

Data File : BG043928.D
Acq On : 6 Jan 2020 12:40
Operator : JU
Sample : PB125878BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB125878BSD

Quant Time: Jan 07 04:43:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	130871	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	609528	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	415905	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	888918	20.00	ng	0.00
76) Chrysene-d12	21.59	240	759700	20.00	ng	0.00
87) Perylene-d12	24.72	264	599935	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	880176	123.49	ng	0.00
7) Phenol-d6	7.13	99	1163196	116.75	ng	0.00
23) Nitrobenzene-d5	9.12	82	756901	66.43	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	459889	105.66	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1635558	71.25	ng	0.00
79) Terphenyl-d14	19.95	244	2265821	67.97	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.43	88	101601	32.693	ng	98
3) Pyridine	3.83	79	249433	27.169	ng	93
4) n-Nitrosodimethylamine	3.74	42	145525	35.603	ng	98
6) Aniline	7.28	93	296933	22.691	ng	99
8) 2-Chlorophenol	7.53	128	380235	45.441	ng	98
9) Benzaldehyde	7.09	77	243886	38.247	ng	99
10) Phenol	7.16	94	476180	46.388	ng	98
11) bis(2-Chloroethyl)ether	7.38	93	357699	40.369	ng	99
12) 1,3-Dichlorobenzene	7.85	146	360128	36.778	ng	99
13) 1,4-Dichlorobenzene	8.00	146	370859	38.386	ng	99
14) 1,2-Dichlorobenzene	8.32	146	357454	38.546	ng	99
15) Benzyl Alcohol	8.20	79	330289	42.005	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.49	45	510901	37.268	ng	99
17) 2-Methylphenol	8.41	107	334417	45.018	ng	97
18) Hexachloroethane	9.05	117	138586	36.864	ng	97
19) n-Nitroso-di-n-propylamine	8.77	70	290029	39.089	ng	98
20) 3+4-Methylphenols	8.73	107	470353	45.388	ng	97
22) Acetophenone	8.78	105	533973	35.238	ng	98
24) Nitrobenzene	9.16	77	410743	36.398	ng	99
25) Isophorone	9.69	82	791206	37.013	ng	99
26) 2-Nitrophenol	9.87	139	215806	40.420	ng	97
27) 2,4-Dimethylphenol	9.94	122	366039	45.545	ng	95
28) bis(2-Chloroethoxy)methane	10.17	93	508680	35.694	ng	99
29) 2,4-Dichlorophenol	10.41	162	389052	40.583	ng	100
30) 1,2,4-Trichlorobenzene	10.63	180	384401	35.762	ng	99
31) Naphthalene	10.81	128	1120422	37.986	ng	100
32) Benzoic acid	10.08	122	198828	32.678	ng	88
33) 4-Chloroaniline	10.92	127	267408	19.008	ng	97
34) Hexachlorobutadiene	11.11	225	220029	33.527	ng	100
35) Caprolactam	11.68	113	99258	27.813	ng	99
36) 4-Chloro-3-methylphenol	12.05	107	423007	41.449	ng	99
37) 2-Methylnaphthalene	12.42	142	853924	38.454	ng	98
38) 1-Methylnaphthalene	12.64	142	816022	38.772	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	408406	33.503	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	316678	50.108	ng	98
43) 2,4,6-Trichlorophenol	13.03	196	314263	37.467	ng	99
44) 2,4,5-Trichlorophenol	13.11	196	335858	38.823	ng	99
46) 1,1'-Biphenyl	13.43	154	1074082	36.019	ng	99
47) 2-Chloronaphthalene	13.47	162	844700	35.055	ng	100
48) 2-Nitroaniline	13.67	65	280310	36.164	ng	99
49) Acenaphthylene	14.32	152	1318490	38.070	ng	99
50) Dimethylphthalate	14.05	163	1091090	36.947	ng	99
51) 2,6-Dinitrotoluene	14.16	165	251673	37.706	ng	99
52) Acenaphthene	14.66	154	853624	35.146	ng	99
53) 3-Nitroaniline	14.49	138	206444	27.237	ng	98
54) 2,4-Dinitrophenol	14.70	184	259232	76.493	ng	99
55) Dibenzofuran	15.00	168	1281871	38.339	ng	99
56) 4-Nitrophenol	14.81	139	491278	84.582	ng	96
57) 2,4-Dinitrotoluene	14.95	165	351899	38.746	ng	97
58) Fluorene	15.64	166	1011882	38.183	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.22	232	295522	39.726	ng	98
60) Diethylphthalate	15.42	149	1110509	37.598	ng	100
61) 4-Chlorophenyl-phenylether	15.64	204	532669	37.017	ng	99
62) 4-Nitroaniline	15.66	138	264650	35.357	ng	97
63) Azobenzene	15.93	77	1050975	38.368	ng	98
65) 4,6-Dinitro-2-methylphenol	15.71	198	193263	42.728	ng	94
66) n-Nitrosodiphenylamine	15.85	169	958562	36.618	ng	99
67) 4-Bromophenyl-phenylether	16.53	248	344319	34.440	ng	98
68) Hexachlorobenzene	16.65	284	368189	34.178	ng	98
69) Atrazine	16.80	200	320833	37.705	ng	99
70) Pentachlorophenol	16.99	266	437060	73.598	ng	99
71) Phenanthrene	17.38	178	1589454	37.279	ng	99
72) Anthracene	17.47	178	1594729	37.846	ng	100
73) Carbazole	17.74	167	1498068	38.488	ng	99
74) Di-n-butylphthalate	18.30	149	1797301	36.166	ng	100
75) Fluoranthene	19.39	202	1787541	36.659	ng	99
77) Benzidine	19.56	184	307925	16.125	ng	98
78) Pyrene	19.75	202	1815937	36.620	ng	99
80) Butylbenzylphthalate	20.64	149	862272	36.523	ng	96
81) Benzo(a)anthracene	21.57	228	1750146	37.153	ng	99
82) 3,3'-Dichlorobenzidine	21.48	252	597734	32.118	ng	100
83) Chrysene	21.64	228	1651817	36.903	ng	99
84) Bis(2-ethylhexyl)phthalate	21.50	149	1214844	37.293	ng	100
85) Di-n-octyl phthalate	22.68	149	2078346	37.951	ng	100
86) Indeno(1,2,3-cd)pyrene	28.27	276	2148090	35.313	ng	# 84
88) Benzo(b)fluoranthene	23.73	252	1873046	52.811	ng	99
89) Benzo(k)fluoranthene	23.80	252	1817193	53.880	ng	99
90) Benzo(a)pyrene	24.57	252	1703092	50.878	ng	99
91) Dibenzo(a,h)anthracene	28.33	278	1807402	53.763	ng	99
92) Benzo(g,h,i)perylene	29.36	276	1747256	52.324	ng	98

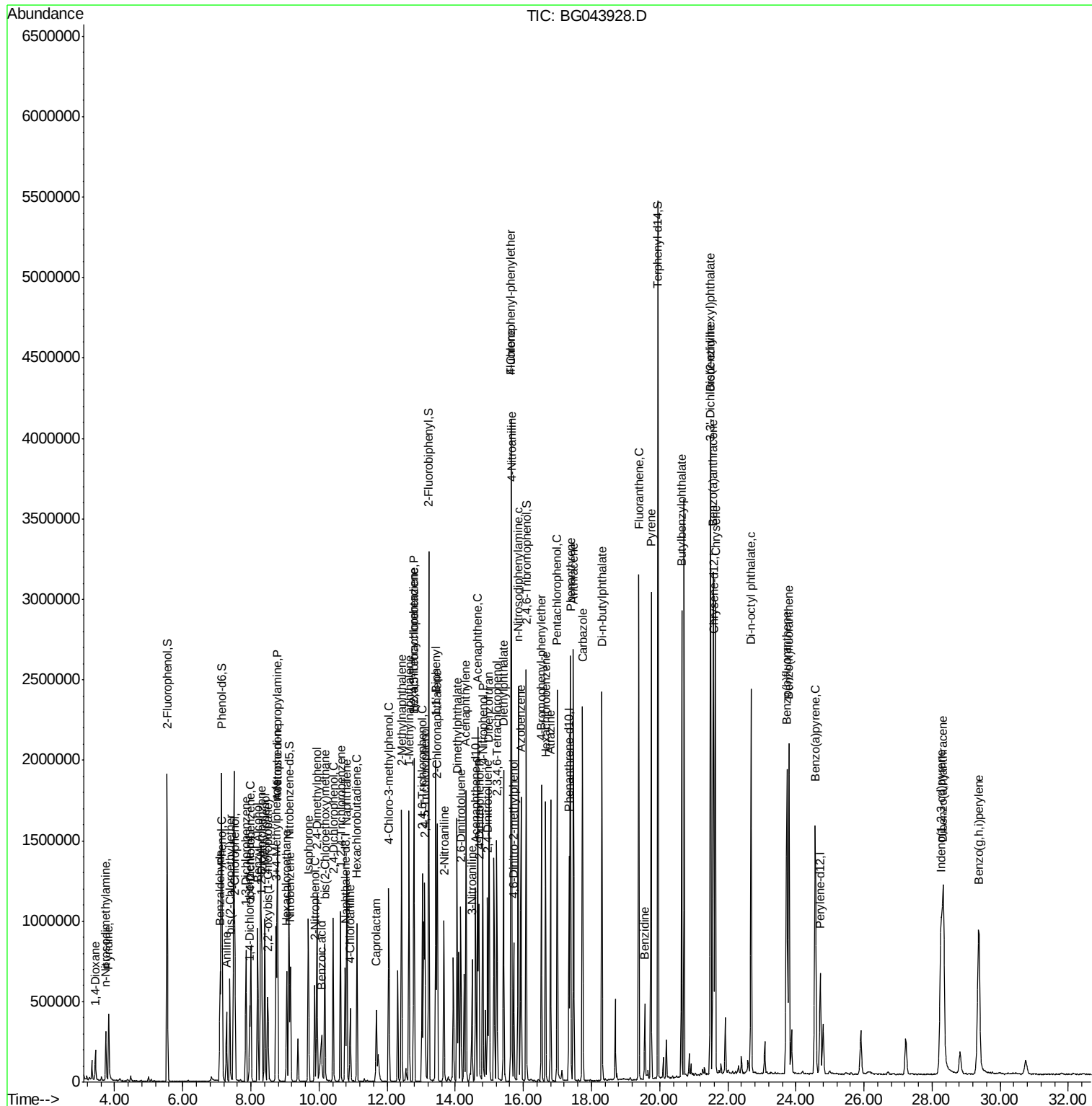
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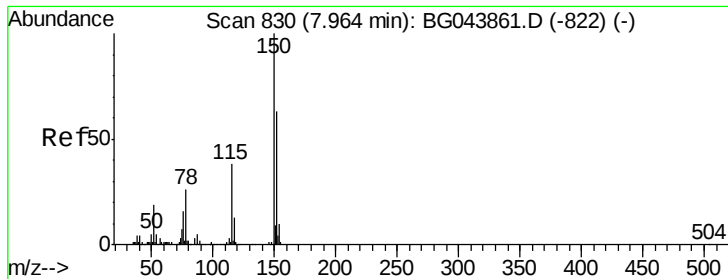
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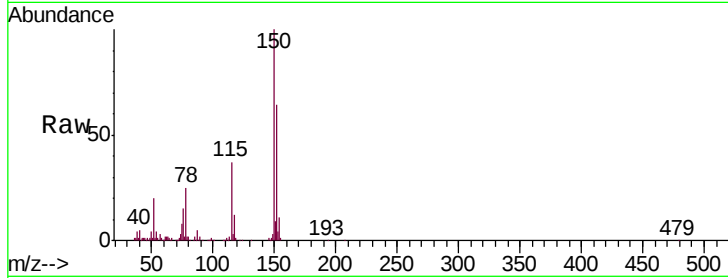


#1

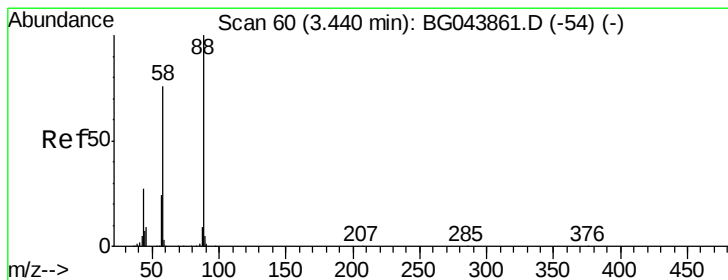
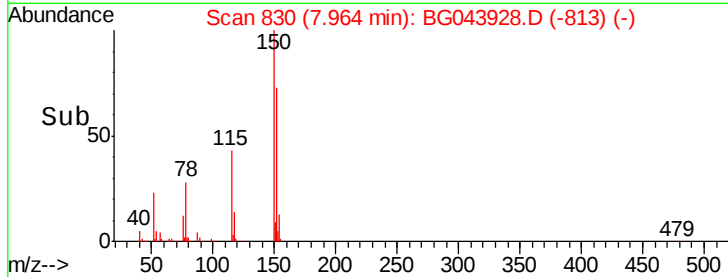
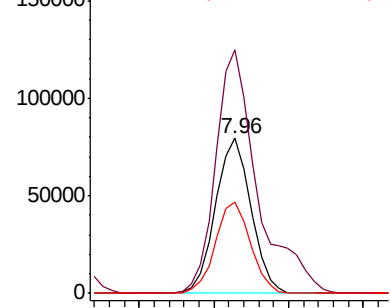
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG043928.D
Acq: 6 Jan 2020 12:40

Instrument :
BNA_G
ClientSampleId :
PB125878BSD

Tgt Ion:152 Resp: 130871
Ion Ratio Lower Upper
152 100
150 157.0 127.0 190.4
115 58.5 47.8 71.8



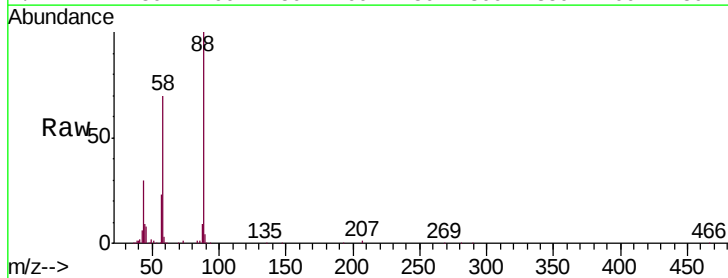
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



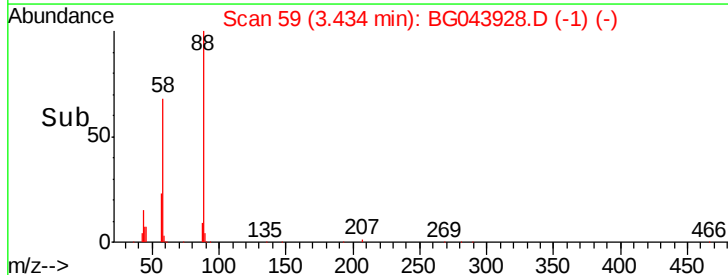
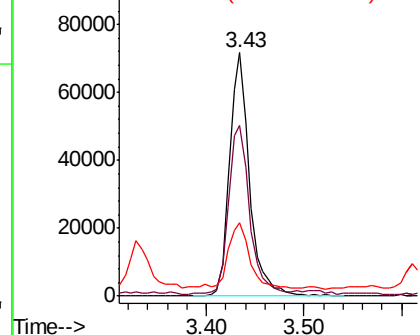
#2

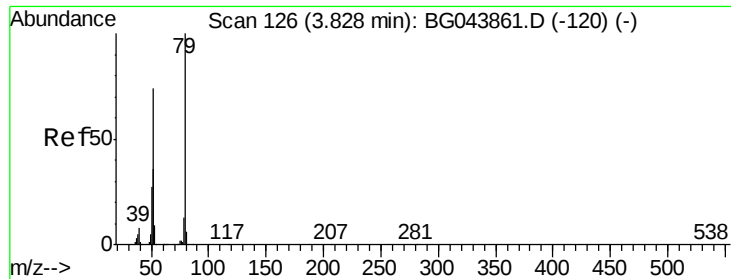
1,4-Dioxane
Concen: 32.693 ng
RT: 3.43 min Scan# 59
Delta R.T. -0.01 min
Lab File: BG043928.D
Acq: 6 Jan 2020 12:40

Tgt Ion: 88 Resp: 101601
Ion Ratio Lower Upper
88 100
58 73.1 59.8 89.8
43 29.5 22.9 34.3



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

Pyridine

Concen: 27.169 ng

RT: 3.83 min Scan# 126

Delta R.T. -0.00 min

Lab File: BG043928.D

Acq: 6 Jan 2020 12:40

Instrument :

BNA_G

ClientSampleId :

PB125878BSD

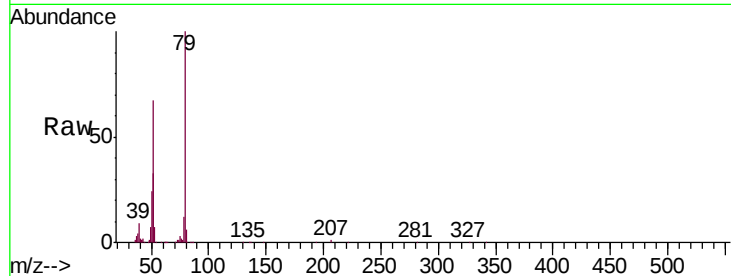
Tgt Ion: 79 Resp: 249433

Ion Ratio Lower Upper

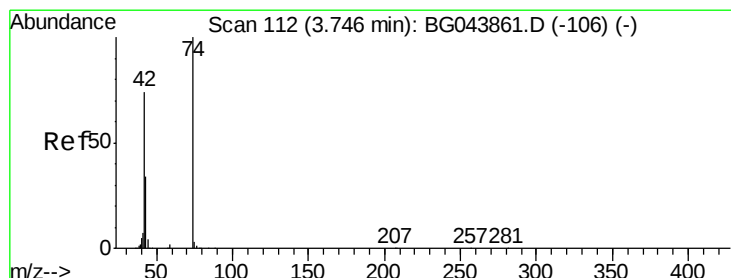
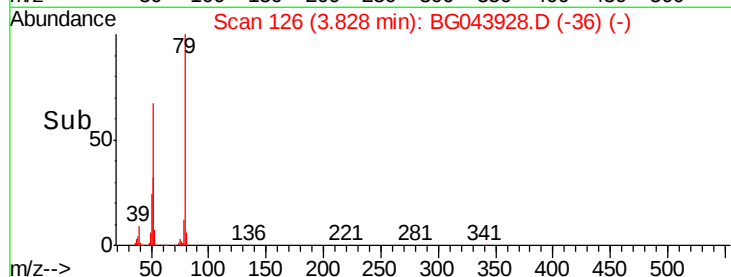
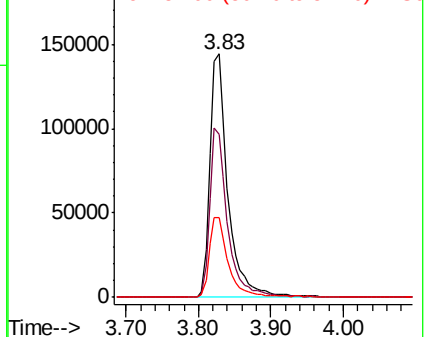
79 100

52 67.0 58.9 88.3

51 32.7 28.6 43.0



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



#4

n-Nitrosodimethylamine

Concen: 35.603 ng

RT: 3.74 min Scan# 111

Delta R.T. -0.01 min

Lab File: BG043928.D

Acq: 6 Jan 2020 12:40

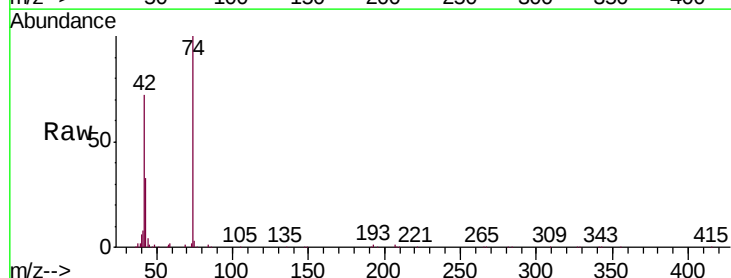
Tgt Ion: 42 Resp: 145525

Ion Ratio Lower Upper

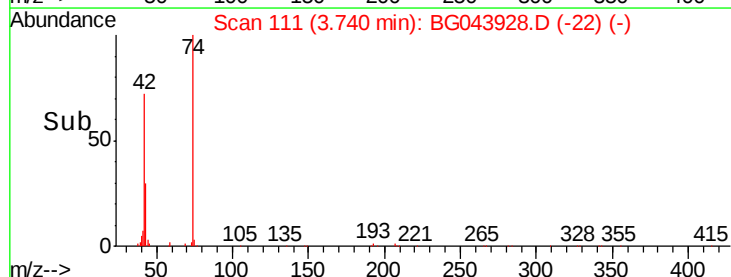
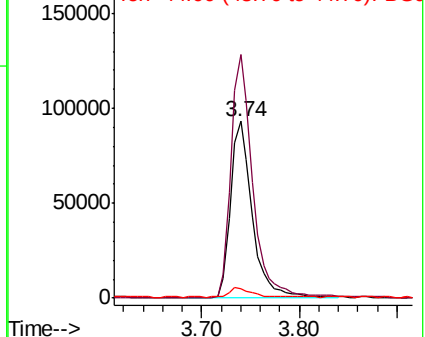
42 100

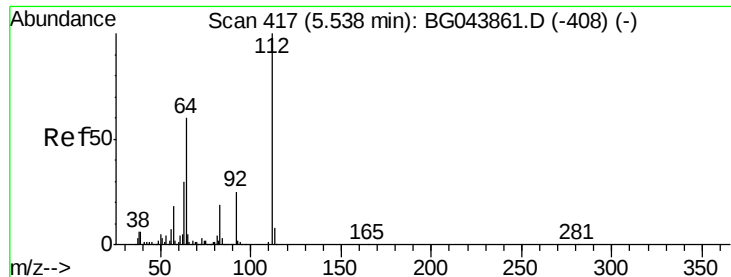
74 137.9 108.6 162.8

44 5.6 5.0 7.6



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





#5

2-Fluorophenol

Concen: 123.489 ng

RT: 5.54 min Scan# 418

Delta R.T. 0.01 min

Lab File: BG043928.D

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Instrument :

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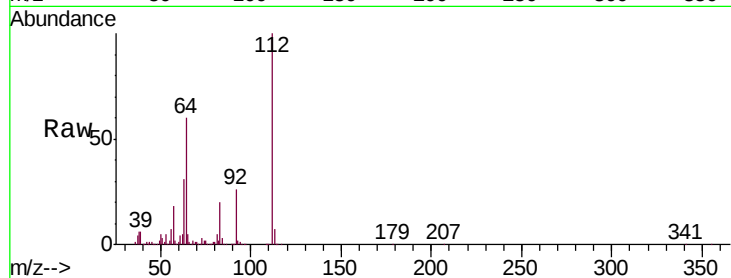
Tgt Ion: 112 Resp: 880176

Ion Ratio Lower Upper

112 100

64 60.1 47.8 71.6

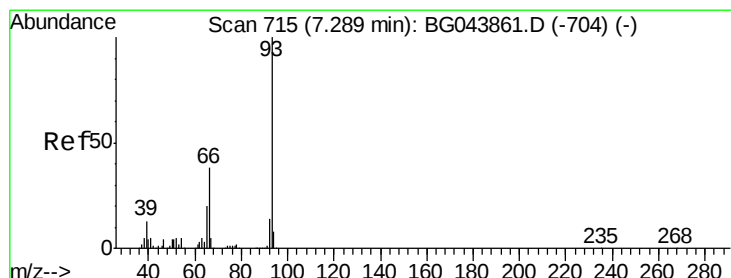
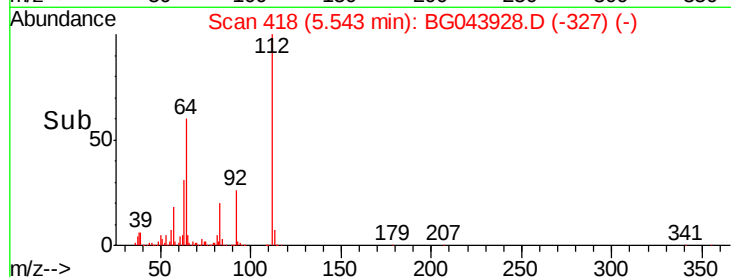
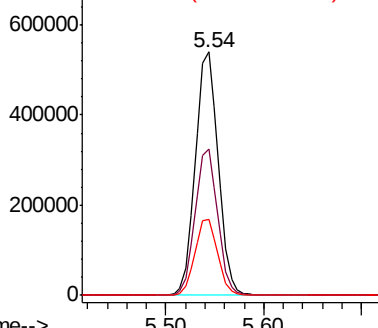
63 31.3 24.3 36.5



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 22.691 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG043928.D

Acq: 6 Jan 2020 12:40

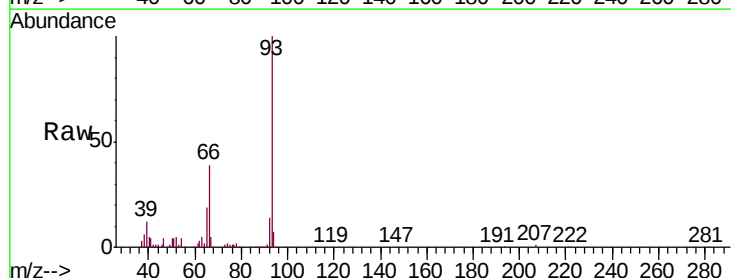
Tgt Ion: 93 Resp: 296933

Ion Ratio Lower Upper

93 100

66 38.6 30.8 46.2

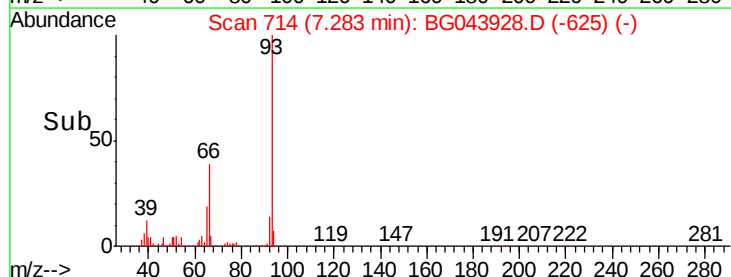
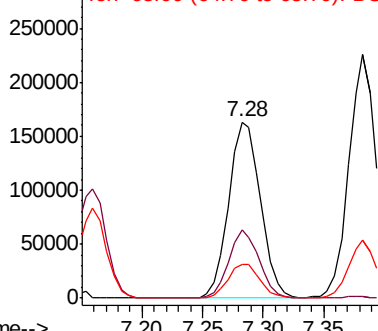
65 19.2 16.0 24.0

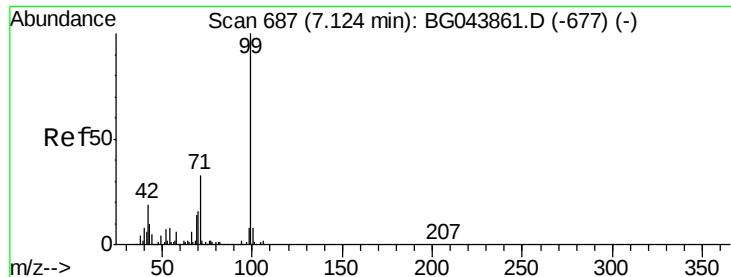


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 116.751 ng

RT: 7.13 min Scan# 688

Delta R.T. 0.01 min

Lab File: BG043928.D

Acq: 6 Jan 2020 12:40

Instrument :

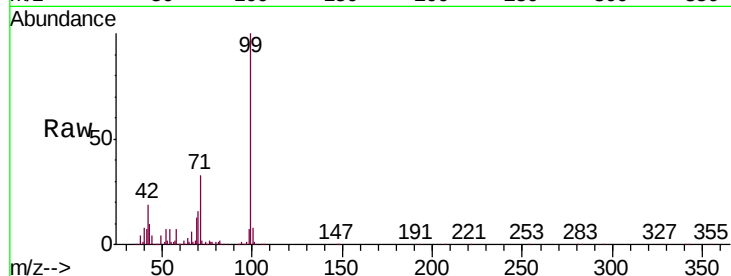
BNA_G

ClientSampleId :

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Tgt Ion: 99 Resp: 1163196

Ion	Ratio	Lower	Upper
99	100		
42	19.2	14.9	22.3
71	33.1	26.4	39.6

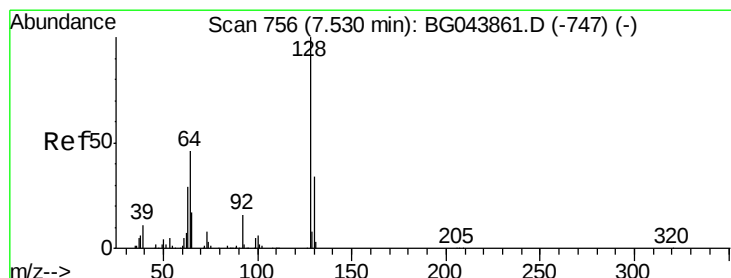
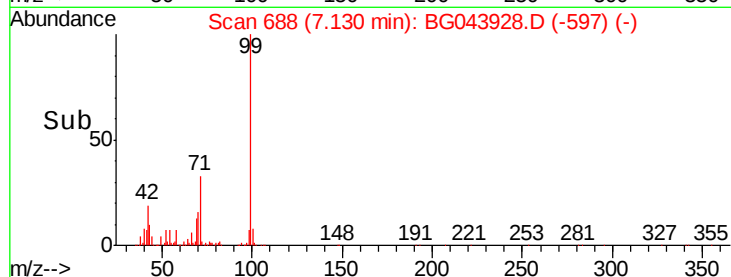
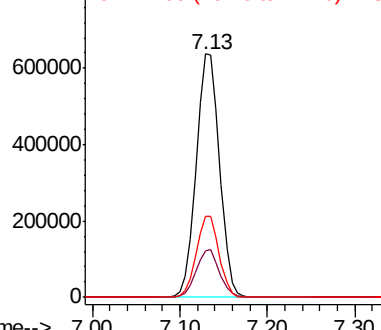


Abundance

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: 45.441 ng

RT: 7.53 min Scan# 756

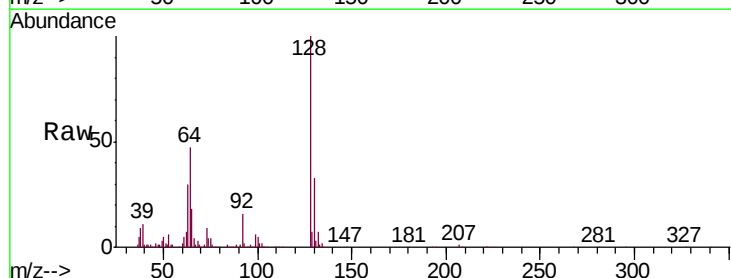
Delta R.T. -0.00 min

Lab File: BG043928.D

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Tgt Ion: 128 Resp: 380235

Ion	Ratio	Lower	Upper
128	100		
130	32.5	13.8	53.8
64	46.9	27.6	67.6

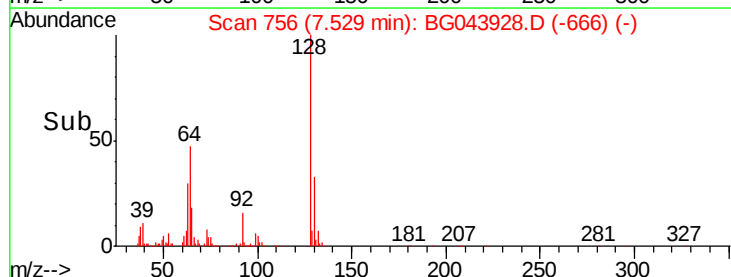
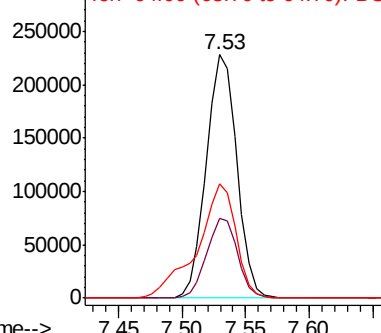


Abundance

Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 38.247 ng

RT: 7.09 min Scan# 682

Delta R.T. -0.00 min

Lab File: BG043928.D

Acq: 6 Jan 2020 12:40

Instrument :

BNA_G

ClientSampleId :

