

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083119\
 Data File : BG042628.D
 Acq On : 31 Aug 2019 10:44
 Operator : HP/JU
 Sample : PB122704BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB122704BS

Quant Time: Aug 31 18:17:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	32611	20.00	ng	-0.01
21) Naphthalene-d8	10.81	136	126882	20.00	ng	-0.01
39) Acenaphthene-d10	14.66	164	89625	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	203388	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	237093	20.00	ng	-0.01
87) Perylene-d12	24.92	264	282344	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	190714	118.44	ng	0.00
7) Phenol-d6	7.17	99	237305	109.11	ng	0.00
23) Nitrobenzene-d5	9.16	82	121776	66.32	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	144198	113.20	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	399730	75.43	ng	0.00
79) Terphenyl-d14	20.02	244	769511	70.17	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.41	88	24059	35.804	ng	97
3) Pyridine	3.82	79	53938	31.304	ng	92
4) n-Nitrosodimethylamine	3.73	42	25602	41.601	ng	91
6) Aniline	7.31	93	83948	28.938	ng	98
8) 2-Chlorophenol	7.56	128	85247	43.684	ng	99
9) Benzaldehyde	7.12	77	48077	44.152	ng	98
10) Phenol	7.19	94	92361	41.765	ng	92
11) bis(2-Chloroethyl)ether	7.41	93	65449	37.685	ng	98
12) 1,3-Dichlorobenzene	7.88	146	98855	39.821	ng	99
13) 1,4-Dichlorobenzene	8.03	146	101881	40.516	ng	97
14) 1,2-Dichlorobenzene	8.35	146	96134	39.922	ng	100
15) Benzyl Alcohol	8.24	79	63175	40.373	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.53	45	84434	35.869	ng	98
17) 2-Methylphenol	8.45	107	65443	40.178	ng	98
18) Hexachloroethane	9.08	117	33756	39.213	ng	100
19) n-Nitroso-di-n-propylamine	8.81	70	52363	37.161	ng	96
20) 3+4-Methylphenols	8.78	107	89929	39.899	ng	97
22) Acetophenone	8.82	105	117307	43.226	ng	# 97
24) Nitrobenzene	9.20	77	78035	41.970	ng	98
25) Isophorone	9.73	82	142219	39.248	ng	99
26) 2-Nitrophenol	9.93	139	50096	42.995	ng	96
27) 2,4-Dimethylphenol	9.99	122	77718	48.422	ng	98
28) bis(2-Chloroethoxy)methane	10.22	93	89875	39.352	ng	99
29) 2,4-Dichlorophenol	10.47	162	95425	45.442	ng	96
30) 1,2,4-Trichlorobenzene	10.68	180	110334	42.806	ng	98
31) Naphthalene	10.87	128	249732	42.394	ng	99
32) Benzoic acid	10.14	122	35427	33.407	ng	94
33) 4-Chloroaniline	10.98	127	62945	23.147	ng	97
34) Hexachlorobutadiene	11.16	225	74793	43.176	ng	99
35) Caprolactam	11.75	113	24786	35.373	ng	97
36) 4-Chloro-3-methylphenol	12.11	107	80953	40.609	ng	99
37) 2-Methylnaphthalene	12.48	142	196489	41.541	ng	98
38) 1-Methylnaphthalene	12.70	142	185808	41.356	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	134222	46.634	ng	99

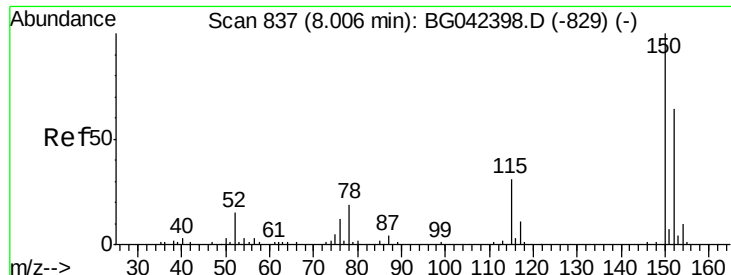
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083119\
 Data File : BG042628.D
 Acq On : 31 Aug 2019 10:44
 Operator : HP/JU
 Sample : PB122704BS
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Instrument :
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Quant Time: Aug 31 18:17:49 2019
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	144957	95.879	nq	100
43) 2,4,6-Trichlorophenol	13.09	196	83763	43.056	nq	98
44) 2,4,5-Trichlorophenol	13.17	196	91075	45.175	nq	96
46) 1,1'-Biphenyl	13.49	154	258588	44.635	nq	96
47) 2-Chloronaphthalene	13.53	162	212911	42.621	nq	98
48) 2-Nitroaniline	13.73	65	45319	37.621	nq	97
49) Acenaphthylene	14.38	152	330204	43.936	nq	100
50) Dimethylphthalate	14.10	163	266126	41.153	nq	100
51) 2,6-Dinitrotoluene	14.23	165	63380	42.283	nq	95
52) Acenaphthene	14.72	154	190785	41.806	nq	99
53) 3-Nitroaniline	14.56	138	40717	27.161	nq	92
54) 2,4-Dinitrophenol	14.77	184	73411	73.228	nq	99
55) Dibenzofuran	15.06	168	332197	43.977	nq	99
56) 4-Nitrophenol	14.89	139	84803	79.611	nq	95
57) 2,4-Dinitrotoluene	15.02	165	87673	40.845	nq	98
58) Fluorene	15.70	166	261759	42.390	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.29	232	84014	42.139	nq	# 91
60) Diethylphthalate	15.47	149	256244	40.535	nq	98
61) 4-Chlorophenyl-phenylether	15.70	204	157076	42.198	nq	98
62) 4-Nitroaniline	15.73	138	60274	37.568	nq	93
63) Azobenzene	15.99	77	168537	38.908	nq	96
65) 4,6-Dinitro-2-methylphenol	15.80	198	56602	44.388	nq	98
66) n-Nitrosodiphenylamine	15.91	169	242166	43.296	nq	97
67) 4-Bromophenyl-phenylether	16.59	248	109655	42.505	nq	99
68) Hexachlorobenzene	16.72	284	115378	41.140	nq	98
69) Atrazine	16.86	200	90274	45.640	nq	98
70) Pentachlorophenol	17.07	266	127741	87.664	nq	98
71) Phenanthrene	17.45	178	441439	43.695	nq	98
72) Anthracene	17.54	178	456163	45.230	nq	99
73) Carbazole	17.81	167	392500	43.667	nq	99
74) Di-n-butylphthalate	18.36	149	450445	42.394	nq	99
75) Fluoranthene	19.46	202	597390	48.452	nq	96
77) Benzidine	19.64	184	298985	43.984	nq	98
78) Pyrene	19.82	202	606054	41.693	nq	98
80) Butylbenzylphthalate	20.70	149	227579	39.805	nq	97
81) Benzo(a)anthracene	21.67	228	623514	43.231	nq	98
82) 3,3'-Dichlorobenzidine	21.57	252	193139	33.296	nq	100
83) Chrysene	21.73	228	603756	43.406	nq	99
84) Bis(2-ethylhexyl)phthalate	21.56	149	323332	40.731	nq	99
85) Di-n-octyl phthalate	22.78	149	561036	41.092	nq	99
86) Indeno(1,2,3-cd)pyrene	28.62	276	791530	41.874	nq	# 97
88) Benzo(b)fluoranthene	23.89	252	688444	44.352	nq	99
89) Benzo(k)fluoranthene	23.96	252	663908m	44.497	nq	
90) Benzo(a)pyrene	24.77	252	675000	45.827	nq	99
91) Dibenzo(a,h)anthracene	28.68	278	655391	43.946	nq	99
92) Benzo(g,h,i)perylene	29.78	276	664402	44.544	nq	98

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

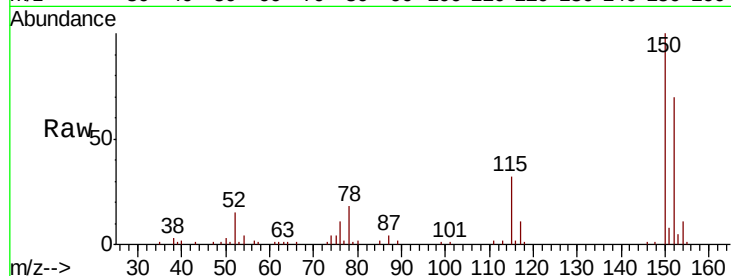


#1

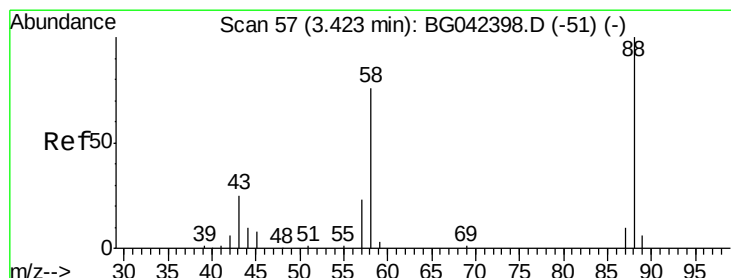
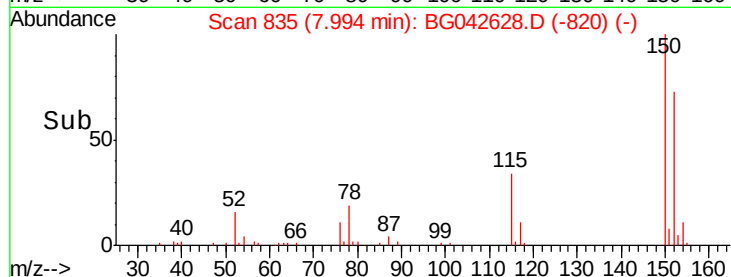
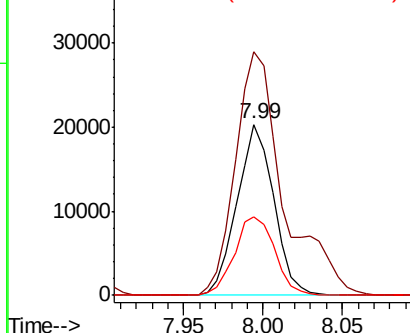
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042628.D
Acq: 31 Aug 2019 10:44

Instrument :
BNA_G
ClientSampleId :
PB122704BS

Tot Ion:152 Resp: 32611
Ion Ratio Lower Upper
152 100
150 142.5 125.4 188.0
115 46.2 38.5 57.7



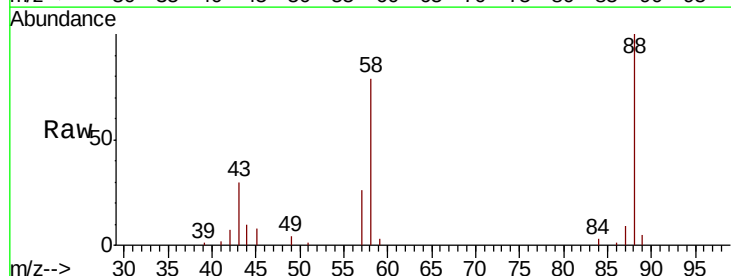
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



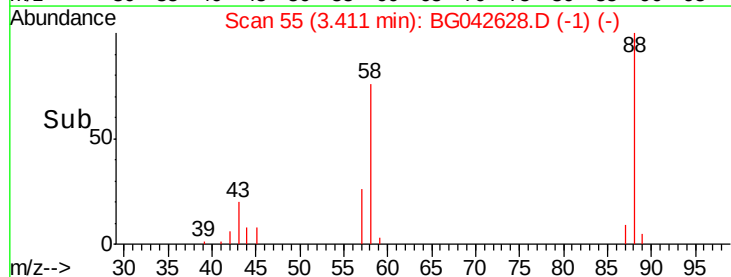
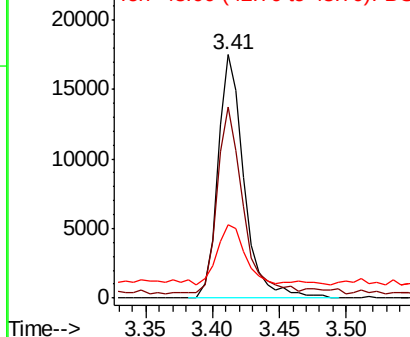
#2

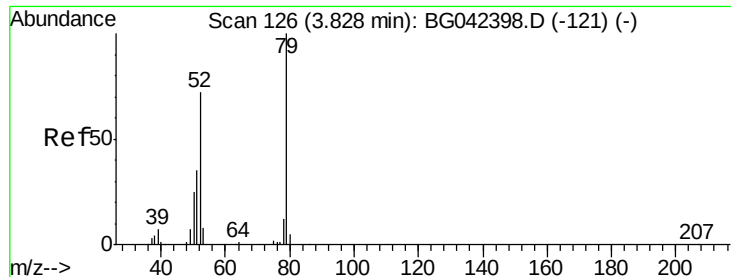
1,4-Dioxane
Concen: 35.804 ng
RT: 3.41 min Scan# 55
Delta R.T. -0.01 min
Lab File: BG042628.D
Acq: 31 Aug 2019 10:44

Tgt Ion: 88 Resp: 24059
Ion Ratio Lower Upper
88 100
58 75.3 58.3 87.5
43 26.0 20.2 30.2



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





#3

Pvridine

Concen: 31.304 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG042628.D

Acq: 31 Aug 2019 10:44

Instrument :

BNA_G

ClientSampleId :

PB122704BS

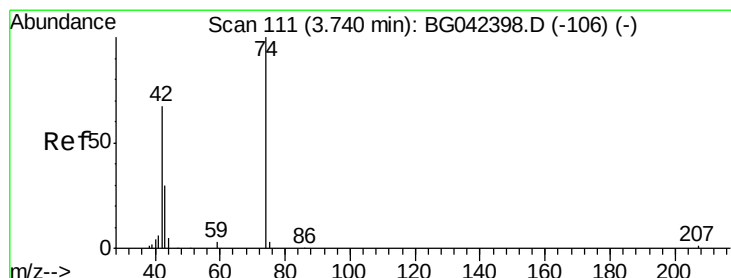
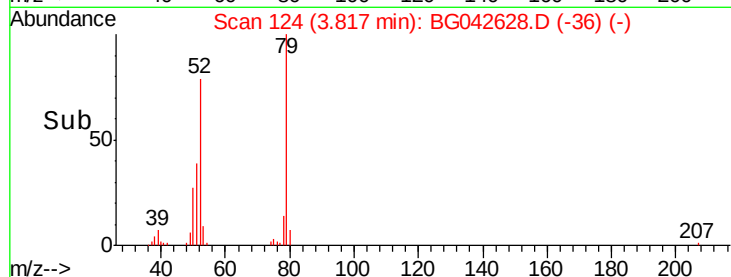
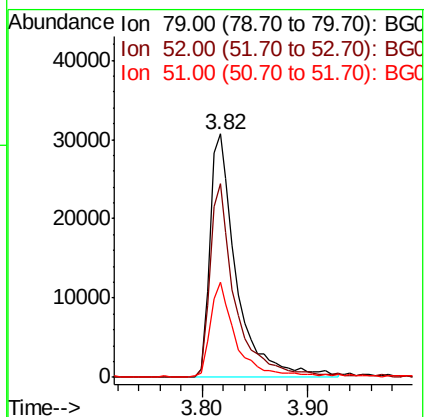
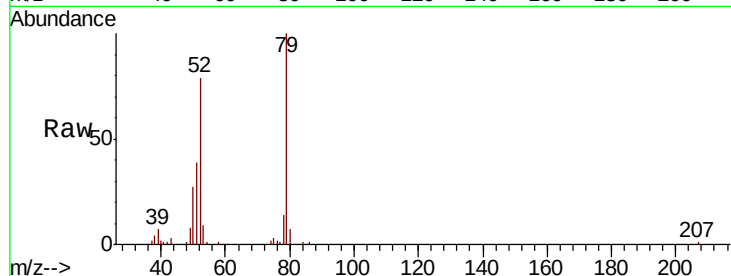
Tot Ion: 79 Resp: 53938

Ion Ratio Lower Upper

79 100

52 79.4 57.7 86.5

51 39.1 28.8 43.2



#4

n-Nitrosodimethylamine

Concen: 41.601 ng

RT: 3.73 min Scan# 109

Delta R.T. -0.01 min

Lab File: BG042628.D

Acq: 31 Aug 2019 10:44

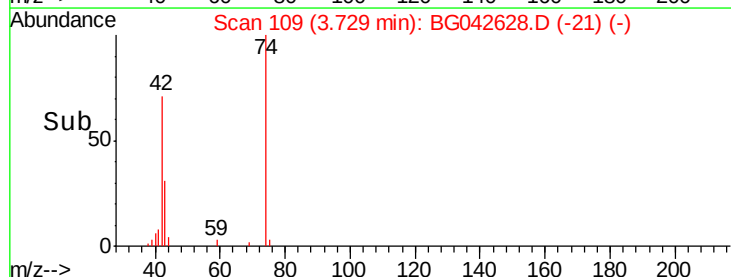
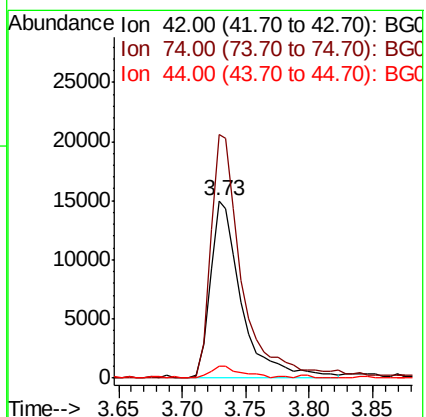
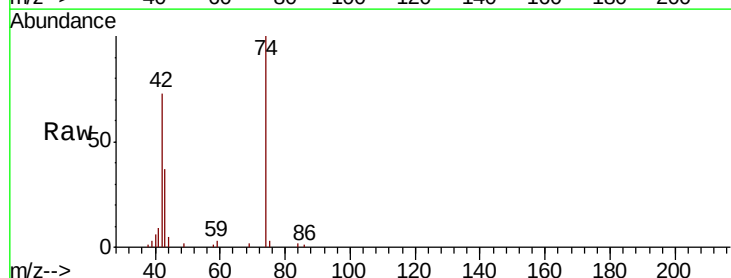
Tgt Ion: 42 Resp: 25602

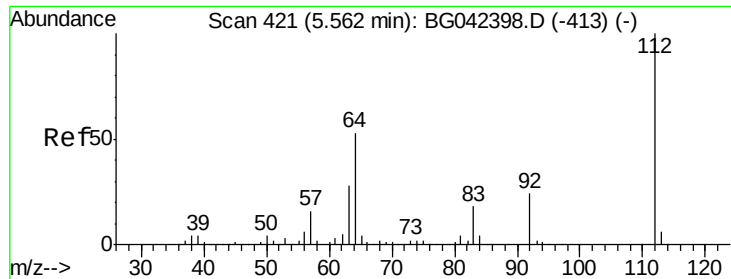
Ion Ratio Lower Upper

42 100

74 137.3 119.6 179.4

44 6.7 6.5 9.7





#5

2-Fluorophenol

Concen: 118.442 ng

RT: 5.56 min Scan# 420

Delta R.T. -0.01 min

Lab File: BG042628.D

Acq: 31 Aug 2019 10:44

Instrument :

BNA_G

ClientSampleId :

PB122704BS

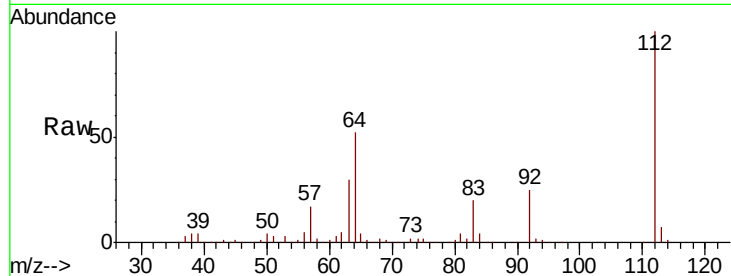
Tot Ion: 112 Resp: 190714

Ion Ratio Lower Upper

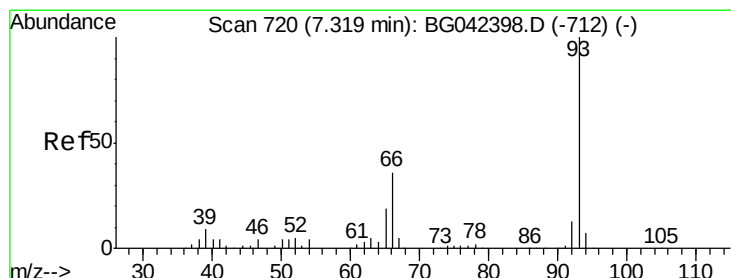
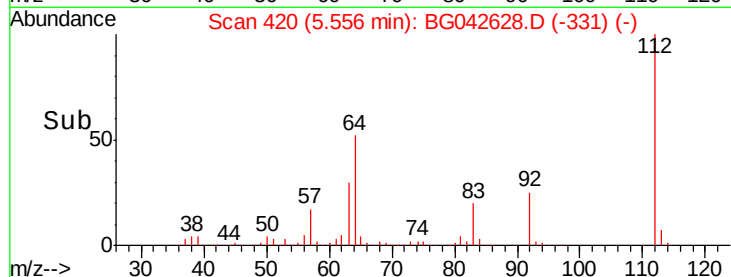
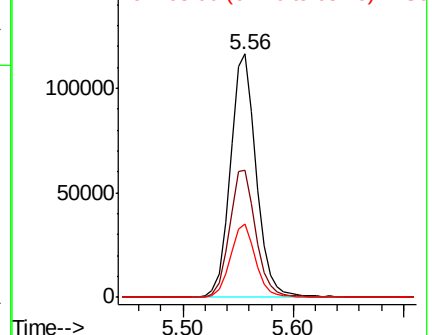
112 100

64 52.5 42.8 64.2

63 30.2 22.7 34.1



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 28.938 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG042628.D

Acq: 31 Aug 2019 10:44

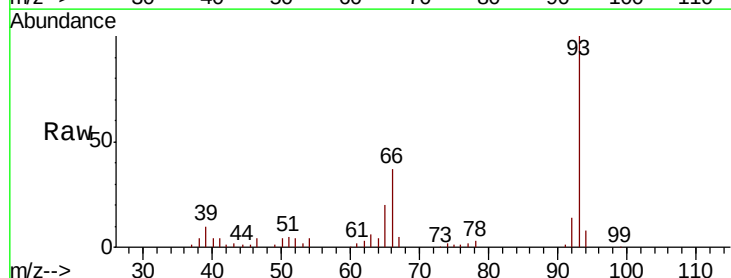
Tgt Ion: 93 Resp: 83948

Ion Ratio Lower Upper

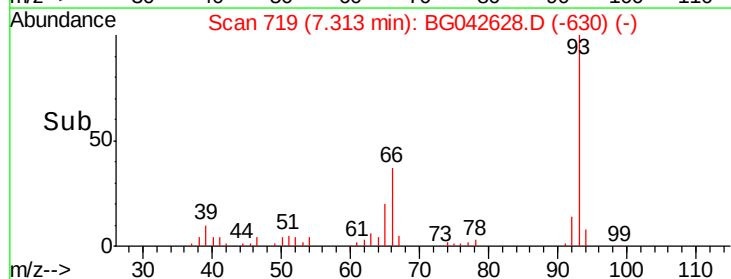
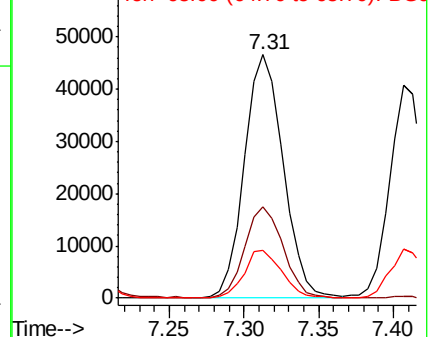
93 100

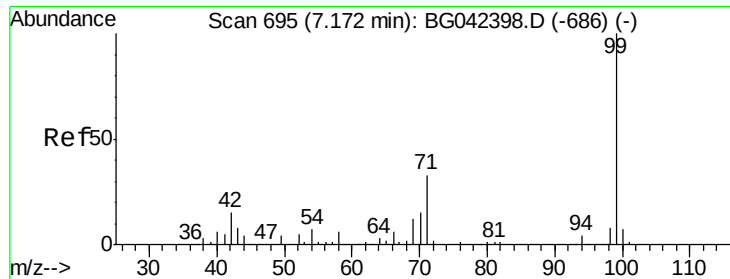
66 37.4 29.0 43.6

65 19.8 15.2 22.8



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: 109.106 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042628.D

Acq: 31 Aug 2019 10:44

Instrument :

BNA_G

ClientSampleId :

PB122704BS

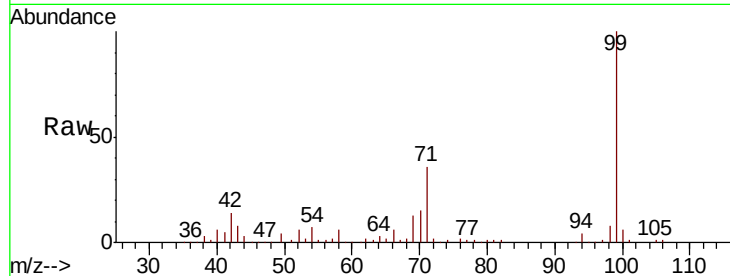
Tot Ion: 99 Resp: 237305

Ion Ratio Lower Upper

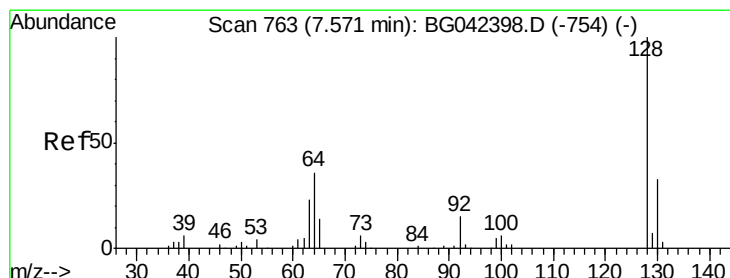
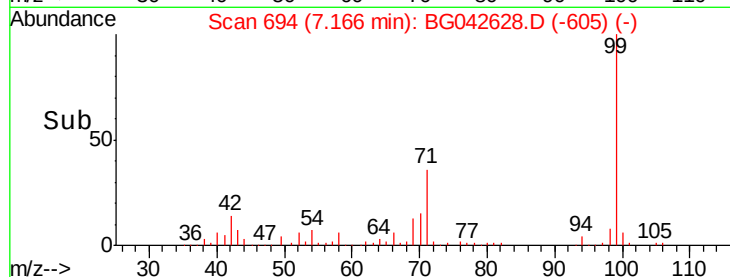
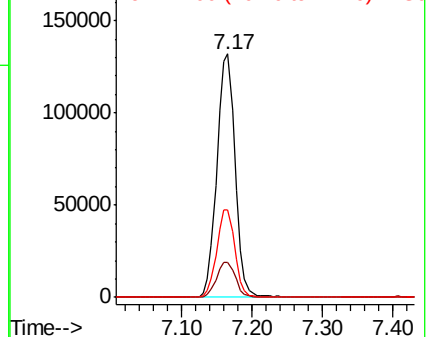
99 100

42 14.4 12.0 18.0

71 35.9 26.3 39.5



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



#8

2-Chlorophenol

Concen: 43.684 ng

RT: 7.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BG042628.D

Acq: 31 Aug 2019 10:44

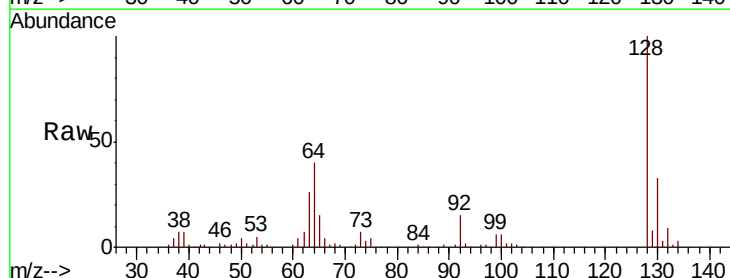
Tgt Ion: 128 Resp: 85247

Ion Ratio Lower Upper

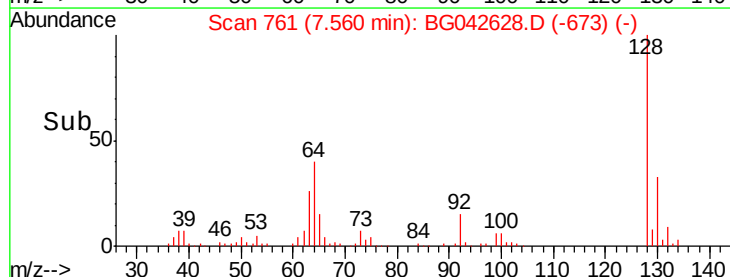
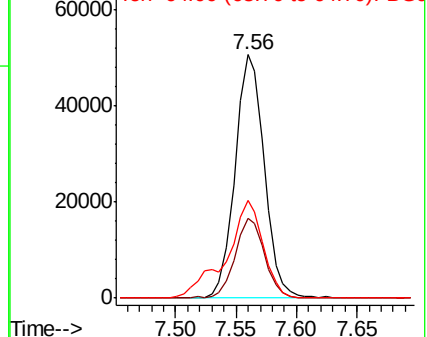
128 100

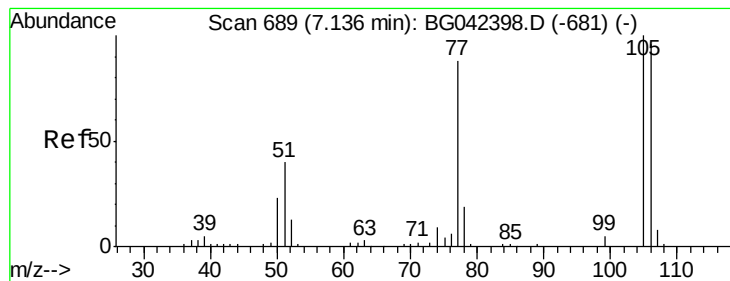
130 32.8 12.8 52.8

64 39.9 19.2 59.2



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: 44.152 ng

RT: 7.12 min Scan# 687

Delta R.T. -0.01 min

Lab File: BG042628.D

Acq: 31 Aug 2019 10:44

Instrument :

BNA_G

ClientSampleId :

PB122704BS

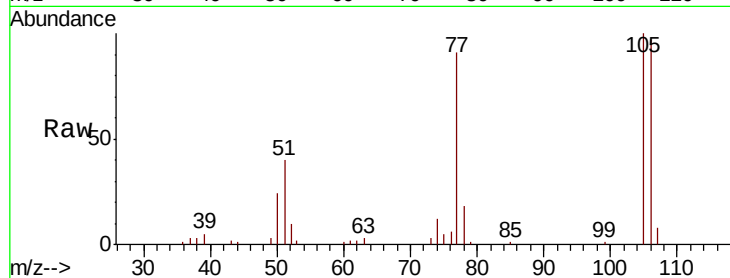
Tot Ion: 77 Resp: 48077

Ion Ratio Lower Upper

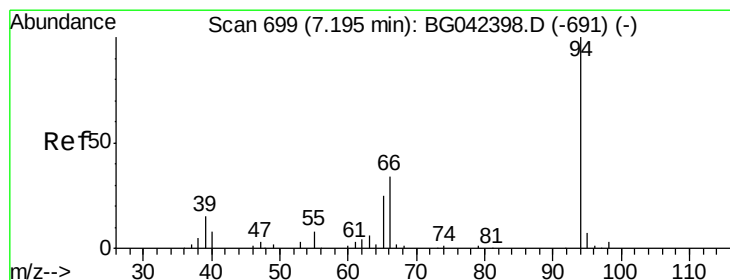
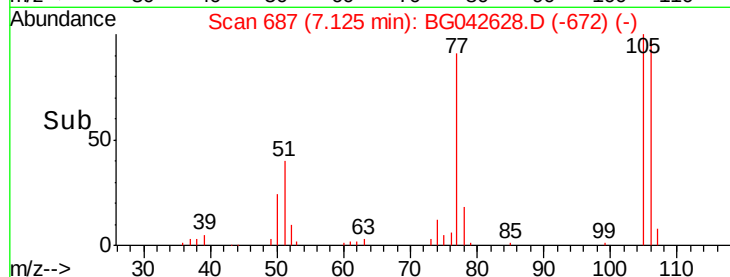
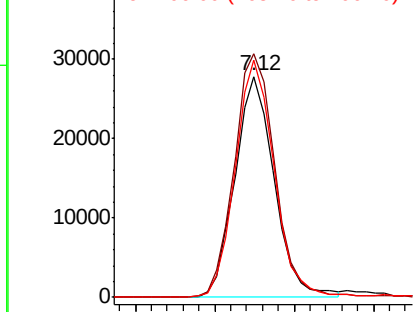
77 100

