

Data File : BG043927.D
Acq On : 6 Jan 2020 11:11
Operator : JU
Sample : PB125814BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB125814BS

Quant Time: Jan 07 04:42:52 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	114992	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	508111	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	342692	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	748754	20.00	ng	0.00
76) Chrysene-d12	21.58	240	651038	20.00	ng	0.00
87) Perylene-d12	24.71	264	736364	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	805370	128.60	ng	0.00
7) Phenol-d6	7.13	99	1066277	121.80	ng	0.00
23) Nitrobenzene-d5	9.12	82	670596	70.60	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	406192	113.27	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1468686	77.65	ng	0.00
79) Terphenyl-d14	19.95	244	2114296	76.10	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.43	88	111039	40.663 ng	97
3) Pyridine	3.82	79	264371	32.772 ng	96
4) n-Nitrosodimethylamine	3.74	42	141345	39.355 ng	99
6) Aniline	7.28	93	330053	28.704 ng	98
8) 2-Chlorophenol	7.53	128	333719	45.389 ng	98
9) Benzaldehyde	7.09	77	201663	35.993 ng	99
10) Phenol	7.15	94	416915	46.223 ng	100
11) bis(2-Chloroethyl)ether	7.38	93	311936	40.065 ng	99
12) 1,3-Dichlorobenzene	7.85	146	339094	39.412 ng	98
13) 1,4-Dichlorobenzene	8.00	146	342938	40.397 ng	99
14) 1,2-Dichlorobenzene	8.32	146	325176	39.907 ng	99
15) Benzyl Alcohol	8.19	79	287434	41.603 ng	98
16) 2,2'-oxybis(1-Chloropropan	8.49	45	440268	36.551 ng	100
17) 2-Methylphenol	8.41	107	289635	44.374 ng	98
18) Hexachloroethane	9.05	117	127785	38.685 ng	97
19) n-Nitroso-di-n-propylamine	8.76	70	251299	38.546 ng	97
20) 3+4-Methylphenols	8.73	107	399127	43.834 ng	97
22) Acetophenone	8.78	105	461504	36.534 ng	99
24) Nitrobenzene	9.16	77	354119	37.643 ng	99
25) Isophorone	9.68	82	674877	37.873 ng	100
26) 2-Nitrophenol	9.87	139	181349	40.746 ng	99
27) 2,4-Dimethylphenol	9.94	122	323015	48.214 ng	97
28) bis(2-Chloroethoxy)methane	10.17	93	432153	36.377 ng	99
29) 2,4-Dichlorophenol	10.41	162	328254	41.075 ng	98
30) 1,2,4-Trichlorobenzene	10.63	180	332806	37.142 ng	98
31) Naphthalene	10.82	128	977044	39.736 ng	99
32) Benzoic acid	10.06	122	128284	26.707 ng	96
33) 4-Chloroaniline	10.92	127	248521	21.191 ng	99
34) Hexachlorobutadiene	11.11	225	192464	35.180 ng	95
35) Caprolactam	11.68	113	87111	29.281 ng	99
36) 4-Chloro-3-methylphenol	12.04	107	352866	41.478 ng	98
37) 2-Methylnaphthalene	12.42	142	731682	39.526 ng	98
38) 1-Methylnaphthalene	12.64	142	702585	40.046 ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	343570	34.205 ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	456935	87.748	ng	100
43) 2,4,6-Trichlorophenol	13.02	196	263316	38.099	ng	100
44) 2,4,5-Trichlorophenol	13.10	196	287641	40.353	ng	98
46) 1,1'-Biphenyl	13.43	154	926788	37.720	ng	99
47) 2-Chloronaphthalene	13.47	162	728049	36.669	ng	98
48) 2-Nitroaniline	13.66	65	230581	36.104	ng	99
49) Acenaphthylene	14.31	152	1142246	40.027	ng	98
50) Dimethylphthalate	14.05	163	931680	38.290	ng	99
51) 2,6-Dinitrotoluene	14.16	165	214539	39.009	ng	96
52) Acenaphthene	14.66	154	821815	41.065	ng	98
53) 3-Nitroaniline	14.49	138	169894	27.203	ng	96
54) 2,4-Dinitrophenol	14.69	184	186063	67.339	ng	98
55) Dibenzofuran	14.99	168	1108500	40.237	ng	98
56) 4-Nitrophenol	14.80	139	412054	86.098	ng	95
57) 2,4-Dinitrotoluene	14.95	165	300289	40.127	ng	96
58) Fluorene	15.64	166	874199	40.035	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.22	232	244123	39.828	ng	99
60) Diethylphthalate	15.42	149	956632	39.307	ng	99
61) 4-Chlorophenyl-phenylether	15.63	204	448202	37.801	ng	98
62) 4-Nitroaniline	15.65	138	228352	37.025	ng	94
63) Azobenzene	15.93	77	901954	39.962	ng	99
65) 4,6-Dinitro-2-methylphenol	15.71	198	151207	40.001	ng	99
66) n-Nitrosodiphenylamine	15.84	169	826621	37.489	ng	98
67) 4-Bromophenyl-phenylether	16.53	248	297339	35.308	ng	98
68) Hexachlorobenzene	16.65	284	318980	35.153	ng	99
69) Atrazine	16.80	200	317970	44.364	ng	100
70) Pentachlorophenol	16.99	266	346961	69.363	ng	98
71) Phenanthrene	17.38	178	1403120	39.069	ng	99
72) Anthracene	17.47	178	1450045	40.854	ng	100
73) Carbazole	17.74	167	1315521	40.125	ng	99
74) Di-n-butylphthalate	18.31	149	1634404	39.045	ng	98
75) Fluoranthene	19.39	202	1626594	39.603	ng	98
77) Benzidine	19.56	184	599654	36.644	ng	98
78) Pyrene	19.75	202	1634407	38.460	ng	99
80) Butylbenzylphthalate	20.64	149	762622	37.694	ng	98
81) Benzo(a)anthracene	21.57	228	1576786	39.059	ng	98
82) 3,3'-Dichlorobenzidine	21.49	252	461229	28.919	ng	100
83) Chrysene	21.63	228	1495336	38.983	ng	98
84) Bis(2-ethylhexyl)phthalate	21.50	149	1071027	38.366	ng	100
85) Di-n-octyl phthalate	22.68	149	1850865	39.438	ng	99
86) Indeno(1,2,3-cd)pyrene	28.26	276	1951494	37.436	ng	99
88) Benzo(b)fluoranthene	23.73	252	1658948	38.109	ng	99
89) Benzo(k)fluoranthene	23.79	252	1634041	39.473	ng	99
90) Benzo(a)pyrene	24.57	252	1563246	38.048	ng	98
91) Dibenzo(a,h)anthracene	28.33	278	1607042	38.946	ng	98
92) Benzo(g,h,i)perylene	29.36	276	1573855	38.399	ng	97

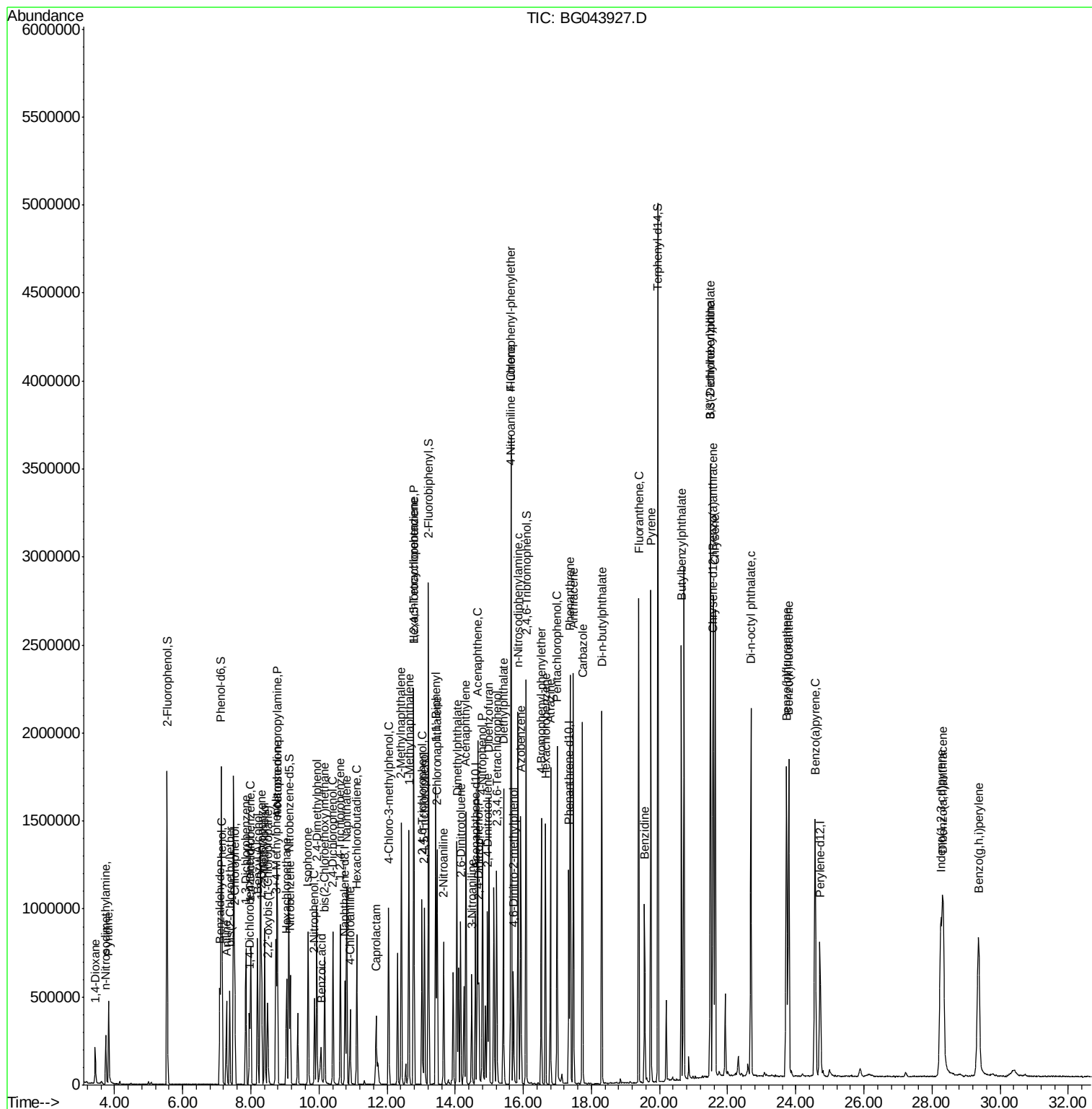
(#) = qualifier out of range (m) = manual integration (+) = signals summed

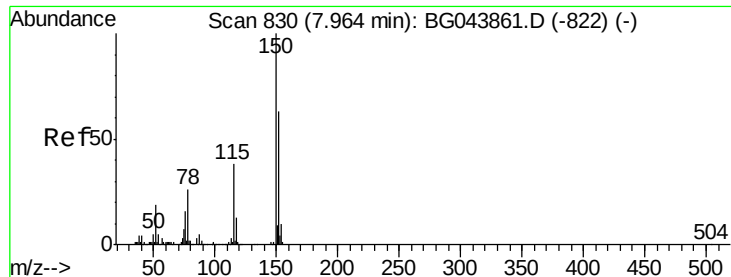
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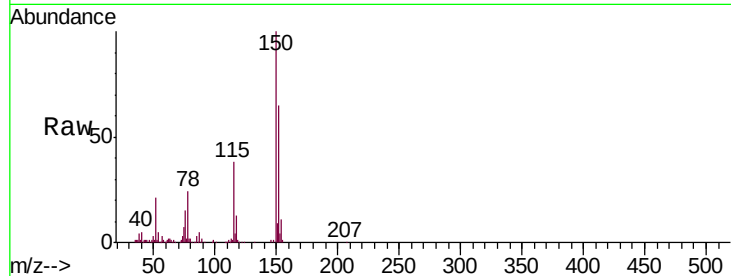


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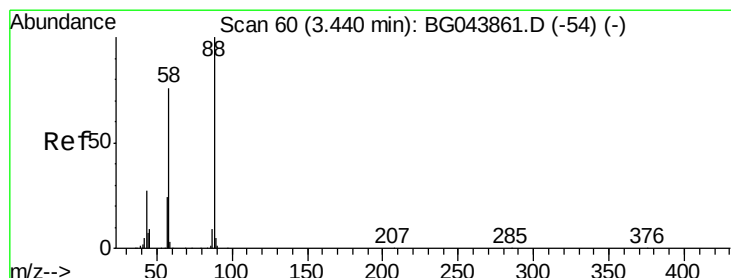
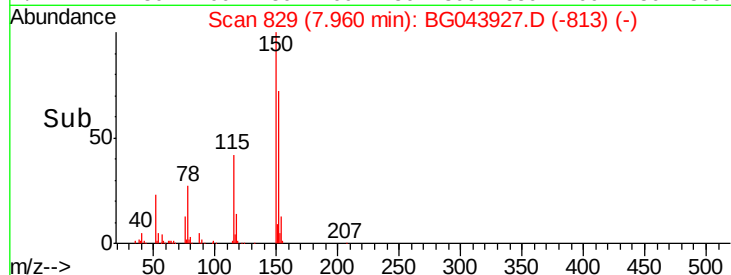
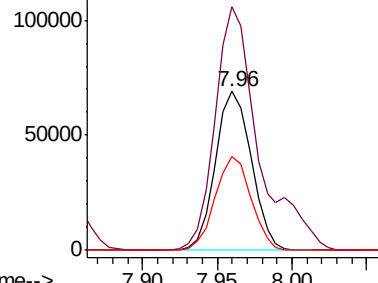
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 829
Delta R.T. -0.00 min
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Instrument :
BNA_G
ClientSampleId :
PB125814BS

Tgt Ion:152 Resp: 114992
Ion Ratio Lower Upper
152 100
150 153.4 127.0 190.4
115 58.8 47.8 71.8



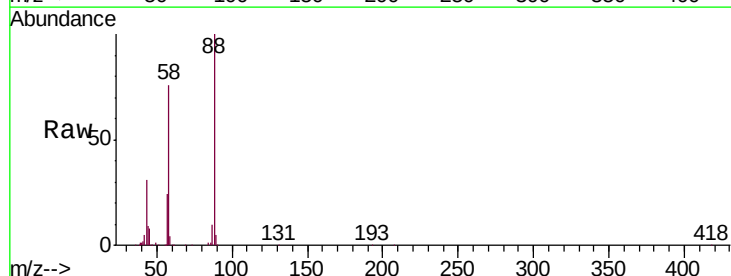
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



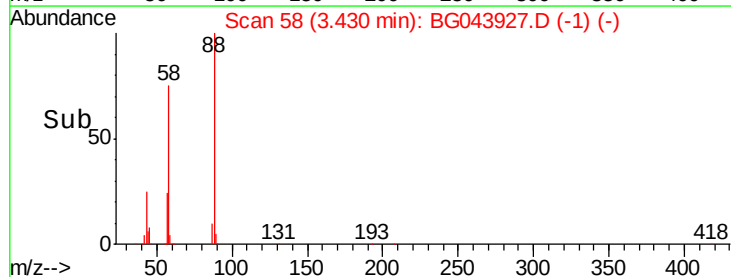
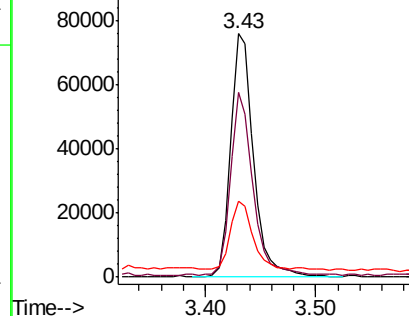
#2

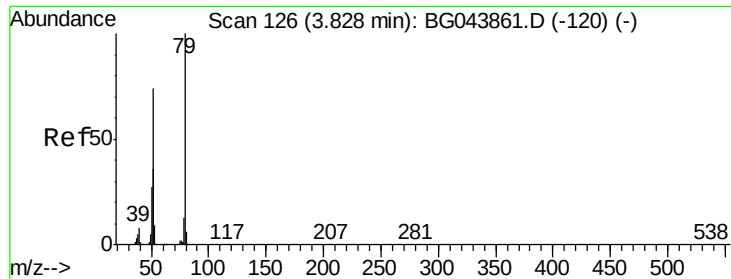
1,4-Dioxane
Concen: 40.663 ng
RT: 3.43 min Scan# 58
Delta R.T. -0.01 min
Lab File: BG043927.D
Acq: 6 Jan 2020 11:11