PB125878BSD

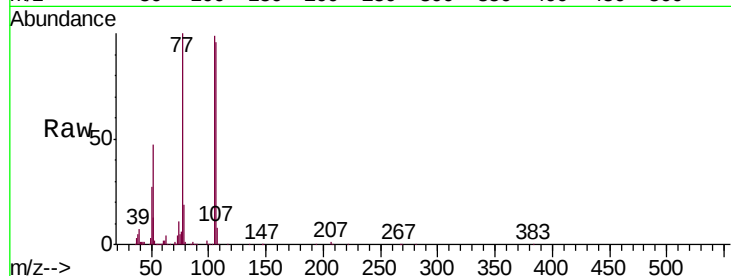
Tgt Ion: 77 Resp: 243886

Ion Ratio Lower Upper

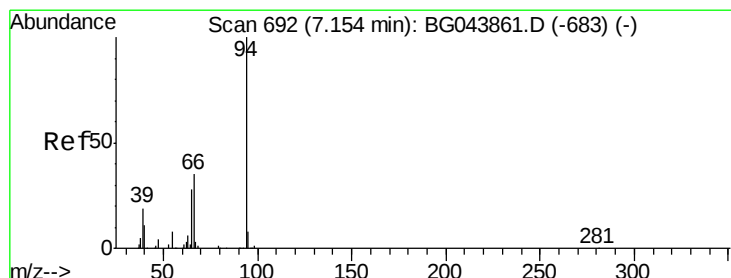
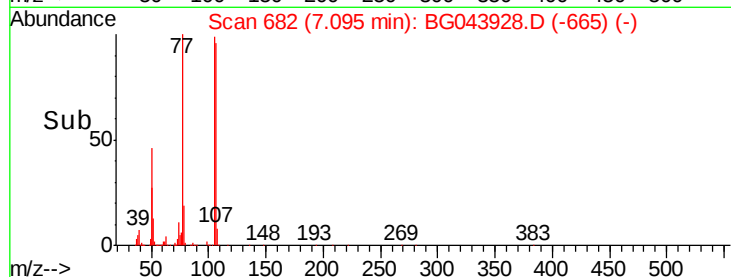
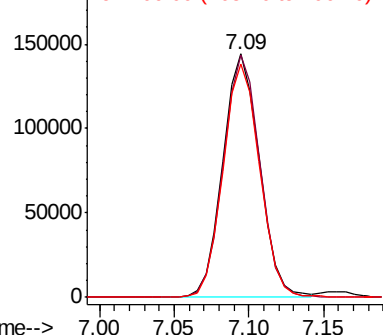
77 100

105 99.3 80.2 120.2

106 96.1 77.2 117.2



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: 46.388 ng

RT: 7.16 min Scan# 693

Delta R.T. 0.01 min

Lab File: BG043928.D

Acq: 6 Jan 2020 12:40

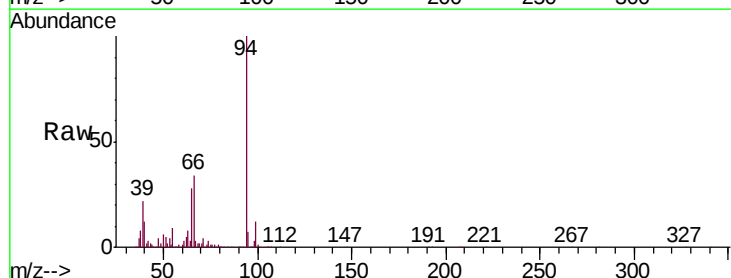
Tgt Ion: 94 Resp: 476180

Ion Ratio Lower Upper

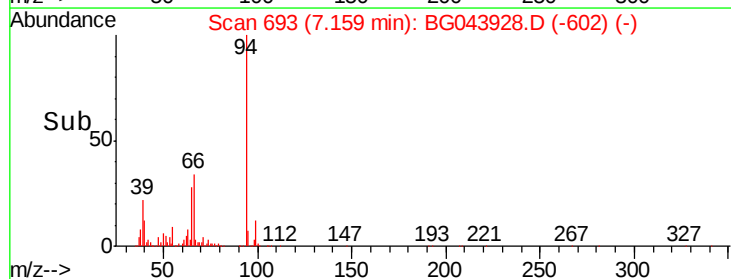
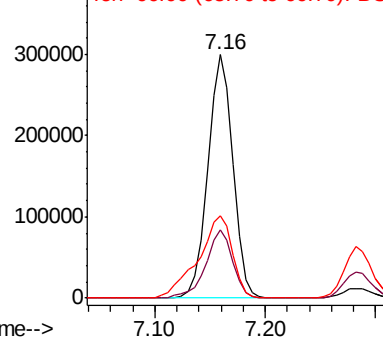
94 100

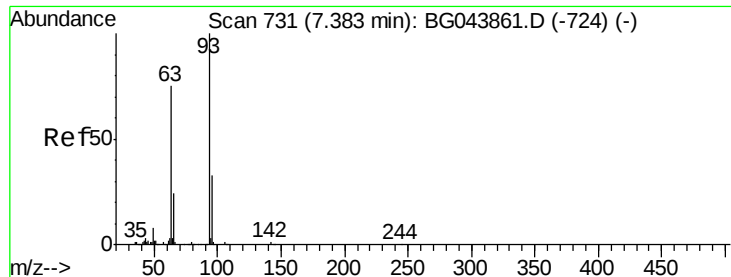
65 27.8 8.1 48.1

66 33.9 15.6 55.6



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

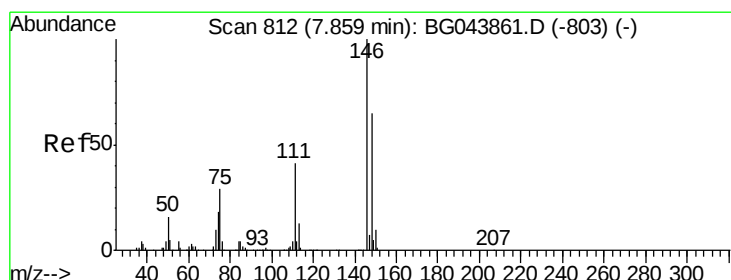
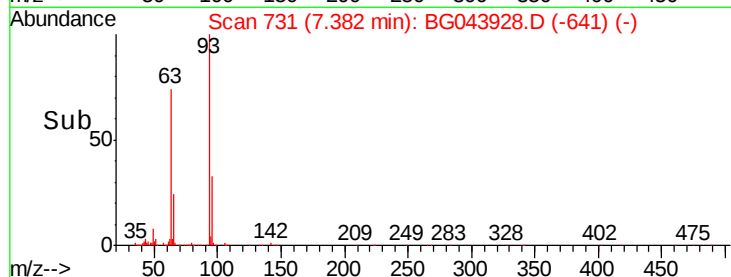
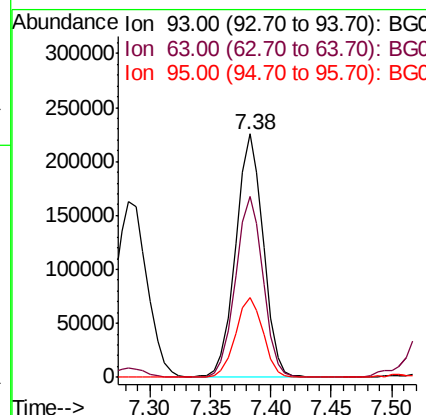
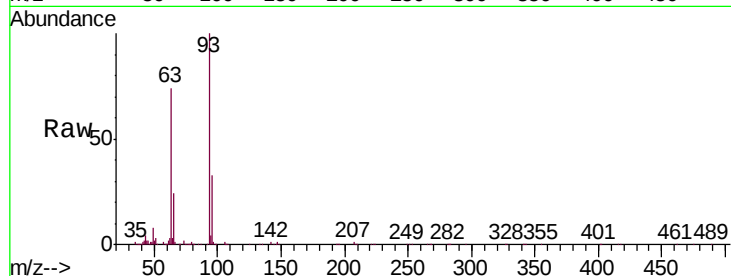




#11
 bis(2-Chloroethyl)ether
 Concen: 40.369 ng
 RT: 7.38 min Scan# 731
 Delta R.T. -0.00 min
 Lab File: BG043928.D
 Acq: 6 Jan 2020 12:40

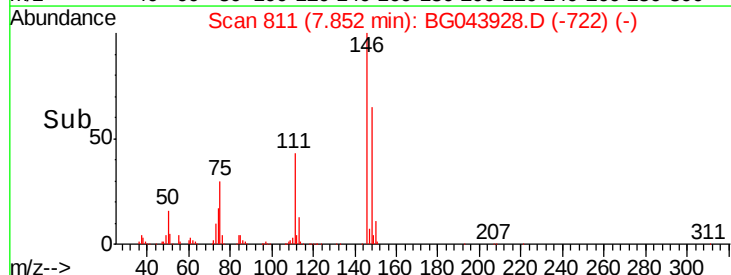
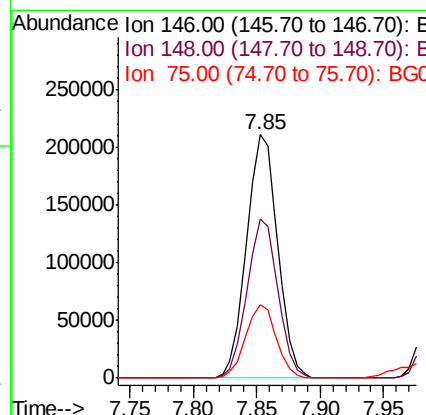
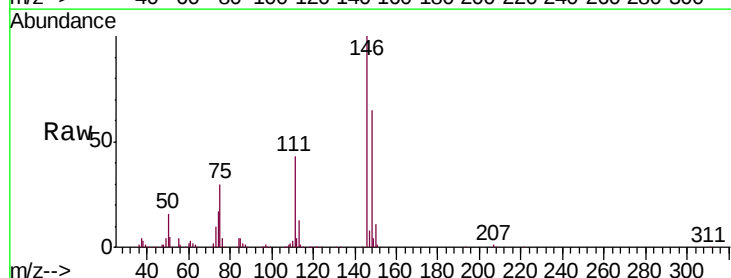
Instrument :
 BNA_G
 ClientSampleId :
 PB125878BSD

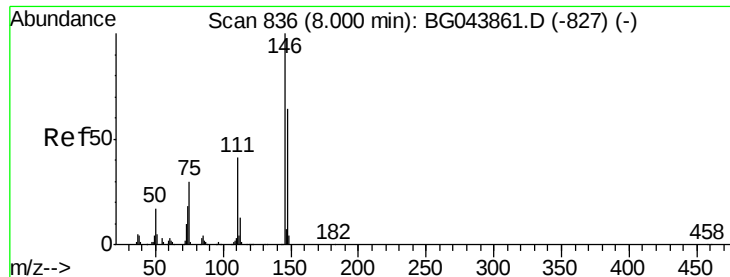
Tgt Ion: 93 Resp: 357699
 Ion Ratio Lower Upper
 93 100
 63 74.2 55.0 95.0
 95 32.7 13.3 53.3



#12
 1,3-Dichlorobenzene
 Concen: 36.778 ng
 RT: 7.85 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BG043928.D
 Acq: 6 Jan 2020 12:40

Tgt Ion: 146 Resp: 360128
 Ion Ratio Lower Upper
 146 100
 148 65.2 52.1 78.1
 75 30.2 23.0 34.4

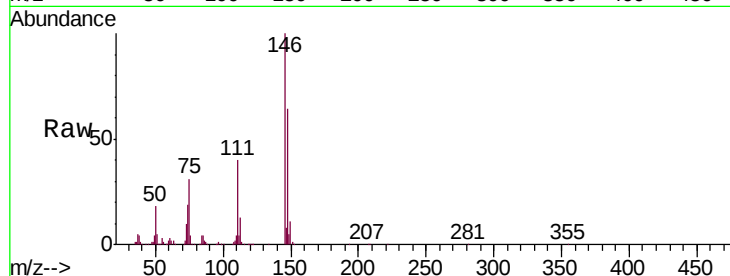




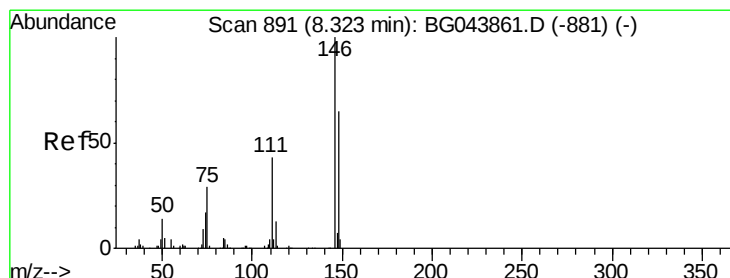
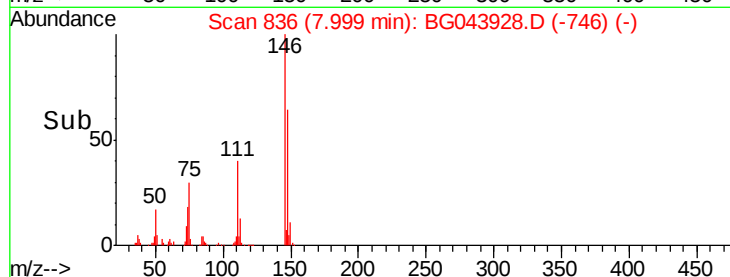
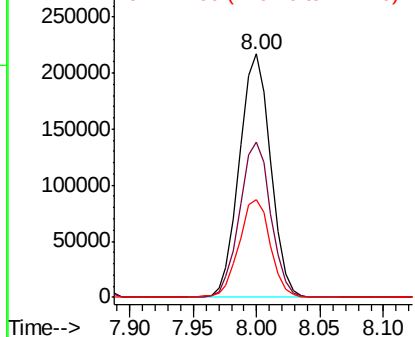
#13
 1,4-Dichlorobenzene
 Concen: 38.386 ng
 RT: 8.00 min Scan# 836
 Delta R.T. -0.00 min
 Lab File: BG043928.D
 Acq: 6 Jan 2020 12:40

Instrument :
 BNA_G
 ClientSampleId :
 PB125878BSD

Tgt Ion:146 Resp: 370859
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.2 76.8
 111 40.0 33.1 49.7

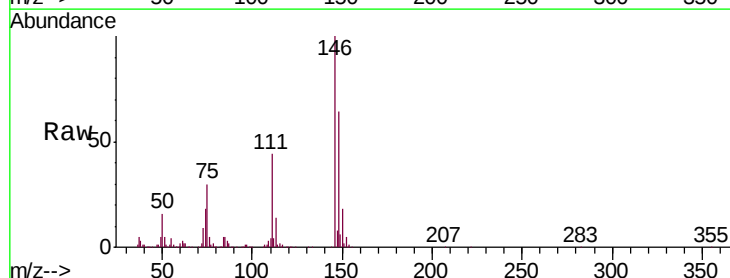


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

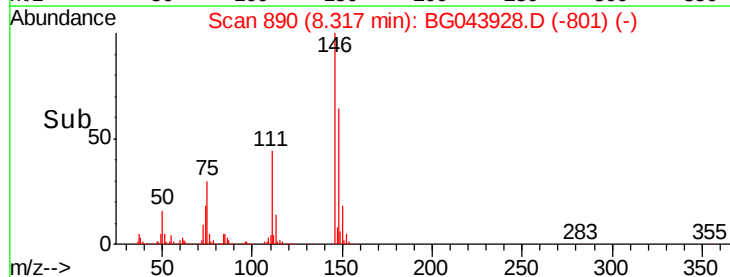
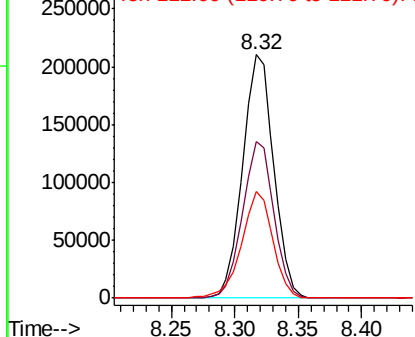


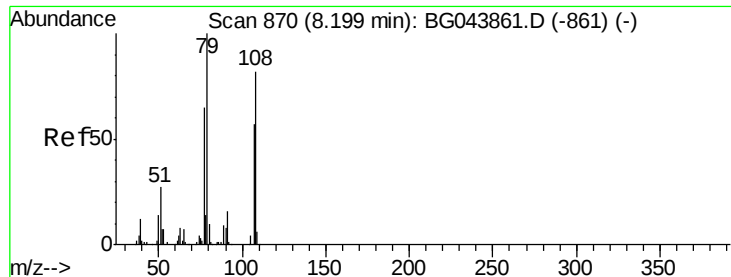
#14
 1,2-Dichlorobenzene
 Concen: 38.546 ng
 RT: 8.32 min Scan# 890
 Delta R.T. -0.01 min
 Lab File: BG043928.D
 Acq: 6 Jan 2020 12:40

Tgt Ion:146 Resp: 357454
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.7 77.5
 111 43.8 34.4 51.6



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: 42.005 ng

RT: 8.20 min Scan# 870

Delta R.T. -0.00 min

Lab File: BG043928.D

Acq: 6 Jan 2020 12:40

Instrument :

BNA_G

ClientSampleId :

PB125878BSD

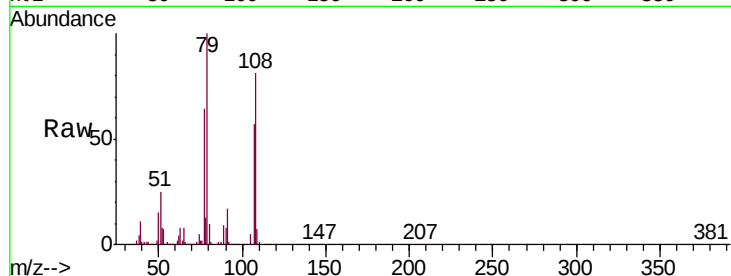
Tgt Ion: 79 Resp: 330289

Ion Ratio Lower Upper

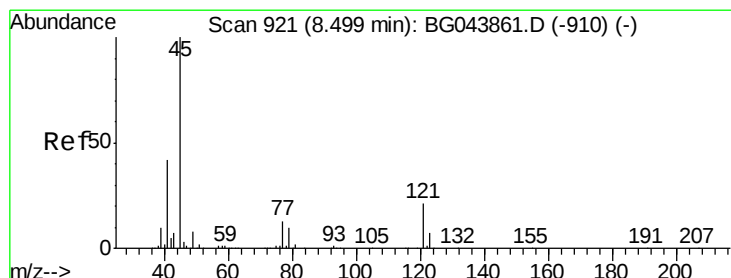
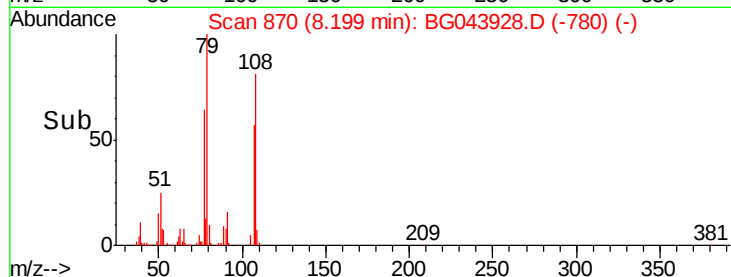
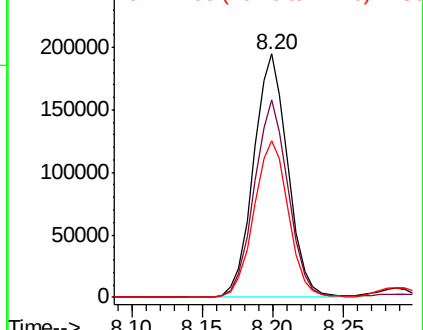
79 100

108 81.4 65.6 98.4

77 64.4 52.0 78.0



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: 37.268 ng

RT: 8.49 min Scan# 920

Delta R.T. -0.01 min

Lab File: BG043928.D

Acq: 6 Jan 2020 12:40

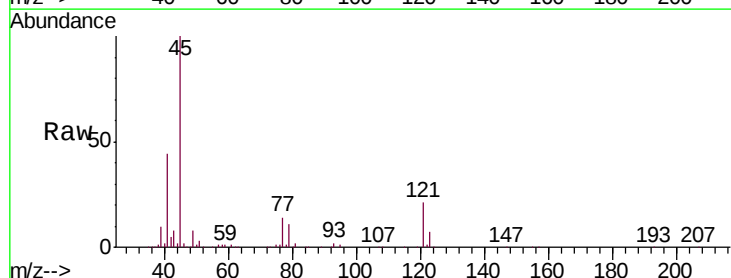
Tgt Ion: 45 Resp: 510901

Ion Ratio Lower Upper

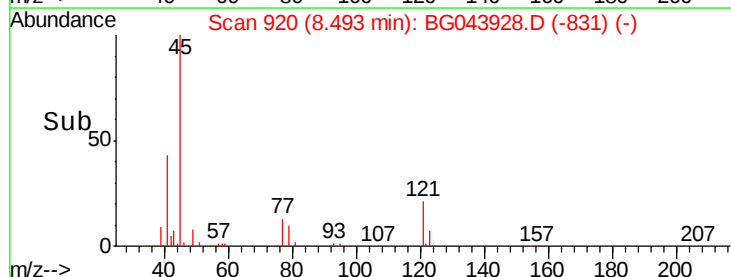
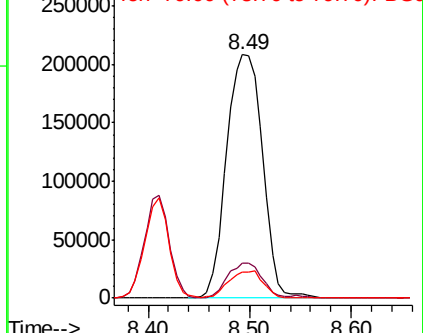
45 100

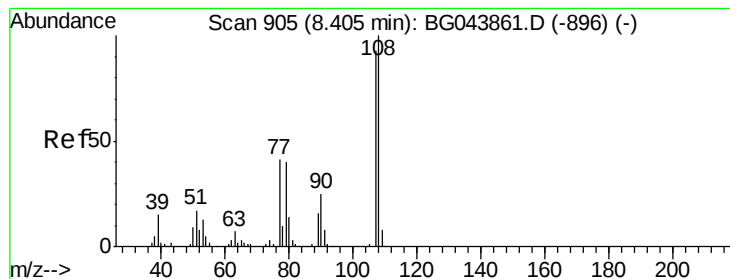
77 14.4 0.0 33.8

79 10.7 0.0 31.0



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: 45.018 ng

RT: 8.41 min Scan# 906

Delta R.T. 0.01 min

Lab File: BG043928.D

Acq: 6 Jan 2020 12:40

Instrument :

BNA_G

ClientSampleId :

PB125878BSD

Tgt Ion:107 Resp: 334417

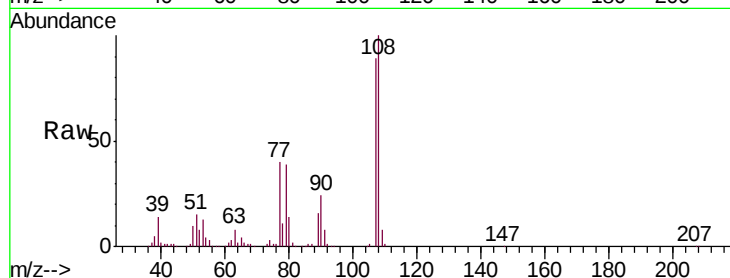
Ion Ratio Lower Upper

107 100

108 112.2 86.1 129.1

77 45.4 35.4 53.0

79 44.3 34.8 52.2



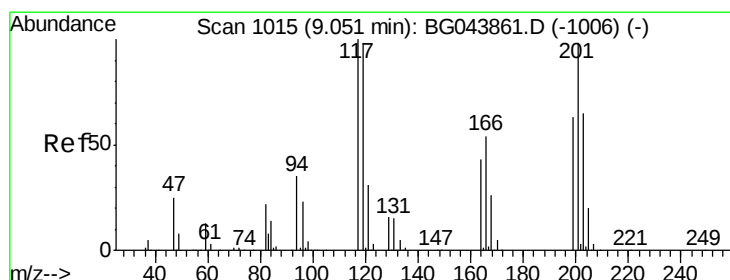
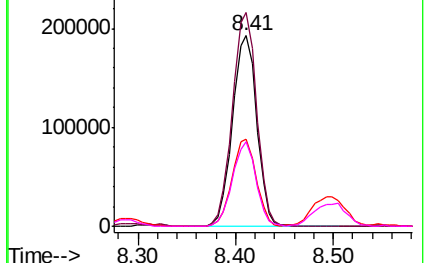
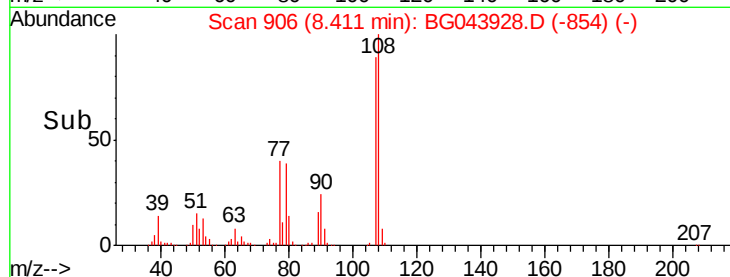
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 36.864 ng

RT: 9.05 min Scan# 1015

Delta R.T. -0.00 min

Lab File: BG043928.D

Acq: 6 Jan 2020 12:40

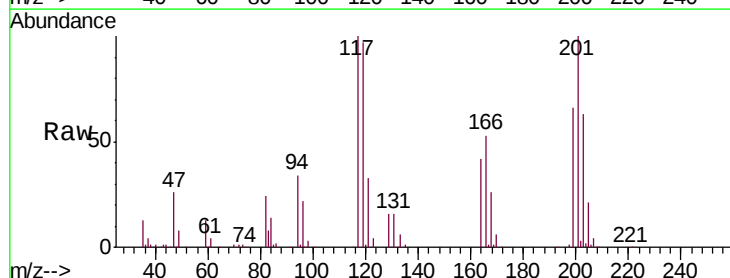
Tgt Ion:117 Resp: 138586

Ion Ratio Lower Upper

117 100

119 96.6 78.1 117.1

201 102.4 78.6 117.8

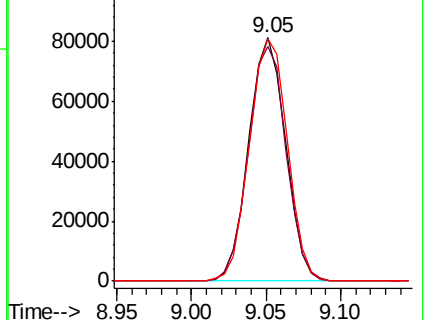
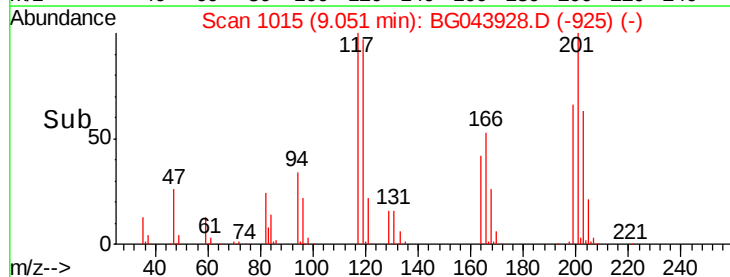


Abundance

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

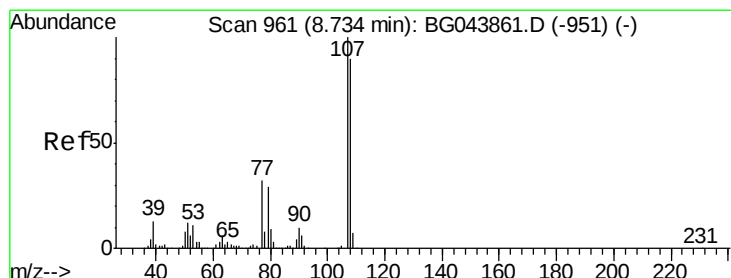
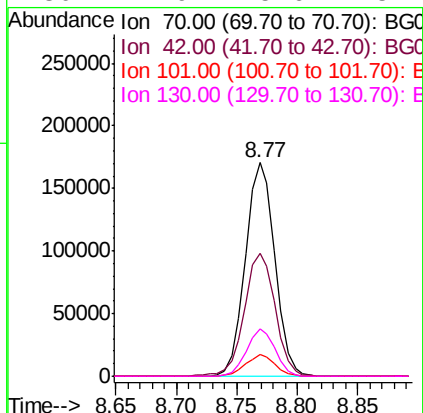
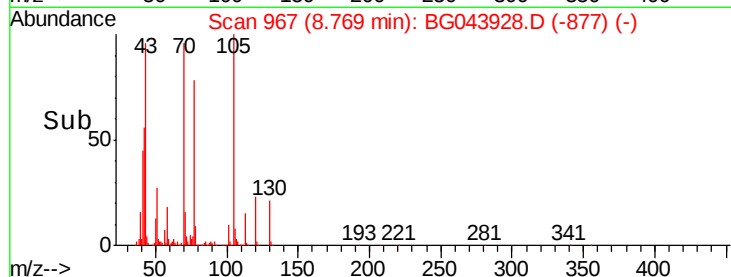
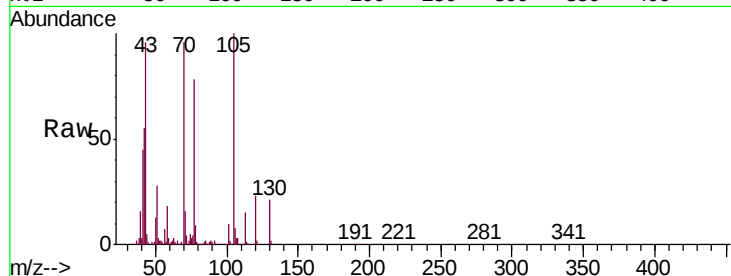




#19
n-Nitroso-di-n-propylamine
Concen: 39.089 ng
RT: 8.77 min Scan# 967
Delta R.T. -0.00 min
Lab File: BG043928.D
Acq: 6 Jan 2020 12:40

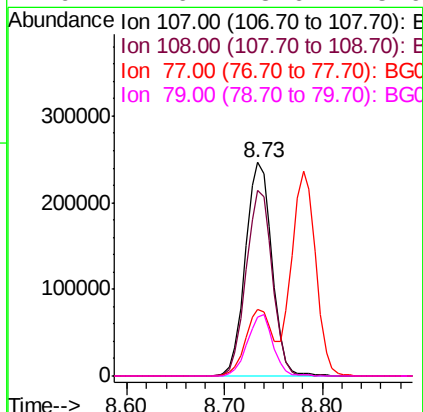
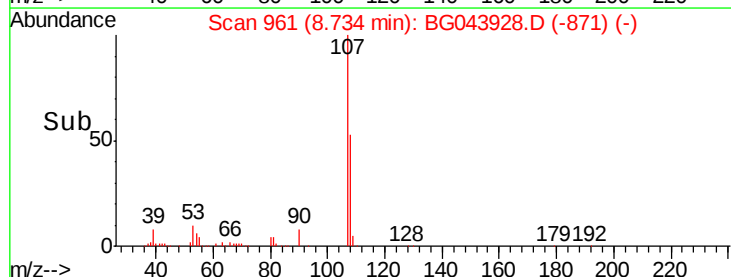
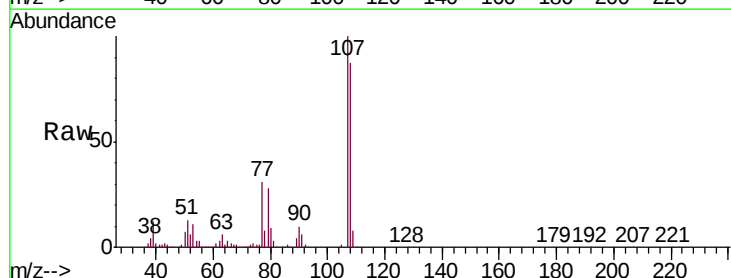
Instrument :
BNA_G
ClientSampleId :
PB125878BSD

Tgt Ion:	70	Resp:	290029
Ion	Ratio	Lower	Upper
70	100		
42	57.7	47.0	70.4
101	10.0	7.2	10.8
130	21.9	15.6	23.4



#20
3+4-Methylphenols
Concen: 45.388 ng
RT: 8.73 min Scan# 961
Delta R.T. -0.00 min
Lab File: BG043928.D
Acq: 6 Jan 2020 12:40

Tgt Ion:	107	Resp:	470353
Ion	Ratio	Lower	Upper
107	100		
108	86.9	70.3	110.3
77	31.3	12.4	52.4
79	27.6	8.6	48.6