105 110.3 93.4 133.4

106 107.2 88.4 128.4



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



#10

Phenol

Concen: 41.765 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG042628.D

Acq: 31 Aug 2019 10:44

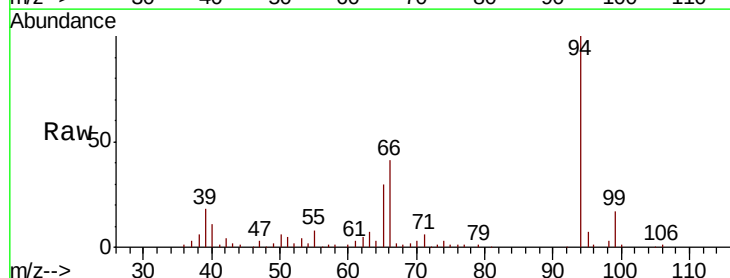
Tgt Ion: 94 Resp: 92361

Ion Ratio Lower Upper

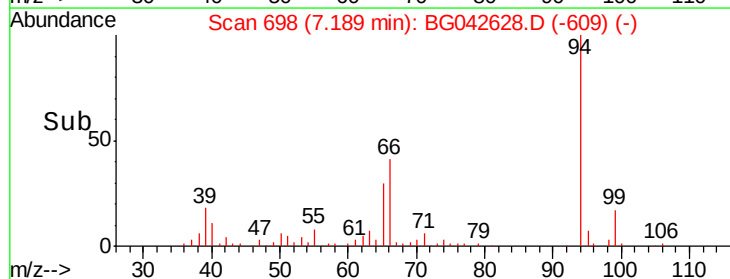
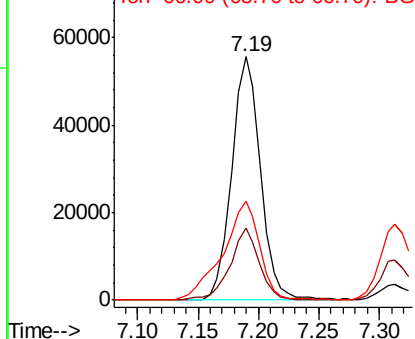
94 100

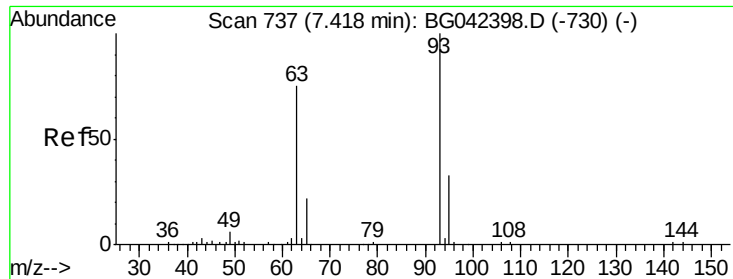
65 29.7 5.6 45.6

66 40.8 16.0 56.0



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

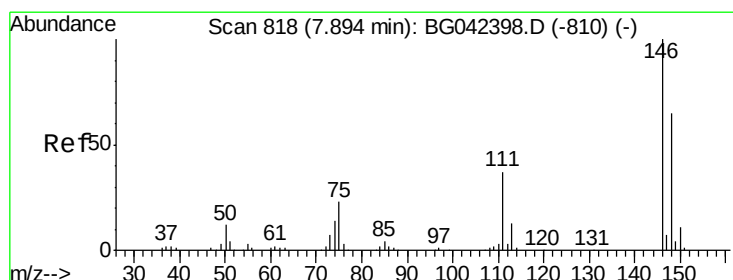
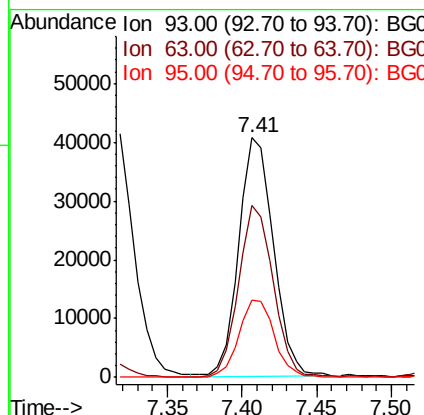
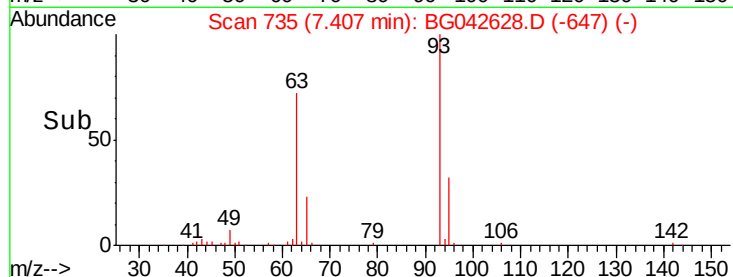
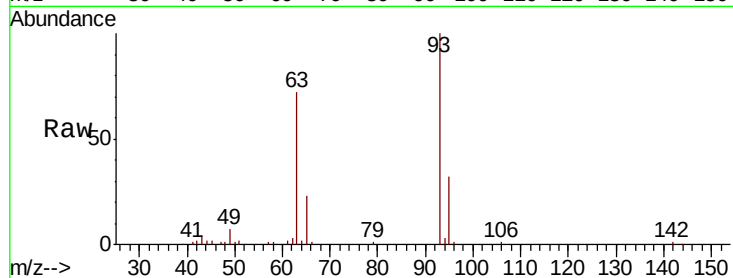




#11
 bis(2-Chloroethyl)ether
 Concen: 37.685 ng
 RT: 7.41 min Scan# 735
 Delta R.T. -0.01 min
 Lab File: BG042628.D
 Acq: 31 Aug 2019 10:44

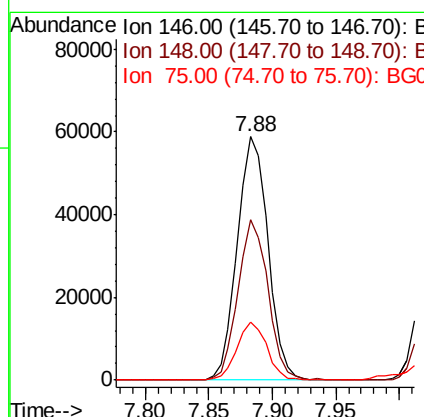
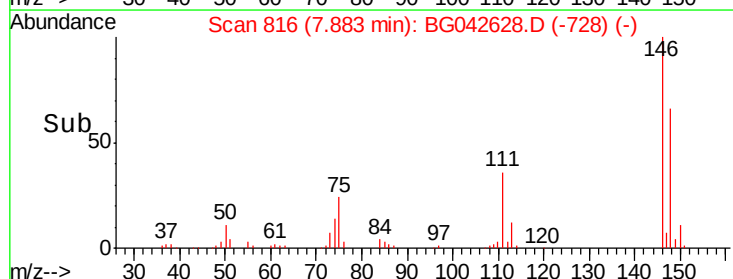
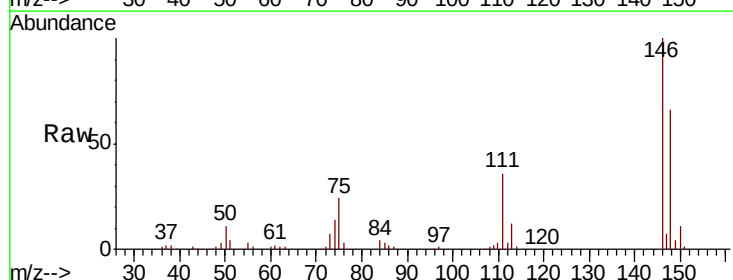
Instrument :
 BNA_G
 ClientSampleID :
 PB122704BS

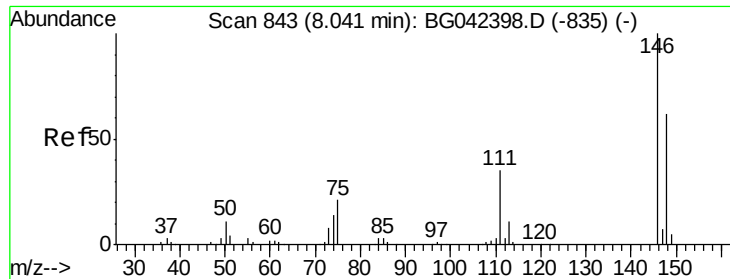
Tot Ion: 93 Resp: 65449
 Ion Ratio Lower Upper
 93 100
 63 71.7 53.8 93.8
 95 32.1 13.1 53.1



#12
 1,3-Dichlorobenzene
 Concen: 39.821 ng
 RT: 7.88 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BG042628.D
 Acq: 31 Aug 2019 10:44

Tgt Ion: 146 Resp: 98855
 Ion Ratio Lower Upper
 146 100
 148 65.7 52.2 78.2
 75 24.1 18.0 27.0

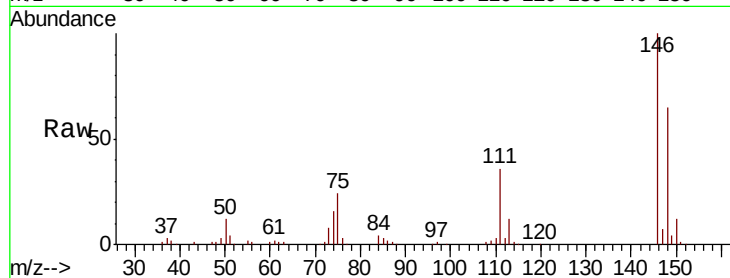




#13
 1,4-Dichlorobenzene
 Concen: 40.516 ng
 RT: 8.03 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BG042628.D
 Acq: 31 Aug 2019 10:44

Instrument :
 BNA_G
 ClientSampleId :
 PB122704BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	49.5	74.3
111	36.2	28.1	42.1

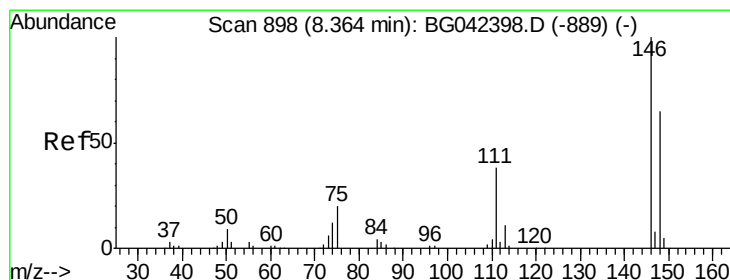
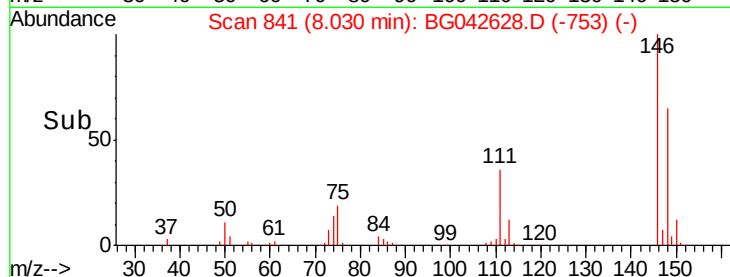
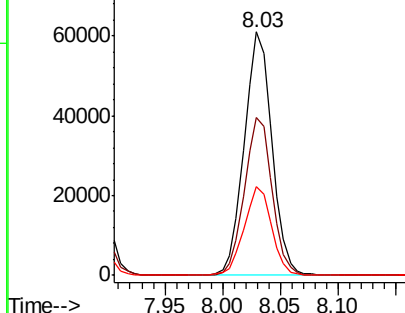


Abundance

Ion 146.00 (145.70 to 146.70): E

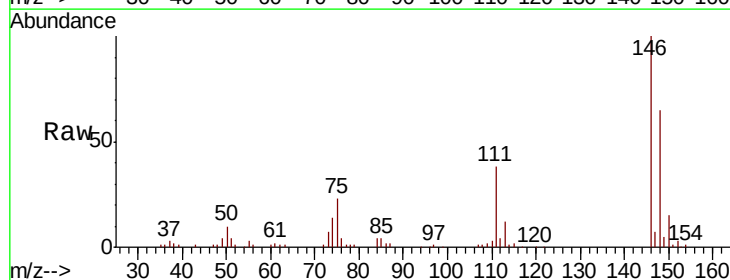
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 39.922 ng
 RT: 8.35 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BG042628.D
 Acq: 31 Aug 2019 10:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.8	77.6
111	38.0	30.9	46.3

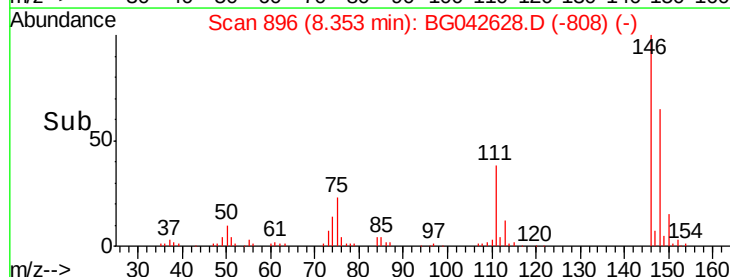
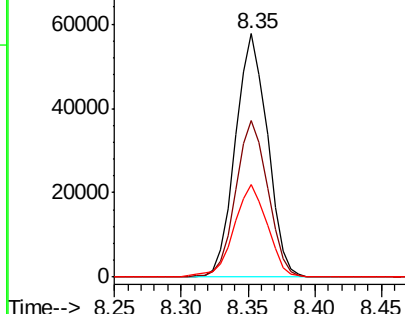


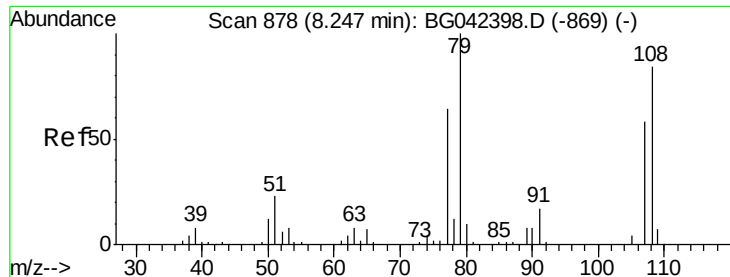
Abundance

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

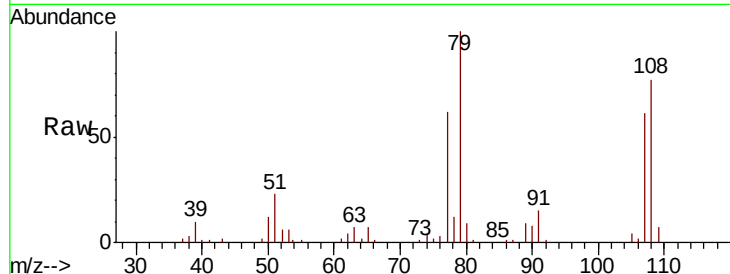




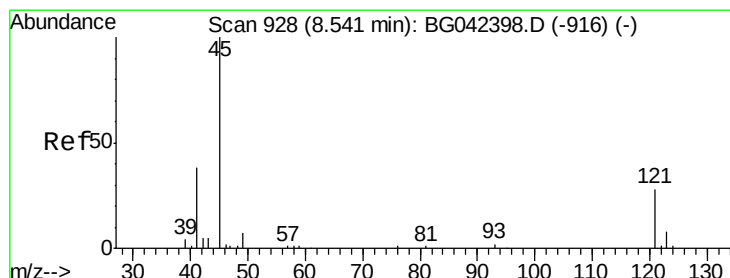
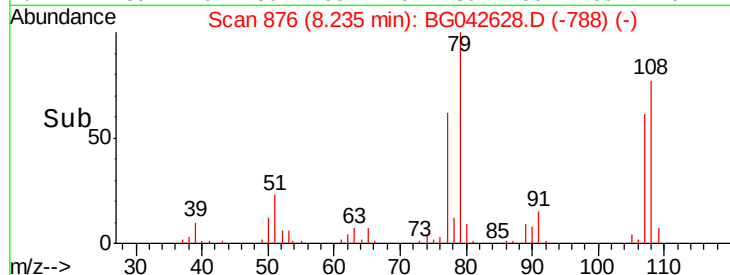
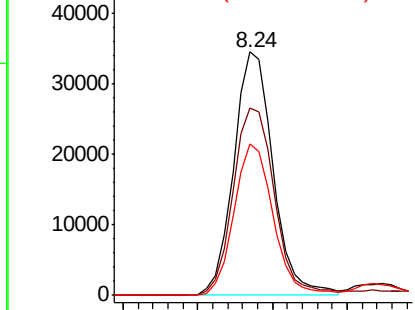
#15
Benzyl Alcohol
Concen: 40.373 ng
RT: 8.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: BG042628.D
Acq: 31 Aug 2019 10:44

Instrument :
BNA_G
ClientSampleId :
PB122704BS

Tot Ion: 79 Resp: 63175
Ion Ratio Lower Upper
79 100
108 77.0 67.4 101.2
77 62.4 50.8 76.2

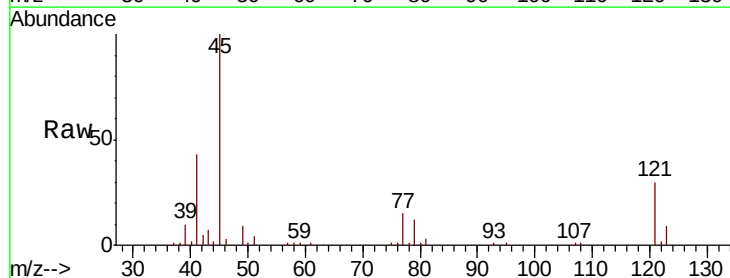


Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

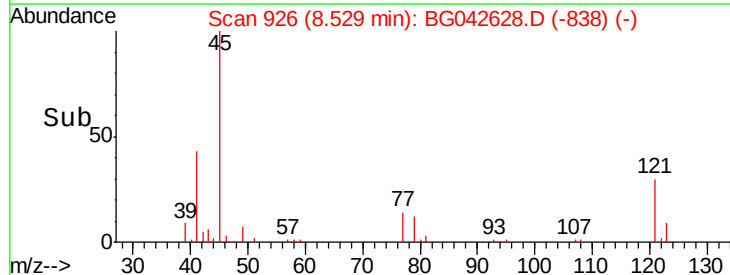
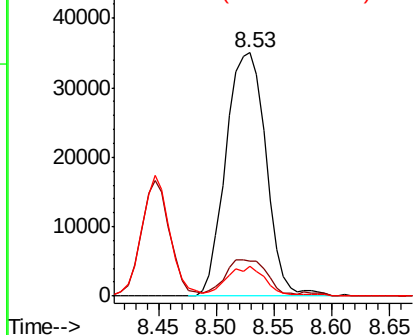


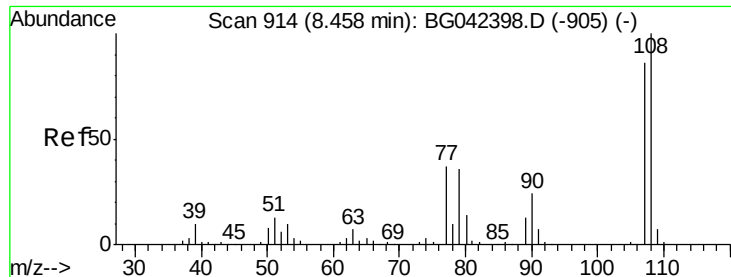
#16
2,2'-oxybis(1-chloropropane)
Concen: 35.869 ng
RT: 8.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BG042628.D
Acq: 31 Aug 2019 10:44

Tgt Ion: 45 Resp: 84434
Ion Ratio Lower Upper
45 100
77 14.5 0.0 35.6
79 12.0 0.0 31.6



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

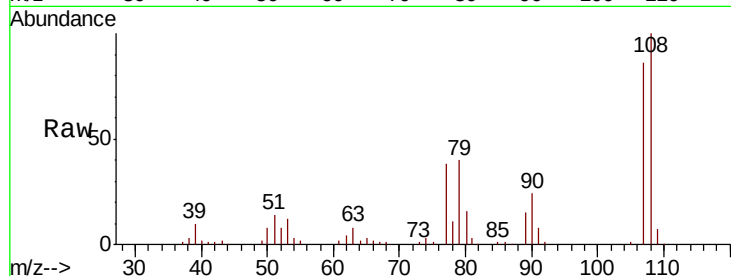




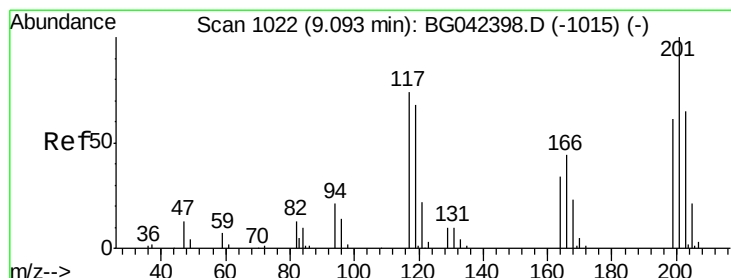
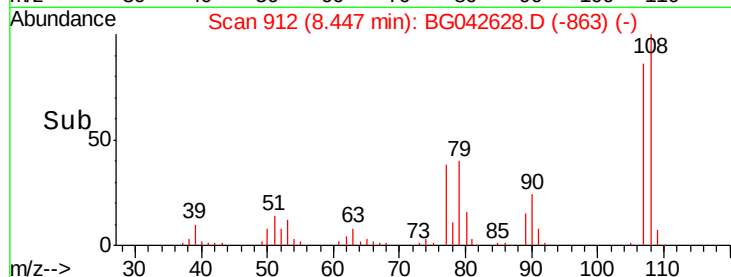
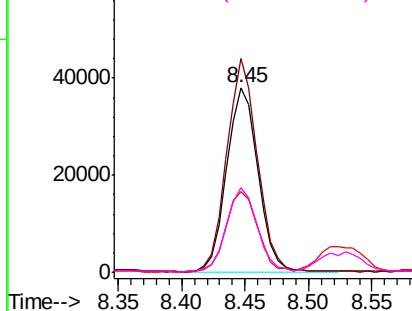
#17
2-Methylphenol
Concen: 40.178 ng
RT: 8.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BG042628.D
Acq: 31 Aug 2019 10:44

Instrument :
BNA_G
ClientSampleId :
PB122704BS

Tot Ion:107 Resp: 65443
Ion Ratio Lower Upper
107 100
108 115.8 92.9 139.3
77 44.0 34.4 51.6
79 45.8 33.8 50.6

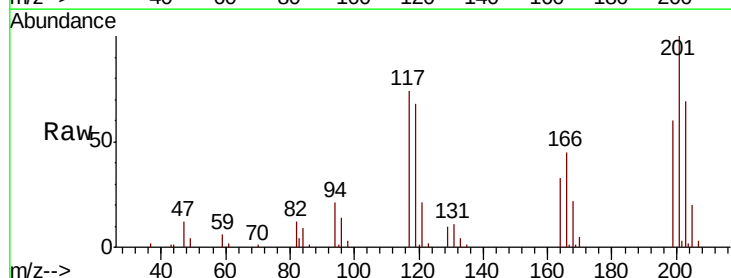


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

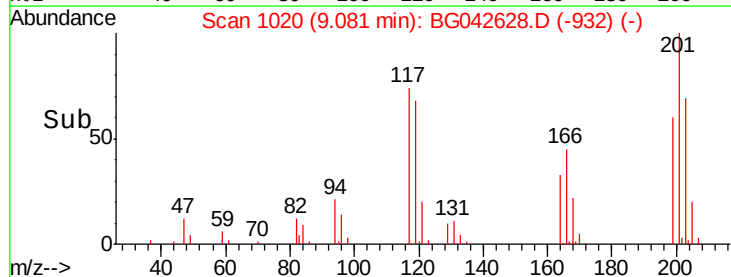
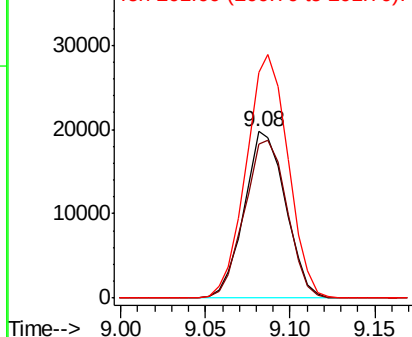


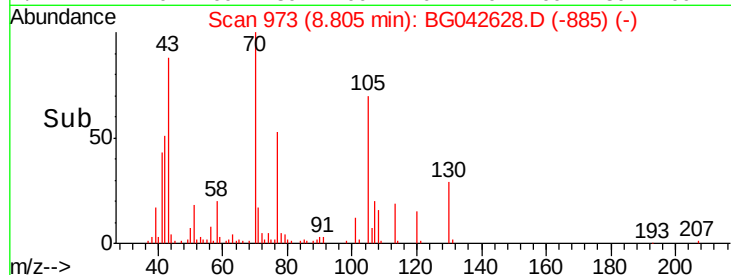
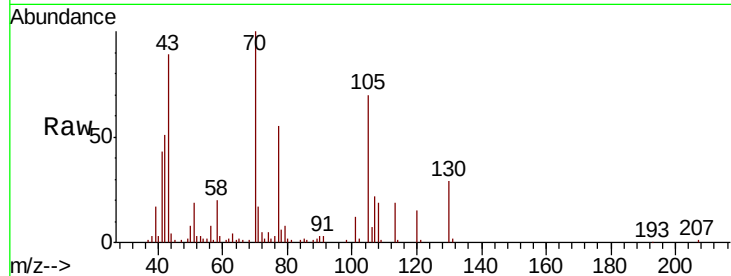
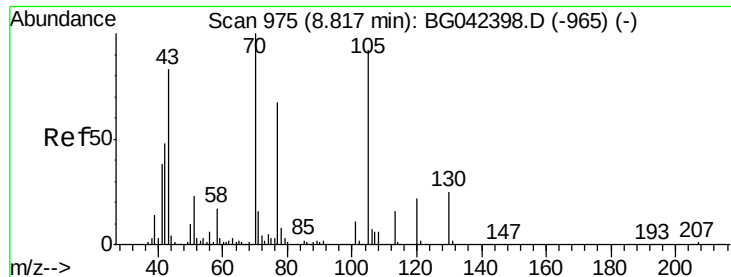
#18
Hexachloroethane
Concen: 39.213 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BG042628.D
Acq: 31 Aug 2019 10:44

Tgt Ion:117 Resp: 33756
Ion Ratio Lower Upper
117 100
119 92.3 73.8 110.8
201 135.7 108.3 162.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

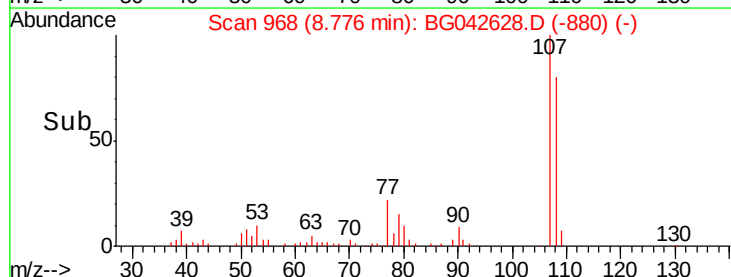
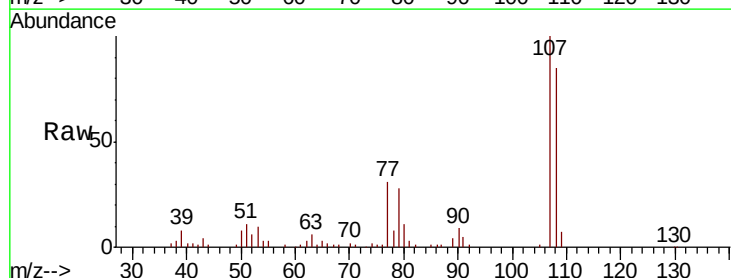
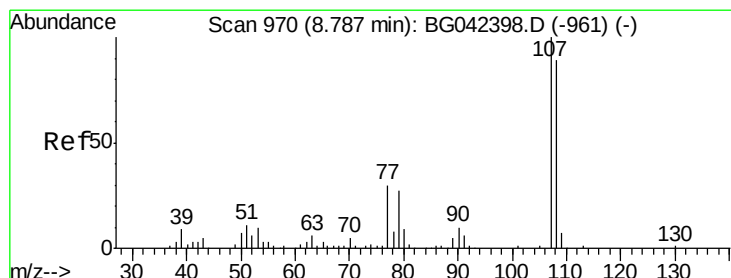
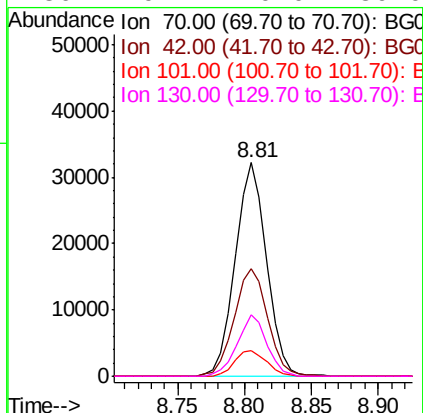




#19
n-Nitroso-di-n-propylamine
Concen: 37.161 ng
RT: 8.81 min Scan# 973
Delta R.T. -0.01 min
Lab File: BG042628.D
Acq: 31 Aug 2019 10:44

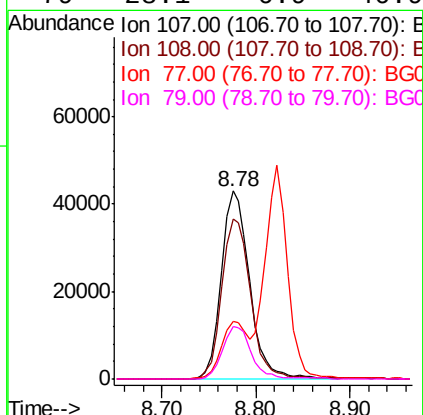
Instrument :
BNA_G
ClientSampleId :
PB122704BS

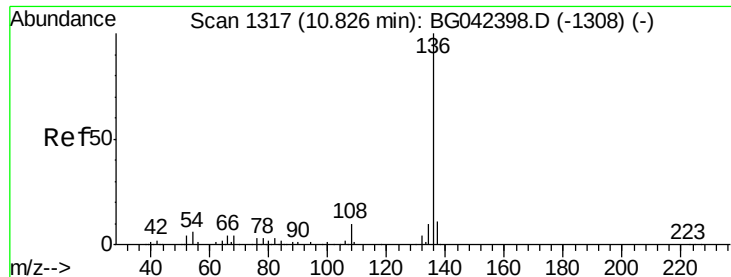
Tot Ion:	70	Resp:	52363
Ion	Ratio	Lower	Upper
70	100		
42	50.6	38.8	58.2
101	11.8	9.0	13.6
130	29.1	20.0	30.0



#20
3+4-Methylphenols
Concen: 39.899 ng
RT: 8.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BG042628.D
Acq: 31 Aug 2019 10:44

Tgt Ion:	107	Resp:	89929
Ion	Ratio	Lower	Upper
107	100		
108	85.2	68.7	108.7
77	30.5	10.2	50.2
79	28.1	6.9	46.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.81 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BG042628.D

Acq: 31 Aug 2019 10:44

Instrument :

BNA_G

ClientSampleId :

PB122704BS

Tot Ion:136 Resp: 126882

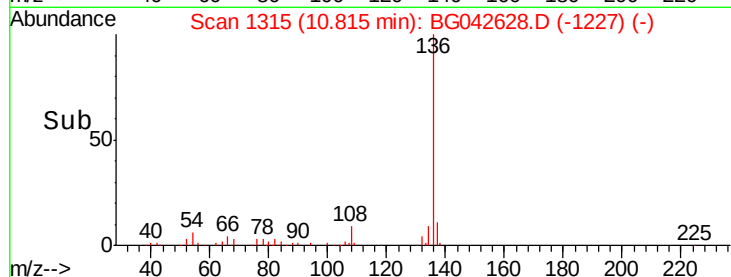
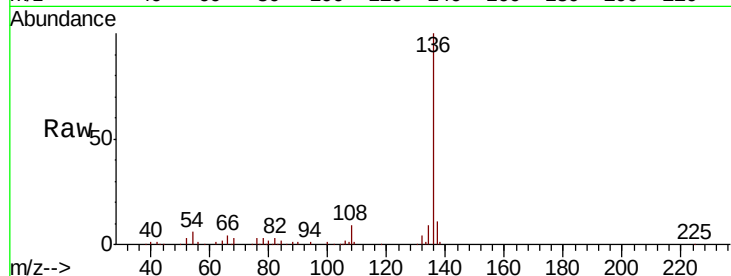
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 5.9 4.9 7.3

68 3.2 3.6 5.4#

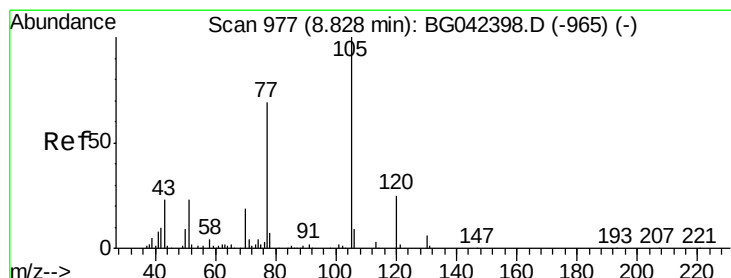
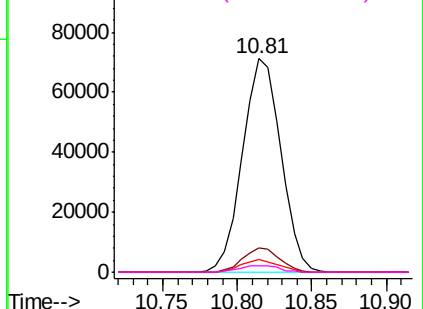