Tgt Ion: 88 Resp: 111039
Ion Ratio Lower Upper
88 100
58 73.0 59.8 89.8
43 25.9 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: 32.772 ng

RT: 3.82 min Scan# 125

Delta R.T. -0.00 min

Lab File: BG043927.D

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Instrument :

BNA_G

ClientSampleId :

PB125814BS

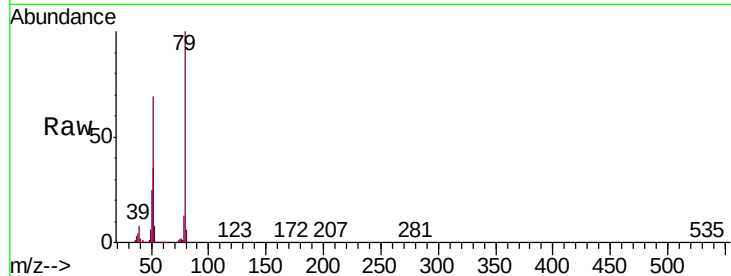
Tgt Ion: 79 Resp: 264371

Ion Ratio Lower Upper

79 100

52 69.5 58.9 88.3

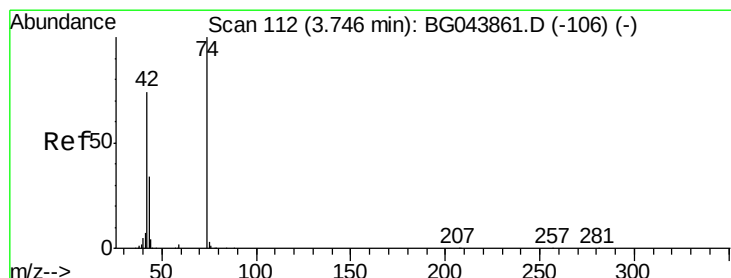
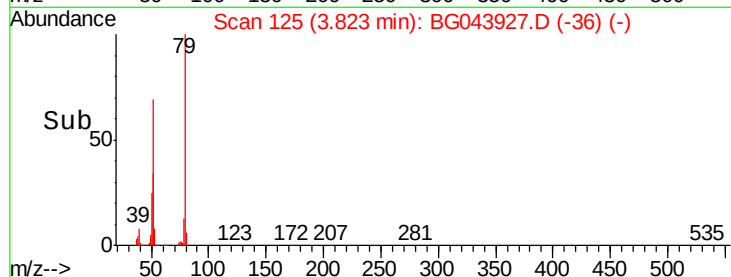
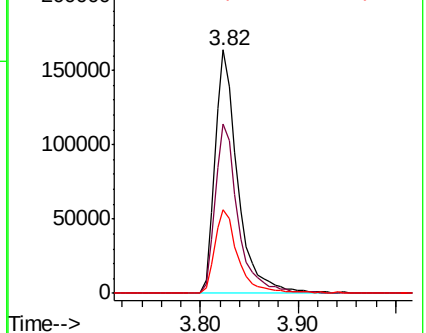
51 34.6 28.6 43.0



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: 39.355 ng

RT: 3.74 min Scan# 111

Delta R.T. -0.00 min

Lab File: BG043927.D

Acq: 6 Jan 2020 11:11

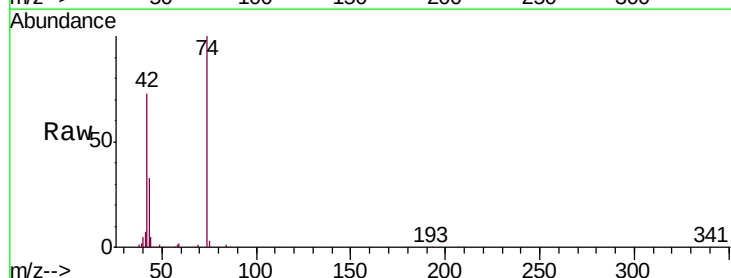
Tgt Ion: 42 Resp: 141345

Ion Ratio Lower Upper

42 100

74 136.4 108.6 162.8

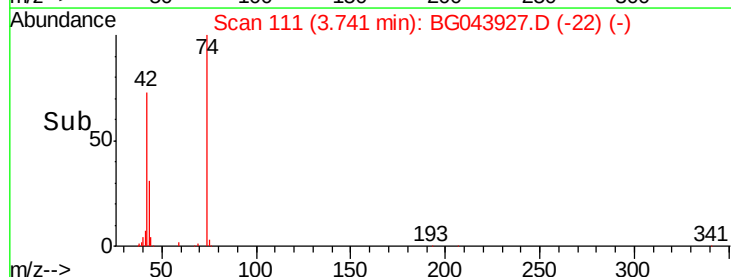
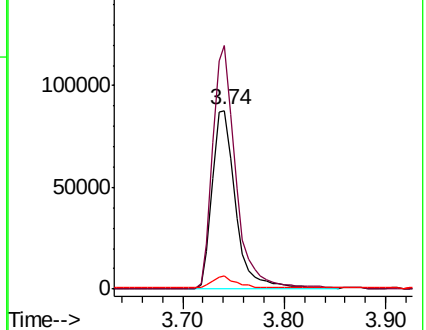
44 7.2 5.0 7.6

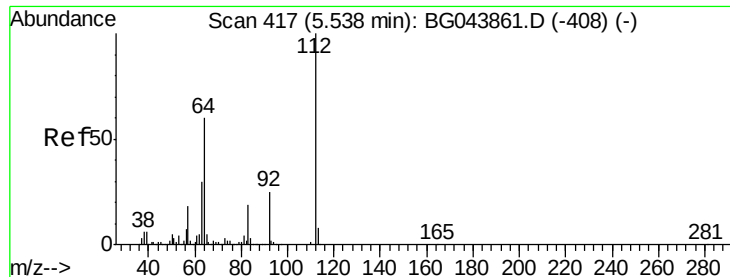


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 128.596 ng

RT: 5.54 min Scan# 417

Delta R.T. 0.00 min

Lab File: BG043927.D

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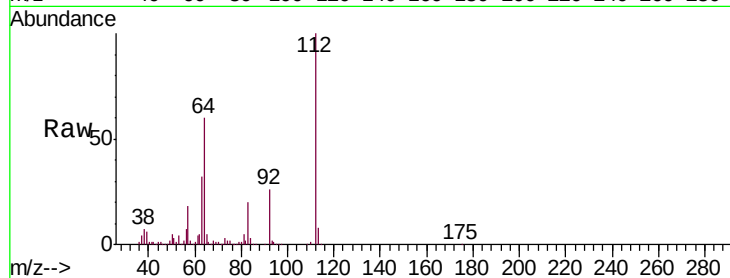
Tgt Ion: 112 Resp: 805370

Ion Ratio Lower Upper

112 100

64 60.2 47.8 71.6

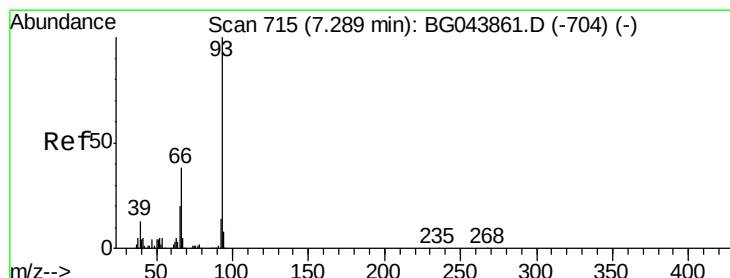
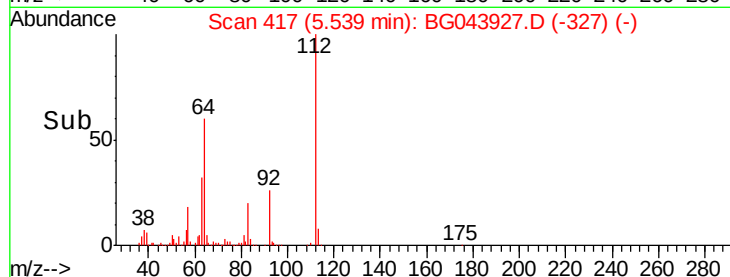
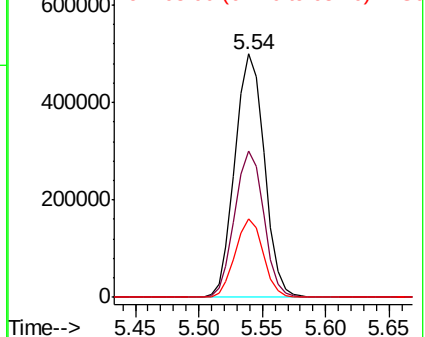
63 32.2 24.3 36.5



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: 28.704 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.00 min

Lab File: BG043927.D

Acq: 6 Jan 2020 11:11

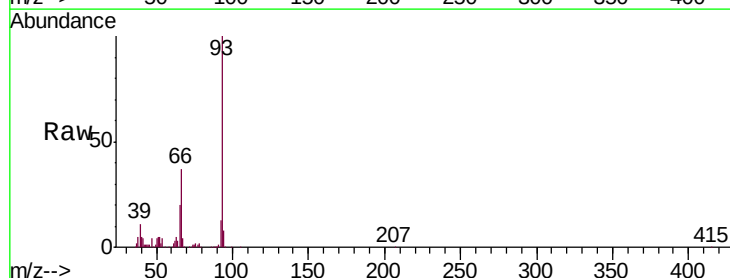
Tgt Ion: 93 Resp: 330053

Ion Ratio Lower Upper

93 100

66 37.1 30.8 46.2

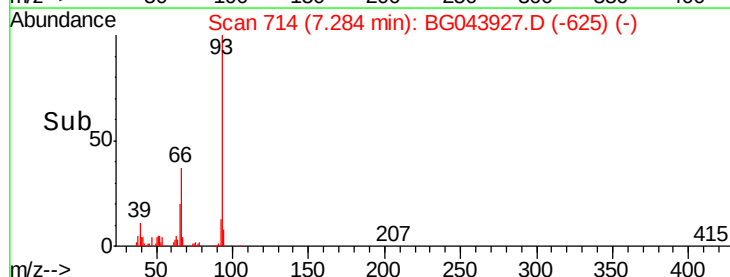
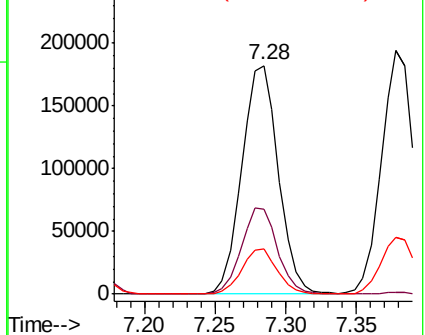
65 19.8 16.0 24.0

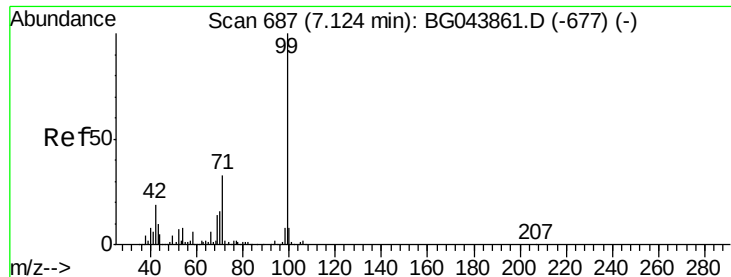


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 121.802 ng

RT: 7.13 min Scan# 688

Delta R.T. 0.01 min

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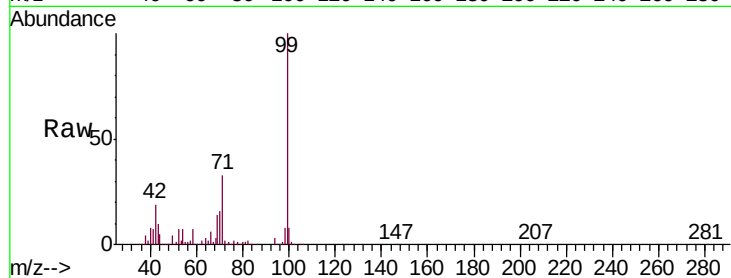
Tgt Ion: 99 Resp: 1066277

Ion Ratio Lower Upper

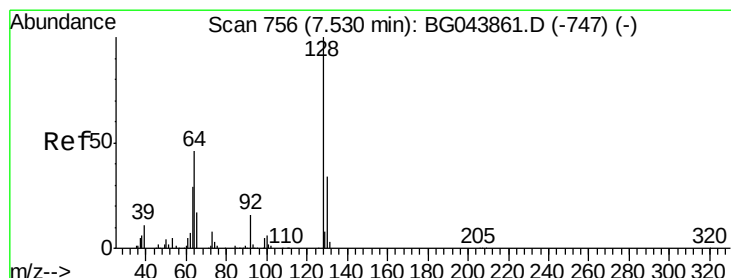
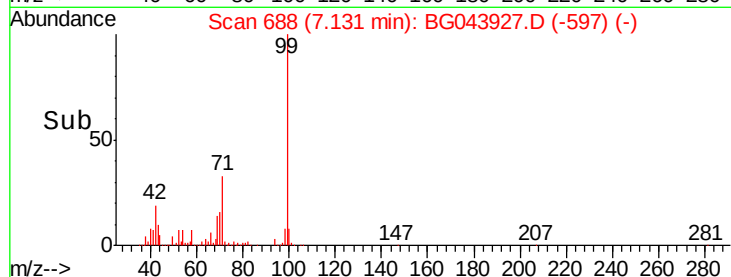
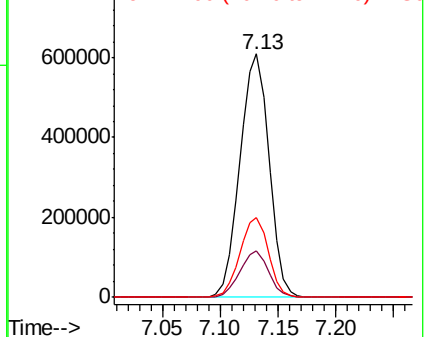
99 100

42 19.2 14.9 22.3

71 32.7 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: 45.389 ng

RT: 7.53 min Scan# 756

Delta R.T. 0.00 min

Lab File: BG043927.D

Acq: 6 Jan 2020 11:11

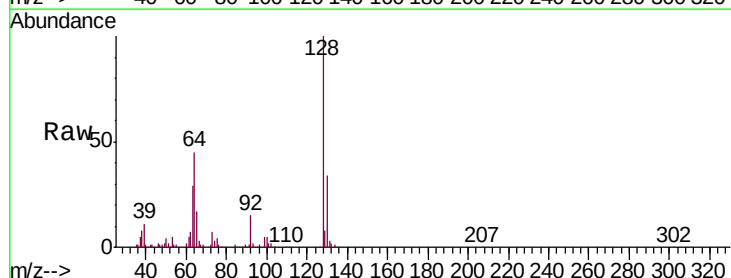
Tgt Ion: 128 Resp: 333719

Ion Ratio Lower Upper

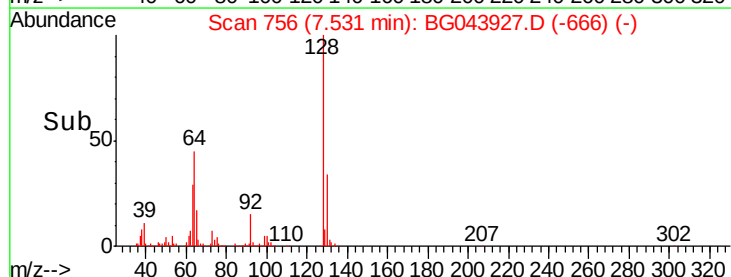
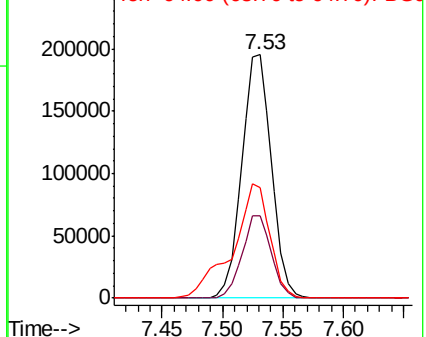
128 100