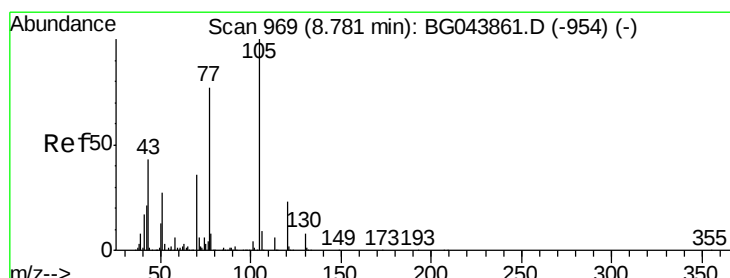
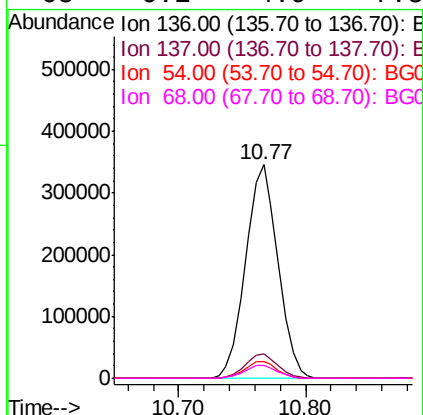
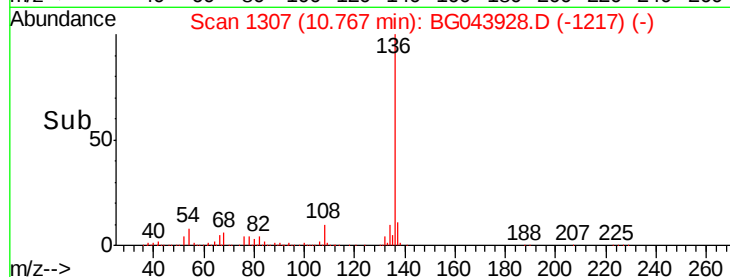
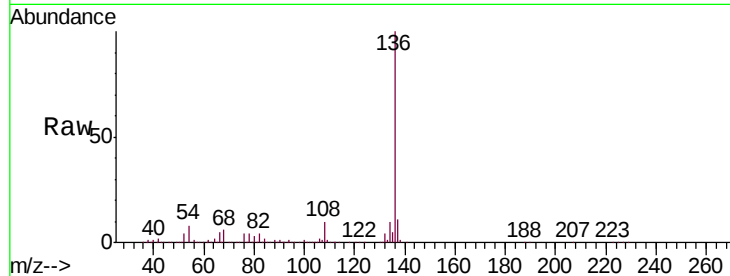




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.77 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BG043928.D
Acq: 6 Jan 2020 12:40

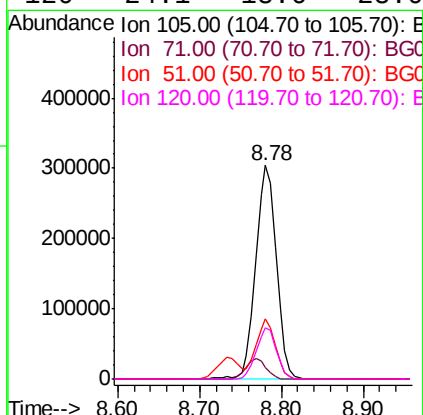
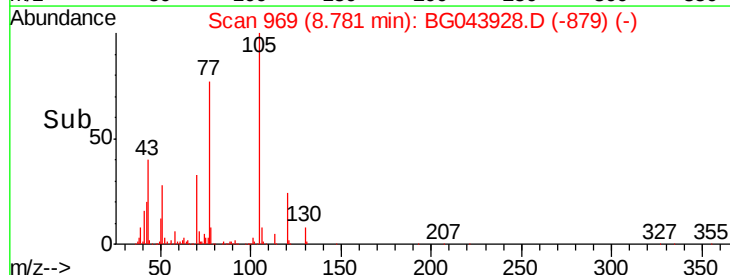
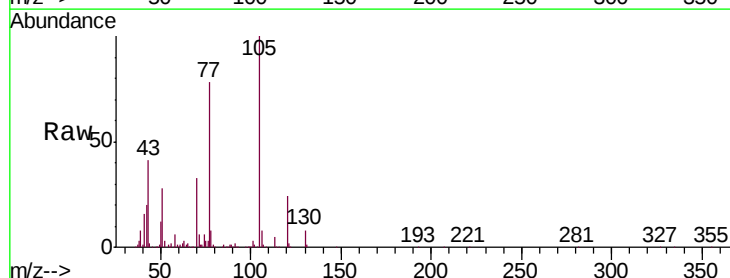
Instrument :
BNA_G
ClientSampleId :
PB125878BSD

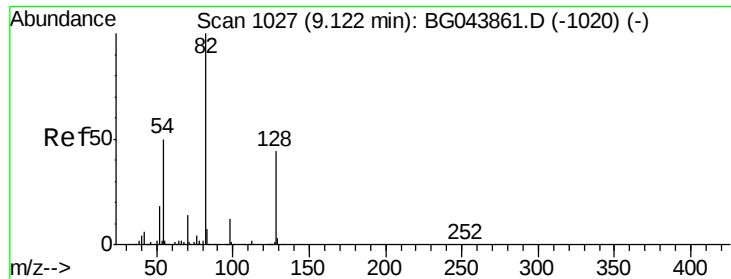
Tgt Ion:	136	Resp:	609528
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.8	13.2
54	7.8	7.0	10.4
68	6.1	4.9	7.3



#22
Acetophenone
Concen: 35.238 ng
RT: 8.78 min Scan# 969
Delta R.T. -0.00 min
Lab File: BG043928.D
Acq: 6 Jan 2020 12:40

Tgt Ion:	105	Resp:	533973
Ion	Ratio	Lower	Upper
105	100		
71	5.6	4.8	7.2
51	28.2	21.4	32.0
120	24.1	18.6	28.0

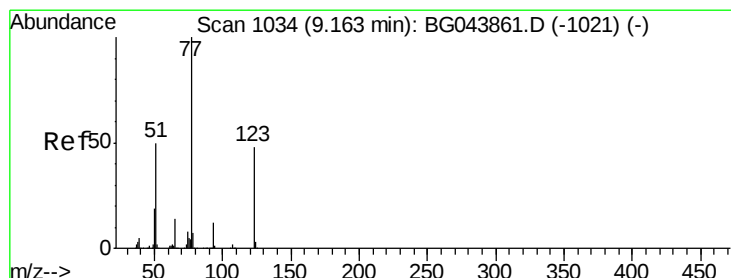
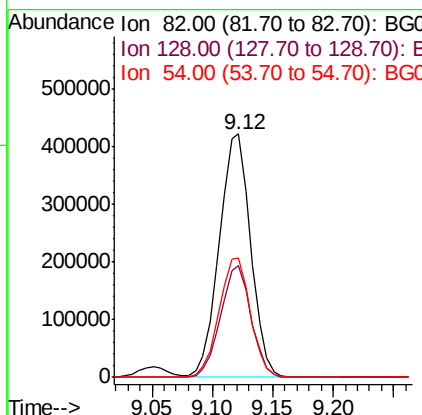
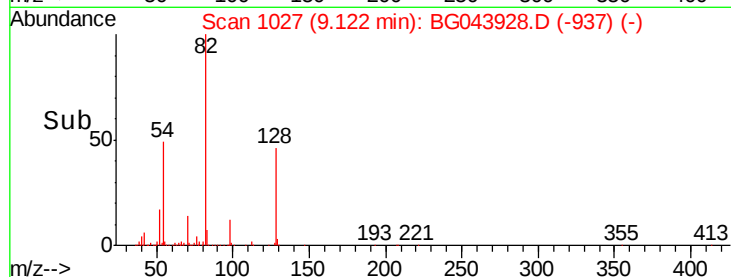
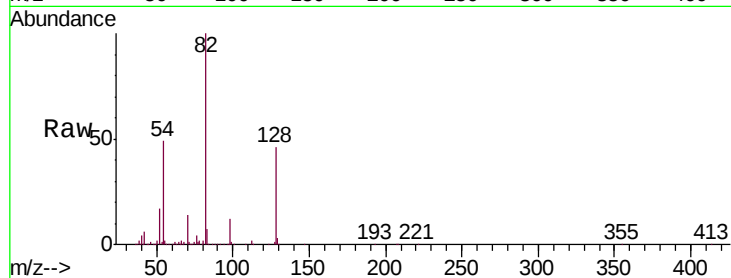




#23
 Nitrobenzene-d5
 Concen: 66.430 ng
 RT: 9.12 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BG043928.D
 Acq: 6 Jan 2020 12:40

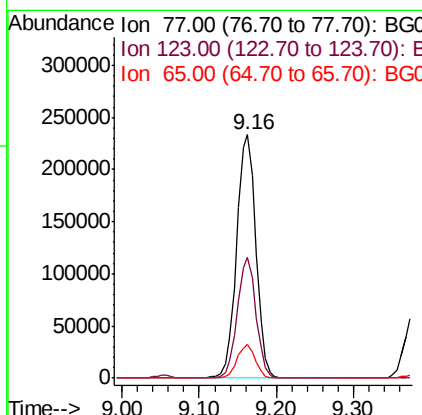
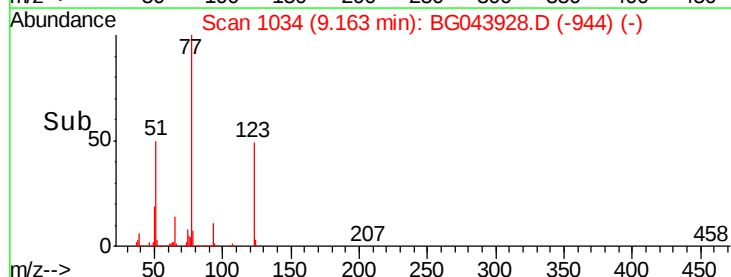
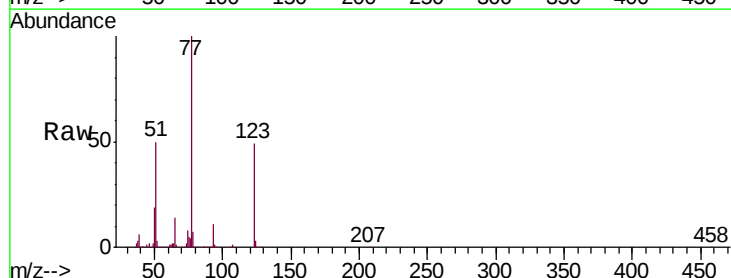
Instrument :
 BNA_G
 ClientSampleId :
 PB125878BSD

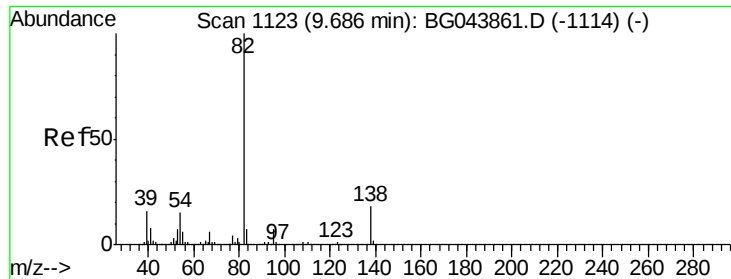
Tgt Ion: 82 Resp: 756901
 Ion Ratio Lower Upper
 82 100
 128 45.8 35.1 52.7
 54 49.3 40.1 60.1



#24
 Nitrobenzene
 Concen: 36.398 ng
 RT: 9.16 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: BG043928.D
 Acq: 6 Jan 2020 12:40

Tgt Ion: 77 Resp: 410743
 Ion Ratio Lower Upper
 77 100
 123 49.4 38.7 58.1
 65 13.8 11.1 16.7

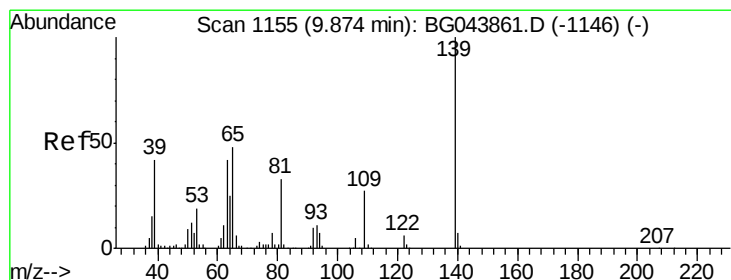
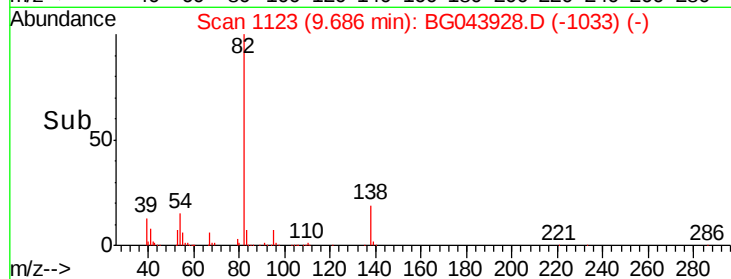
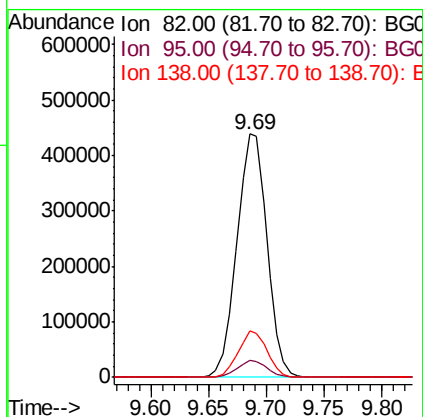
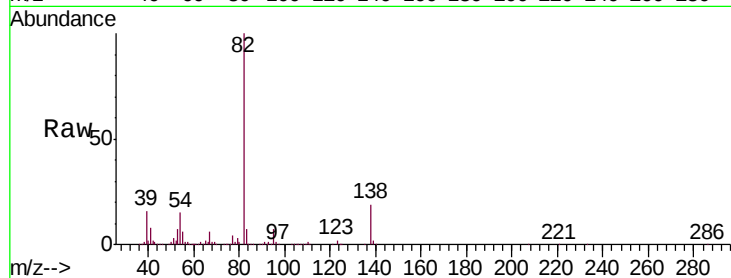




#25
Isophorone
Concen: 37.013 ng
RT: 9.69 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BG043928.D
Acq: 6 Jan 2020 12:40

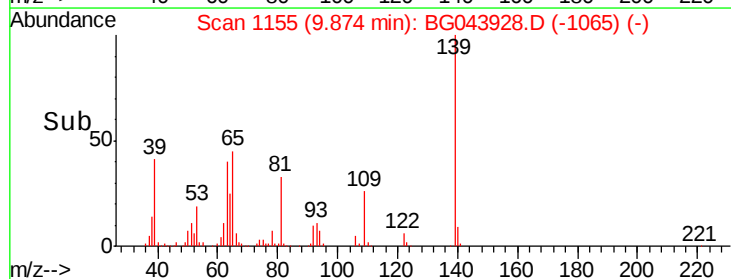
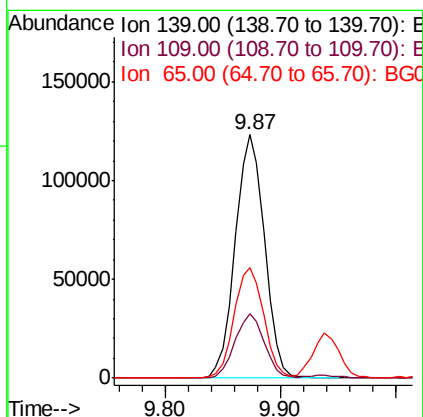
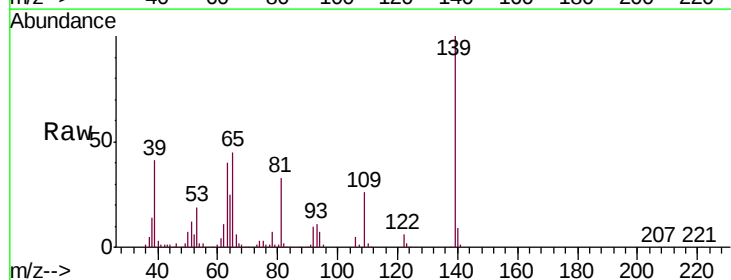
Instrument :
BNA_G
ClientSampleId :
PB125878BSD

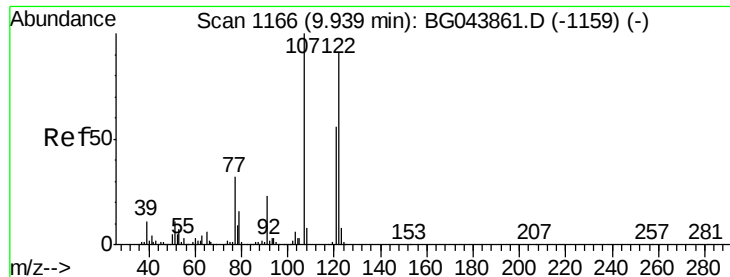
Tgt Ion: 82 Resp: 791206
Ion Ratio Lower Upper
82 100
95 7.3 5.8 8.6
138 19.0 14.6 22.0



#26
2-Nitrophenol
Concen: 40.420 ng
RT: 9.87 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BG043928.D
Acq: 6 Jan 2020 12:40

Tgt Ion: 139 Resp: 215806
Ion Ratio Lower Upper
139 100
109 26.3 21.3 31.9
65 45.3 38.6 57.8

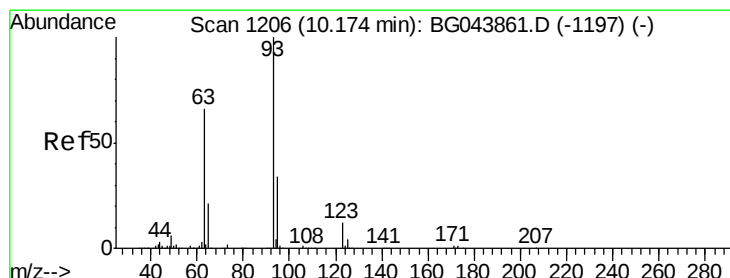
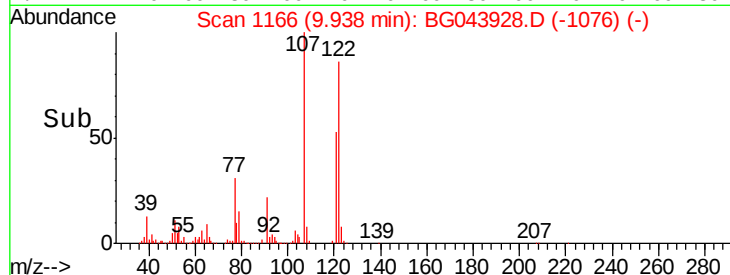
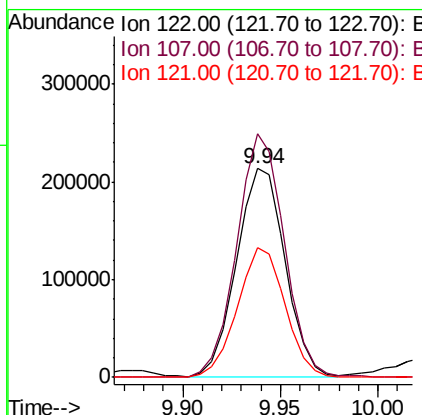
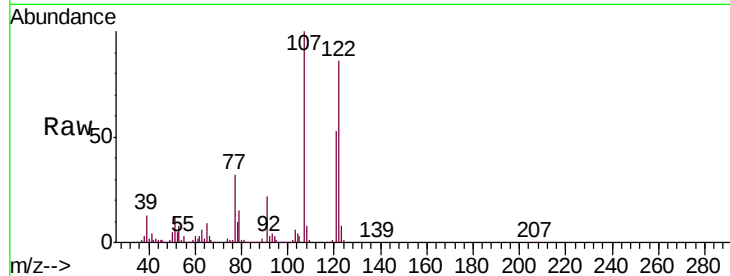




#27
 2,4-Dimethylphenol
 Concen: 45.545 ng
 RT: 9.94 min Scan# 1166
 Delta R.T. -0.00 min
 Lab File: BG043928.D
 Acq: 6 Jan 2020 12:40

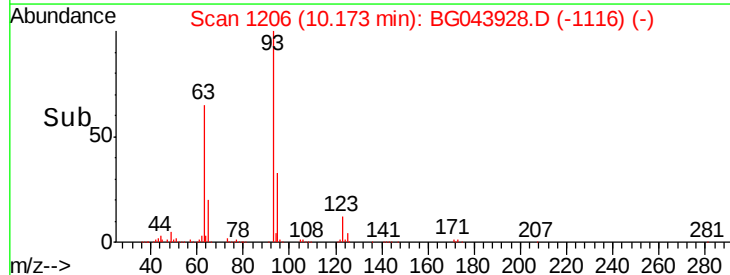
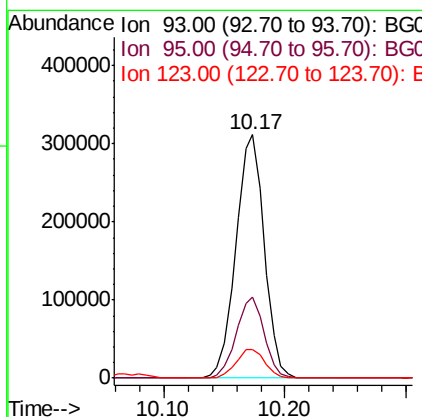
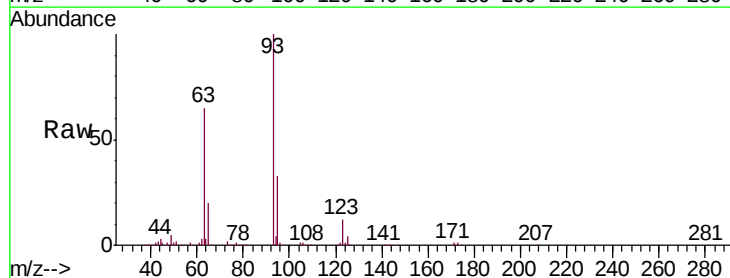
Instrument :
 BNA_G
 ClientSampleId :
 PB125878BSD

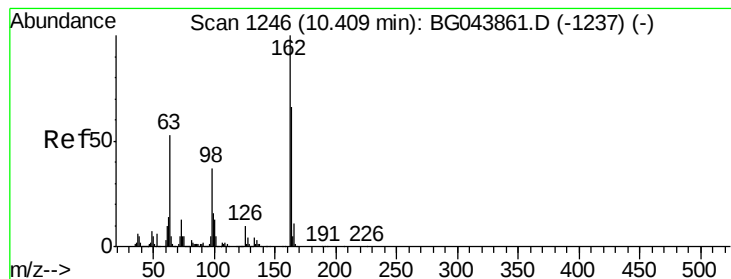
Tgt Ion	Ratio	Lower	Upper
122	100		
107	116.7	88.0	132.0
121	62.1	49.0	73.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.694 ng
 RT: 10.17 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BG043928.D
 Acq: 6 Jan 2020 12:40

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	27.2	40.8
123	11.9	9.7	14.5





#29

2,4-Dichlorophenol

Concen: 40.583 ng

RT: 10.41 min Scan# 1247

Delta R.T. 0.01 min

Lab File: BG043928.D

Acq: 6 Jan 2020 12:40

Instrument :

BNA_G

ClientSampleId :

PB125878BSD

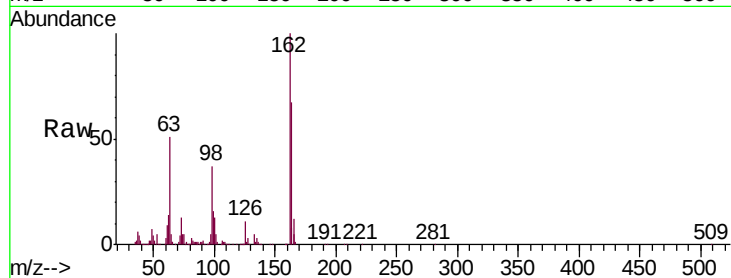
Tgt Ion:162 Resp: 389052

Ion Ratio Lower Upper

162 100

164 66.6 46.3 86.3

98 36.9 17.3 57.3

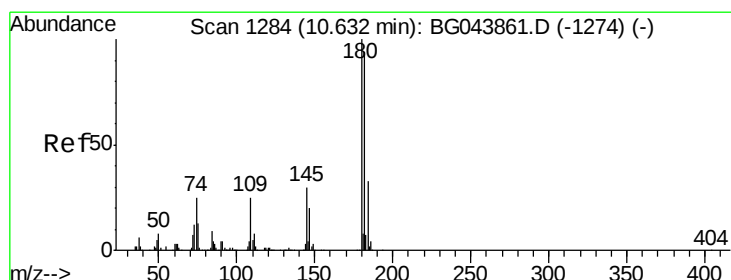
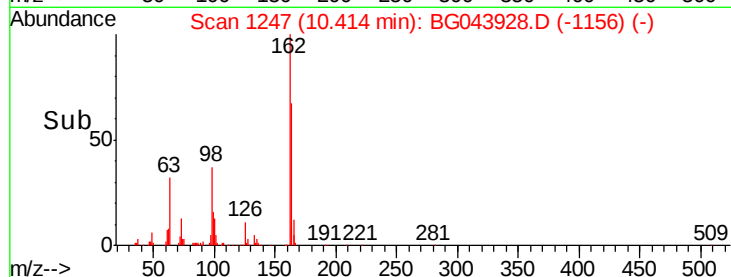
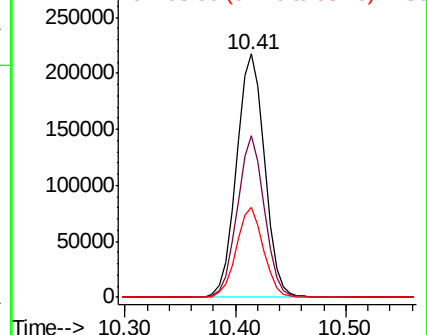


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30

1,2,4-Trichlorobenzene

Concen: 35.762 ng

RT: 10.63 min Scan# 1284

Delta R.T. -0.00 min

Lab File: BG043928.D

Acq: 6 Jan 2020 12:40

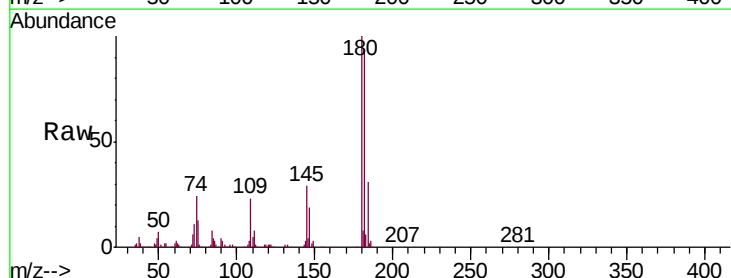
Tgt Ion:180 Resp: 384401

Ion Ratio Lower Upper

180 100

182 93.7 75.0 112.4

145 29.0 24.2 36.4

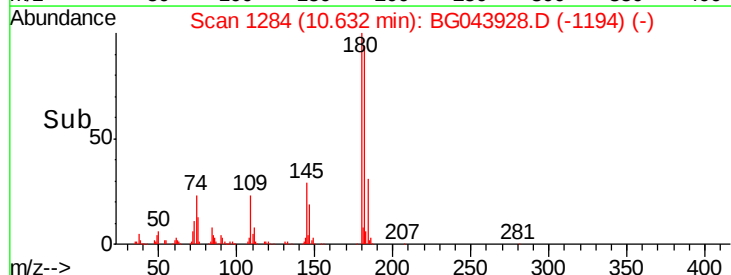
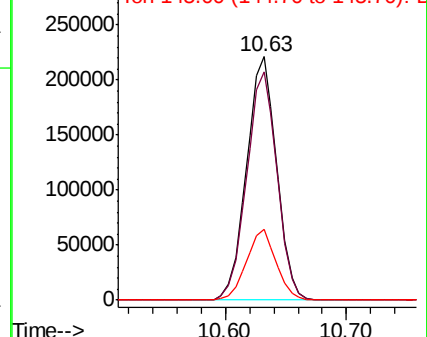


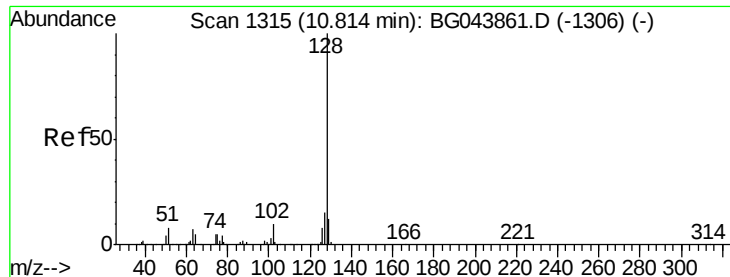
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

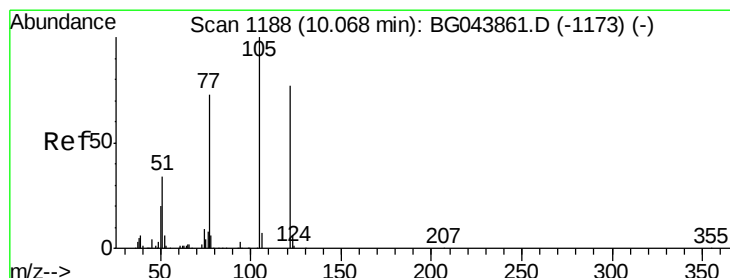
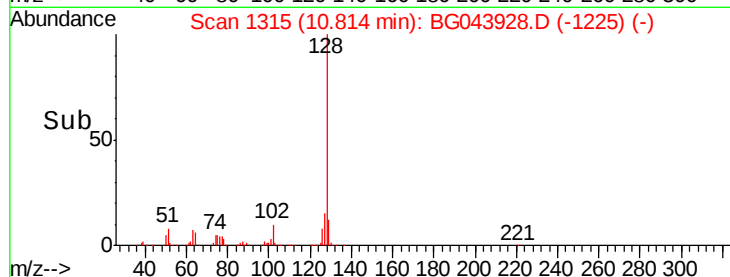
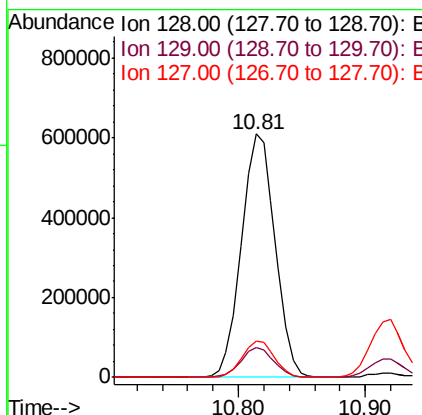
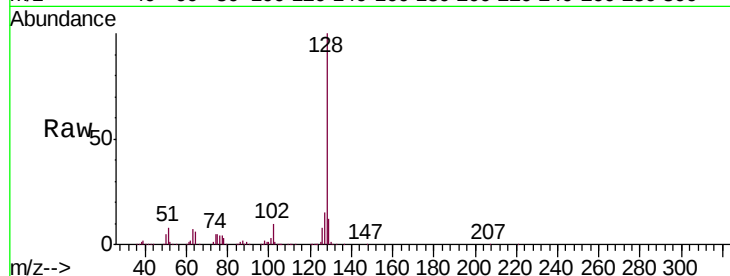




#31
Naphthalene
Concen: 37.986 ng
RT: 10.81 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG043928.D
Acq: 6 Jan 2020 12:40

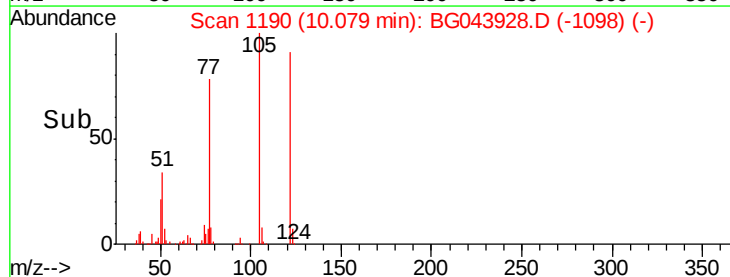
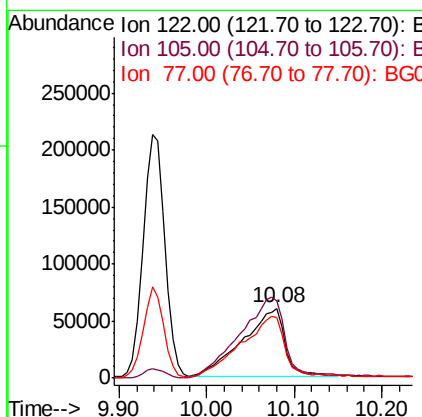
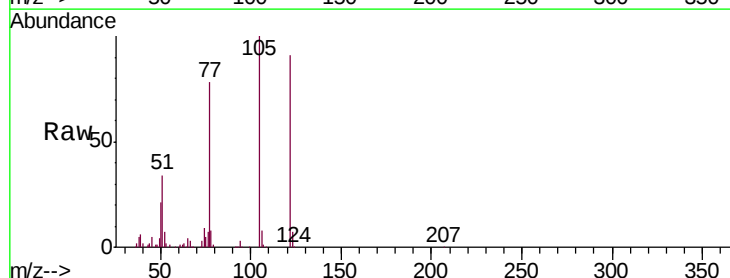
Instrument :
BNA_G
ClientSampleId :
PB125878BSD