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 43.226 ng

RT: 8.82 min Scan# 976

Delta R.T. -0.01 min

Lab File: BG042628.D

Acq: 31 Aug 2019 10:44

Tgt Ion:105 Resp: 117307

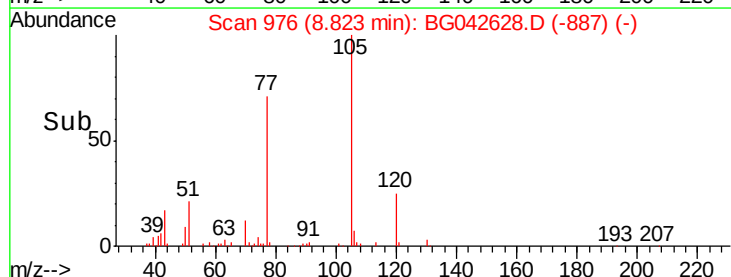
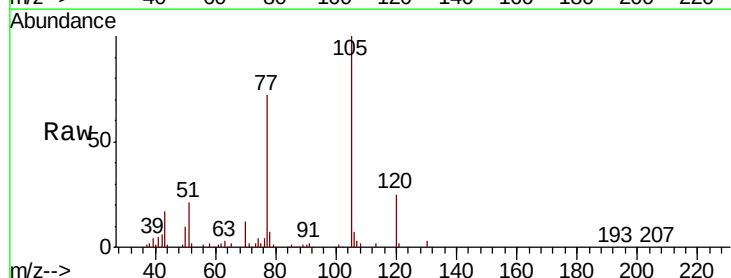
Ion Ratio Lower Upper

105 100

71 2.2 2.8 4.2#

51 21.4 18.7 28.1

120 24.5 20.1 30.1

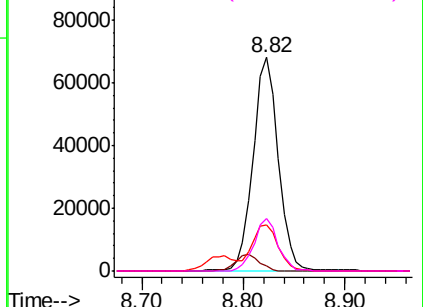


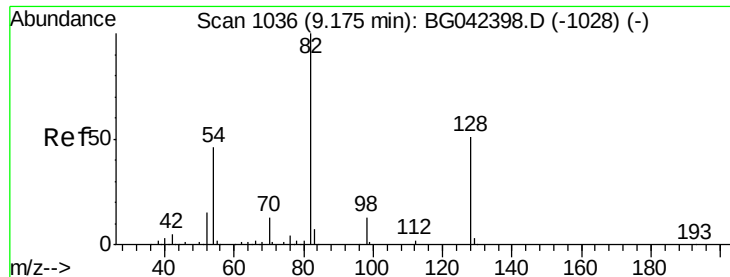
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

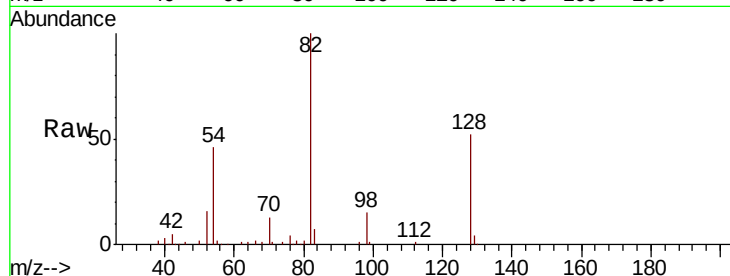




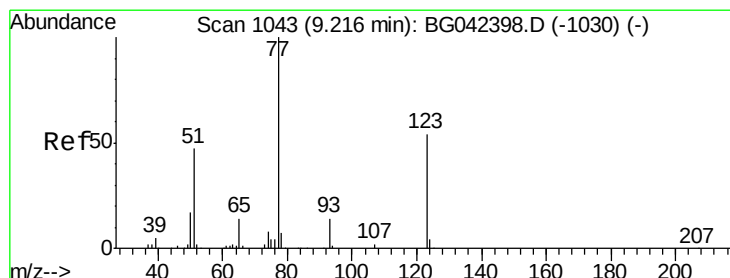
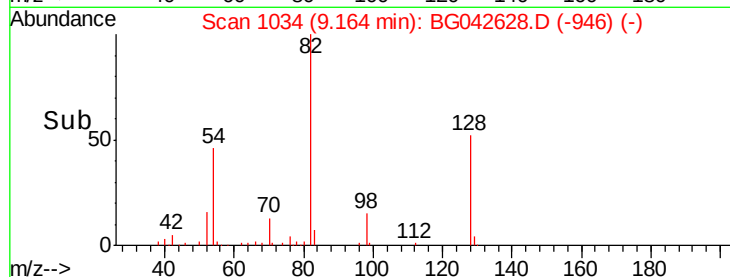
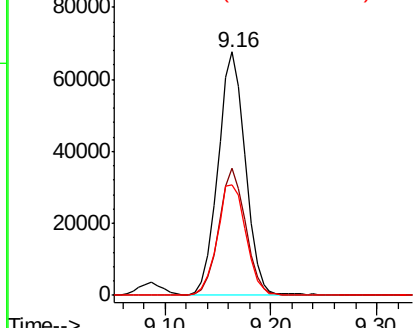
#23
Nitrobenzene-d5
Concen: 66.323 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042628.D
Acq: 31 Aug 2019 10:44

Instrument :
BNA_G
ClientSampleId :
PB122704BS

Tot Ion	82	Resp	121776
Ion Ratio	Lower	Upper	
82	100		
128	52.0	40.7	61.1
54	45.5	36.3	54.5

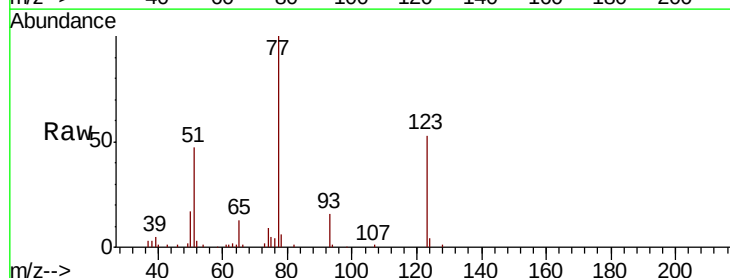


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

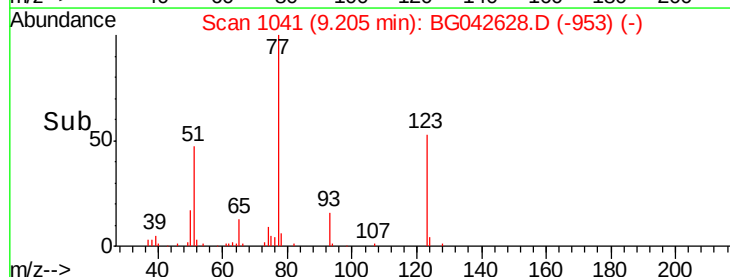
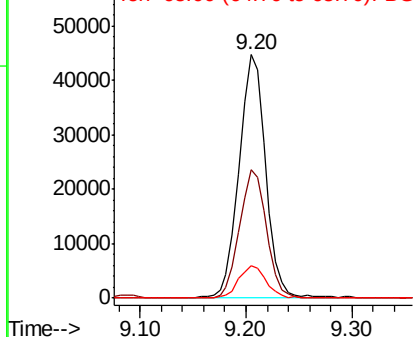


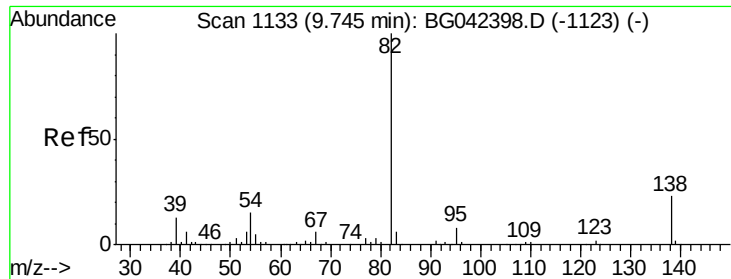
#24
Nitrobenzene
Concen: 41.970 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG042628.D
Acq: 31 Aug 2019 10:44

Tgt Ion	77	Resp	78035
Ion Ratio	Lower	Upper	
77	100		
123	52.9	43.4	65.0
65	13.4	11.0	16.6



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

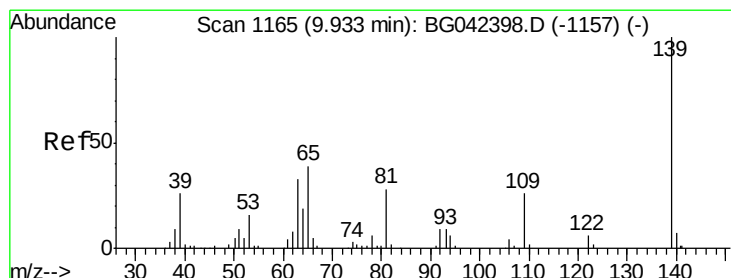
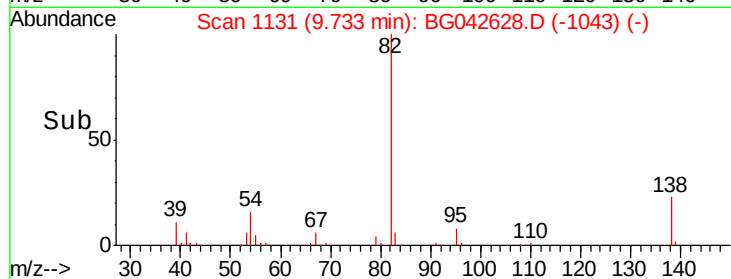
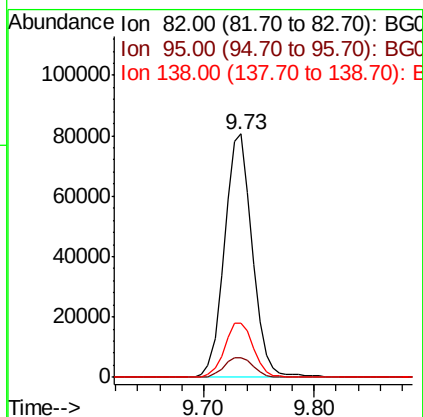
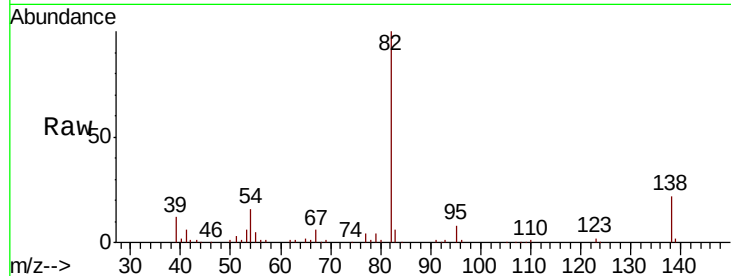




#25
Isophorone
Concen: 39.248 ng
RT: 9.73 min Scan# 1131
Delta R.T. -0.01 min
Lab File: BG042628.D
Acq: 31 Aug 2019 10:44

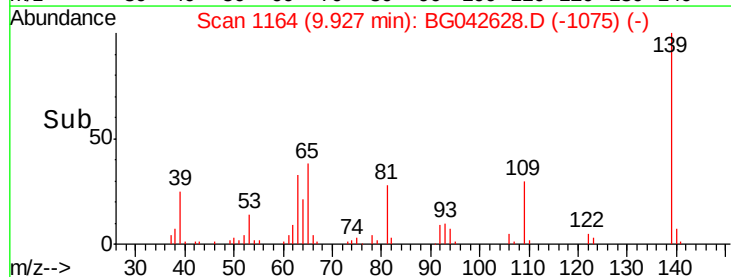
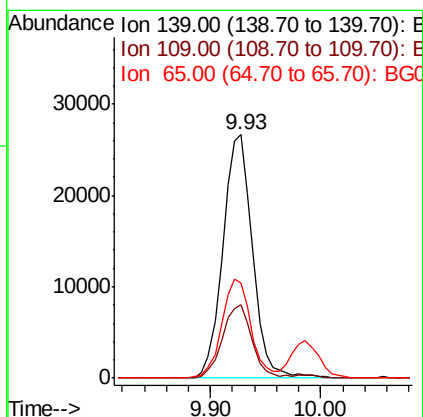
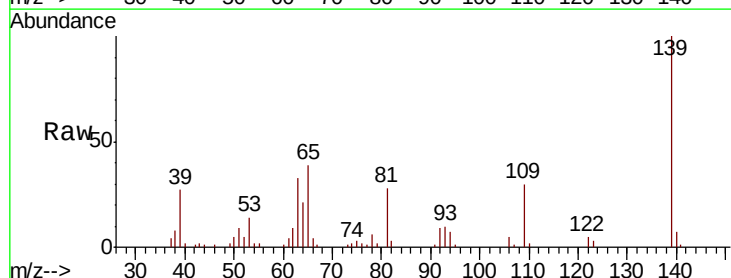
Instrument :
BNA_G
ClientSampleId :
PB122704BS

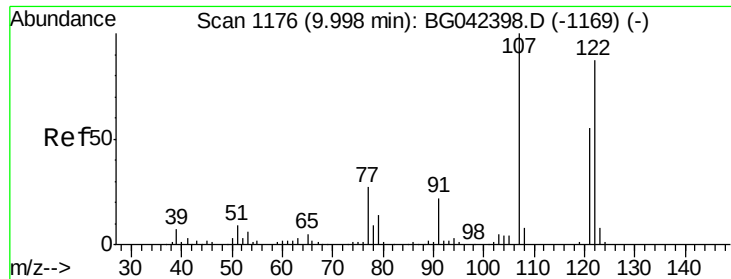
Tot Ion: 82 Resp: 142219
Ion Ratio Lower Upper
82 100
95 8.2 6.6 9.8
138 22.5 18.6 27.8



#26
2-Nitrophenol
Concen: 42.995 ng
RT: 9.93 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BG042628.D
Acq: 31 Aug 2019 10:44

Tgt Ion: 139 Resp: 50096
Ion Ratio Lower Upper
139 100
109 29.9 20.5 30.7
65 39.2 30.9 46.3

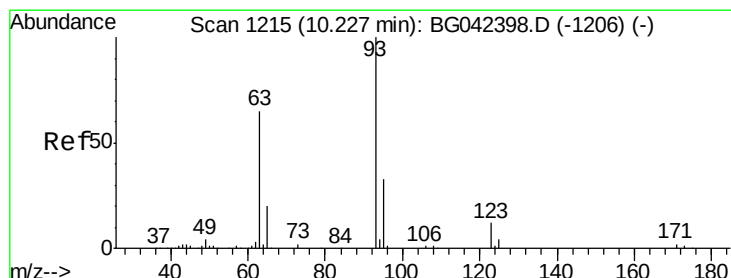
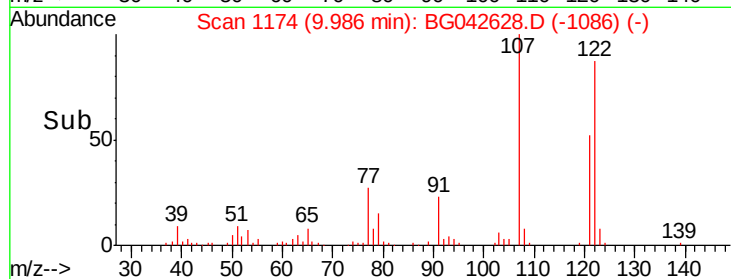
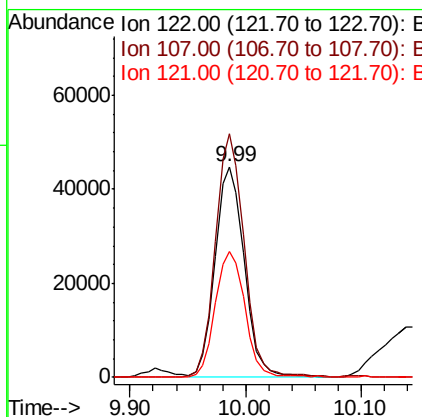
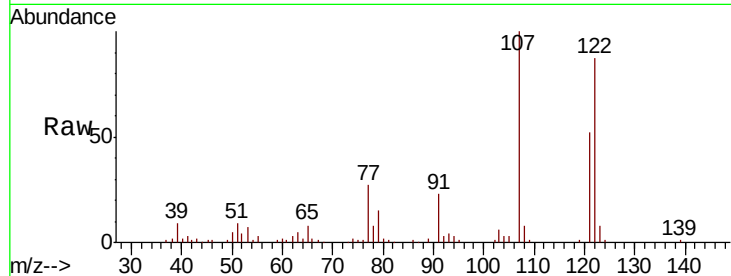




#27
 2,4-Dimethylphenol
 Concen: 48.422 ng
 RT: 9.99 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: BG042628.D
 Acq: 31 Aug 2019 10:44

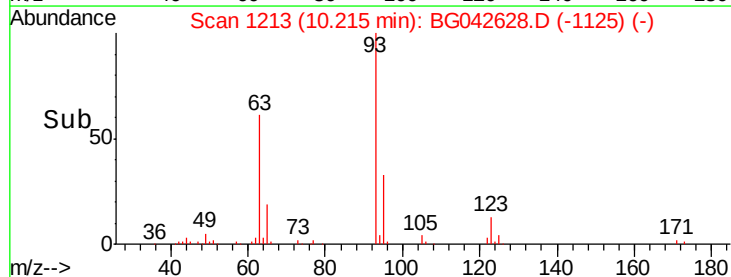
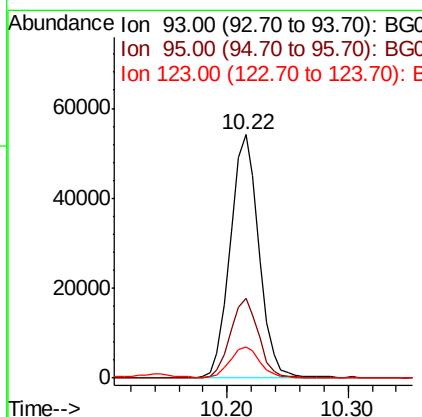
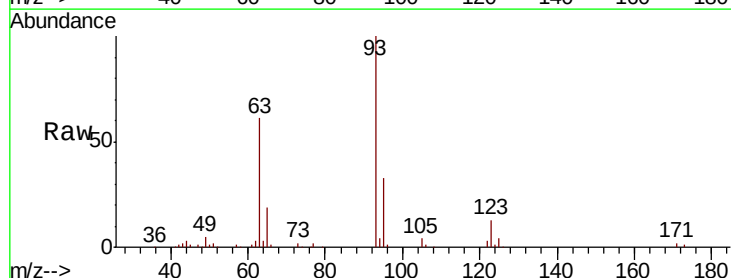
Instrument :
 BNA_G
 ClientSampleId :
 PB122704BS

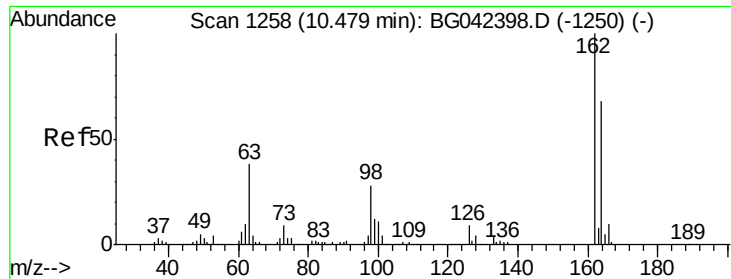
Tot Ion:122 Resp: 77718
 Ion Ratio Lower Upper
 122 100
 107 115.6 90.8 136.2
 121 59.7 49.6 74.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.352 ng
 RT: 10.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BG042628.D
 Acq: 31 Aug 2019 10:44

Tgt Ion: 93 Resp: 89875
 Ion Ratio Lower Upper
 93 100
 95 32.9 26.6 40.0
 123 13.0 10.1 15.1

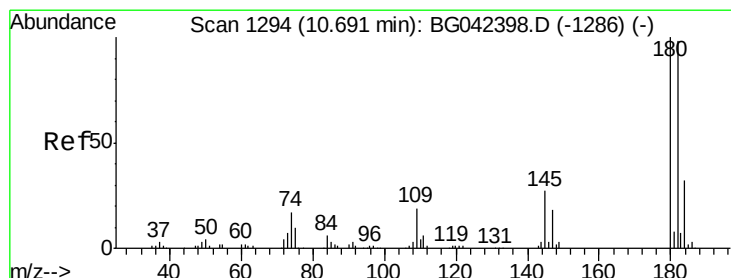
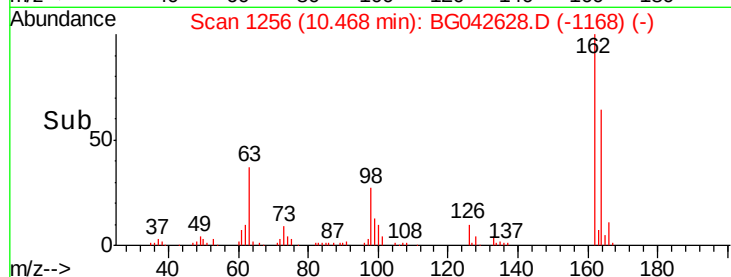
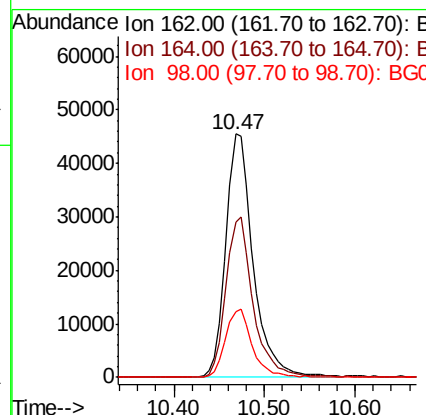
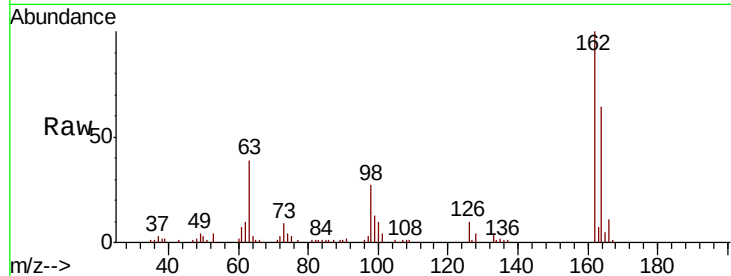




#29
 2,4-Dichlorophenol
 Concen: 45.442 ng
 RT: 10.47 min Scan# 1256
 Delta R.T. -0.01 min
 Lab File: BG042628.D
 Acq: 31 Aug 2019 10:44

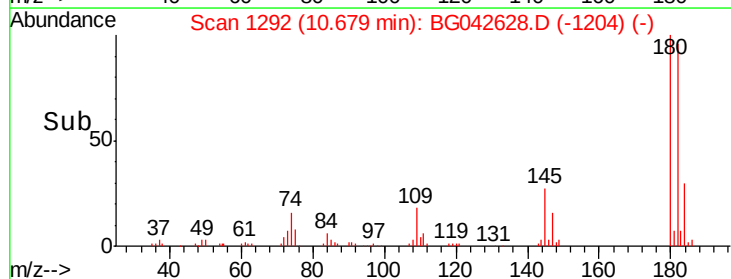
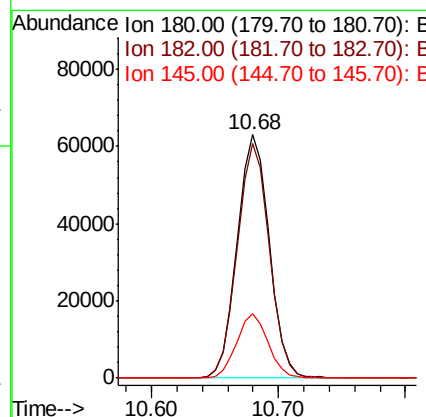
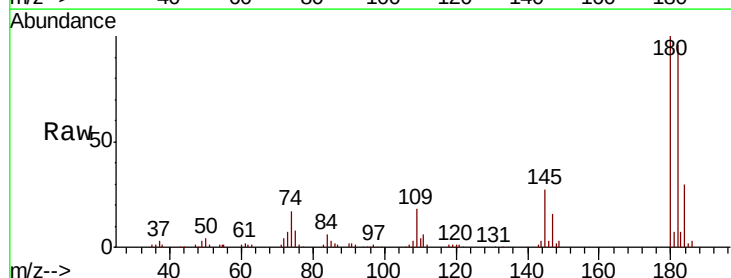
Instrument :
 BNA_G
 ClientSampleId :
 PB122704BS

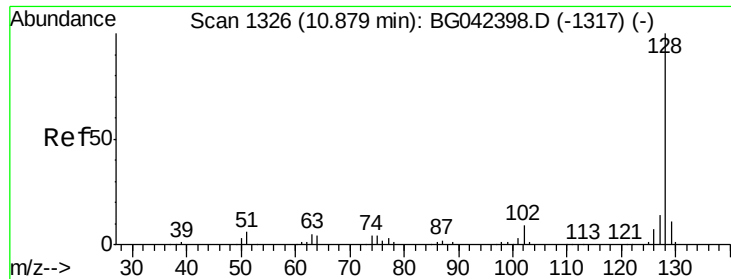
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	48.1	88.1
98	26.9	7.6	47.6



#30
 1,2,4-Trichlorobenzene
 Concen: 42.806 ng
 RT: 10.68 min Scan# 1292
 Delta R.T. -0.01 min
 Lab File: BG042628.D
 Acq: 31 Aug 2019 10:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	78.7	118.1
145	26.6	21.6	32.4

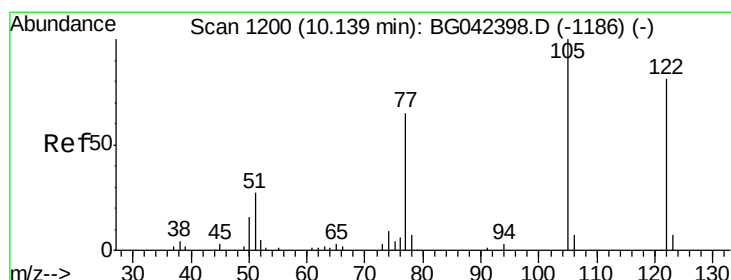
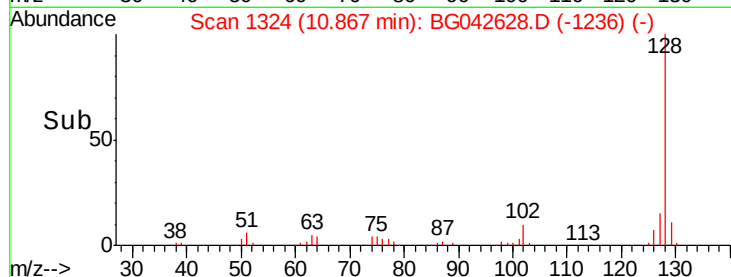
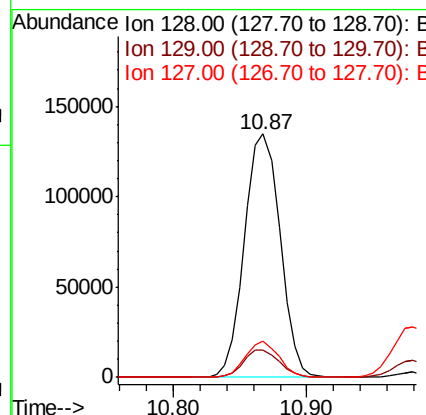
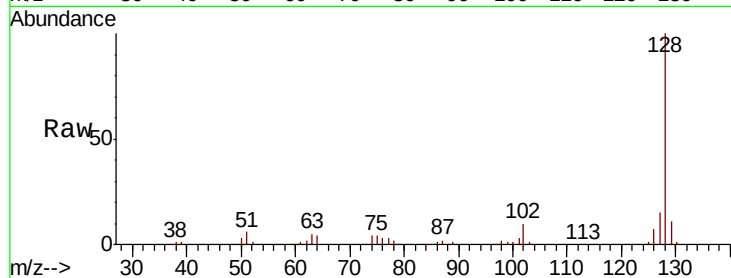




#31
Naphthalene
Concen: 42.394 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG042628.D
Acq: 31 Aug 2019 10:44

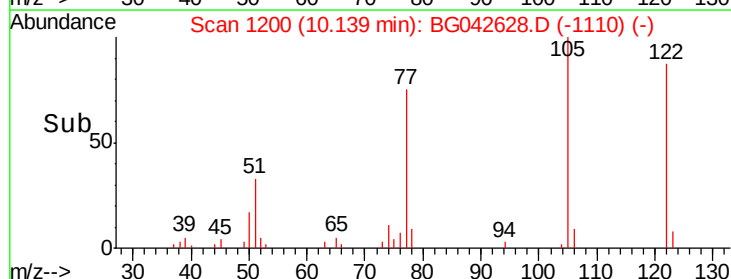
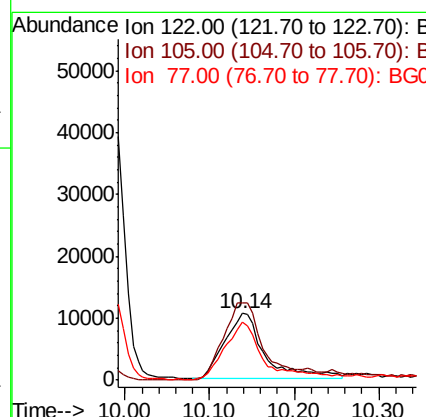
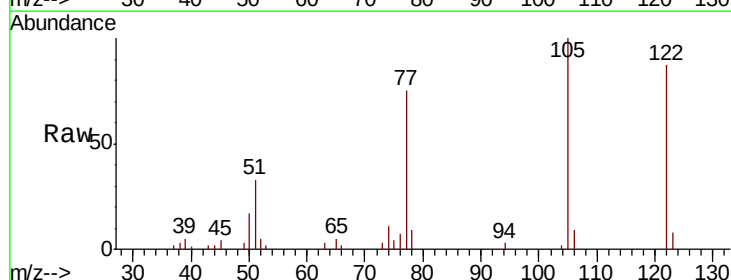
Instrument :
BNA_G
ClientSampleId :
PB122704BS

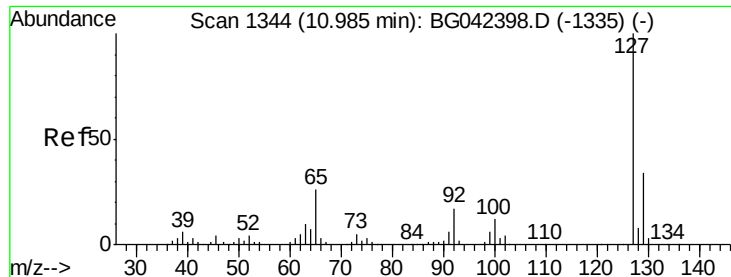
Tot Ion:128 Resp: 249732
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 14.9 11.4 17.0



#32
Benzoic acid
Concen: 33.407 ng
RT: 10.14 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BG042628.D
Acq: 31 Aug 2019 10:44

Tgt Ion:122 Resp: 35427
Ion Ratio Lower Upper
122 100
105 115.0 99.6 139.6
77 86.6 59.5 99.5

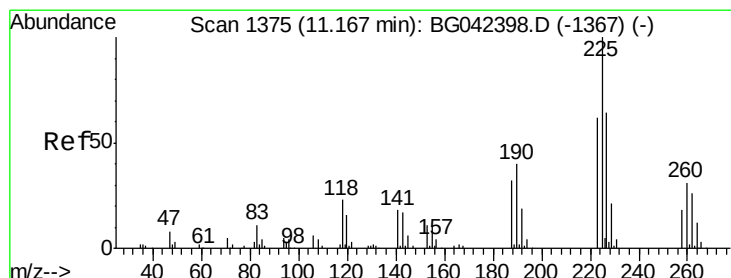
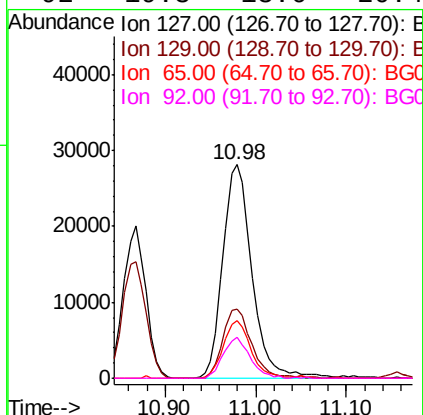
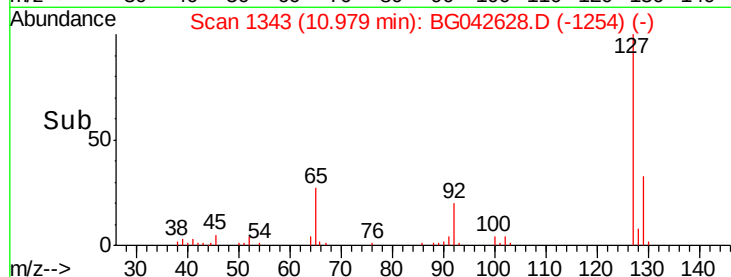
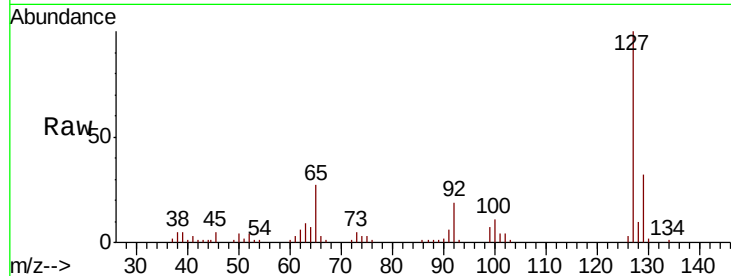