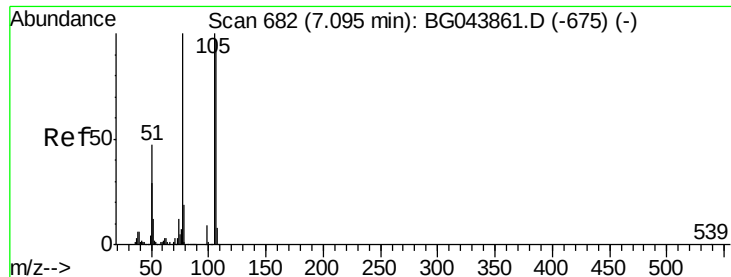
130 33.7 13.8 53.8

64 45.4 27.6 67.6



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





#9

Benzaldehyde

Concen: 35.993 ng

RT: 7.09 min Scan# 681

Delta R.T. -0.00 min

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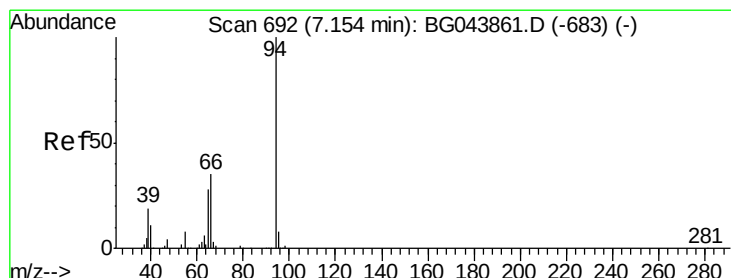
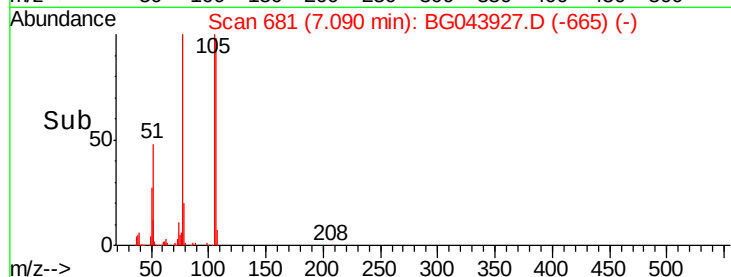
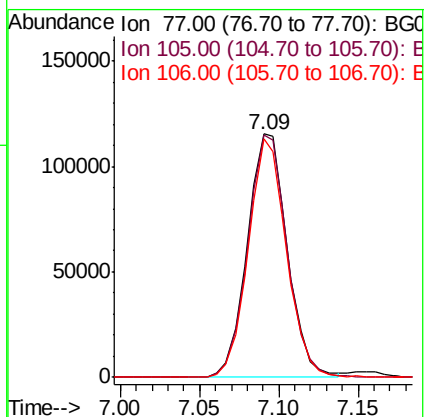
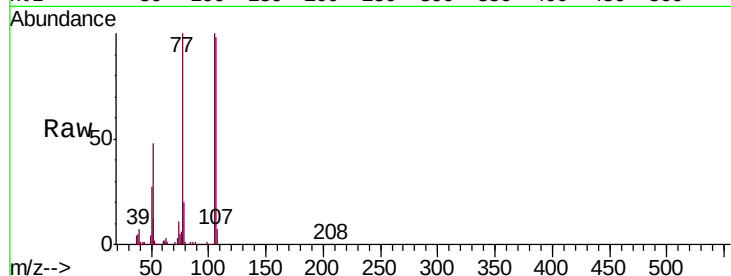
Tgt Ion: 77 Resp: 201663

Ion Ratio Lower Upper

77 100

105 99.7 80.2 120.2

106 97.8 77.2 117.2



#10

Phenol

Concen: 46.223 ng

RT: 7.15 min Scan# 692

Delta R.T. 0.00 min

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Acq: 6 Jan 2020 11:11

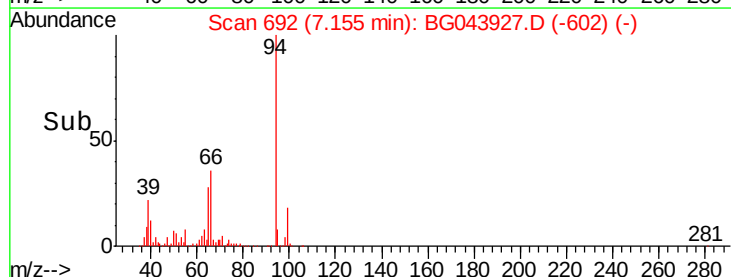
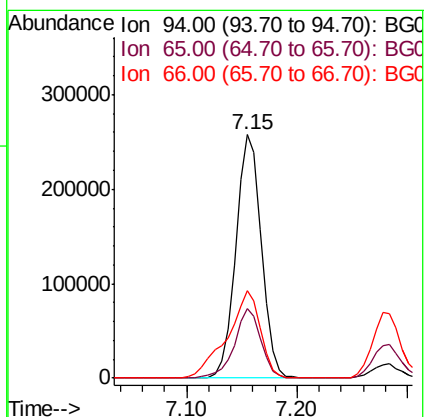
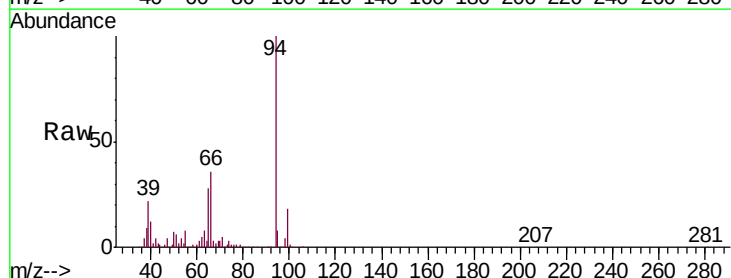
Tgt Ion: 94 Resp: 416915

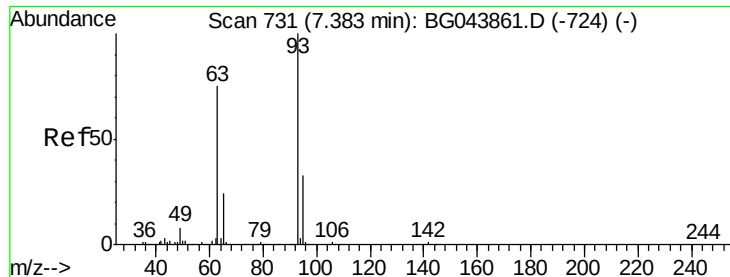
Ion Ratio Lower Upper

94 100

65 28.4 8.1 48.1

66 35.7 15.6 55.6

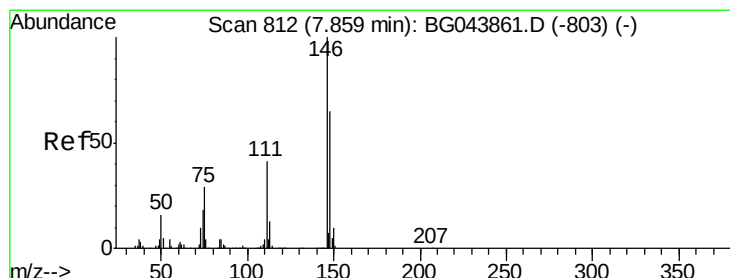
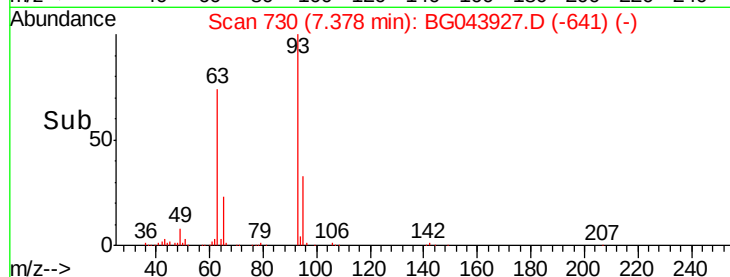
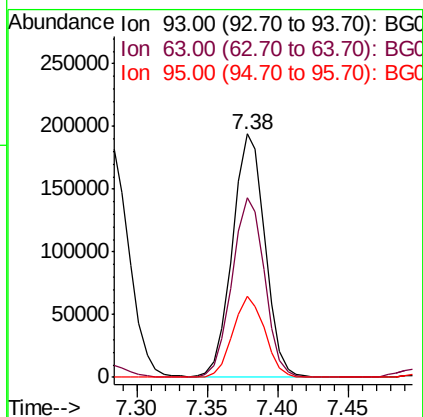
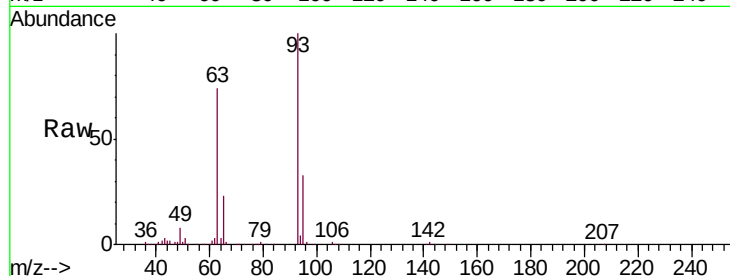




#11
bis(2-Chloroethyl)ether
Concen: 40.065 ng
RT: 7.38 min Scan# 730
Delta R.T. -0.00 min
Lab File: BG043927.D
Acq: 6 Jan 2020 11:11

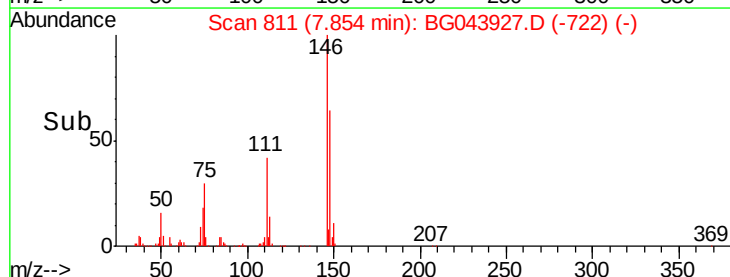
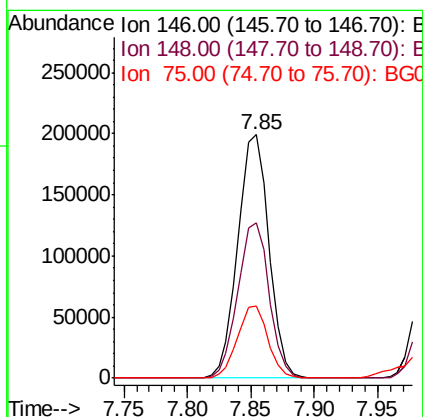
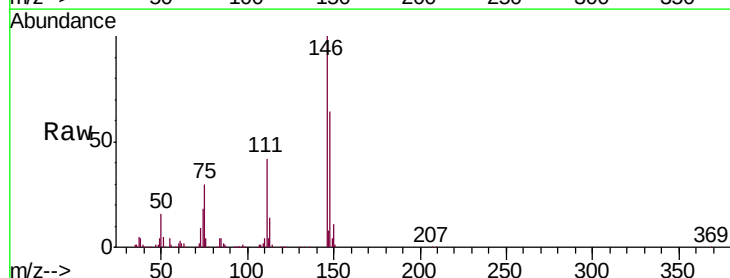
Instrument :
BNA_G
ClientSampleId :
PB125814BS

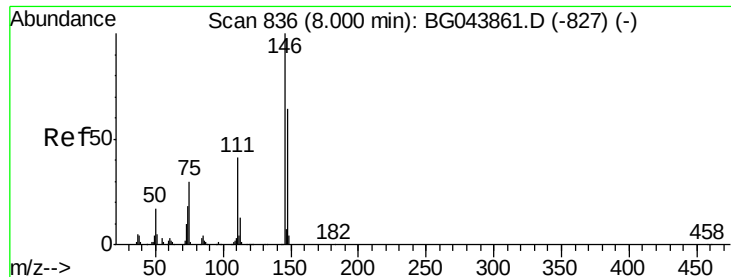
Tgt Ion: 93 Resp: 311936
Ion Ratio Lower Upper
93 100
63 73.7 55.0 95.0
95 33.0 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 39.412 ng
RT: 7.85 min Scan# 811
Delta R.T. -0.00 min
Lab File: BG043927.D
Acq: 6 Jan 2020 11:11

Tgt Ion: 146 Resp: 339094
Ion Ratio Lower Upper
146 100
148 63.7 52.1 78.1
75 29.8 23.0 34.4

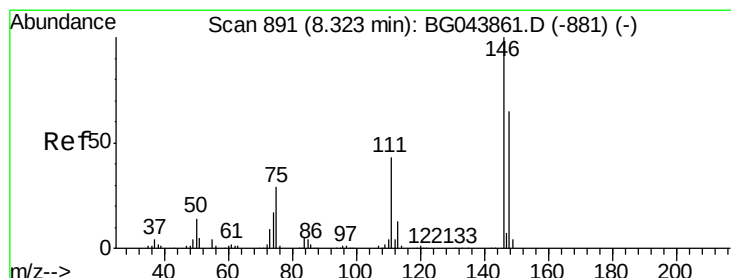
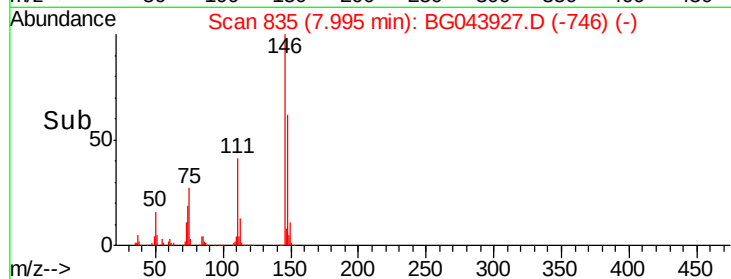
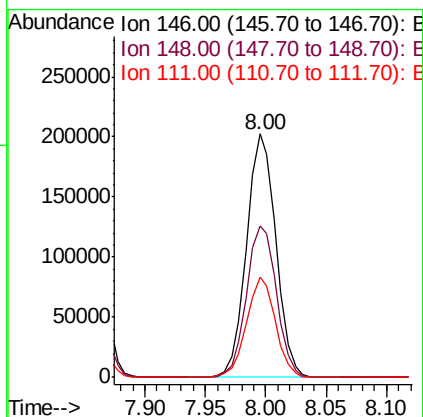
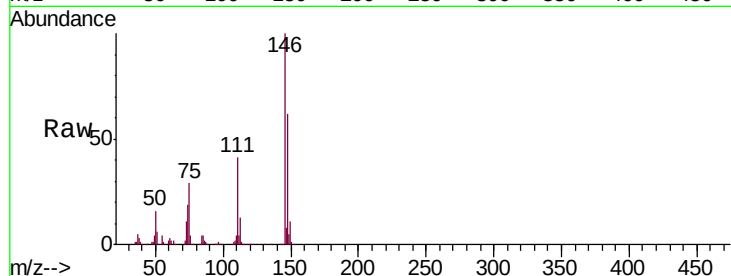




#13
 1,4-Dichlorobenzene
 Concen: 40.397 ng
 RT: 8.00 min Scan# 835
 Delta R.T. -0.00 min
 Lab File: BG043927.D
 Acq: 6 Jan 2020 11:11

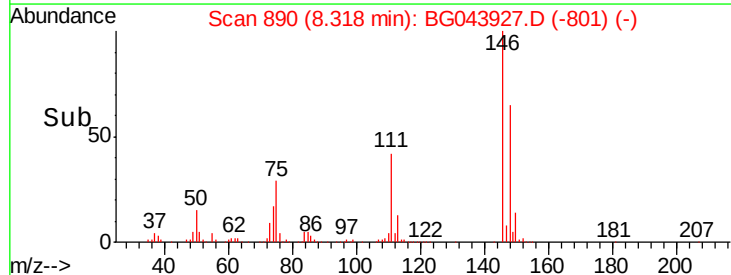
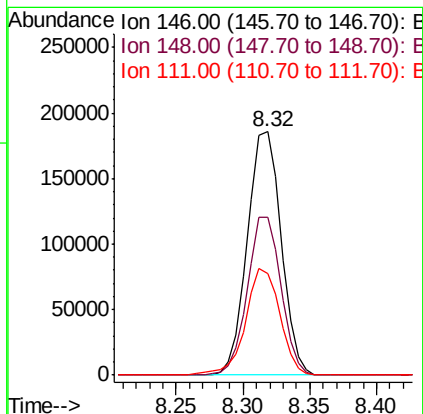
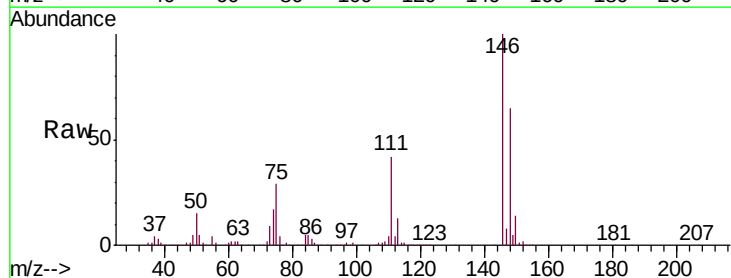
Instrument :
 BNA_G
 ClientSampleId :
 PB125814BS