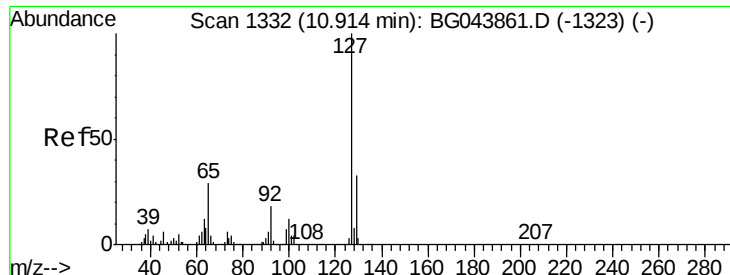
Tgt Ion:128 Resp: 1120422
Ion Ratio Lower Upper
128 100
129 12.2 9.8 14.6
127 14.9 12.0 18.0



#32
Benzoic acid
Concen: 32.678 ng
RT: 10.08 min Scan# 1190
Delta R.T. 0.01 min
Lab File: BG043928.D
Acq: 6 Jan 2020 12:40

Tgt Ion:122 Resp: 198828
Ion Ratio Lower Upper
122 100
105 110.2 106.4 146.4
77 86.5 74.6 114.6

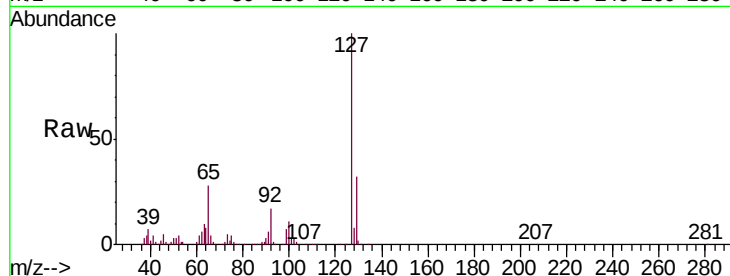




#33
4-Chloroaniline
Concen: 19.008 ng
RT: 10.92 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BG043928.D
Acq: 6 Jan 2020 12:40

Instrument :
BNA_G
ClientSampleId :
PB125878BSD

Tgt Ion:	127	Resp:	267408
Ion	Ratio	Lower	Upper
127	100		
129	31.5	26.6	40.0
65	28.2	23.3	34.9
92	17.1	14.7	22.1



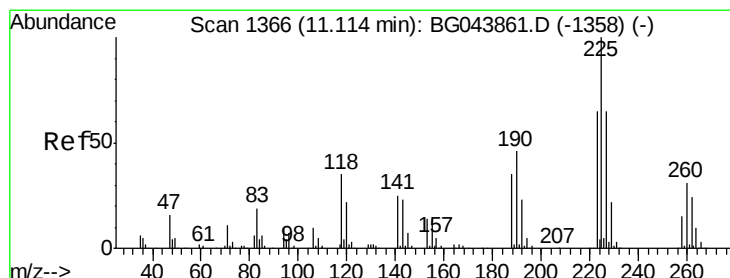
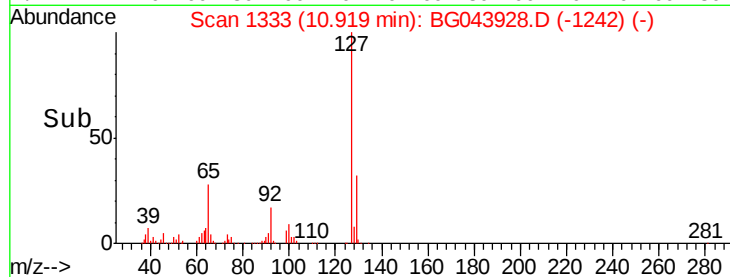
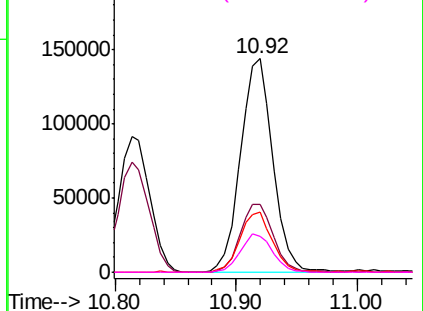
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

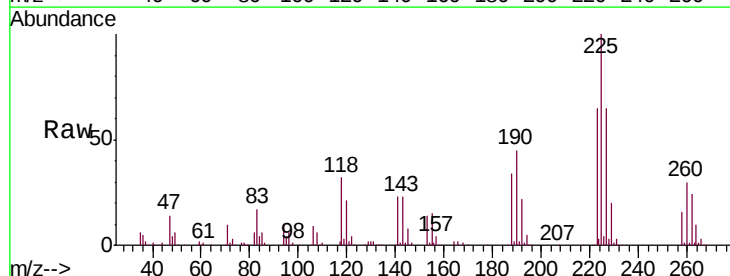
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 33.527 ng
RT: 11.11 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BG043928.D
Acq: 6 Jan 2020 12:40

Tgt Ion:	225	Resp:	220029
Ion	Ratio	Lower	Upper
225	100		
223	65.5	52.2	78.4
227	65.4	52.1	78.1

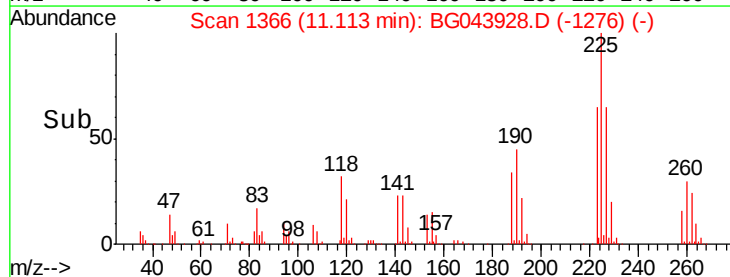
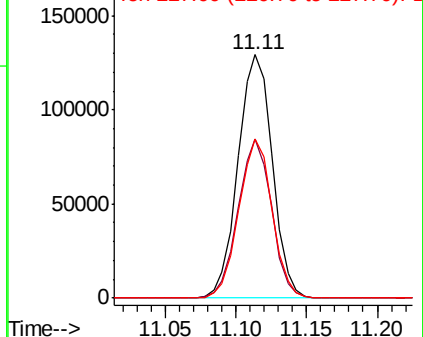


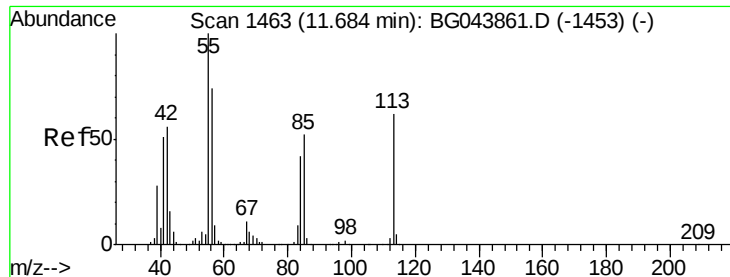
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 27.813 ng

RT: 11.68 min Scan# 1463

Delta R.T. -0.00 min

Lab File: BG043928.D

Acq: 6 Jan 2020 12:40

Instrument :

BNA_G

ClientSampleId :

PB125878BSD

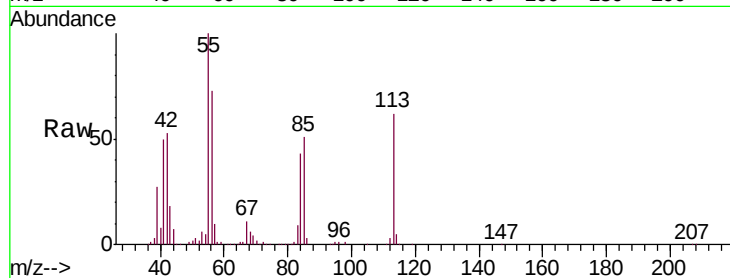
Tgt Ion:113 Resp: 99258

Ion Ratio Lower Upper

113 100

55 162.0 142.5 182.5

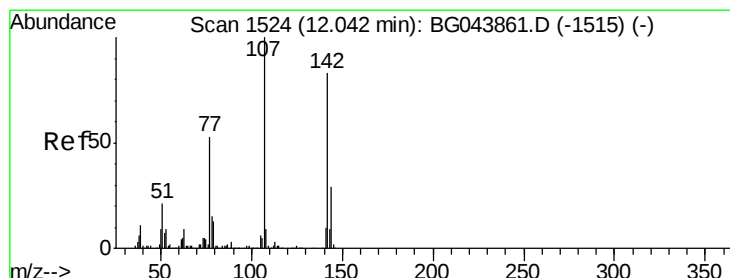
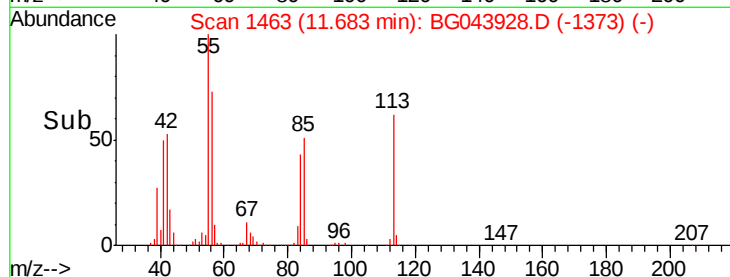
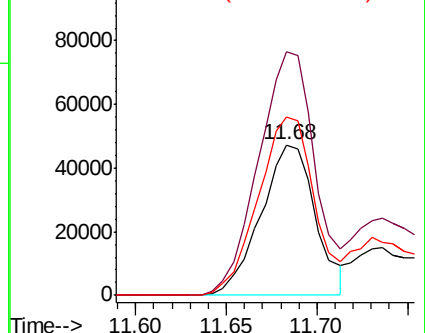
56 118.4 101.4 141.4



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: 41.449 ng

RT: 12.05 min Scan# 1525

Delta R.T. 0.01 min

Lab File: BG043928.D

Acq: 6 Jan 2020 12:40

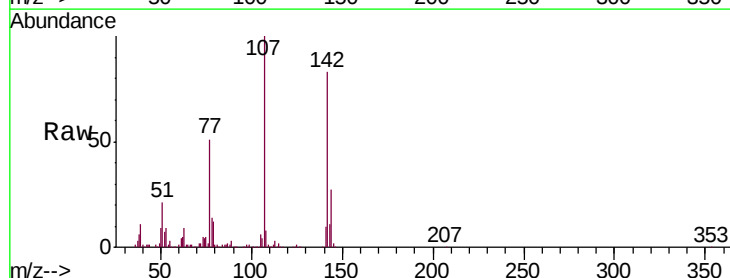
Tgt Ion:107 Resp: 423007

Ion Ratio Lower Upper

107 100

144 27.2 23.4 35.2

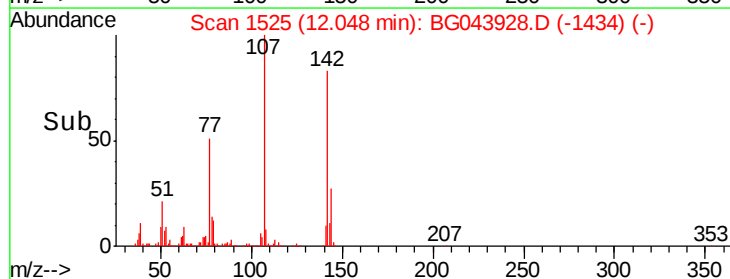
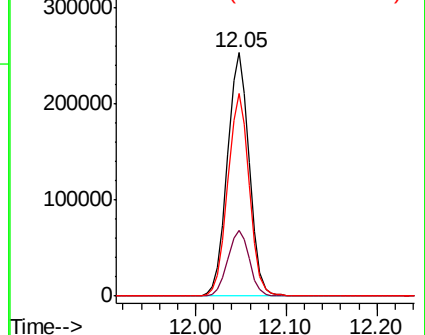
142 83.1 66.3 99.5

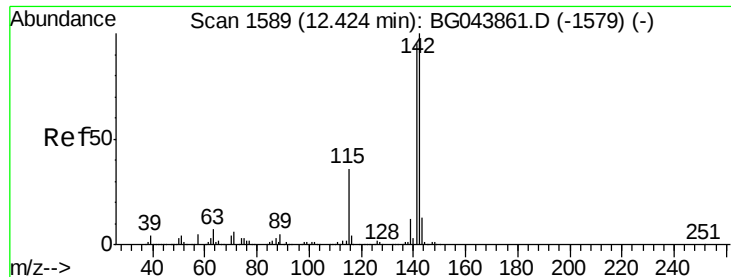


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

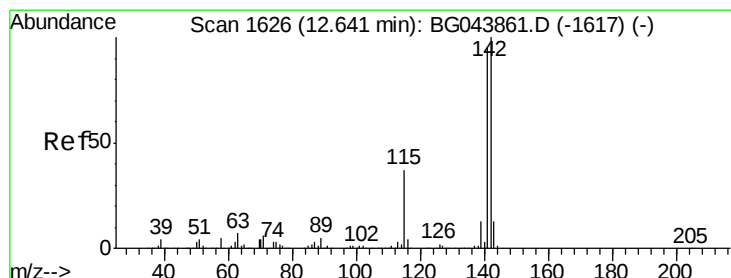
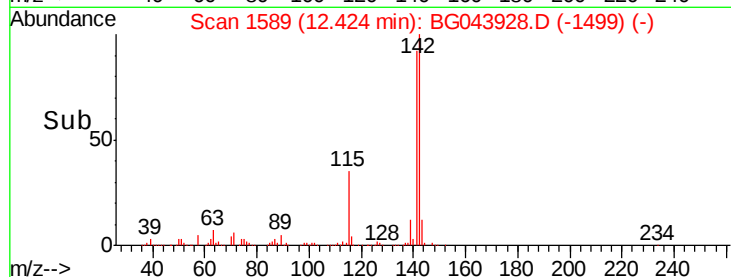
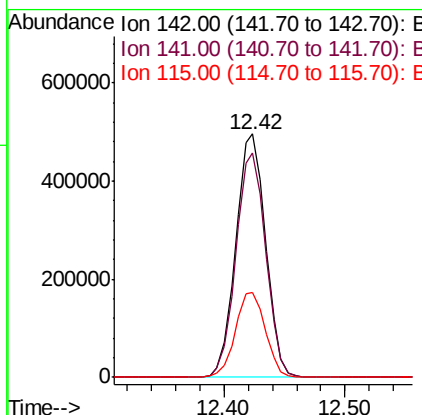
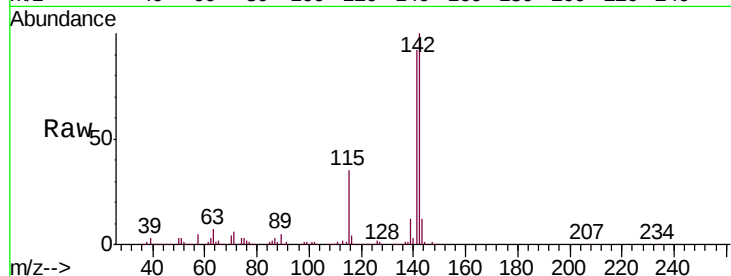




#37
2-Methylnaphthalene
Concen: 38.454 ng
RT: 12.42 min Scan# 1589
Delta R.T. -0.00 min
Lab File: BG043928.D
Acq: 6 Jan 2020 12:40

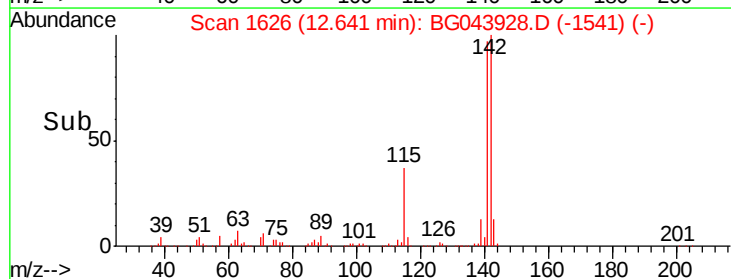
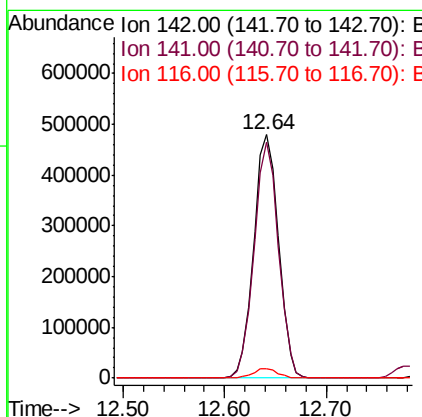
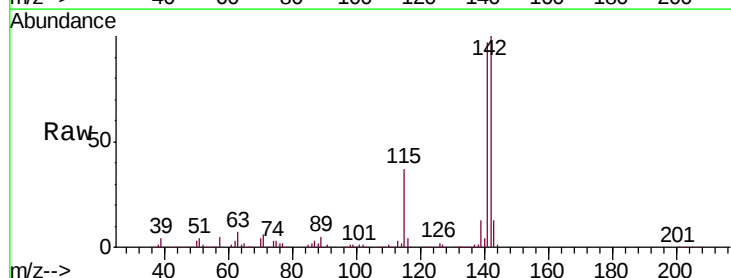
Instrument :
BNA_G
ClientSampleId :
PB125878BSD

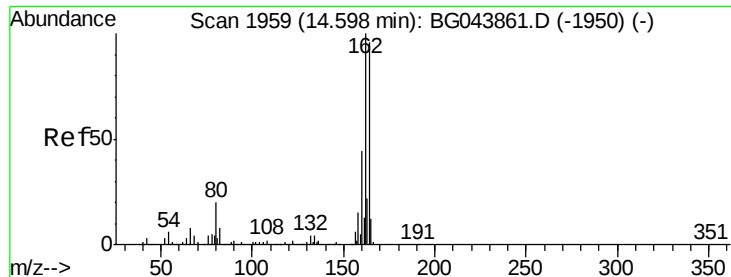
Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.4	75.8	113.8
115	34.7	28.6	42.8



#38
1-Methylnaphthalene
Concen: 38.772 ng
RT: 12.64 min Scan# 1626
Delta R.T. -0.00 min
Lab File: BG043928.D
Acq: 6 Jan 2020 12:40

Tgt Ion	Ratio	Lower	Upper
142	100		
141	96.7	76.0	114.0
116	3.9	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.60 min Scan# 1959

Delta R.T. -0.00 min

Lab File: BG043928.D

Acq: 6 Jan 2020 12:40

Instrument :

BNA_G

ClientSampleId :

PB125878BSD

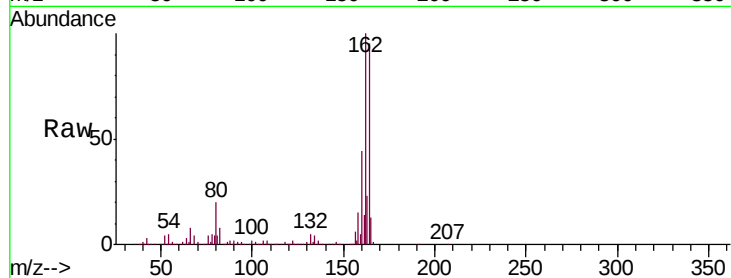
Tgt Ion:164 Resp: 415905

Ion Ratio Lower Upper

164 100

162 105.0 83.0 124.4

160 45.7 36.1 54.1

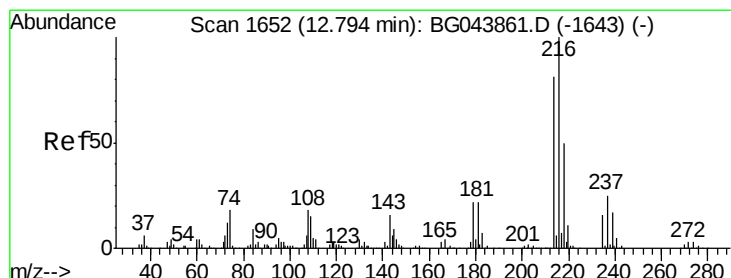
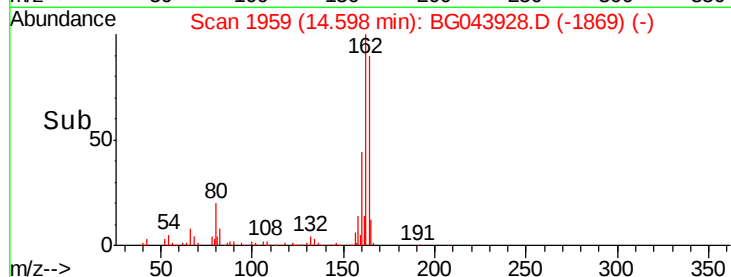
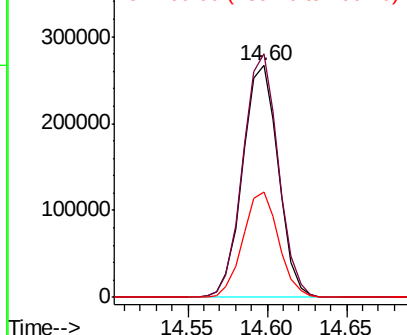


Abundance

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: 33.503 ng

RT: 12.79 min Scan# 1652

Delta R.T. -0.00 min

Lab File: BG043928.D

Acq: 6 Jan 2020 12:40

Tgt Ion:216 Resp: 408406

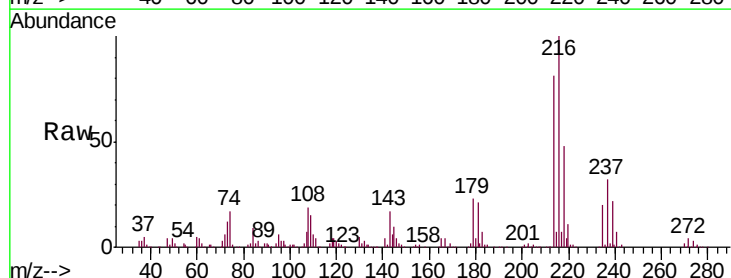
Ion Ratio Lower Upper

216 100

214 79.8 63.8 95.8

179 21.8 17.3 25.9

108 19.6 15.3 22.9



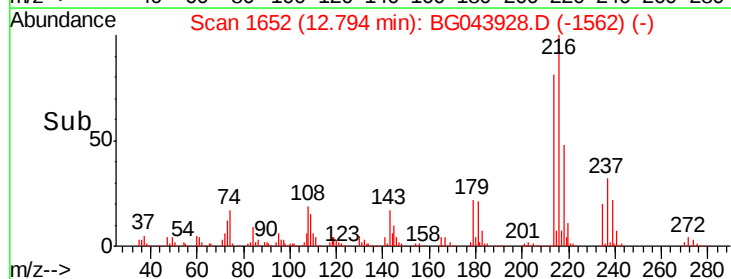
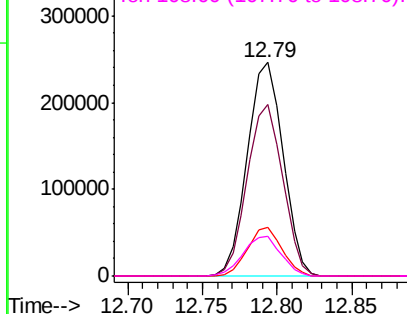
Abundance

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: 50.108 ng

RT: 12.78 min Scan# 1650

Delta R.T. -0.00 min

Lab File: BG043928.D

Acq: 6 Jan 2020 12:40

Instrument :

BNA_G

ClientSampleId :

PB125878BSD

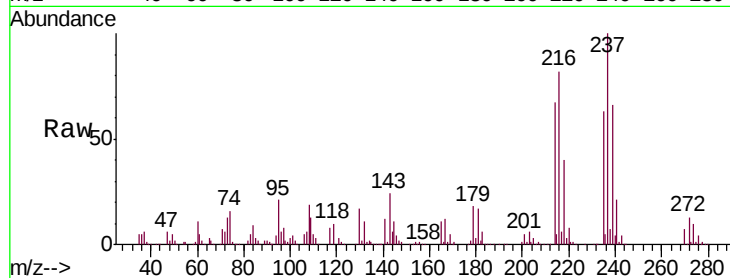
Tgt Ion: 237 Resp: 316678

Ion Ratio Lower Upper

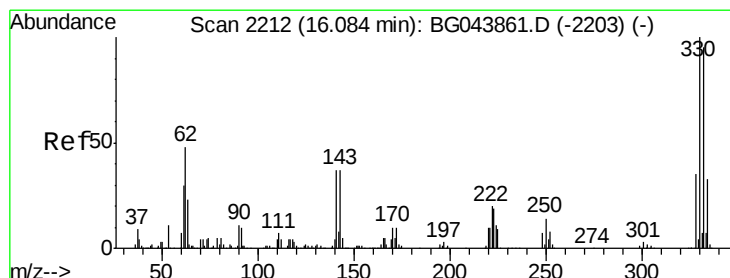
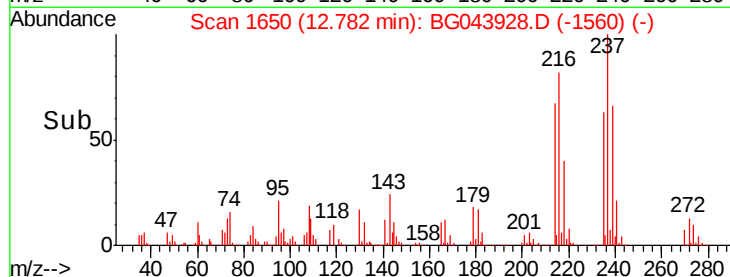
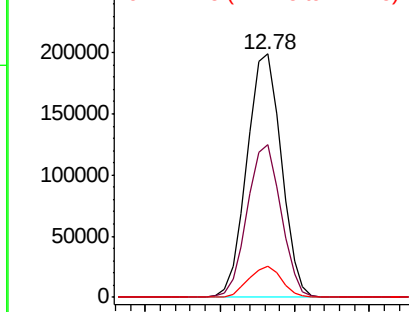
237 100

235 62.7 41.1 81.1

272 12.9 0.0 31.7



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: 105.664 ng

RT: 16.08 min Scan# 2212

Delta R.T. -0.00 min

Lab File: BG043928.D

Acq: 6 Jan 2020 12:40

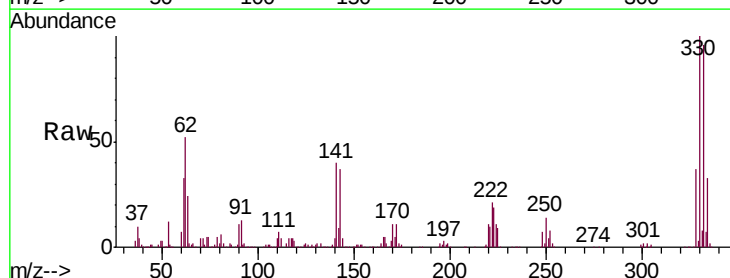
Tgt Ion: 330 Resp: 459889

Ion Ratio Lower Upper

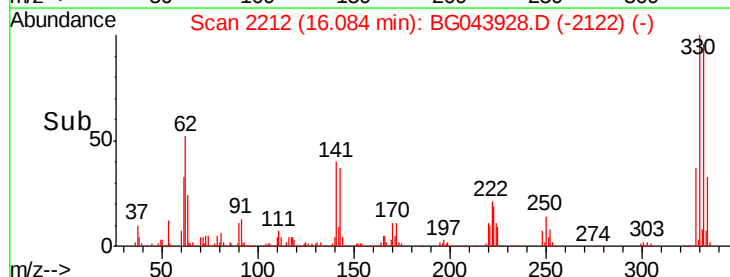
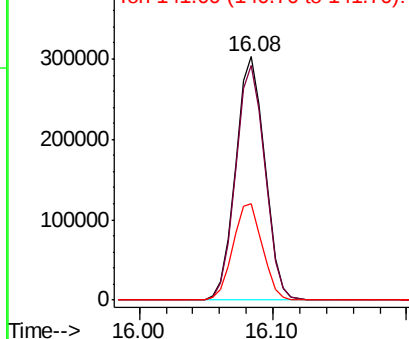
330 100

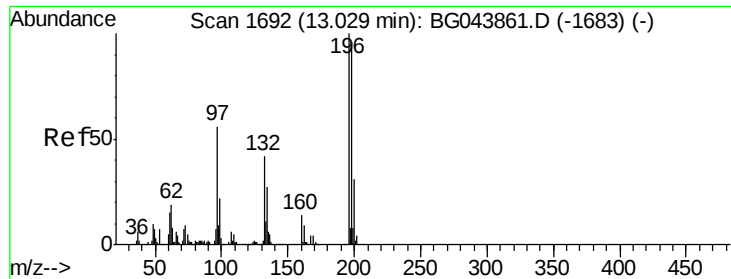
332 96.8 77.2 115.8

141 40.4 33.1 49.7



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

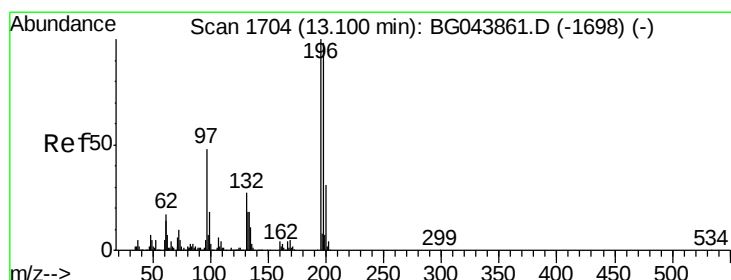
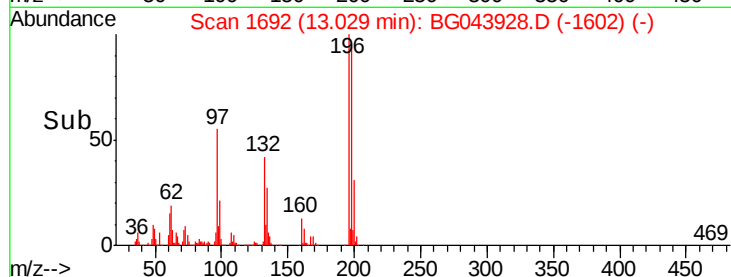
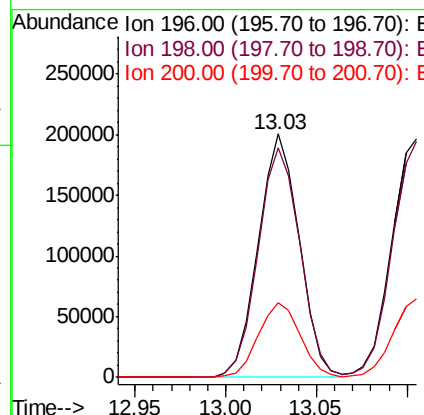
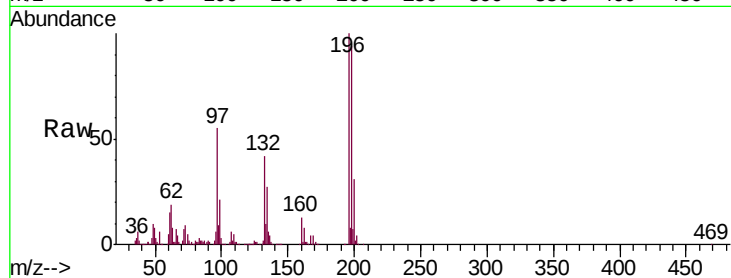




#43
 2,4,6-Trichlorophenol
 Concen: 37.467 ng
 RT: 13.03 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: BG043928.D
 Acq: 6 Jan 2020 12:40