#33
4-Chloroaniline
Concen: 23.147 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG042628.D
Acq: 31 Aug 2019 10:44

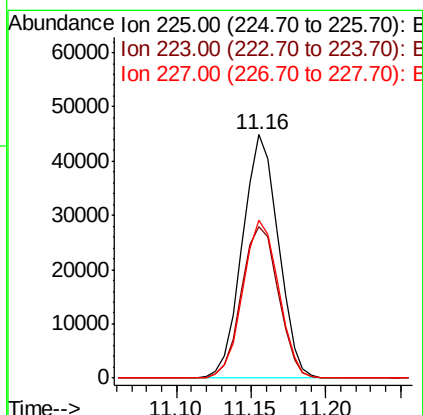
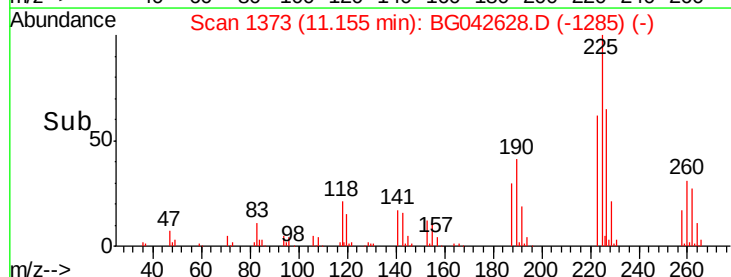
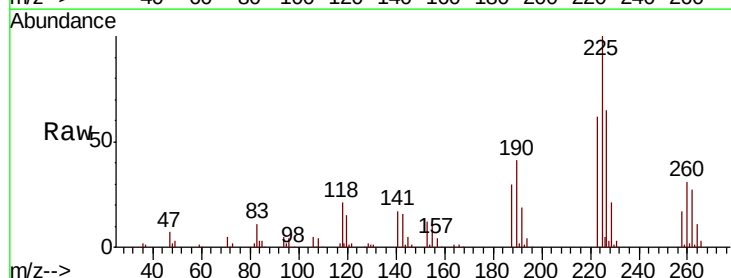
Instrument :
BNA_G
ClientSampleId :
PB122704BS

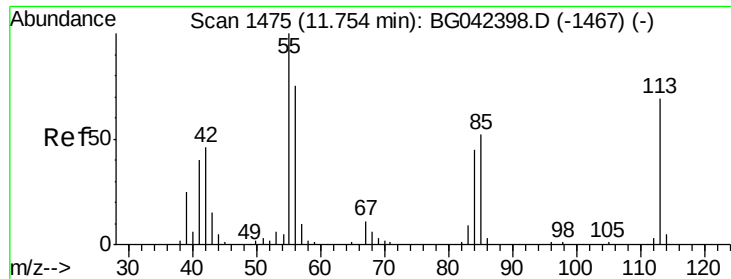
Tot Ion:127	Resp:	62945
Ion Ratio	Lower	Upper
127	100	
129	32.3	26.8 40.2
65	27.2	20.7 31.1
92	19.3	13.6 20.4



#34
Hexachlorobutadiene
Concen: 43.176 ng
RT: 11.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BG042628.D
Acq: 31 Aug 2019 10:44

Tgt Ion:225	Resp:	74793
Ion Ratio	Lower	Upper
225	100	
223	62.4	49.8 74.6
227	64.7	50.9 76.3

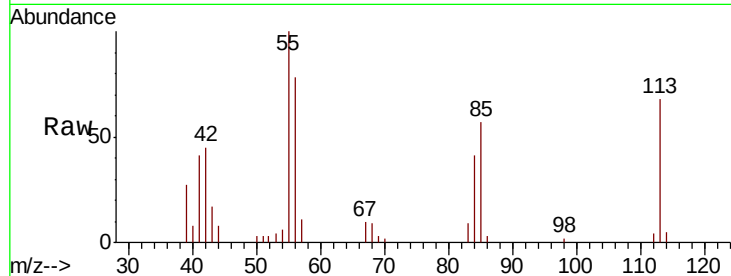




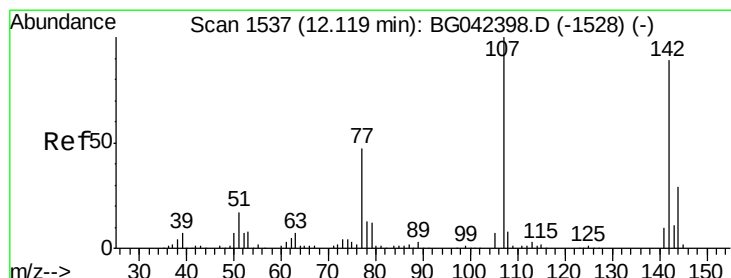
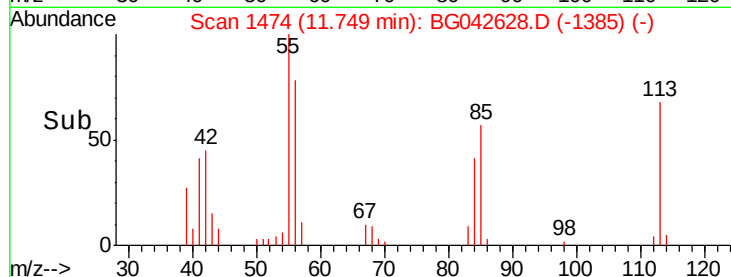
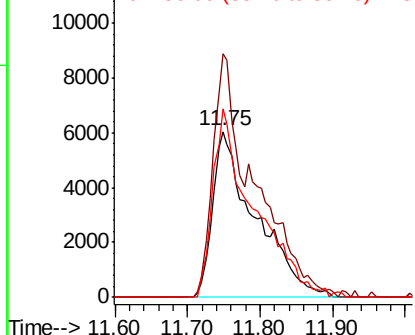
#35
Caprolactam
Concen: 35.373 ng
RT: 11.75 min Scan# 1474
Delta R.T. -0.01 min
Lab File: BG042628.D
Acq: 31 Aug 2019 10:44

Instrument :
BNA_G
ClientSampleId :
PB122704BS

Tot Ion:113 Resp: 24786
Ion Ratio Lower Upper
113 100
55 146.5 124.6 164.6
56 113.7 88.3 128.3

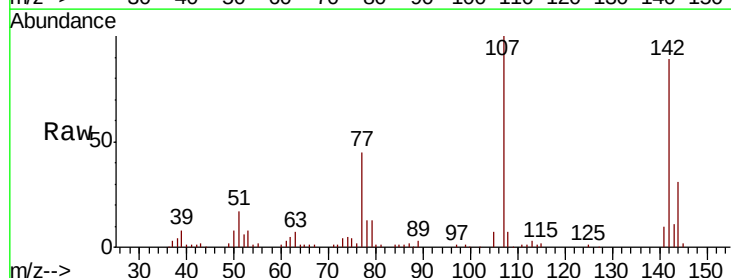


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BG
Ion 56.00 (55.70 to 56.70): BG

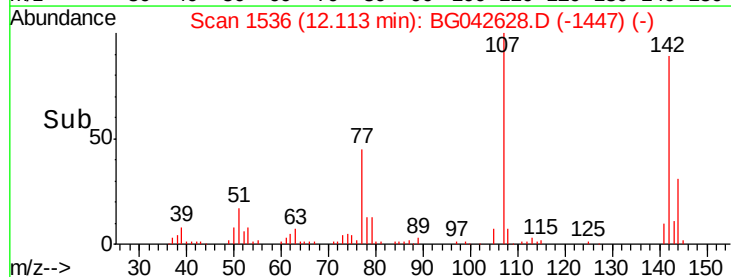
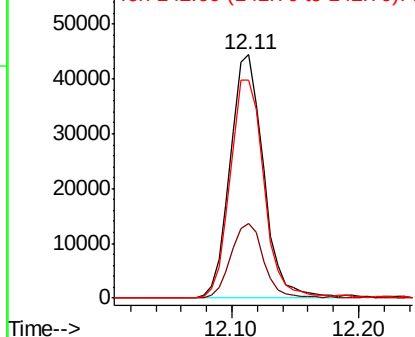


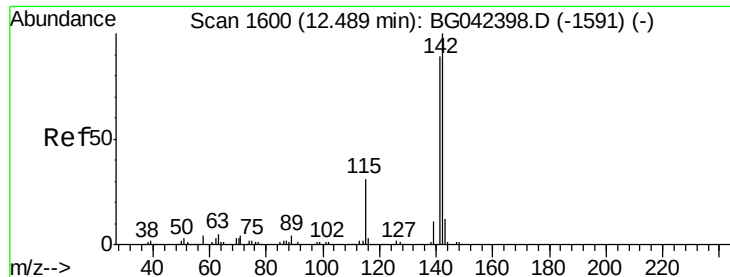
#36
4-Chloro-3-methylphenol
Concen: 40.609 ng
RT: 12.11 min Scan# 1536
Delta R.T. -0.01 min
Lab File: BG042628.D
Acq: 31 Aug 2019 10:44

Tgt Ion:107 Resp: 80953
Ion Ratio Lower Upper
107 100
144 30.6 23.6 35.4
142 89.3 71.0 106.4



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

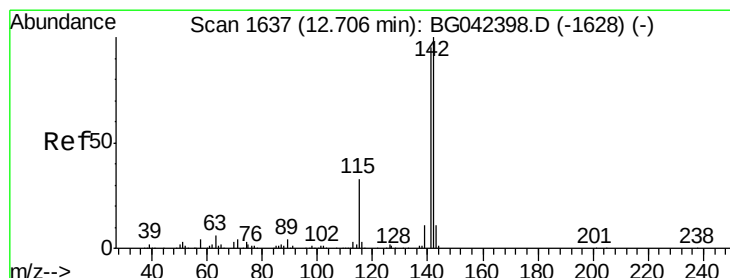
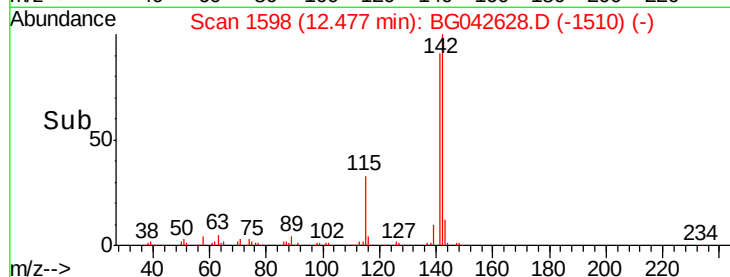
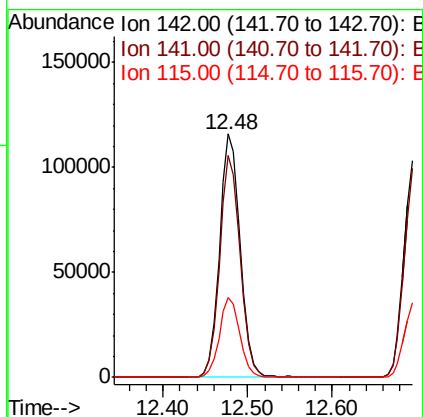
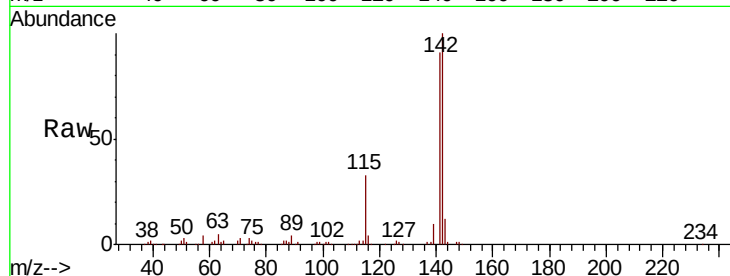




#37
 2-Methylnaphthalene
 Concen: 41.541 ng
 RT: 12.48 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BG042628.D
 Acq: 31 Aug 2019 10:44

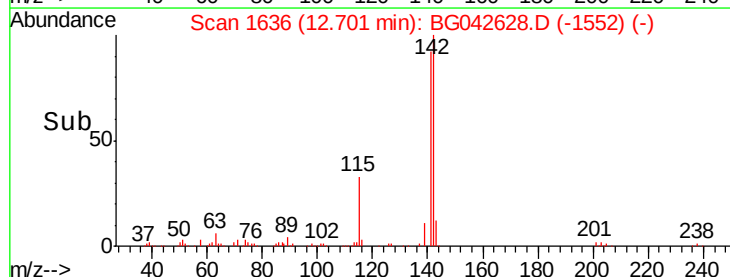
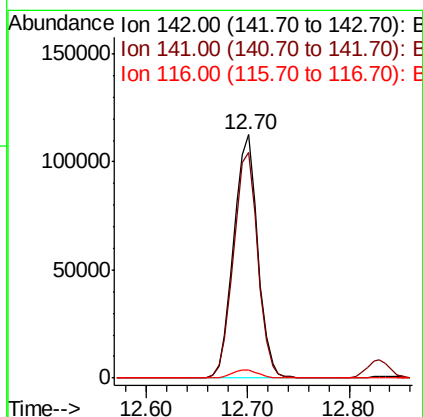
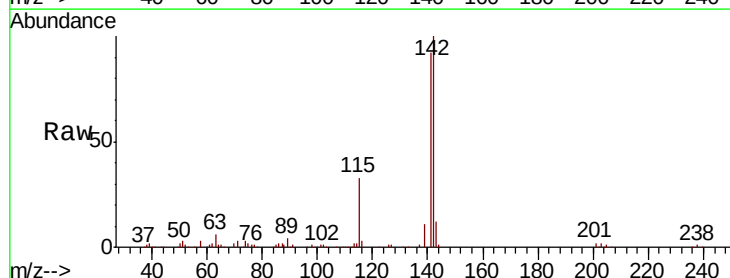
Instrument :
 BNA_G
 ClientSampleId :
 PB122704BS

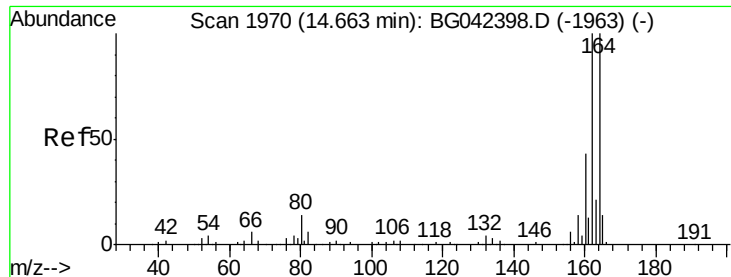
Tot Ion:142 Resp: 196489
 Ion Ratio Lower Upper
 142 100
 141 90.9 71.4 107.2
 115 32.5 25.2 37.8



#38
 1-Methylnaphthalene
 Concen: 41.356 ng
 RT: 12.70 min Scan# 1636
 Delta R.T. -0.01 min
 Lab File: BG042628.D
 Acq: 31 Aug 2019 10:44

Tgt Ion:142 Resp: 185808
 Ion Ratio Lower Upper
 142 100
 141 92.5 76.2 114.2
 116 3.3 2.8 4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BG042628.D

Acq: 31 Aug 2019 10:44

Instrument :

BNA_G

ClientSampleId :

PB122704BS

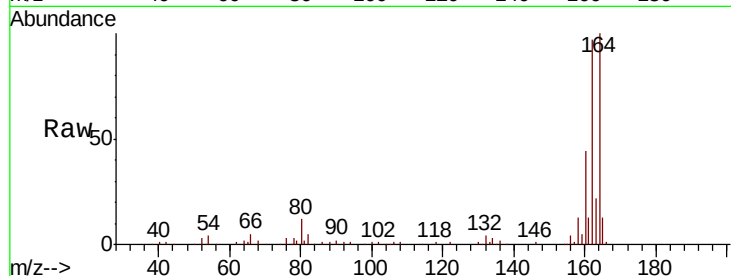
Tot Ion:164 Resp: 89625

Ion Ratio Lower Upper

164 100

162 96.8 79.9 119.9

160 43.5 34.3 51.5

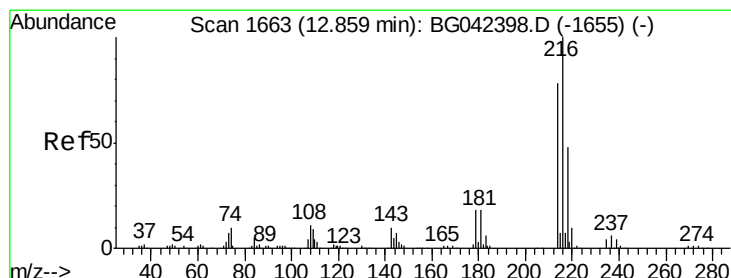
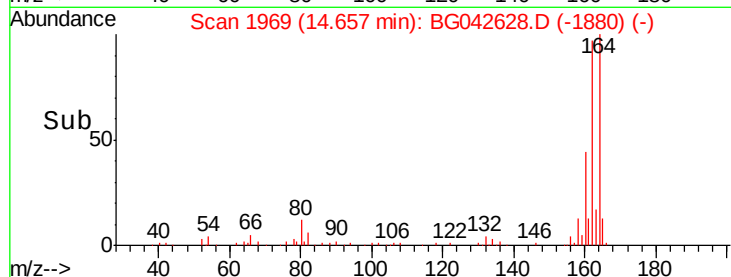
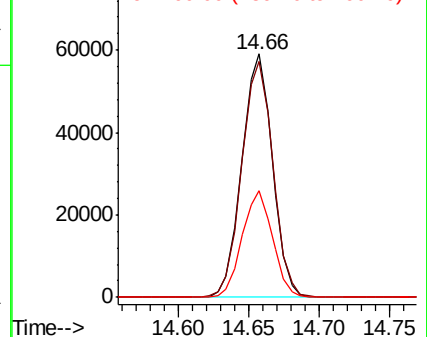


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.634 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG042628.D

Acq: 31 Aug 2019 10:44

Tgt Ion:216 Resp: 134222

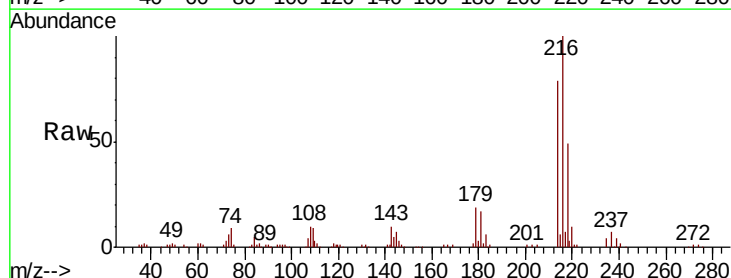
Ion Ratio Lower Upper

216 100

214 77.0 61.4 92.2

179 18.5 15.1 22.7

108 12.4 9.4 14.0



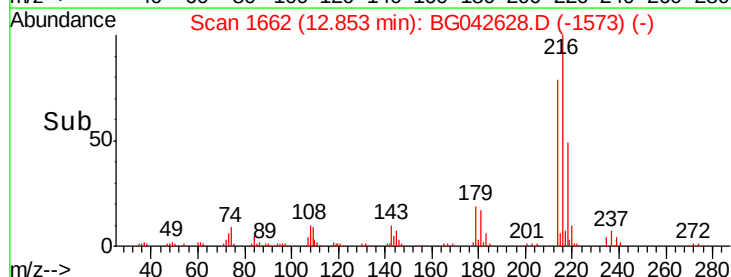
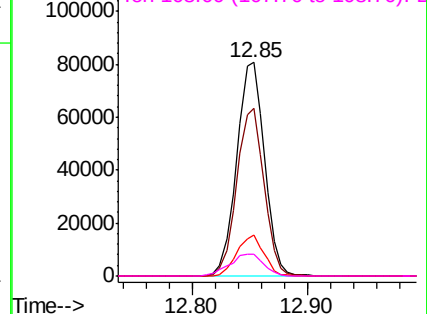
Abundance

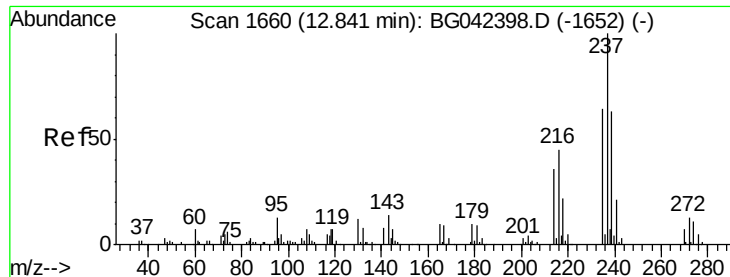
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 95.879 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.01 min

Lab File: BG042628.D

Acq: 31 Aug 2019 10:44

Instrument :

BNA_G

ClientSampleId :

PB122704BS

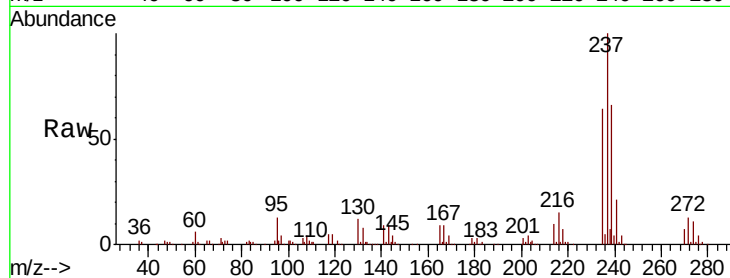
Tot Ion:237 Resp: 144957

Ion Ratio Lower Upper

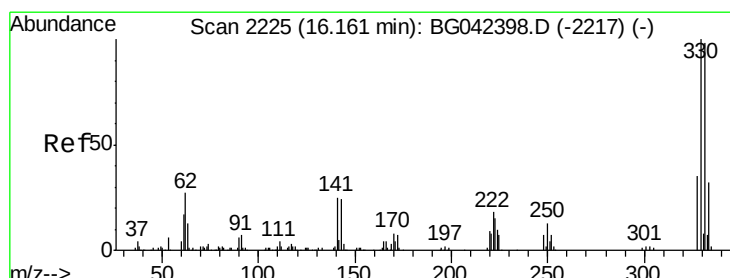
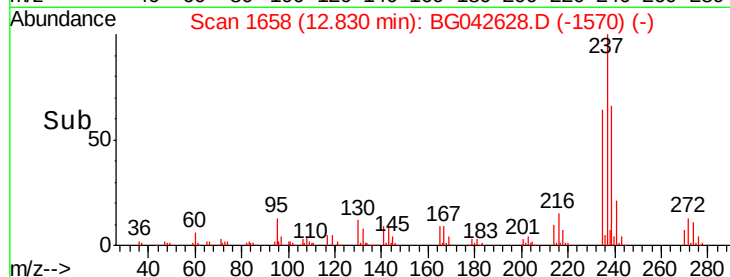
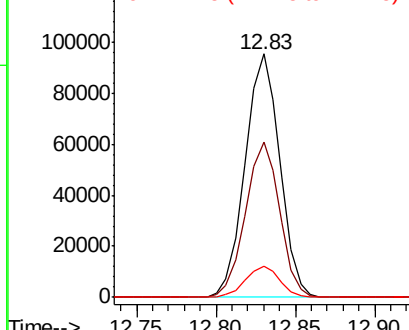
237 100

235 63.8 43.7 83.7

272 12.8 0.0 33.3



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: 113.197 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BG042628.D

Acq: 31 Aug 2019 10:44

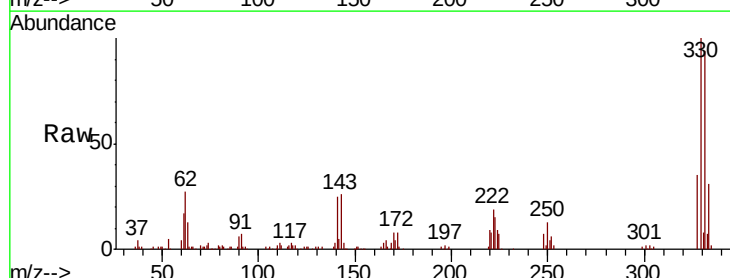
Tgt Ion:330 Resp: 144198

Ion Ratio Lower Upper

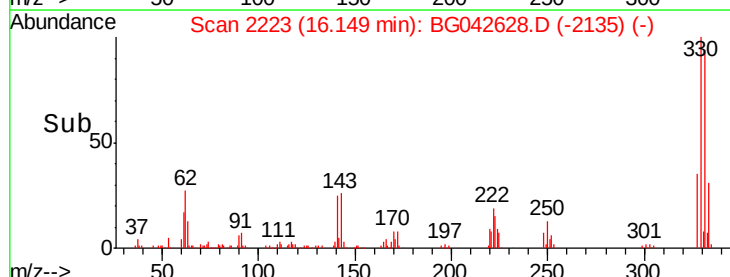
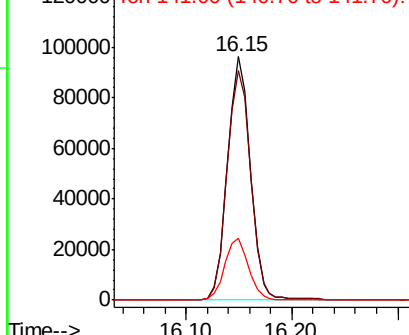
330 100

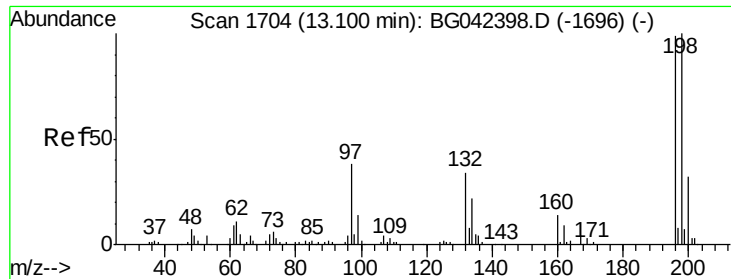
332 97.4 77.4 116.0

141 26.3 21.4 32.0



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

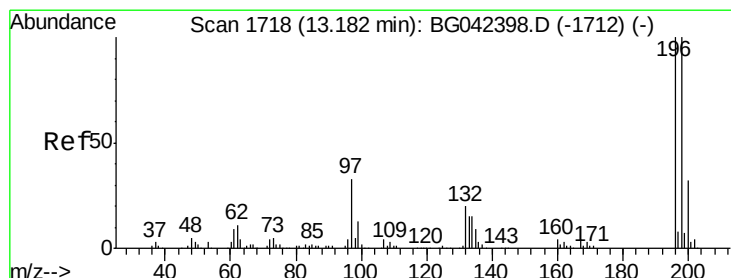
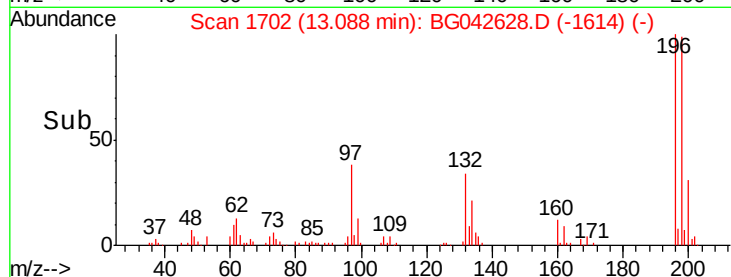
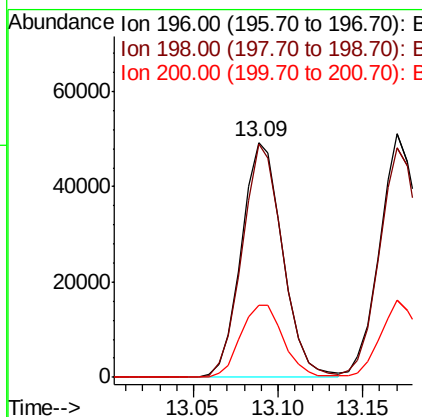
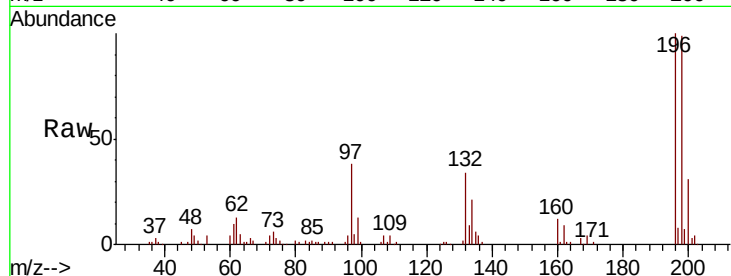




#43
 2,4,6-Trichlorophenol
 Concen: 43.056 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG042628.D
 Acq: 31 Aug 2019 10:44

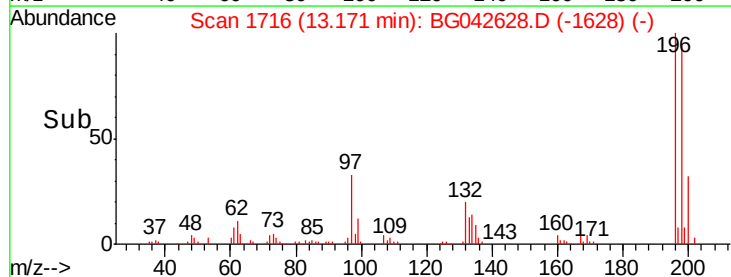
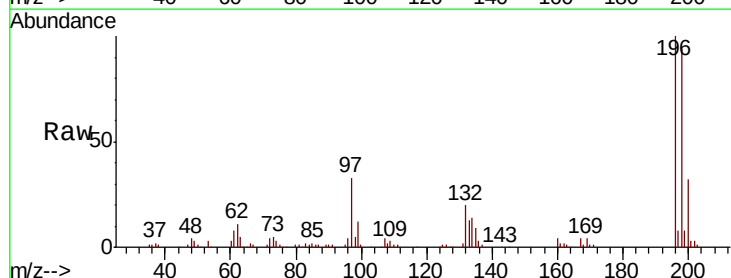
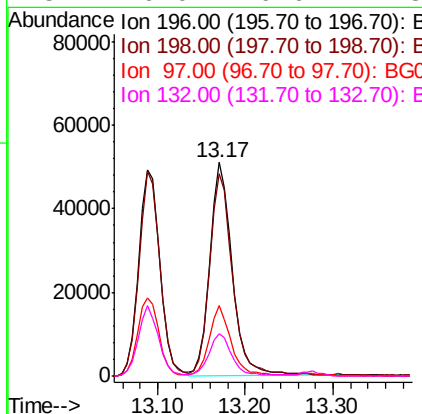
Instrument :
 BNA_G
 ClientSampleId :
 PB122704BS

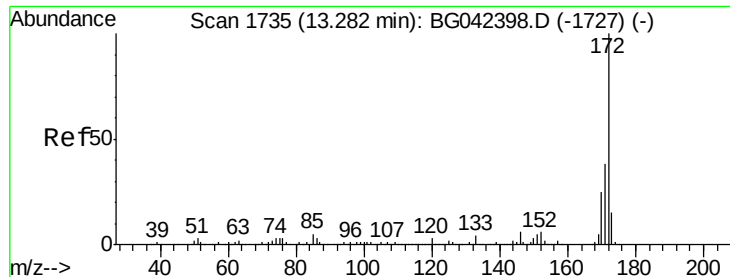
Tot Ion:196 Resp: 83763
 Ion Ratio Lower Upper
 196 100
 198 99.2 80.7 121.1
 200 30.8 25.7 38.5



#44
 2,4,5-Trichlorophenol
 Concen: 45.175 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG042628.D
 Acq: 31 Aug 2019 10:44

Tgt Ion:196 Resp: 91075
 Ion Ratio Lower Upper
 196 100
 198 94.5 80.2 120.4
 97 32.8 26.3 39.5
 132 20.0 16.6 24.8

