Scan# 898
 Delta R.T. 0.00 min
 Lab File: BG042329.D
 Acq: 19 Aug 2019 16:40

Tgt Ion:146 Resp: 156513
 Ion Ratio Lower Upper
 146 100
 148 64.6 51.0 76.4
 111 38.6 30.6 46.0



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





#15

Benzyl Alcohol

Concen: 41.879 ng

RT: 8.25 min Scan# 878

Delta R.T. 0.00 min

Lab File: BG042329.D

Acq: 19 Aug 2019 16:40

Instrument :

BNA_G

ClientSampleId :

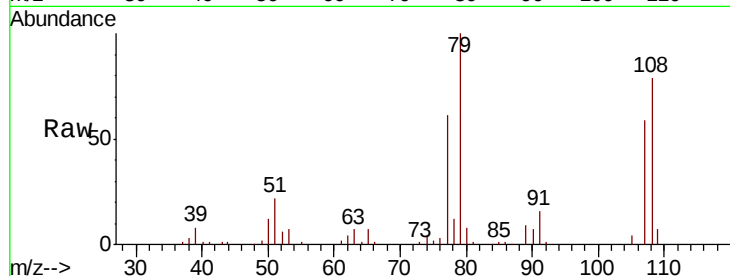
Tot Ion: 79 Resp: 100487

Ion Ratio Lower Upper

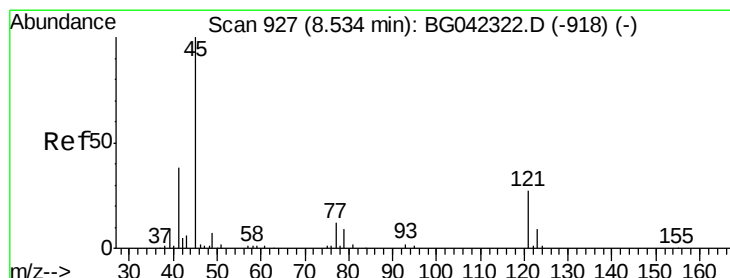
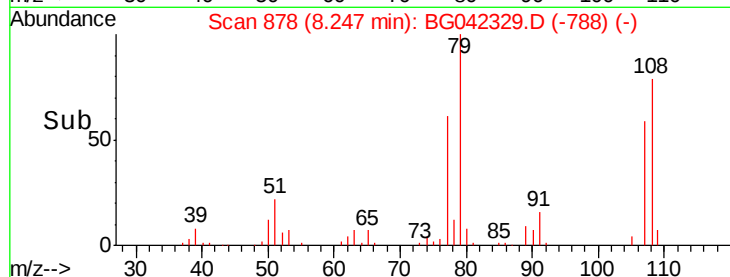
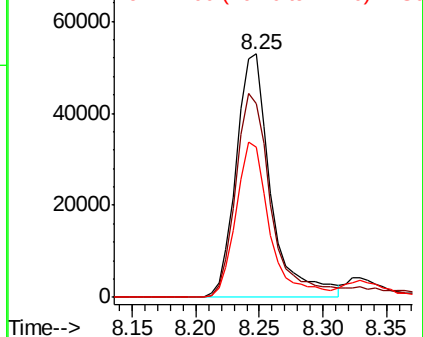
79 100

108 79.5 64.8 97.2

77 61.4 47.6 71.4



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.716 ng

RT: 8.54 min Scan# 927

Delta R.T. 0.00 min

Lab File: BG042329.D

Acq: 19 Aug 2019 16:40

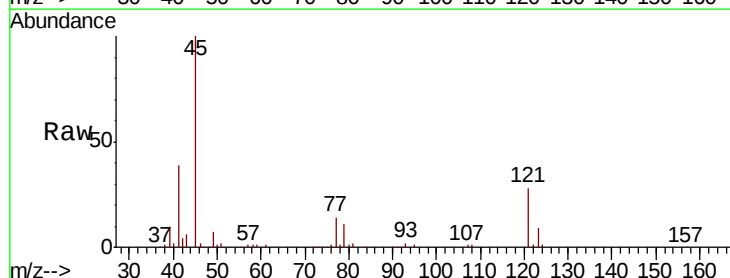
Tgt Ion: 45 Resp: 153438

Ion Ratio Lower Upper

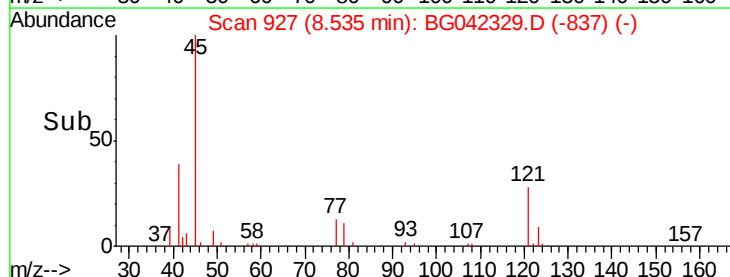
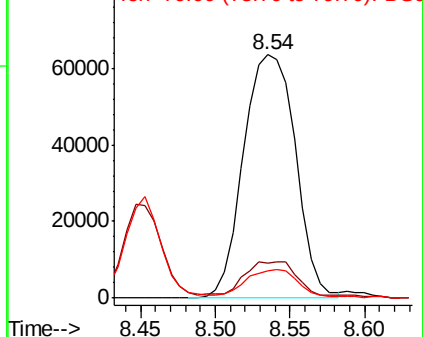
45 100

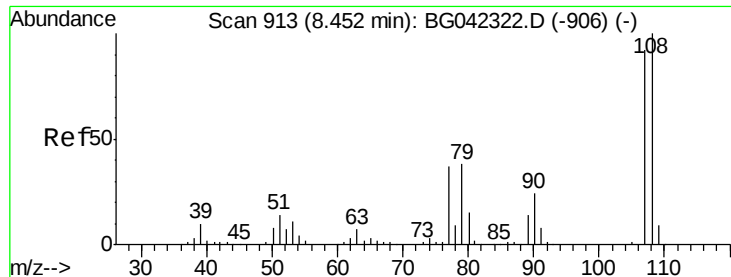
77 14.2 0.0 34.6

79 11.3 0.0 31.4



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





#17

2-Methylphenol

Concen: 41.573 ng

RT: 8.45 min Scan# 913

Delta R.T. 0.00 min

Lab File: BG042329.D

Acq: 19 Aug 2019 16:40

Instrument :

BNA_G

ClientSampled :

Tot Ion:107 Resp: 109034

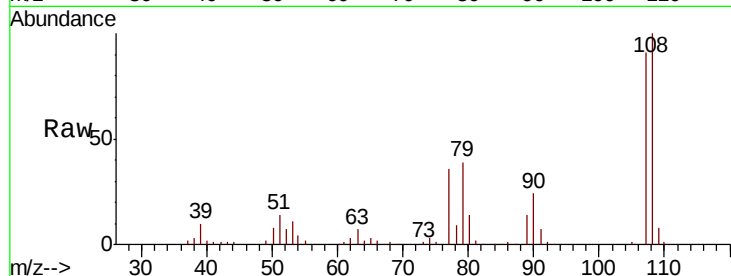
Ion Ratio Lower Upper

107 100

108 109.5 87.0 130.6

77 39.3 32.3 48.5

79 42.8 33.5 50.3

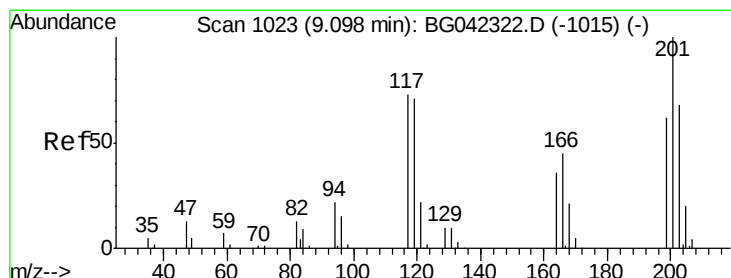
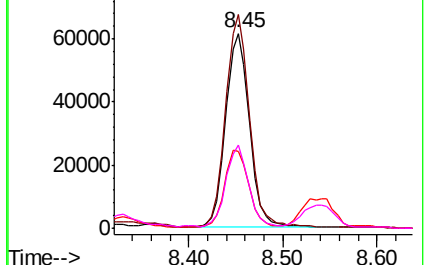
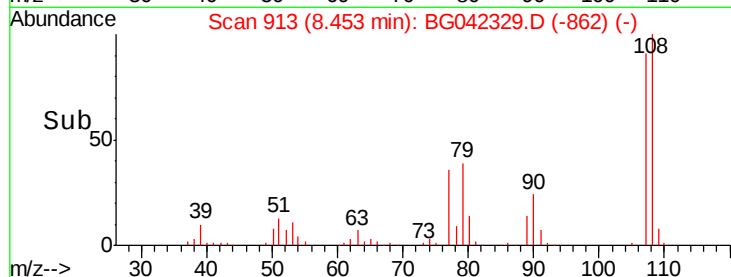


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.490 ng

RT: 9.10 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BG042329.D

Acq: 19 Aug 2019 16:40

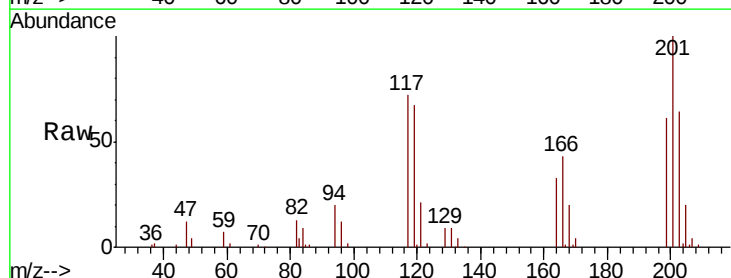
Tgt Ion:117 Resp: 55708

Ion Ratio Lower Upper

117 100

119 93.7 77.6 116.4

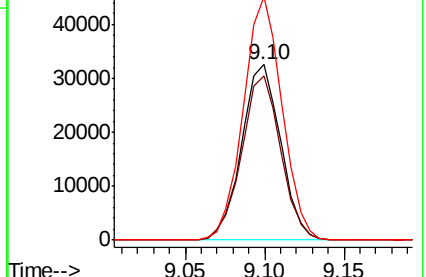
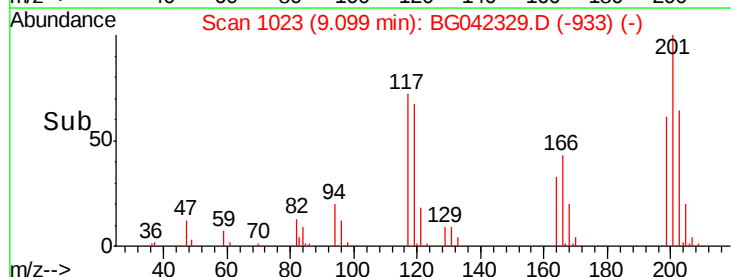
201 138.9 109.4 164.2

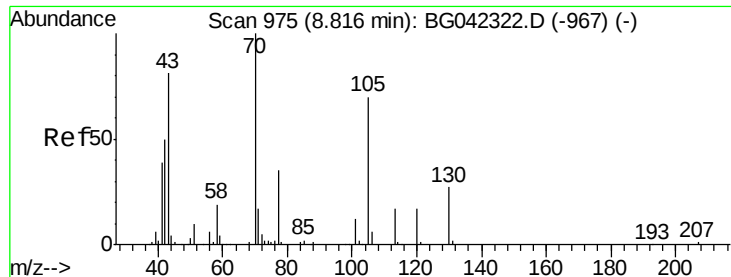


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

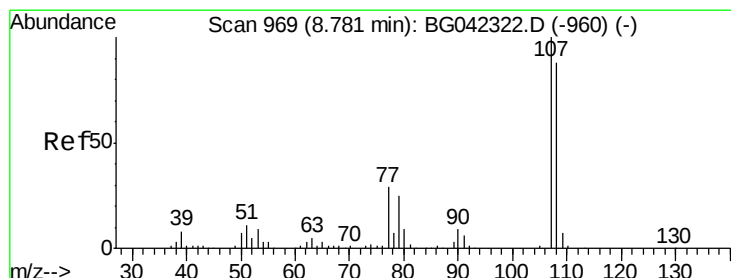
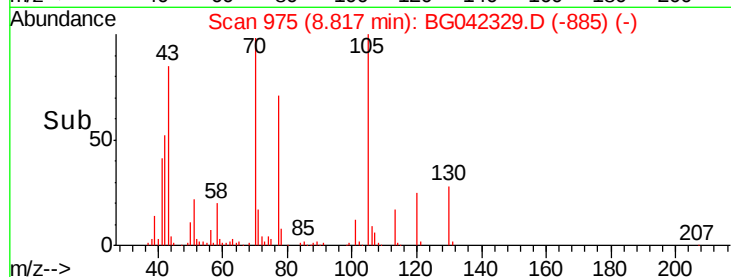
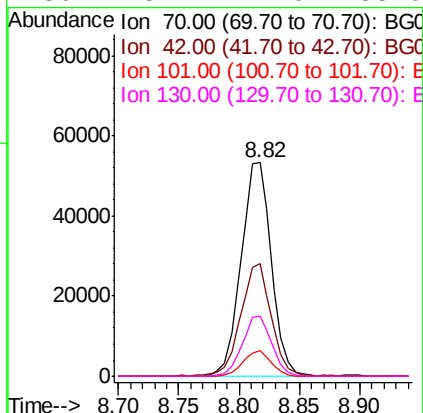
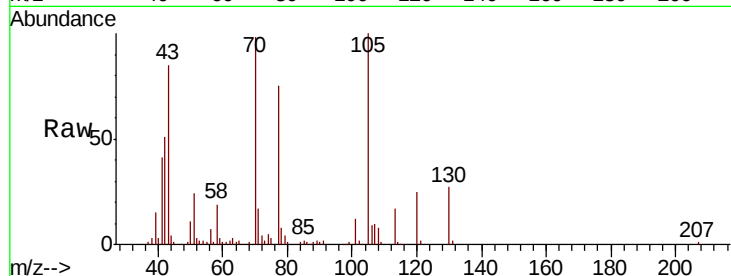




#19
n-Nitroso-di-n-propylamine
Concen: 41.435 ng
RT: 8.82 min Scan# 975
Delta R.T. 0.00 min
Lab File: BG042329.D
Acq: 19 Aug 2019 16:40

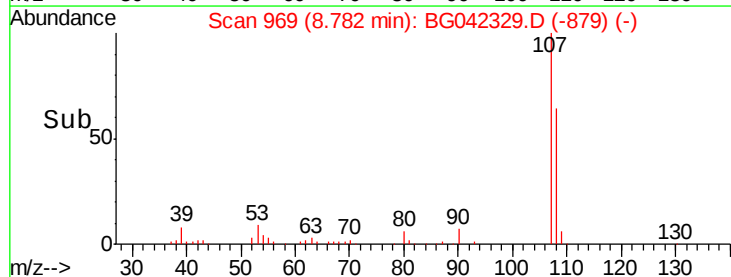
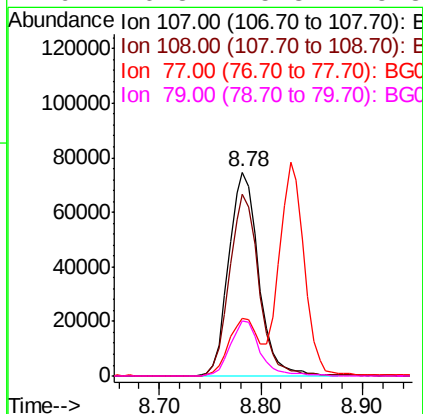
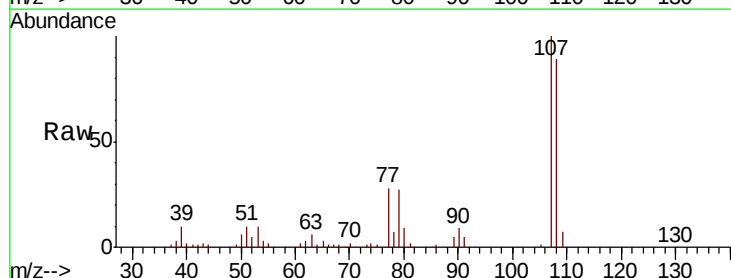
Instrument :
BNA_G
ClientSampleId :

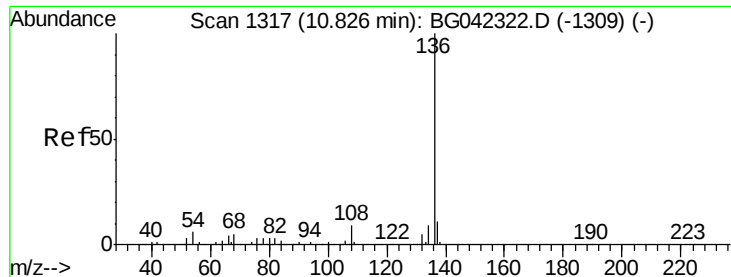
Tot Ion:	70	Resp:	92981
Ion	Ratio	Lower	Upper
70	100		
42	52.6	40.5	60.7
101	12.0	9.3	13.9
130	28.1	22.0	33.0



#20
3+4-Methylphenols
Concen: 42.307 ng
RT: 8.78 min Scan# 969
Delta R.T. 0.00 min
Lab File: BG042329.D
Acq: 19 Aug 2019 16:40

Tgt Ion:	107	Resp:	153507
Ion	Ratio	Lower	Upper
107	100		
108	89.0	67.8	107.8
77	28.2	9.1	49.1
79	26.8	5.3	45.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1317

Delta R.T. 0.00 min

Lab File: BG042329.D

Acq: 19 Aug 2019 16:40

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 217398

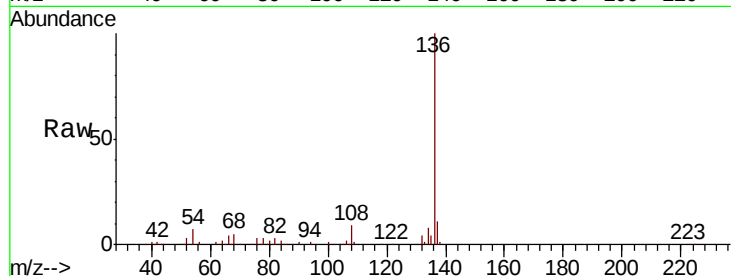
Ion Ratio Lower Upper

136 100

137 10.6 8.4 12.6

54 6.6 5.0 7.4

68 4.6 3.8 5.8

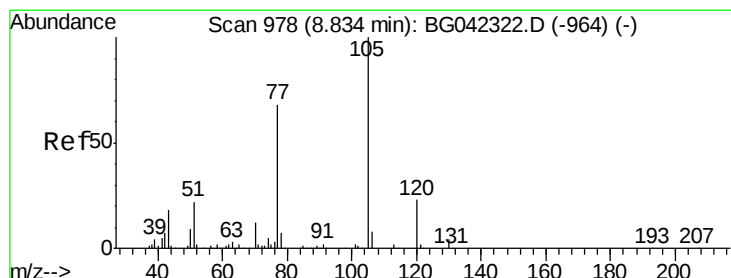
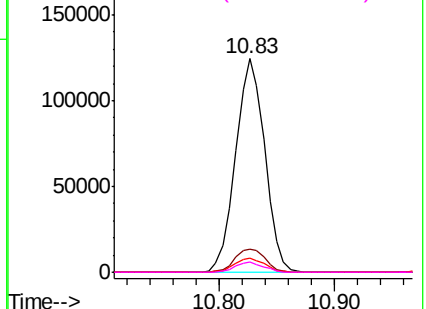
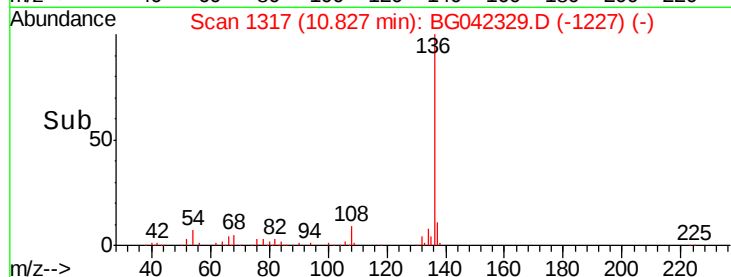


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG



#22

Acetophenone

Concen: 41.676 ng

RT: 8.83 min Scan# 977

Delta R.T. -0.01 min

Lab File: BG042329.D

Acq: 19 Aug 2019 16:40

Tgt Ion:105 Resp: 192510

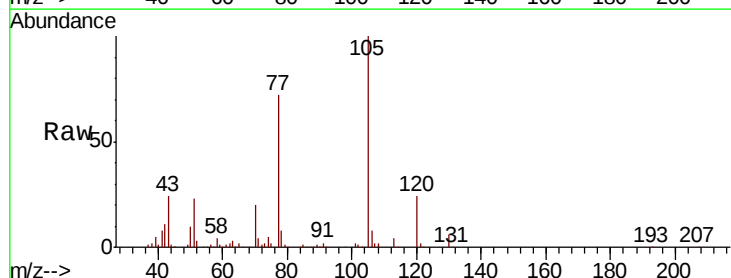
Ion Ratio Lower Upper

105 100

71 3.7 1.8 2.8#

51 22.5 17.5 26.3

120 24.0 18.4 27.6

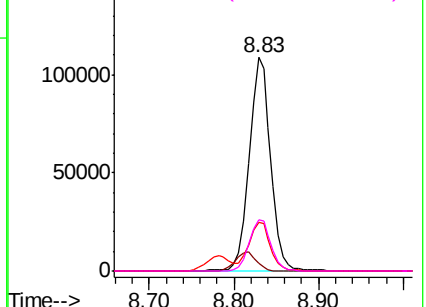
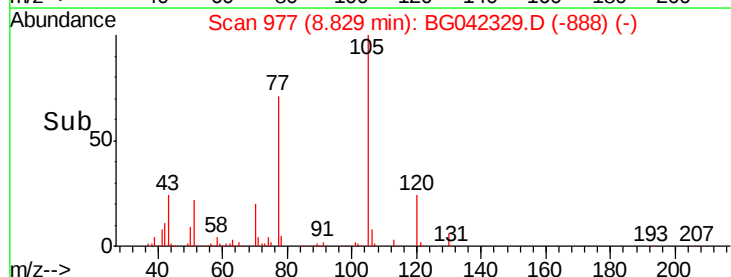


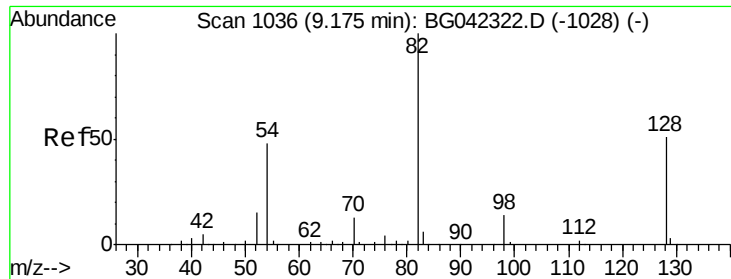
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BG

Ion 51.00 (50.70 to 51.70): BG

Ion 120.00 (119.70 to 120.70): E

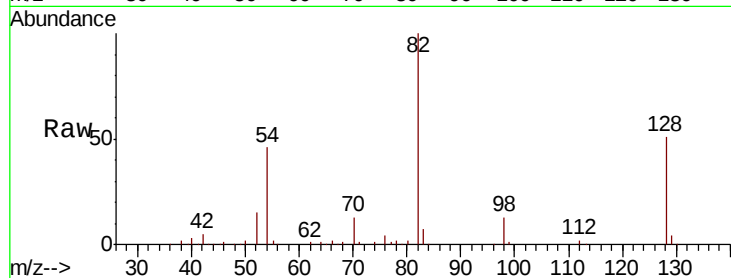




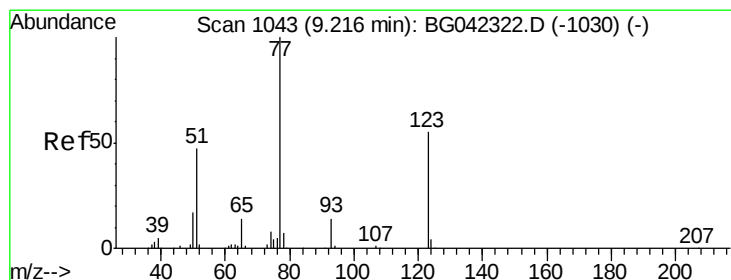
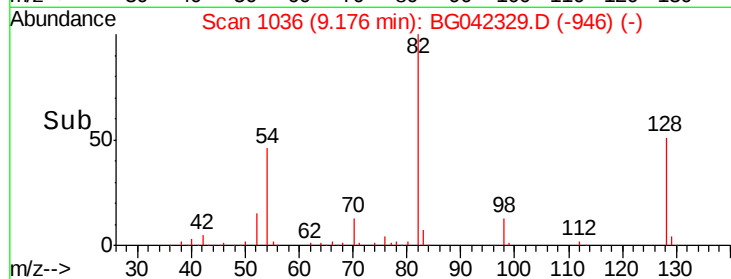
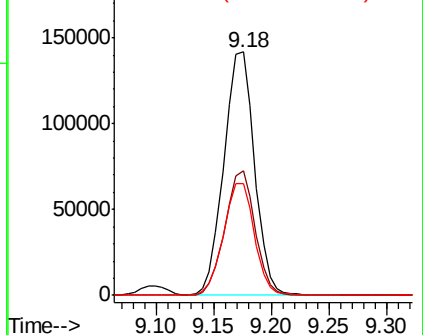
#23
 Nitrobenzene-d5
 Concen: 84.534 ng
 RT: 9.18 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BG042329.D
 Acq: 19 Aug 2019 16:40

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	82	Resp	261293
Ion Ratio	Lower	Upper	
82	100		
128	51.1	41.0	61.4
54	46.0	38.0	57.0

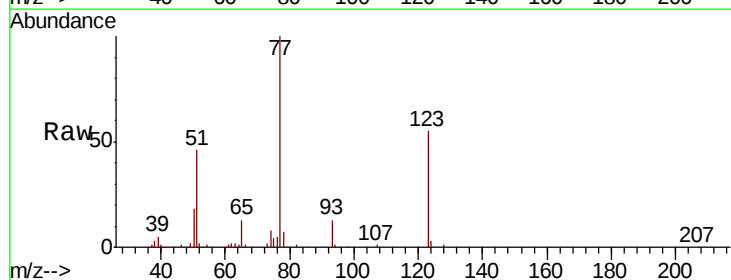


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

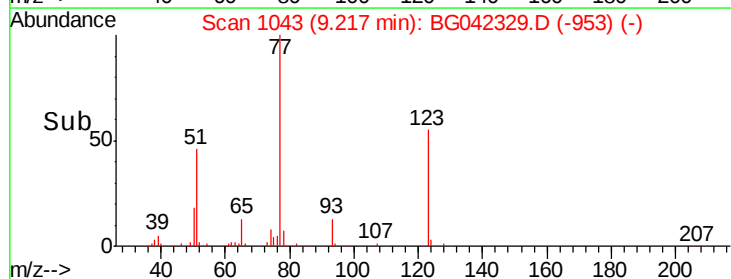
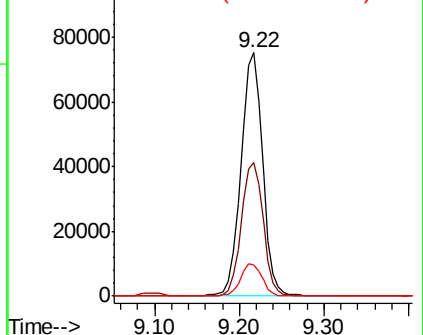