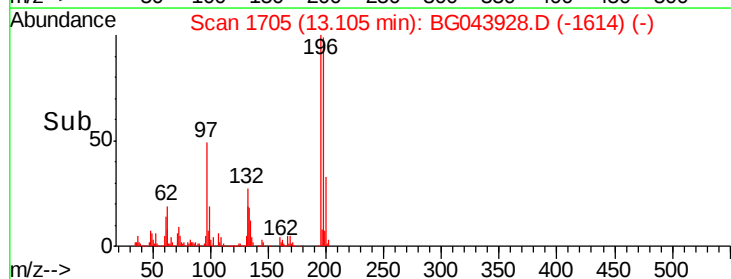
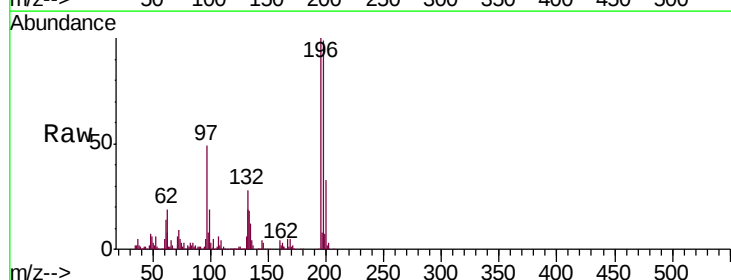
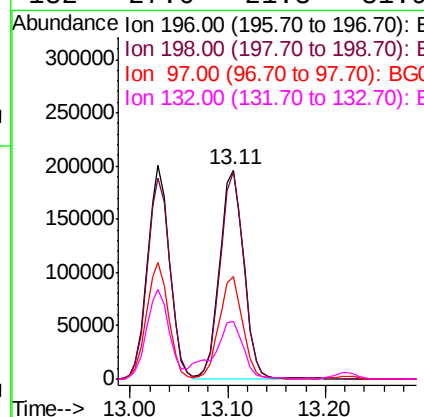
Instrument :
 BNA_G
 ClientSampleId :
 PB125878BSD

Tgt Ion:196 Resp: 314263
 Ion Ratio Lower Upper
 196 100
 198 94.2 76.6 115.0
 200 30.8 24.6 37.0



#44
 2,4,5-Trichlorophenol
 Concen: 38.823 ng
 RT: 13.11 min Scan# 1705
 Delta R.T. 0.01 min
 Lab File: BG043928.D
 Acq: 6 Jan 2020 12:40

Tgt Ion:196 Resp: 335858
 Ion Ratio Lower Upper
 196 100
 198 99.2 78.3 117.5
 97 49.1 38.8 58.2
 132 27.6 21.3 31.9

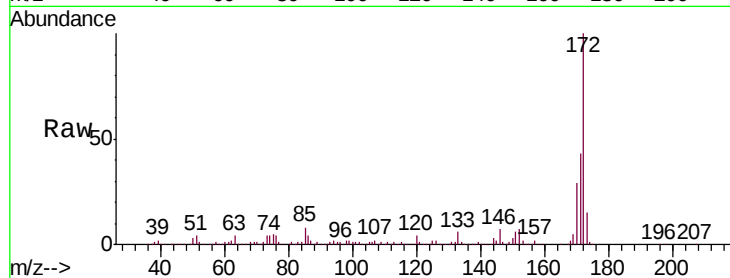




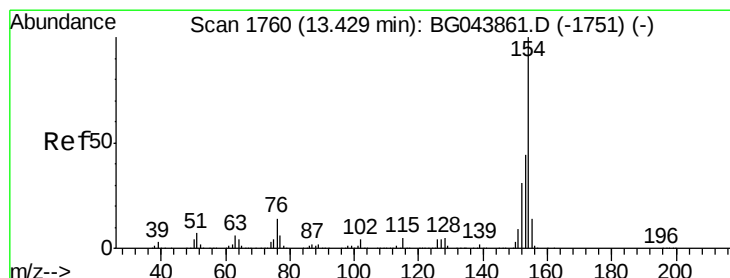
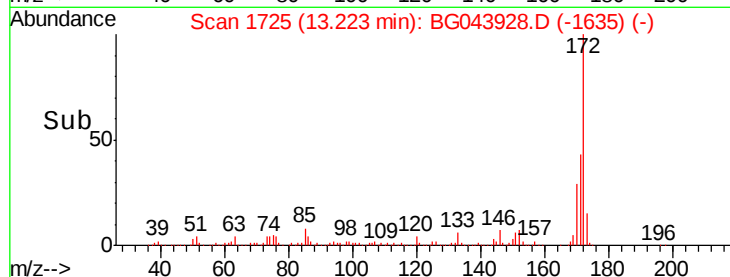
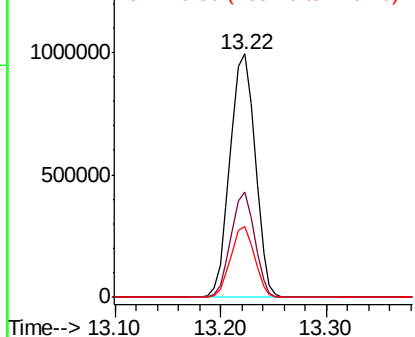
#45
 2-Fluorobiphenyl
 Concen: 71.248 ng
 RT: 13.22 min Scan# 1725
 Delta R.T. -0.00 min
 Lab File: BG043928.D
 Acq: 6 Jan 2020 12:40

Instrument :
 BNA_G
 ClientSampleId :
 PB125878BSD

Tgt Ion:172 Resp: 1635558
 Ion Ratio Lower Upper
 172 100
 171 43.3 35.8 53.8
 170 28.9 24.2 36.4

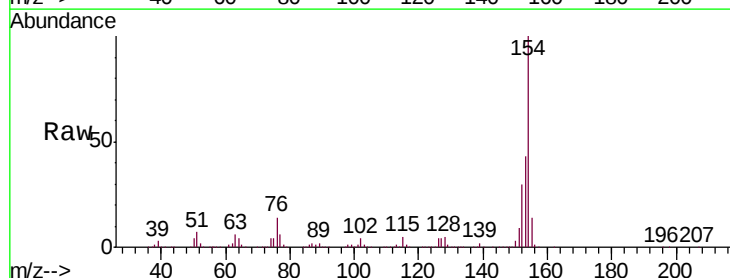


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

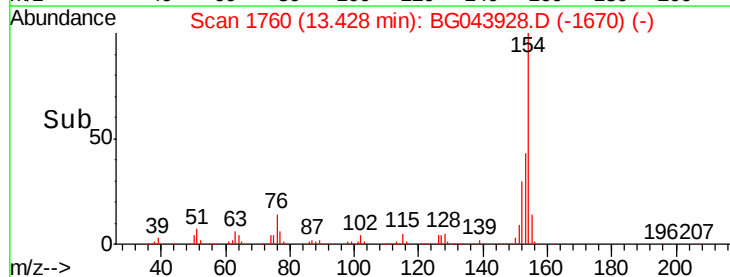
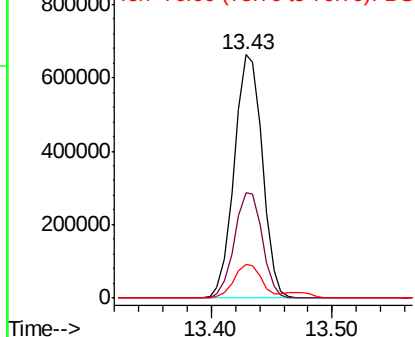


#46
 1,1'-Biphenyl
 Concen: 36.019 ng
 RT: 13.43 min Scan# 1760
 Delta R.T. -0.00 min
 Lab File: BG043928.D
 Acq: 6 Jan 2020 12:40

Tgt Ion:154 Resp: 1074082
 Ion Ratio Lower Upper
 154 100
 153 43.3 23.6 63.6
 76 13.8 0.0 34.4



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BG

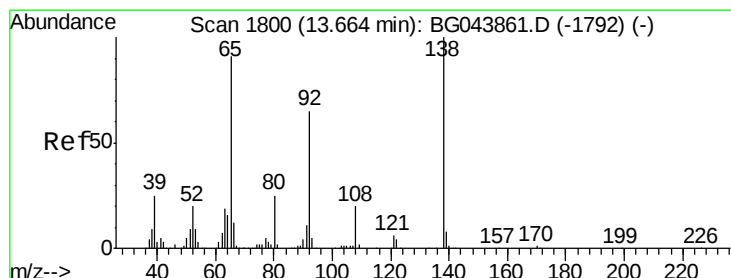
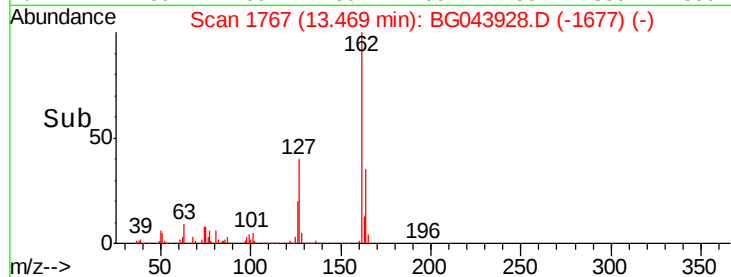
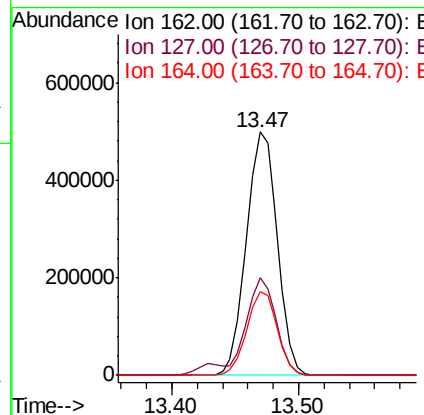
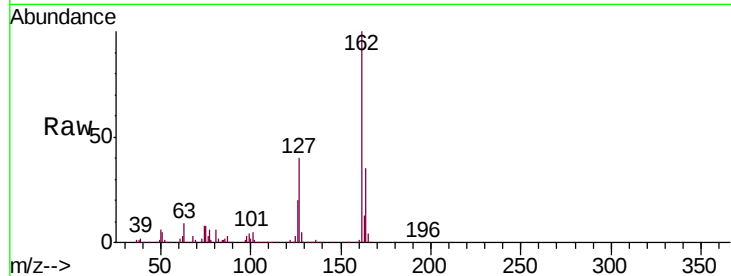




#47
2-Chloronaphthalene
Concen: 35.055 ng
RT: 13.47 min Scan# 1767
Delta R.T. -0.00 min
Lab File: BG043928.D
Acq: 6 Jan 2020 12:40

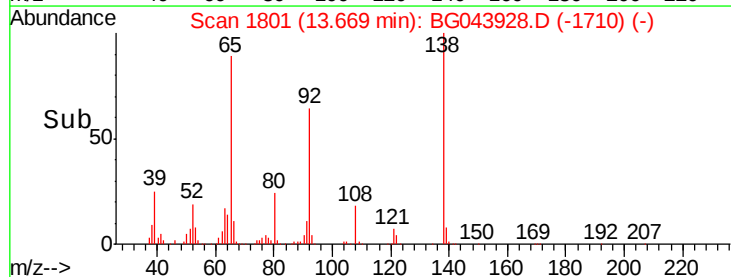
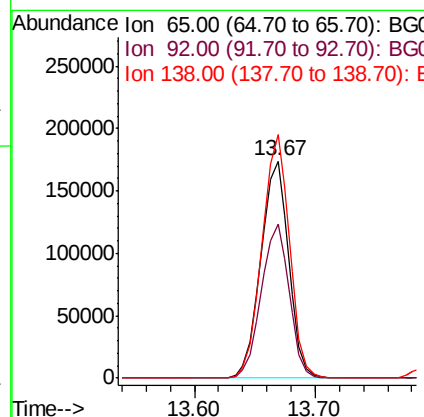
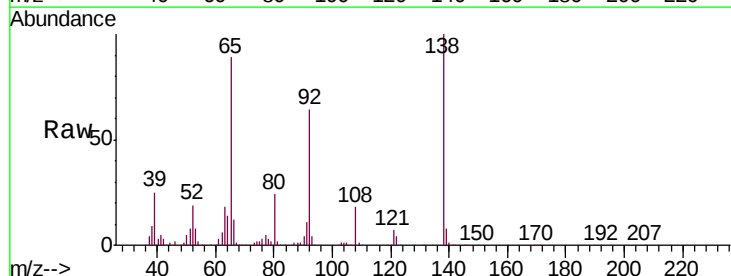
Instrument :
BNA_G
ClientSampleId :
PB125878BSD

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.0	32.1	48.1
164	34.5	27.5	41.3



#48
2-Nitroaniline
Concen: 36.164 ng
RT: 13.67 min Scan# 1801
Delta R.T. 0.01 min
Lab File: BG043928.D
Acq: 6 Jan 2020 12:40

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.1	57.4	86.2
138	112.0	88.2	132.4





#49

Acenaphthylene

Concen: 38.070 ng

RT: 14.32 min Scan# 1911

Delta R.T. -0.00 min

Lab File: BG043928.D

Acq: 6 Jan 2020 12:40

Instrument :

BNA_G

ClientSampleId :

PB125878BSD

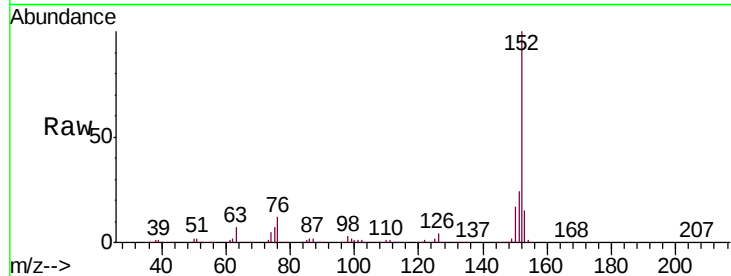
Tgt Ion:152 Resp: 1318490

Ion Ratio Lower Upper

152 100

151 23.7 19.4 29.2

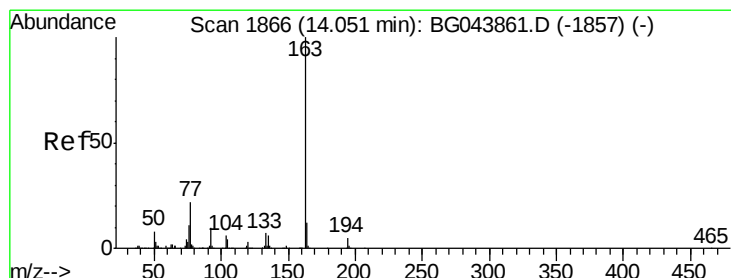
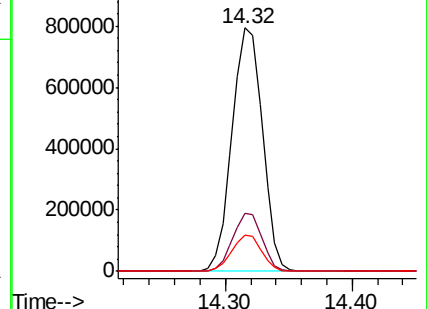
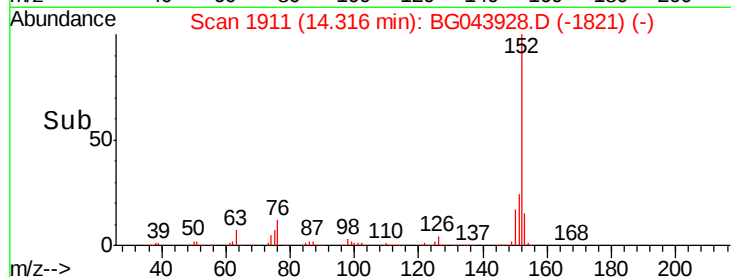
153 14.9 12.0 18.0



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: 36.947 ng

RT: 14.05 min Scan# 1866

Delta R.T. -0.00 min

Lab File: BG043928.D

Acq: 6 Jan 2020 12:40

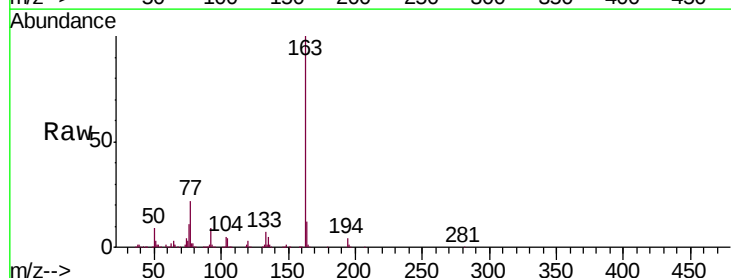
Tgt Ion:163 Resp: 1091090

Ion Ratio Lower Upper

163 100

194 4.2 3.7 5.5

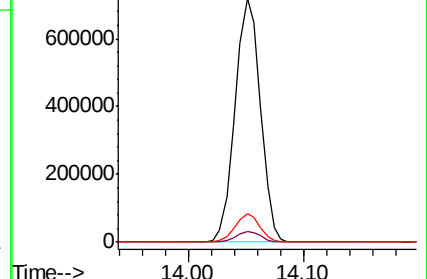
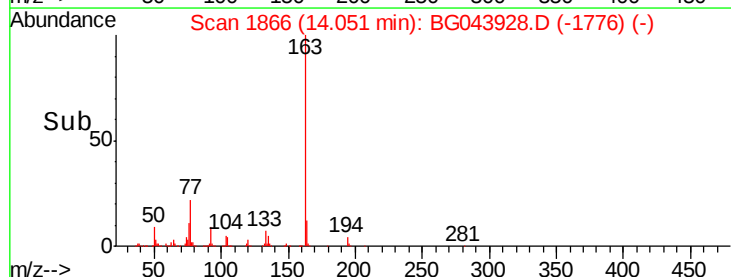
164 11.7 9.3 13.9



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

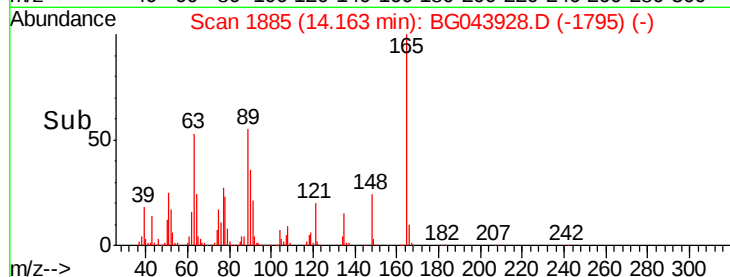
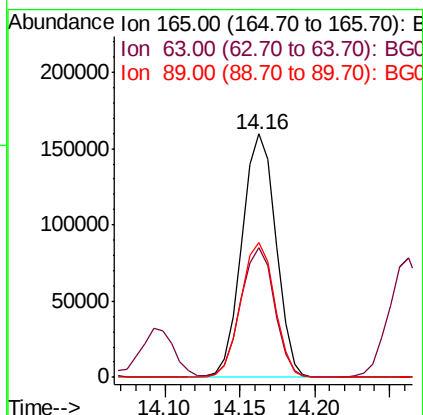
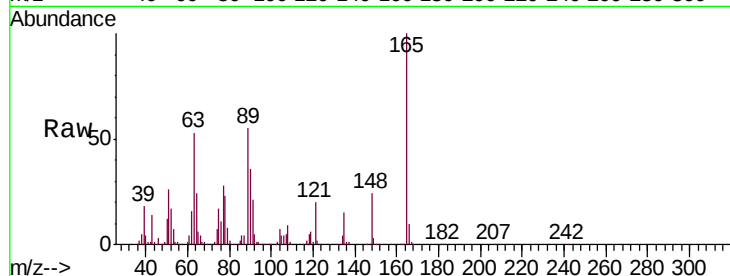




#51
2,6-Dinitrotoluene
Concen: 37.706 ng
RT: 14.16 min Scan# 1885
Delta R.T. -0.00 min
Lab File: BG043928.D
Acq: 6 Jan 2020 12:40

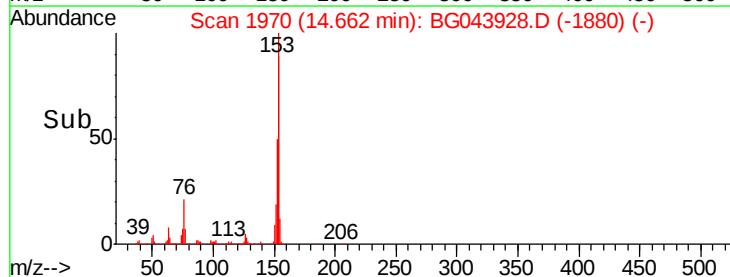
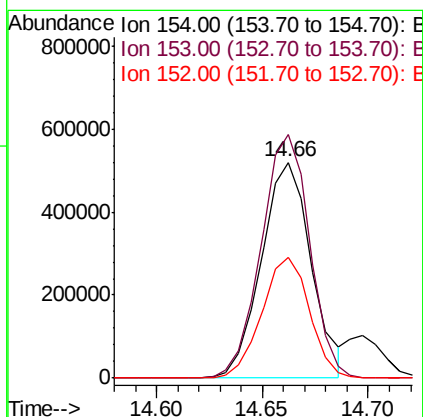
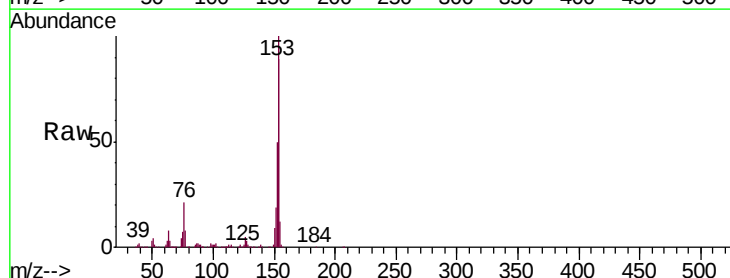
Instrument :
BNA_G
ClientSampleId :
PB125878BSD

Tgt Ion:165 Resp: 251673
Ion Ratio Lower Upper
165 100
63 53.3 43.1 64.7
89 55.5 43.8 65.6



#52
Acenaphthene
Concen: 35.146 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.00 min
Lab File: BG043928.D
Acq: 6 Jan 2020 12:40

Tgt Ion:154 Resp: 853624
Ion Ratio Lower Upper
154 100
153 112.9 91.6 137.4
152 56.2 45.4 68.0

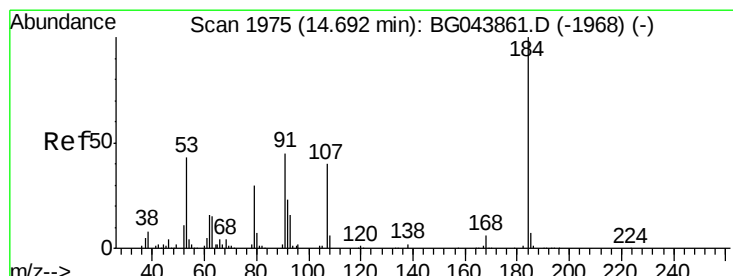
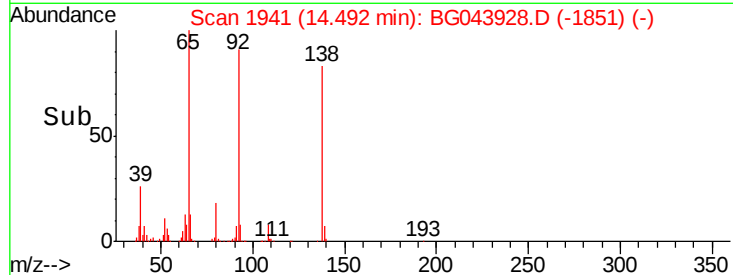
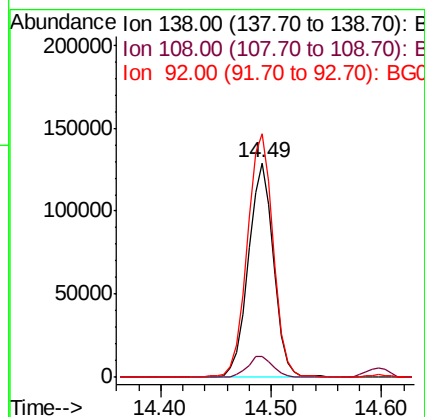
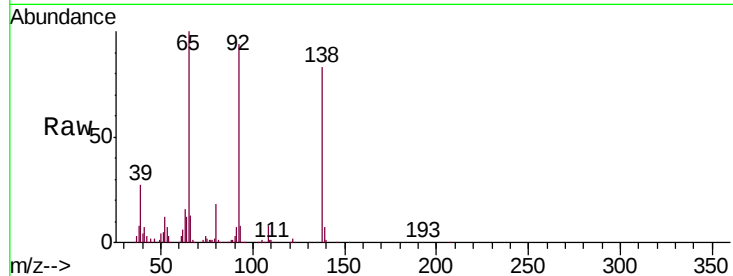




#53
3-Nitroaniline
Concen: 27.237 ng
RT: 14.49 min Scan# 1941
Delta R.T. -0.00 min
Lab File: BG043928.D
Acq: 6 Jan 2020 12:40

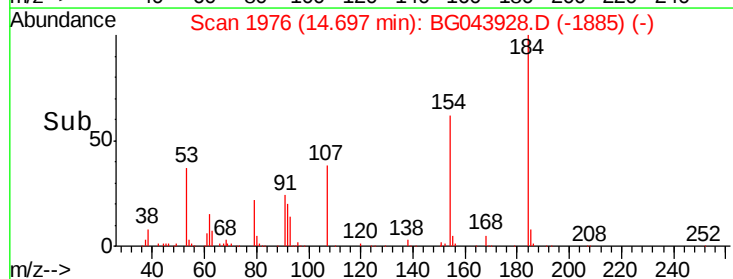
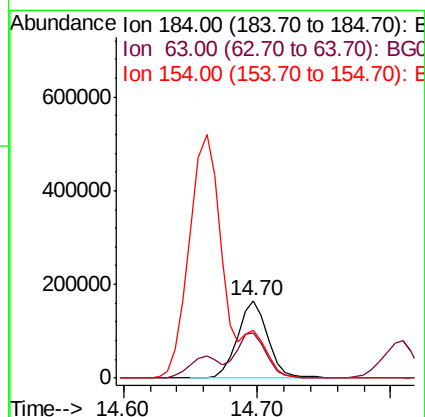
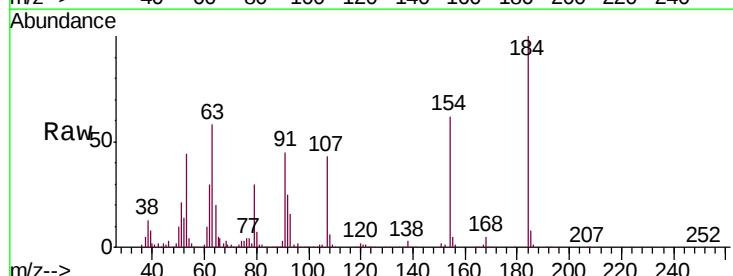
Instrument :
BNA_G
ClientSampleId :
PB125878BSD

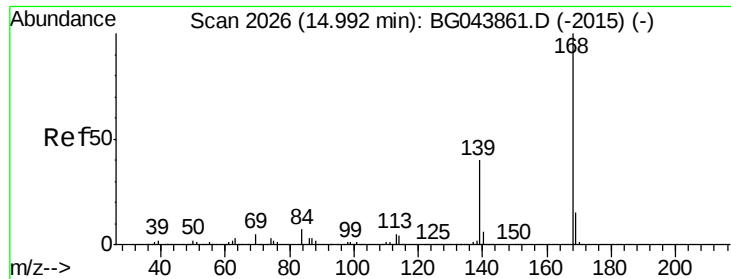
Tgt Ion:138 Resp: 206444
Ion Ratio Lower Upper
138 100
108 9.8 7.4 11.2
92 113.4 92.1 138.1



#54
2,4-Dinitrophenol
Concen: 76.493 ng
RT: 14.70 min Scan# 1976
Delta R.T. 0.01 min
Lab File: BG043928.D
Acq: 6 Jan 2020 12:40

Tgt Ion:184 Resp: 259232
Ion Ratio Lower Upper
184 100
63 58.0 46.6 70.0
154 62.3 50.2 75.4

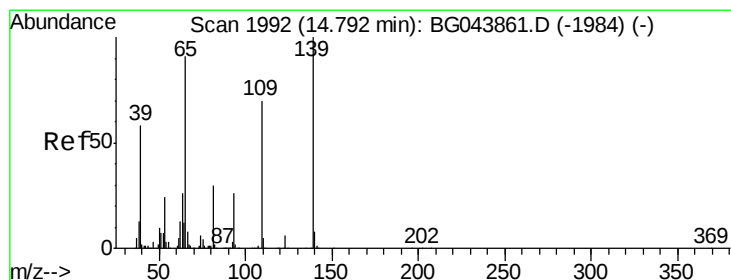
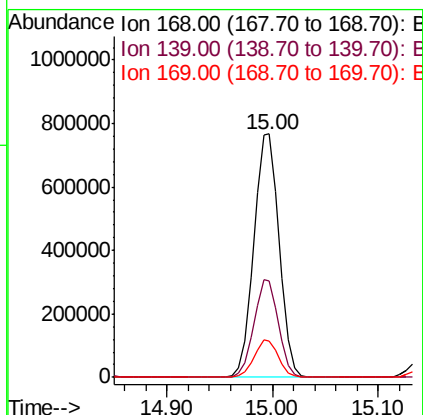
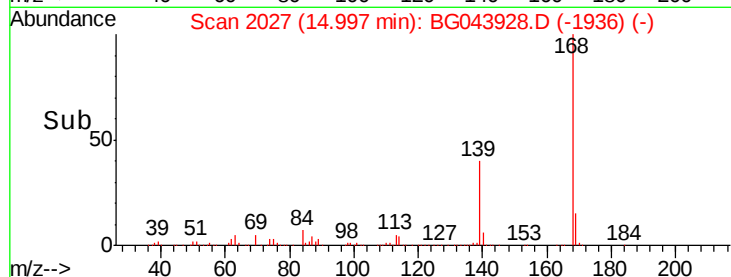
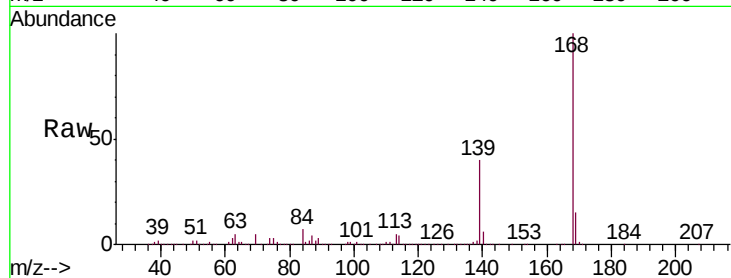




#55
Dibenzofuran
Concen: 38.339 ng
RT: 15.00 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BG043928.D
Acq: 6 Jan 2020 12:40

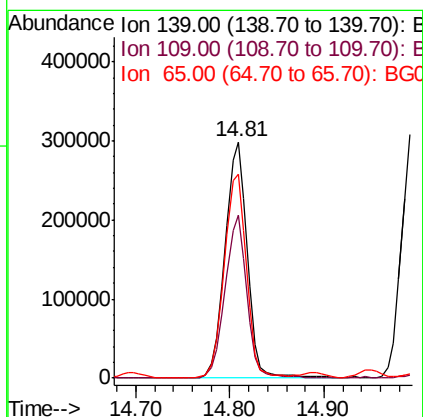
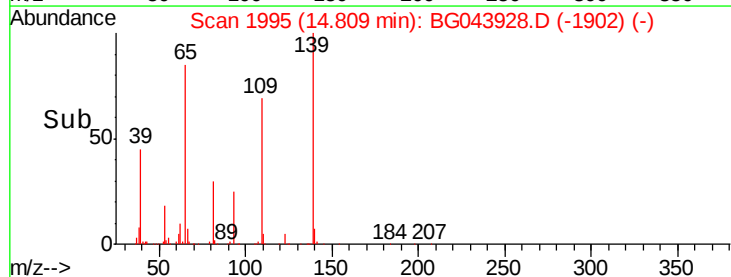
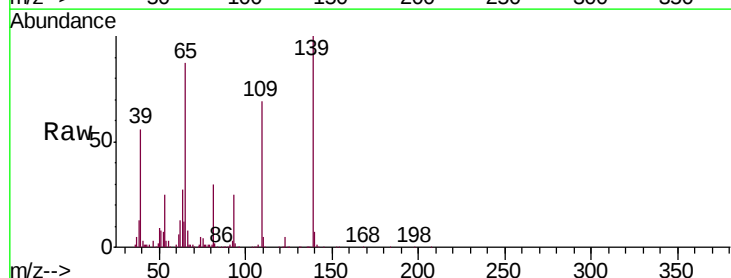
Instrument :
BNA_G
ClientSampleId :
PB125878BSD

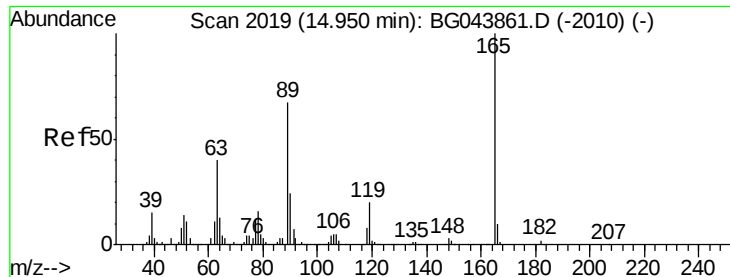
Tgt Ion:168 Resp: 1281871
Ion Ratio Lower Upper
168 100
139 39.7 32.2 48.2
169 14.9 12.2 18.2