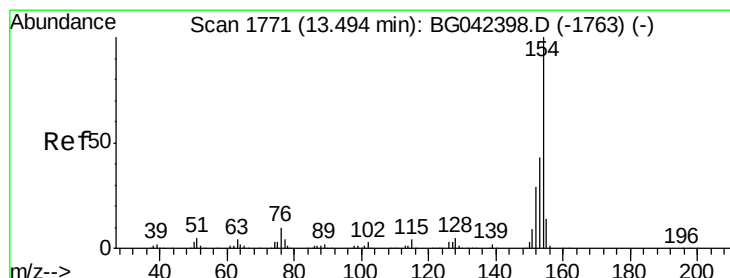
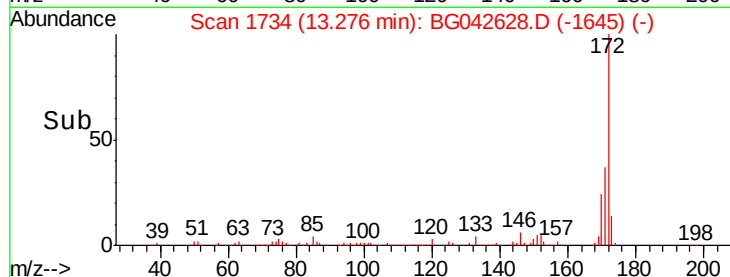
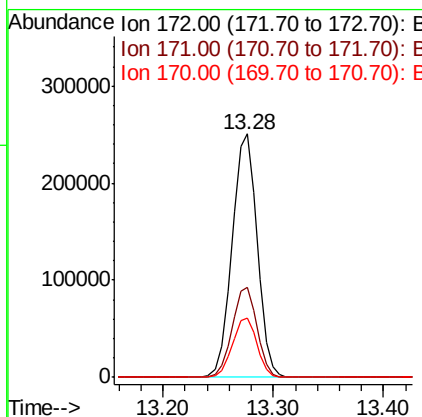
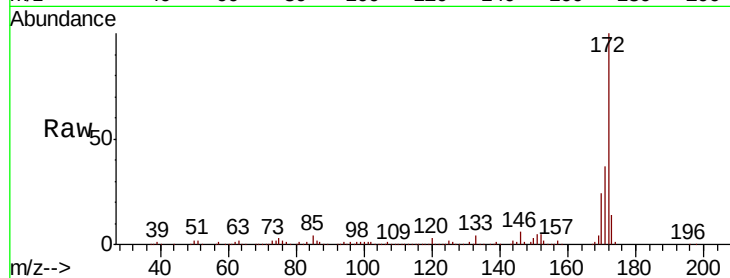




#45
2-Fluorobiphenyl
Concen: 75.432 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BG042628.D
Acq: 31 Aug 2019 10:44

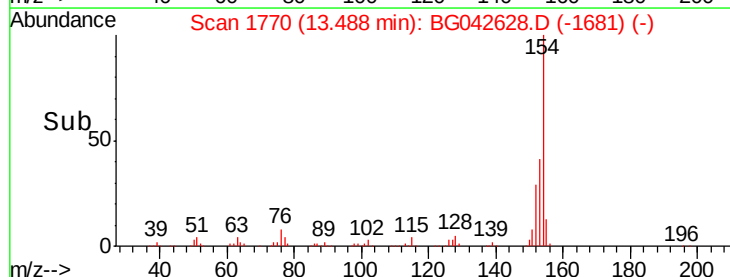
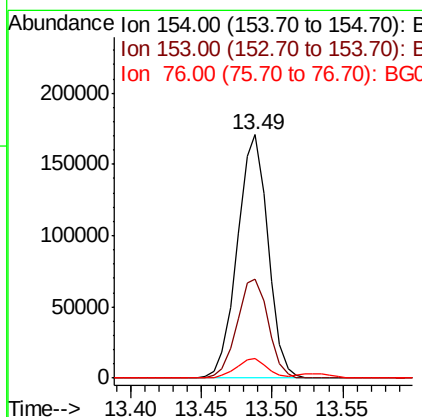
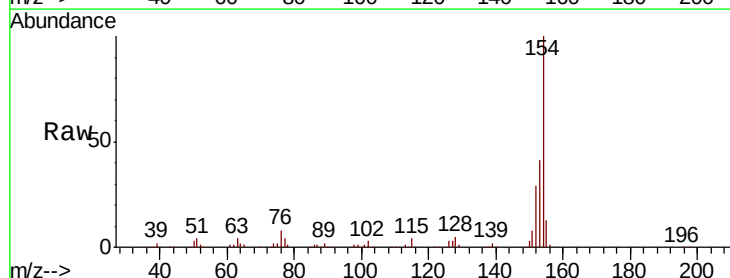
Instrument :
BNA_G
ClientSampleId :
PB122704BS

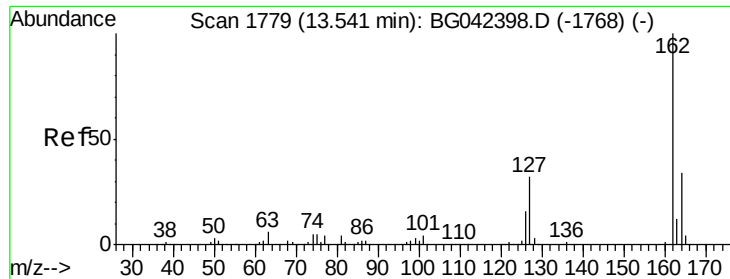
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.5	45.7
170	24.2	20.2	30.2



#46
1,1'-Biphenyl
Concen: 44.635 ng
RT: 13.49 min Scan# 1770
Delta R.T. -0.01 min
Lab File: BG042628.D
Acq: 31 Aug 2019 10:44

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.9	23.0	63.0
76	8.0	0.0	29.6





#47

2-Chloronaphthalene

Concen: 42.621 ng

RT: 13.53 min Scan# 1777

Delta R.T. -0.01 min

Lab File: BG042628.D

Acq: 31 Aug 2019 10:44

Instrument :

BNA_G

ClientSampleId :

PB122704BS

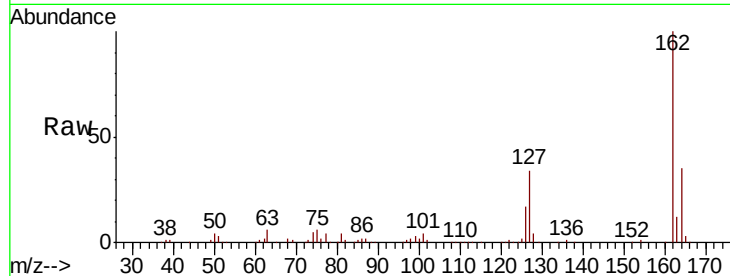
Tot Ion:162 Resp: 212911

Ion Ratio Lower Upper

162 100

127 34.3 26.0 39.0

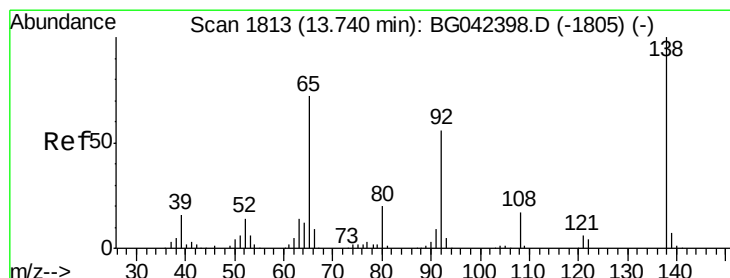
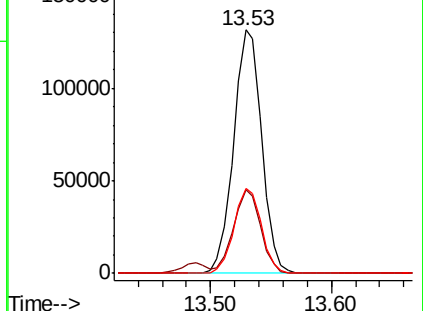
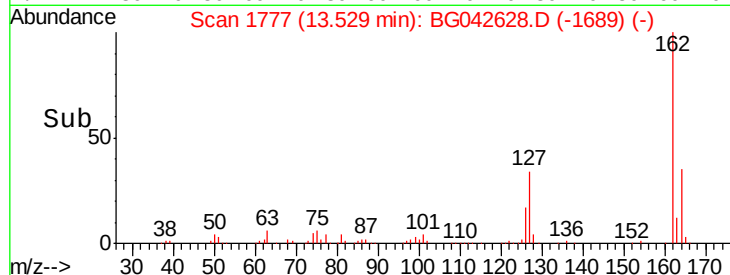
164 35.0 27.4 41.0



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 37.621 ng

RT: 13.73 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BG042628.D

Acq: 31 Aug 2019 10:44

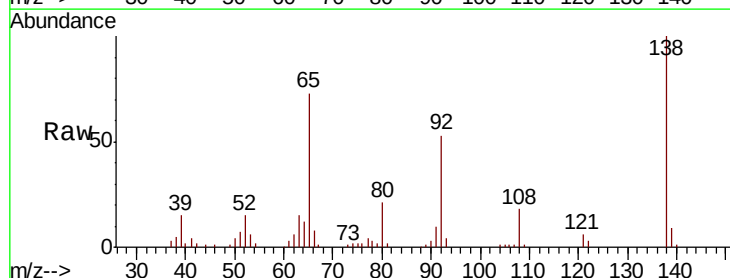
Tgt Ion: 65 Resp: 45319

Ion Ratio Lower Upper

65 100

92 72.0 61.8 92.6

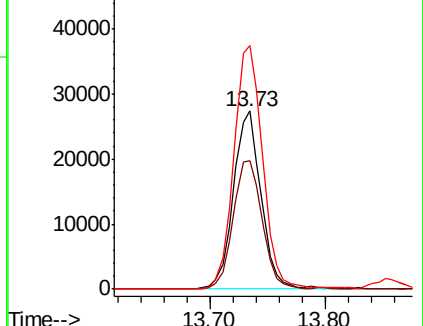
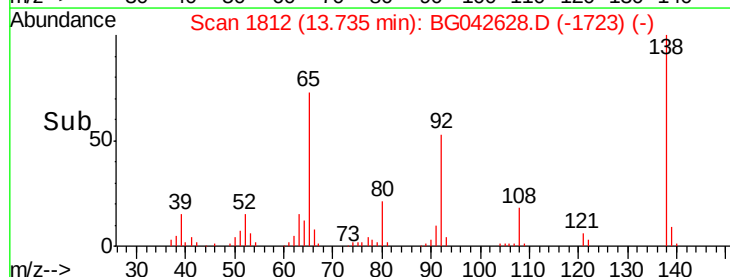
138 136.7 111.0 166.6

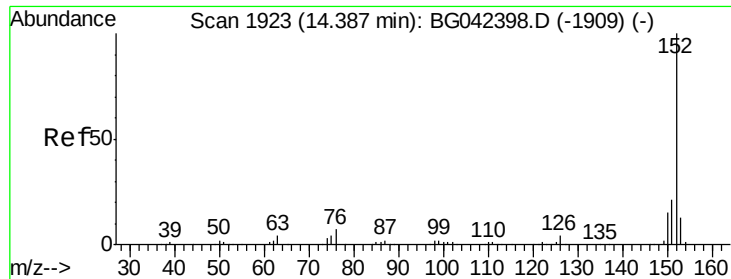


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 43.936 ng

RT: 14.38 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BG042628.D

Acq: 31 Aug 2019 10:44

Instrument :

BNA_G

ClientSampleId :

PB122704BS

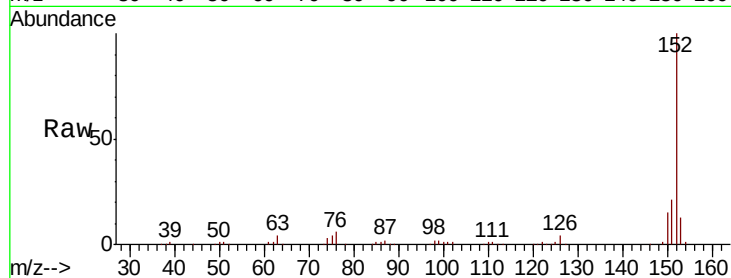
Tot Ion:152 Resp: 330204

Ion Ratio Lower Upper

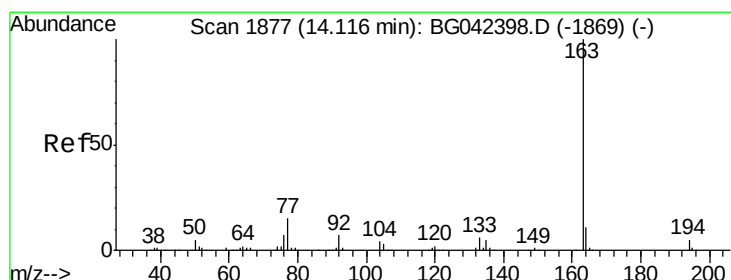
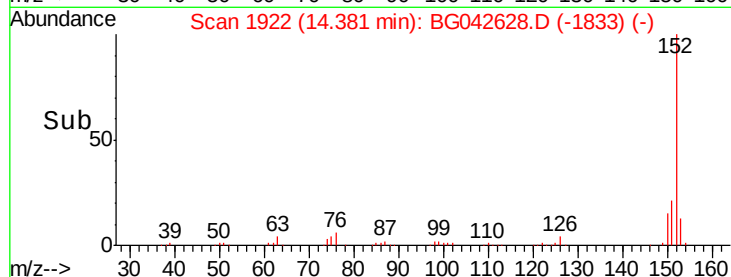
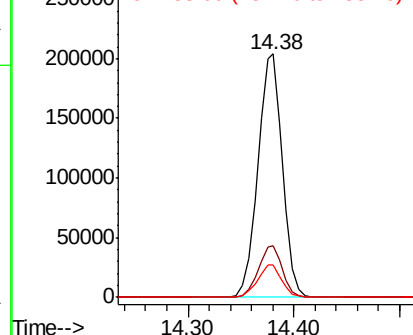
152 100

151 21.2 17.0 25.4

153 13.2 10.6 16.0



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



#50

Dimethylphthalate

Concen: 41.153 ng

RT: 14.10 min Scan# 1875

Delta R.T. -0.01 min

Lab File: BG042628.D

Acq: 31 Aug 2019 10:44

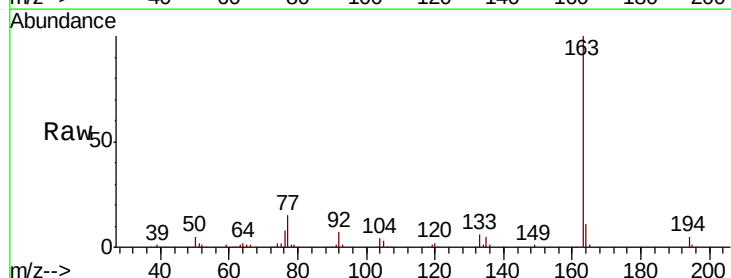
Tgt Ion:163 Resp: 266126

Ion Ratio Lower Upper

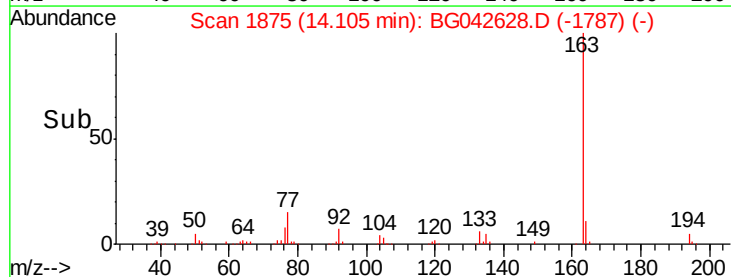
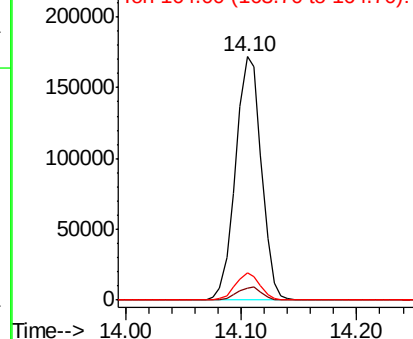
163 100

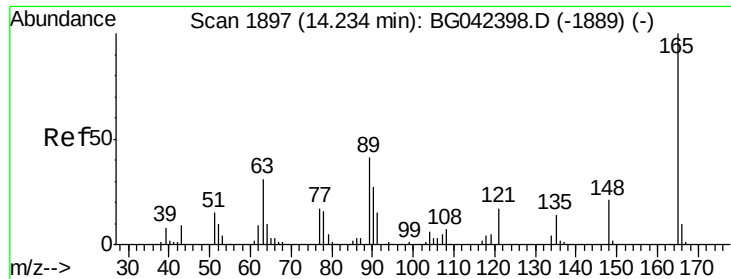
194 5.0 4.2 6.2

164 11.0 8.8 13.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

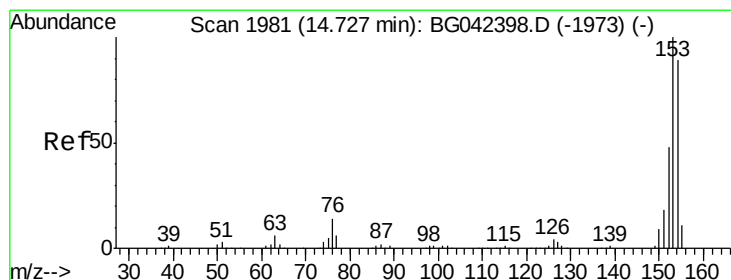
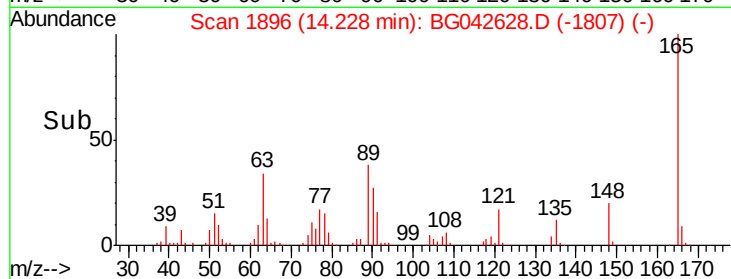
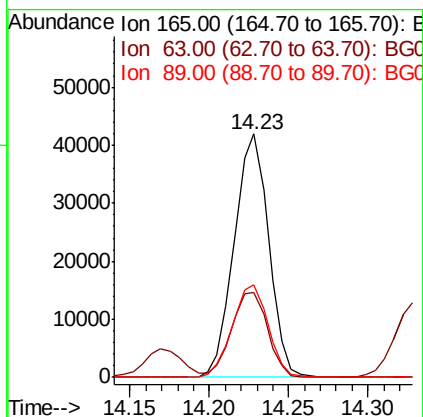
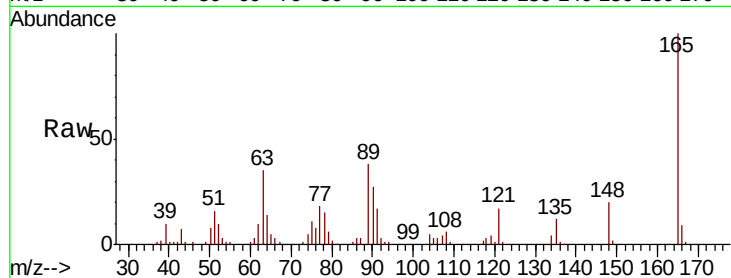




#51
2,6-Dinitrotoluene
Concen: 42.283 ng
RT: 14.23 min Scan# 1896
Delta R.T. -0.01 min
Lab File: BG042628.D
Acq: 31 Aug 2019 10:44

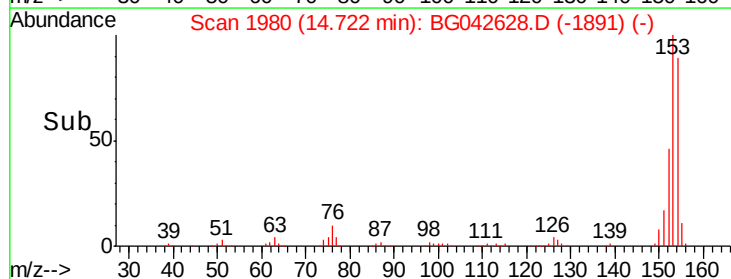
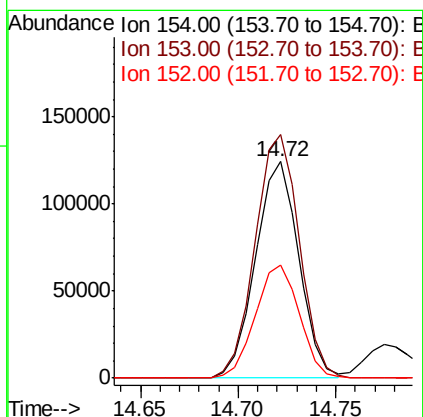
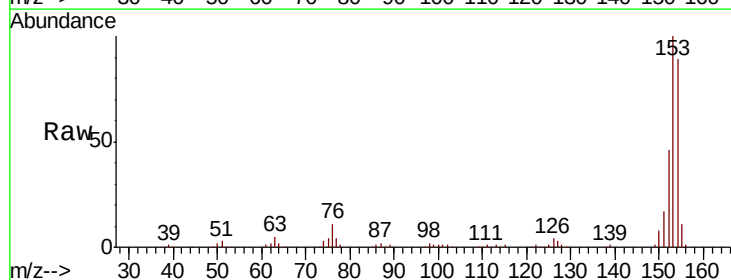
Instrument :
BNA_G
ClientSampled :
PB122704BS

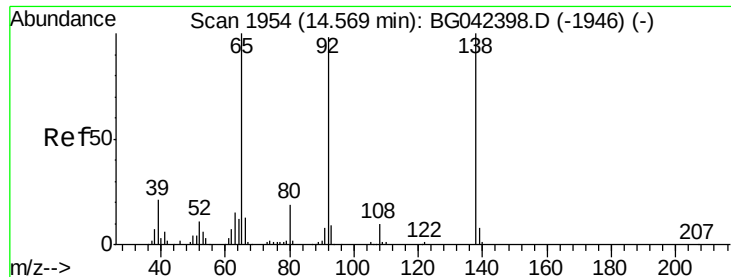
Tot Ion:165 Resp: 63380
Ion Ratio Lower Upper
165 100
63 34.7 30.6 45.8
89 37.9 32.6 49.0



#52
Acenaphthene
Concen: 41.806 ng
RT: 14.72 min Scan# 1980
Delta R.T. -0.01 min
Lab File: BG042628.D
Acq: 31 Aug 2019 10:44

Tgt Ion:154 Resp: 190785
Ion Ratio Lower Upper
154 100
153 112.5 90.2 135.4
152 52.3 43.2 64.8

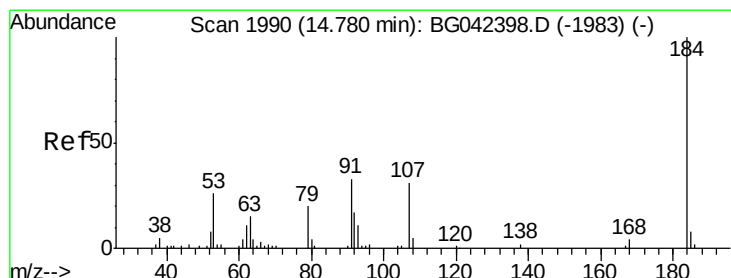
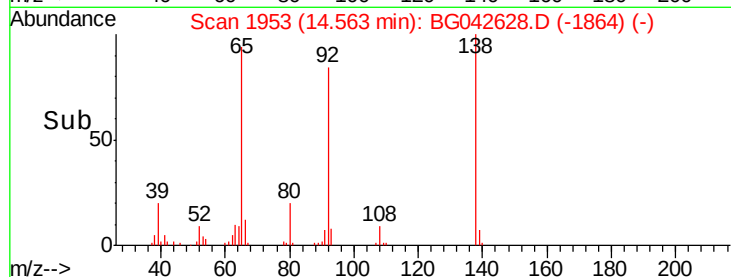
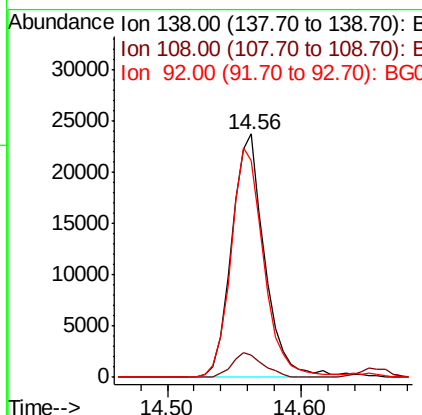
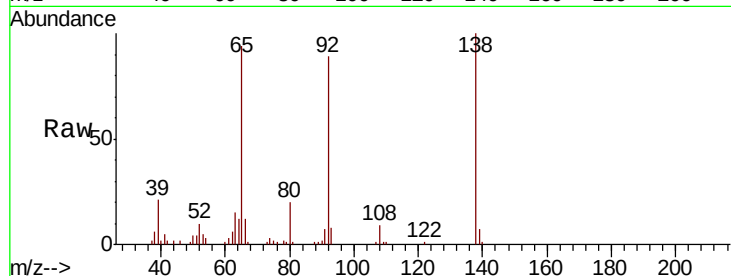




#53
 3-Nitroaniline
 Concen: 27.161 ng
 RT: 14.56 min Scan# 1953
 Delta R.T. -0.01 min
 Lab File: BG042628.D
 Acq: 31 Aug 2019 10:44

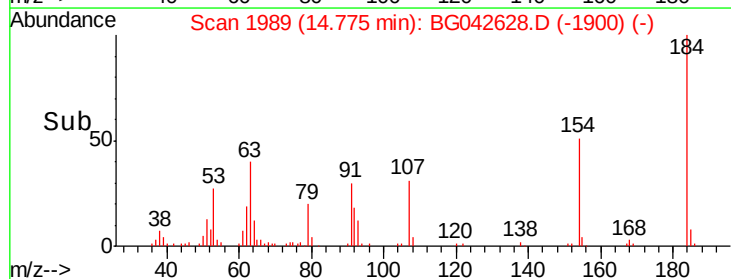
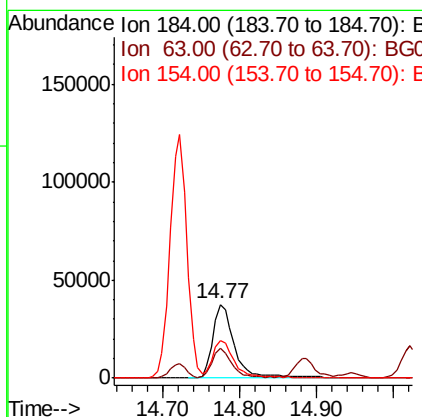
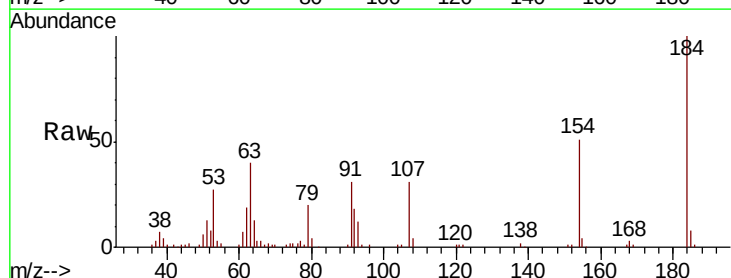
Instrument :
 BNA_G
 ClientSampleId :
 PB122704BS

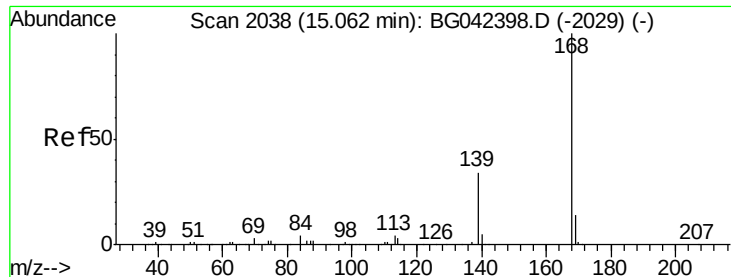
Tot Ion:138 Resp: 40717
 Ion Ratio Lower Upper
 138 100
 108 9.0 8.3 12.5
 92 89.1 78.2 117.4



#54
 2,4-Dinitrophenol
 Concen: 73.228 ng
 RT: 14.77 min Scan# 1989
 Delta R.T. -0.01 min
 Lab File: BG042628.D
 Acq: 31 Aug 2019 10:44

Tgt Ion:184 Resp: 73411
 Ion Ratio Lower Upper
 184 100
 63 39.8 31.7 47.5
 154 51.0 42.0 63.0

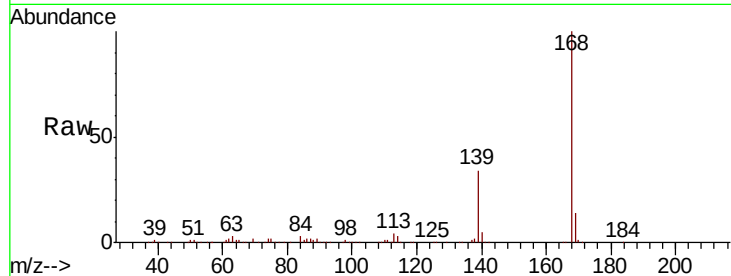




#55
Dibenzenofuran
Concen: 43.977 ng
RT: 15.06 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BG042628.D
Acq: 31 Aug 2019 10:44

Instrument :
BNA_G
ClientSampleId :
PB122704BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	34.3	27.2	40.8
169	13.8	11.5	17.3

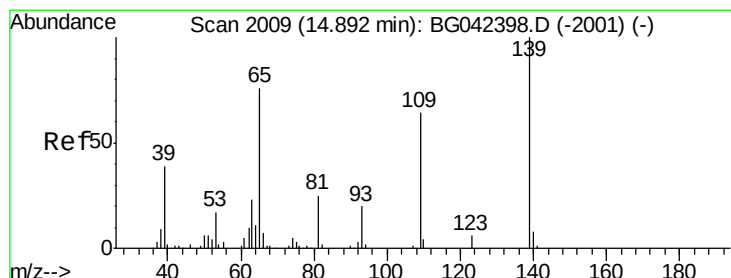
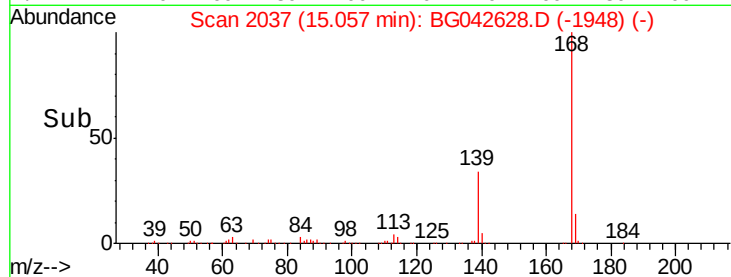
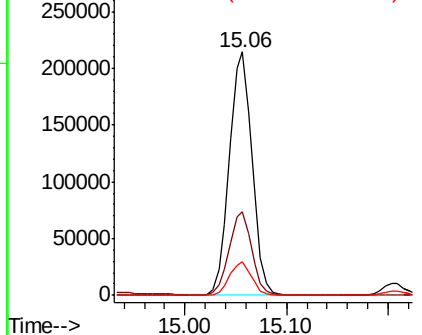


Abundance

Ion 168.00 (167.70 to 168.70): E

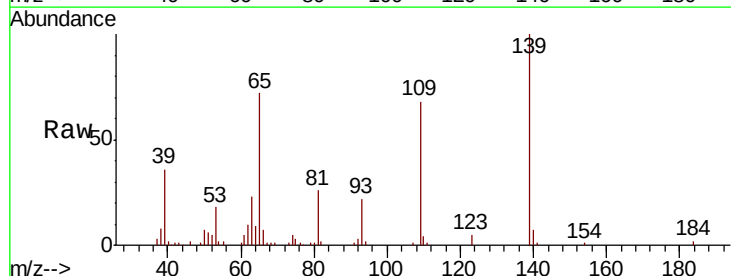
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 79.611 ng
RT: 14.89 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BG042628.D
Acq: 31 Aug 2019 10:44

Tgt Ion	Ratio	Lower	Upper
139	100		
109	67.6	43.9	83.9
65	71.5	56.3	96.3

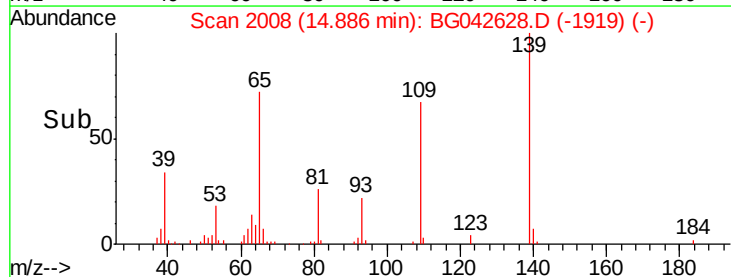
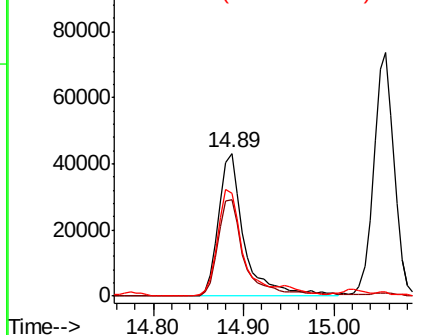


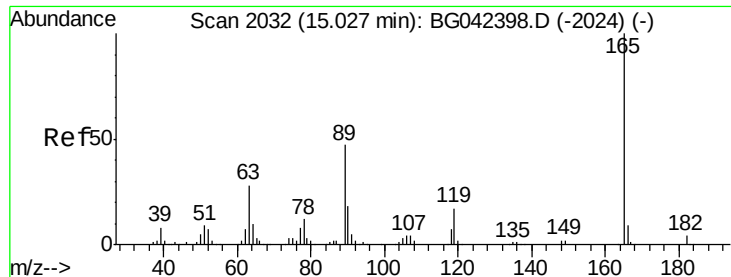
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