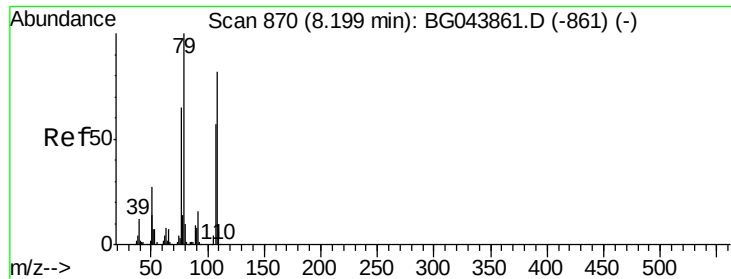
Tgt Ion:146 Resp: 342938
 Ion Ratio Lower Upper
 146 100
 148 62.3 51.2 76.8
 111 41.1 33.1 49.7



#14
 1,2-Dichlorobenzene
 Concen: 39.907 ng
 RT: 8.32 min Scan# 890
 Delta R.T. -0.00 min
 Lab File: BG043927.D
 Acq: 6 Jan 2020 11:11

Tgt Ion:146 Resp: 325176
 Ion Ratio Lower Upper
 146 100
 148 64.7 51.7 77.5
 111 41.5 34.4 51.6





#15

Benzyl Alcohol

Concen: 41.603 ng

RT: 8.19 min Scan# 869

Delta R.T. -0.00 min

Lab File: BG043927.D

Acq: 6 Jan 2020 11:11

Instrument :

BNA_G

ClientSampleId :

PB125814BS

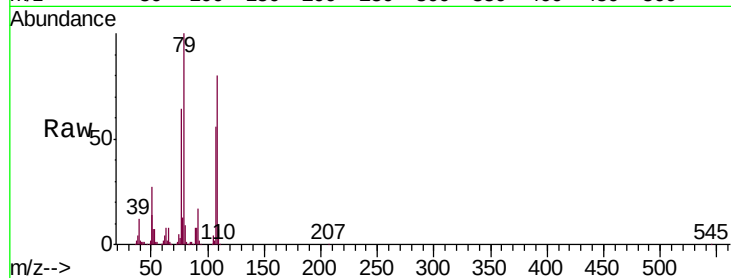
Tgt Ion: 79 Resp: 287434

Ion Ratio Lower Upper

79 100

108 79.9 65.6 98.4

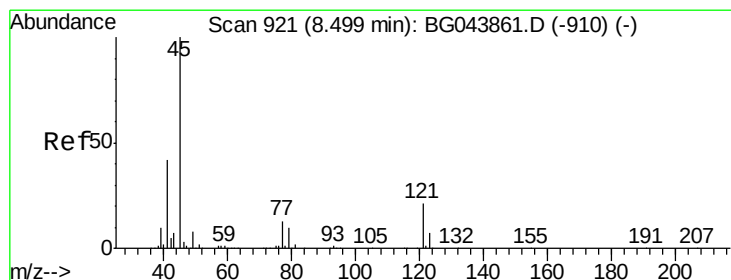
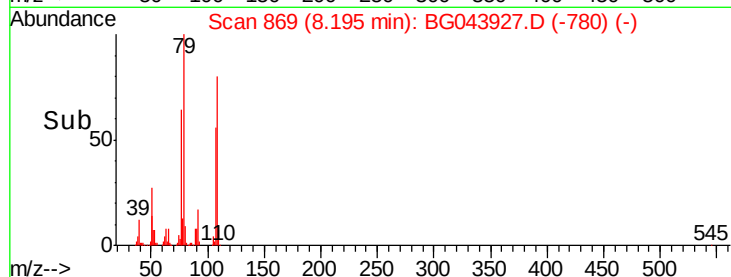
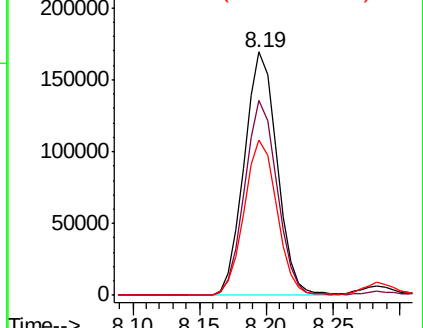
77 63.9 52.0 78.0



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: 36.551 ng

RT: 8.49 min Scan# 920

Delta R.T. -0.00 min

Lab File: BG043927.D

Acq: 6 Jan 2020 11:11

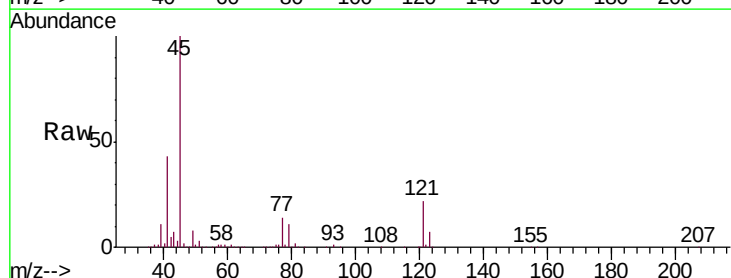
Tgt Ion: 45 Resp: 440268

Ion Ratio Lower Upper

45 100

77 13.6 0.0 33.8

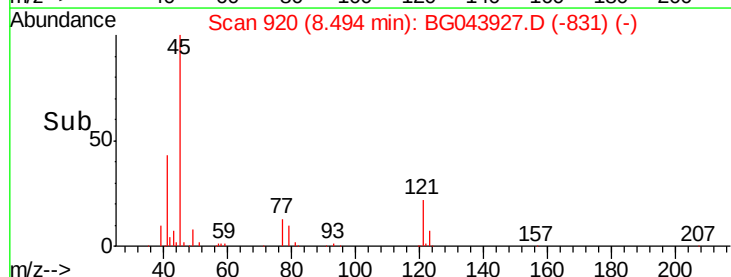
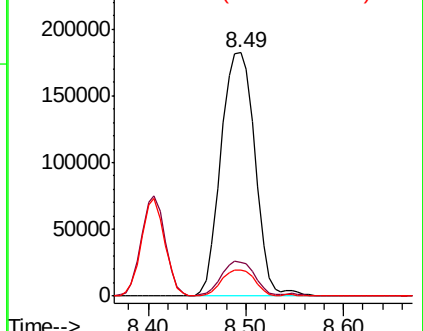
79 10.8 0.0 31.0

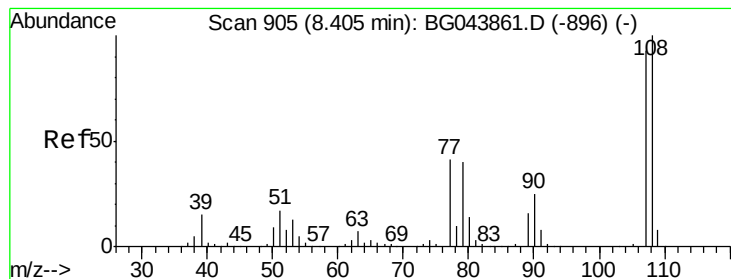


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 44.374 ng

RT: 8.41 min Scan# 905

Delta R.T. 0.00 min

Lab File: BG043927.D

Acq: 6 Jan 2020 11:11

Instrument :

BNA_G

ClientSampleId :

PB125814BS

Tgt Ion:107 Resp: 289635

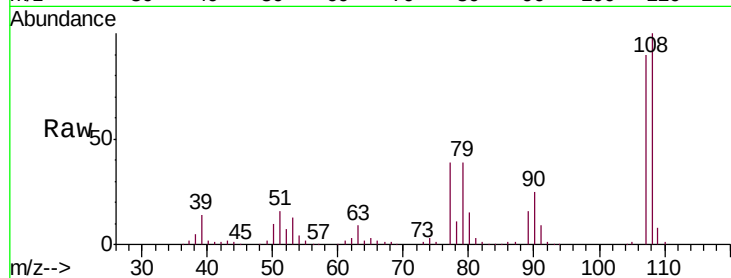
Ion Ratio Lower Upper

107 100

108 111.2 86.1 129.1

77 43.8 35.4 53.0

79 42.9 34.8 52.2

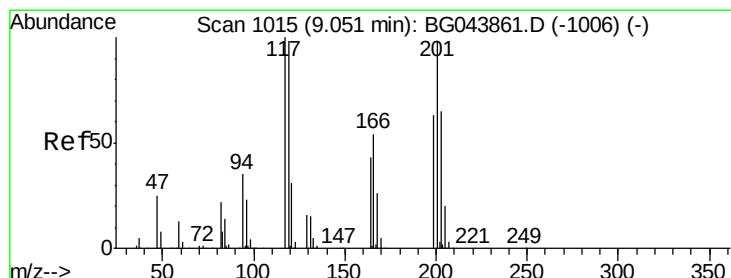
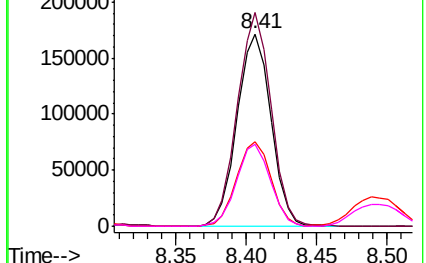
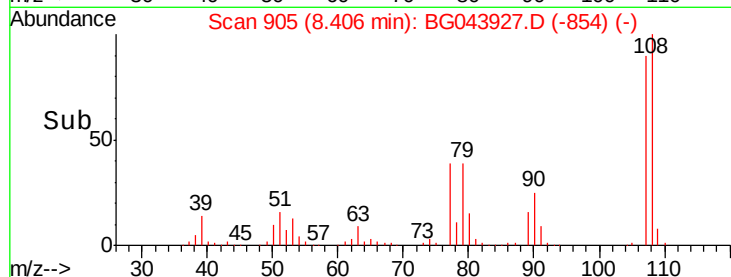


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.685 ng

RT: 9.05 min Scan# 1014

Delta R.T. -0.00 min

Lab File: BG043927.D

Acq: 6 Jan 2020 11:11

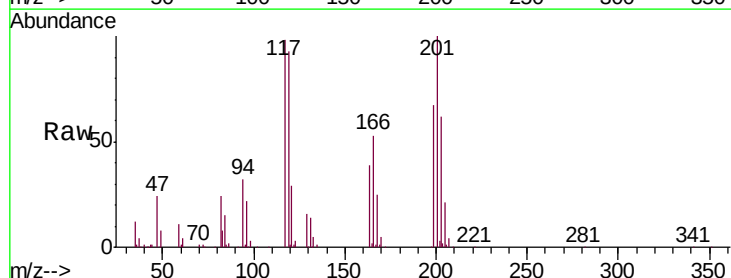
Tgt Ion:117 Resp: 127785

Ion Ratio Lower Upper

117 100

119 94.9 78.1 117.1

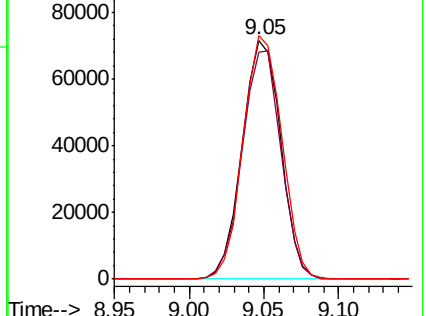
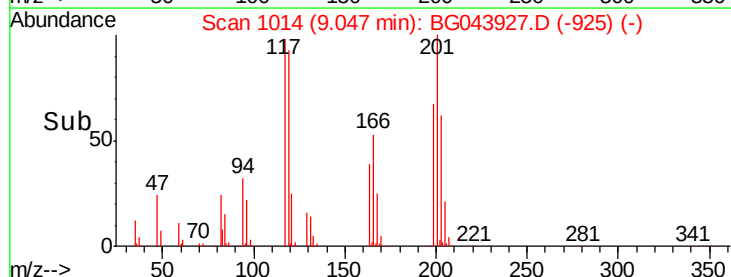
201 101.9 78.6 117.8

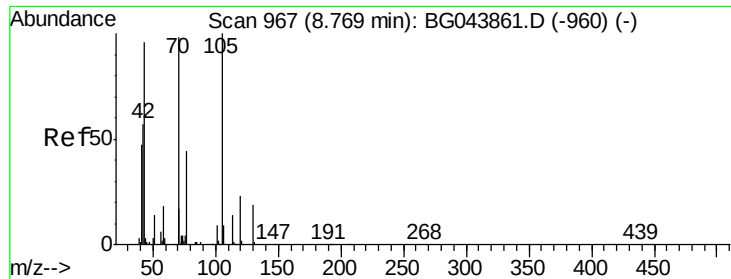


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

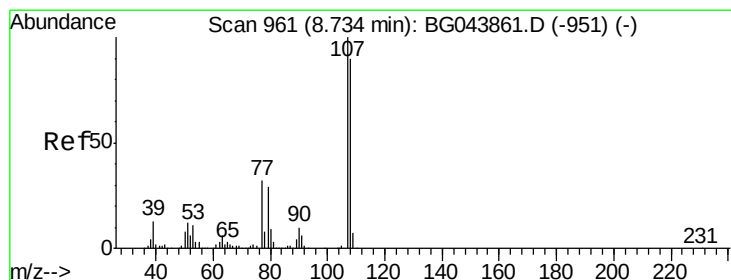
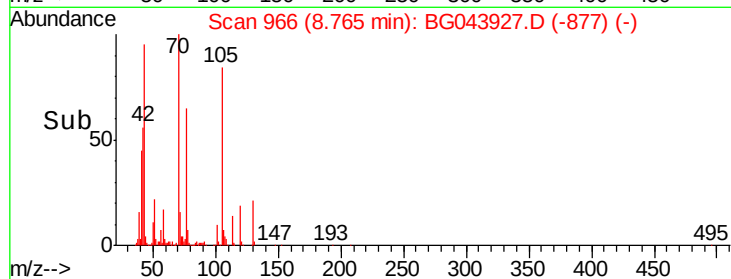
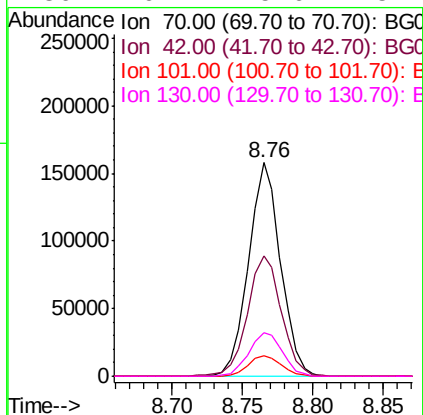
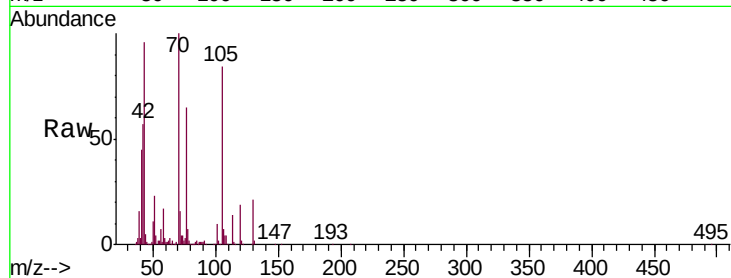




#19
n-Nitroso-di-n-propylamine
Concen: 38.546 ng
RT: 8.76 min Scan# 966
Delta R.T. -0.00 min
Lab File: BG043927.D
Acq: 6 Jan 2020 11:11

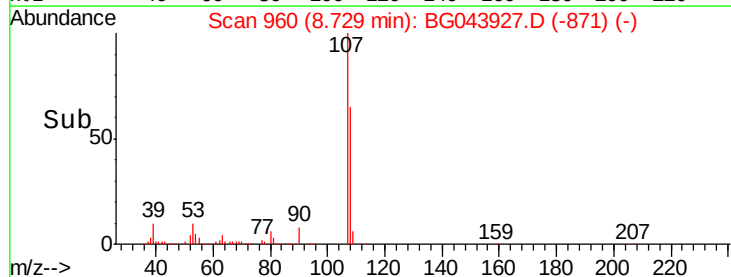
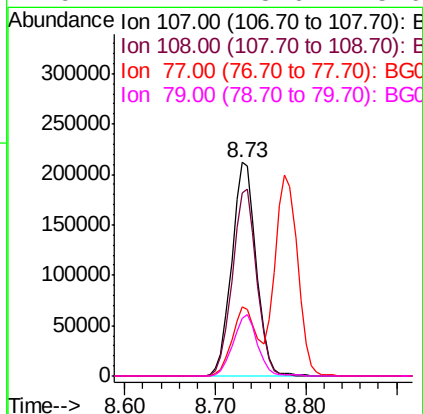
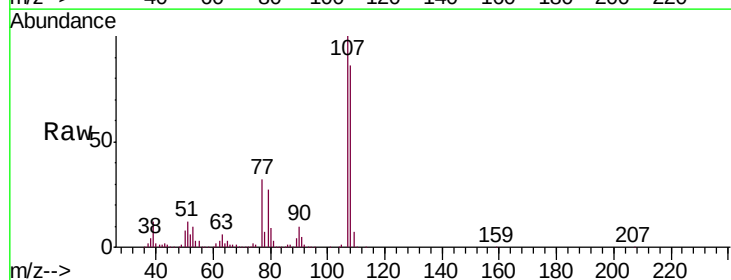
Instrument :
BNA_G
ClientSampleId :
PB125814BS