#56
4-Nitrophenol
Concen: 84.582 ng
RT: 14.81 min Scan# 1995
Delta R.T. 0.02 min
Lab File: BG043928.D
Acq: 6 Jan 2020 12:40

Tgt Ion:139 Resp: 491278
Ion Ratio Lower Upper
139 100
109 69.1 50.4 90.4
65 86.6 71.4 111.4

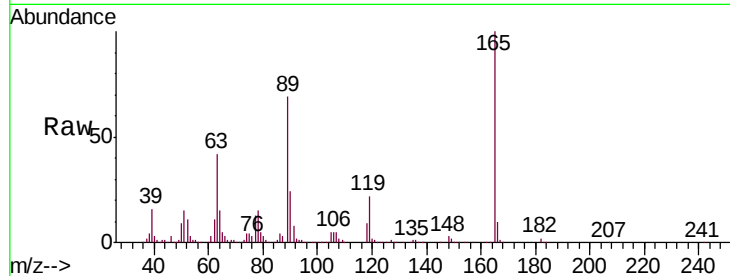




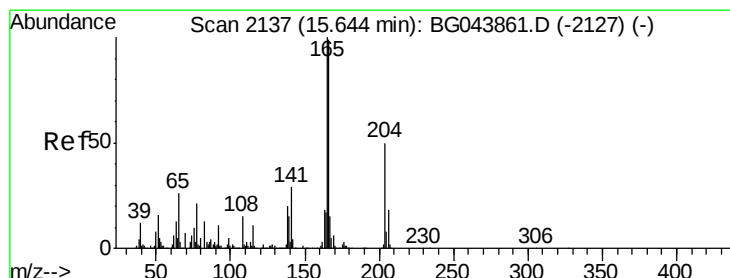
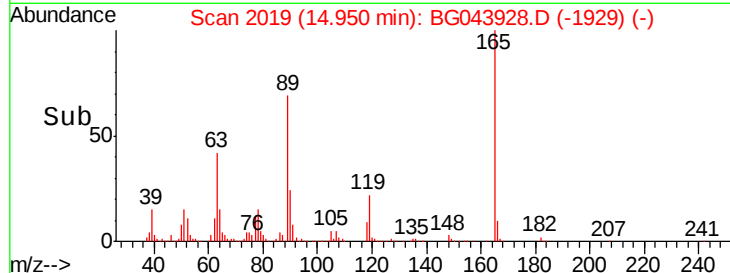
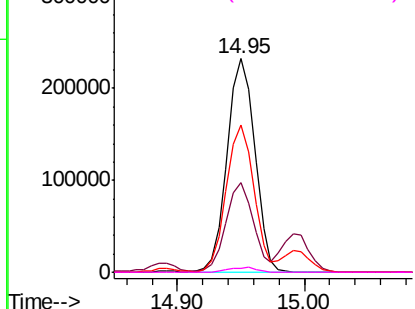
#57
 2,4-Dinitrotoluene
 Concen: 38.746 ng
 RT: 14.95 min Scan# 2019
 Delta R.T. -0.00 min
 Lab File: BG043928.D
 Acq: 6 Jan 2020 12:40

Instrument :
 BNA_G
 ClientSampleId :
 PB125878BSD

Tgt Ion:165 Resp: 351899
 Ion Ratio Lower Upper
 165 100
 63 41.7 31.9 47.9
 89 69.2 53.8 80.6
 182 2.0 2.0 3.0

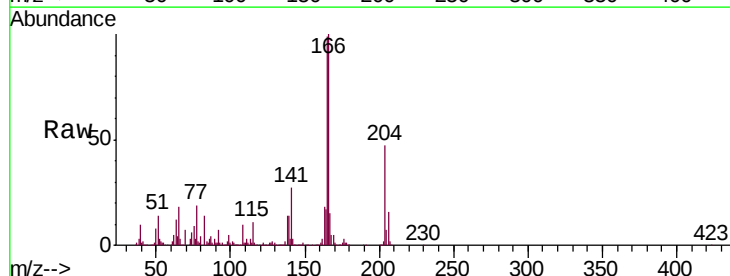


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

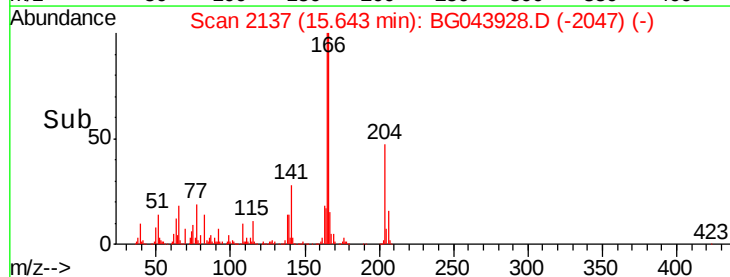
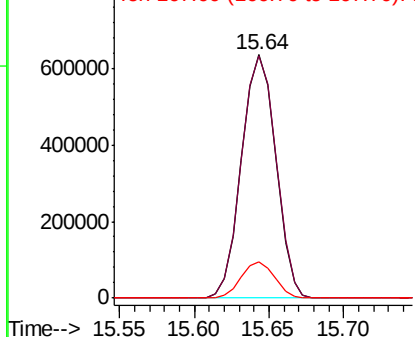


#58
 Fluorene
 Concen: 38.183 ng
 RT: 15.64 min Scan# 2137
 Delta R.T. -0.00 min
 Lab File: BG043928.D
 Acq: 6 Jan 2020 12:40

Tgt Ion:166 Resp: 1011882
 Ion Ratio Lower Upper
 166 100
 165 99.4 80.8 121.2
 167 15.1 12.1 18.1



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

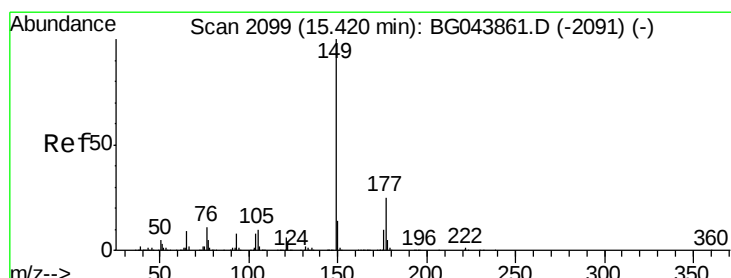
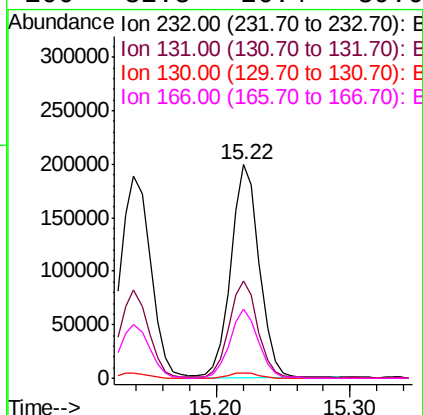
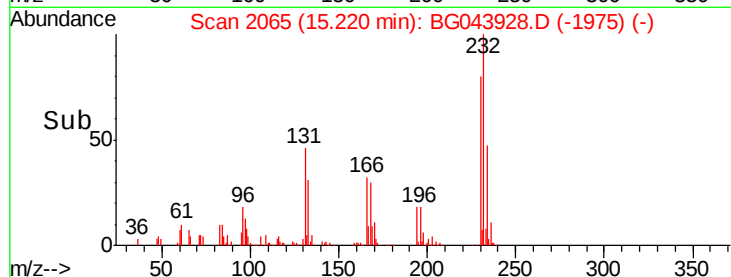
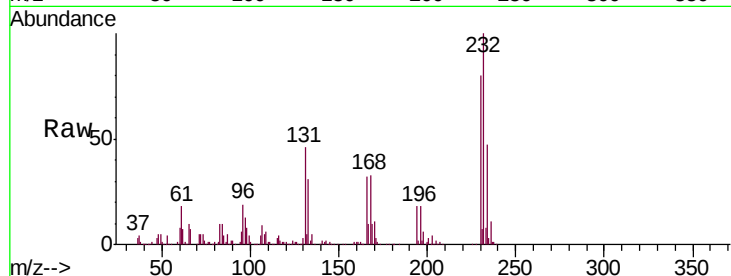




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.726 ng
 RT: 15.22 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: BG043928.D
 Acq: 6 Jan 2020 12:40

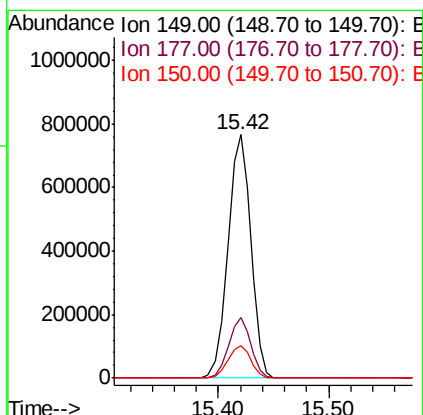
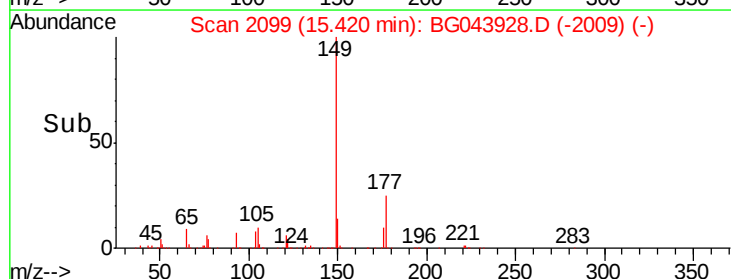
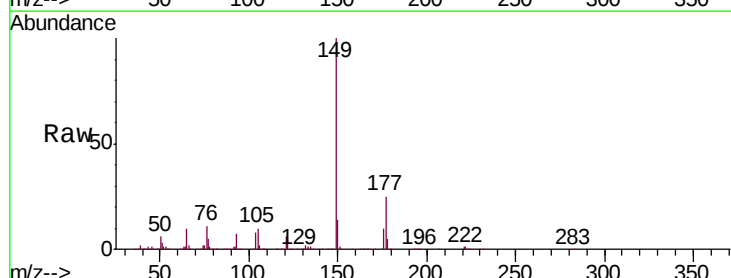
Instrument :
 BNA_G
 ClientSampleId :
 PB125878BSD

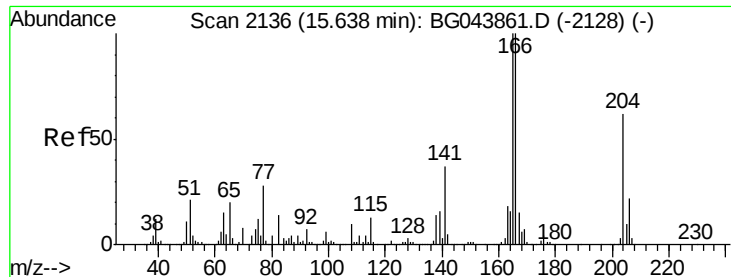
Tgt Ion:	232	Resp:	295522
Ion	Ratio	Lower	Upper
232	100		
131	46.0	38.2	57.2
130	2.5	2.2	3.2
166	32.8	26.4	39.6



#60
 Diethylphthalate
 Concen: 37.598 ng
 RT: 15.42 min Scan# 2099
 Delta R.T. -0.00 min
 Lab File: BG043928.D
 Acq: 6 Jan 2020 12:40

Tgt Ion:	149	Resp:	1110509
Ion	Ratio	Lower	Upper
149	100		
177	24.9	20.0	30.0
150	13.6	11.1	16.7

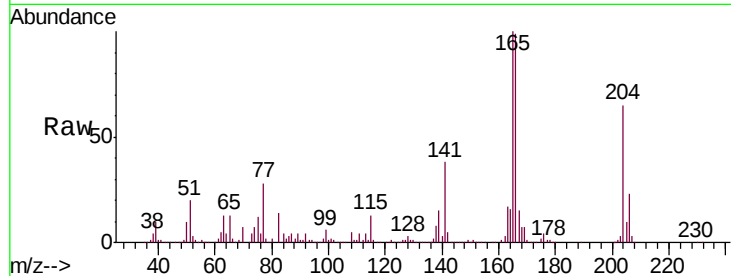




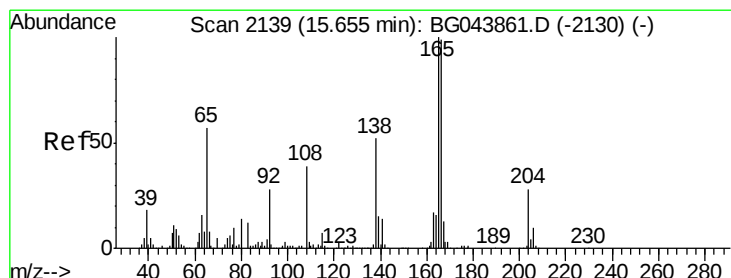
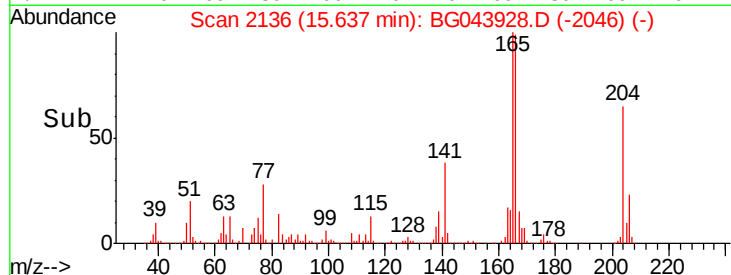
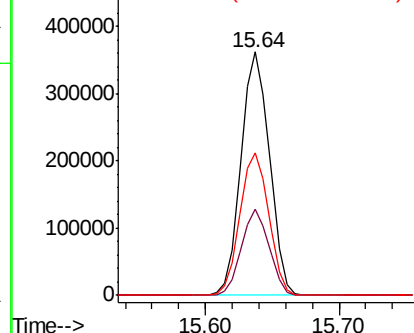
#61
 4-Chlorophenyl-phenylether
 Concen: 37.017 ng
 RT: 15.64 min Scan# 2136
 Delta R.T. -0.00 min
 Lab File: BG043928.D
 Acq: 6 Jan 2020 12:40

Instrument :
 BNA_G
 ClientSampleId :
 PB125878BSD

Tgt Ion:204 Resp: 532669
 Ion Ratio Lower Upper
 204 100
 206 35.2 28.2 42.2
 141 58.7 48.2 72.2

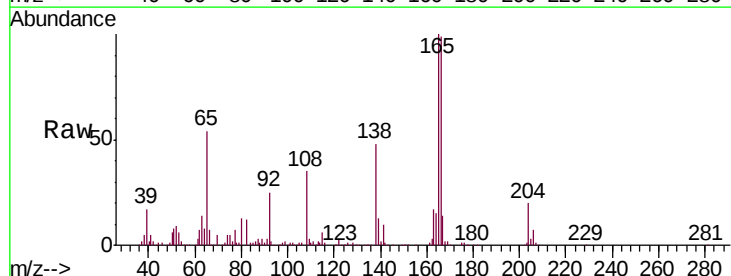


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

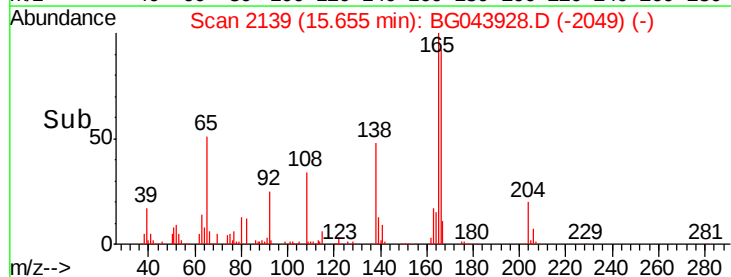
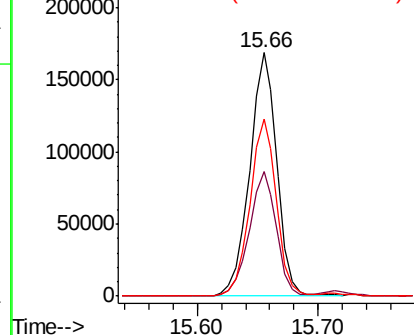


#62
 4-Nitroaniline
 Concen: 35.357 ng
 RT: 15.66 min Scan# 2139
 Delta R.T. -0.00 min
 Lab File: BG043928.D
 Acq: 6 Jan 2020 12:40

Tgt Ion:138 Resp: 264650
 Ion Ratio Lower Upper
 138 100
 92 51.3 34.3 74.3
 108 72.8 55.0 95.0



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: 38.368 ng

RT: 15.93 min Scan# 2186

Delta R.T. -0.00 min

Lab File: BG043928.D

Acq: 6 Jan 2020 12:40

Instrument :

BNA_G

ClientSampleId :

PB125878BSD

Tgt Ion: 77 Resp: 1050975

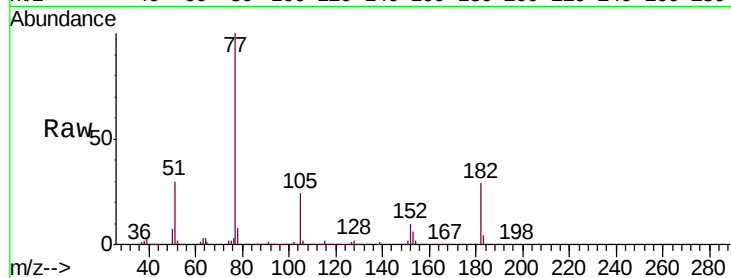
Ion Ratio Lower Upper

77 100

182 29.1 7.3 47.3

105 23.8 3.2 43.2

51 29.9 10.6 50.6

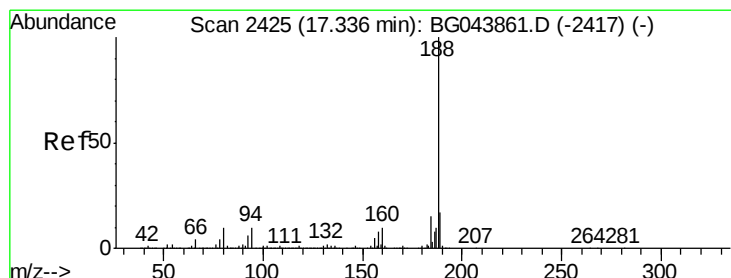
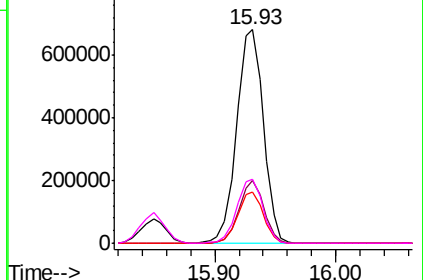
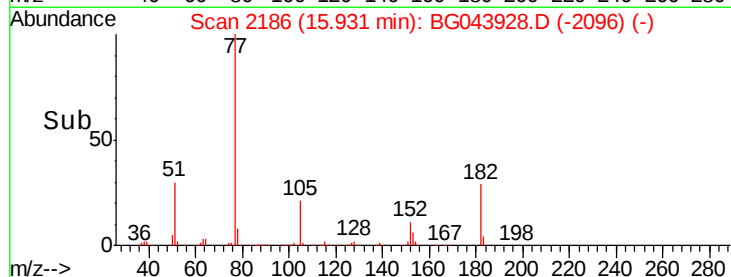


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.34 min Scan# 2425

Delta R.T. -0.00 min

Lab File: BG043928.D

Acq: 6 Jan 2020 12:40

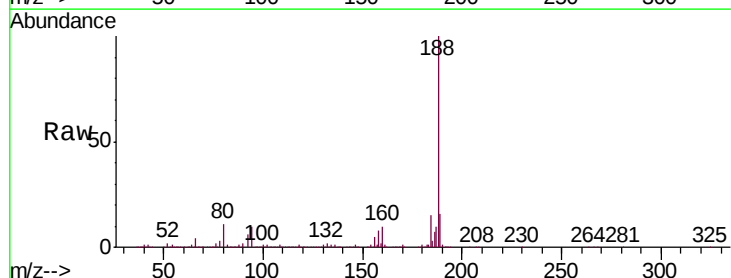
Tgt Ion: 188 Resp: 888918

Ion Ratio Lower Upper

188 100

94 9.8 7.9 11.9

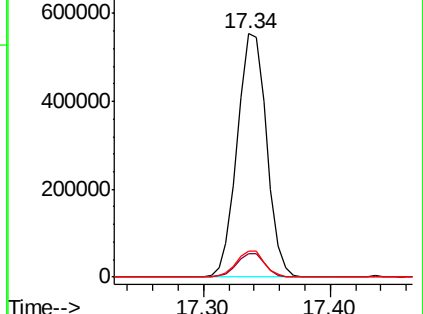
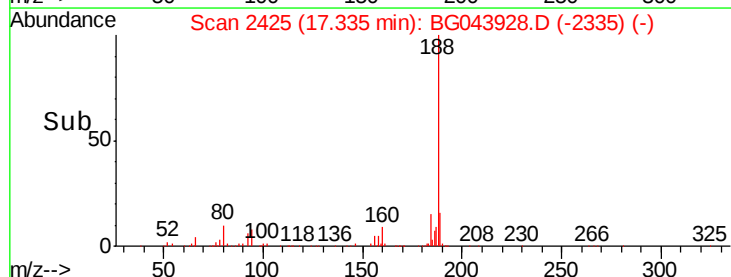
80 10.7 8.2 12.4

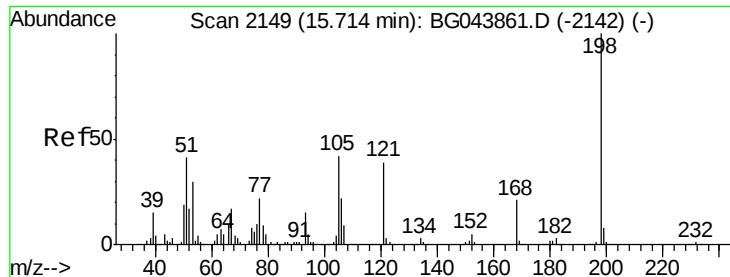


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

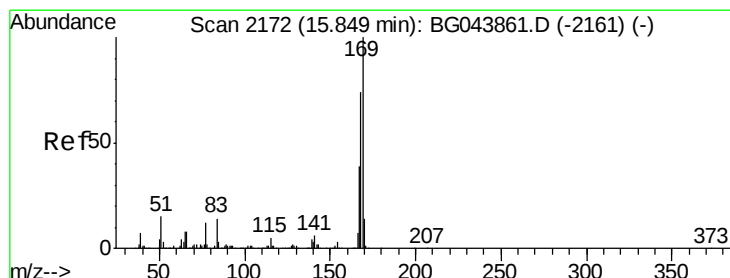
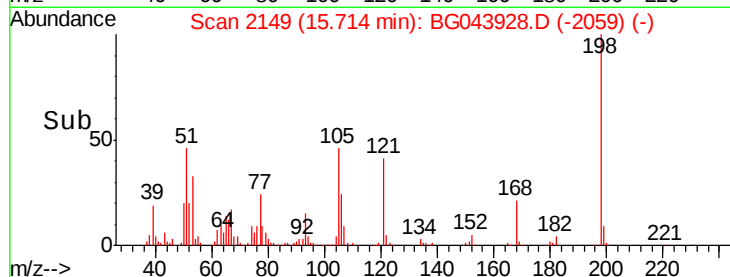
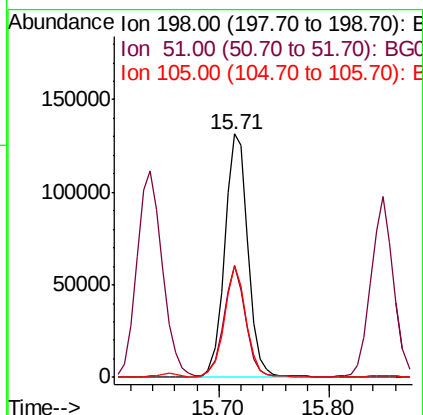
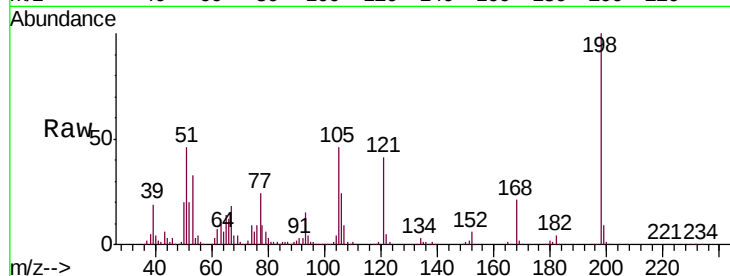




#65
 4,6-Dinitro-2-methylphenol
 Concen: 42.728 ng
 RT: 15.71 min Scan# 2149
 Delta R.T. -0.00 min
 Lab File: BG043928.D
 Acq: 6 Jan 2020 12:40

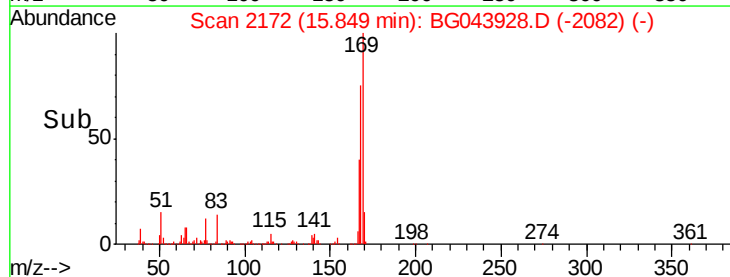
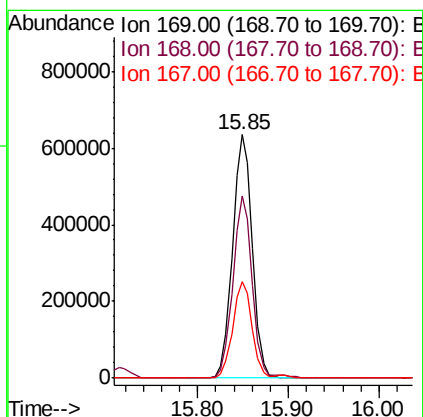
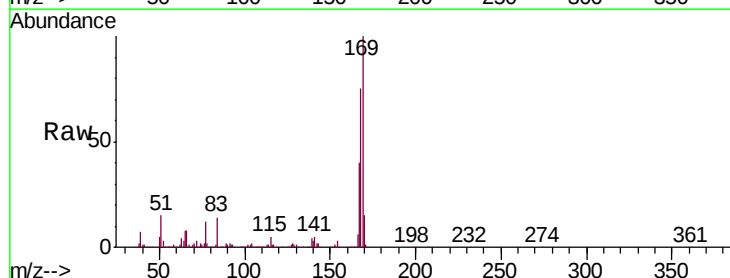
Instrument :
 BNA_G
 ClientSampleId :
 PB125878BSD

Tgt Ion:198 Resp: 193263
 Ion Ratio Lower Upper
 198 100
 51 46.0 22.5 62.5
 105 45.8 22.3 62.3



#66
 n-Nitrosodiphenylamine
 Concen: 36.618 ng
 RT: 15.85 min Scan# 2172
 Delta R.T. -0.00 min
 Lab File: BG043928.D
 Acq: 6 Jan 2020 12:40

Tgt Ion:169 Resp: 958562
 Ion Ratio Lower Upper
 169 100
 168 74.8 59.0 88.6
 167 39.6 31.4 47.0

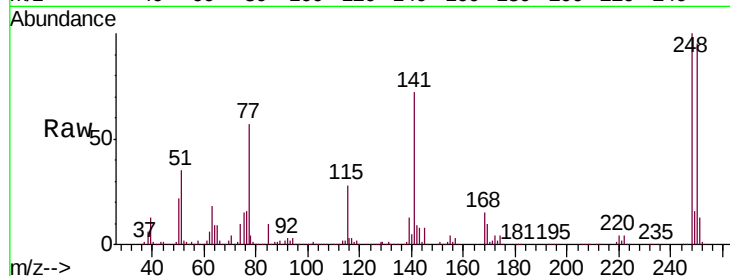




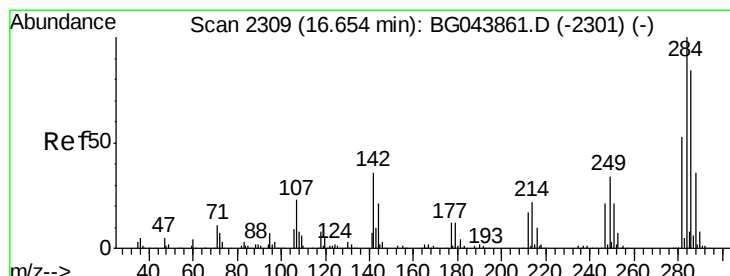
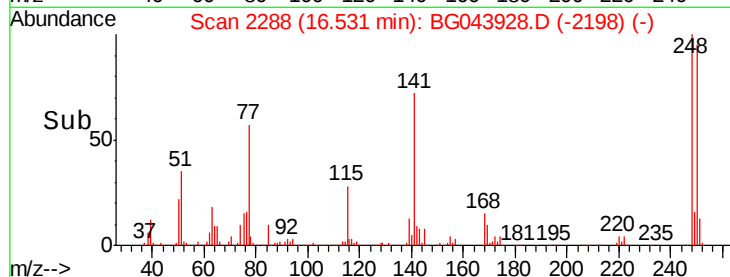
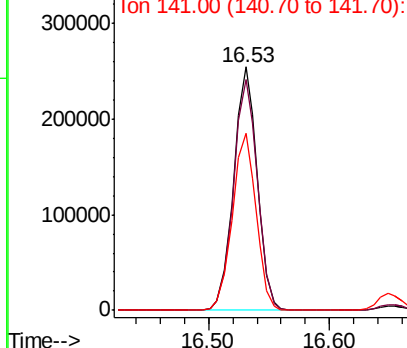
#67
 4-Bromophenyl-phenylether
 Concen: 34.440 ng
 RT: 16.53 min Scan# 2288
 Delta R.T. -0.00 min
 Lab File: BG043928.D
 Acq: 6 Jan 2020 12:40

Instrument :
 BNA_G
 ClientSampleId :
 PB125878BSD

Tgt Ion:248 Resp: 344319
 Ion Ratio Lower Upper
 248 100
 250 95.0 78.2 117.2
 141 72.5 59.3 88.9

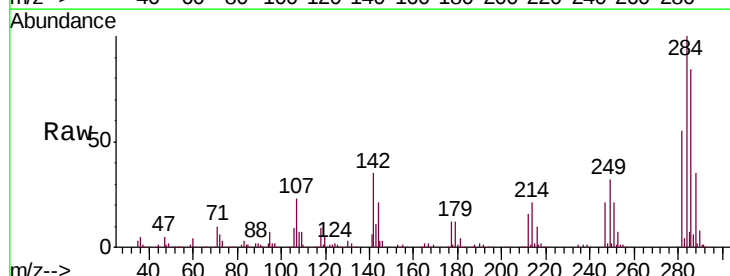


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

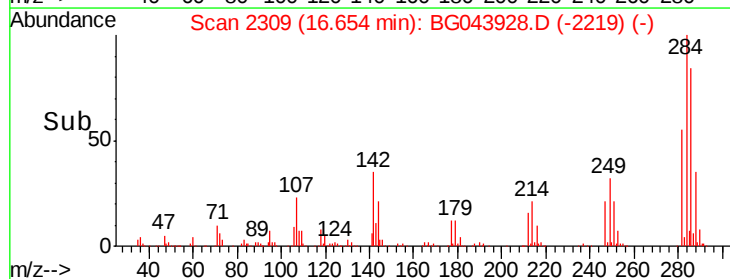
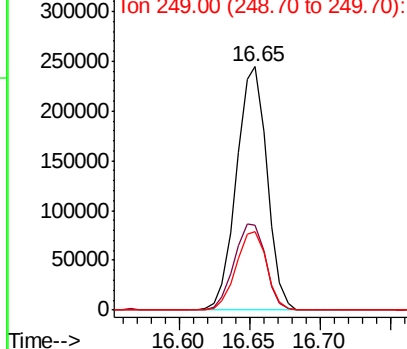


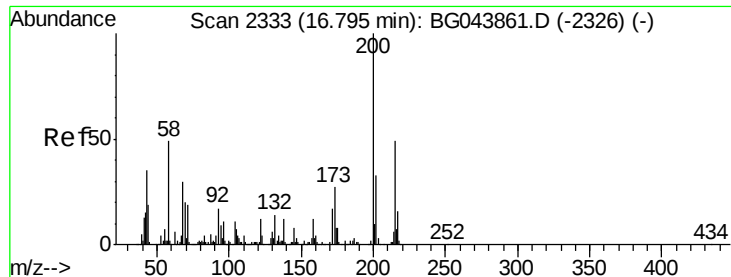
#68
 Hexachlorobenzene
 Concen: 34.178 ng
 RT: 16.65 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: BG043928.D
 Acq: 6 Jan 2020 12:40