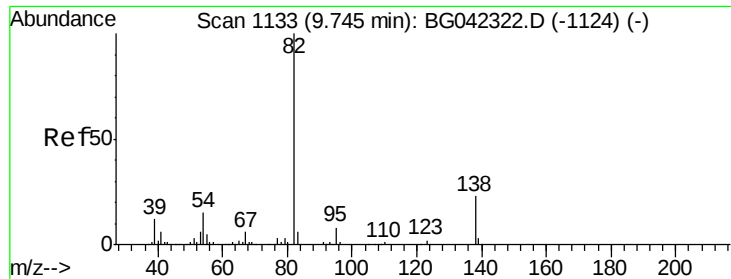
#24
 Nitrobenzene
 Concen: 42.184 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BG042329.D
 Acq: 19 Aug 2019 16:40

Tgt Ion	77	Resp	132860
Ion Ratio	Lower	Upper	
77	100		
123	55.0	43.7	65.5
65	12.6	10.9	16.3



Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 42.726 ng

RT: 9.74 min Scan# 1132

Delta R.T. -0.01 min

Lab File: BG042329.D

Acq: 19 Aug 2019 16:40

Instrument :

BNA_G

ClientSampleId :

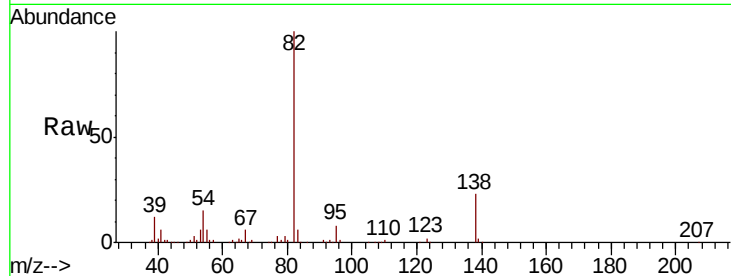
Tot Ion: 82 Resp: 264085

Ion Ratio Lower Upper

82 100

95 7.7 6.1 9.1

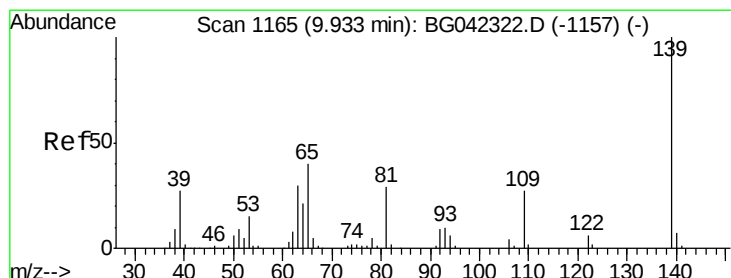
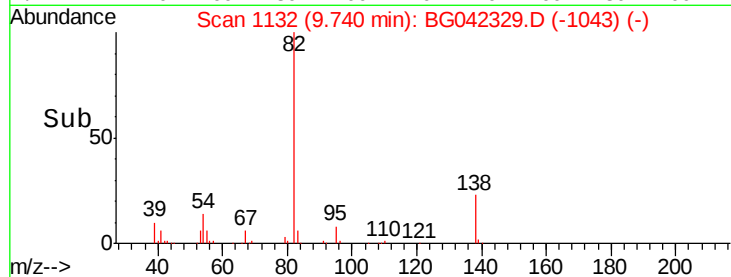
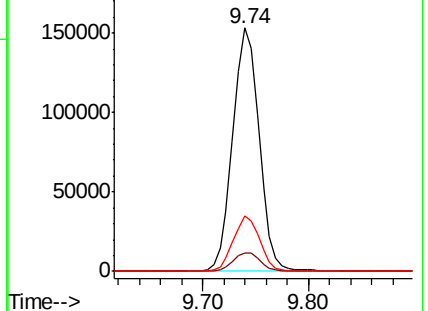
138 22.6 18.2 27.2



Abundance Ion 82.00 (81.70 to 82.70): BG042322.D (-1124) (-)

Ion 95.00 (94.70 to 95.70): BG042322.D (-1124) (-)

Ion 138.00 (137.70 to 138.70): BG042322.D (-1124) (-)



#26

2-Nitrophenol

Concen: 43.526 ng

RT: 9.93 min Scan# 1165

Delta R.T. 0.00 min

Lab File: BG042329.D

Acq: 19 Aug 2019 16:40

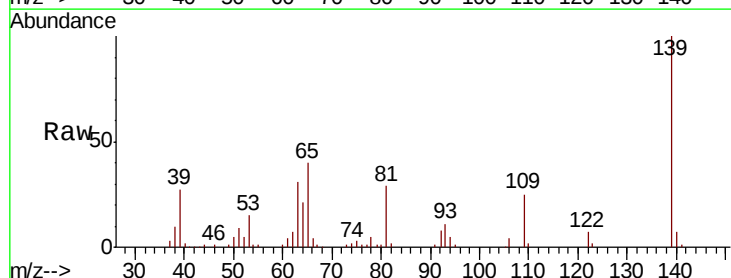
Tgt Ion: 139 Resp: 85220

Ion Ratio Lower Upper

139 100

109 25.1 21.4 32.2

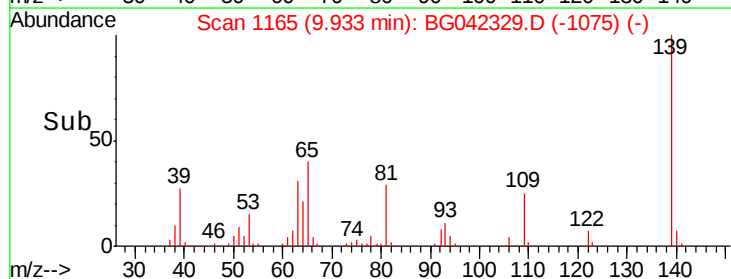
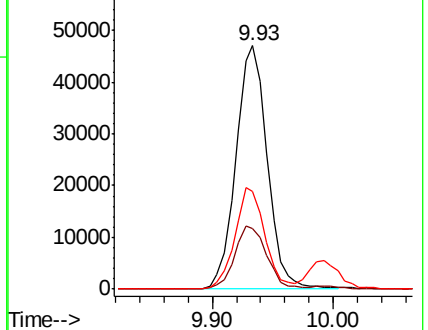
65 40.2 31.8 47.6

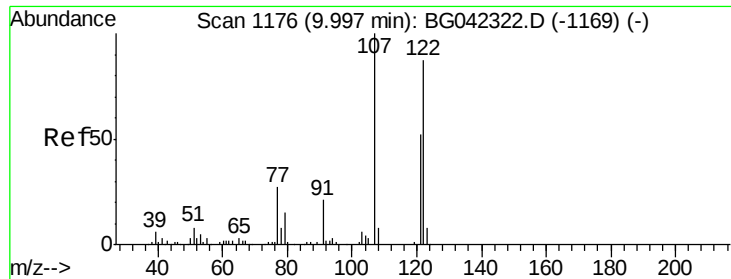


Abundance Ion 139.00 (138.70 to 139.70): BG042322.D (-1157) (-)

Ion 109.00 (108.70 to 109.70): BG042322.D (-1157) (-)

Ion 65.00 (64.70 to 65.70): BG042322.D (-1157) (-)

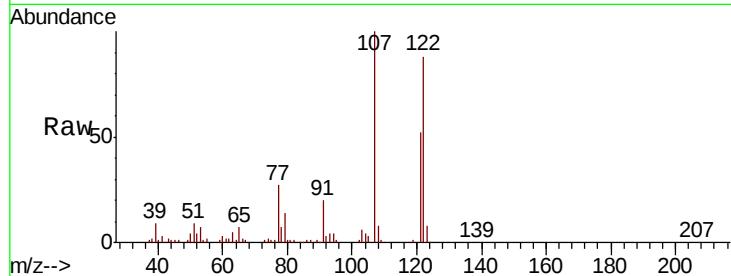




#27
 2,4-Dimethylphenol
 Concen: 42.094 ng
 RT: 9.99 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BG042329.D
 Acq: 19 Aug 2019 16:40

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
122	100		
107	113.7	91.0	136.4
121	59.2	47.1	70.7

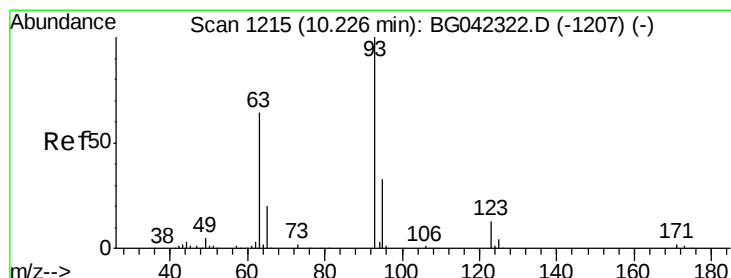
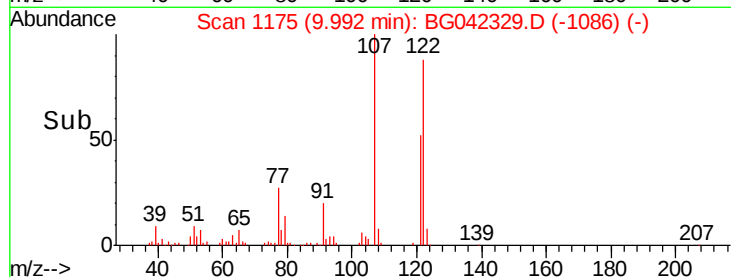
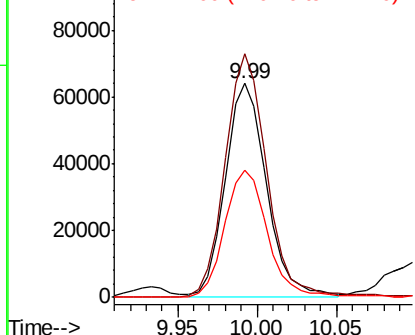


Abundance

Ion 122.00 (121.70 to 122.70): E

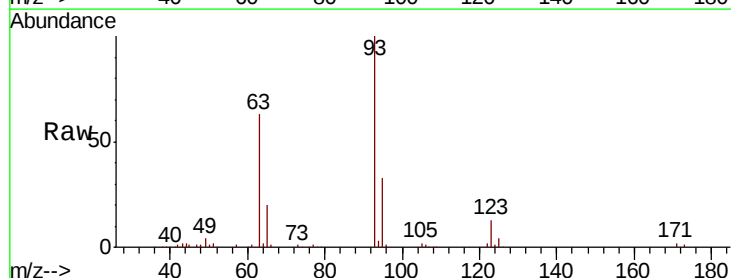
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.364 ng
 RT: 10.23 min Scan# 1215
 Delta R.T. 0.00 min
 Lab File: BG042329.D
 Acq: 19 Aug 2019 16:40

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.3	39.5
123	12.9	10.3	15.5

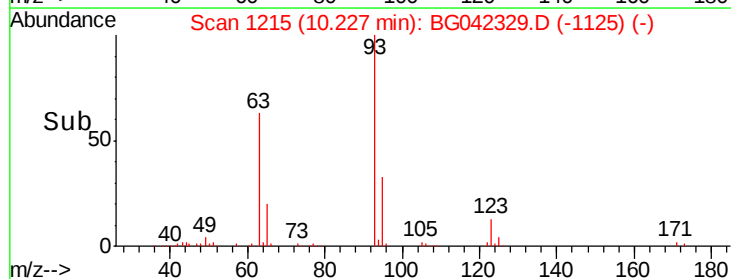
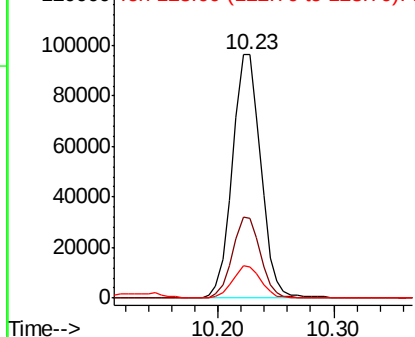


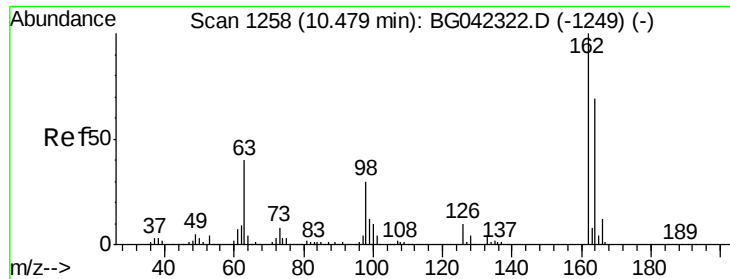
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

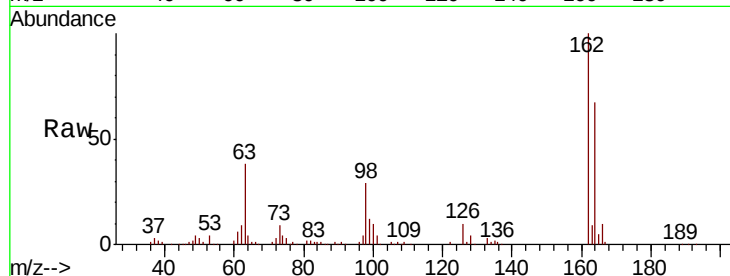




#29
2,4-Dichlorophenol
Concen: 42.955 ng
RT: 10.47 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BG042329.D
Acq: 19 Aug 2019 16:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	67.2	48.6	88.6
98	28.7	9.6	49.6

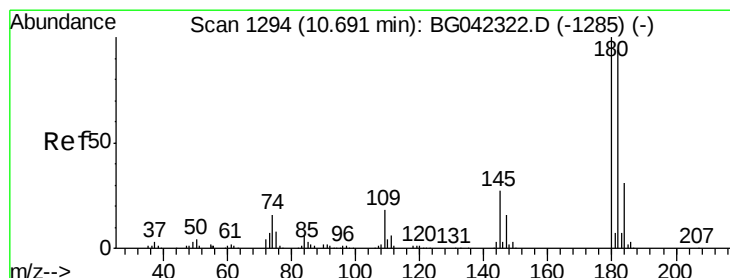
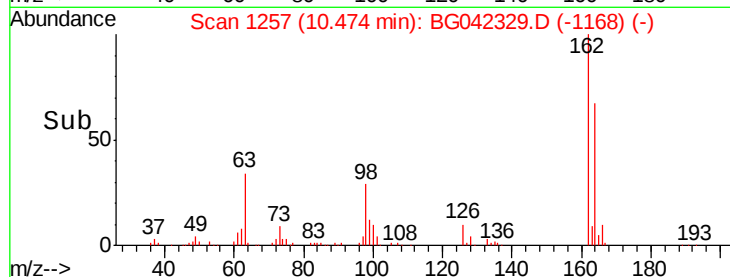
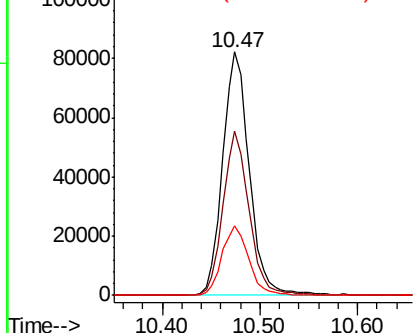


Abundance

Ion 162.00 (161.70 to 162.70): E

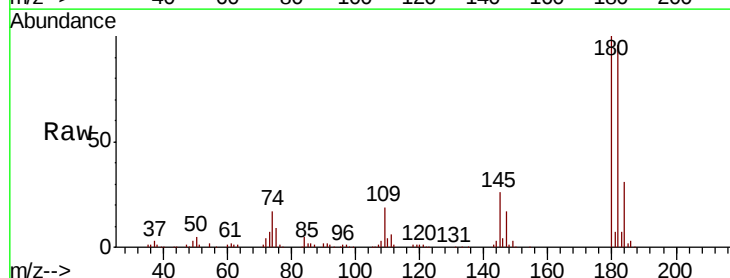
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
1,2,4-Trichlorobenzene
Concen: 40.713 ng
RT: 10.69 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BG042329.D
Acq: 19 Aug 2019 16:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	75.1	112.7
145	26.3	21.2	31.8

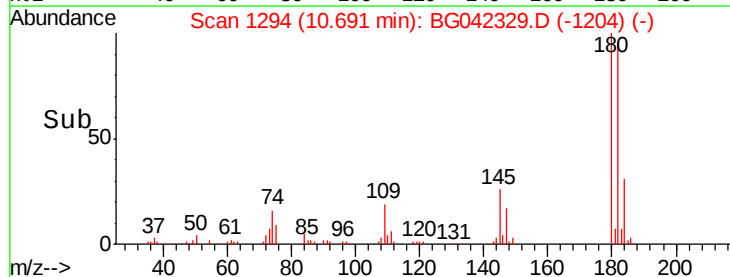
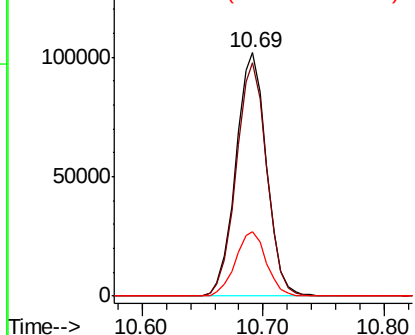


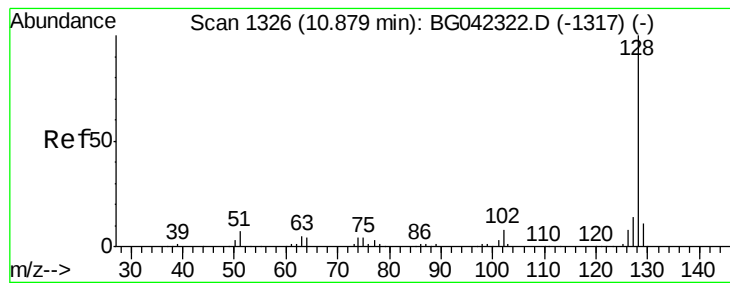
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 42.262 ng

RT: 10.88 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BG042329.D

Acq: 19 Aug 2019 16:40

Instrument :

BNA_G

ClientSampleId :

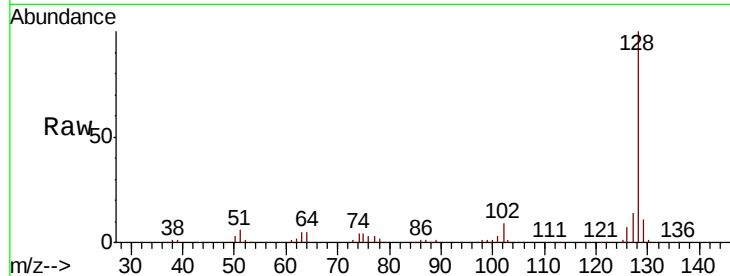
Tot Ion:128 Resp: 425770

Ion Ratio Lower Upper

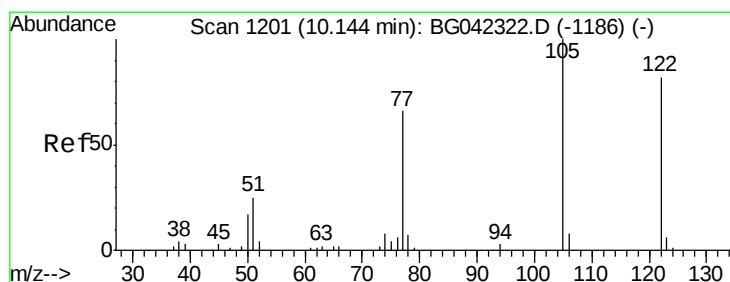
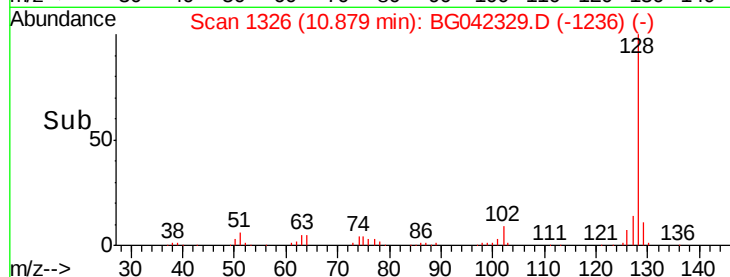
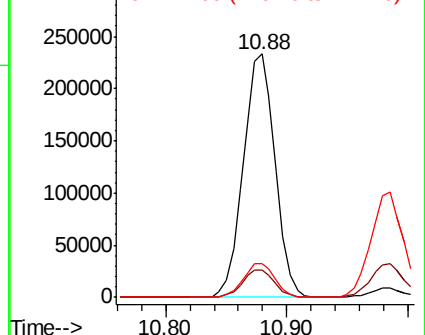
128 100

129 11.0 8.6 13.0

127 13.9 10.8 16.2



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: 44.641 ng

RT: 10.14 min Scan# 1200

Delta R.T. -0.00 min

Lab File: BG042329.D

Acq: 19 Aug 2019 16:40

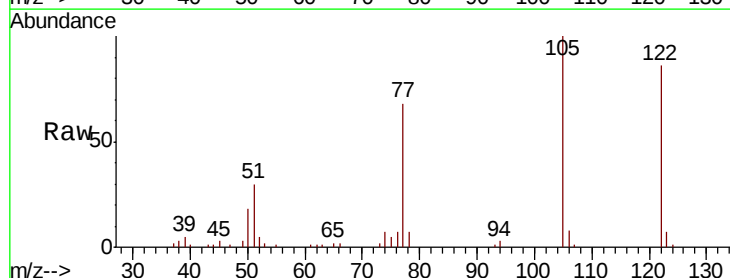
Tgt Ion:122 Resp: 86857

Ion Ratio Lower Upper

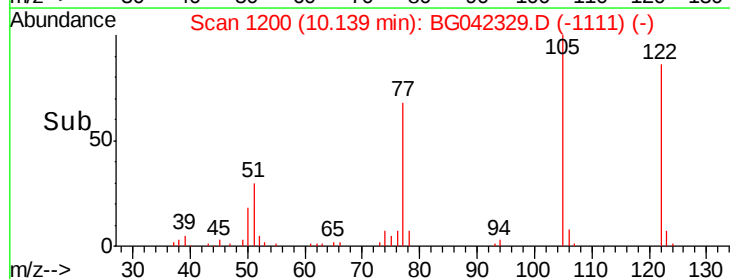
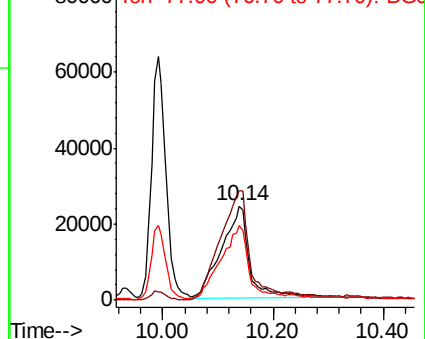
122 100

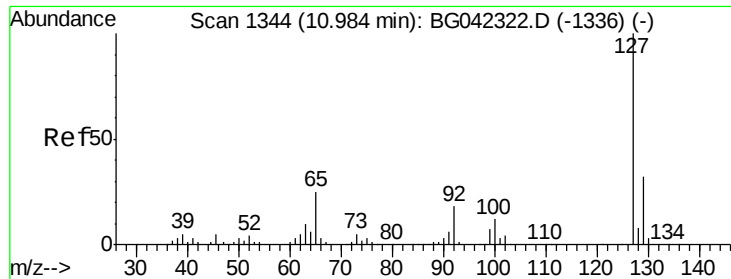
105 116.1 97.7 137.7

77 79.5 58.4 98.4



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

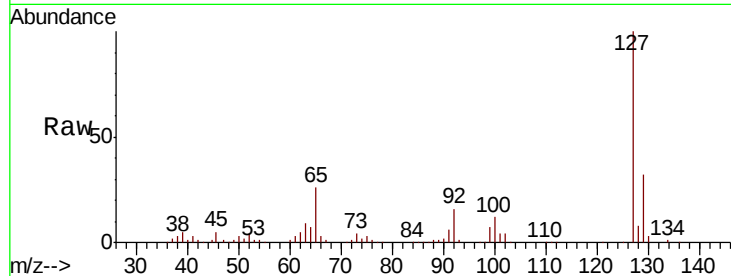




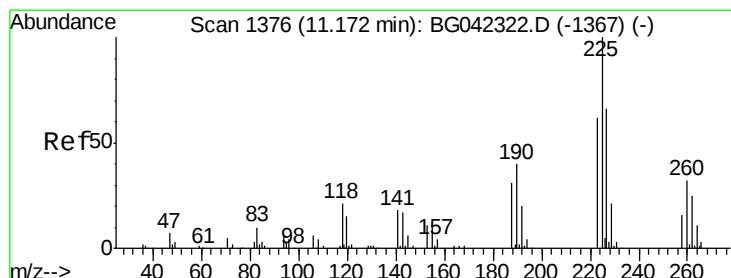
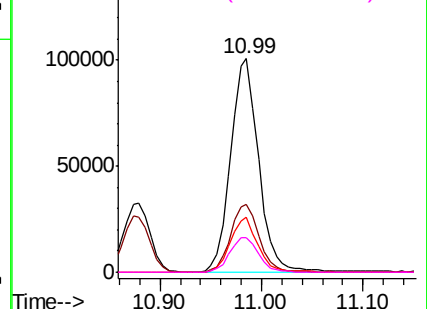
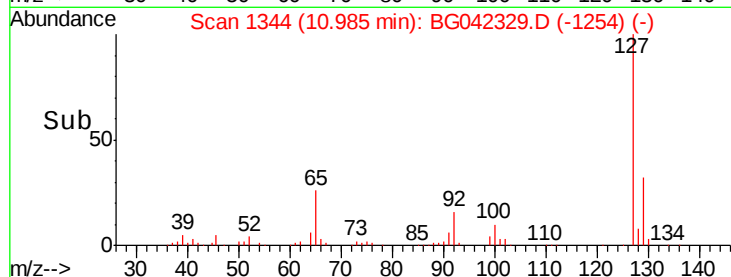
#33
4-Chloroaniline
Concen: 42.026 ng
RT: 10.99 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BG042329.D
Acq: 19 Aug 2019 16:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	193070
Ion Ratio	Lower	Upper
127	100	
129	31.9	25.9 38.9
65	25.8	19.8 29.8
92	16.0	14.4 21.6