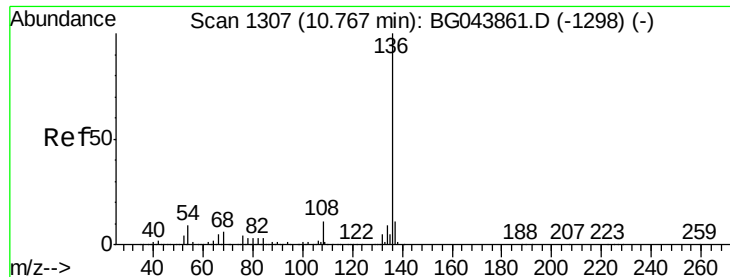
Tgt Ion:	70	Resp:	251299
Ion	Ratio	Lower	Upper
70	100		
42	56.5	47.0	70.4
101	9.8	7.2	10.8
130	20.7	15.6	23.4



#20
3+4-Methylphenols
Concen: 43.834 ng
RT: 8.73 min Scan# 960
Delta R.T. -0.00 min
Lab File: BG043927.D
Acq: 6 Jan 2020 11:11

Tgt Ion:	107	Resp:	399127
Ion	Ratio	Lower	Upper
107	100		
108	85.8	70.3	110.3
77	32.2	12.4	52.4
79	27.1	8.6	48.6

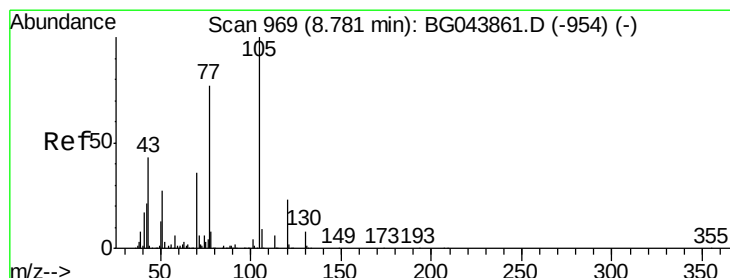
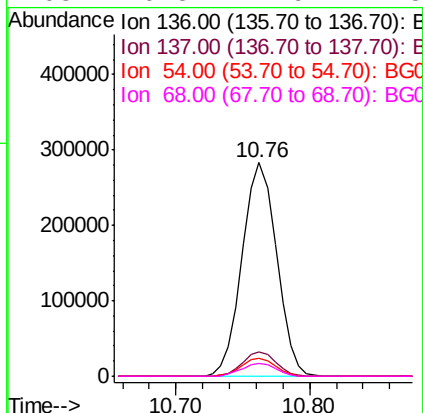
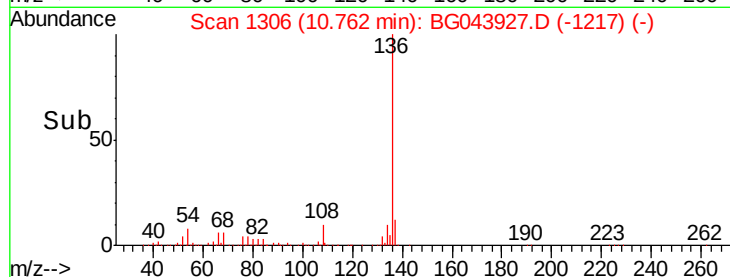
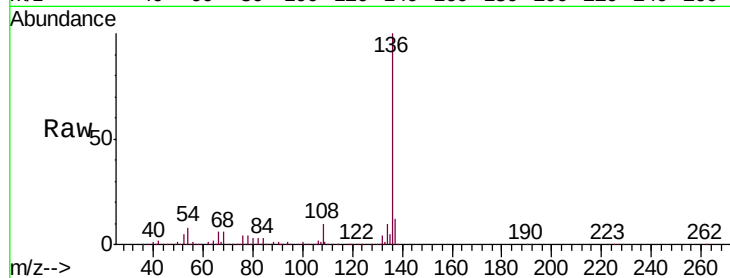




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BG043927.D
Acq: 6 Jan 2020 11:11

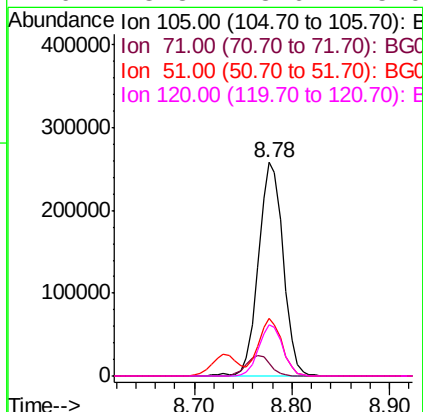
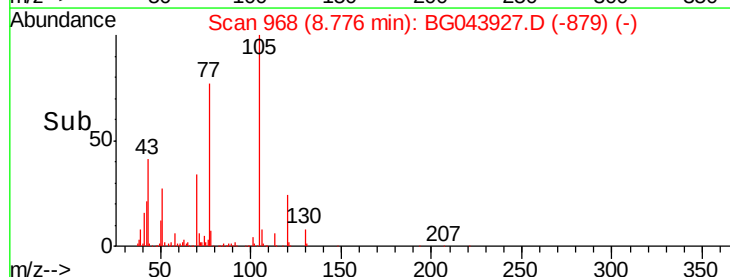
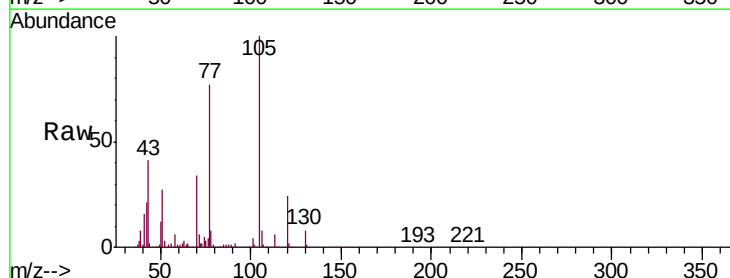
Instrument :
BNA_G
ClientSampleId :
PB125814BS

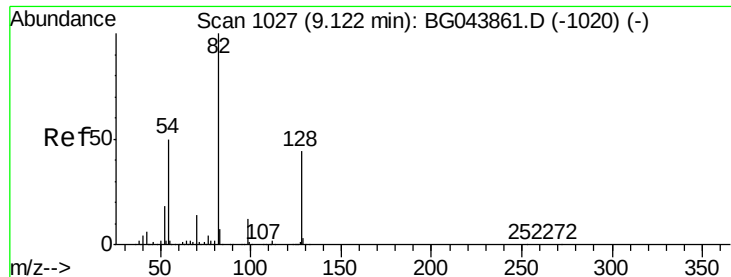
Tgt Ion:	136	Resp:	508111
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.8	13.2
54	8.3	7.0	10.4
68	6.3	4.9	7.3



#22
Acetophenone
Concen: 36.534 ng
RT: 8.78 min Scan# 968
Delta R.T. -0.00 min
Lab File: BG043927.D
Acq: 6 Jan 2020 11:11

Tgt Ion:	105	Resp:	461504
Ion	Ratio	Lower	Upper
105	100		
71	5.9	4.8	7.2
51	27.3	21.4	32.0
120	23.8	18.6	28.0

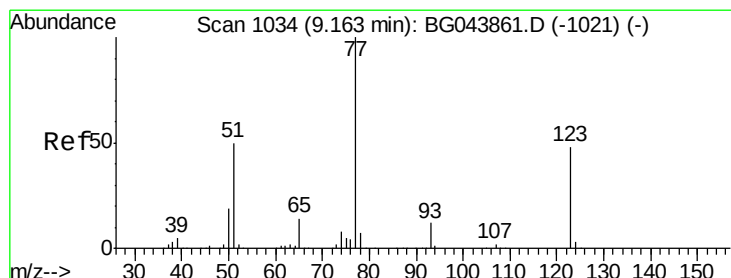
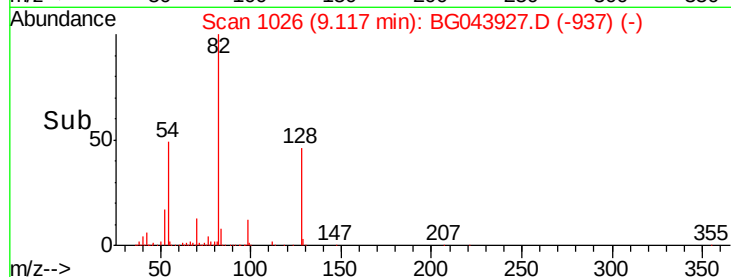
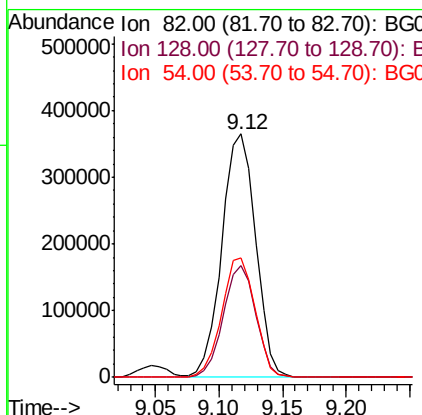
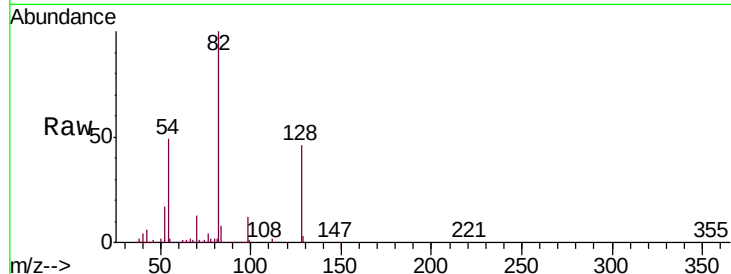




#23
 Nitrobenzene-d5
 Concen: 70.603 ng
 RT: 9.12 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BG043927.D
 Acq: 6 Jan 2020 11:11

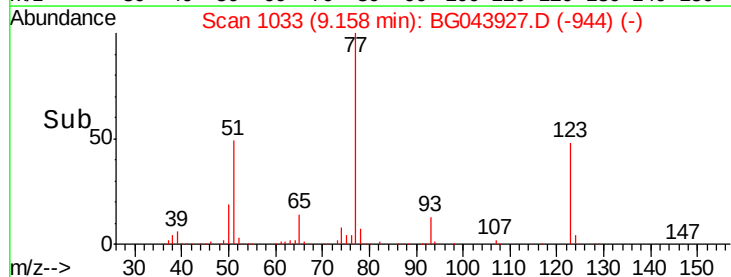
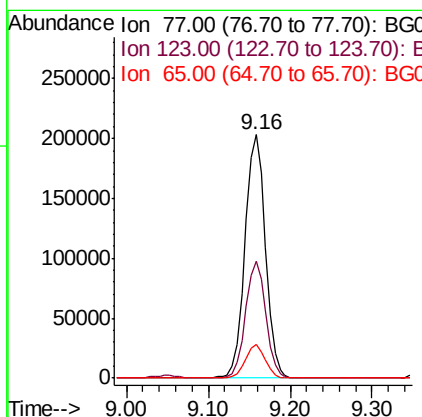
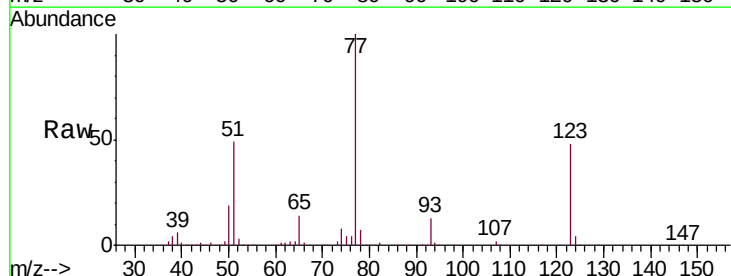
Instrument :
 BNA_G
 ClientSampleId :
 PB125814BS

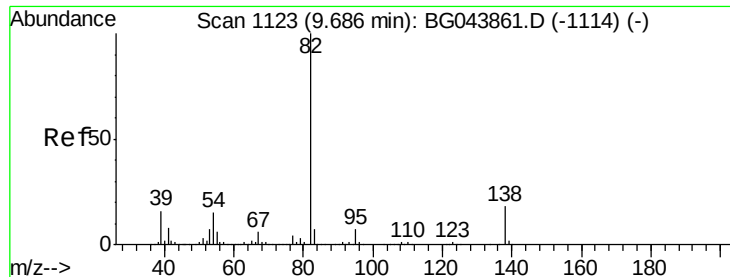
Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.0	35.1	52.7
54	48.9	40.1	60.1



#24
 Nitrobenzene
 Concen: 37.643 ng
 RT: 9.16 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: BG043927.D
 Acq: 6 Jan 2020 11:11

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.9	38.7	58.1
65	13.6	11.1	16.7





#25

Isophorone

Concen: 37.873 ng

RT: 9.68 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BG043927.D

Acq: 6 Jan 2020 11:11

Instrument :

BNA_G

ClientSampleId :

PB125814BS

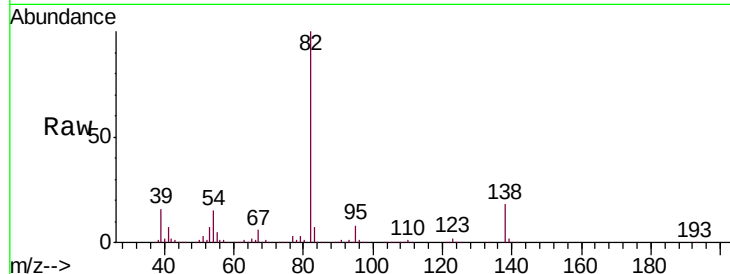
Tgt Ion: 82 Resp: 674877

Ion Ratio Lower Upper

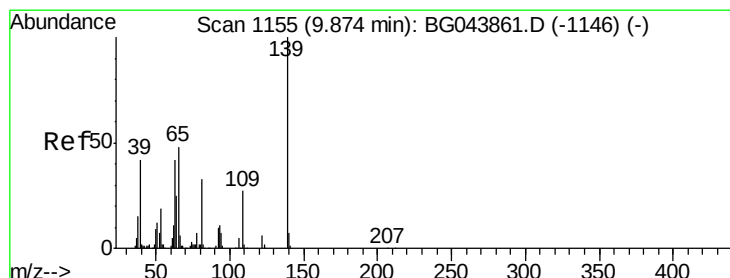
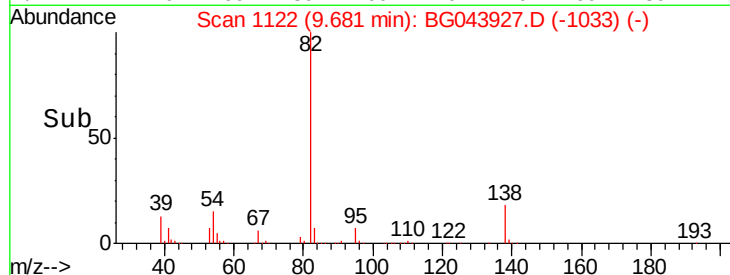
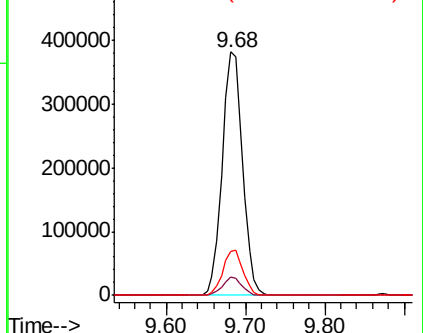
82 100