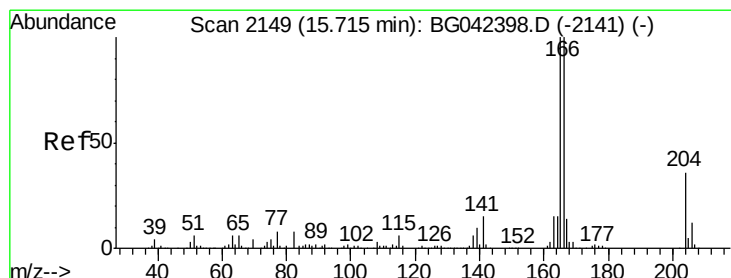
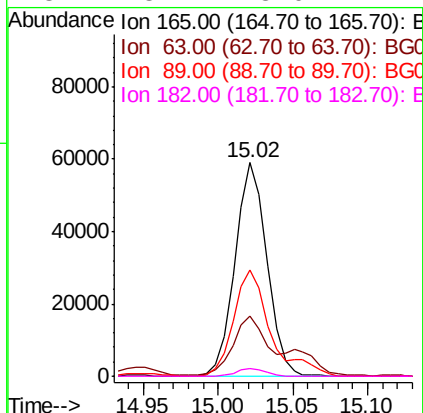
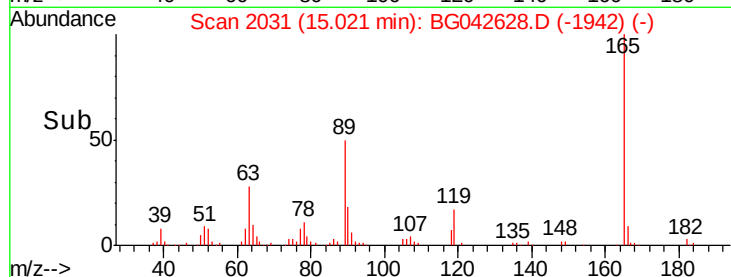
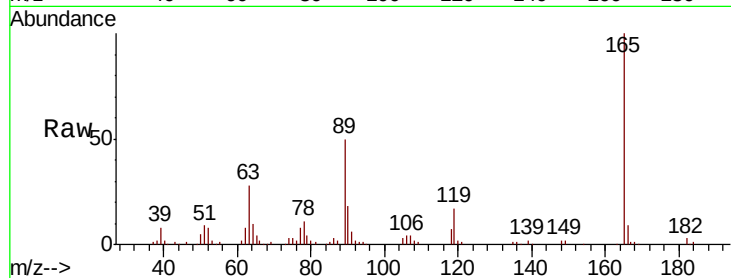




#57
 2,4-Dinitrotoluene
 Concen: 40.845 ng
 RT: 15.02 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BG042628.D
 Acq: 31 Aug 2019 10:44

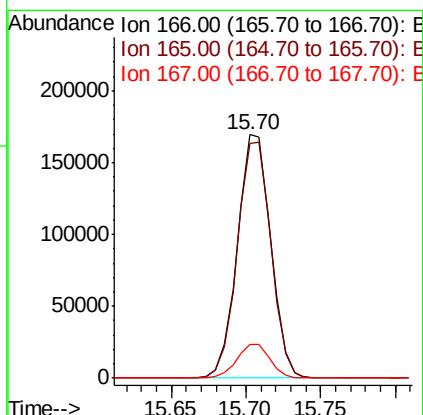
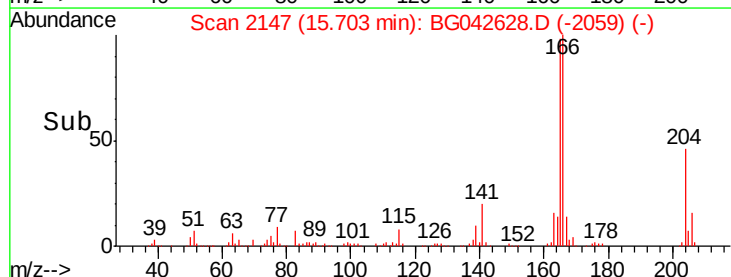
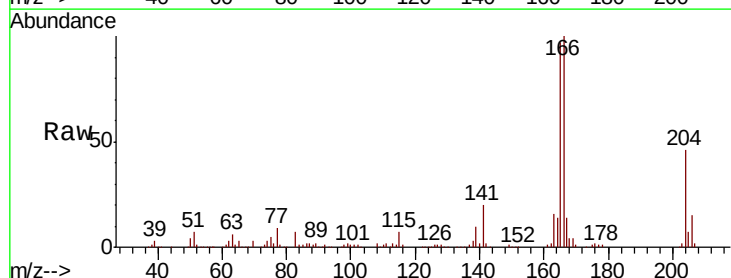
Instrument :
 BNA_G
 ClientSampleId :
 PB122704BS

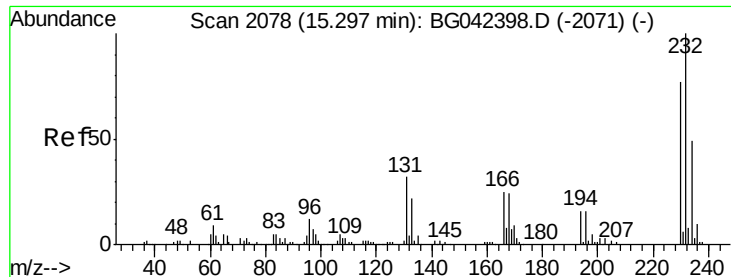
Tot Ion:165	Resp:	87673	
Ion Ratio	Lower	Upper	
165 100			
63 28.0	22.5	33.7	
89 49.8	37.8	56.6	
182 3.4	3.0	4.4	



#58
 Fluorene
 Concen: 42.390 ng
 RT: 15.70 min Scan# 2147
 Delta R.T. -0.01 min
 Lab File: BG042628.D
 Acq: 31 Aug 2019 10:44

Tgt	Ion:166	Resp:	261759
Ion	Ratio	Lower	Upper
166	100		
165	96.6	79.7	119.5
167	13.9	10.9	16.3

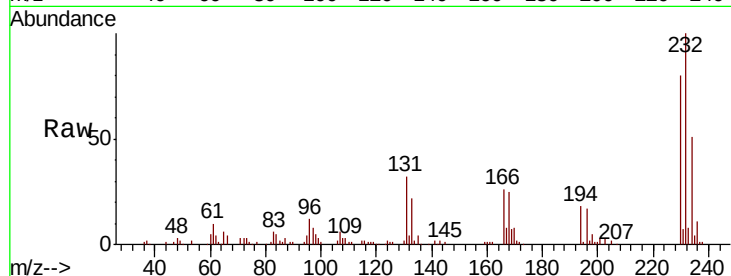




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.139 ng
 RT: 15.29 min Scan# 2076
 Delta R.T. -0.01 min
 Lab File: BG042628.D
 Acq: 31 Aug 2019 10:44

Instrument :
 BNA_G
 ClientSampleId :
 PB122704BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	32.5	22.9	34.3
130	1.0	1.4	2.0
166	26.9	17.0	25.4



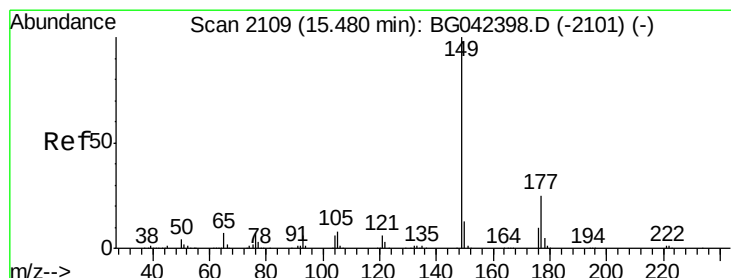
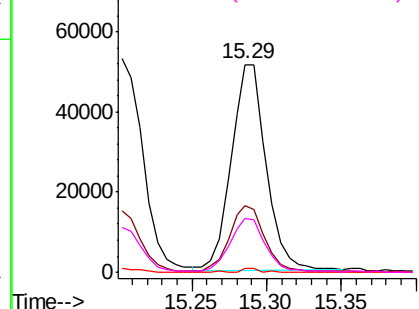
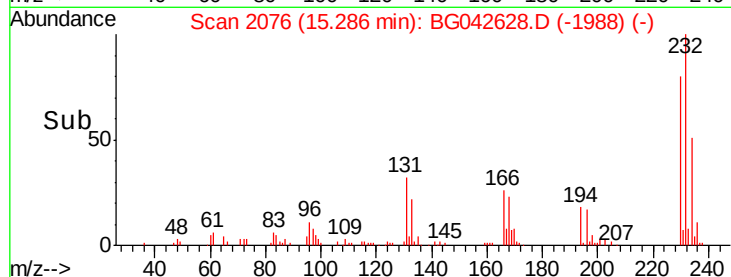
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

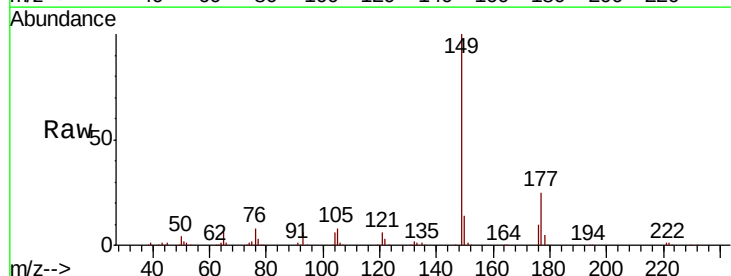
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 40.535 ng
 RT: 15.47 min Scan# 2107
 Delta R.T. -0.01 min
 Lab File: BG042628.D
 Acq: 31 Aug 2019 10:44

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.6	20.4	30.6
150	13.5	10.3	15.5

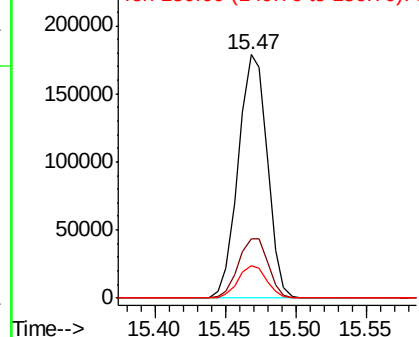
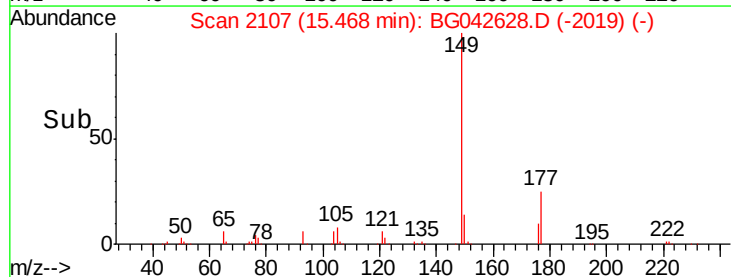


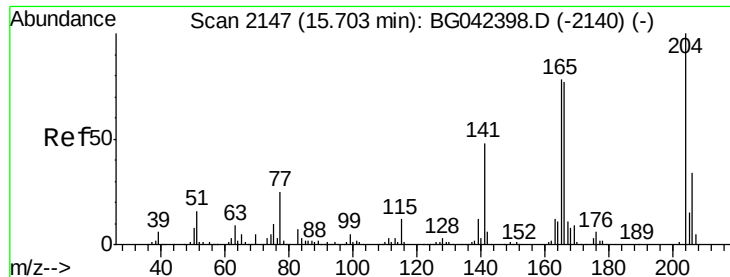
Abundance

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

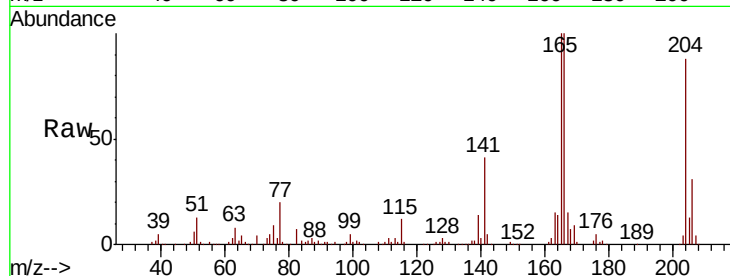




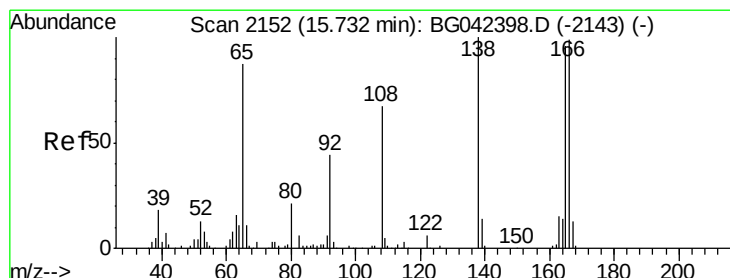
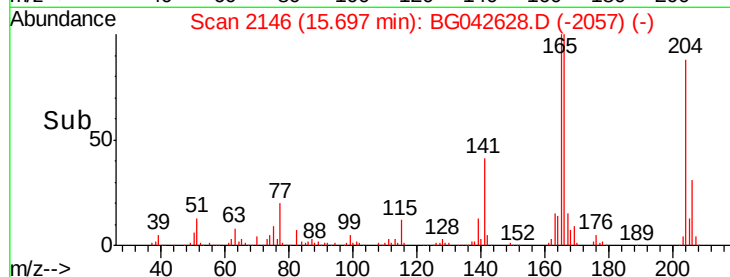
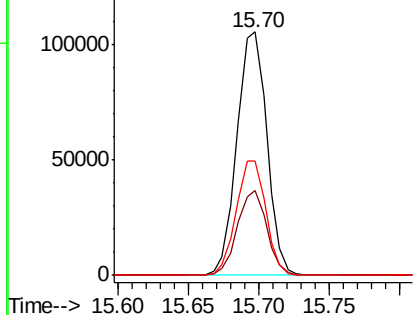
#61
 4-Chlorophenyl-phenylether
 Concen: 42.198 ng
 RT: 15.70 min Scan# 2146
 Delta R.T. -0.01 min
 Lab File: BG042628.D
 Acq: 31 Aug 2019 10:44

Instrument :
 BNA_G
 ClientSampleId :
 PB122704BS

Tot Ion:204 Resp: 157076
 Ion Ratio Lower Upper
 204 100
 206 34.8 27.2 40.8
 141 46.9 38.7 58.1

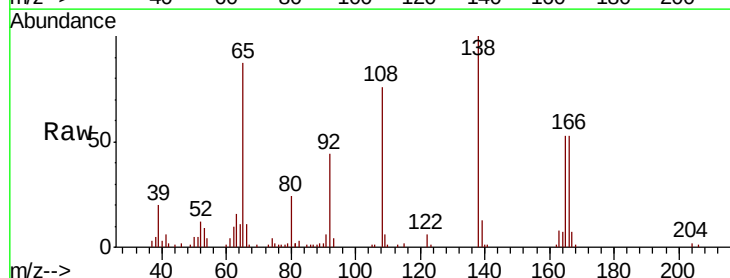


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

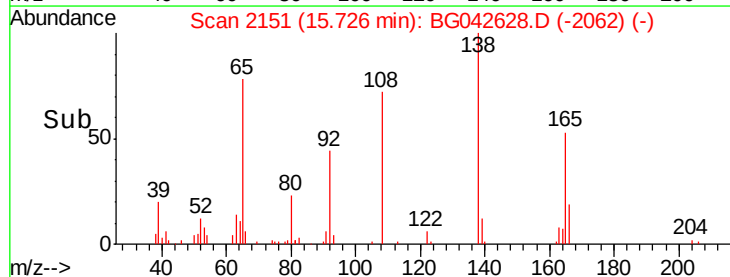
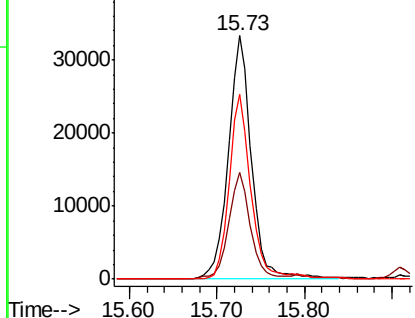


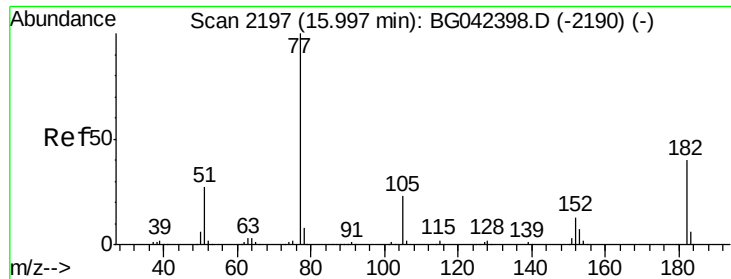
#62
 4-Nitroaniline
 Concen: 37.568 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. -0.01 min
 Lab File: BG042628.D
 Acq: 31 Aug 2019 10:44

Tgt Ion:138 Resp: 60274
 Ion Ratio Lower Upper
 138 100
 92 43.6 24.2 64.2
 108 75.9 46.8 86.8



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

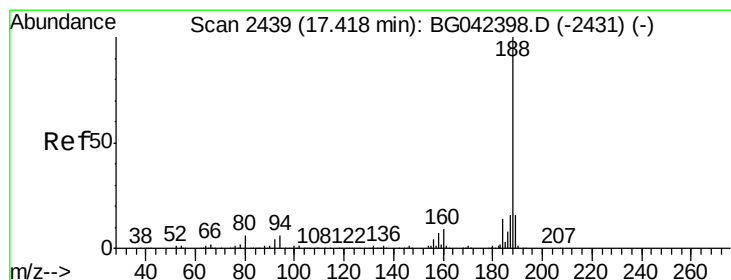
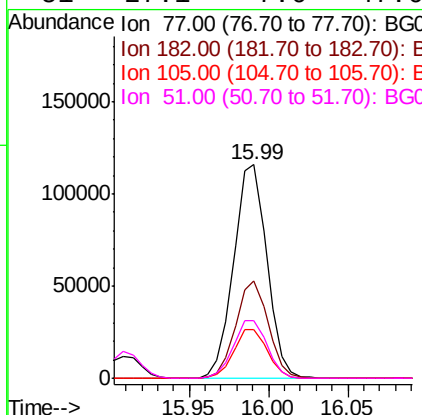
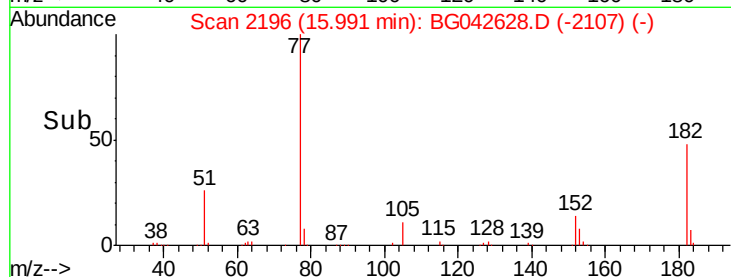
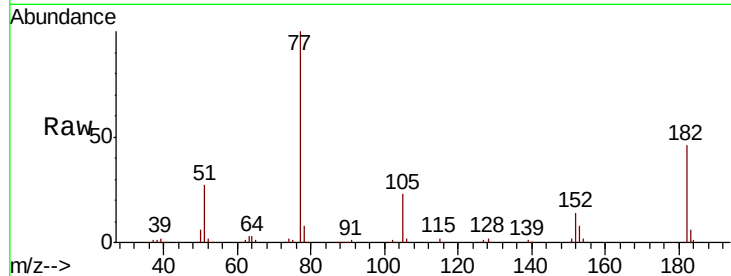




#63
Azobenzene
Concen: 38.908 ng
RT: 15.99 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BG042628.D
Acq: 31 Aug 2019 10:44

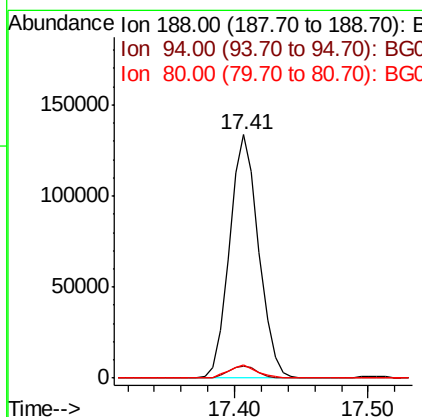
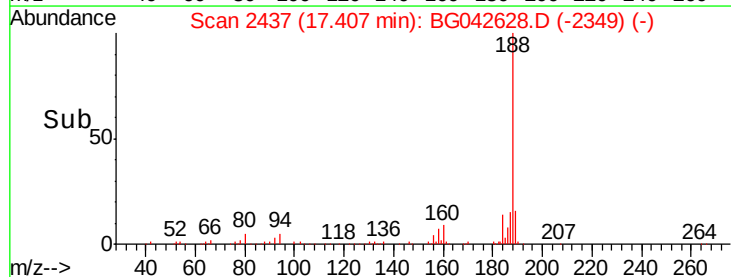
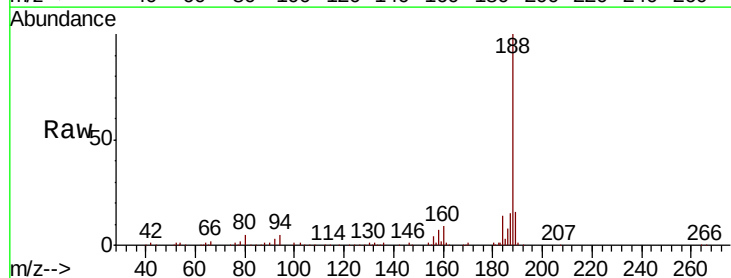
Instrument :
BNA_G
ClientSampleId :
PB122704BS

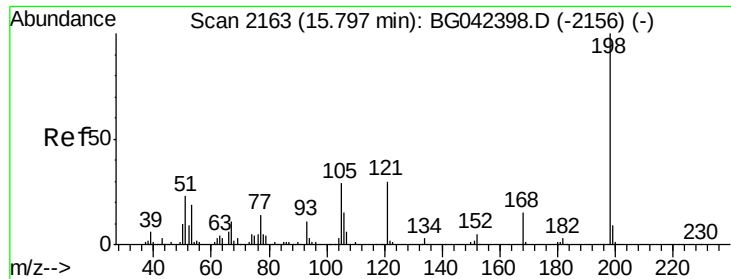
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	45.7	19.9	59.9	
105	22.8	2.9	42.9	
51	27.1	7.6	47.6	



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG042628.D
Acq: 31 Aug 2019 10:44

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	5.1	4.5	6.7	
80	5.2	4.9	7.3	





#65

4,6-Dinitro-2-methylphenol

Concen: 44.388 ng

RT: 15.80 min Scan# 2163

Delta R.T. 0.00 min

Lab File: BG042628.D

Acq: 31 Aug 2019 10:44

Instrument :

BNA_G

ClientSampleId :

PB122704BS

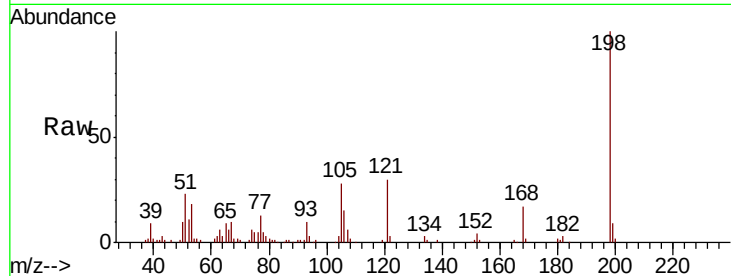
Tot Ion:198 Resp: 56602

Ion Ratio Lower Upper

198 100

51 23.5 4.2 44.2

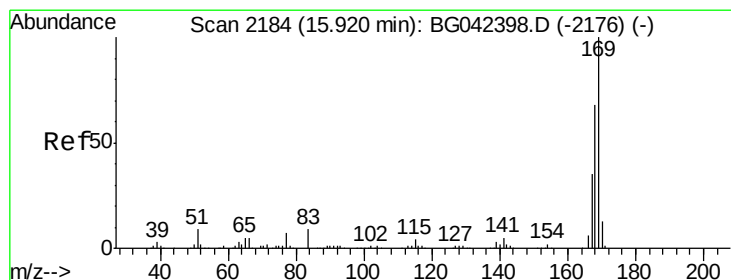
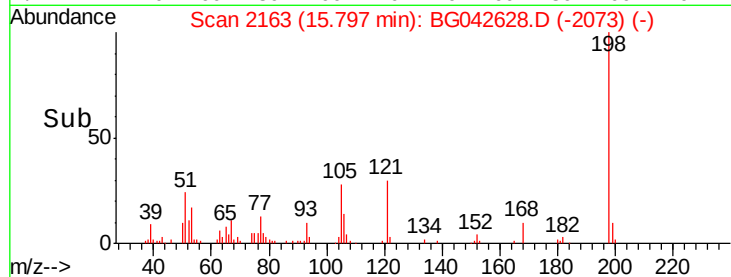
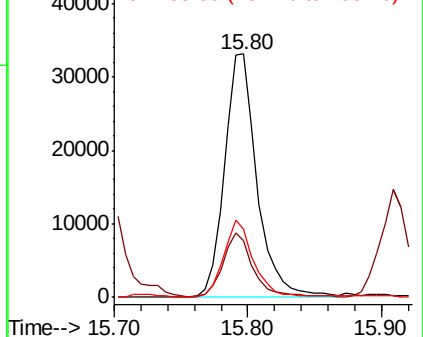
105 27.8 8.8 48.8



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: 43.296 ng

RT: 15.91 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BG042628.D

Acq: 31 Aug 2019 10:44

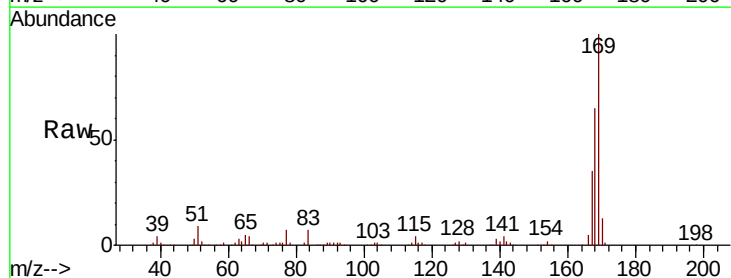
Tgt Ion:169 Resp: 242166

Ion Ratio Lower Upper

169 100

168 64.8 54.3 81.5

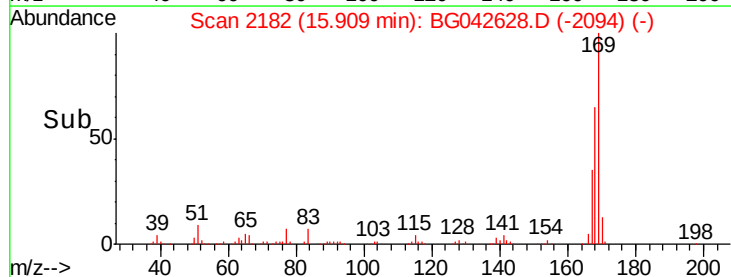
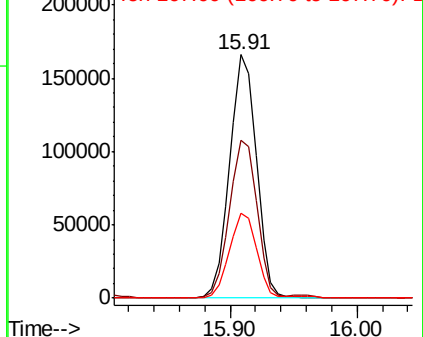
167 35.0 28.2 42.2

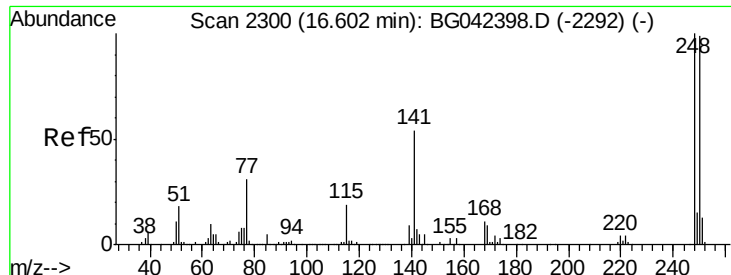


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

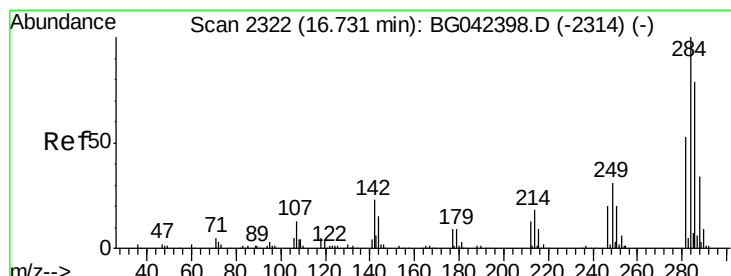
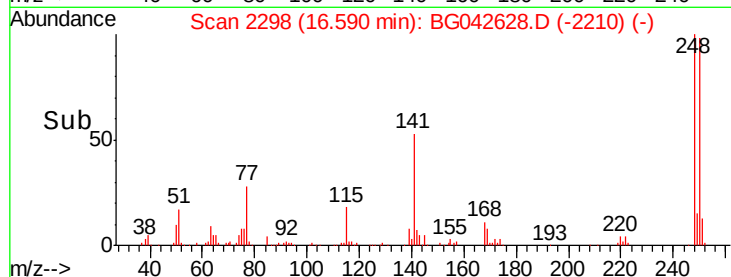
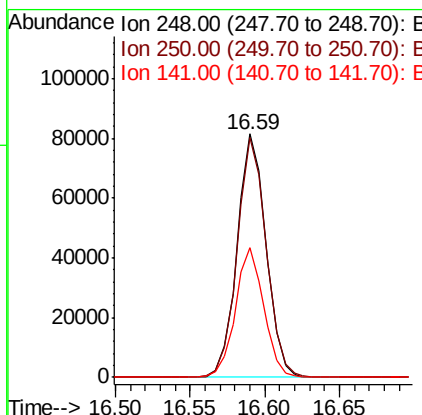
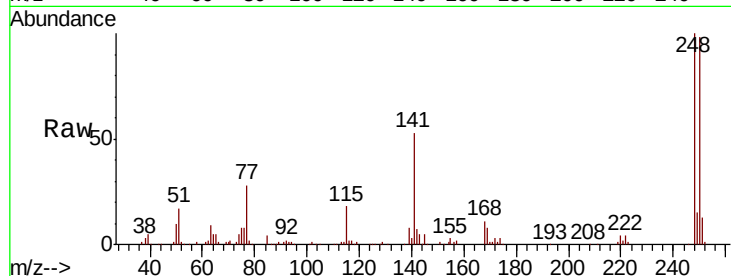




#67
 4-Bromophenyl-phenylether
 Concen: 42.505 ng
 RT: 16.59 min Scan# 2298
 Delta R.T. -0.01 min
 Lab File: BG042628.D
 Acq: 31 Aug 2019 10:44

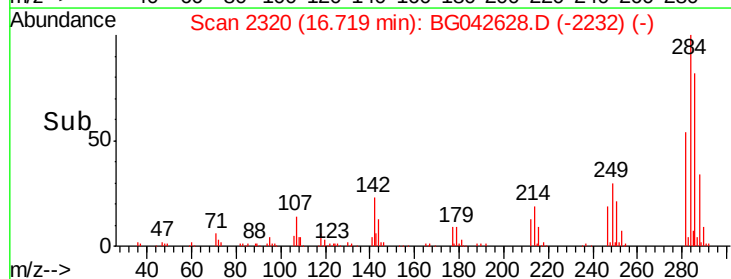
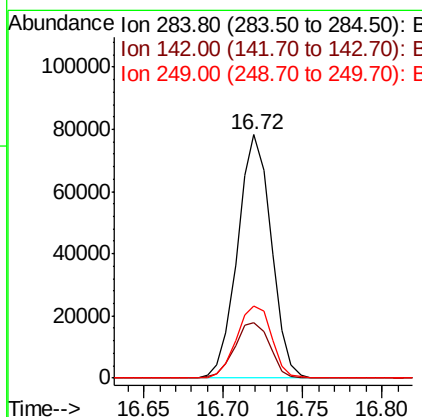
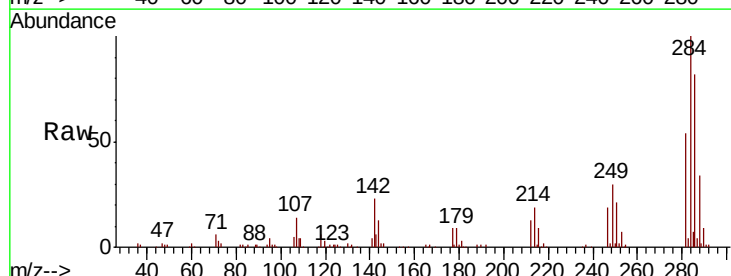
Instrument :
 BNA_G
 ClientSampleId :
 PB122704BS