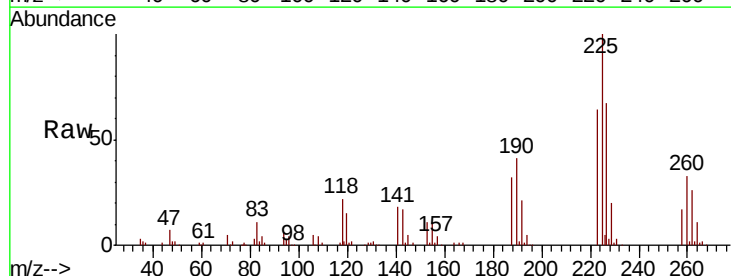


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

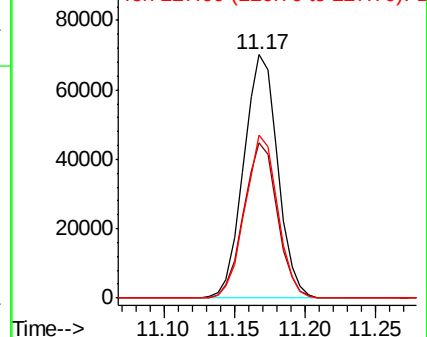
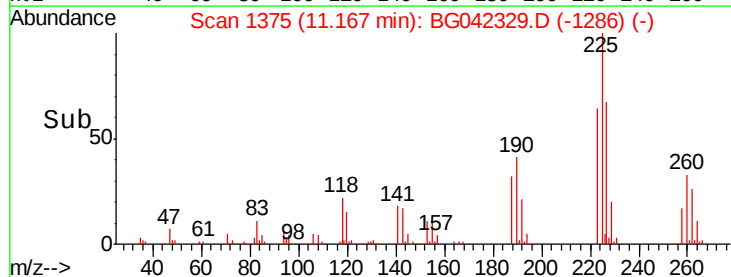


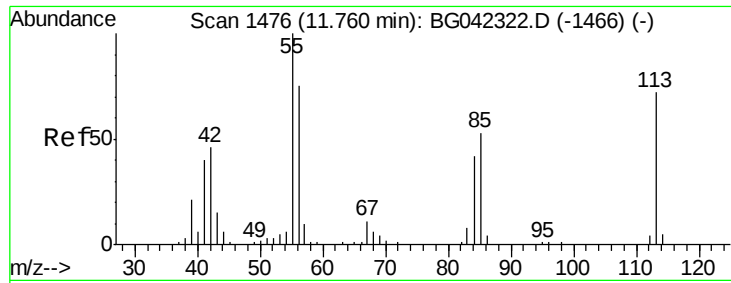
#34
Hexachlorobutadiene
Concen: 40.027 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.01 min
Lab File: BG042329.D
Acq: 19 Aug 2019 16:40

Tgt Ion:225	Resp:	118417
Ion Ratio	Lower	Upper
225	100	
223	63.7	49.8 74.8
227	66.7	52.9 79.3



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

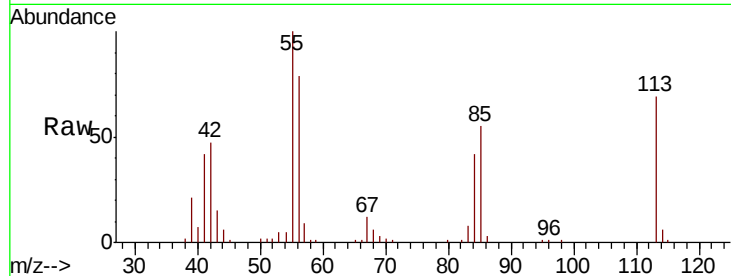




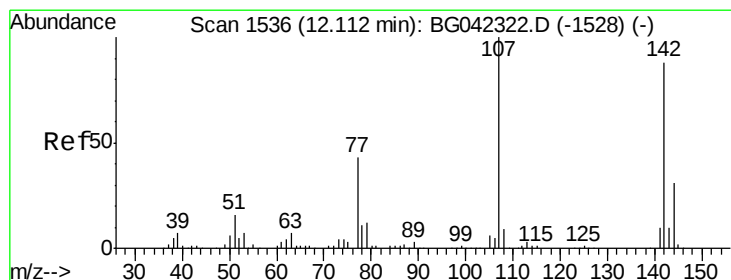
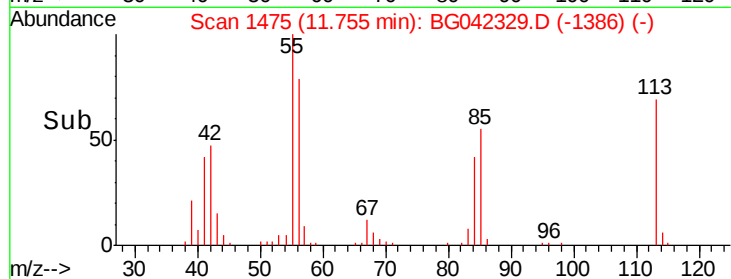
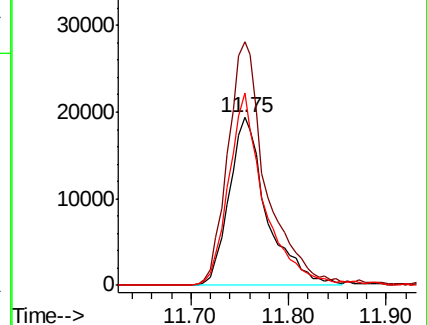
#35
 Caprolactam
 Concen: 45.110 ng
 RT: 11.75 min Scan# 1475
 Delta R.T. -0.01 min
 Lab File: BG042329.D
 Acq: 19 Aug 2019 16:40

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:113 Resp: 51925
 Ion Ratio Lower Upper
 113 100
 55 145.2 119.4 159.4
 56 114.7 83.9 123.9

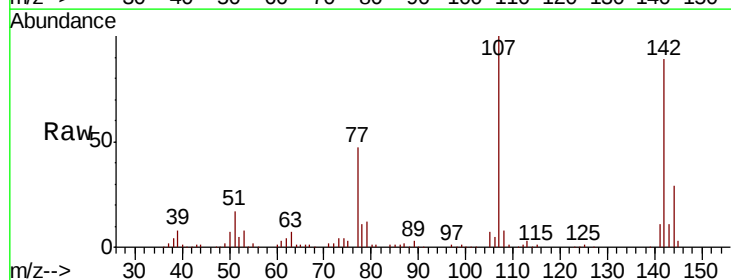


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BG
 Ion 56.00 (55.70 to 56.70): BG

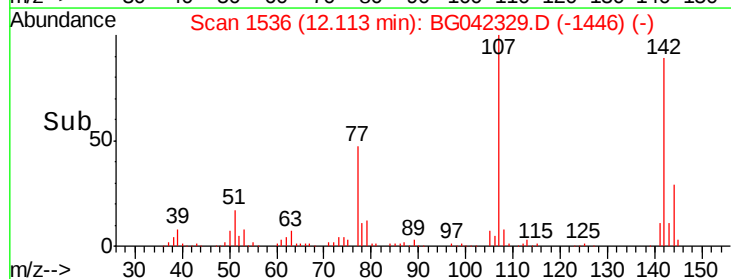
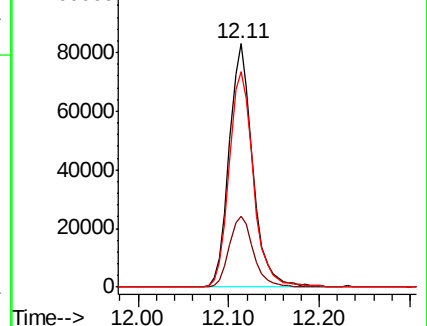


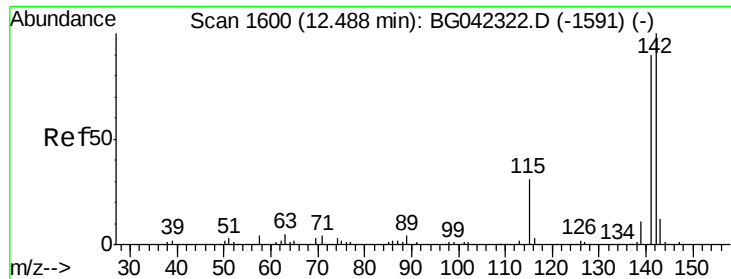
#36
 4-Chloro-3-methylphenol
 Concen: 44.339 ng
 RT: 12.11 min Scan# 1536
 Delta R.T. 0.00 min
 Lab File: BG042329.D
 Acq: 19 Aug 2019 16:40

Tgt Ion:107 Resp: 149679
 Ion Ratio Lower Upper
 107 100
 144 29.2 24.9 37.3
 142 88.5 70.3 105.5



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

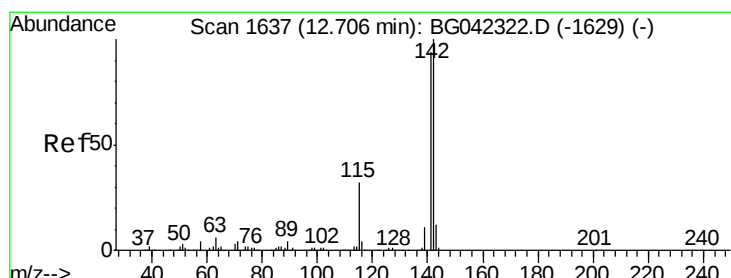
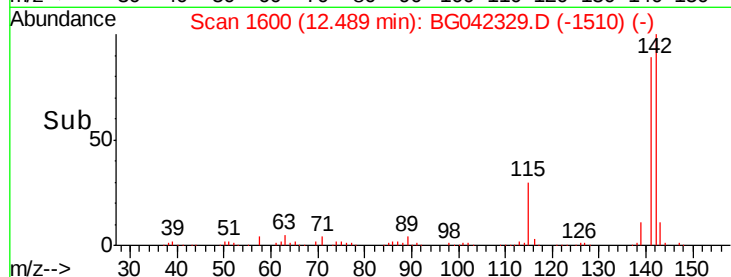
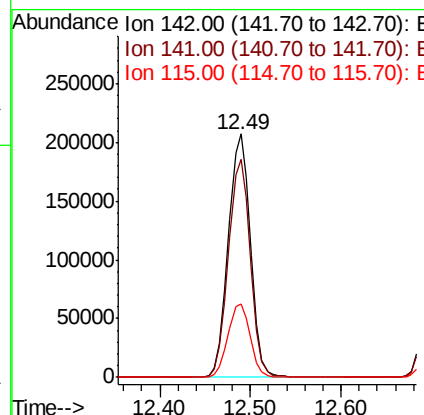
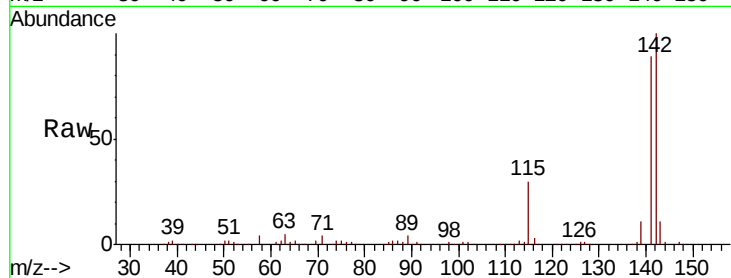




#37
2-Methylnaphthalene
Concen: 43.269 ng
RT: 12.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: BG042329.D
Acq: 19 Aug 2019 16:40

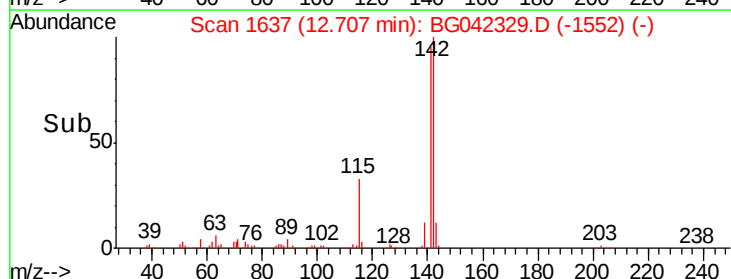
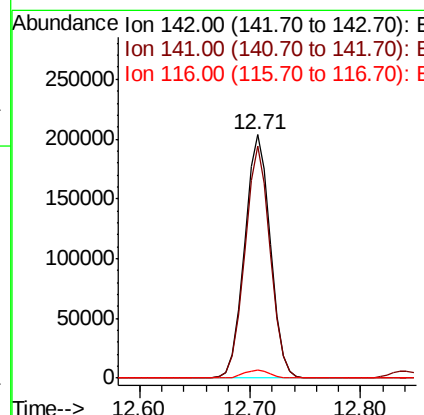
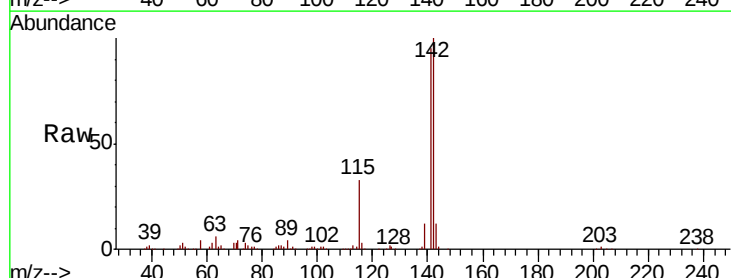
Instrument :
BNA_G
ClientSampled :

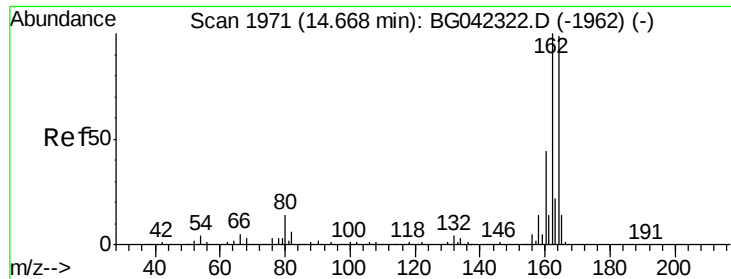
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	72.1	108.1
115	30.1	24.4	36.6



#38
1-Methylnaphthalene
Concen: 43.334 ng
RT: 12.71 min Scan# 1637
Delta R.T. 0.00 min
Lab File: BG042329.D
Acq: 19 Aug 2019 16:40

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.1	75.1	112.7
116	3.5	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1970

Delta R.T. -0.01 min

Lab File: BG042329.D

Acq: 19 Aug 2019 16:40

Instrument :

BNA_G

ClientSampleId :

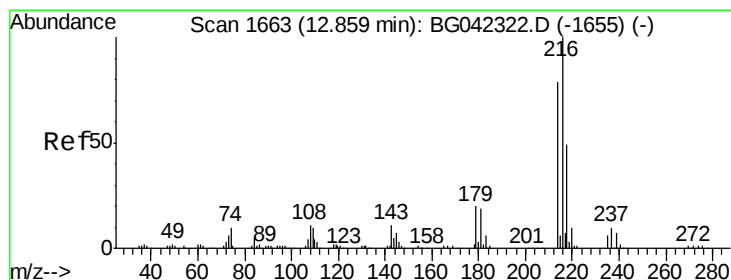
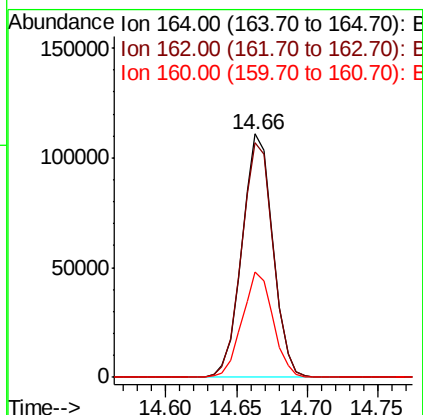
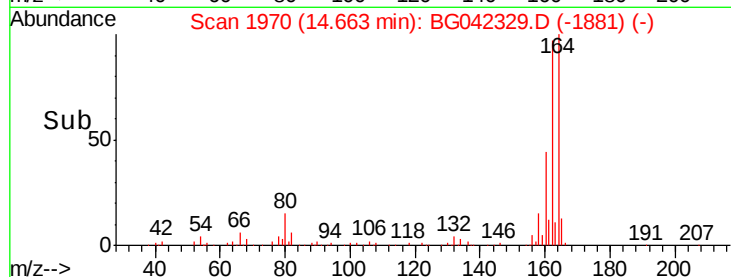
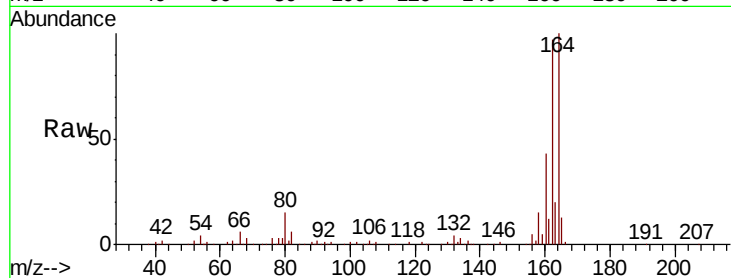
Tot Ion:164 Resp: 169145

Ion Ratio Lower Upper

164 100

162 96.5 80.6 120.8

160 43.4 35.7 53.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.684 ng

RT: 12.86 min Scan# 1663

Delta R.T. 0.00 min

Lab File: BG042329.D

Acq: 19 Aug 2019 16:40

Tgt Ion:216 Resp: 216358

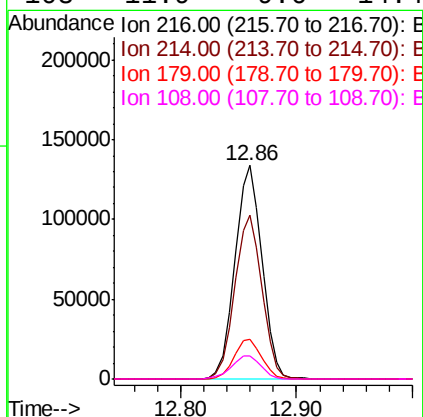
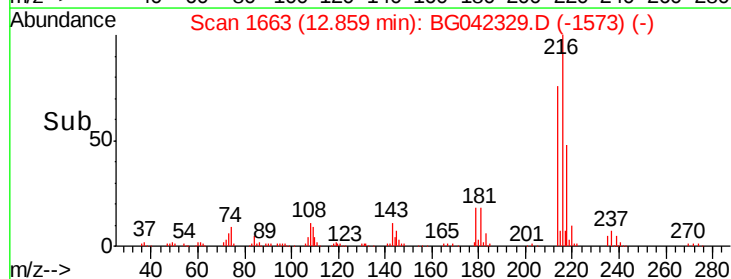
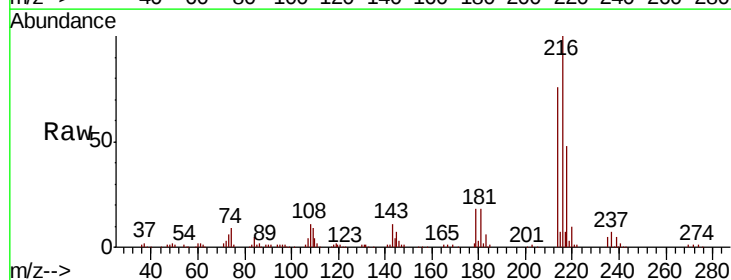
Ion Ratio Lower Upper

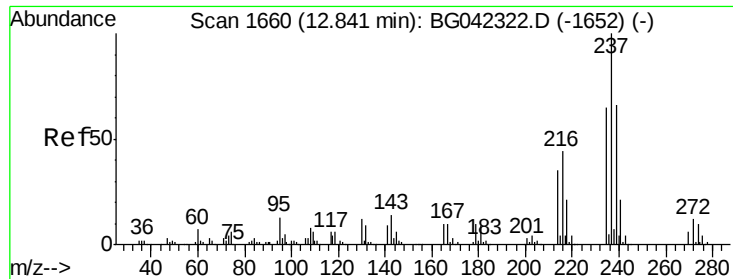
216 100

214 77.1 62.2 93.4

179 19.0 15.3 22.9

108 11.9 9.6 14.4





#41

Hexachlorocyclopentadiene

Concen: 36.594 ng

RT: 12.84 min Scan# 1660

Delta R.T. 0.00 min

Lab File: BG042329.D

Acq: 19 Aug 2019 16:40

Instrument :

BNA_G

ClientSampleId :

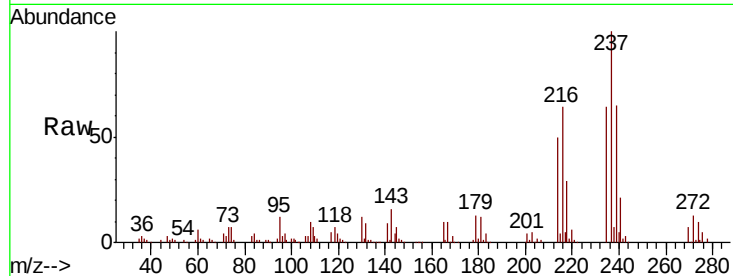
Tot Ion:237 Resp: 103341

Ion Ratio Lower Upper

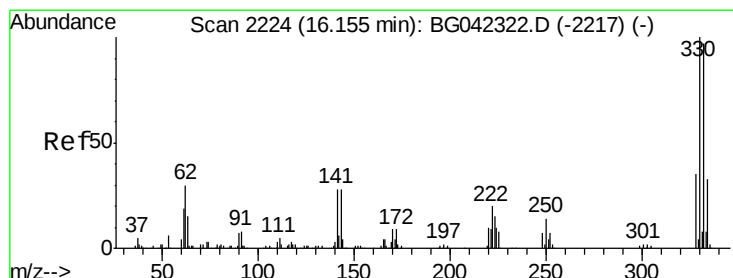
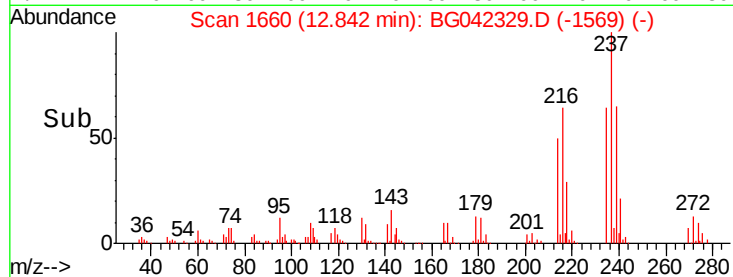
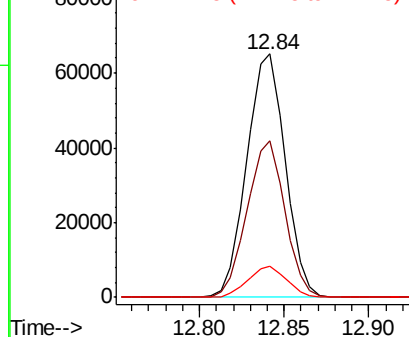
237 100

235 64.2 45.1 85.1

272 12.7 0.0 32.3



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 84.425 ng

RT: 16.16 min Scan# 2224

Delta R.T. 0.00 min

Lab File: BG042329.D

Acq: 19 Aug 2019 16:40

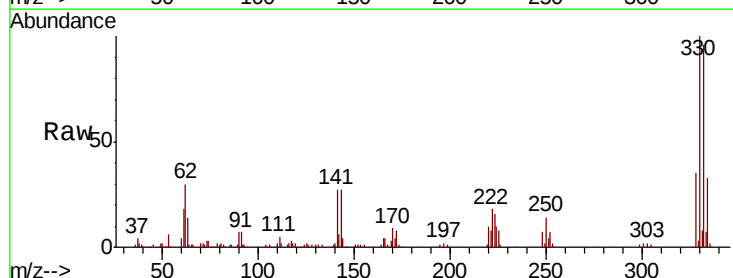
Tgt Ion:330 Resp: 194492

Ion Ratio Lower Upper

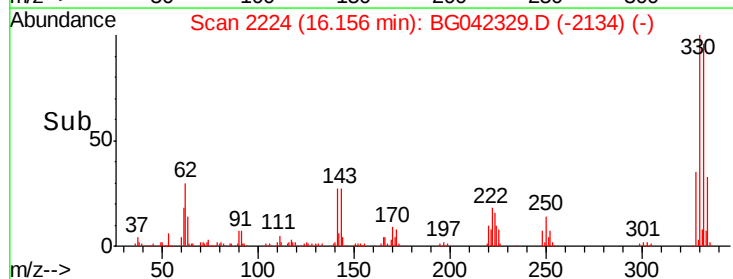
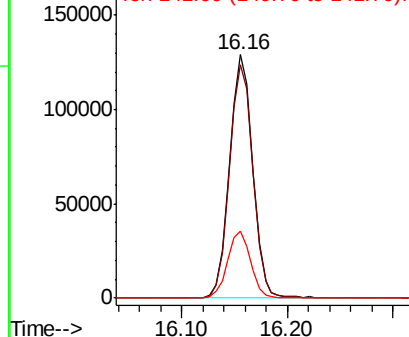
330 100

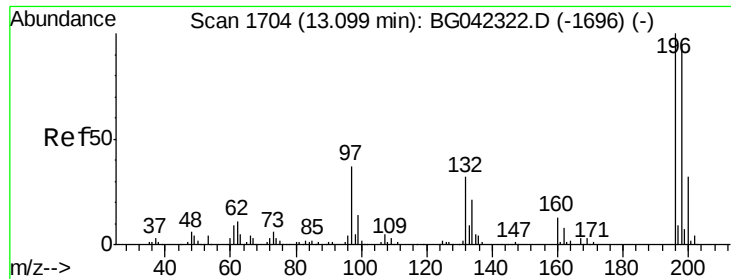
332 97.0 76.9 115.3

141 27.5 21.8 32.6



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

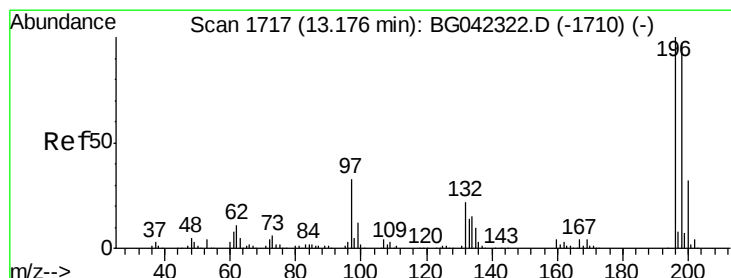
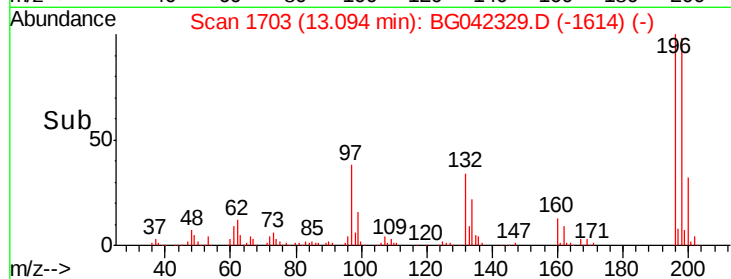
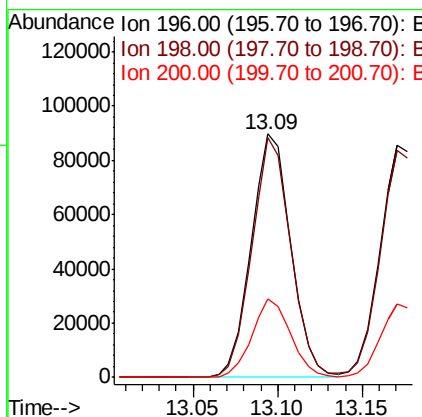
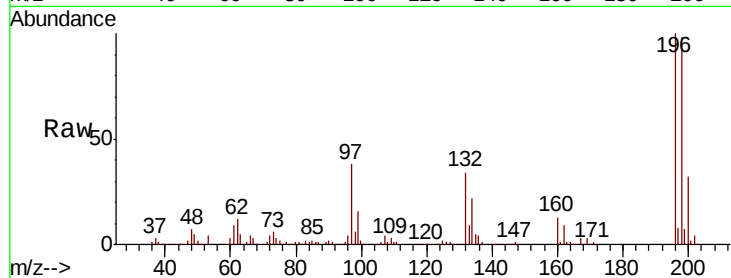