95 7.5 5.8 8.6

138 18.3 14.6 22.0



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



#26

2-Nitrophenol

Concen: 40.746 ng

RT: 9.87 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BG043927.D

Acq: 6 Jan 2020 11:11

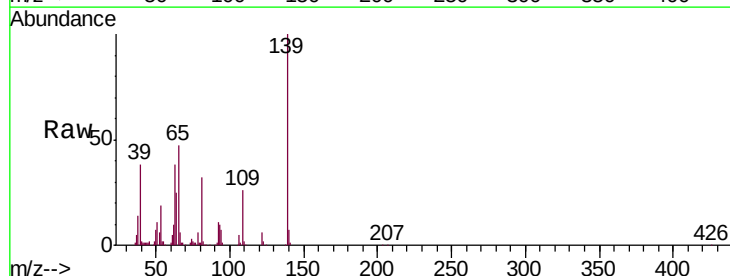
Tgt Ion: 139 Resp: 181349

Ion Ratio Lower Upper

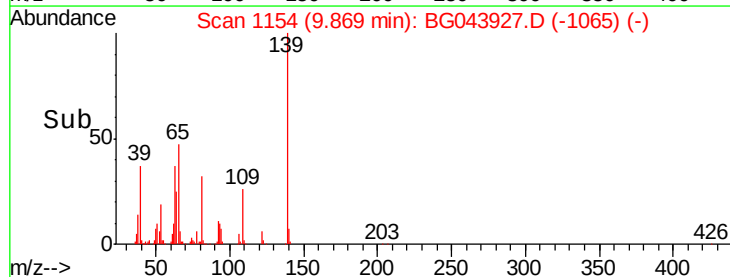
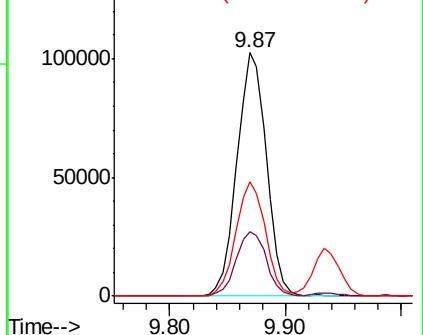
139 100

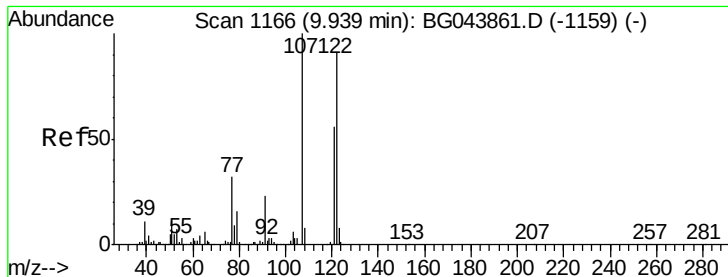
109 26.4 21.3 31.9

65 47.2 38.6 57.8



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

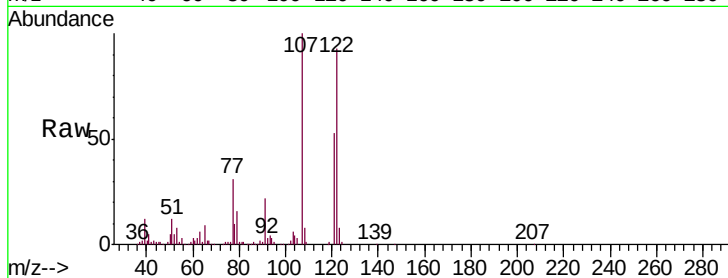




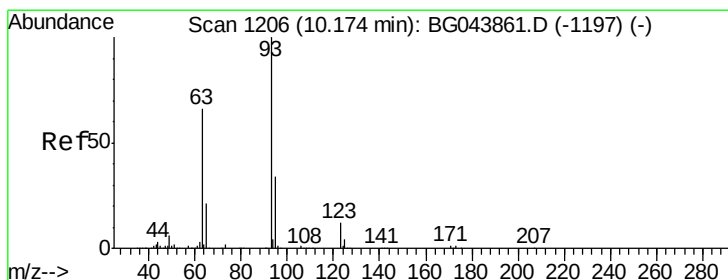
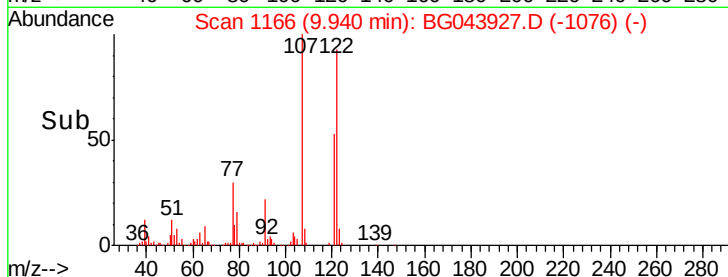
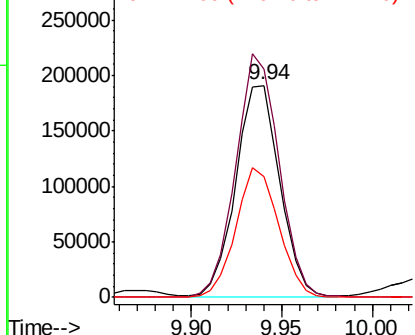
#27
2,4-Dimethylphenol
Concen: 48.214 ng
RT: 9.94 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BG043927.D
Acq: 6 Jan 2020 11:11

Instrument :
BNA_G
ClientSampleId :
PB125814BS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	107.7	88.0	132.0
121	56.9	49.0	73.4

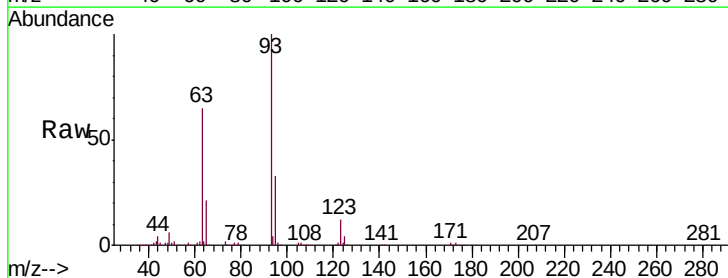


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

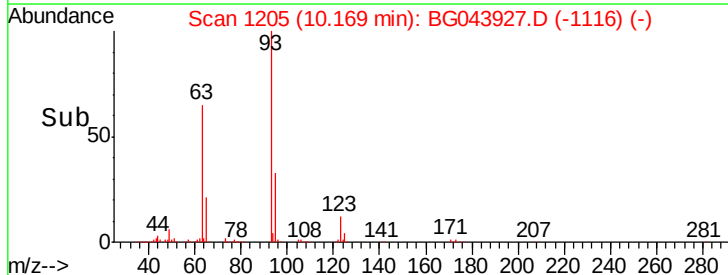
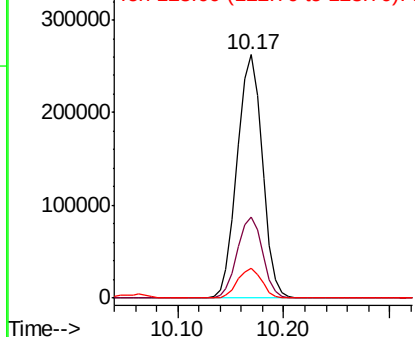


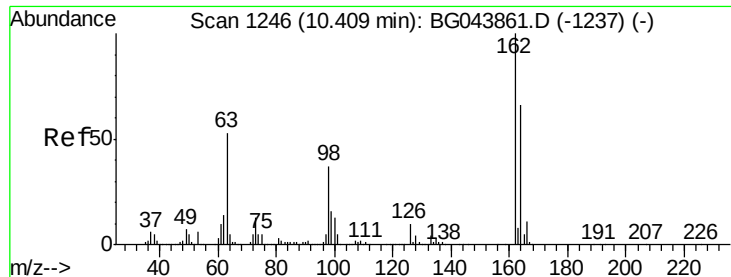
#28
bis(2-Chloroethoxy)methane
Concen: 36.377 ng
RT: 10.17 min Scan# 1205
Delta R.T. -0.00 min
Lab File: BG043927.D
Acq: 6 Jan 2020 11:11

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	27.2	40.8
123	12.0	9.7	14.5



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 123.00 (122.70 to 123.70): E

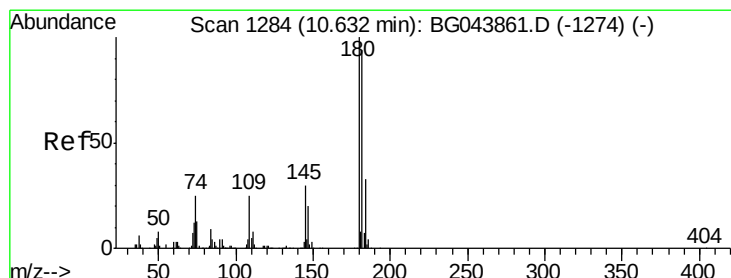
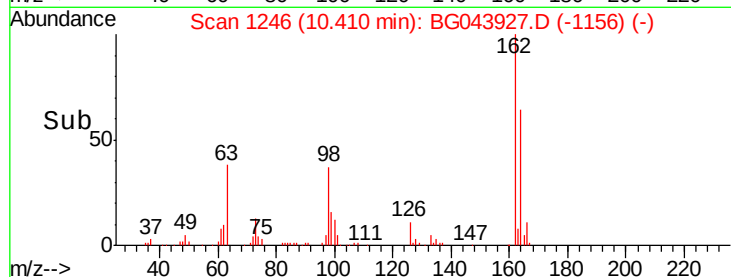
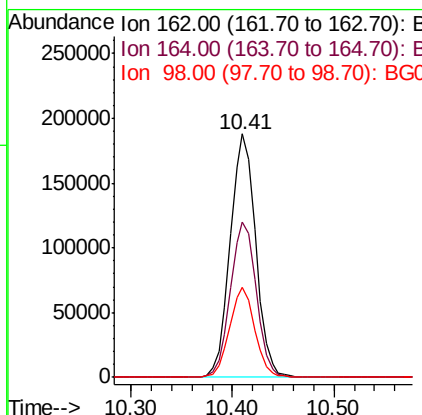
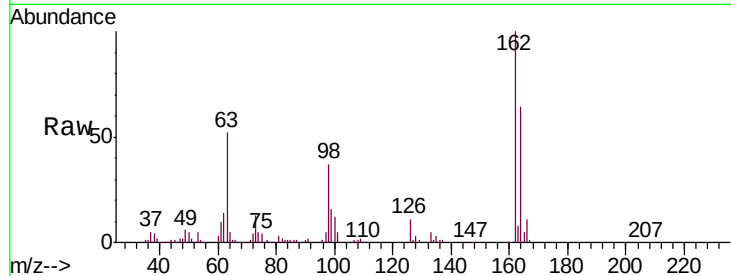




#29
2,4-Dichlorophenol
Concen: 41.075 ng
RT: 10.41 min Scan# 1246
Delta R.T. 0.00 min
Lab File: BG043927.D
Acq: 6 Jan 2020 11:11

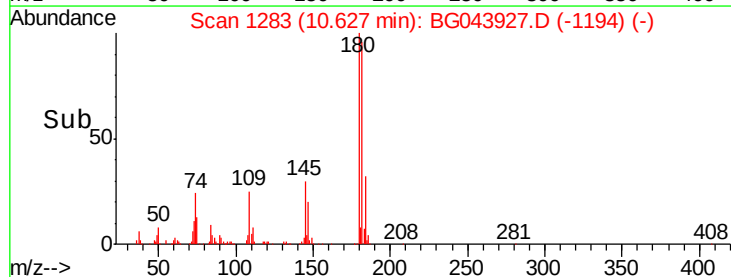
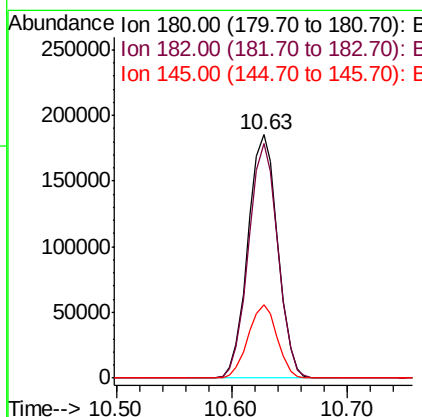
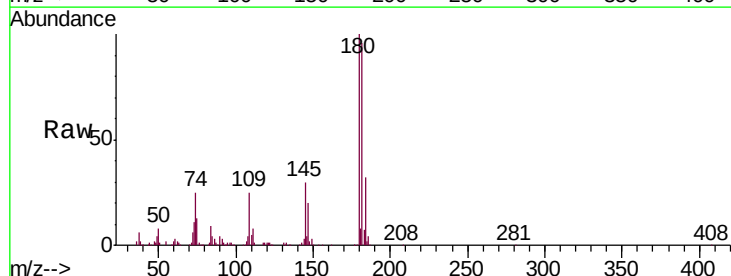
Instrument :
BNA_G
ClientSampleId :
PB125814BS

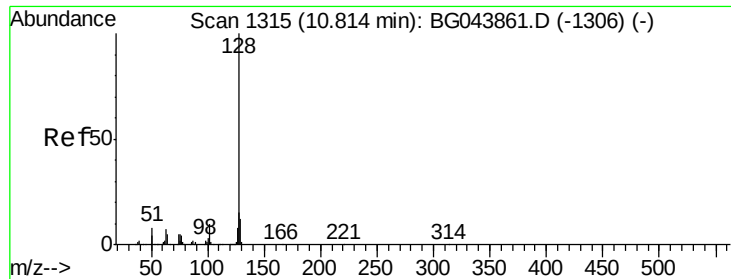
Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.5	46.3	86.3
98	37.0	17.3	57.3



#30
1,2,4-Trichlorobenzene
Concen: 37.142 ng
RT: 10.63 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BG043927.D
Acq: 6 Jan 2020 11:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	75.0	112.4
145	29.9	24.2	36.4

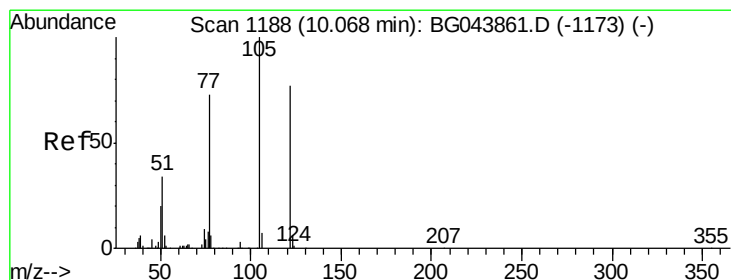
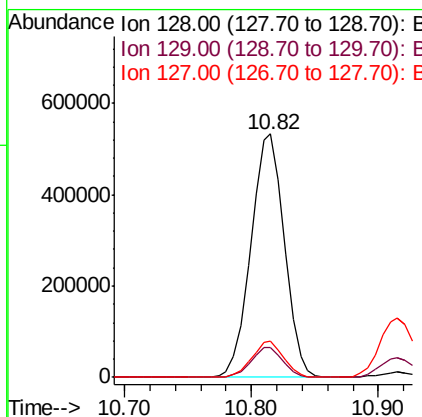
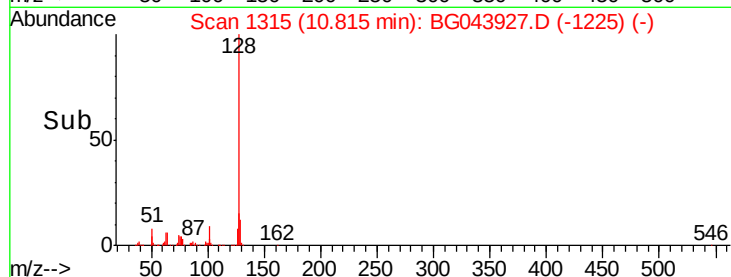
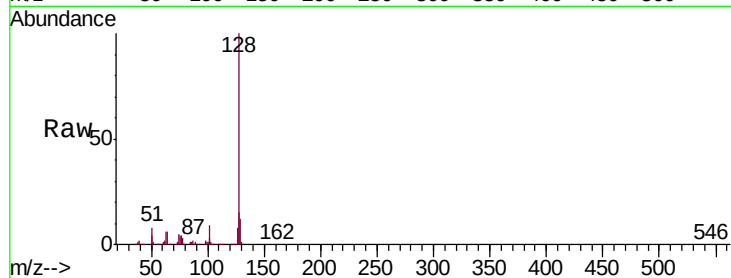




#31
Naphthalene
Concen: 39.736 ng
RT: 10.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BG043927.D
Acq: 6 Jan 2020 11:11