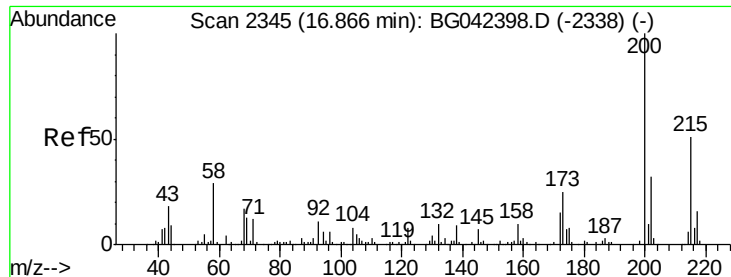
Tot Ion	Ratio	Lower	Upper
248	100		
250	98.2	78.9	118.3
141	53.3	43.3	64.9



#68
 Hexachlorobenzene
 Concen: 41.140 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. -0.01 min
 Lab File: BG042628.D
 Acq: 31 Aug 2019 10:44

Tgt Ion	Ratio	Lower	Upper
284	100		
142	22.6	18.2	27.4
249	29.8	25.0	37.4





#69

Atrazine

Concen: 45.640 ng

RT: 16.86 min Scan# 2344

Delta R.T. -0.01 min

Lab File: BG042628.D

Acq: 31 Aug 2019 10:44

Instrument :

BNA_G

ClientSampleId :

PB122704BS

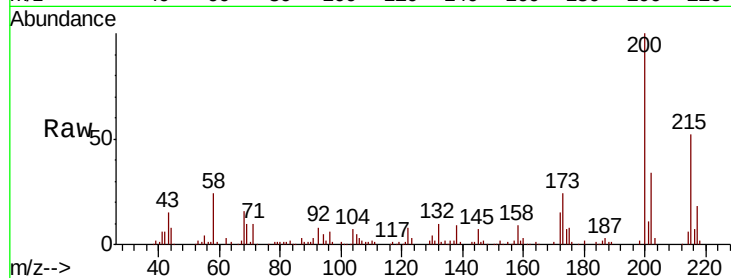
Tot Ion:200 Resp: 90274

Ion Ratio Lower Upper

200 100

173 24.0 4.9 44.9

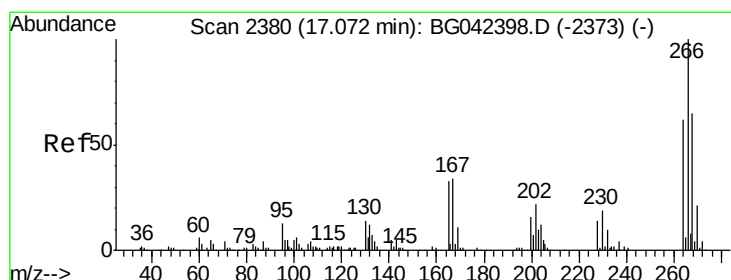
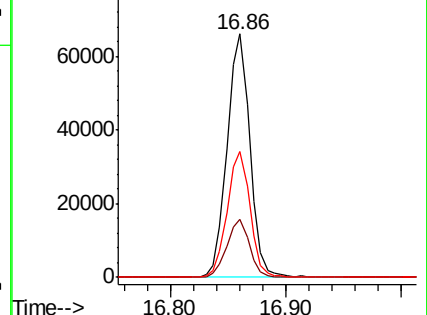
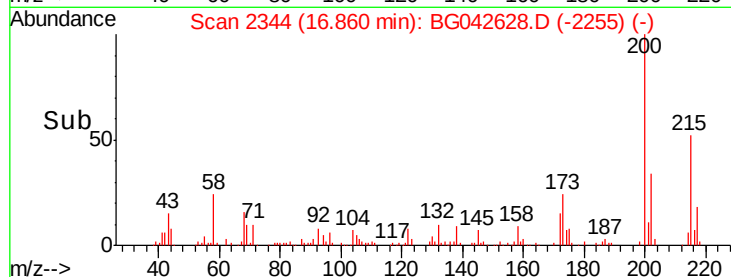
215 51.7 30.7 70.7



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: 87.664 ng

RT: 17.07 min Scan# 2379

Delta R.T. -0.01 min

Lab File: BG042628.D

Acq: 31 Aug 2019 10:44

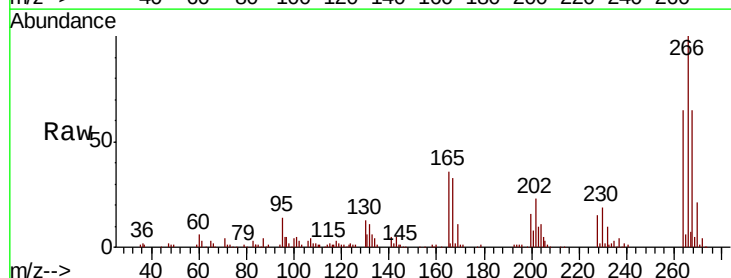
Tgt Ion:266 Resp: 127741

Ion Ratio Lower Upper

266 100

268 64.9 52.1 78.1

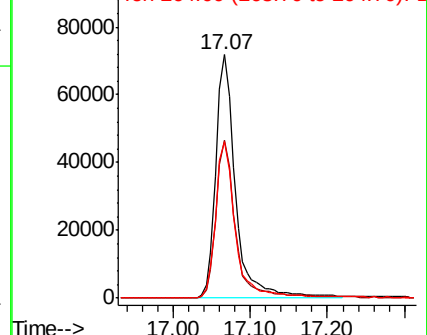
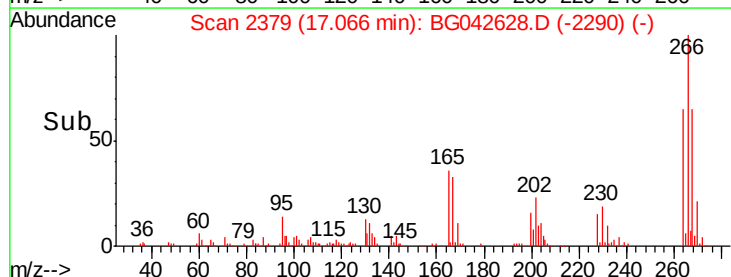
264 64.6 49.4 74.2

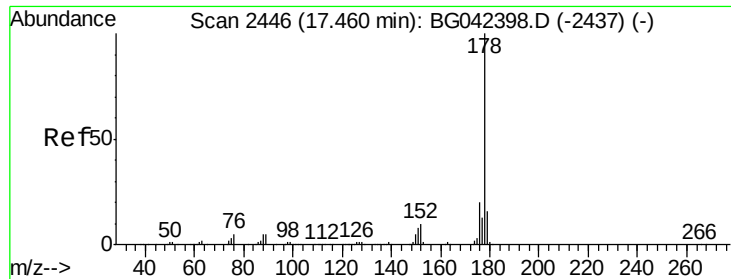


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 43.695 ng

RT: 17.45 min Scan# 2444

Delta R.T. -0.01 min

Lab File: BG042628.D

Acq: 31 Aug 2019 10:44

Instrument :

BNA_G

ClientSampleId :

PB122704BS

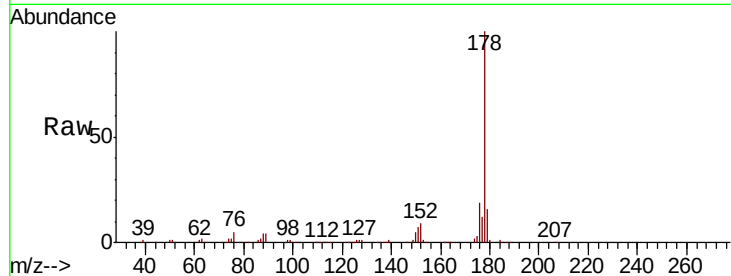
Tot Ion:178 Resp: 441439

Ion Ratio Lower Upper

178 100

176 18.7 15.9 23.9

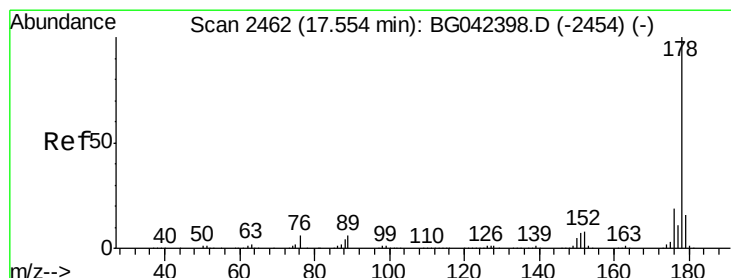
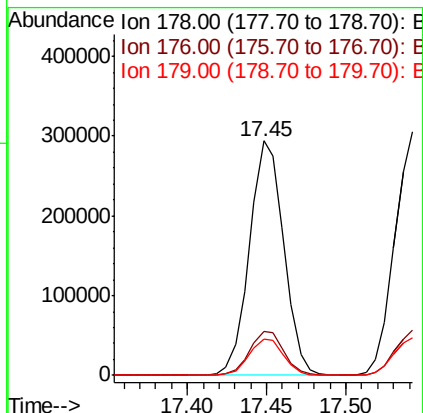
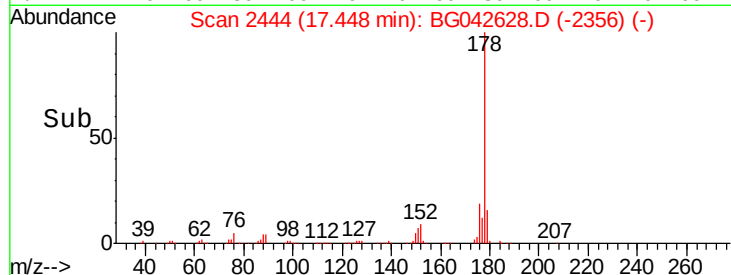
179 15.7 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 45.230 ng

RT: 17.54 min Scan# 2460

Delta R.T. -0.01 min

Lab File: BG042628.D

Acq: 31 Aug 2019 10:44

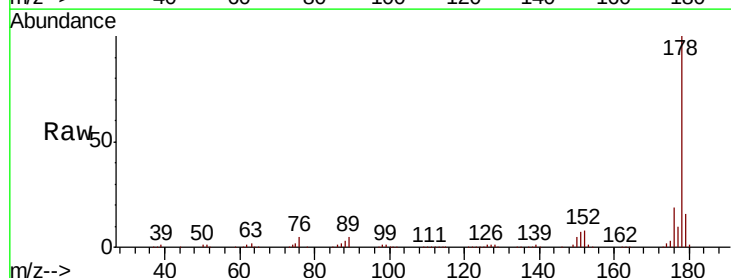
Tgt Ion:178 Resp: 456163

Ion Ratio Lower Upper

178 100

176 18.6 15.5 23.3

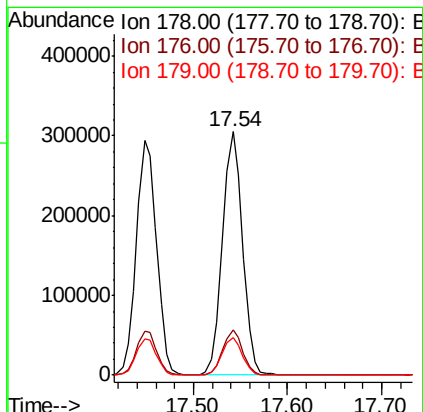
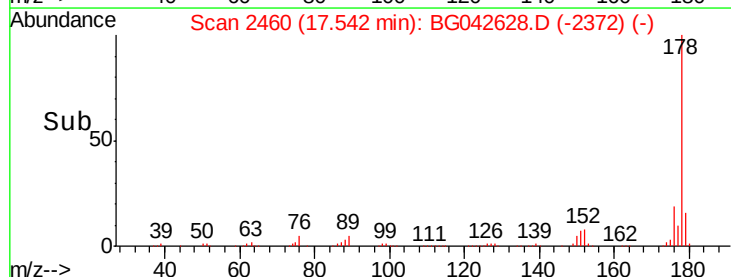
179 15.7 12.9 19.3

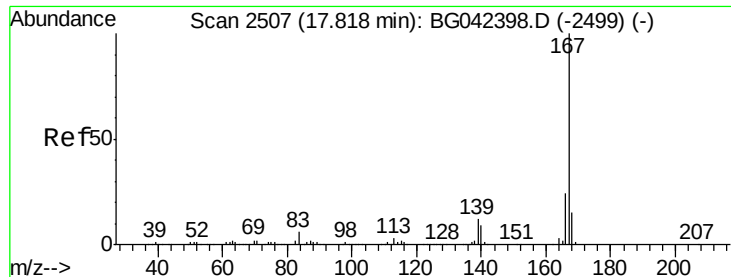


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 43.667 ng

RT: 17.81 min Scan# 2506

Delta R.T. -0.01 min

Lab File: BG042628.D

Acq: 31 Aug 2019 10:44

Instrument :

BNA_G

ClientSampleId :

PB122704BS

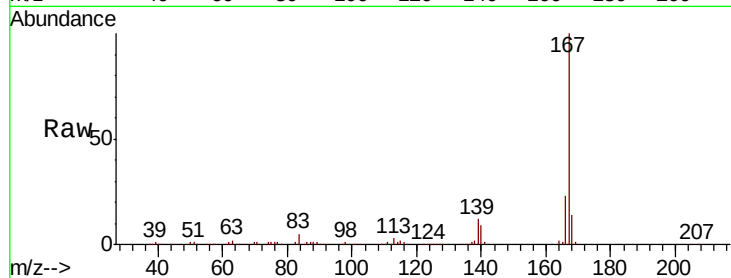
Tot Ion:167 Resp: 392500

Ion Ratio Lower Upper

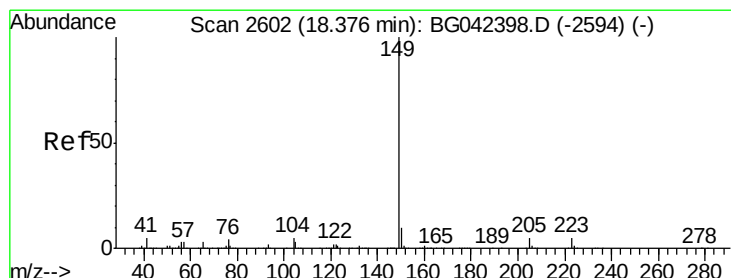
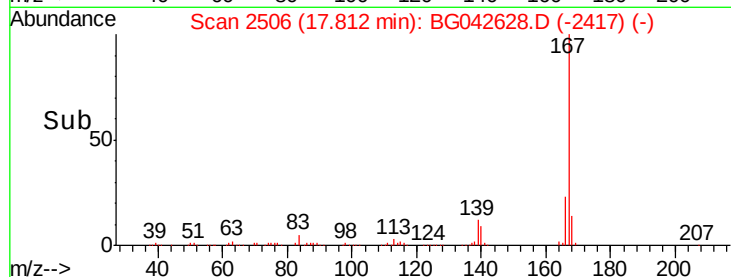
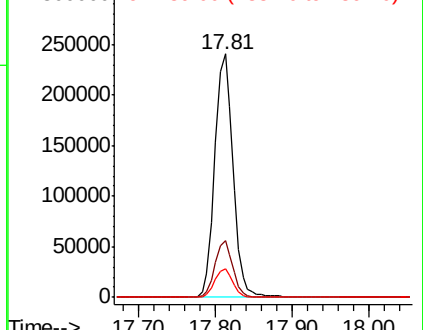
167 100

166 23.2 18.9 28.3

139 11.7 9.8 14.6



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: 42.394 ng

RT: 18.36 min Scan# 2600

Delta R.T. -0.01 min

Lab File: BG042628.D

Acq: 31 Aug 2019 10:44

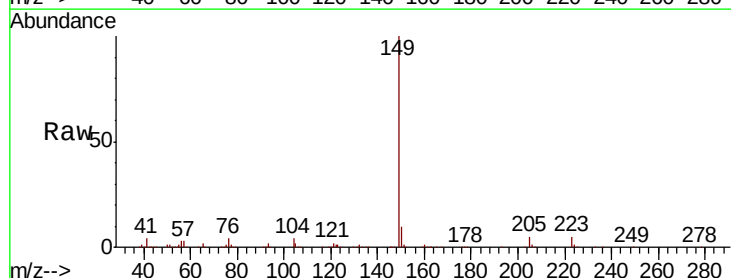
Tgt Ion:149 Resp: 450445

Ion Ratio Lower Upper

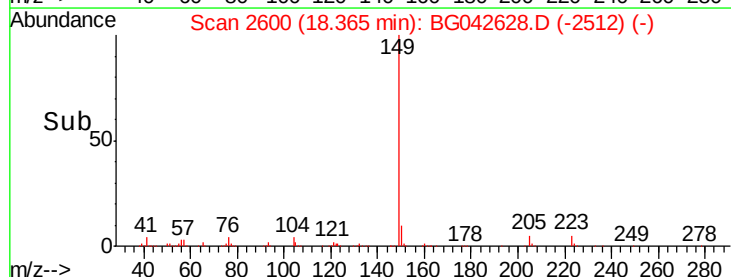
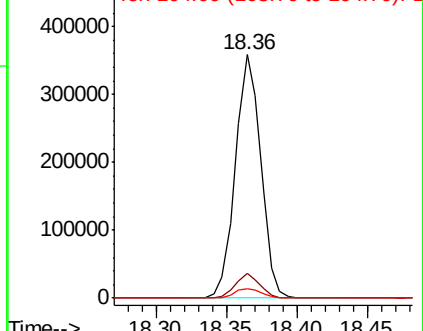
149 100

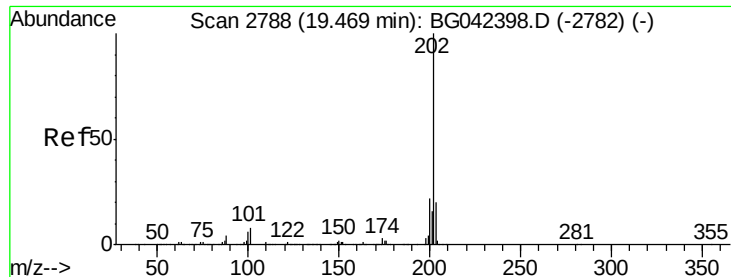
150 9.9 8.1 12.1

104 4.1 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: 48.452 ng

RT: 19.46 min Scan# 2787

Delta R.T. -0.01 min

Lab File: BG042628.D

Acq: 31 Aug 2019 10:44

Instrument :

BNA_G

ClientSampleId :

PB122704BS

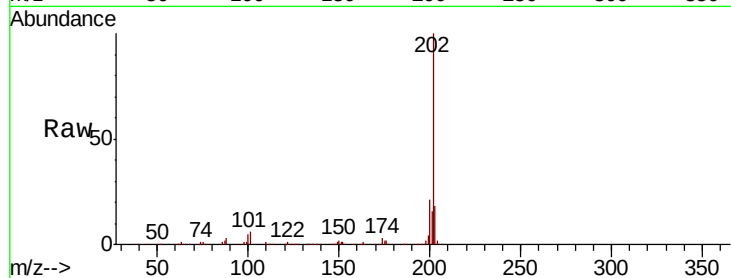
Tot Ion:202 Resp: 597390

Ion Ratio Lower Upper

202 100

101 6.2 0.0 28.3

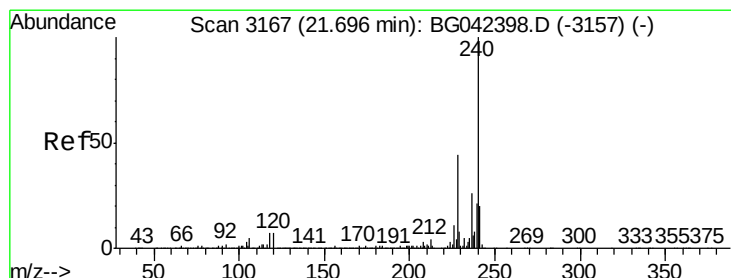
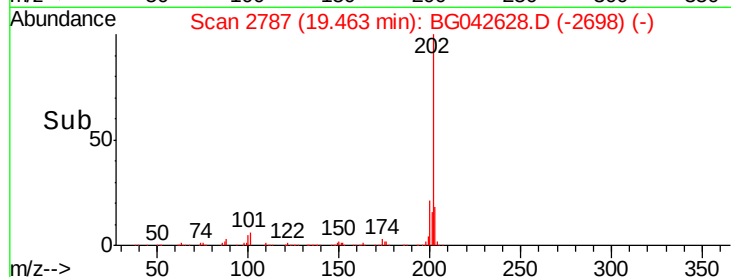
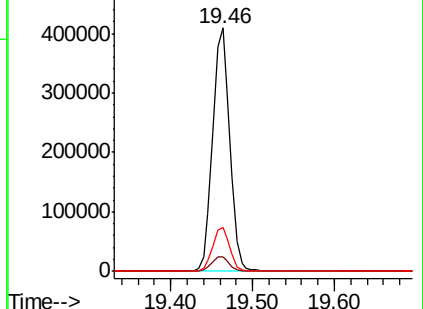
203 18.2 0.0 39.6



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: 21.68 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG042628.D

Acq: 31 Aug 2019 10:44

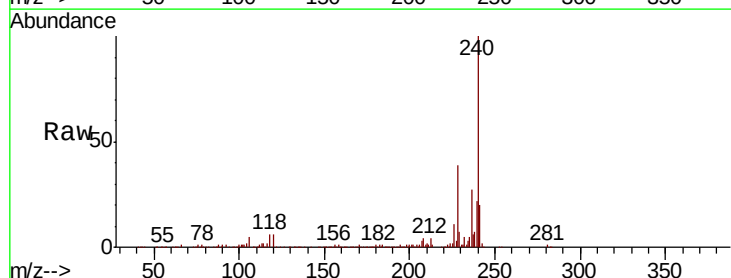
Tgt Ion:240 Resp: 237093

Ion Ratio Lower Upper

240 100

120 6.1 5.7 8.5

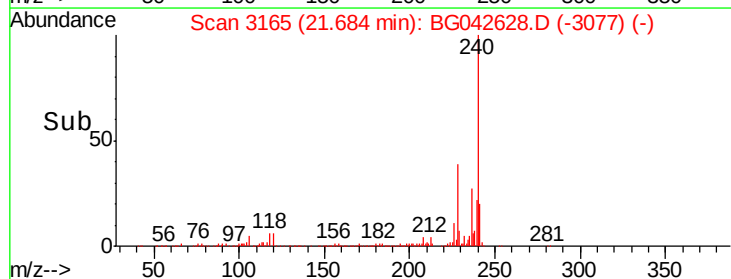
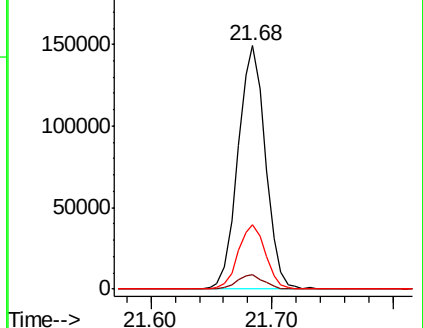
236 26.6 21.0 31.4

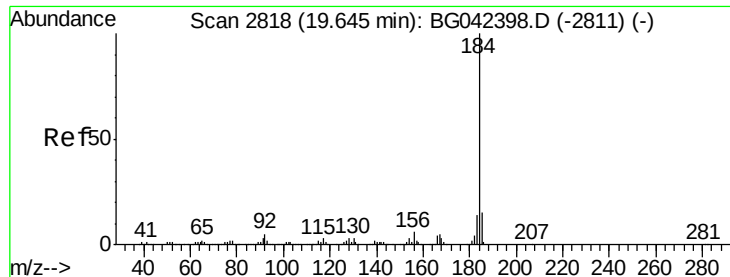


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 43.984 ng

RT: 19.64 min Scan# 2817

Delta R.T. -0.01 min

Lab File: BG042628.D

Acq: 31 Aug 2019 10:44

Instrument :

BNA_G

ClientSampleId :

PB122704BS

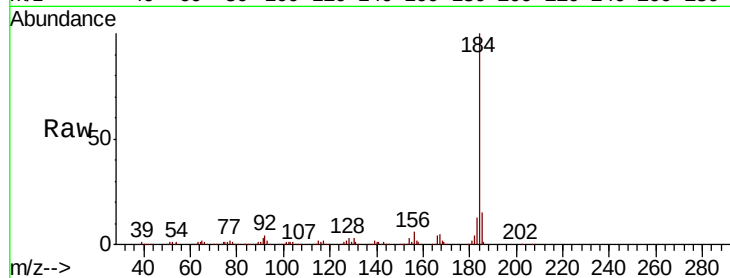
Tot Ion:184 Resp: 298985

Ion Ratio Lower Upper

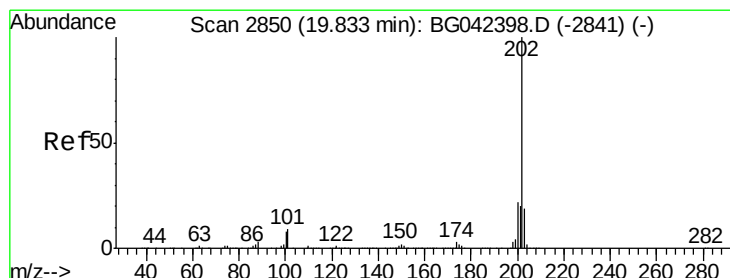
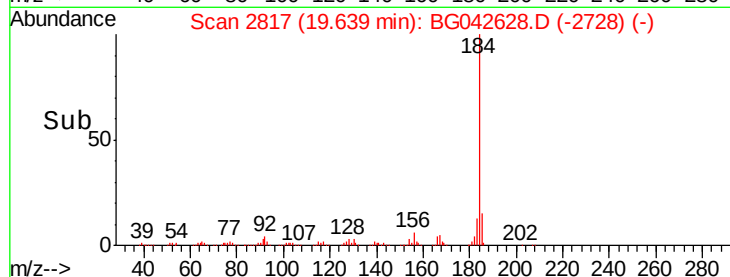
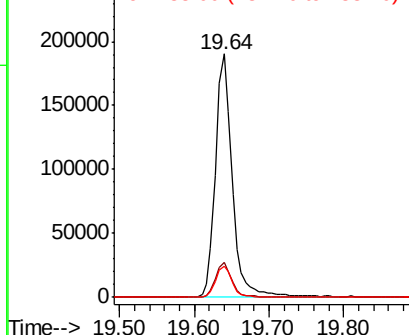
184 100

185 14.6 12.2 18.4

183 12.8 10.8 16.2



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



#78

Pyrene

Concen: 41.693 ng

RT: 19.82 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG042628.D

Acq: 31 Aug 2019 10:44

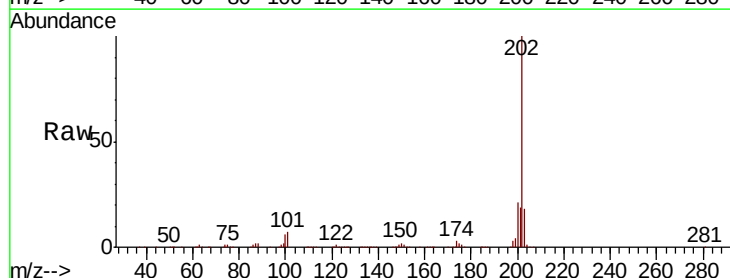
Tgt Ion:202 Resp: 606054

Ion Ratio Lower Upper

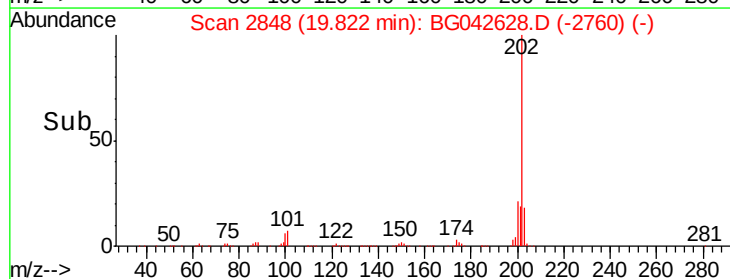
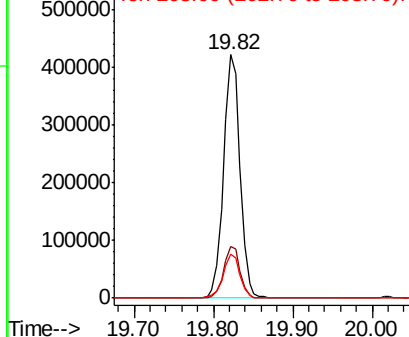
202 100

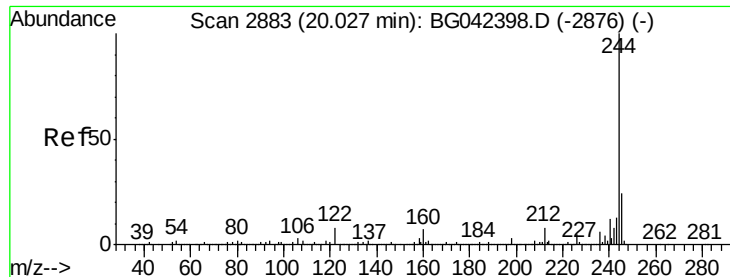
200 21.2 17.8 26.6

203 18.3 15.5 23.3



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





#79

Terphenyl-d14

Concen: 70.167 ng

RT: 20.02 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG042628.D

Acq: 31 Aug 2019 10:44

Instrument :

BNA_G

ClientSampleId :

PB122704BS

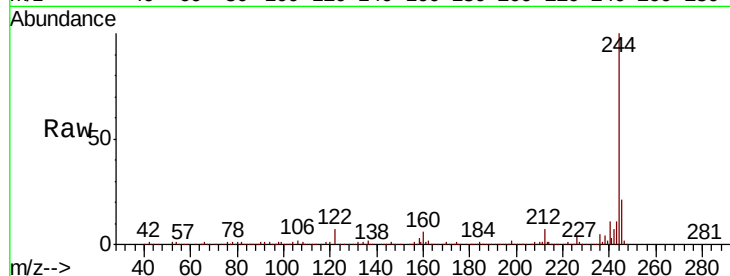
Tot Ion:244 Resp: 769511

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

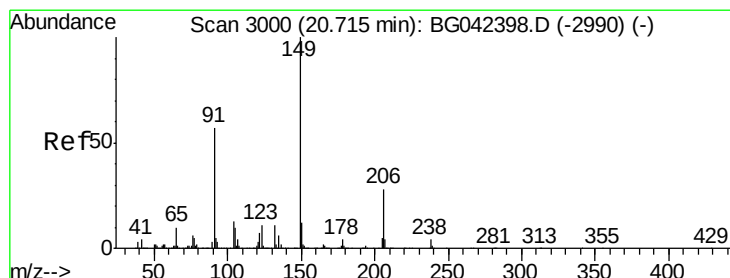
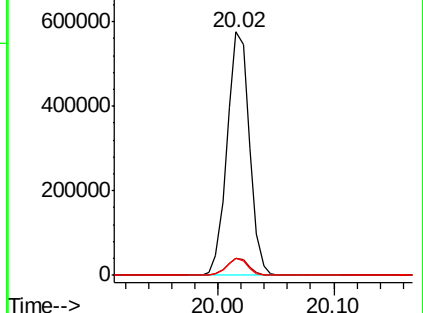
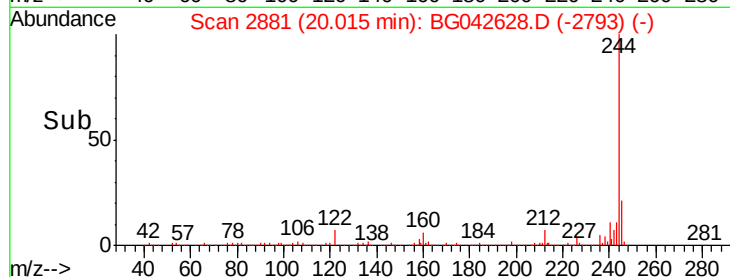
122 6.8 6.7 10.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 39.805 ng

RT: 20.70 min Scan# 2998

Delta R.T. -0.01 min

Lab File: BG042628.D

Acq: 31 Aug 2019 10:44

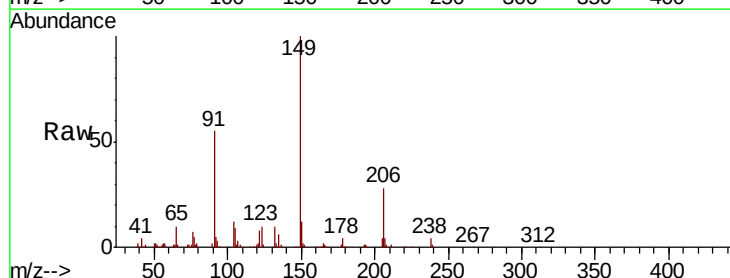
Tgt Ion:149 Resp: 227579

Ion Ratio Lower Upper

149 100

91 54.8 45.9 68.9

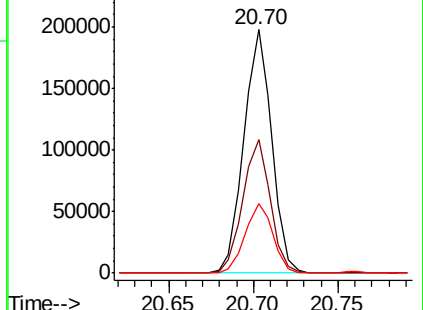
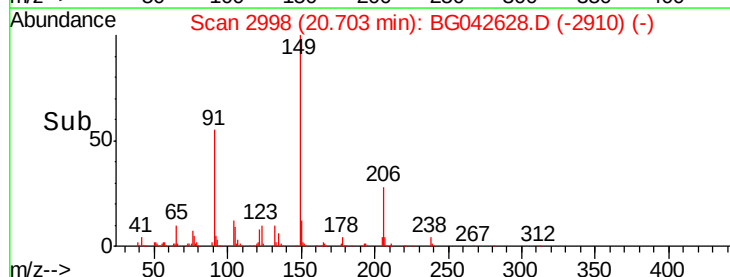
206 28.5 22.5 33.7