#43
 2,4,6-Trichlorophenol
 Concen: 39.813 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG042329.D
 Acq: 19 Aug 2019 16:40

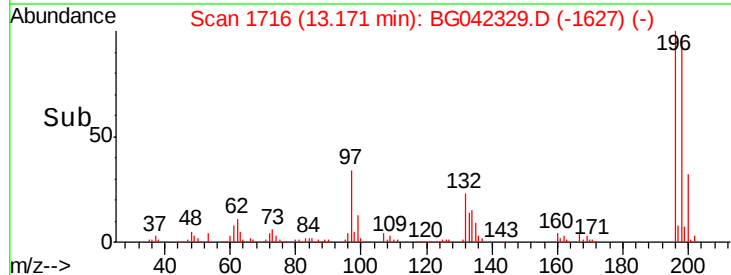
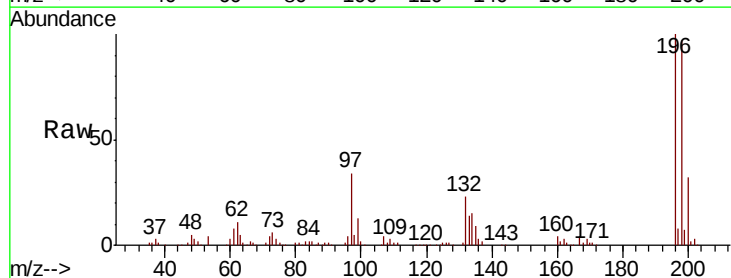
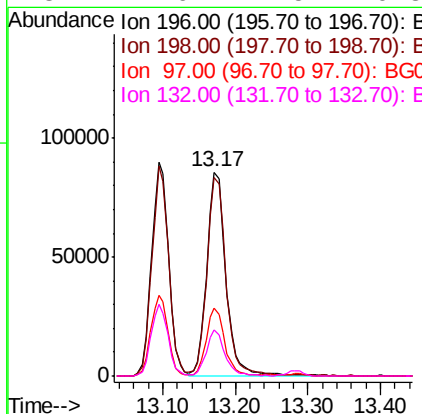
Instrument :
 BNA_G
 ClientSampled :

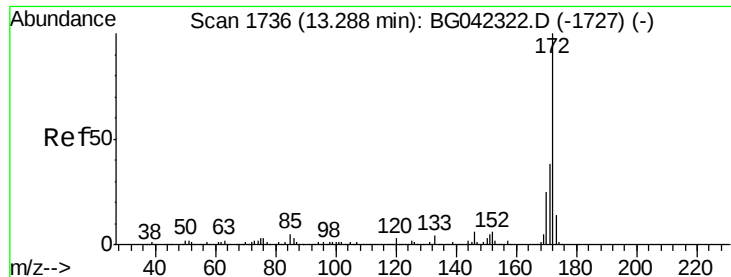
Tot Ion:196 Resp: 145279
 Ion Ratio Lower Upper
 196 100
 198 98.5 75.9 113.9
 200 32.5 25.5 38.3



#44
 2,4,5-Trichlorophenol
 Concen: 41.762 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG042329.D
 Acq: 19 Aug 2019 16:40

Tgt Ion:196 Resp: 156959
 Ion Ratio Lower Upper
 196 100
 198 97.4 77.4 116.2
 97 33.6 26.5 39.7
 132 22.6 17.5 26.3

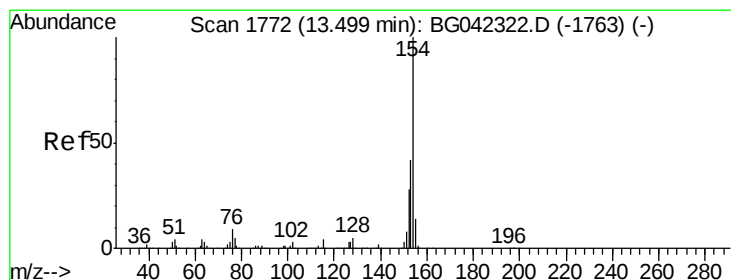
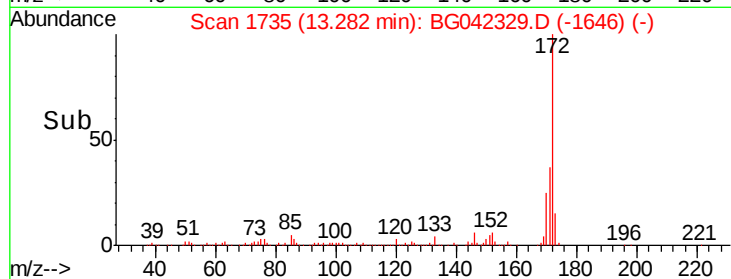
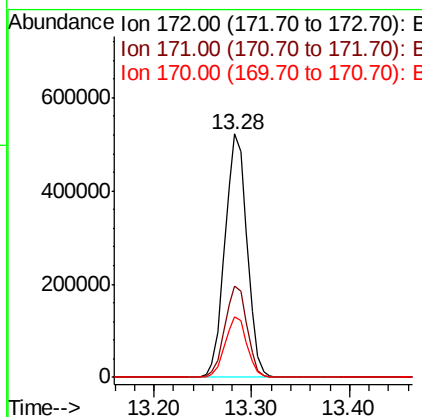
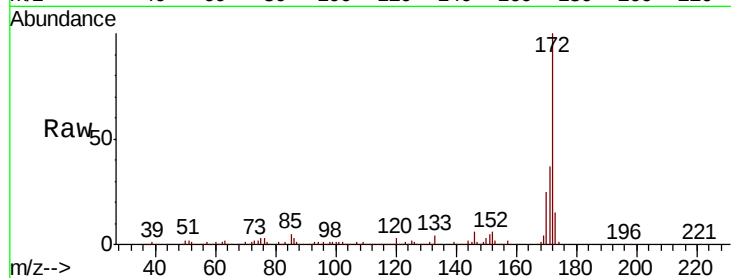




#45
2-Fluorobiphenyl
Concen: 81.801 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.01 min
Lab File: BG042329.D
Acq: 19 Aug 2019 16:40

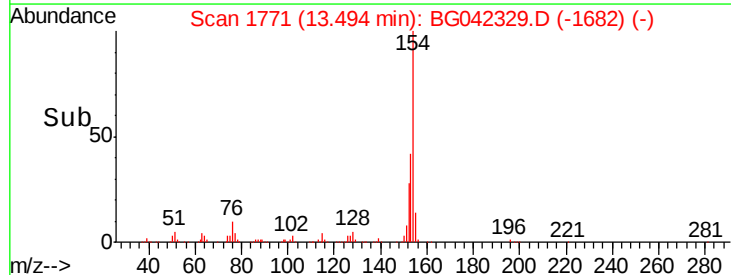
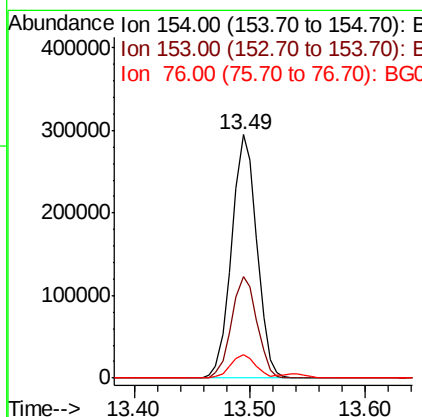
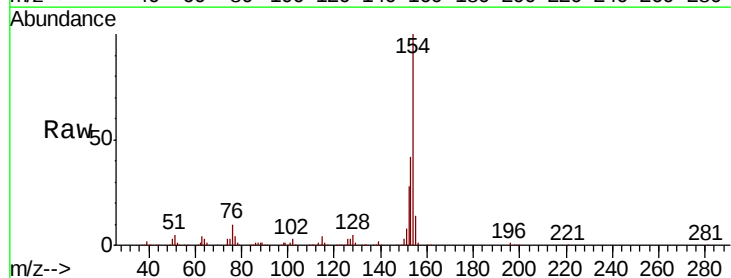
Instrument :
BNA_G
ClientSampleId :

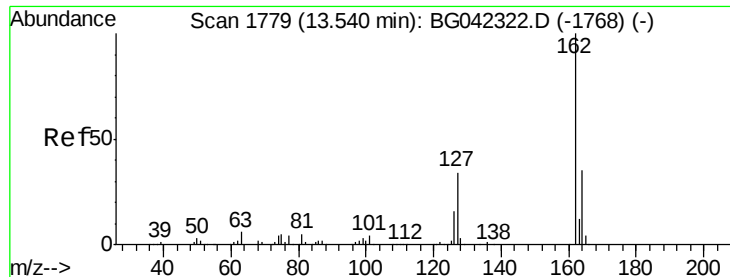
Tot Ion:172 Resp: 817672
Ion Ratio Lower Upper
172 100
171 37.5 30.3 45.5
170 25.1 20.0 30.0



#46
1,1'-Biphenyl
Concen: 40.358 ng
RT: 13.49 min Scan# 1771
Delta R.T. -0.01 min
Lab File: BG042329.D
Acq: 19 Aug 2019 16:40

Tgt Ion:154 Resp: 445360
Ion Ratio Lower Upper
154 100
153 41.8 21.9 61.9
76 9.6 0.0 29.3

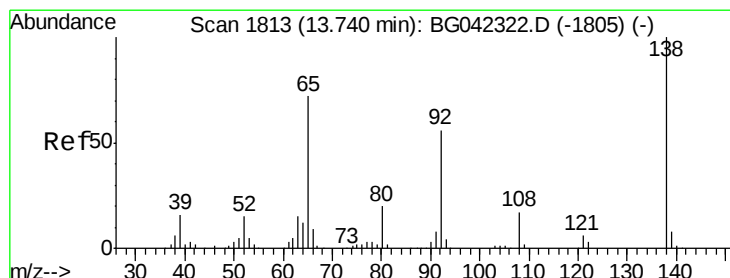
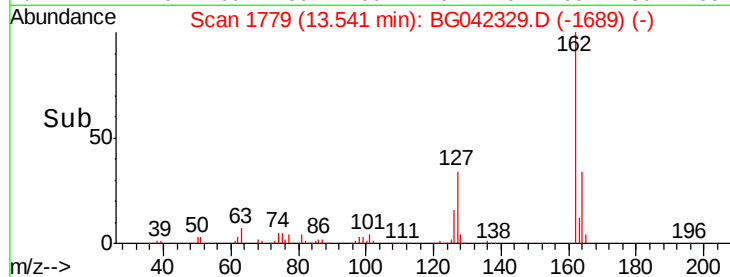
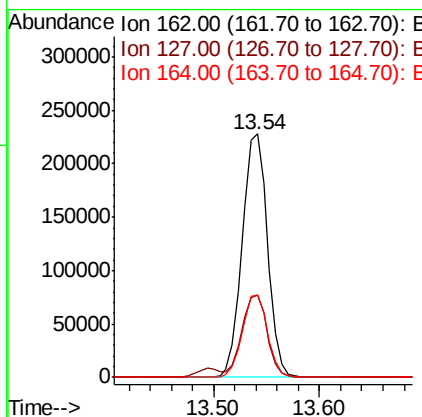
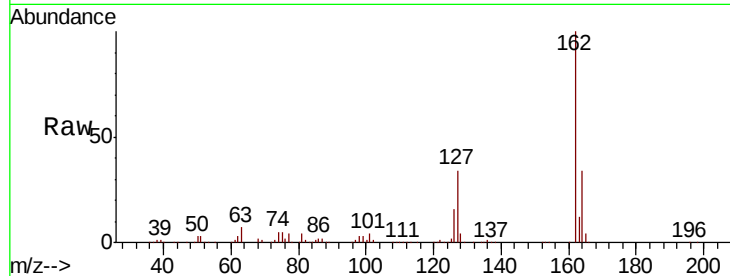




#47
 2-Chloronaphthalene
 Concen: 40.324 ng
 RT: 13.54 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: BG042329.D
 Acq: 19 Aug 2019 16:40

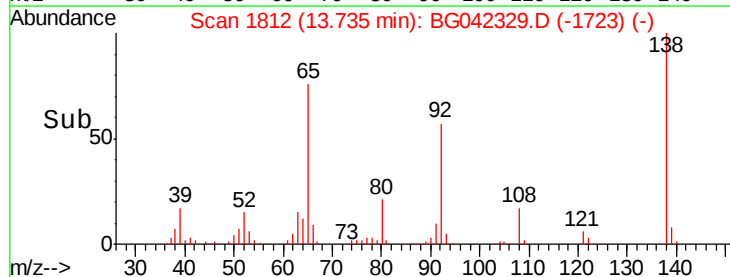
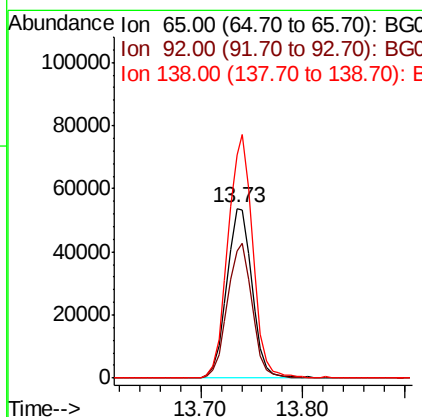
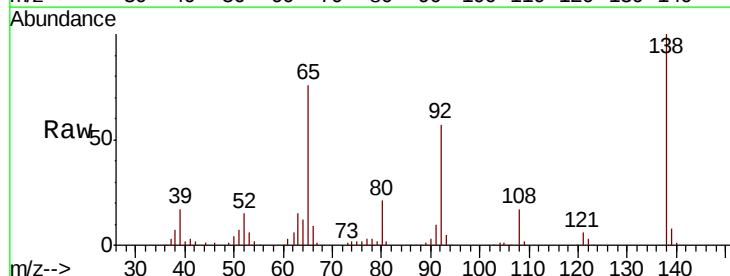
Instrument :
 BNA_G
 ClientSampleId :

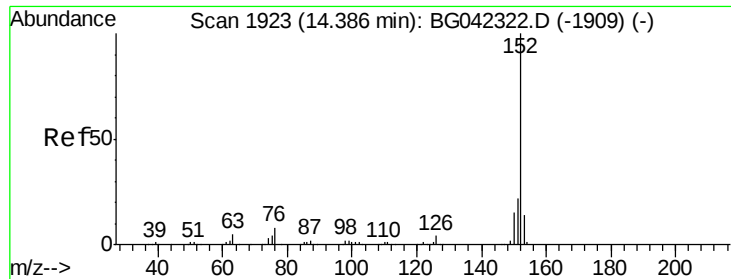
Tot Ion	Ratio	Lower	Upper
162	100		
127	33.9	27.2	40.8
164	34.1	27.8	41.8



#48
 2-Nitroaniline
 Concen: 41.942 ng
 RT: 13.73 min Scan# 1812
 Delta R.T. -0.01 min
 Lab File: BG042329.D
 Acq: 19 Aug 2019 16:40

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.2	62.6	94.0
138	131.4	111.5	167.3

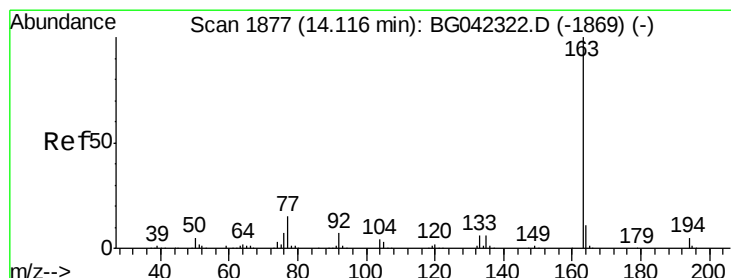
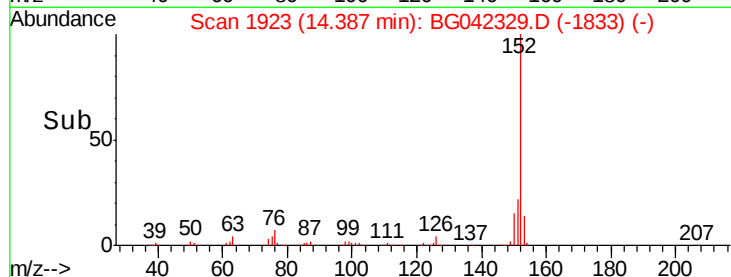
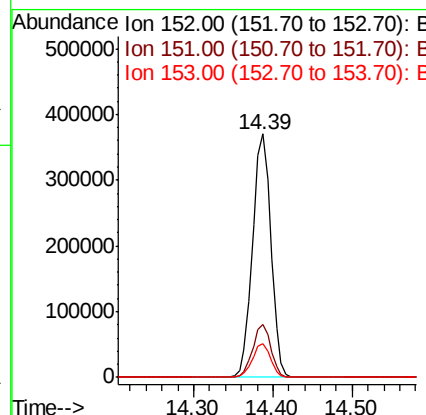
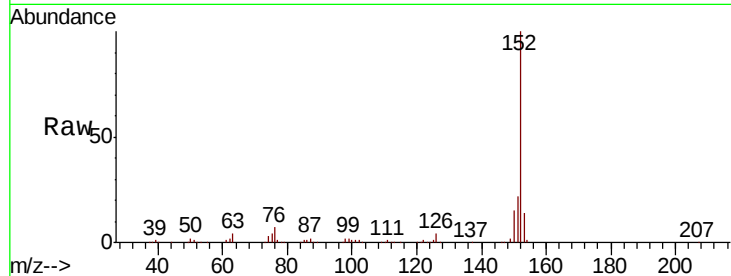




#49
Acenaphthylene
Concen: 42.381 ng
RT: 14.39 min Scan# 1923
Delta R.T. 0.00 min
Lab File: BG042329.D
Acq: 19 Aug 2019 16:40

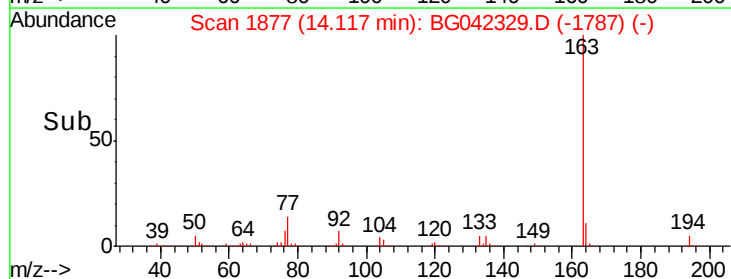
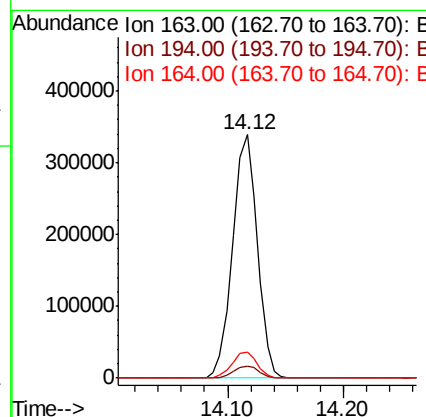
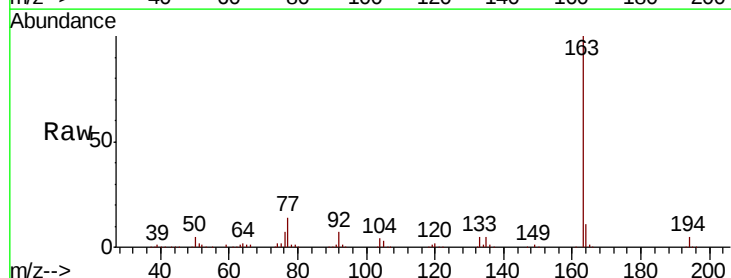
Instrument :
BNA_G
ClientSampleId :

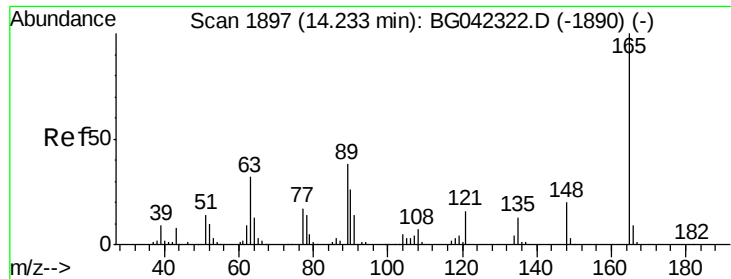
Tot Ion:152 Resp: 599393
Ion Ratio Lower Upper
152 100
151 21.6 17.3 25.9
153 13.6 11.5 17.3



#50
Dimethylphthalate
Concen: 41.769 ng
RT: 14.12 min Scan# 1877
Delta R.T. 0.00 min
Lab File: BG042329.D
Acq: 19 Aug 2019 16:40

Tgt Ion:163 Resp: 502018
Ion Ratio Lower Upper
163 100
194 5.1 4.2 6.2
164 10.5 8.8 13.2





#51

2,6-Dinitrotoluene

Concen: 42.024 ng

RT: 14.23 min Scan# 1897

Delta R.T. 0.00 min

Lab File: BG042329.D

Acq: 19 Aug 2019 16:40

Instrument :

BNA_G

ClientSampled :

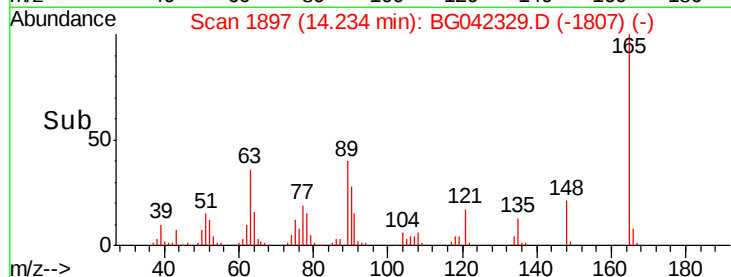
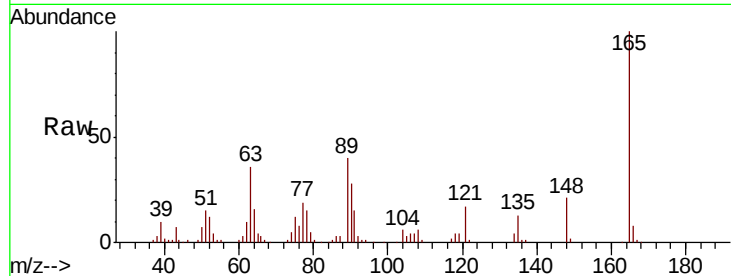
Tot Ion:165 Resp: 118212

Ion Ratio Lower Upper

165 100

63 36.1 28.2 42.2

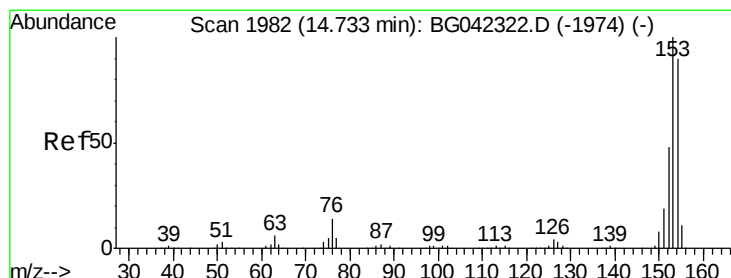
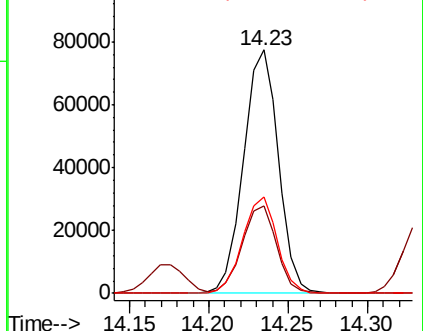
89 39.6 30.0 45.0



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: 40.318 ng

RT: 14.73 min Scan# 1981

Delta R.T. -0.01 min

Lab File: BG042329.D

Acq: 19 Aug 2019 16:40

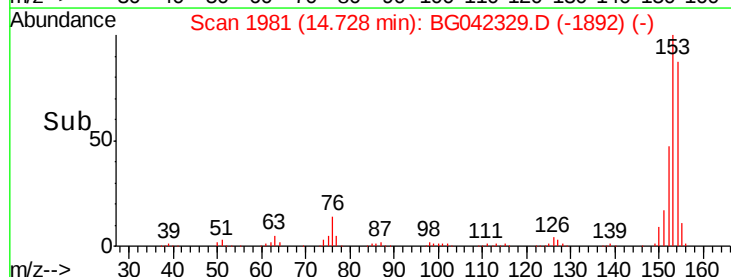
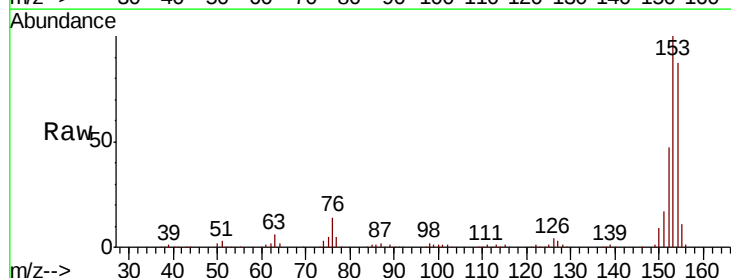
Tgt Ion:154 Resp: 347847

Ion Ratio Lower Upper

154 100

153 115.2 89.4 134.0

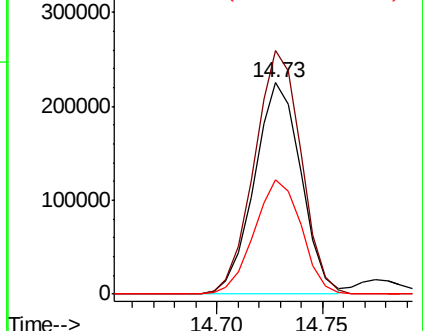
152 53.8 43.1 64.7

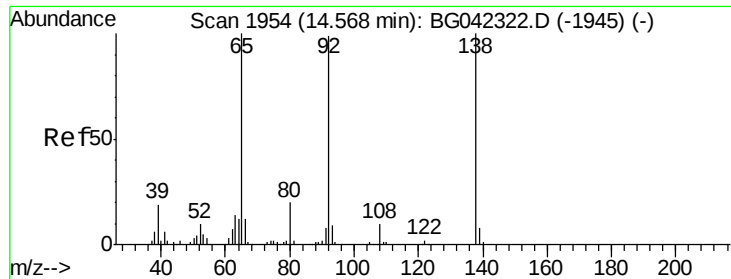


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 41.485 ng

RT: 14.56 min Scan# 1953

Delta R.T. -0.01 min

Lab File: BG042329.D

Acq: 19 Aug 2019 16:40

Instrument :

BNA_G

ClientSampleId :