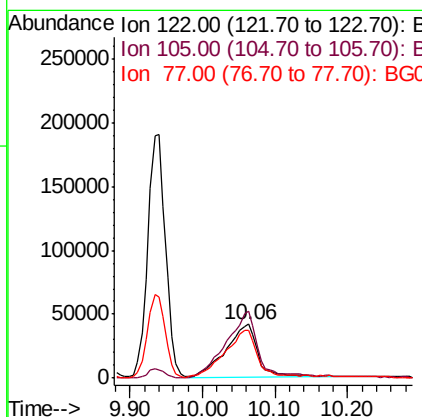
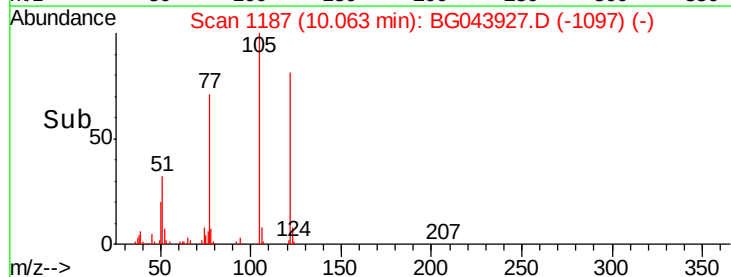
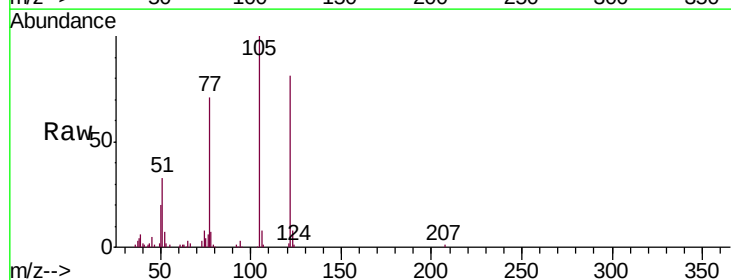
Instrument :
BNA_G
ClientSampleId :
PB125814BS

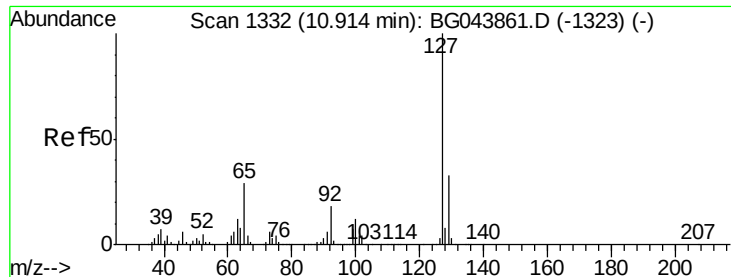
Tgt Ion:128 Resp: 977044
Ion Ratio Lower Upper
128 100
129 12.1 9.8 14.6
127 14.6 12.0 18.0



#32
Benzoic acid
Concen: 26.707 ng
RT: 10.06 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BG043927.D
Acq: 6 Jan 2020 11:11

Tgt Ion:122 Resp: 128284
Ion Ratio Lower Upper
122 100
105 123.7 106.4 146.4
77 87.7 74.6 114.6

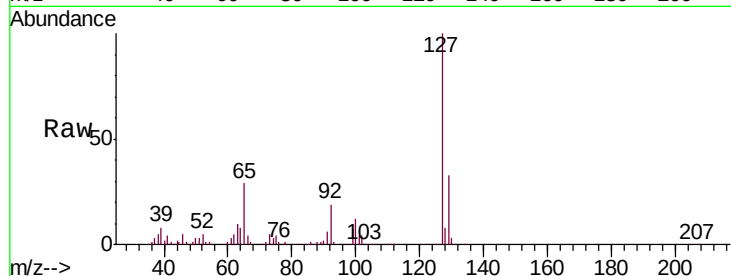




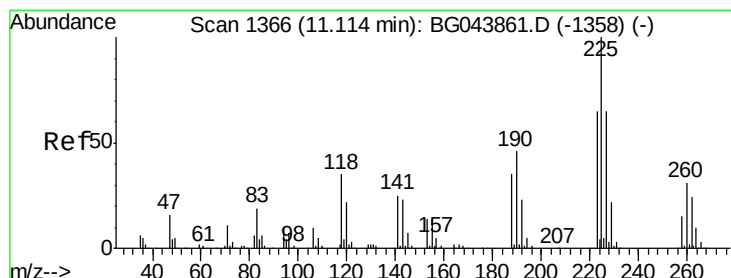
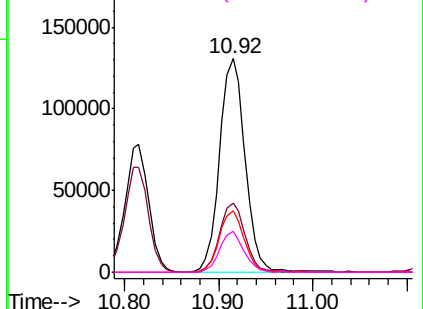
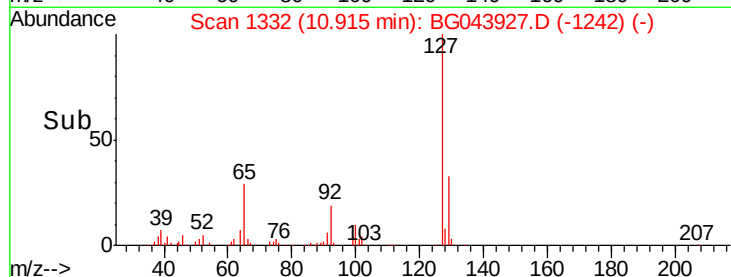
#33
4-Chloroaniline
Concen: 21.191 ng
RT: 10.92 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BG043927.D
Acq: 6 Jan 2020 11:11

Instrument :
BNA_G
ClientSampleId :
PB125814BS

Tgt Ion:	127	Resp:	248521
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.6	40.0
65	28.8	23.3	34.9
92	19.0	14.7	22.1

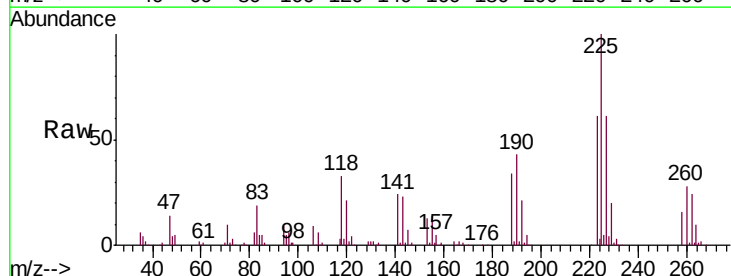


Abundance Ion 127.00 (126.70 to 127.70): E
200000
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

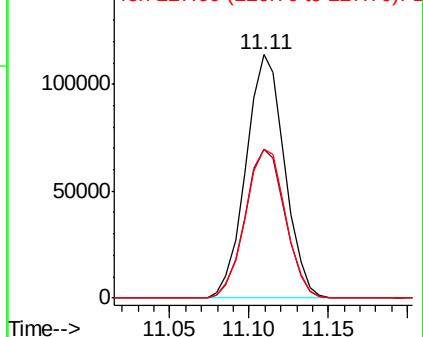
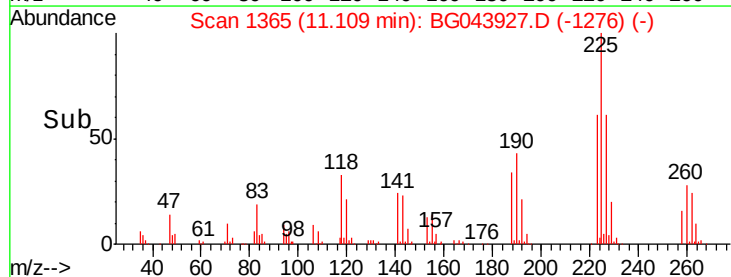


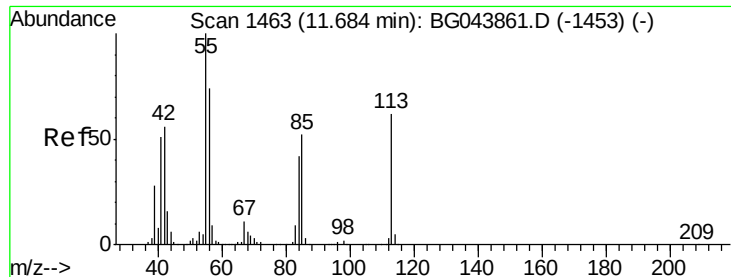
#34
Hexachlorobutadiene
Concen: 35.180 ng
RT: 11.11 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BG043927.D
Acq: 6 Jan 2020 11:11

Tgt Ion:	225	Resp:	192464
Ion	Ratio	Lower	Upper
225	100		
223	61.0	52.2	78.4
227	61.4	52.1	78.1



Abundance Ion 225.00 (224.70 to 225.70): E
150000
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 29.281 ng

RT: 11.68 min Scan# 1462

Delta R.T. -0.00 min

Lab File: BG043927.D

Acq: 6 Jan 2020 11:11

Instrument :

BNA_G

ClientSampleId :

PB125814BS

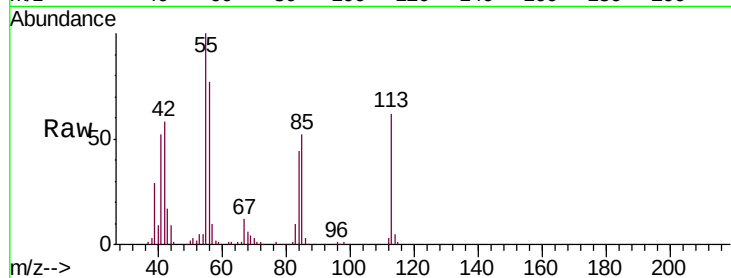
Tgt Ion:113 Resp: 87111

Ion Ratio Lower Upper

113 100

55 161.2 142.5 182.5

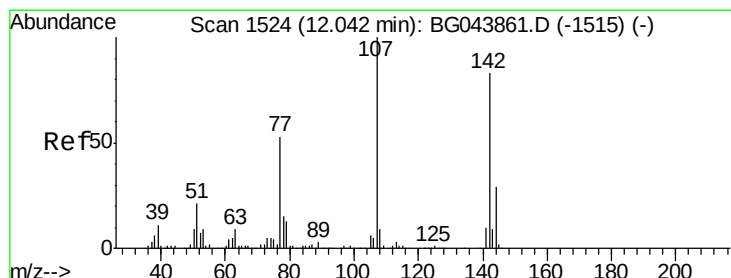
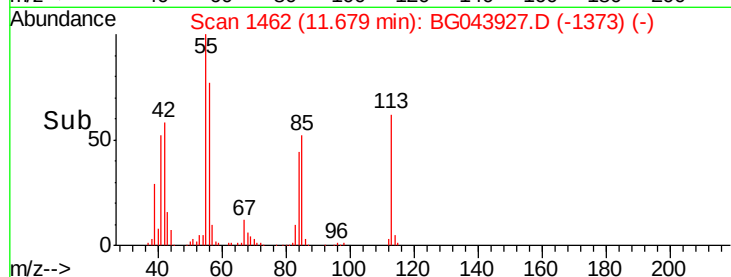
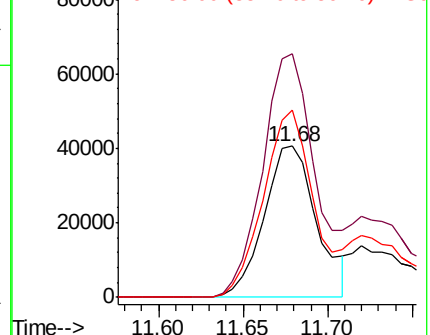
56 123.7 101.4 141.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG043861.D (-1453) (-)

Ion 56.00 (55.70 to 56.70): BG043861.D (-1453) (-)



#36

4-Chloro-3-methylphenol

Concen: 41.478 ng

RT: 12.04 min Scan# 1524

Delta R.T. 0.00 min

Lab File: BG043927.D

Acq: 6 Jan 2020 11:11

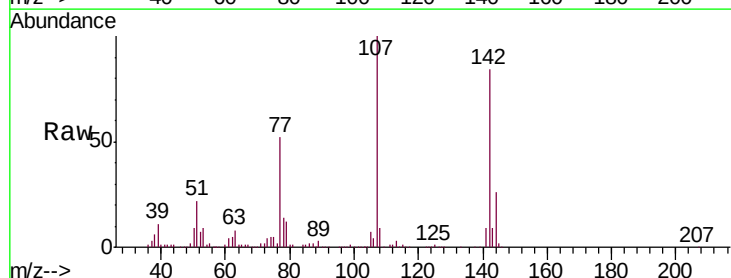
Tgt Ion:107 Resp: 352866

Ion Ratio Lower Upper

107 100

144 26.4 23.4 35.2

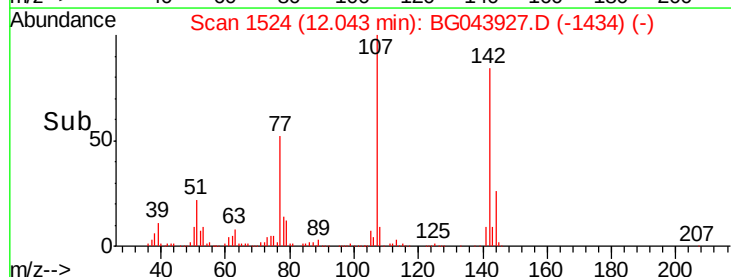
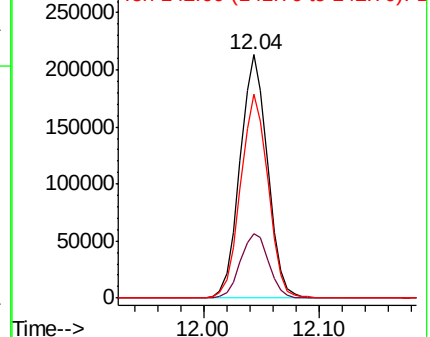
142 83.5 66.3 99.5

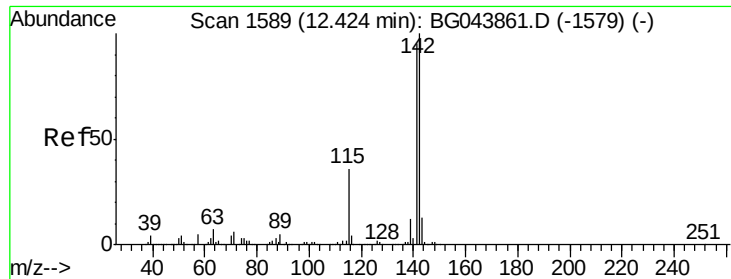


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

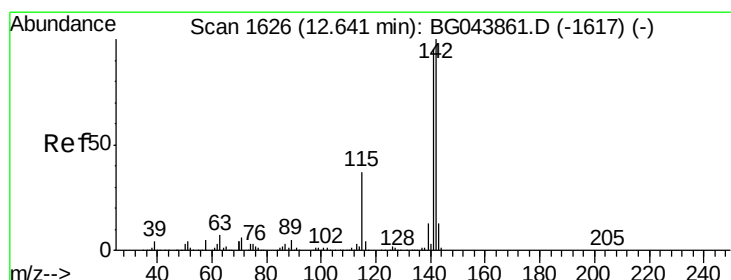
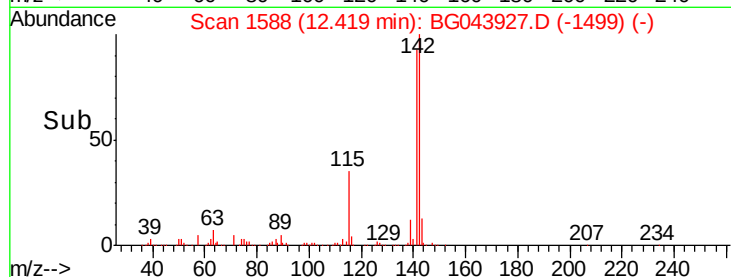
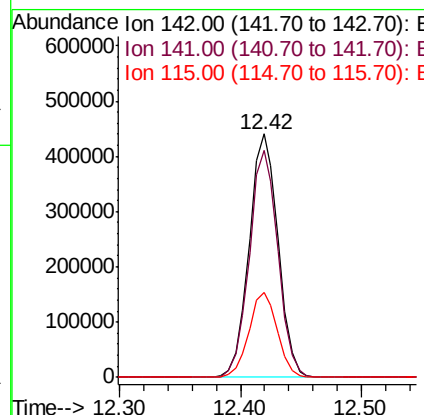
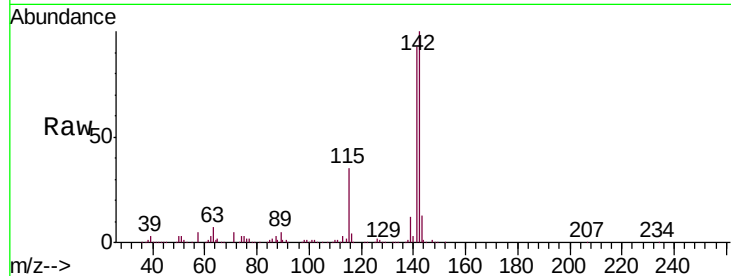