Tgt Ion:284 Resp: 368189
 Ion Ratio Lower Upper
 284 100
 142 35.1 28.6 43.0
 249 32.5 27.0 40.6



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 37.705 ng

RT: 16.80 min Scan# 2334

Delta R.T. 0.01 min

Lab File: BG043928.D

Acq: 6 Jan 2020 12:40

Instrument :

BNA_G

ClientSampleId :

PB125878BSD

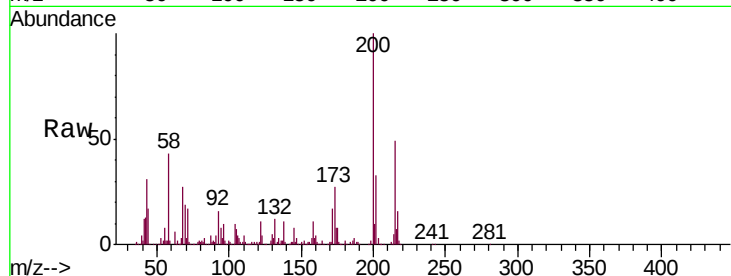
Tgt Ion:200 Resp: 320833

Ion Ratio Lower Upper

200 100

173 27.3 6.6 46.6

215 48.8 28.6 68.6

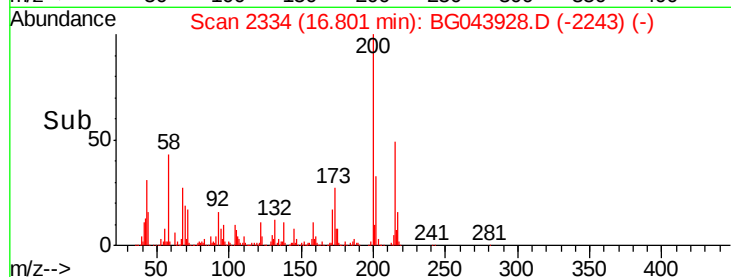


Abundance Ion 200.00 (199.70 to 200.70): E

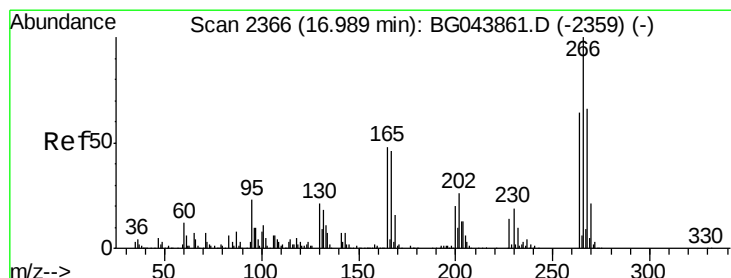
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

16.80



Time-->



#70

Pentachlorophenol

Concen: 73.598 ng

RT: 16.99 min Scan# 2366

Delta R.T. -0.00 min

Lab File: BG043928.D

Acq: 6 Jan 2020 12:40

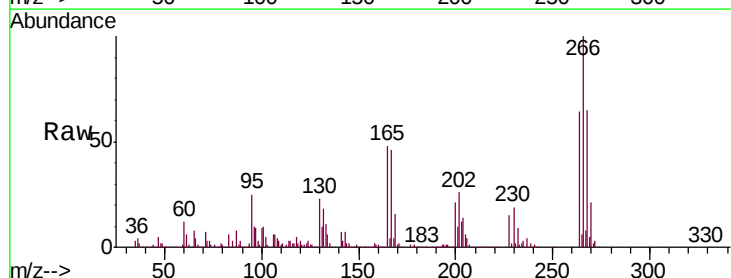
Tgt Ion:266 Resp: 437060

Ion Ratio Lower Upper

266 100

268 65.3 52.6 79.0

264 64.1 50.8 76.2

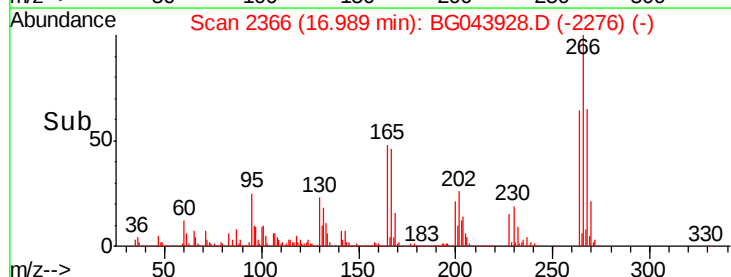


Abundance Ion 265.70 (265.40 to 266.40): E

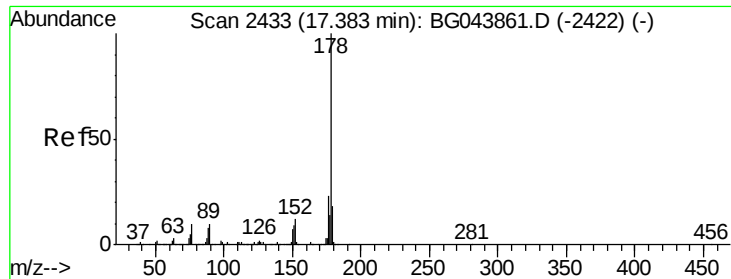
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

16.99



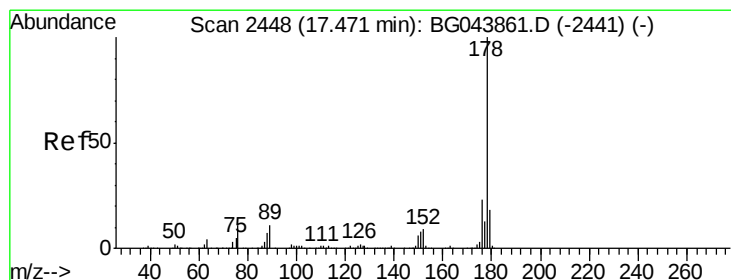
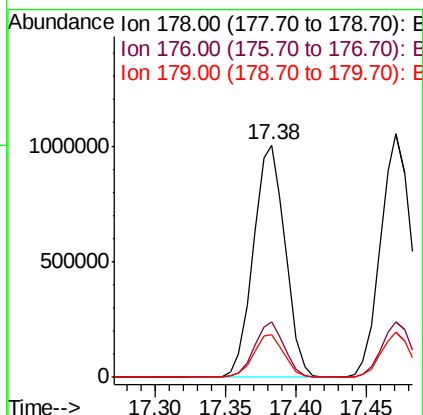
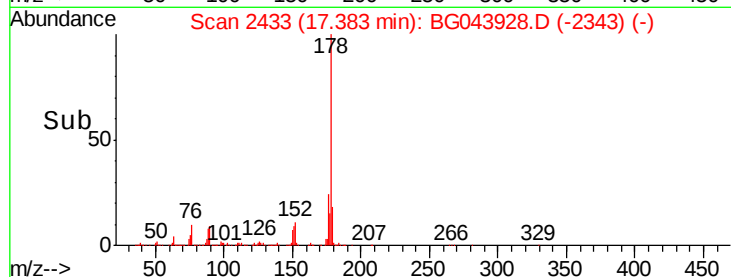
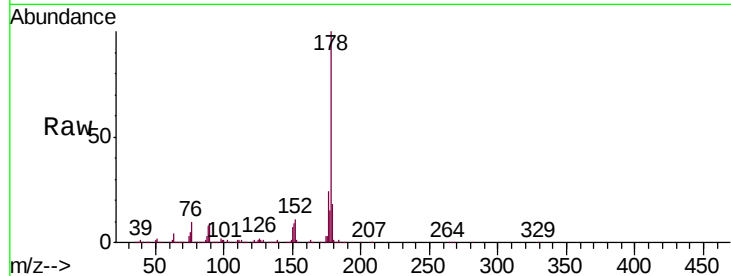
Time-->



#71
Phenanthrene
Concen: 37.279 ng
RT: 17.38 min Scan# 2433
Delta R.T. -0.00 min
Lab File: BG043928.D
Acq: 6 Jan 2020 12:40

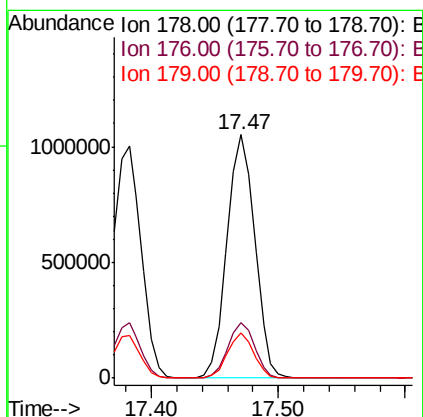
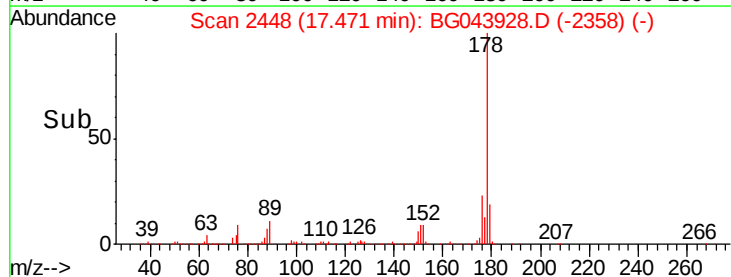
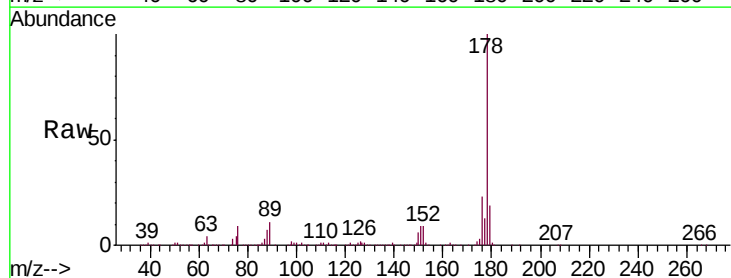
Instrument :
BNA_G
ClientSampleId :
PB125878BSD

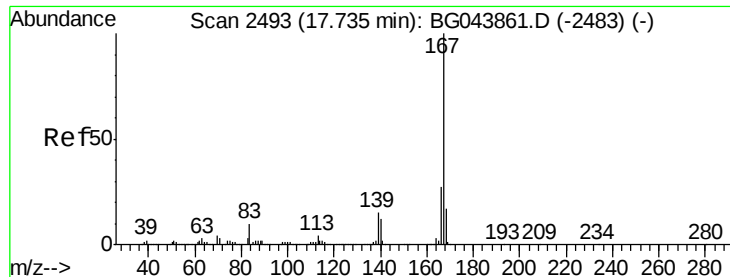
Tgt Ion:178 Resp: 1589454
Ion Ratio Lower Upper
178 100
176 24.1 18.6 28.0
179 18.2 14.4 21.6



#72
Anthracene
Concen: 37.846 ng
RT: 17.47 min Scan# 2448
Delta R.T. -0.00 min
Lab File: BG043928.D
Acq: 6 Jan 2020 12:40

Tgt Ion:178 Resp: 1594729
Ion Ratio Lower Upper
178 100
176 22.9 18.3 27.5
179 18.6 14.6 22.0





#73

Carbazole

Concen: 38.488 ng

RT: 17.74 min Scan# 2493

Delta R.T. -0.00 min

Lab File: BG043928.D

Acq: 6 Jan 2020 12:40

Instrument :

BNA_G

ClientSampleId :

PB125878BSD

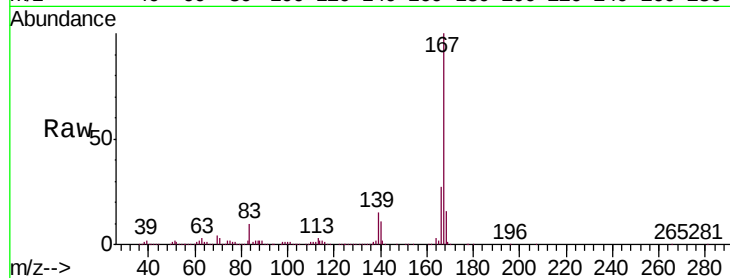
Tgt Ion:167 Resp: 1498068

Ion Ratio Lower Upper

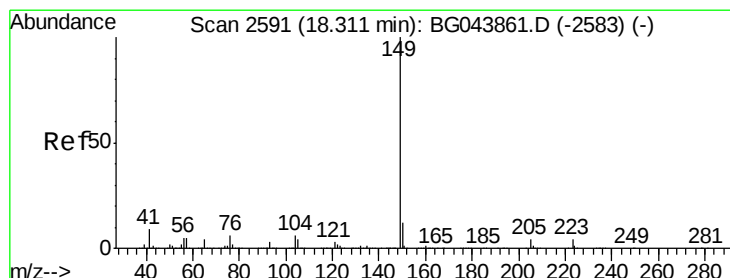
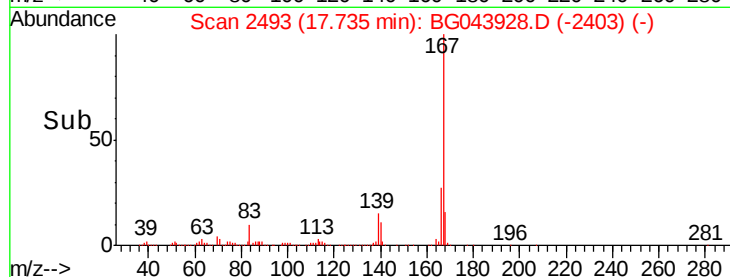
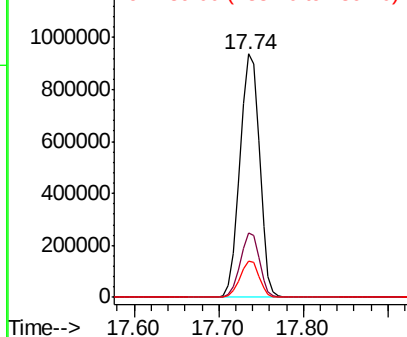
167 100

166 26.5 21.6 32.4

139 15.1 12.1 18.1



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: 36.166 ng

RT: 18.30 min Scan# 2590

Delta R.T. -0.01 min

Lab File: BG043928.D

Acq: 6 Jan 2020 12:40

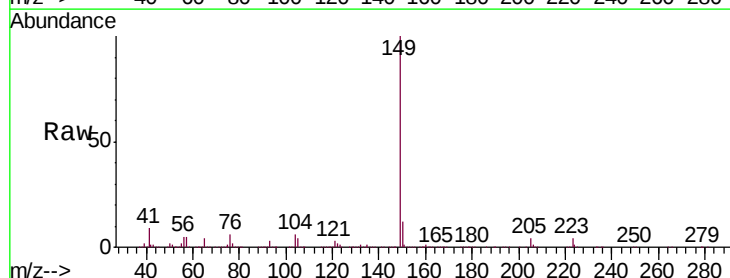
Tgt Ion:149 Resp: 1797301

Ion Ratio Lower Upper

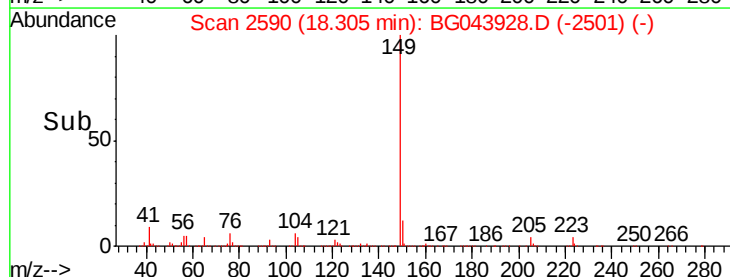
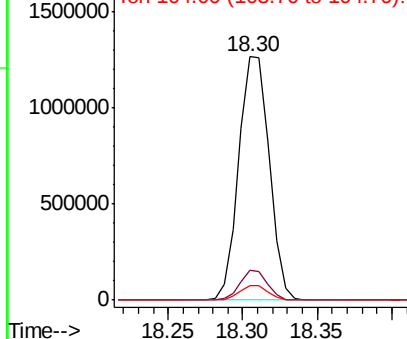
149 100

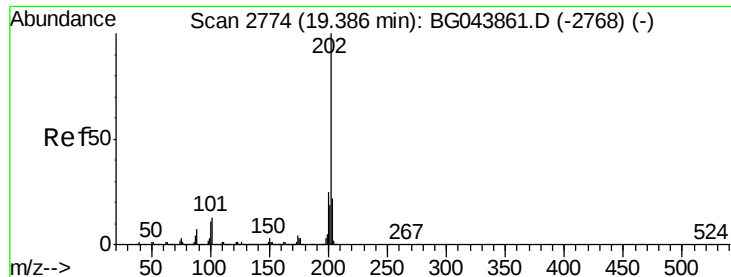
150 12.0 9.7 14.5

104 6.2 5.0 7.4



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: 36.659 ng

RT: 19.39 min Scan# 2774

Delta R.T. -0.00 min

Lab File: BG043928.D

Acq: 6 Jan 2020 12:40

Instrument :

BNA_G

ClientSampleId :

PB125878BSD

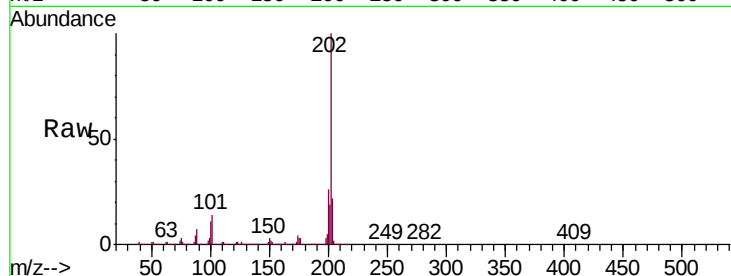
Tgt Ion:202 Resp: 1787541

Ion Ratio Lower Upper

202 100

101 13.8 0.0 33.3

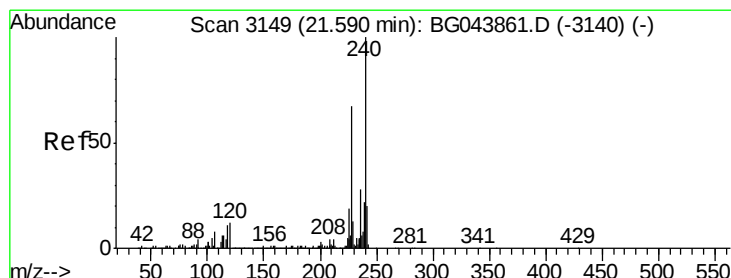
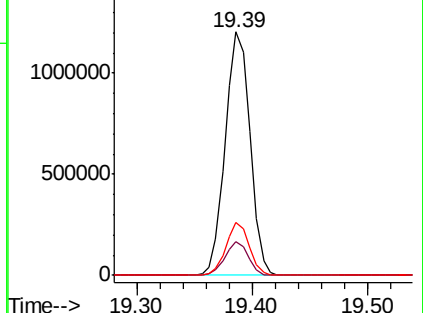
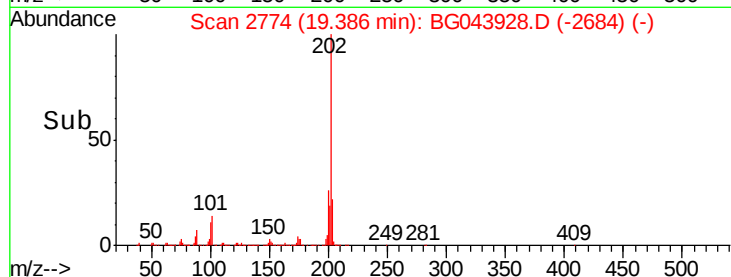
203 22.0 1.6 41.6



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: 21.59 min Scan# 3149

Delta R.T. -0.00 min

Lab File: BG043928.D

Acq: 6 Jan 2020 12:40

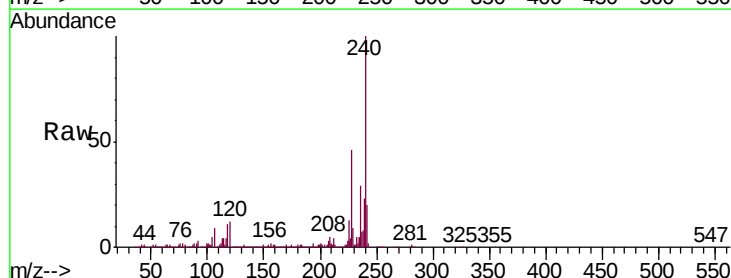
Tgt Ion:240 Resp: 759700

Ion Ratio Lower Upper

240 100

120 11.7 9.6 14.4

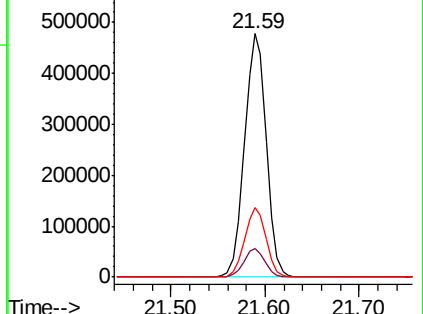
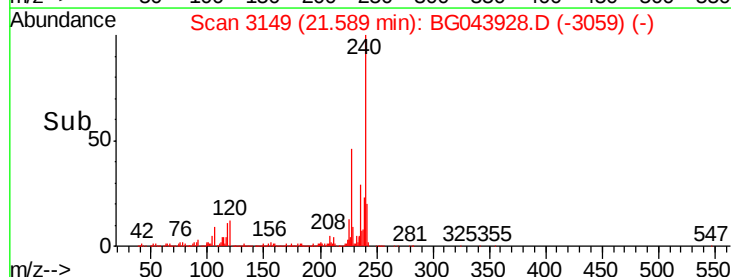
236 28.7 22.2 33.2

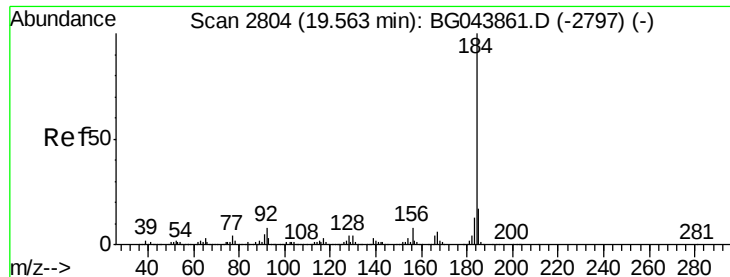


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 16.125 ng

RT: 19.56 min Scan# 2804

Delta R.T. -0.00 min

Lab File: BG043928.D

Acq: 6 Jan 2020 12:40

Instrument :

BNA_G

ClientSampleId :

PB125878BSD

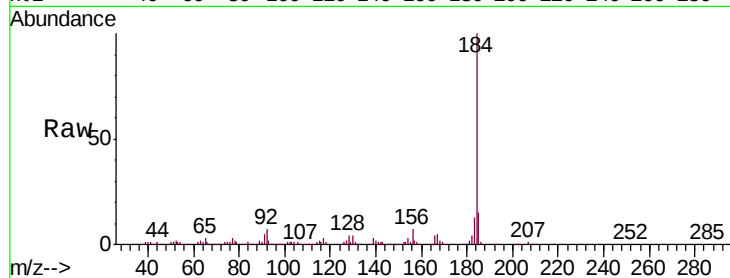
Tgt Ion:184 Resp: 307925

Ion Ratio Lower Upper

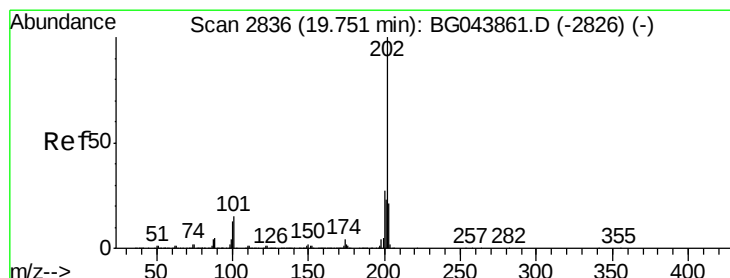
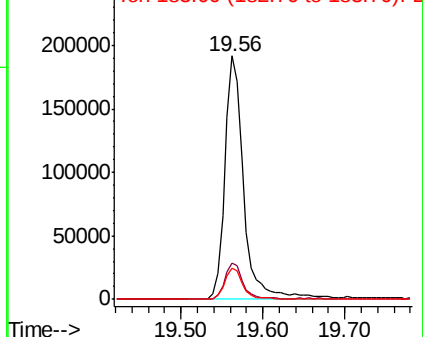
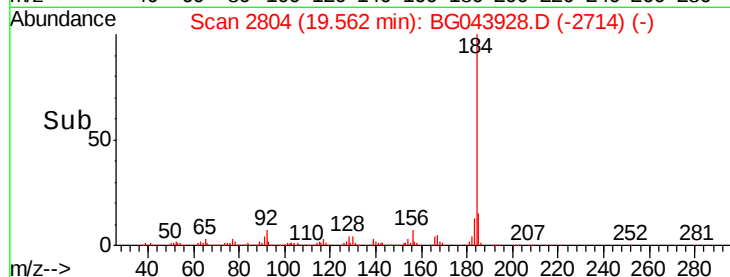
184 100

185 15.1 13.4 20.0

183 12.8 10.6 15.8



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: 36.620 ng

RT: 19.75 min Scan# 2836

Delta R.T. -0.00 min

Lab File: BG043928.D

Acq: 6 Jan 2020 12:40

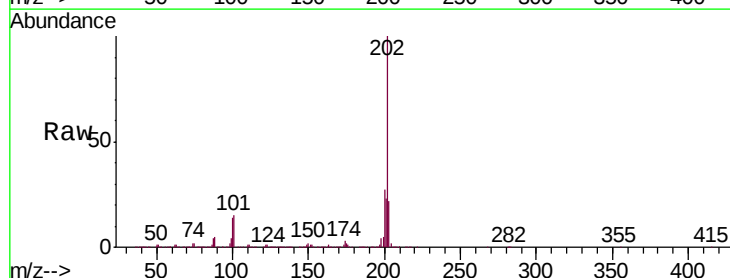
Tgt Ion:202 Resp: 1815937

Ion Ratio Lower Upper

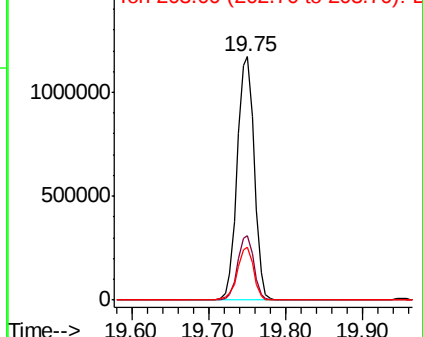
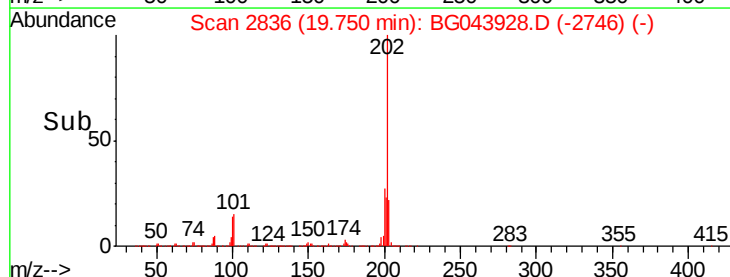
202 100

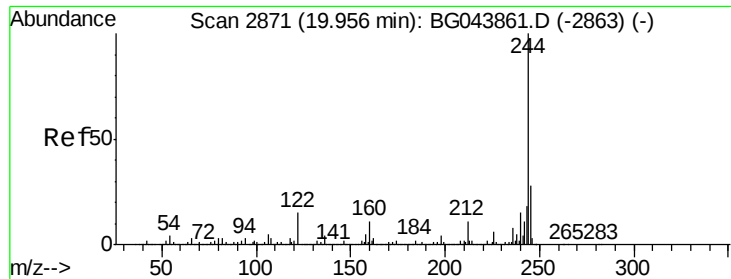
200 26.7 21.7 32.5

203 21.8 17.0 25.6



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: 67.968 ng

RT: 19.95 min Scan# 2870

Delta R.T. -0.01 min

Lab File: BG043928.D

Acq: 6 Jan 2020 12:40

Instrument :

BNA_G

ClientSampleId :

PB125878BSD

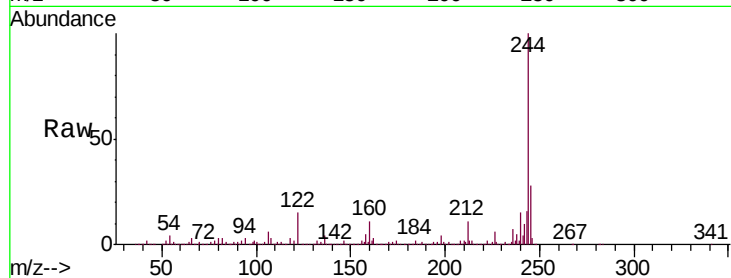
Tgt Ion:244 Resp: 2265821

Ion Ratio Lower Upper

244 100

212 10.9 8.6 13.0

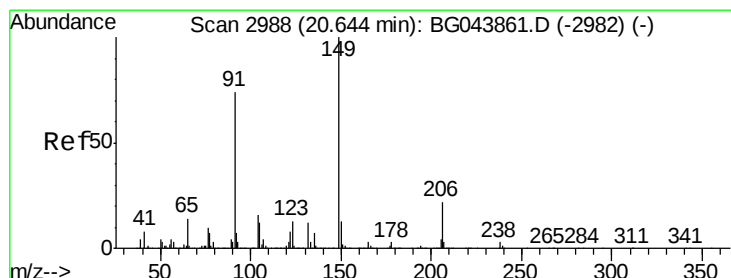
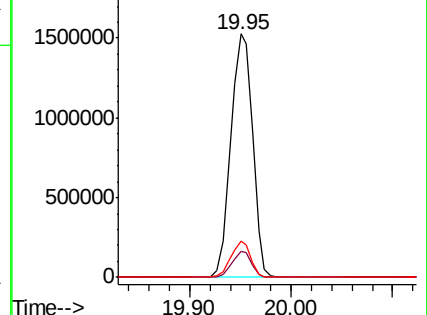
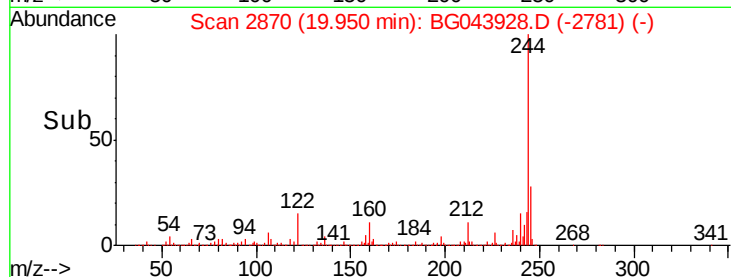
122 15.0 11.9 17.9



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 36.523 ng

RT: 20.64 min Scan# 2988

Delta R.T. -0.00 min

Lab File: BG043928.D

Acq: 6 Jan 2020 12:40

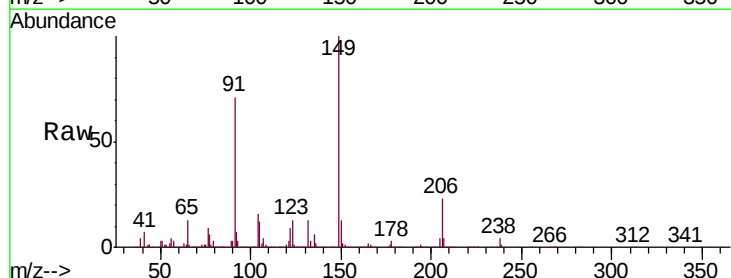
Tgt Ion:149 Resp: 862272

Ion Ratio Lower Upper

149 100

91 70.7 59.5 89.3

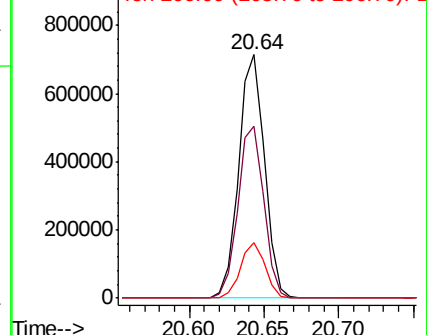
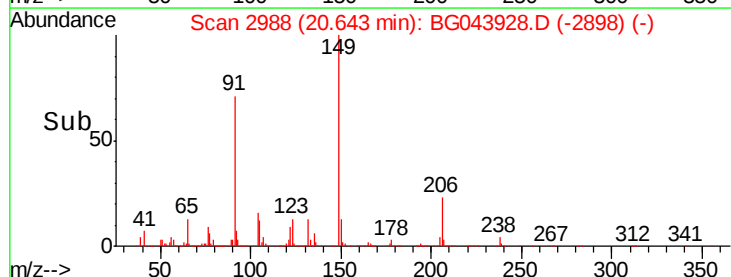
206 22.6 17.8 26.6