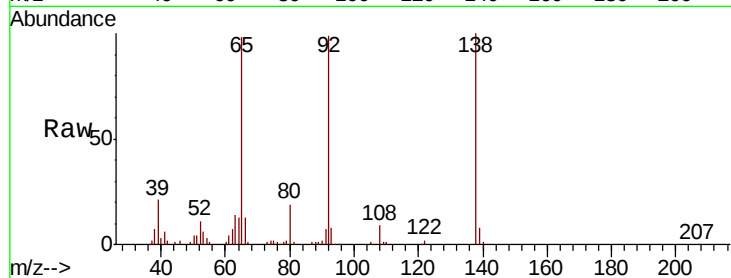
Tot Ion:138 Resp: 114743

Ion Ratio Lower Upper

138 100

108 8.6 7.9 11.9

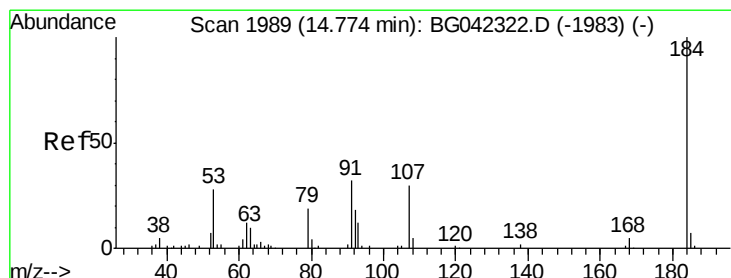
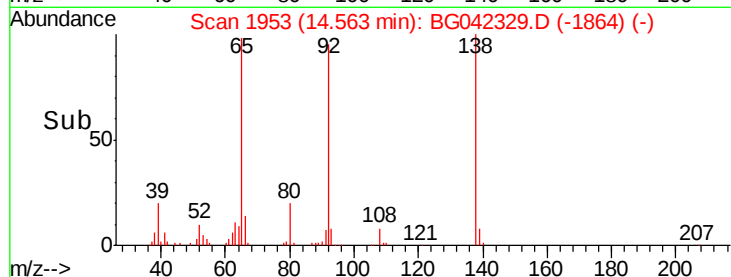
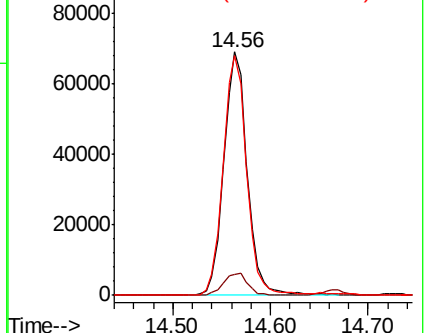
92 98.6 79.8 119.8



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: 35.783 ng

RT: 14.77 min Scan# 1989

Delta R.T. 0.00 min

Lab File: BG042329.D

Acq: 19 Aug 2019 16:40

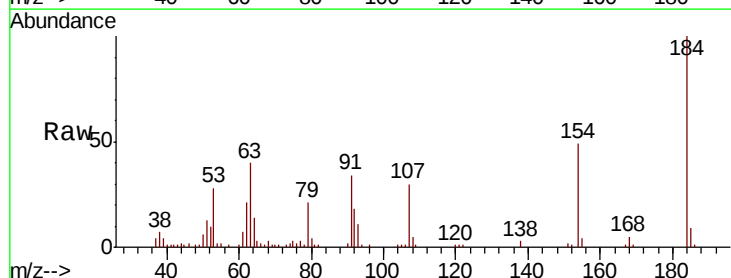
Tgt Ion:184 Resp: 57935

Ion Ratio Lower Upper

184 100

63 40.3 30.2 45.4

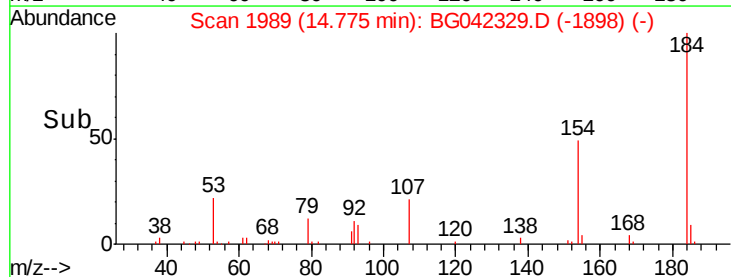
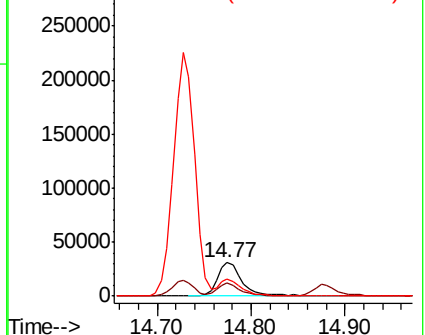
154 49.4 39.7 59.5

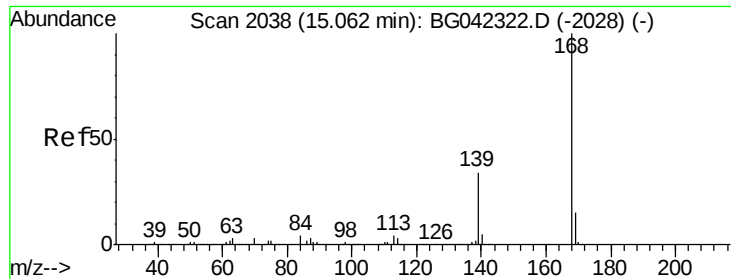


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

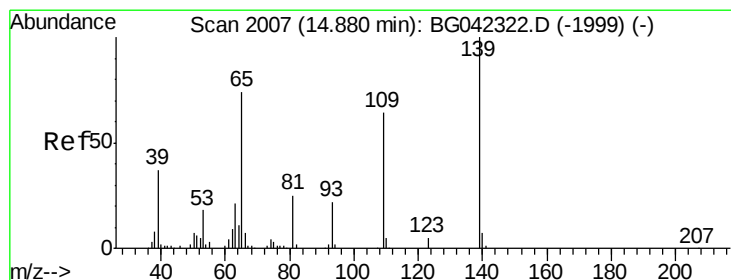
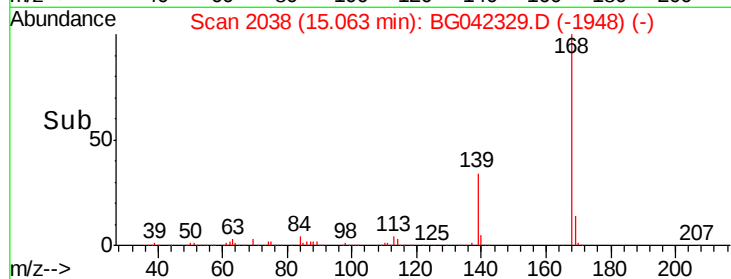
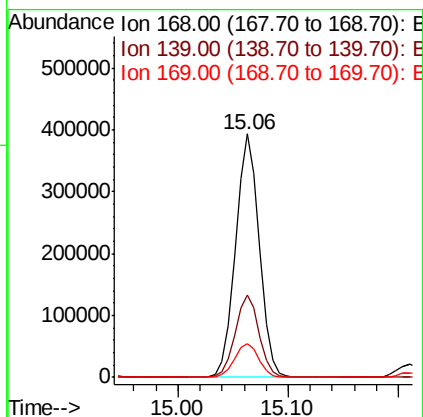
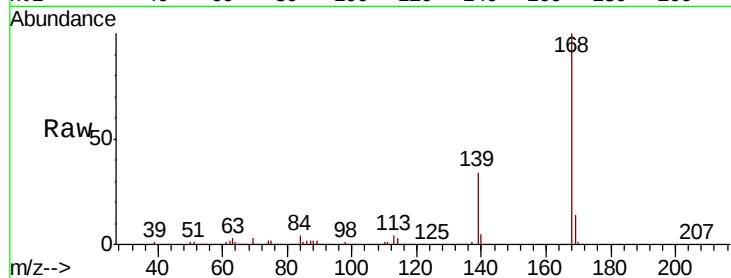




#55
Dibenzenofuran
Concen: 42.236 ng
RT: 15.06 min Scan# 2038
Delta R.T. 0.00 min
Lab File: BG042329.D
Acq: 19 Aug 2019 16:40

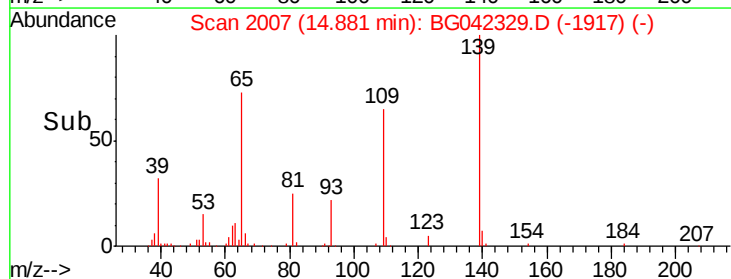
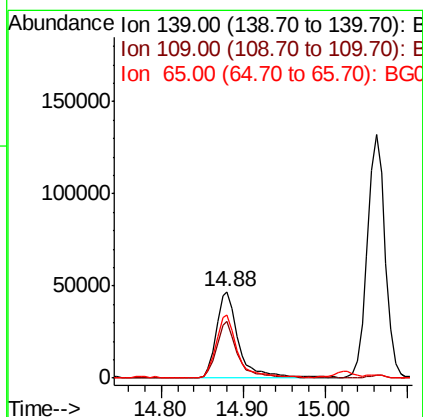
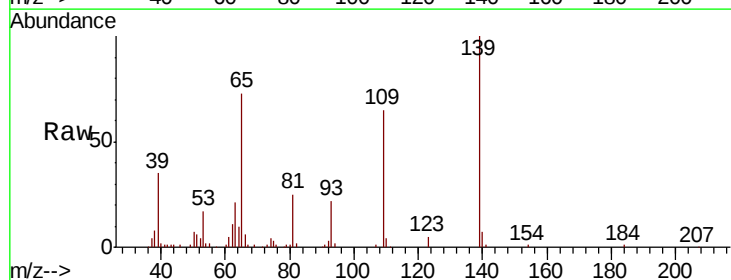
Instrument :
BNA_G
ClientSampleId :

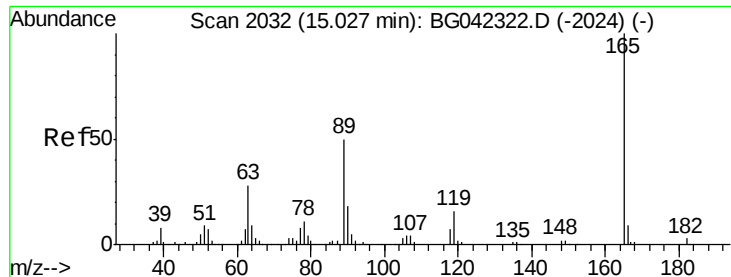
Tot Ion:168 Resp: 593547
Ion Ratio Lower Upper
168 100
139 33.6 27.6 41.4
169 14.0 11.7 17.5



#56
4-Nitrophenol
Concen: 44.861 ng
RT: 14.88 min Scan# 2007
Delta R.T. 0.00 min
Lab File: BG042329.D
Acq: 19 Aug 2019 16:40

Tgt Ion:139 Resp: 89516
Ion Ratio Lower Upper
139 100
109 65.1 44.0 84.0
65 73.2 54.5 94.5

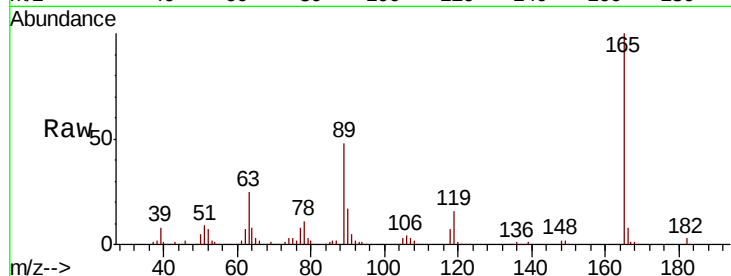




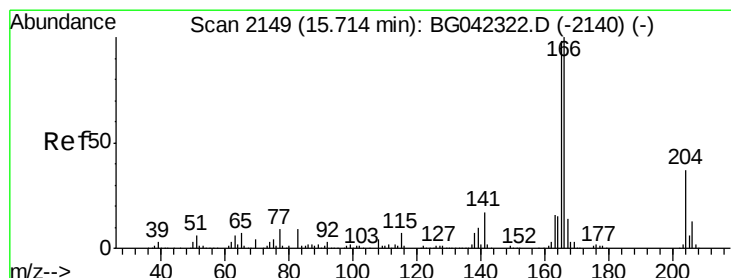
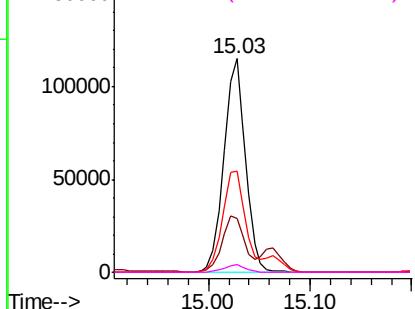
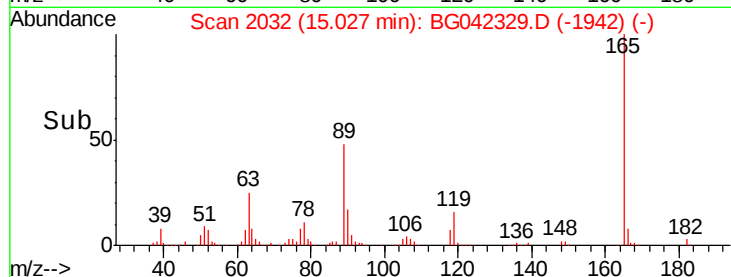
#57
 2,4-Dinitrotoluene
 Concen: 42.983 ng
 RT: 15.03 min Scan# 2032
 Delta R.T. 0.00 min
 Lab File: BG042329.D
 Acq: 19 Aug 2019 16:40

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165	Resp:	169047
Ion Ratio	Lower	Upper
165	100	
63	25.4	22.4 33.6
89	47.6	40.2 60.2
182	3.5	2.6 3.8

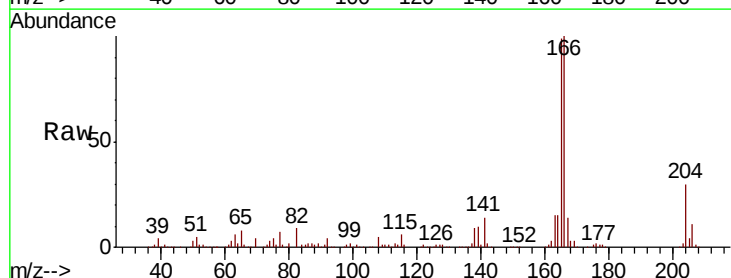


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

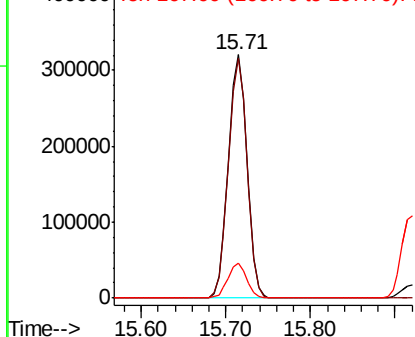
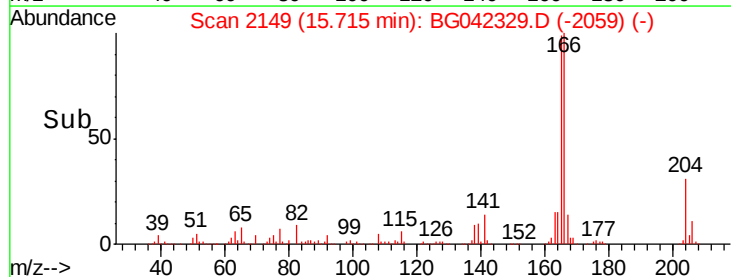


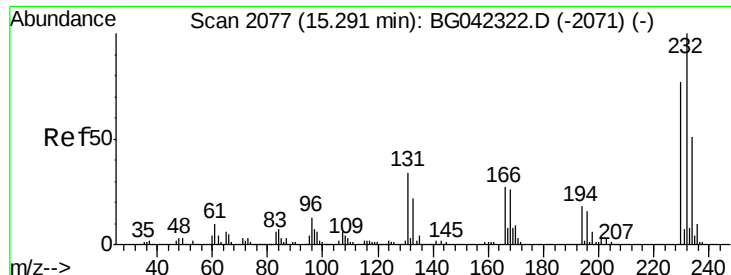
#58
 Fluorene
 Concen: 42.460 ng
 RT: 15.71 min Scan# 2149
 Delta R.T. 0.00 min
 Lab File: BG042329.D
 Acq: 19 Aug 2019 16:40

Tgt Ion:166	Resp:	485407
Ion Ratio	Lower	Upper
166	100	
165	98.6	78.7 118.1
167	14.4	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

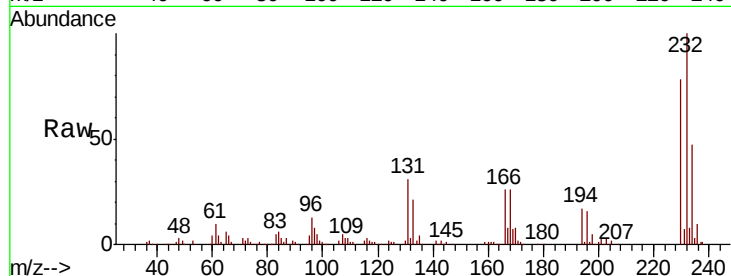




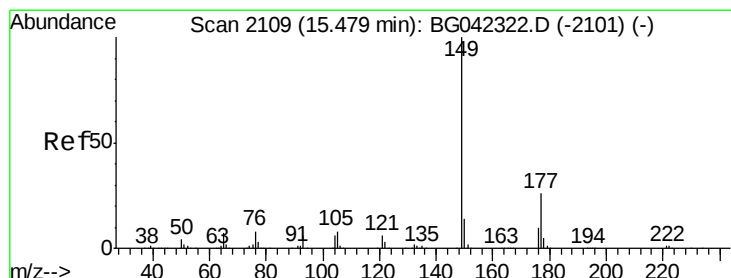
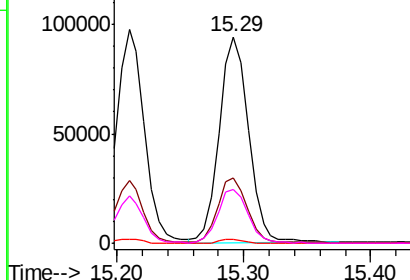
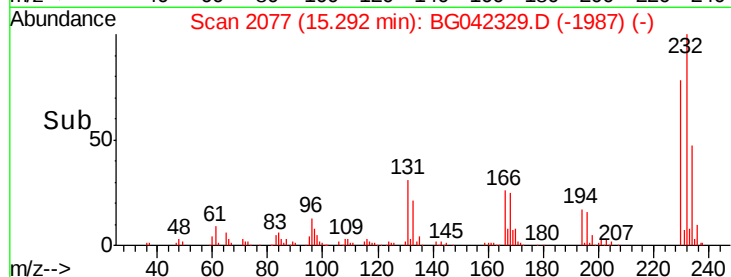
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.402 ng
 RT: 15.29 min Scan# 2077
 Delta R.T. 0.00 min
 Lab File: BG042329.D
 Acq: 19 Aug 2019 16:40

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:232	Resp:	151125
Ion Ratio	Lower	Upper
232	100	
131	31.8	27.0 40.6
130	1.6	1.4 2.0
166	27.3	21.3 31.9

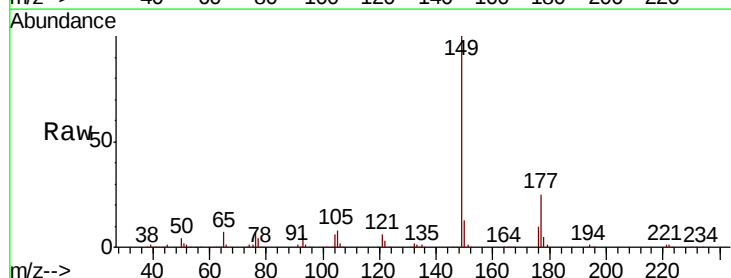


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

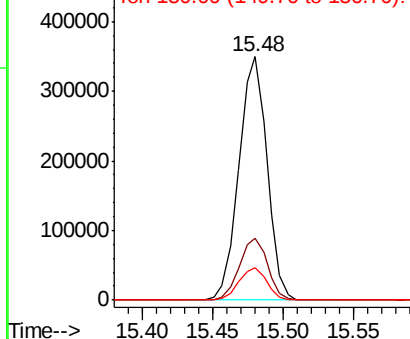
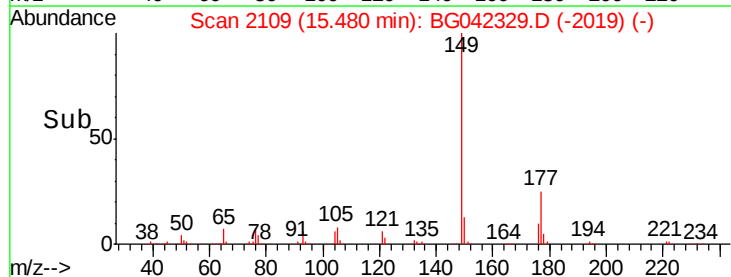


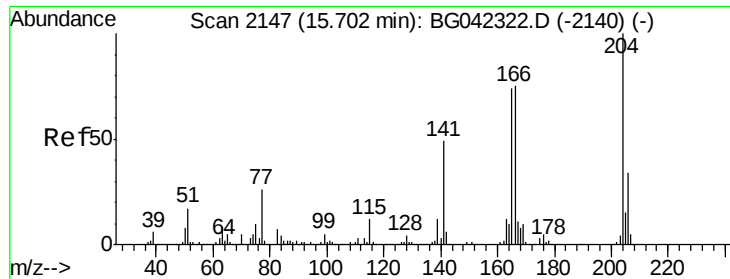
#60
 Diethylphthalate
 Concen: 41.838 ng
 RT: 15.48 min Scan# 2109
 Delta R.T. 0.00 min
 Lab File: BG042329.D
 Acq: 19 Aug 2019 16:40

Tgt Ion:149	Resp:	486492
Ion Ratio	Lower	Upper
149	100	
177	25.3	20.7 31.1
150	13.3	11.0 16.4



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

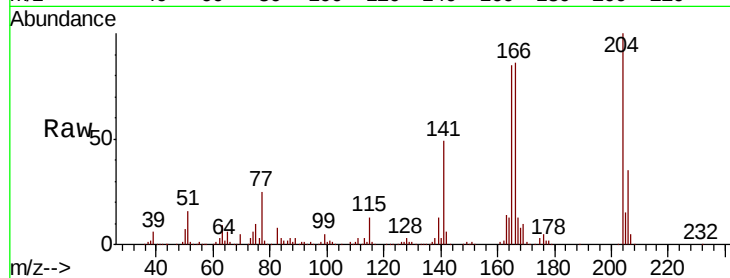




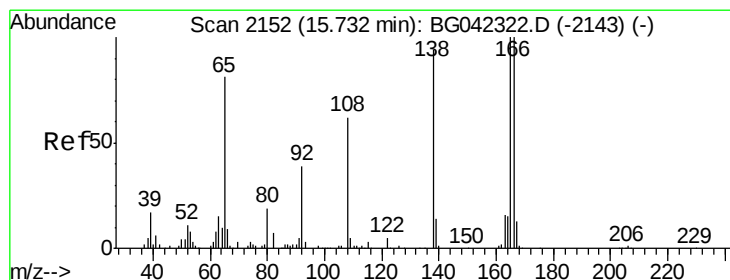
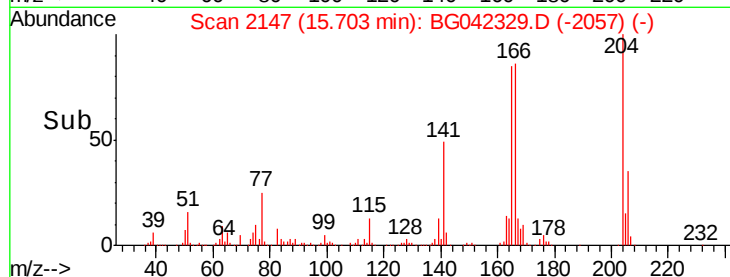
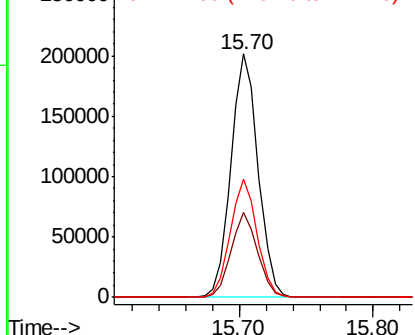
#61
4-Chlorophenyl-phenylether
Concen: 41.440 ng
RT: 15.70 min Scan# 2147
Delta R.T. 0.00 min
Lab File: BG042329.D
Acq: 19 Aug 2019 16:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion:204 Resp: 284487
Ion Ratio Lower Upper
204 100
206 35.0 27.5 41.3
141 48.6 38.8 58.2

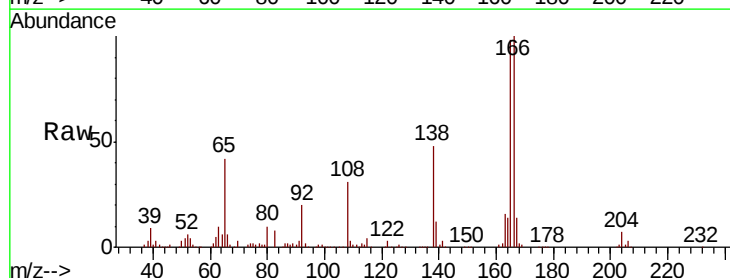


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

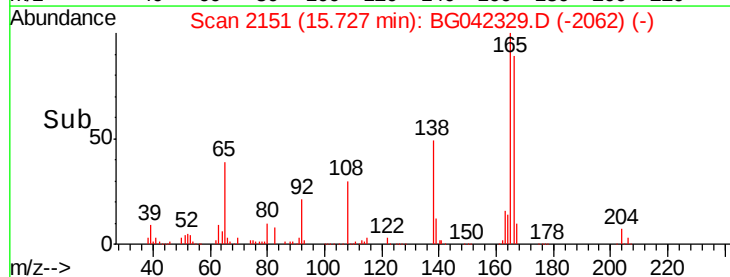
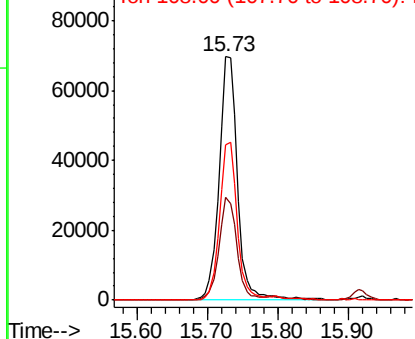


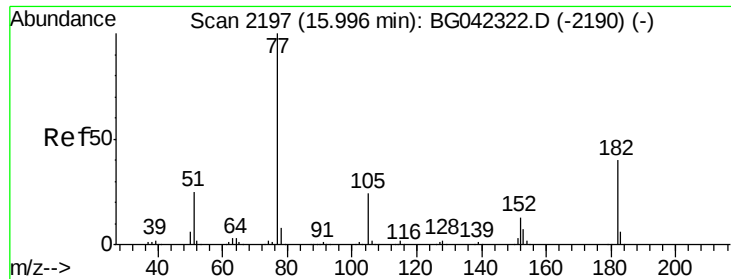
#62
4-Nitroaniline
Concen: 43.257 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BG042329.D
Acq: 19 Aug 2019 16:40