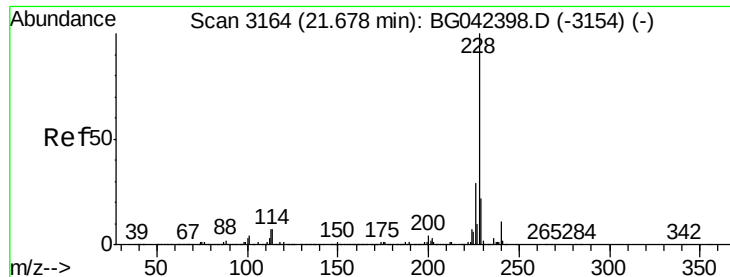


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.231 ng

RT: 21.67 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG042628.D

Acq: 31 Aug 2019 10:44

Instrument :

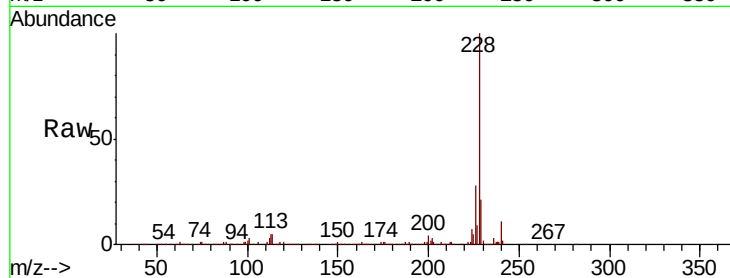
BNA_G

ClientSampleId :

PB122704BS

Tot Ion:228 Resp: 623514

Ion	Ratio	Lower	Upper
228	100		
226	28.0	23.4	35.2
229	21.0	17.4	26.2

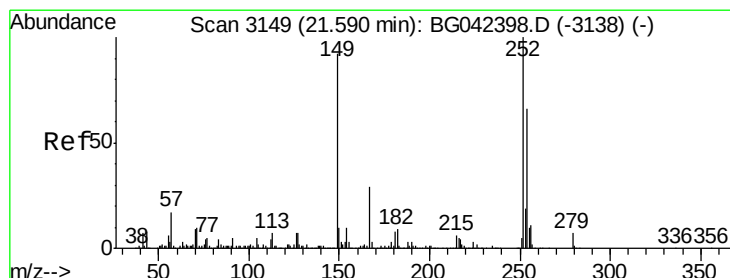
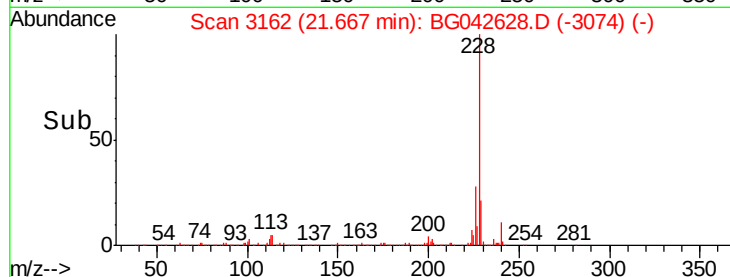
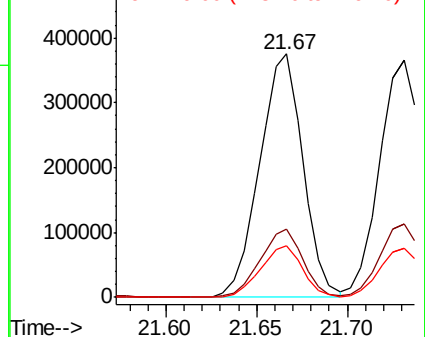


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 33.296 ng

RT: 21.57 min Scan# 3146

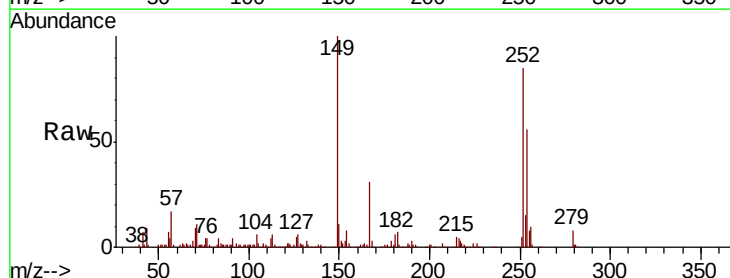
Delta R.T. -0.02 min

Lab File: BG042628.D

Acq: 31 Aug 2019 10:44

Tgt Ion:252 Resp: 193139

Ion	Ratio	Lower	Upper
252	100		
254	66.3	53.0	79.4
126	6.4	5.7	8.5

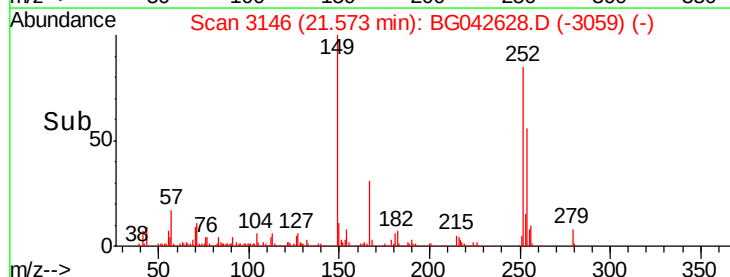
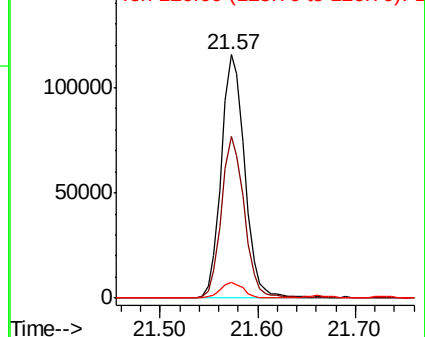


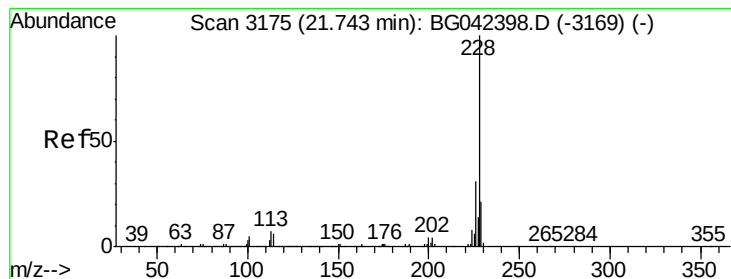
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 43.406 ng

RT: 21.73 min Scan# 3173

Delta R.T. -0.01 min

Lab File: BG042628.D

Acq: 31 Aug 2019 10:44

Instrument :

BNA_G

ClientSampleId :

PB122704BS

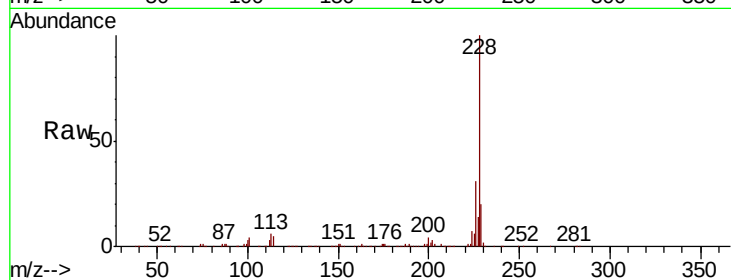
Tot Ion:228 Resp: 603756

Ion Ratio Lower Upper

228 100

226 30.7 24.9 37.3

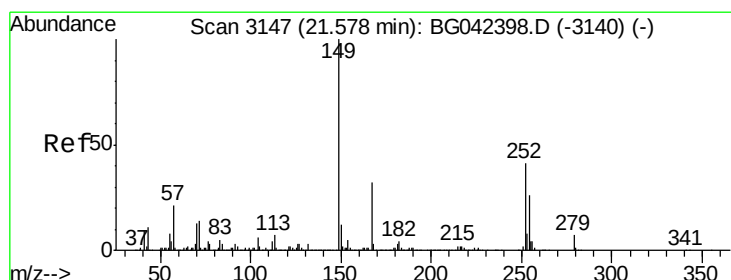
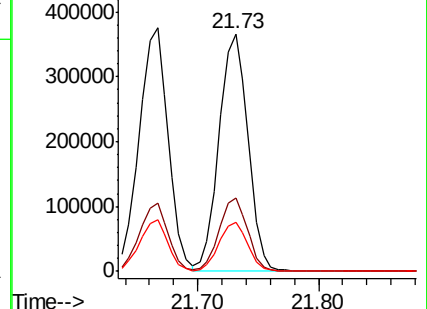
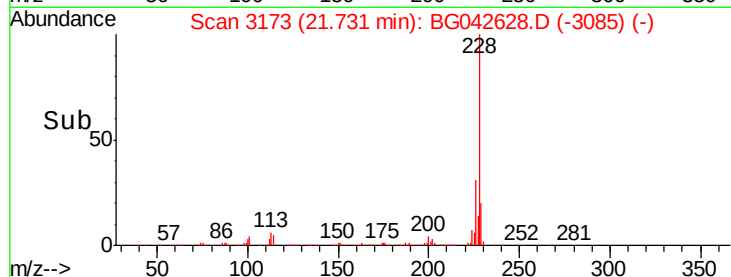
229 20.4 16.9 25.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.731 ng

RT: 21.56 min Scan# 3144

Delta R.T. -0.02 min

Lab File: BG042628.D

Acq: 31 Aug 2019 10:44

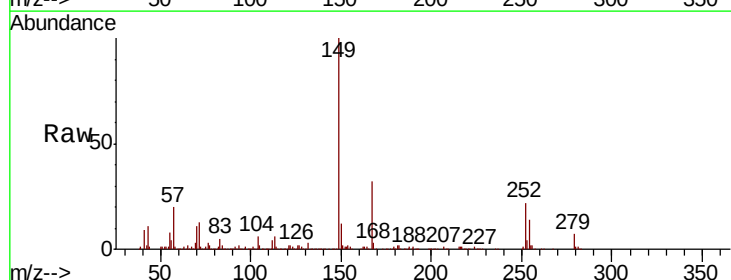
Tgt Ion:149 Resp: 323332

Ion Ratio Lower Upper

149 100

167 31.9 26.0 39.0

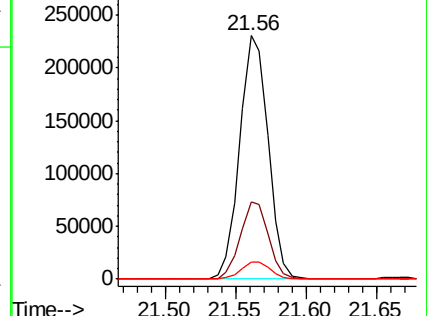
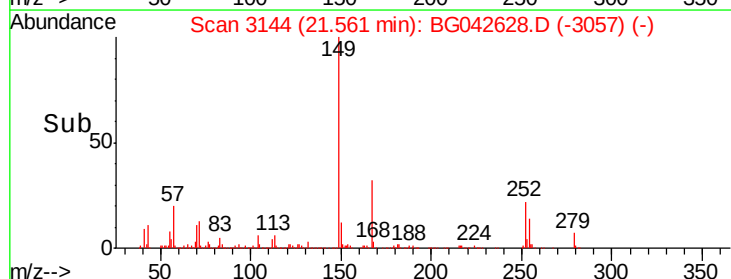
279 7.0 5.4 8.0

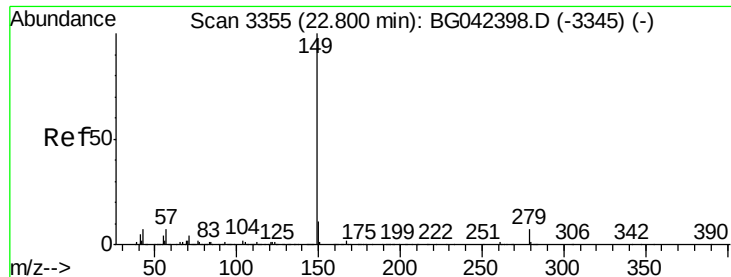


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

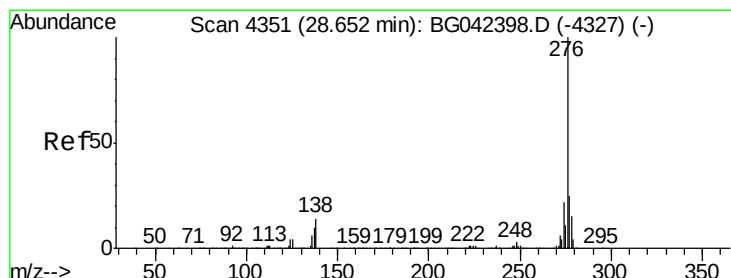
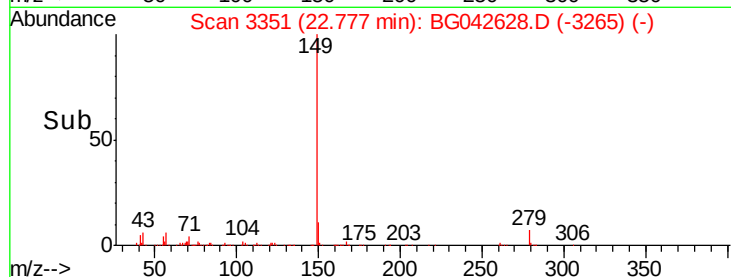
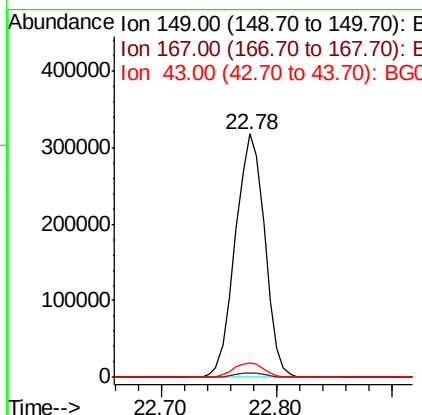
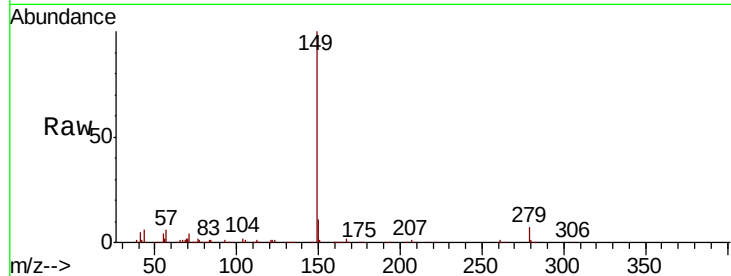




#85
Di-n-octyl phthalate
Concen: 41.092 ng
RT: 22.78 min Scan# 3351
Delta R.T. -0.02 min
Lab File: BG042628.D
Acq: 31 Aug 2019 10:44

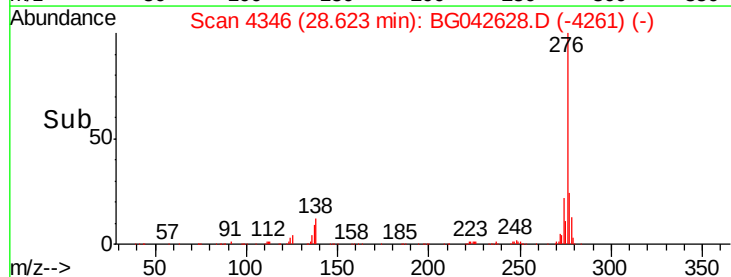
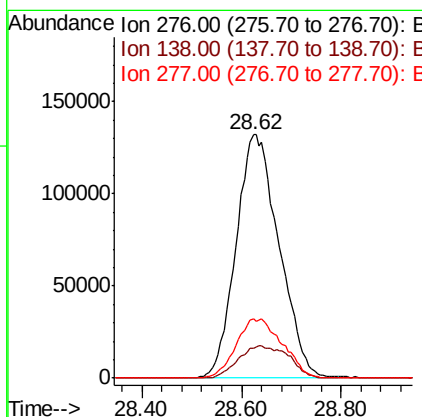
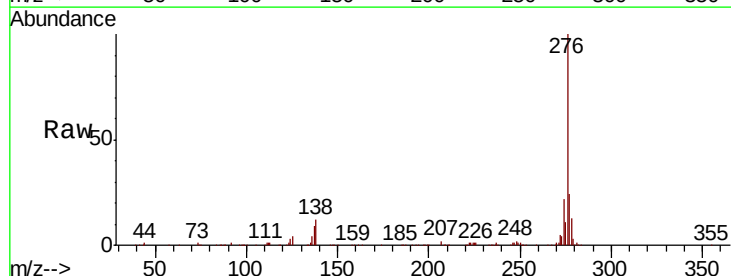
Instrument :
BNA_G
ClientSampleId :
PB122704BS

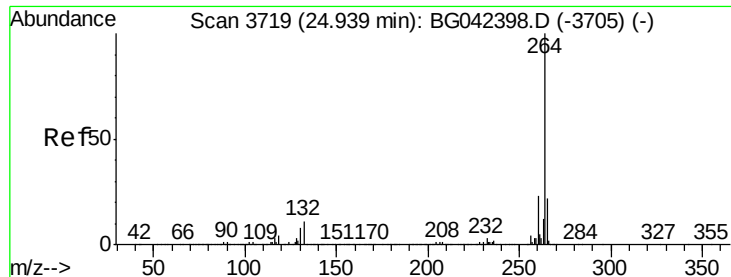
Tot Ion:149 Resp: 561036
Ion Ratio Lower Upper
149 100
167 1.8 1.6 2.4
43 6.3 5.3 7.9



#86
Indeno(1,2,3-cd)pyrene
Concen: 41.874 ng
RT: 28.62 min Scan# 4346
Delta R.T. -0.03 min
Lab File: BG042628.D
Acq: 31 Aug 2019 10:44

Tgt Ion:276 Resp: 791530
Ion Ratio Lower Upper
276 100
138 15.5 9.2 13.8#
277 26.2 21.0 31.6





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.92 min Scan# 3716

Delta R.T. -0.02 min

Lab File: BG042628.D

Acq: 31 Aug 2019 10:44

Instrument :

BNA_G

ClientSampleId :

PB122704BS

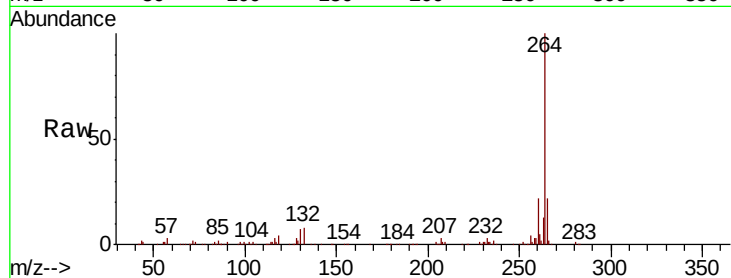
Tot Ion:264 Resp: 282344

Ion Ratio Lower Upper

264 100

260 22.5 18.5 27.7

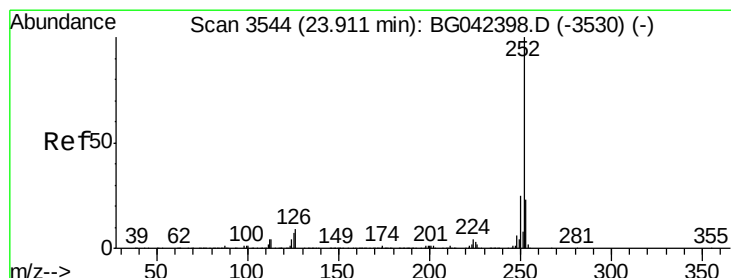
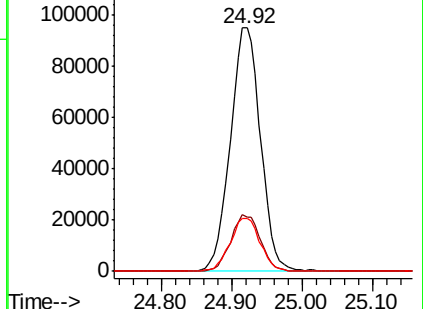
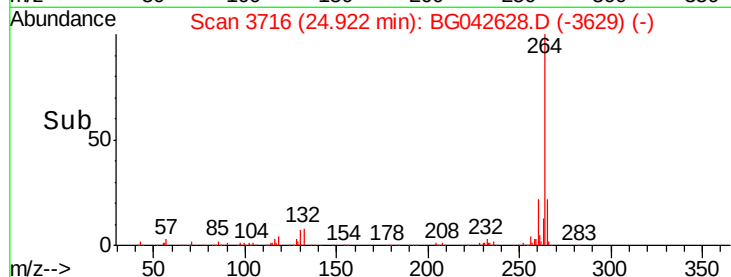
265 21.7 17.6 26.4



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: 44.352 ng

RT: 23.89 min Scan# 3541

Delta R.T. -0.02 min

Lab File: BG042628.D

Acq: 31 Aug 2019 10:44

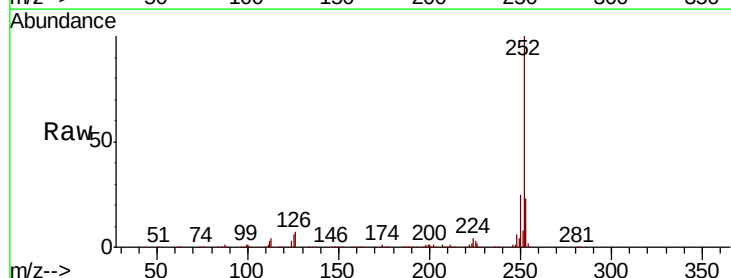
Tgt Ion:252 Resp: 688444

Ion Ratio Lower Upper

252 100

253 23.3 18.6 27.8

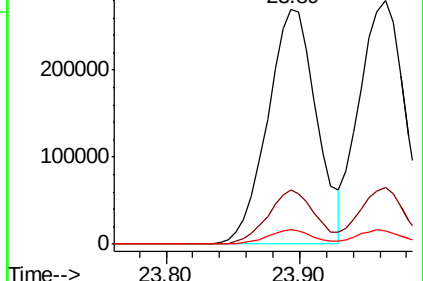
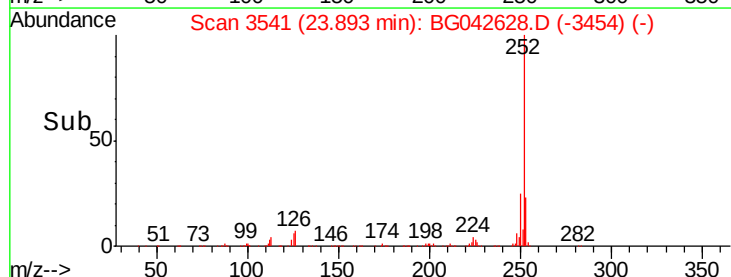
125 6.0 5.6 8.4

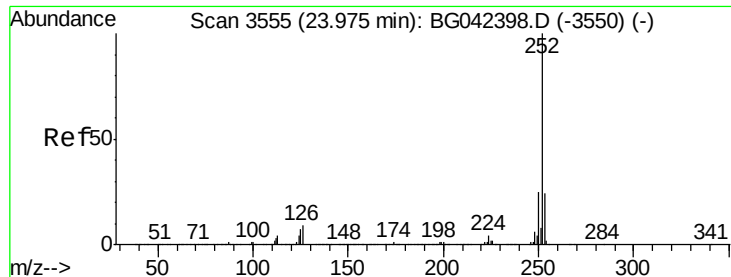


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 44.497 ng

RT: 23.96 min Scan# 3553

Delta R.T. -0.01 min

Lab File: BG042628.D

Acq: 31 Aug 2019 10:44

Instrument :

BNA_G

ClientSampleId :

PB122704BS

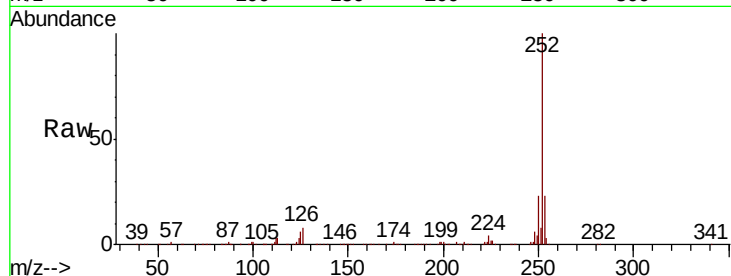
Tot Ion:252 Resp: 663908

Ion Ratio Lower Upper

252 100

253 23.1 18.6 27.8

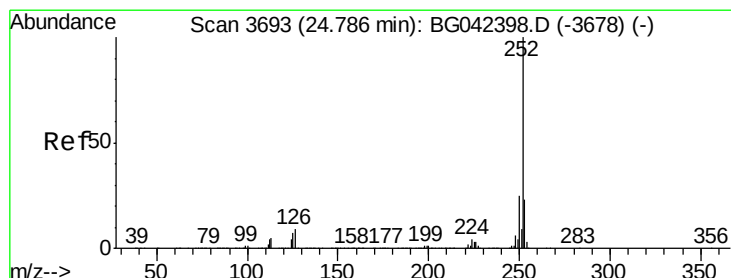
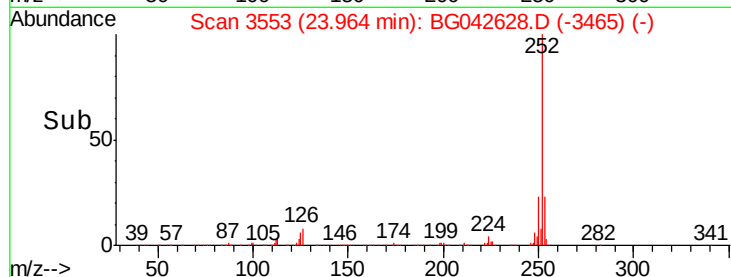
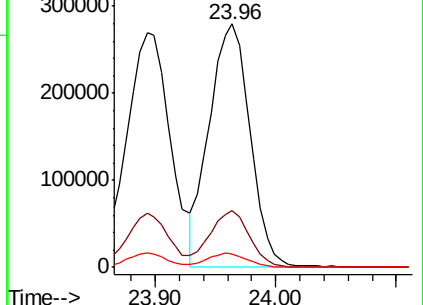
125 5.7 5.8 8.6#



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



#90

Benzo(a)pyrene

Concen: 45.827 ng

RT: 24.77 min Scan# 3690

Delta R.T. -0.02 min

Lab File: BG042628.D

Acq: 31 Aug 2019 10:44

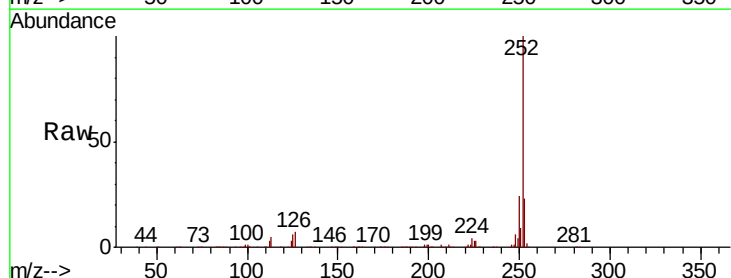
Tgt Ion:252 Resp: 675000

Ion Ratio Lower Upper

252 100

253 22.8 18.4 27.6

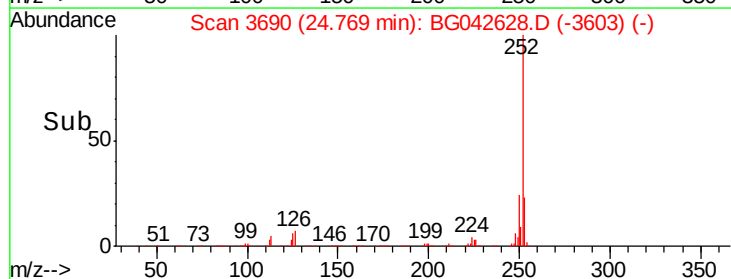
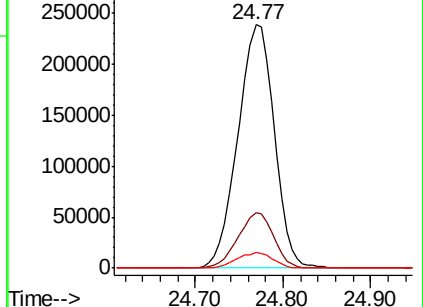
125 6.4 6.0 9.0

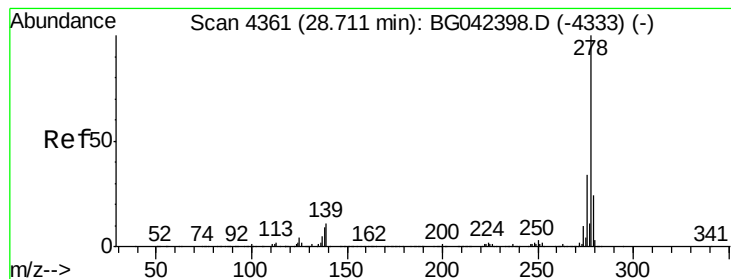


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 43.946 ng

RT: 28.68 min Scan# 4356

Delta R.T. -0.03 min

Lab File: BG042628.D

Acq: 31 Aug 2019 10:44

Instrument :

BNA_G

ClientSampleId :

PB122704BS

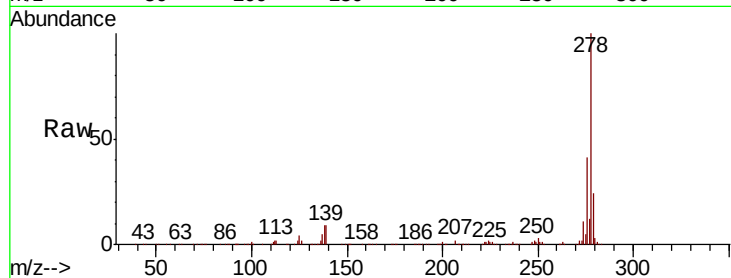
Tot Ion:278 Resp: 655391

Ion Ratio Lower Upper

278 100

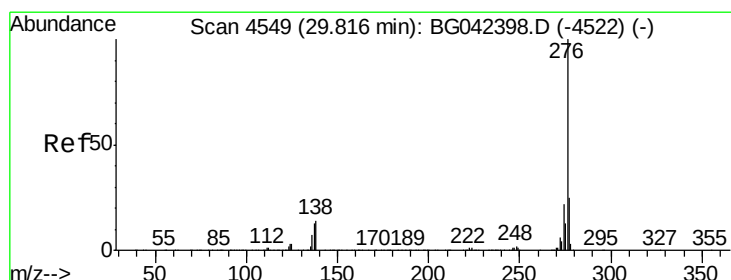
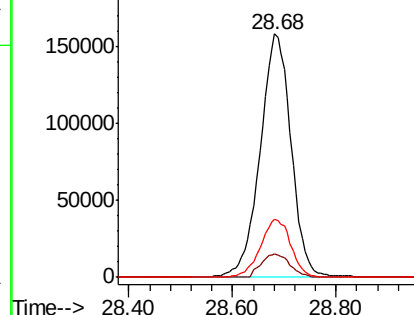
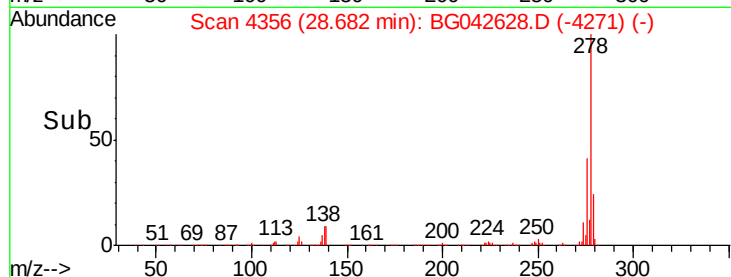
139 9.4 8.8 13.2

279 23.9 19.1 28.7



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

28.68



#92

Benzo(g,h,i)perylene

Concen: 44.544 ng

RT: 29.78 min Scan# 4543

Delta R.T. -0.04 min

Lab File: BG042628.D

Acq: 31 Aug 2019 10:44

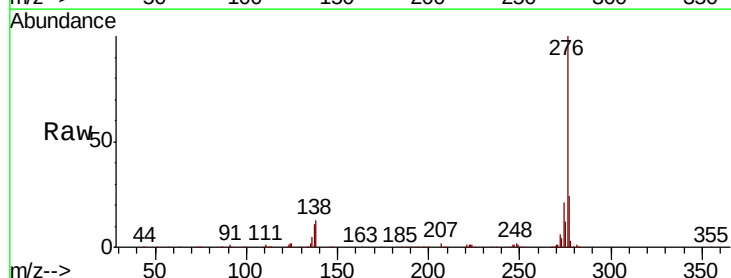
Tgt Ion:276 Resp: 664402

Ion Ratio Lower Upper

276 100

277 24.0 19.8 29.8

138 12.7 11.4 17.0



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

29.78