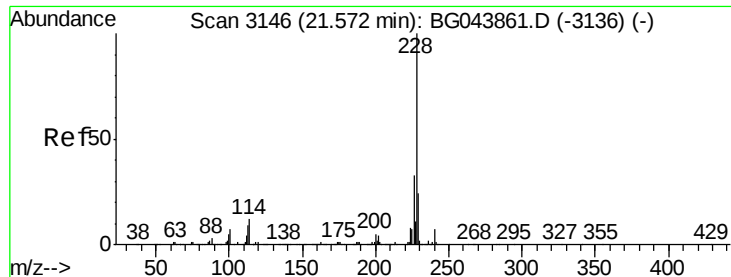


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 37.153 ng

RT: 21.57 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG043928.D

Acq: 6 Jan 2020 12:40

Instrument :

BNA_G

ClientSampleId :

PB125878BSD

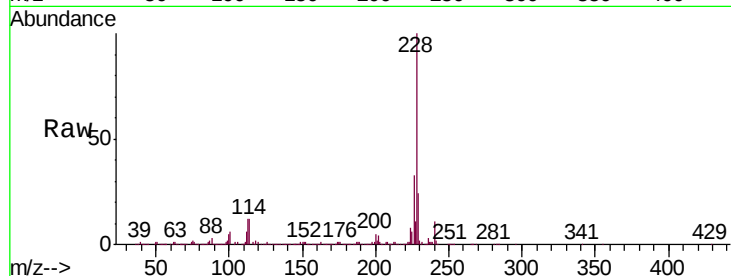
Tgt Ion:228 Resp: 1750146

Ion Ratio Lower Upper

228 100

226 32.9 26.2 39.4

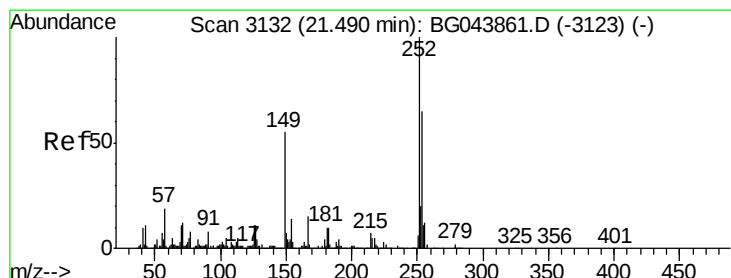
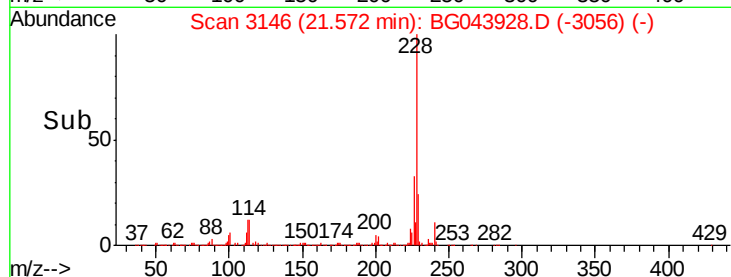
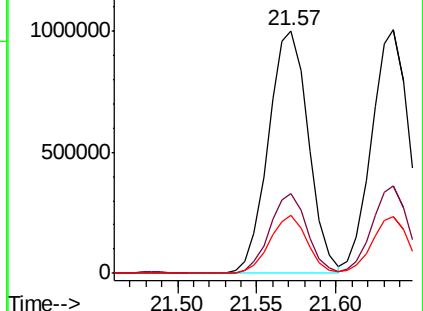
229 24.2 18.9 28.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 32.118 ng

RT: 21.48 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BG043928.D

Acq: 6 Jan 2020 12:40

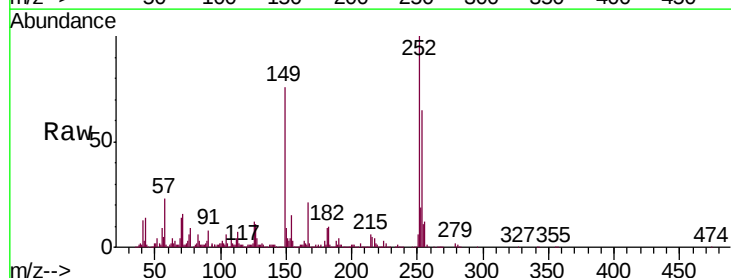
Tgt Ion:252 Resp: 597734

Ion Ratio Lower Upper

252 100

254 65.1 52.1 78.1

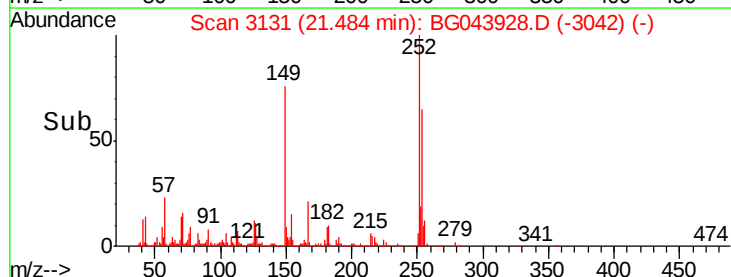
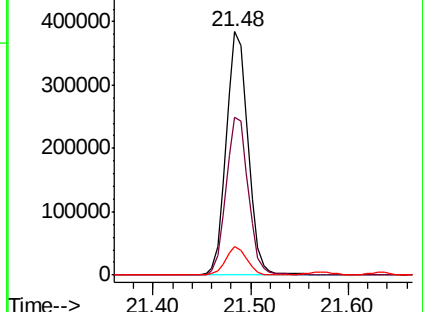
126 11.9 9.1 13.7

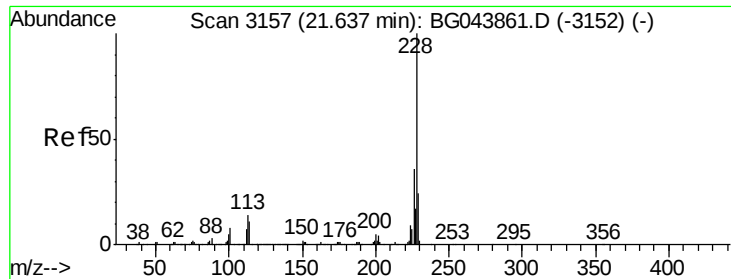


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 36.903 ng

RT: 21.64 min Scan# 3157

Delta R.T. -0.00 min

Lab File: BG043928.D

Acq: 6 Jan 2020 12:40

Instrument :

BNA_G

ClientSampleId :

PB125878BSD

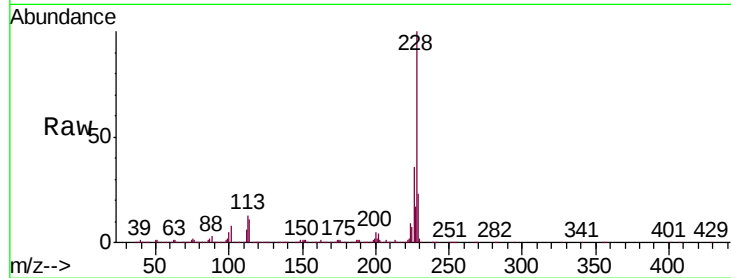
Tgt Ion:228 Resp: 1651817

Ion Ratio Lower Upper

228 100

226 35.7 28.8 43.2

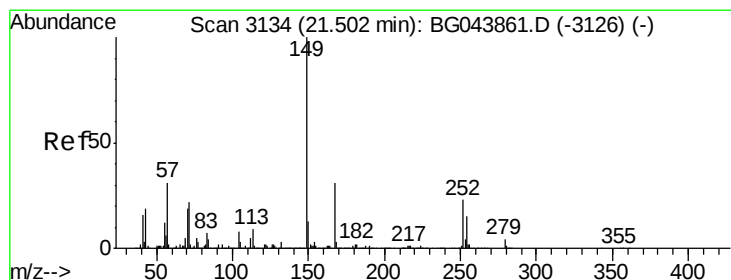
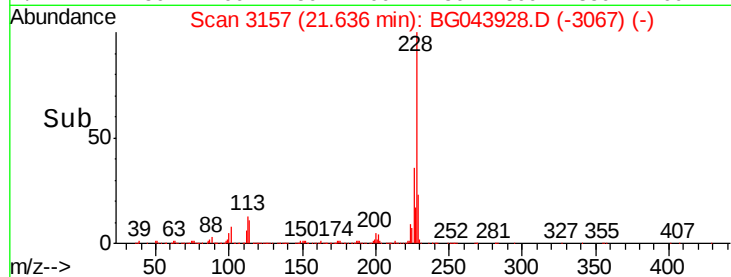
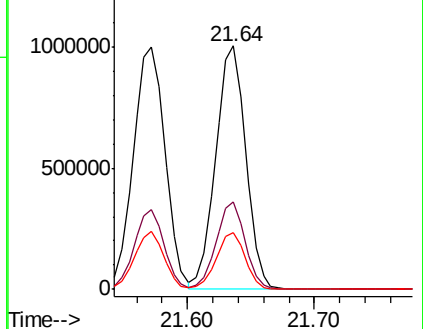
229 23.4 19.0 28.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.293 ng

RT: 21.50 min Scan# 3133

Delta R.T. -0.01 min

Lab File: BG043928.D

Acq: 6 Jan 2020 12:40

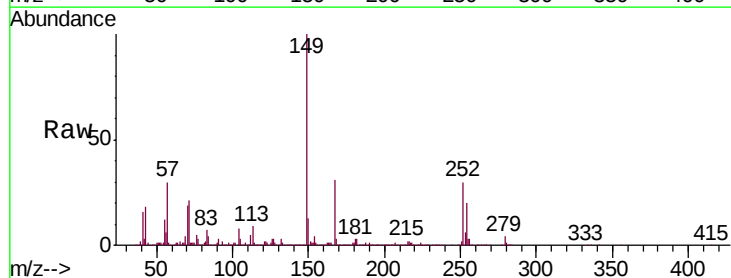
Tgt Ion:149 Resp: 1214844

Ion Ratio Lower Upper

149 100

167 30.7 24.7 37.1

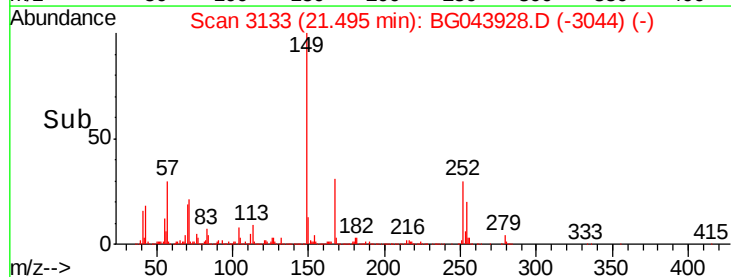
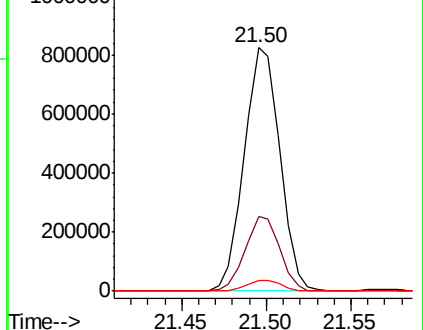
279 4.4 3.3 4.9

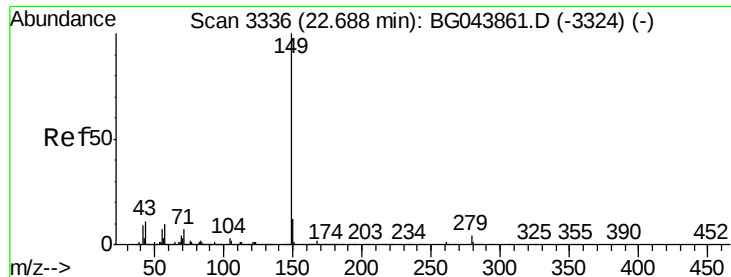


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

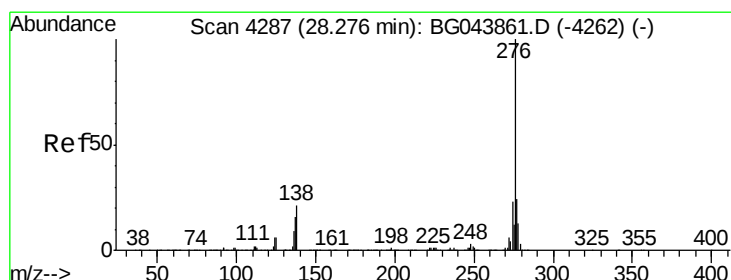
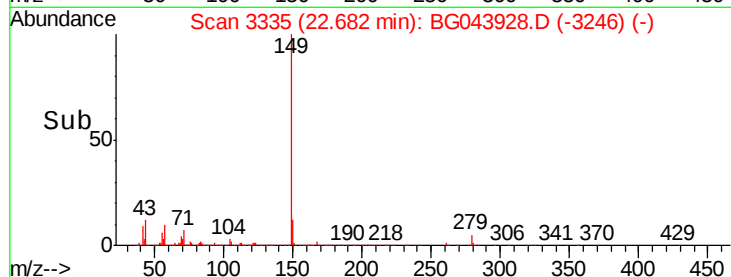
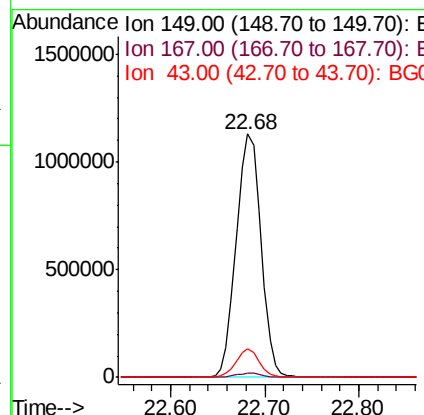
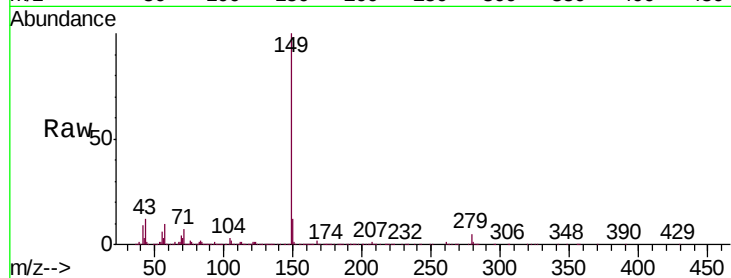




#85
 Di-n-octyl phthalate
 Concen: 37.951 ng
 RT: 22.68 min Scan# 3335
 Delta R.T. -0.01 min
 Lab File: BG043928.D
 Acq: 6 Jan 2020 12:40

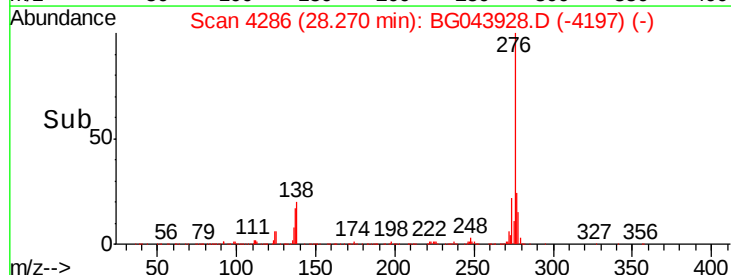
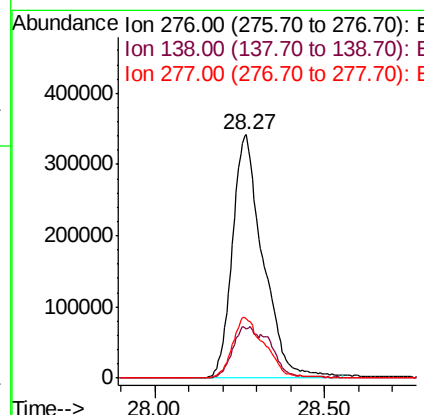
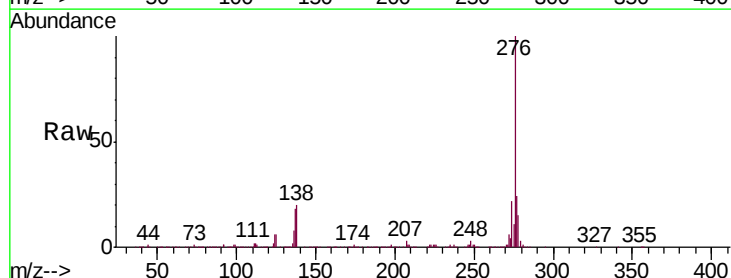
Instrument :
 BNA_G
 ClientSampleId :
 PB125878BSD

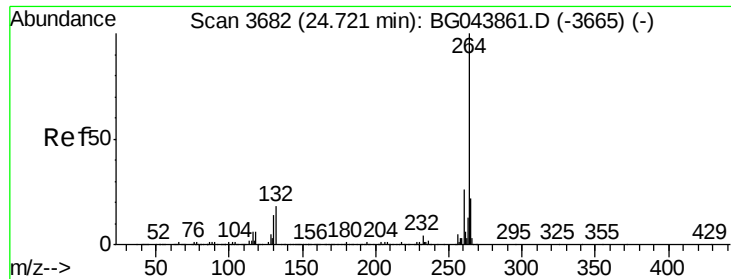
Tgt Ion:149 Resp: 2078346
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.4 2.0
 43 10.8 8.8 13.2



#86
 Indeno(1,2,3-cd)pyrene
 Concen: 35.313 ng
 RT: 28.27 min Scan# 4286
 Delta R.T. -0.01 min
 Lab File: BG043928.D
 Acq: 6 Jan 2020 12:40

Tgt Ion:276 Resp: 2148090
 Ion Ratio Lower Upper
 276 100
 138 10.0 21.0 31.4#
 277 26.0 21.1 31.7



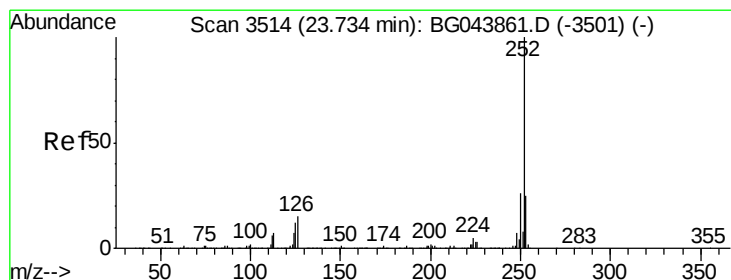
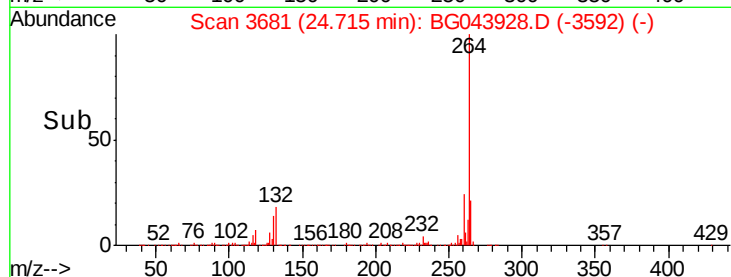
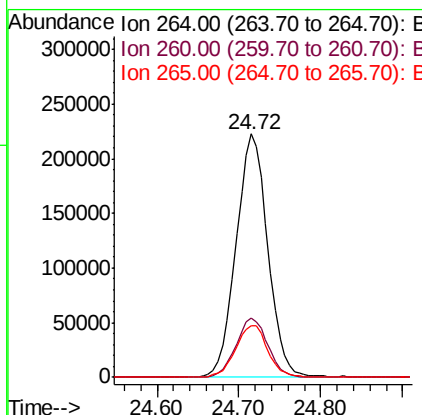
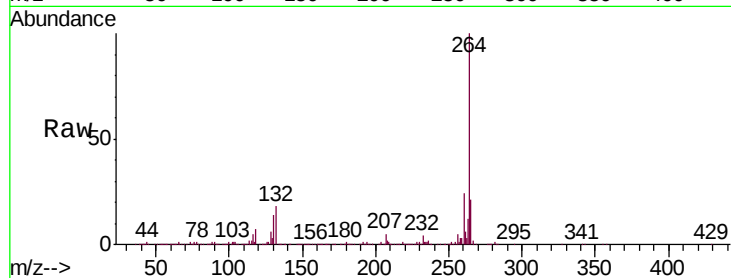


#87
Perylene-d12
Concen: 20.000 ng
RT: 24.72 min Scan# 3681
Delta R.T. -0.01 min
Lab File: BG043928.D
Acq: 6 Jan 2020 12:40

Instrument :
BNA_G
ClientSampleId :
PB125878BSD

Tgt Ion: 264 Resp: 599935

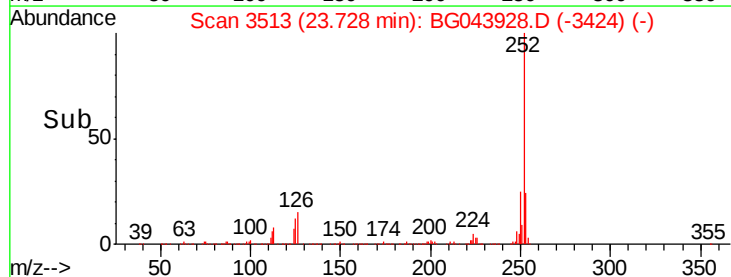
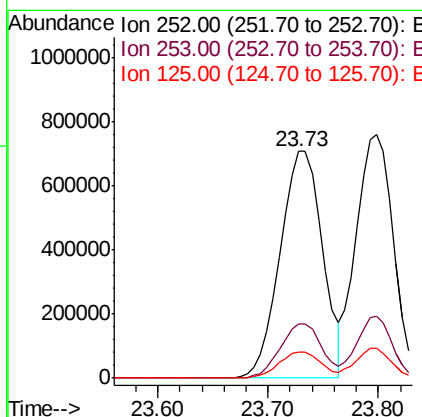
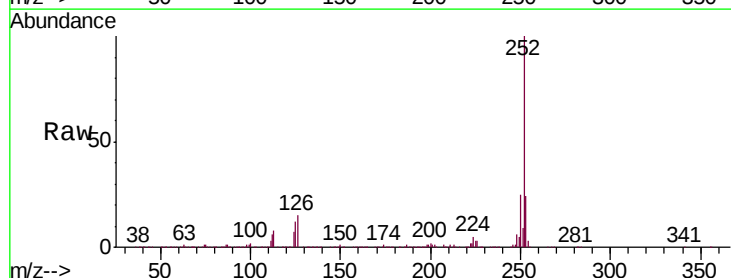
Ion	Ratio	Lower	Upper
264	100		
260	24.2	20.4	30.6
265	21.1	17.4	26.2



#88
Benzo(b)fluoranthene
Concen: 52.811 ng
RT: 23.73 min Scan# 3513
Delta R.T. -0.01 min
Lab File: BG043928.D
Acq: 6 Jan 2020 12:40

Tgt Ion: 252 Resp: 1873046

Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.7	29.5
125	11.7	9.4	14.2





#89

Benzo(k)fluoranthene

Concen: 53.880 ng

RT: 23.80 min Scan# 3525

Delta R.T. -0.00 min

Lab File: BG043928.D

Acq: 6 Jan 2020 12:40

Instrument :

BNA_G

ClientSampleId :

PB125878BSD

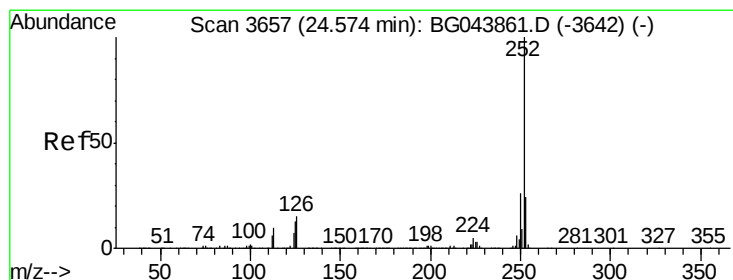
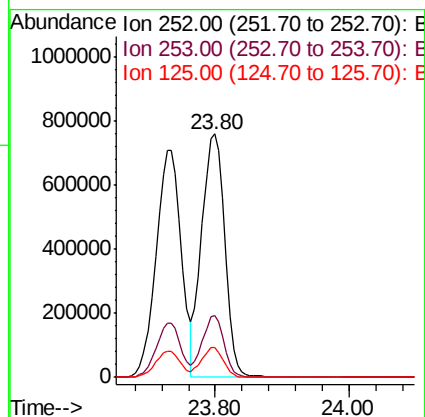
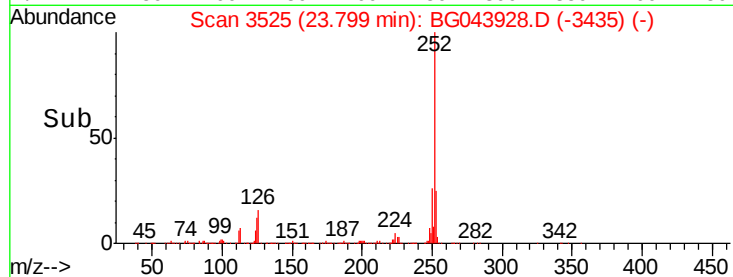
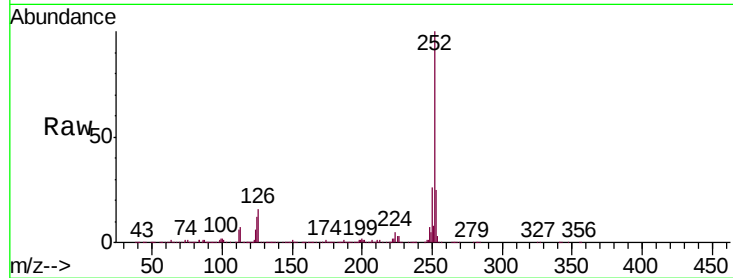
Tgt Ion:252 Resp: 1817193

Ion Ratio Lower Upper

252 100

253 25.2 19.4 29.2

125 12.4 9.9 14.9



#90

Benzo(a)pyrene

Concen: 50.878 ng

RT: 24.57 min Scan# 3656

Delta R.T. -0.01 min

Lab File: BG043928.D

Acq: 6 Jan 2020 12:40

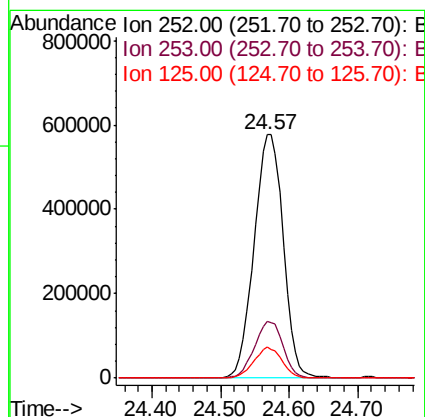
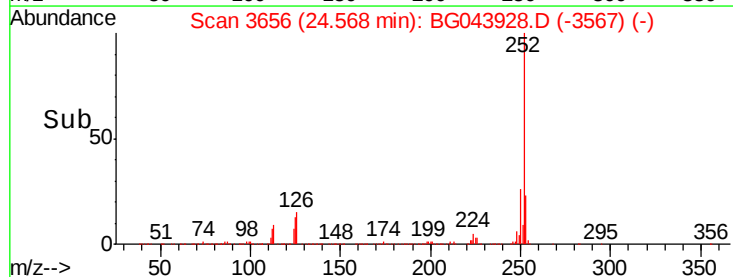
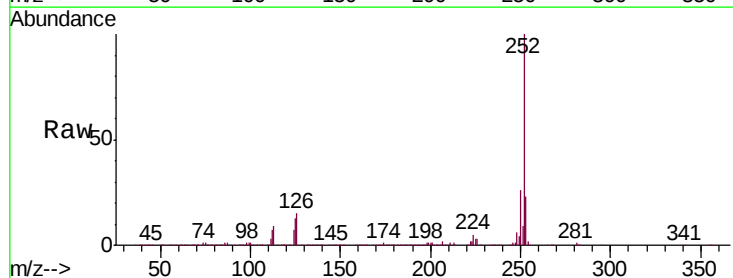
Tgt Ion:252 Resp: 1703092

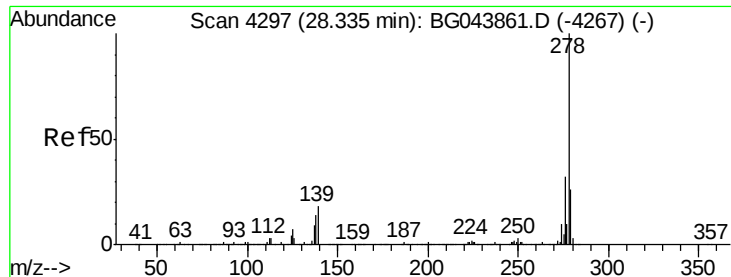
Ion Ratio Lower Upper

252 100

253 23.3 19.3 28.9

125 13.0 10.4 15.6





#91

Dibenzo(a,h)anthracene

Concen: 53.763 ng

RT: 28.33 min Scan# 4297

Delta R.T. -0.00 min

Lab File: BG043928.D

Acq: 6 Jan 2020 12:40

Instrument :

BNA_G

ClientSampleId :

PB125878BSD

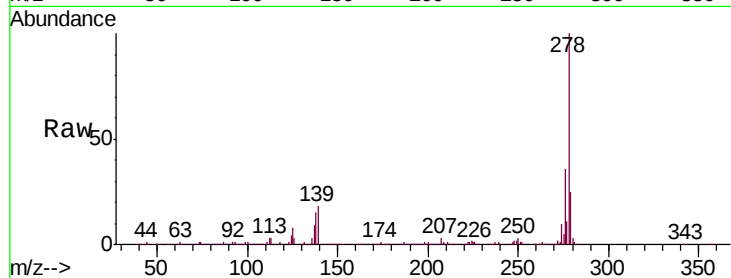
Tgt Ion:278 Resp: 1807402

Ion Ratio Lower Upper

278 100

139 17.7 14.2 21.4

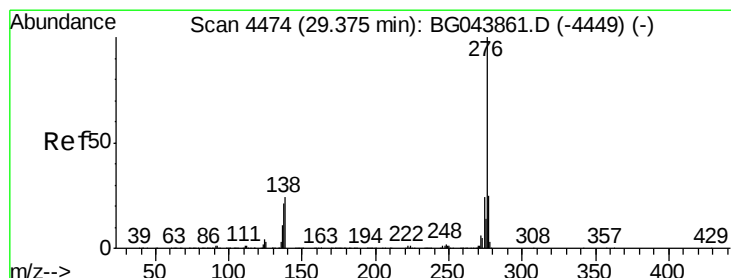
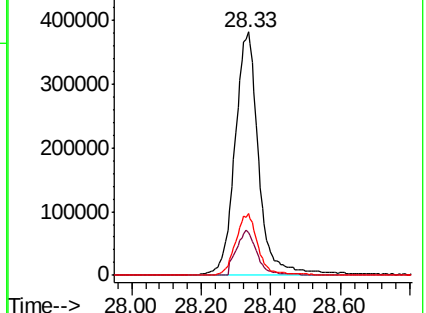
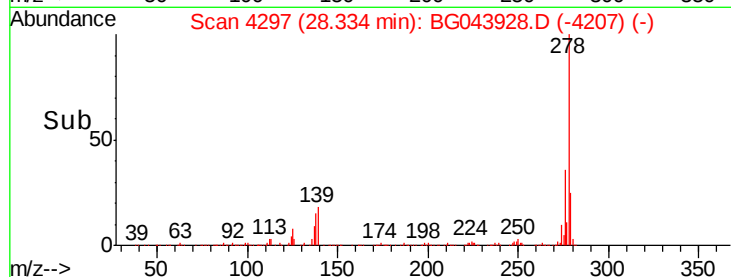
279 25.2 20.6 30.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 52.324 ng

RT: 29.36 min Scan# 4472

Delta R.T. -0.01 min

Lab File: BG043928.D

Acq: 6 Jan 2020 12:40

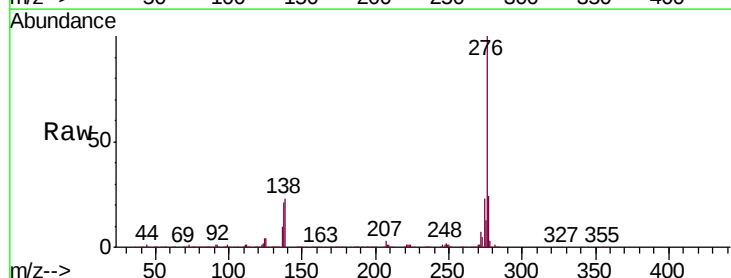
Tgt Ion:276 Resp: 1747256

Ion Ratio Lower Upper

276 100

277 23.6 20.2 30.4

138 23.4 19.0 28.6



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