Tgt Ion:138 Resp: 126434
Ion Ratio Lower Upper
138 100
92 42.2 21.5 61.5
108 63.6 45.7 85.7



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

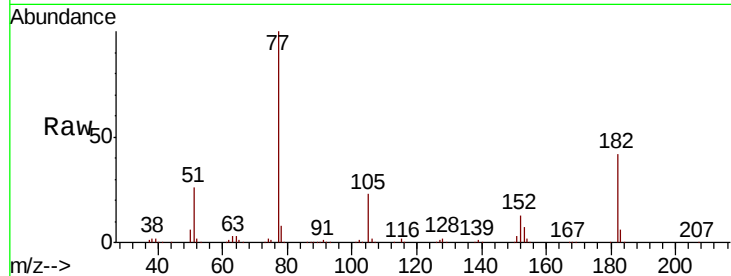




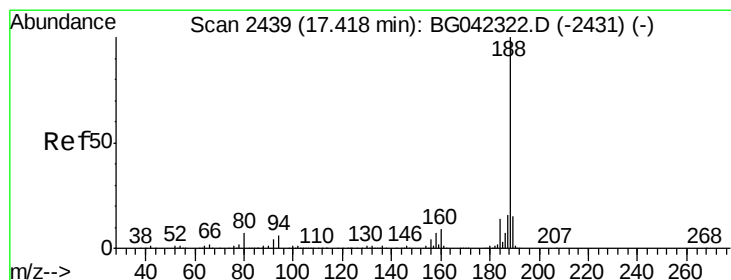
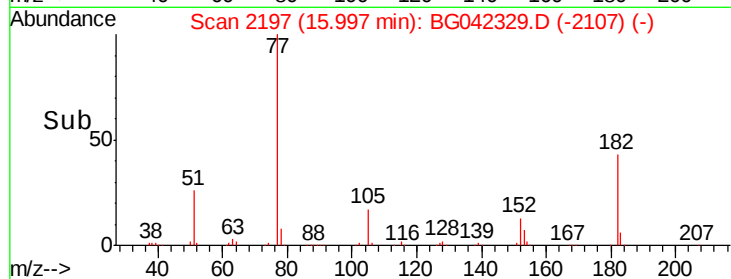
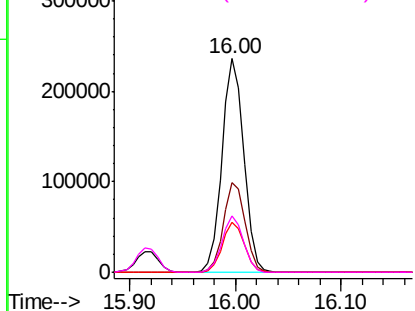
#63
Azobenzene
Concen: 41.862 ng
RT: 16.00 min Scan# 2197
Delta R.T. 0.00 min
Lab File: BG042329.D
Acq: 19 Aug 2019 16:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
77	100		
182	41.7	19.7	59.7
105	23.5	3.5	43.5
51	26.4	5.4	45.4

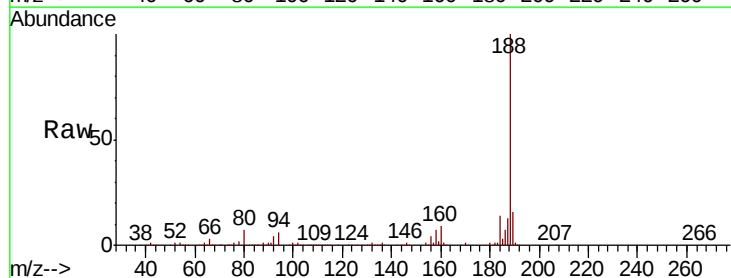


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

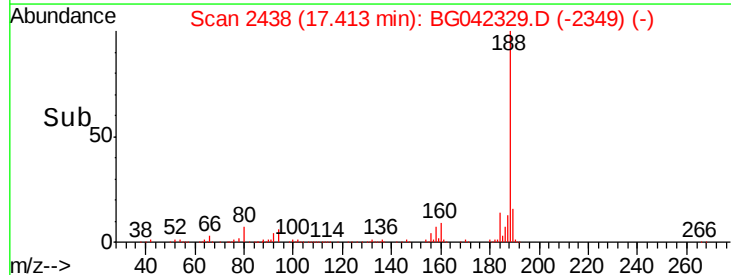
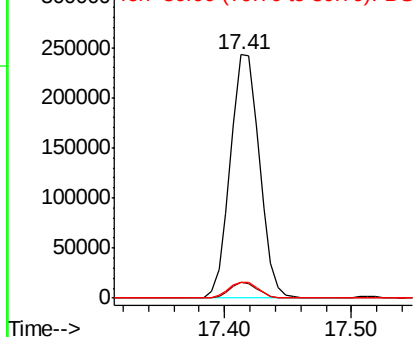


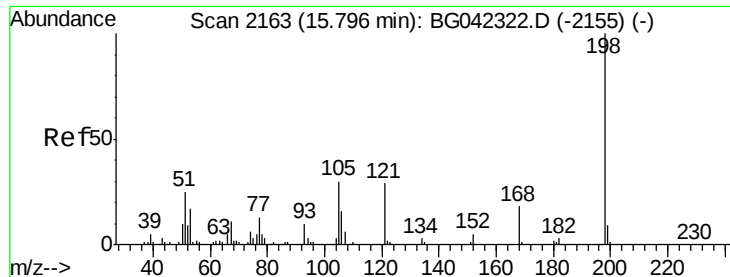
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG042329.D
Acq: 19 Aug 2019 16:40

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.4	4.9	7.3
80	6.6	5.4	8.0



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





#65

4,6-Dinitro-2-methylphenol

Concen: 39.040 ng

RT: 15.80 min Scan# 2163

Delta R.T. 0.00 min

Lab File: BG042329.D

Acq: 19 Aug 2019 16:40

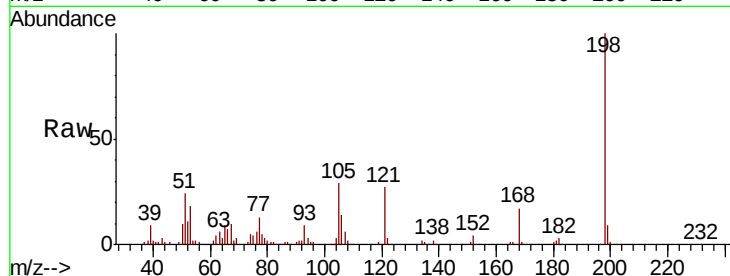
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 91903

Ion	Ratio	Lower	Upper
198	100		
51	24.1	6.4	46.4
105	28.9	10.0	50.0

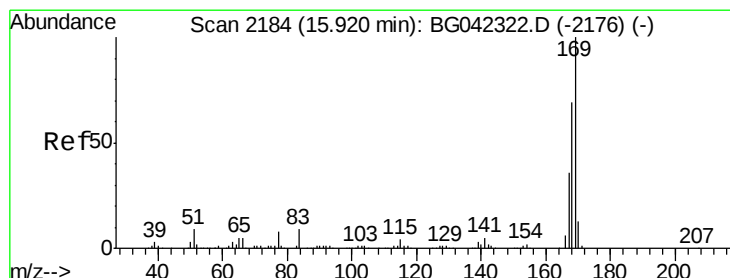
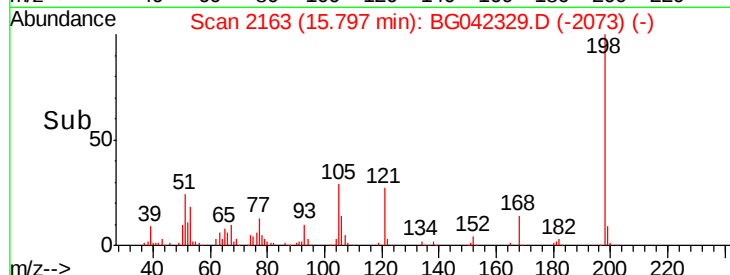
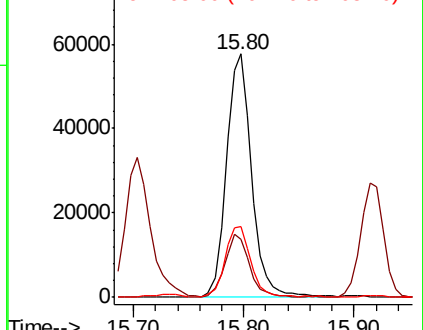


Abundance

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: 40.942 ng

RT: 15.92 min Scan# 2184

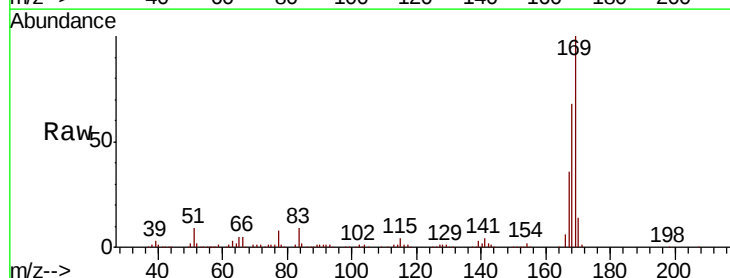
Delta R.T. 0.00 min

Lab File: BG042329.D

Acq: 19 Aug 2019 16:40

Tgt Ion:169 Resp: 442000

Ion	Ratio	Lower	Upper
169	100		
168	68.0	55.5	83.3
167	36.2	28.9	43.3

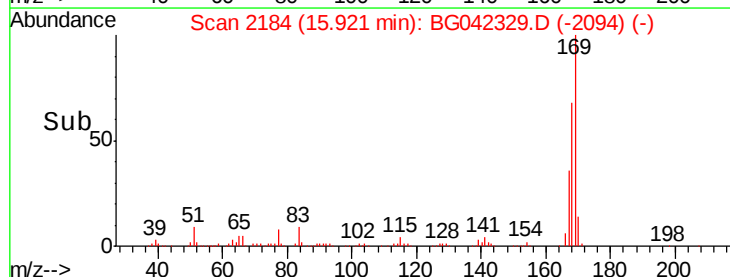
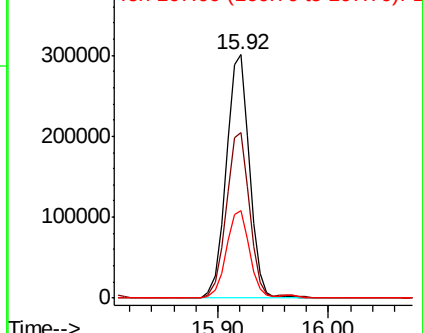


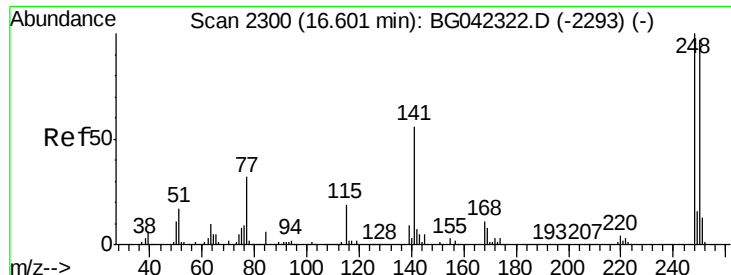
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

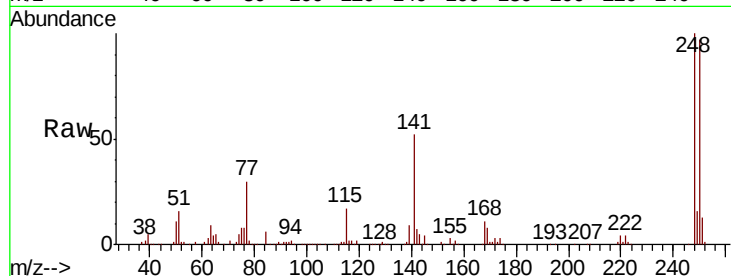




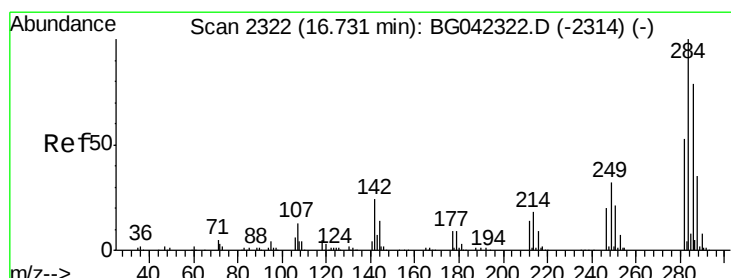
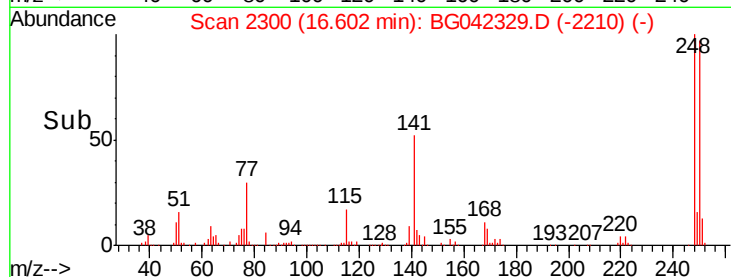
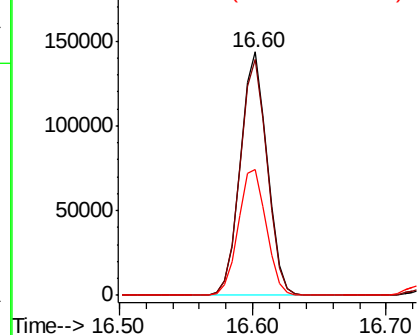
#67
 4-Bromophenyl-phenylether
 Concen: 40.682 ng
 RT: 16.60 min Scan# 2300
 Delta R.T. 0.00 min
 Lab File: BG042329.D
 Acq: 19 Aug 2019 16:40

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 199744
 Ion Ratio Lower Upper
 248 100
 250 96.7 78.0 117.0
 141 51.9 44.9 67.3

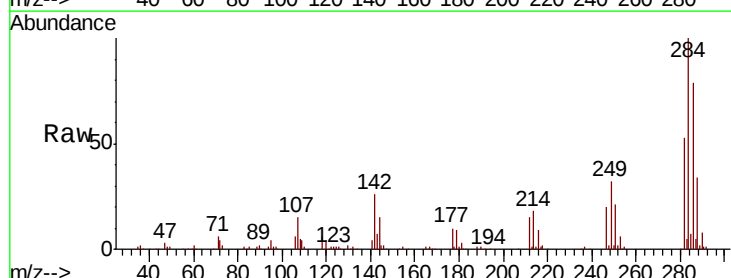


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

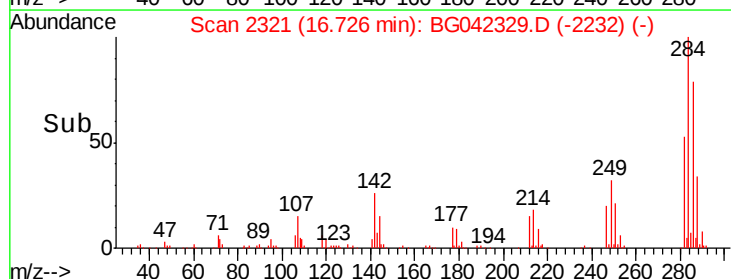
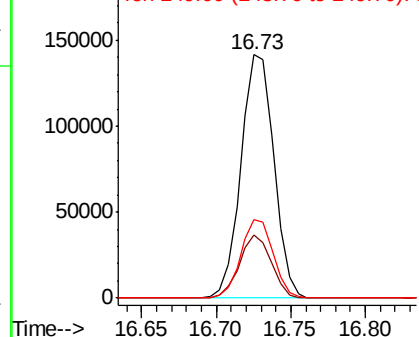


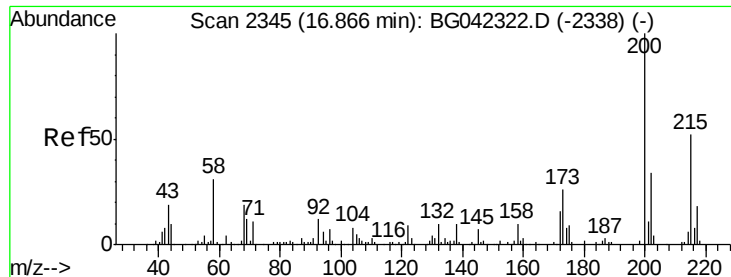
#68
 Hexachlorobenzene
 Concen: 41.246 ng
 RT: 16.73 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BG042329.D
 Acq: 19 Aug 2019 16:40

Tgt Ion:284 Resp: 216925
 Ion Ratio Lower Upper
 284 100
 142 25.9 19.0 28.4
 249 32.4 25.9 38.9



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

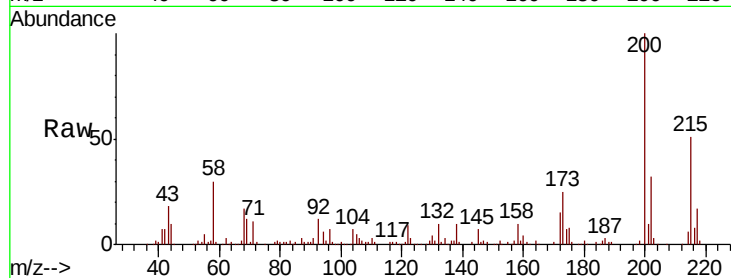




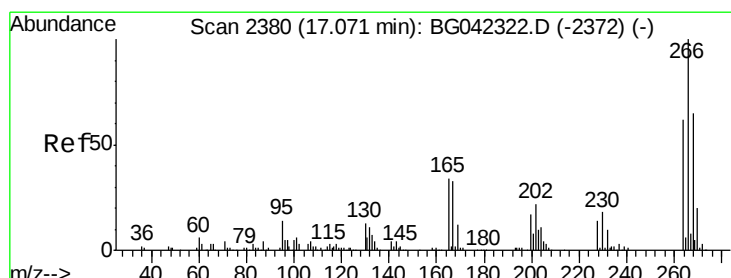
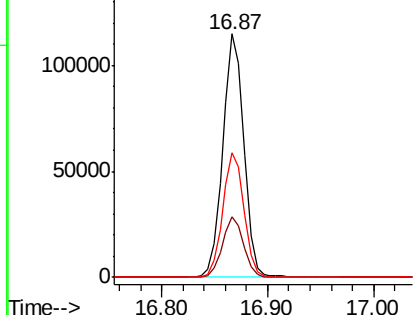
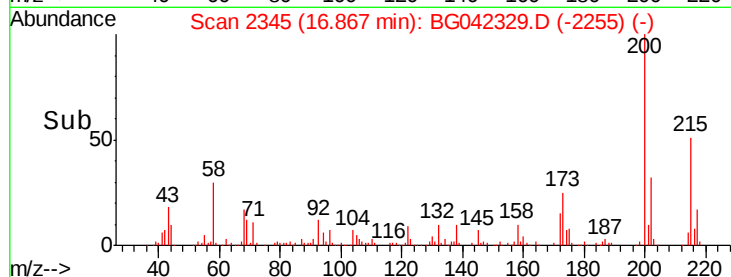
#69
 Atrazine
 Concen: 42.749 ng
 RT: 16.87 min Scan# 2345
 Delta R.T. 0.00 min
 Lab File: BG042329.D
 Acq: 19 Aug 2019 16:40

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:200 Resp: 158192
 Ion Ratio Lower Upper
 200 100
 173 25.0 6.0 46.0
 215 51.3 32.4 72.4

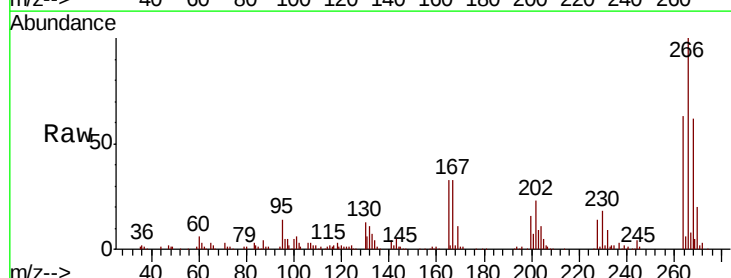


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

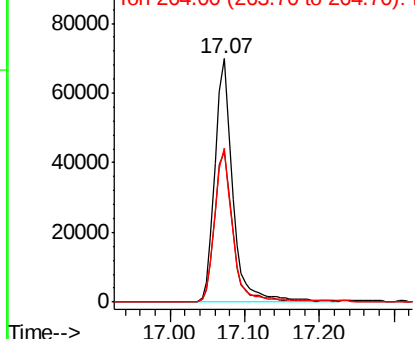
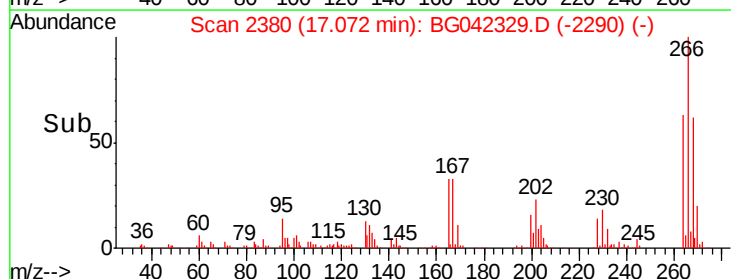


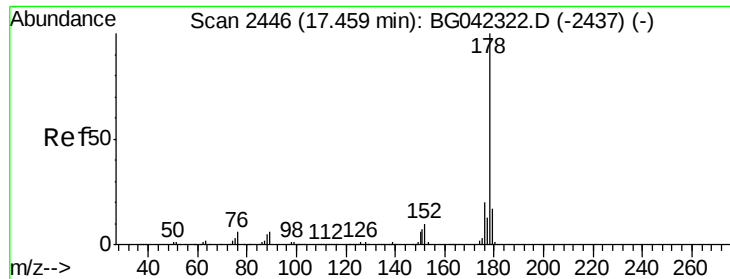
#70
 Pentachlorophenol
 Concen: 41.935 ng
 RT: 17.07 min Scan# 2380
 Delta R.T. 0.00 min
 Lab File: BG042329.D
 Acq: 19 Aug 2019 16:40

Tgt Ion:266 Resp: 117403
 Ion Ratio Lower Upper
 266 100
 268 61.8 51.6 77.4
 264 63.2 49.5 74.3



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

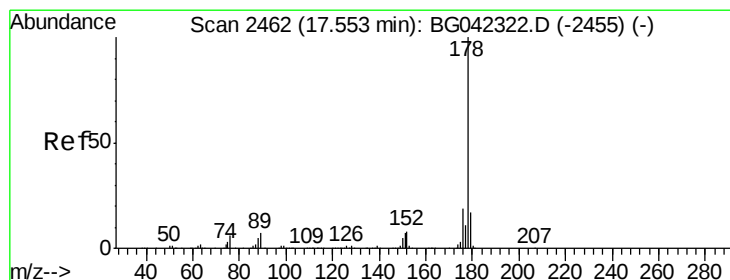
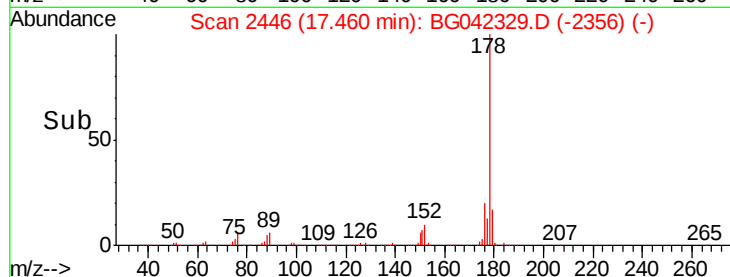
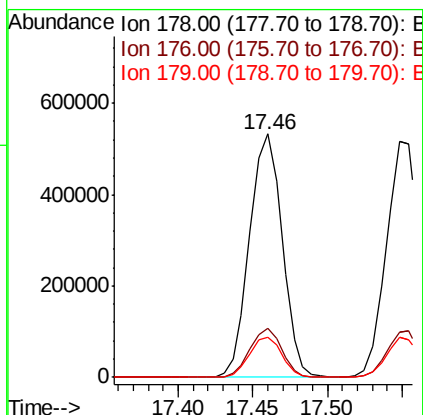
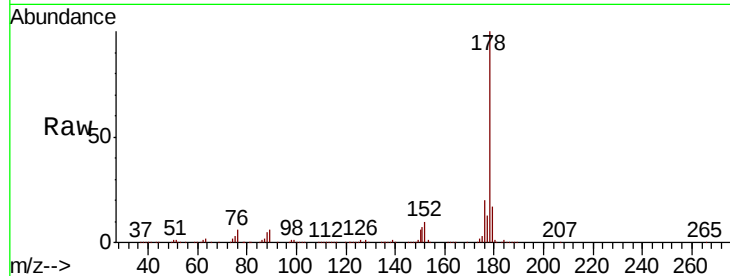




#71
Phenanthrene
Concen: 42.107 ng
RT: 17.46 min Scan# 2446
Delta R.T. 0.00 min
Lab File: BG042329.D
Acq: 19 Aug 2019 16:40

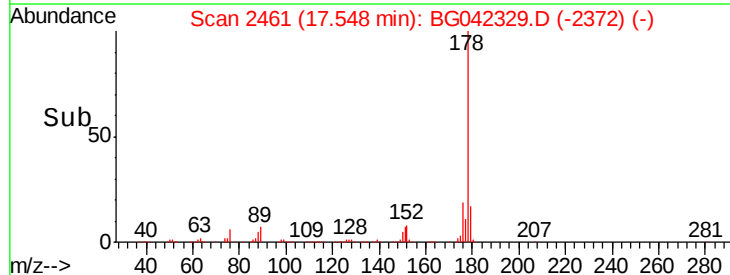
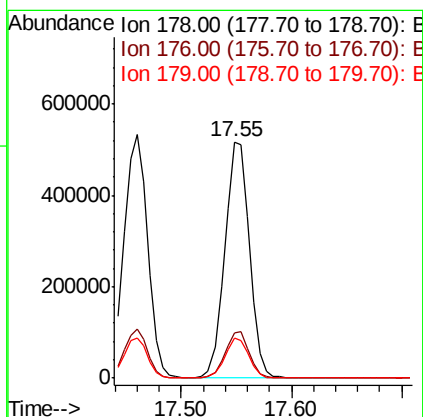
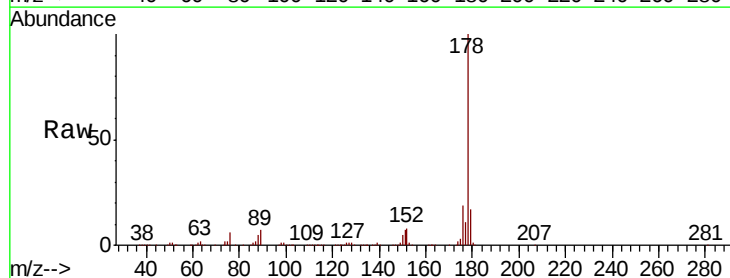
Instrument :
BNA_G
ClientSampleId :

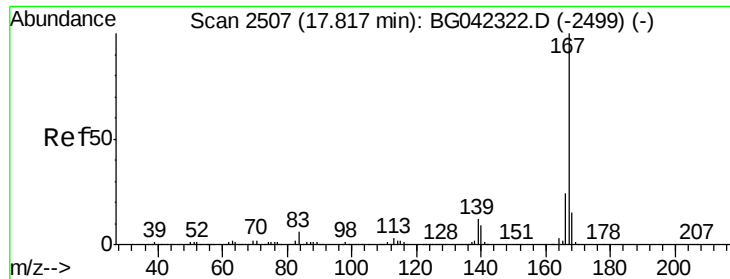
Tot Ion:178 Resp: 809096
Ion Ratio Lower Upper
178 100
176 20.0 16.2 24.4
179 16.6 13.7 20.5



#72
Anthracene
Concen: 42.119 ng
RT: 17.55 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BG042329.D
Acq: 19 Aug 2019 16:40

Tgt Ion:178 Resp: 807177
Ion Ratio Lower Upper
178 100
176 19.3 15.5 23.3
179 17.2 13.6 20.4

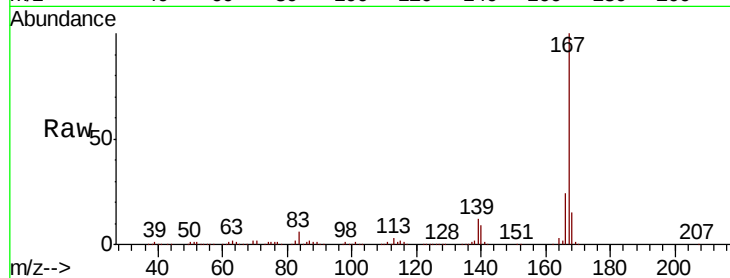




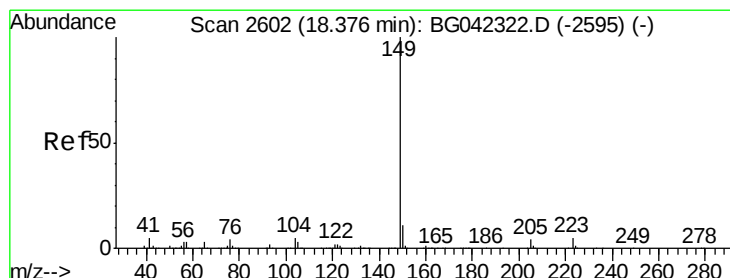
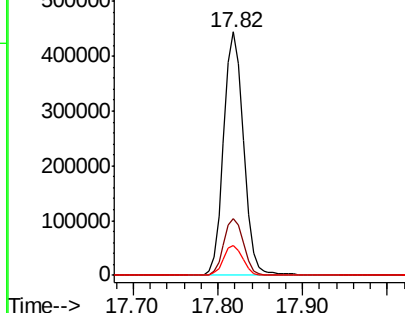
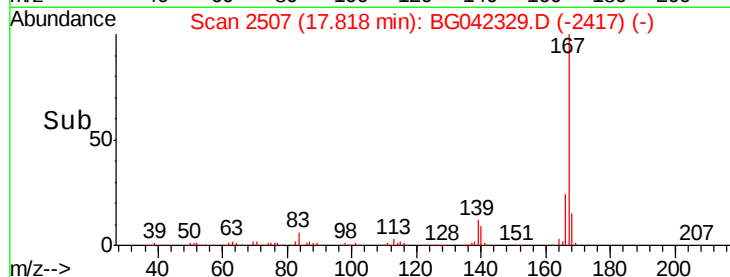
#73
 Carbazole
 Concen: 42.804 ng
 RT: 17.82 min Scan# 2507
 Delta R.T. 0.00 min
 Lab File: BG042329.D
 Acq: 19 Aug 2019 16:40

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.5	19.0	28.6
139	12.2	9.7	14.5

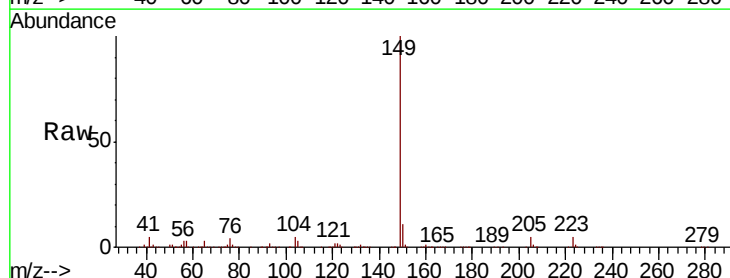


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

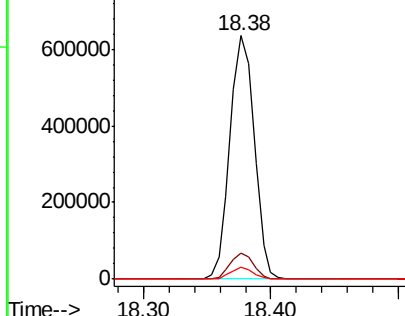
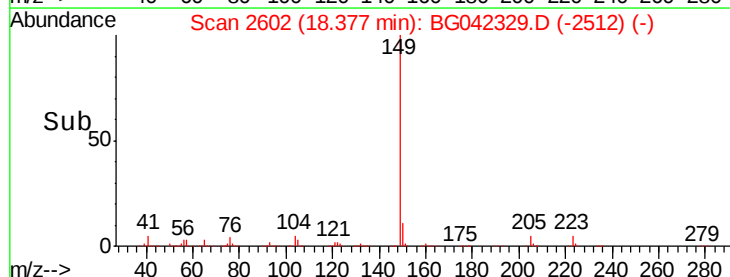


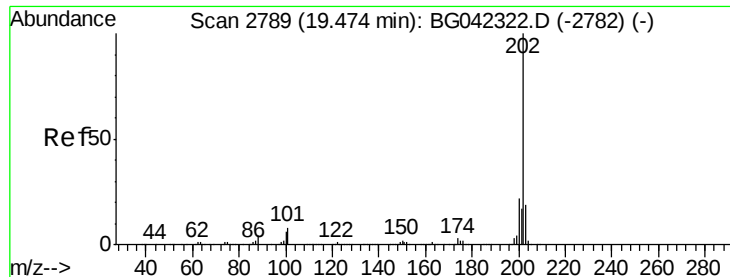
#74
 Di-n-butylphthalate
 Concen: 42.547 ng
 RT: 18.38 min Scan# 2602
 Delta R.T. 0.00 min
 Lab File: BG042329.D
 Acq: 19 Aug 2019 16:40

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.9	8.4	12.6
104	4.7	3.7	5.5



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: 43.153 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.01 min

Lab File: BG042329.D

Acq: 19 Aug 2019 16:40

Instrument :

BNA_G

ClientSampleId :

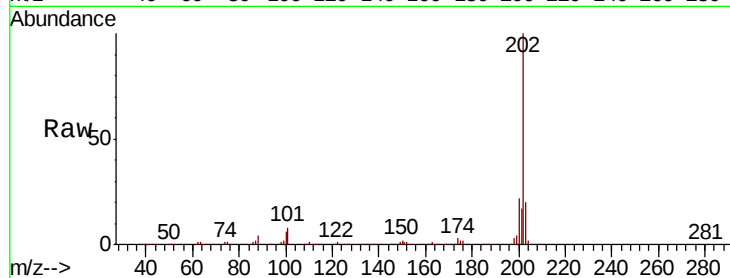
Tot Ion:202 Resp: 999899

Ion Ratio Lower Upper

202 100

101 8.5 0.0 28.0

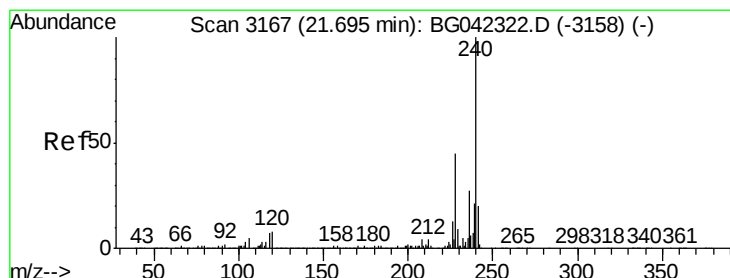
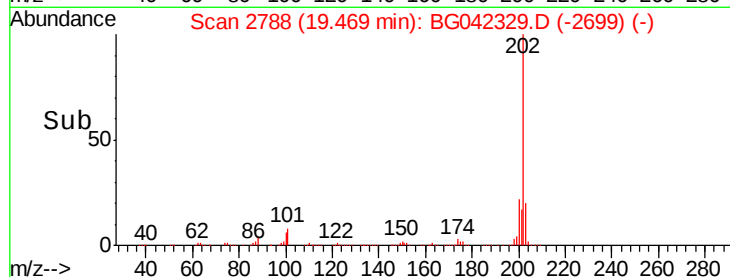
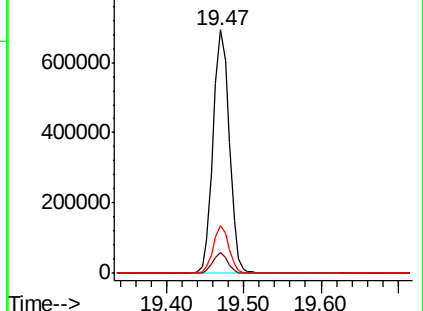
203 19.5 0.0 39.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3167

Delta R.T. 0.00 min

Lab File: BG042329.D

Acq: 19 Aug 2019 16:40

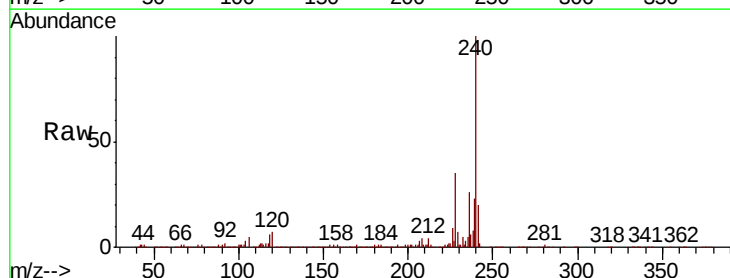
Tgt Ion:240 Resp: 386545

Ion Ratio Lower Upper

240 100

120 6.7 6.0 9.0

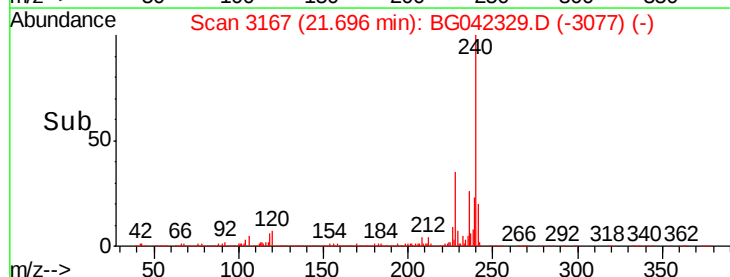
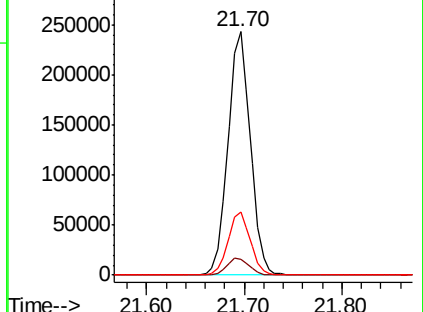
236 25.7 21.6 32.4

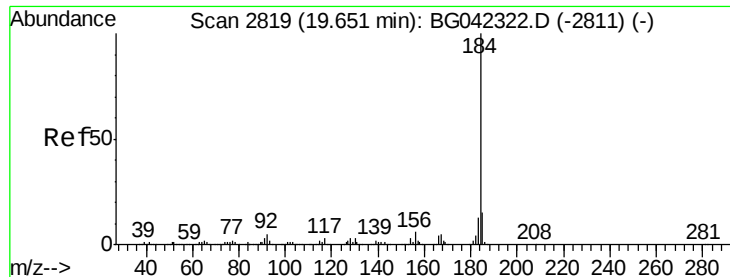


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

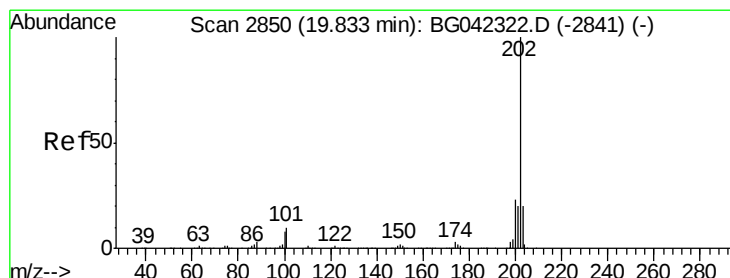
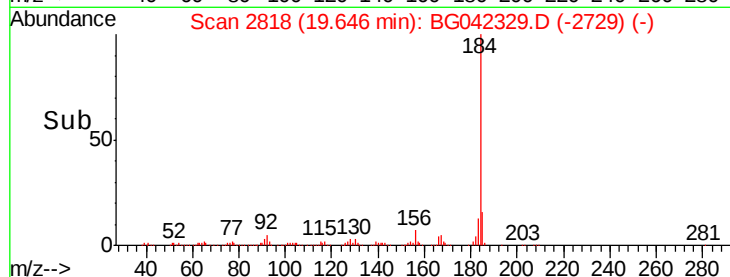
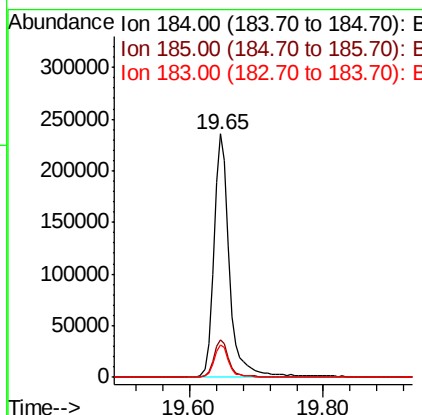
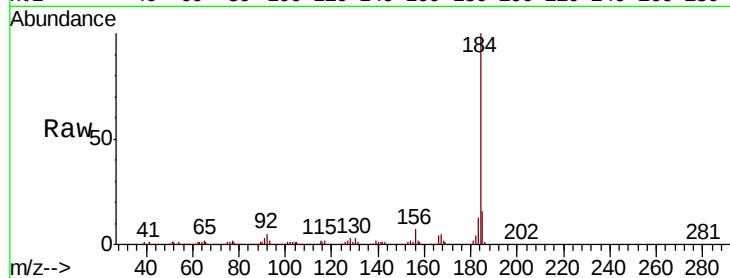




#77
Benzidine
Concen: 37.853 ng
RT: 19.65 min Scan# 2818
Delta R.T. -0.01 min
Lab File: BG042329.D
Acq: 19 Aug 2019 16:40

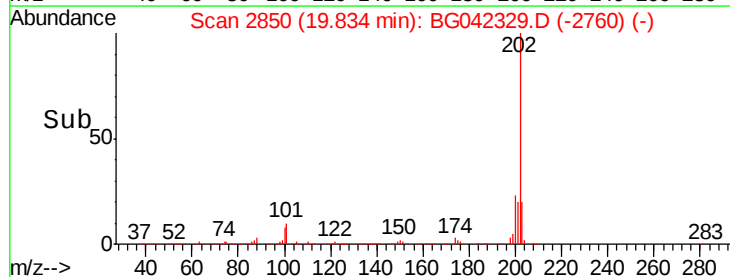
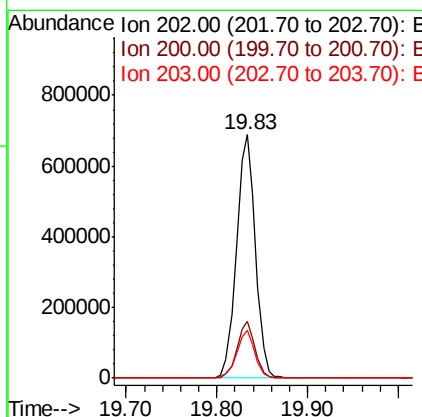
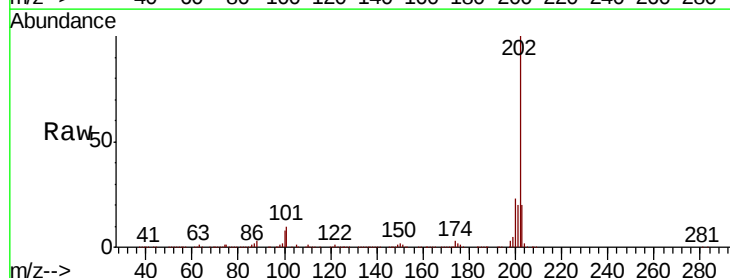
Instrument :
BNA_G
ClientSampleId :

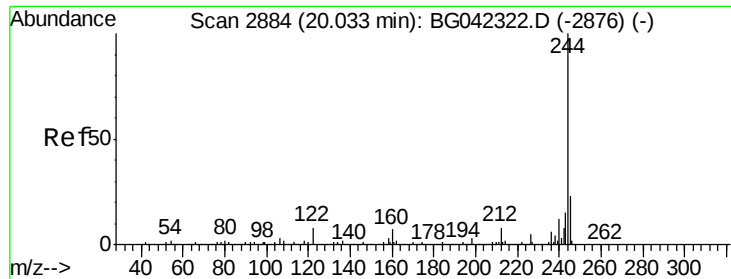
Tot Ion:184 Resp: 387947
Ion Ratio Lower Upper
184 100
185 15.5 11.8 17.6
183 13.3 10.6 15.8



#78
Pyrene
Concen: 42.162 ng
RT: 19.83 min Scan# 2850
Delta R.T. 0.00 min
Lab File: BG042329.D
Acq: 19 Aug 2019 16:40

Tgt Ion:202 Resp: 1002824
Ion Ratio Lower Upper
202 100
200 23.1 18.1 27.1
203 19.6 15.8 23.8





#79

Terphenyl-d14

Concen: 82.507 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.01 min

Lab File: BG042329.D

Acq: 19 Aug 2019 16:40

Instrument :

BNA_G

ClientSampleId :

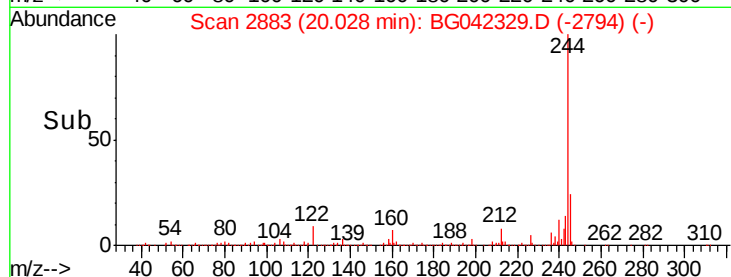
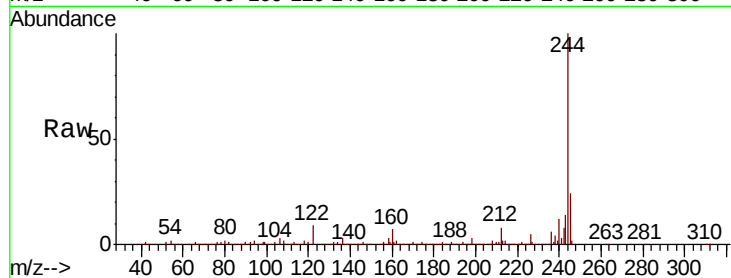
Tot Ion:244 Resp: 1456104

Ion Ratio Lower Upper

244 100

212 8.1 6.4 9.6

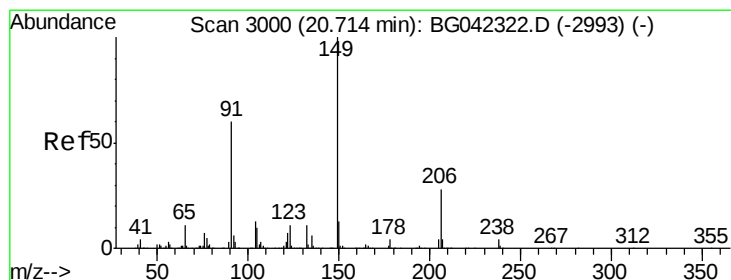
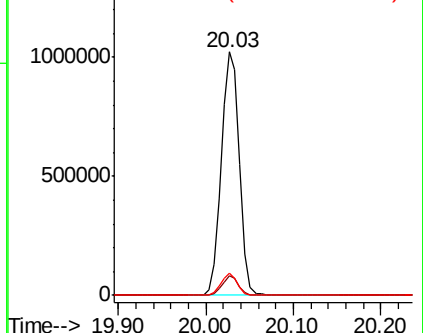
122 8.9 6.6 10.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.492 ng

RT: 20.71 min Scan# 3000

Delta R.T. 0.00 min

Lab File: BG042329.D

Acq: 19 Aug 2019 16:40

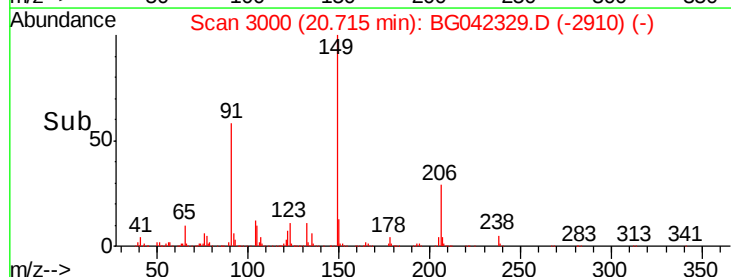
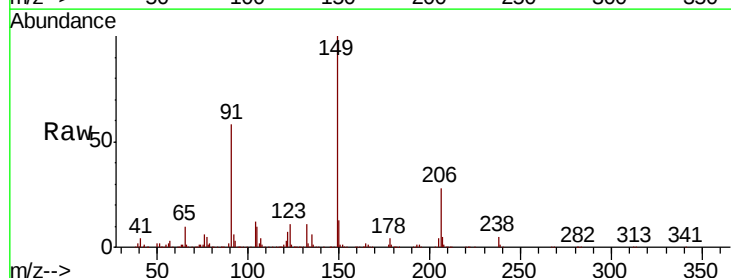
Tgt Ion:149 Resp: 391134

Ion Ratio Lower Upper

149 100

91 57.6 47.8 71.6

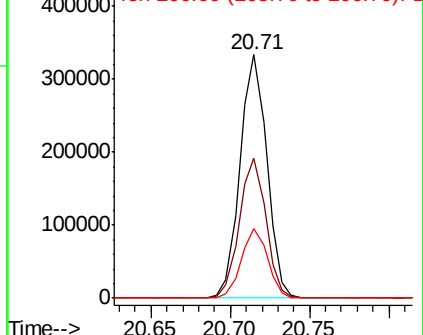
206 28.5 22.6 33.8

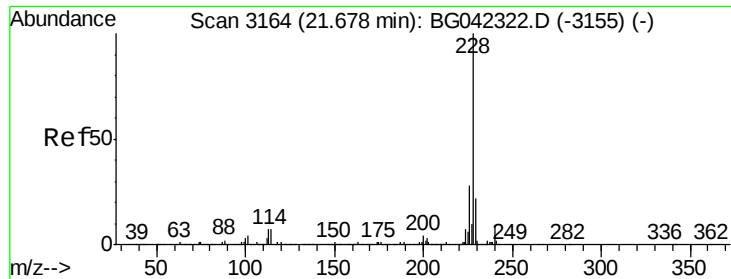


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.025 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BG042329.D

Acq: 19 Aug 2019 16:40

Instrument :

BNA_G

ClientSampleId :

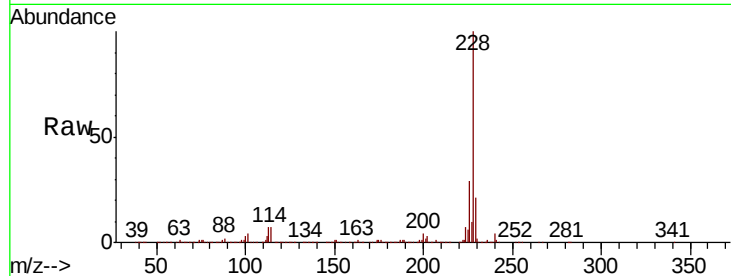
Tot Ion:228 Resp: 997605

Ion Ratio Lower Upper

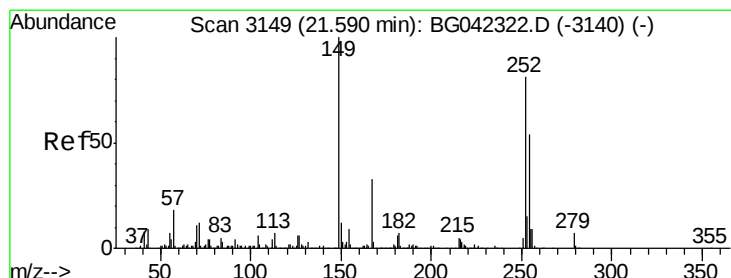
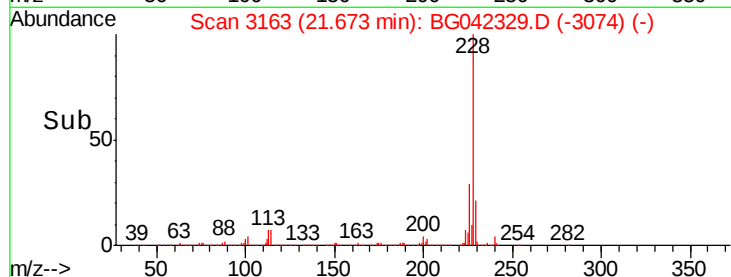
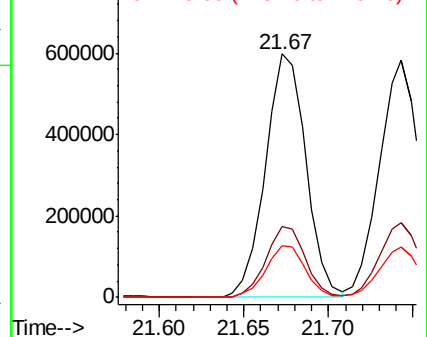
228 100

226 29.3 22.7 34.1

229 21.2 17.4 26.2



Abundance Ion 228.00 (227.70 to 228.70): E
800000 Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 40.074 ng

RT: 21.58 min Scan# 3148

Delta R.T. -0.01 min

Lab File: BG042329.D

Acq: 19 Aug 2019 16:40

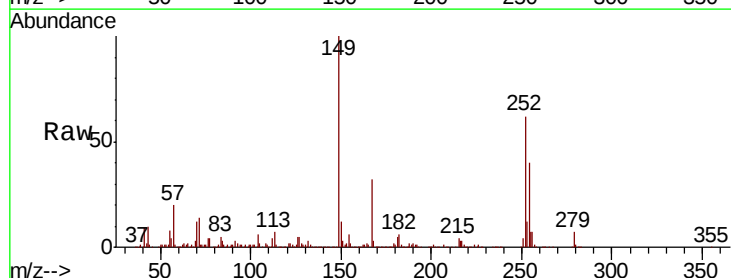
Tgt Ion:252 Resp: 378637

Ion Ratio Lower Upper

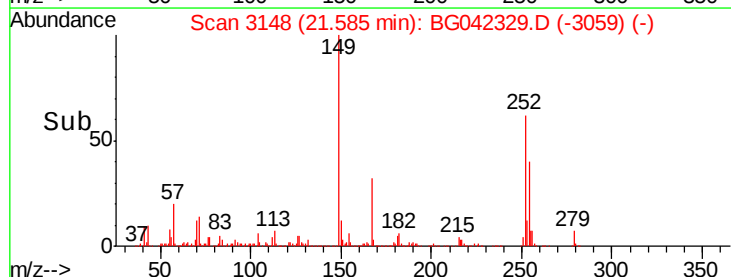
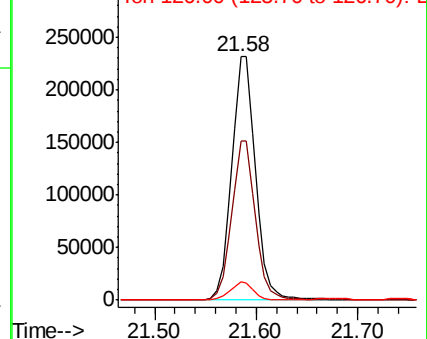
252 100

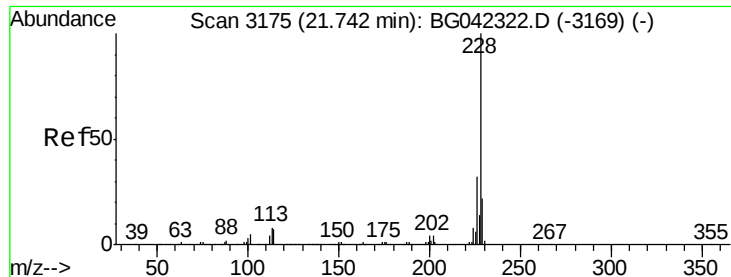
254 65.1 53.0 79.6

126 7.7 6.2 9.2



Abundance Ion 252.00 (251.70 to 252.70): E
300000 Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E

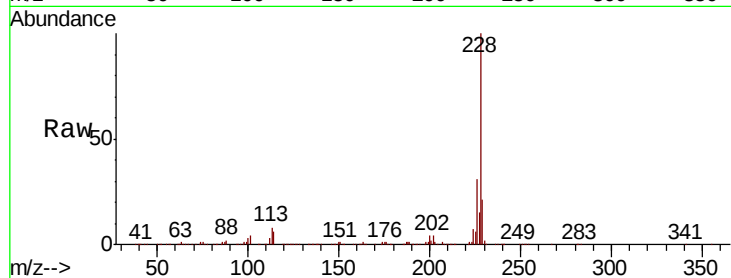




#83
 Chrysene
 Concen: 42.678 ng
 RT: 21.74 min Scan# 3175
 Delta R.T. 0.00 min
 Lab File: BG042329.D
 Acq: 19 Aug 2019 16:40

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.6	38.4
229	21.2	17.8	26.6

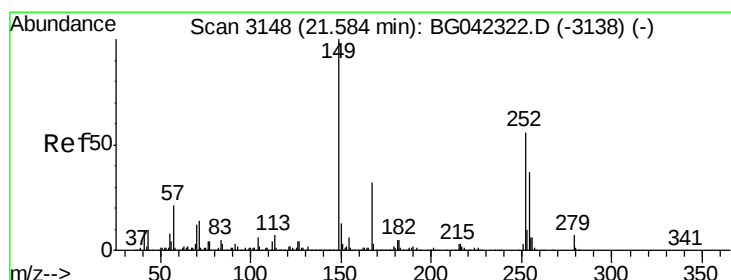
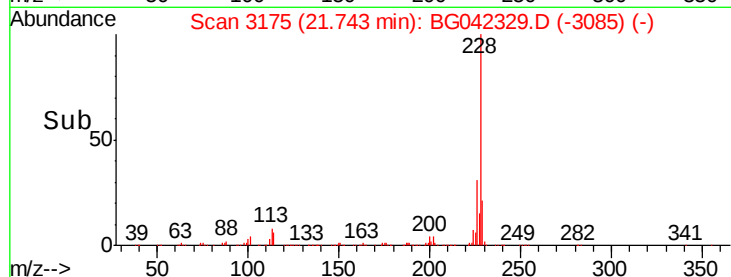
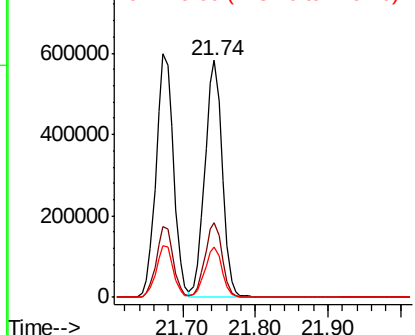


Abundance

Ion 228.00 (227.70 to 228.70): E

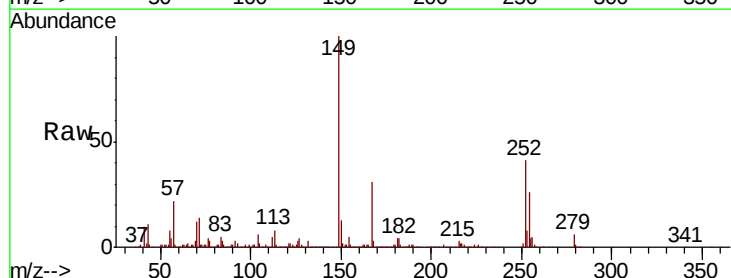
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.220 ng
 RT: 21.58 min Scan# 3147
 Delta R.T. -0.01 min
 Lab File: BG042329.D
 Acq: 19 Aug 2019 16:40

Tgt Ion	Ratio	Lower	Upper
149	100		
167	31.2	25.4	38.0
279	6.3	5.8	8.6

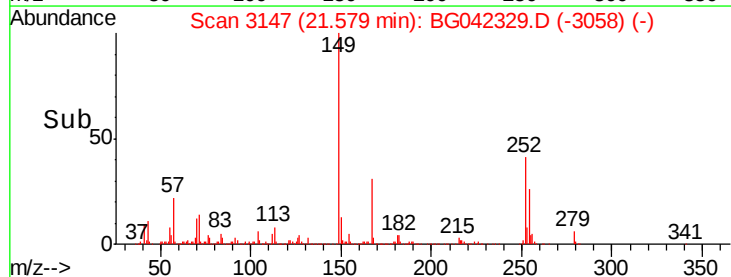
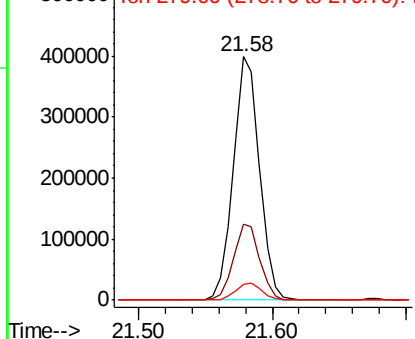


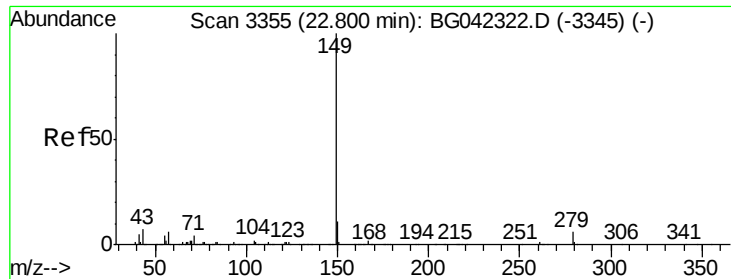
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

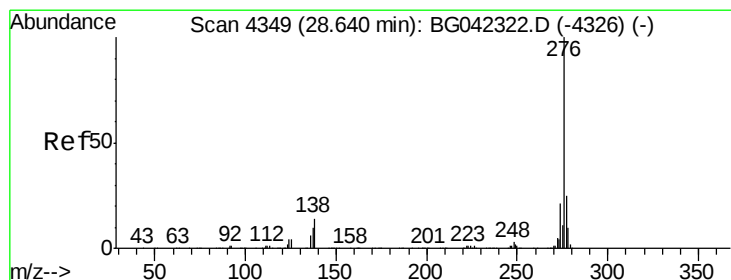
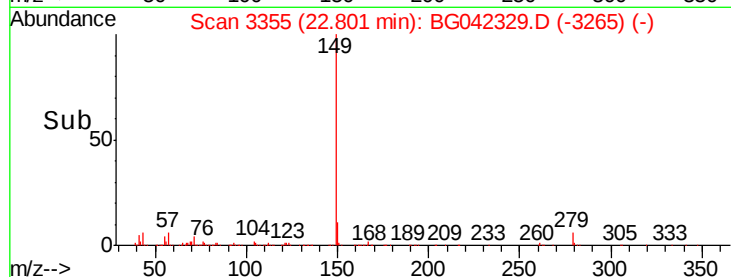
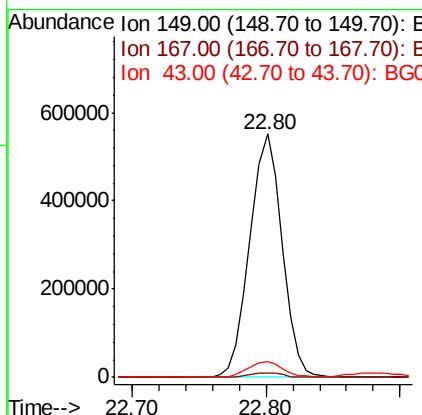
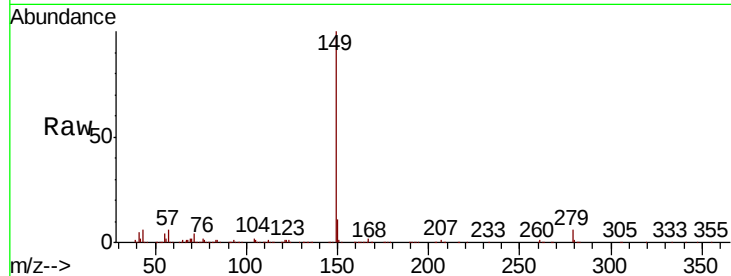




#85
Di-n-octyl phthalate
Concen: 41.138 ng
RT: 22.80 min Scan# 3355
Delta R.T. 0.00 min
Lab File: BG042329.D
Acq: 19 Aug 2019 16:40

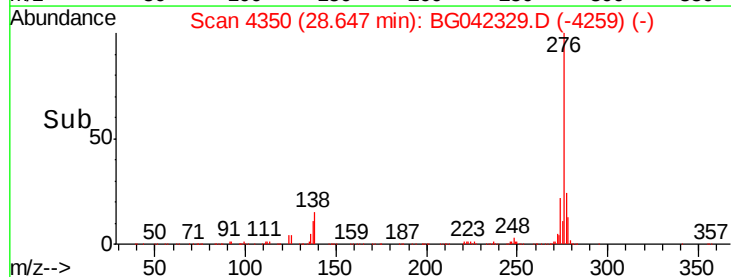
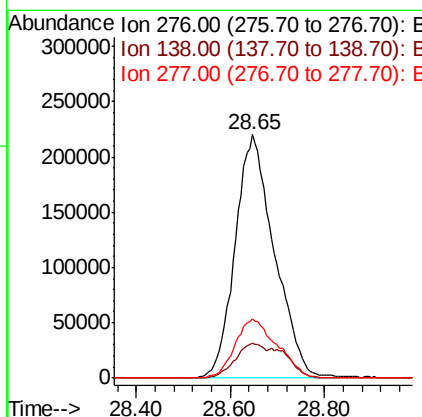
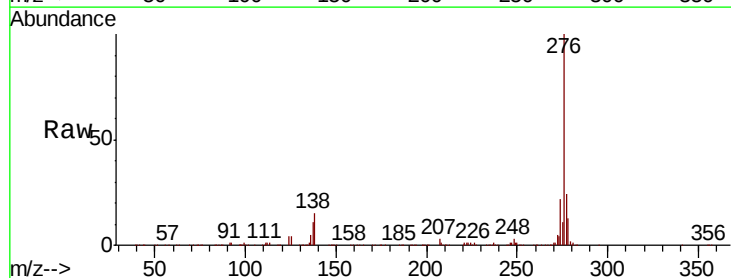
Instrument :
BNA_G
ClientSampleId :

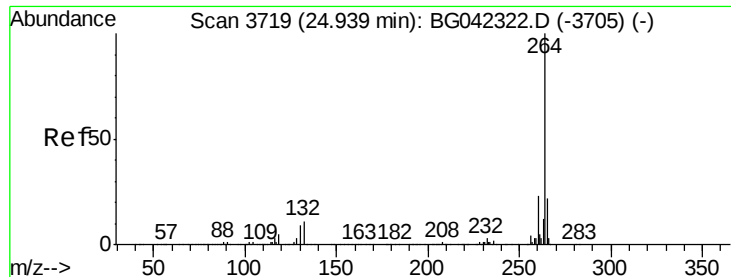
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.4	2.2
43	6.9	5.4	8.2



#86
Indeno(1,2,3-cd)pyrene
Concen: 42.105 ng
RT: 28.65 min Scan# 4350
Delta R.T. 0.01 min
Lab File: BG042329.D
Acq: 19 Aug 2019 16:40

Tgt Ion	Ratio	Lower	Upper
276	100		
138	10.5	14.5	21.7#
277	26.2	21.0	31.4





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.93 min Scan# 3718

Delta R.T. -0.01 min

Lab File: BG042329.D

Acq: 19 Aug 2019 16:40

Instrument :

BNA_G

ClientSampleId :

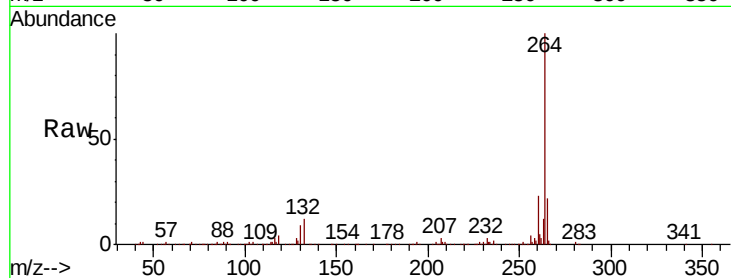
Tot Ion:264 Resp: 474725

Ion Ratio Lower Upper

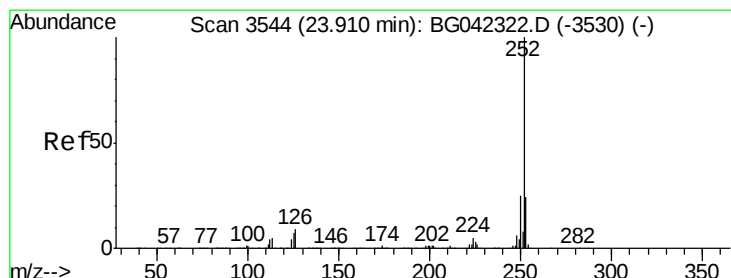
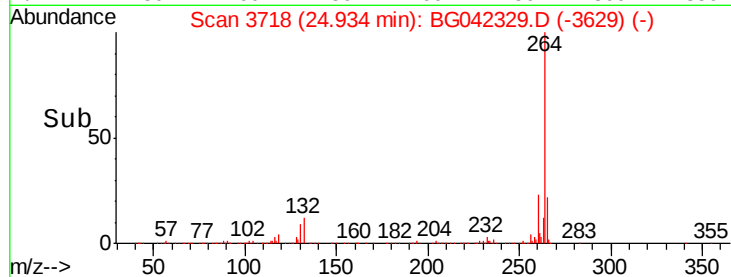
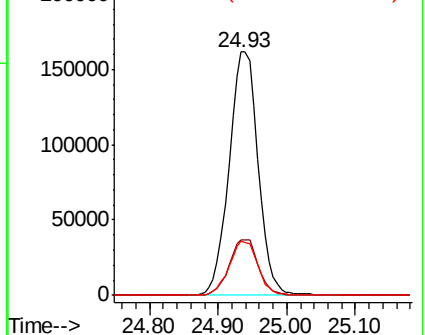
264 100

260 22.9 18.4 27.6

265 22.5 17.4 26.0



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: 41.040 ng

RT: 23.91 min Scan# 3544

Delta R.T. 0.00 min

Lab File: BG042329.D

Acq: 19 Aug 2019 16:40

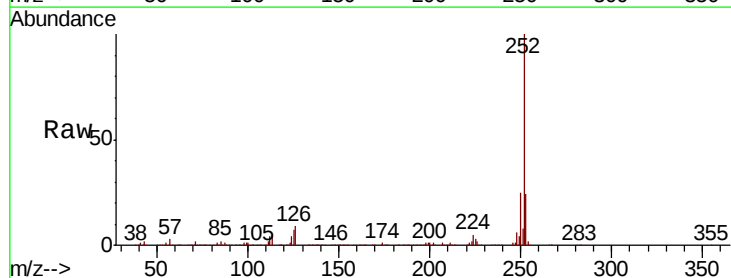
Tgt Ion:252 Resp: 1070880

Ion Ratio Lower Upper

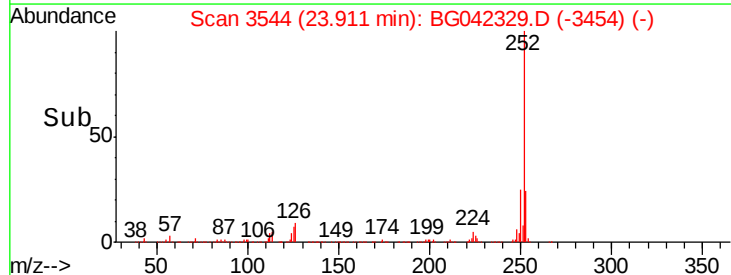
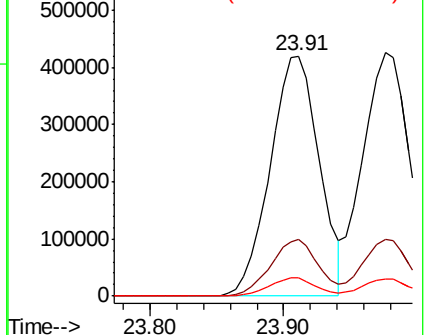
252 100

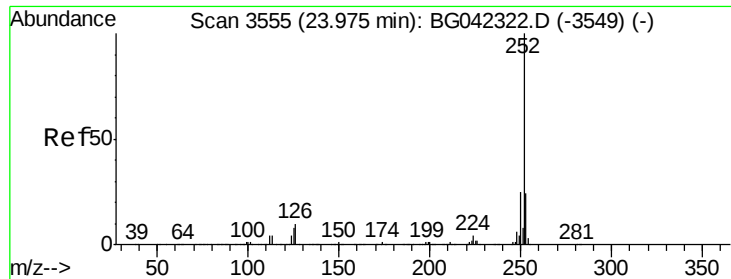
253 23.6 18.9 28.3

125 7.5 5.8 8.6



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: 40.772 ng

RT: 23.98 min Scan# 3555

Delta R.T. 0.00 min

Lab File: BG042329.D

Acq: 19 Aug 2019 16:40

Instrument :

BNA_G

ClientSampled :

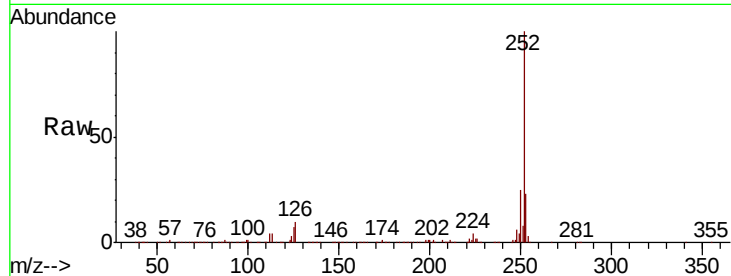
Tot Ion:252 Resp: 1039936

Ion Ratio Lower Upper

252 100

253 23.1 19.0 28.4

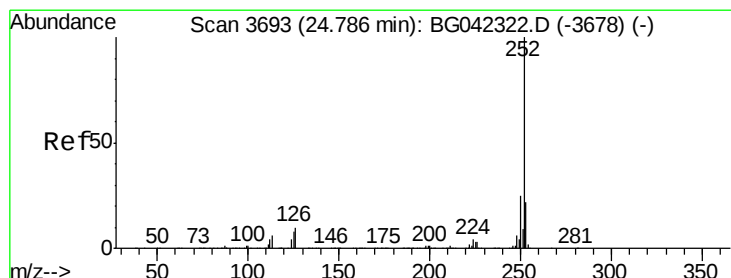
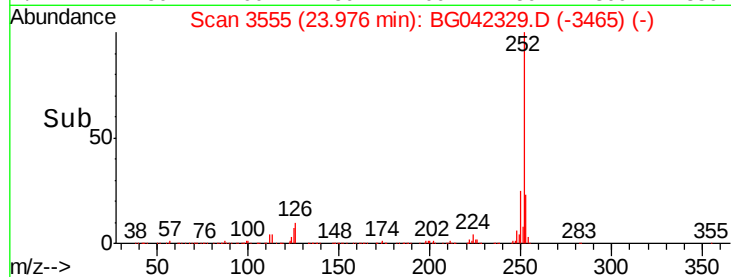
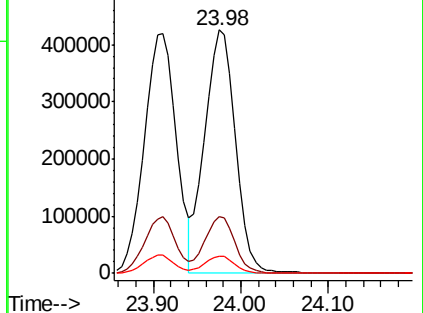
125 7.2 6.0 9.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 41.575 ng

RT: 24.79 min Scan# 3693

Delta R.T. 0.00 min

Lab File: BG042329.D

Acq: 19 Aug 2019 16:40

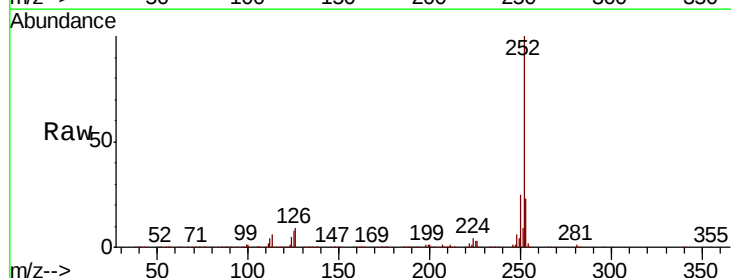
Tgt Ion:252 Resp: 1039486

Ion Ratio Lower Upper

252 100

253 23.1 17.9 26.9

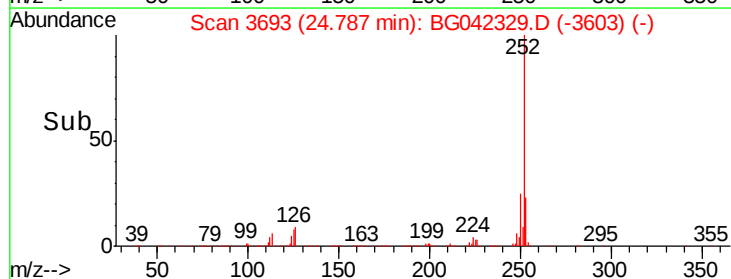
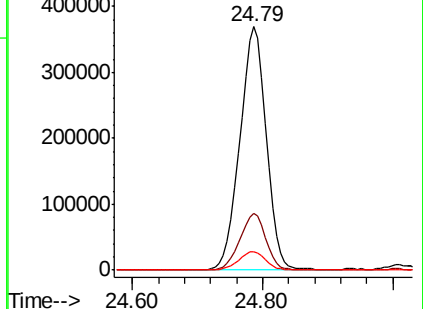
125 7.8 6.7 10.1

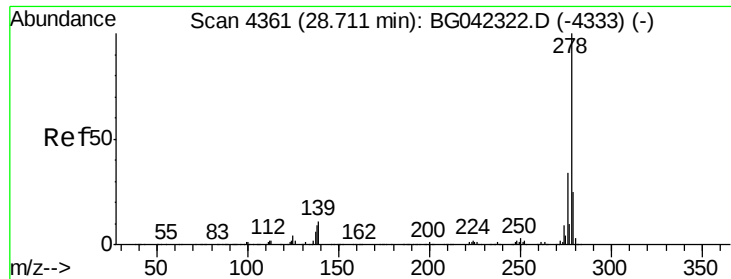


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



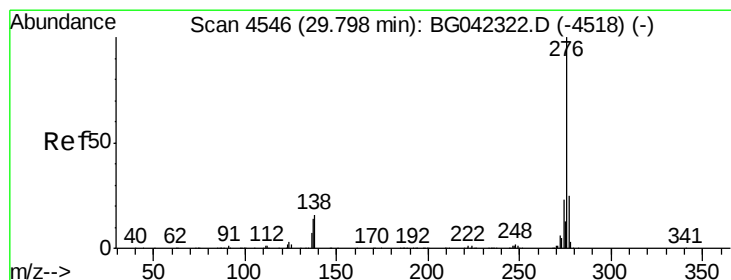
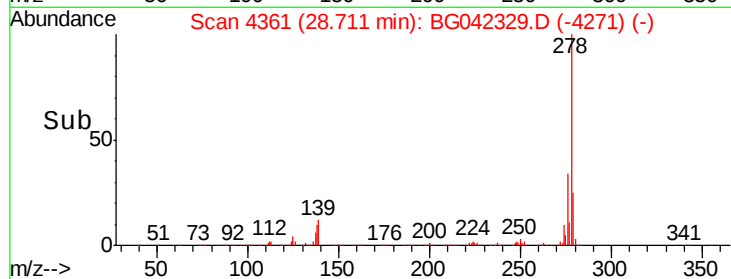
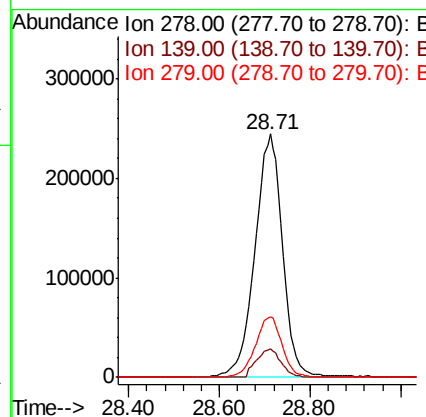
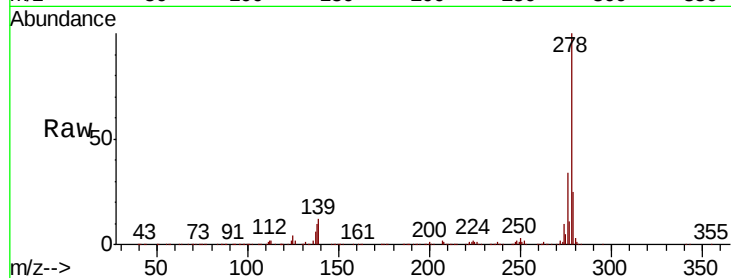


#91
Dibenzo(a,h)anthracene
Concen: 41.227 ng
RT: 28.71 min Scan# 4361
Delta R.T. 0.00 min
Lab File: BG042329.D
Acq: 19 Aug 2019 16:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1028331

Ion	Ratio	Lower	Upper
278	100		
139	11.6	8.5	12.7
279	25.1	19.8	29.8



#92
Benzo(g,h,i)perylene
Concen: 41.821 ng
RT: 29.80 min Scan# 4547
Delta R.T. 0.01 min
Lab File: BG042329.D
Acq: 19 Aug 2019 16:40

Tgt Ion:276 Resp: 1039522

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.8	29.8
138	15.3	12.8	19.2