#37
 2-Methylnaphthalene
 Concen: 39.526 ng
 RT: 12.42 min Scan# 1588
 Delta R.T. -0.00 min
 Lab File: BG043927.D
 Acq: 6 Jan 2020 11:11

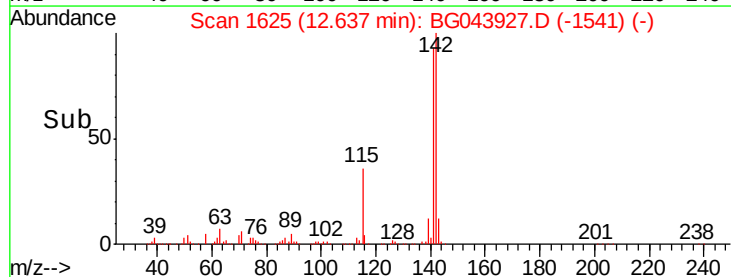
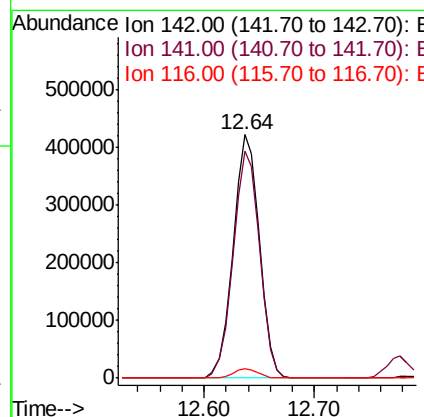
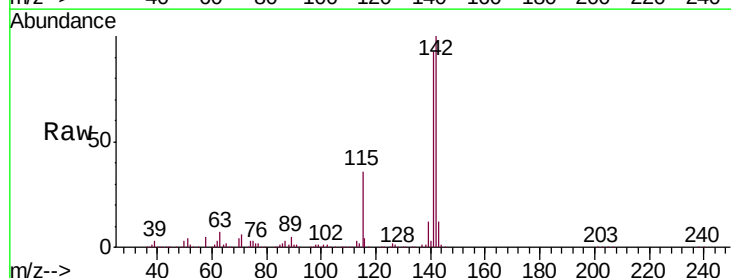
Instrument :
 BNA_G
 ClientSampleId :
 PB125814BS

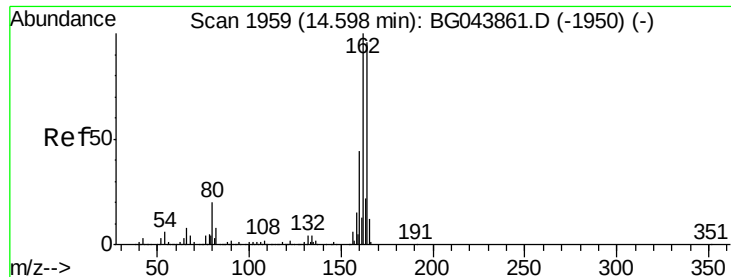
Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.0	75.8	113.8
115	34.7	28.6	42.8



#38
 1-Methylnaphthalene
 Concen: 40.046 ng
 RT: 12.64 min Scan# 1625
 Delta R.T. -0.00 min
 Lab File: BG043927.D
 Acq: 6 Jan 2020 11:11

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.3	76.0	114.0
116	3.8	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BG043927.D

Acq: 6 Jan 2020 11:11

Instrument :

BNA_G

ClientSampleId :

PB125814BS

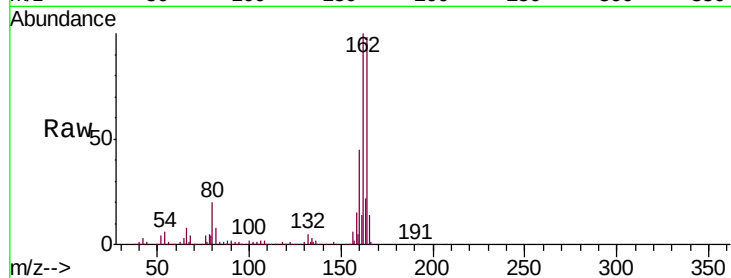
Tgt Ion:164 Resp: 342692

Ion Ratio Lower Upper

164 100

162 102.3 83.0 124.4

160 45.9 36.1 54.1

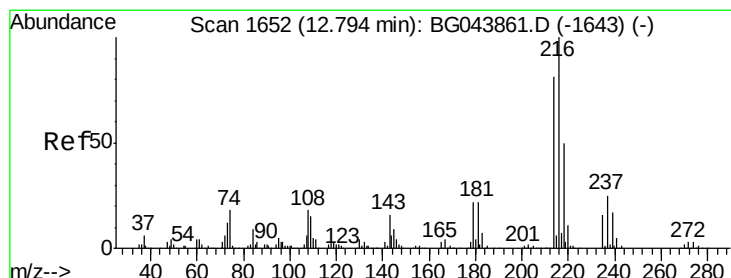
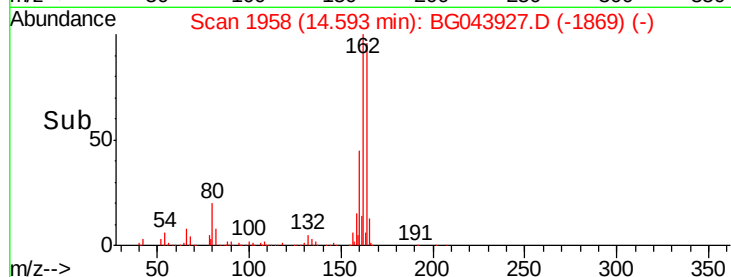
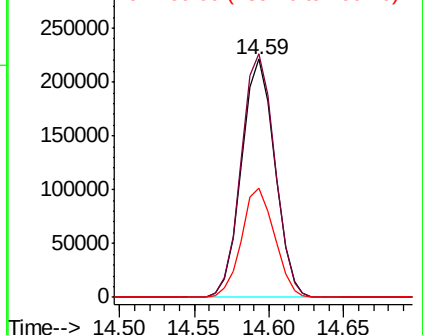


Abundance

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: 34.205 ng

RT: 12.79 min Scan# 1651

Delta R.T. -0.00 min

Lab File: BG043927.D

Acq: 6 Jan 2020 11:11

Tgt Ion:216 Resp: 343570

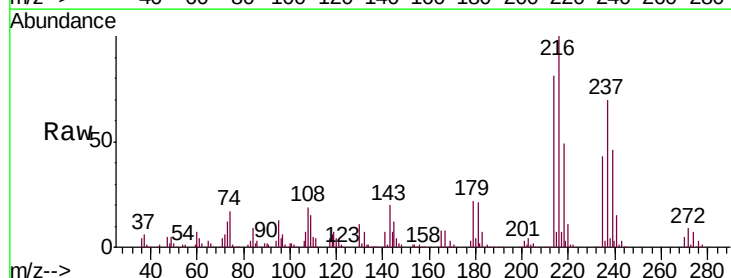
Ion Ratio Lower Upper

216 100

214 80.0 63.8 95.8

179 21.6 17.3 25.9

108 21.5 15.3 22.9



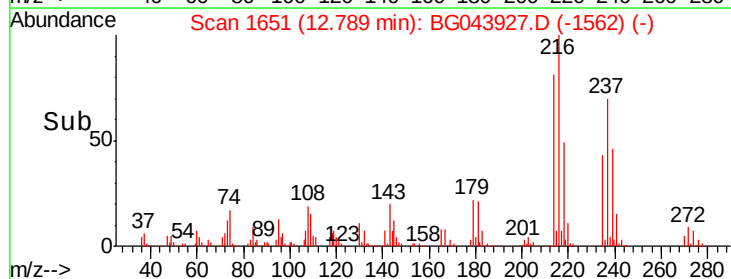
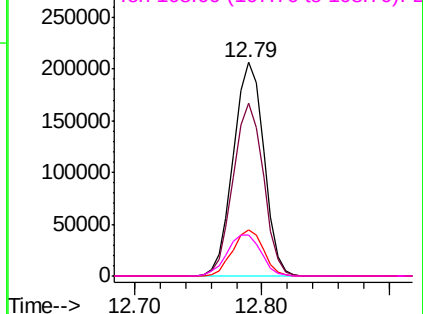
Abundance

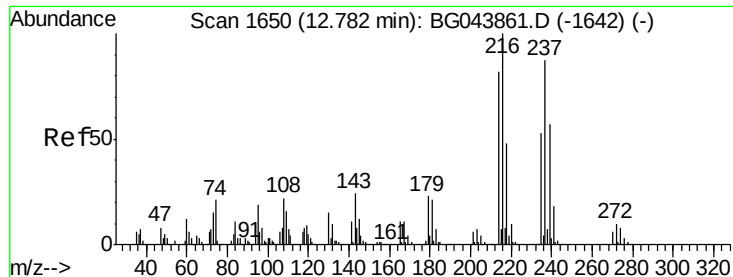
Ion 216.00 (215.70 to 216.70): E

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: 87.748 ng

RT: 12.78 min Scan# 1649

Delta R.T. -0.00 min

Lab File: BG043927.D

Acq: 6 Jan 2020 11:11

Instrument :

BNA_G

ClientSampleId :

PB125814BS

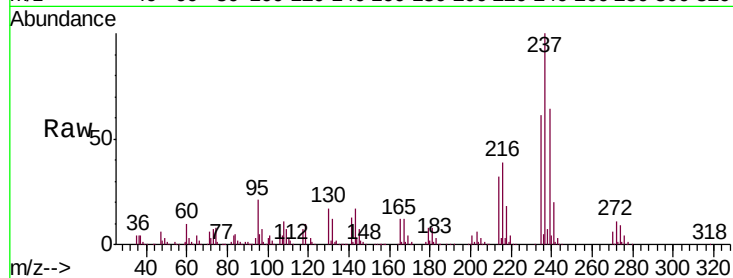
Tgt Ion:237 Resp: 456935

Ion Ratio Lower Upper

237 100

235 61.4 41.1 81.1

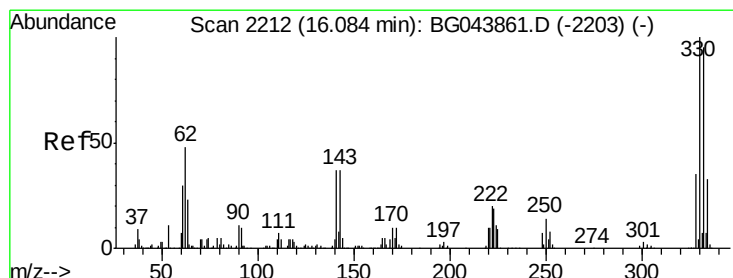
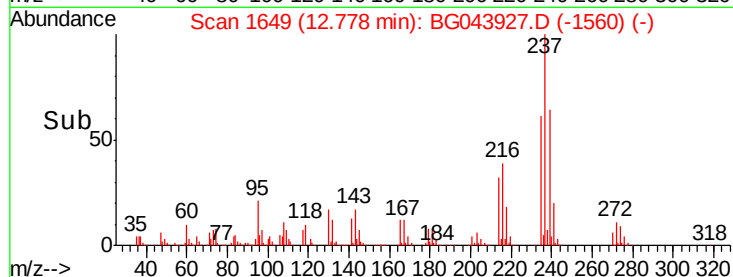
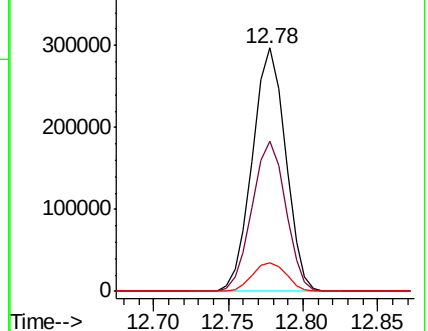
272 11.5 0.0 31.7



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: 113.265 ng

RT: 16.08 min Scan# 2211

Delta R.T. -0.00 min

Lab File: BG043927.D

Acq: 6 Jan 2020 11:11

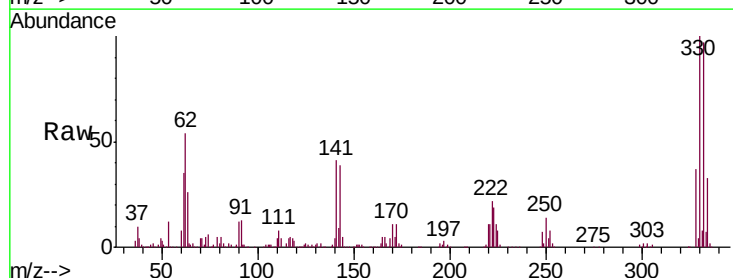
Tgt Ion:330 Resp: 406192

Ion Ratio Lower Upper

330 100

332 94.9 77.2 115.8

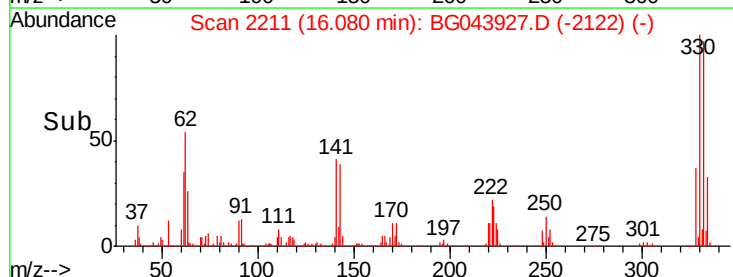
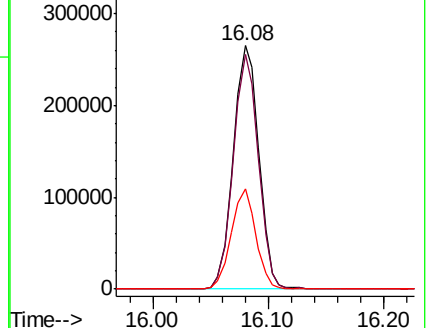
141 39.6 33.1 49.7

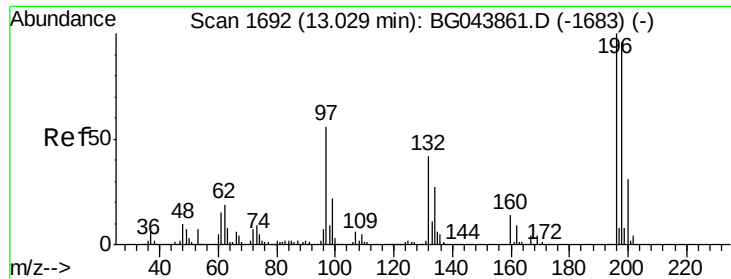


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 38.099 ng

RT: 13.02 min Scan# 1691

Delta R.T. -0.00 min

Lab File: BG043927.D

Acq: 6 Jan 2020 11:11

Instrument :

BNA_G

ClientSampleId :

PB125814BS

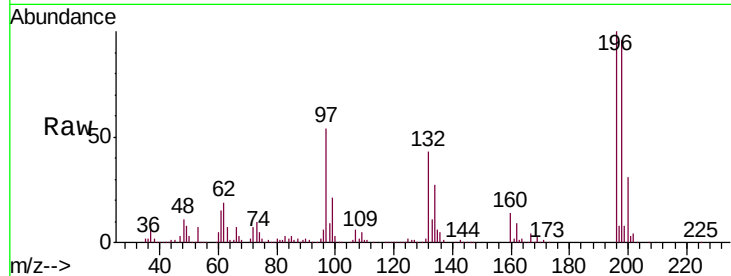
Tgt Ion:196 Resp: 263316

Ion Ratio Lower Upper

196 100

198 95.6 76.6 115.0

200 31.3 24.6 37.0

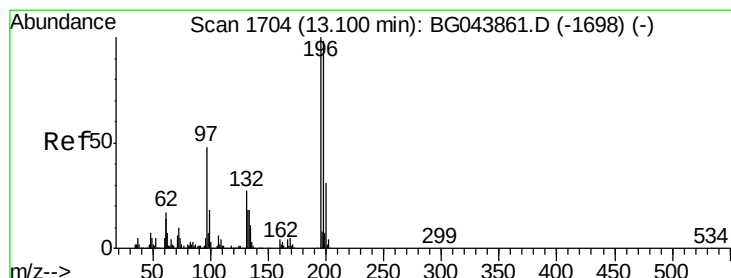
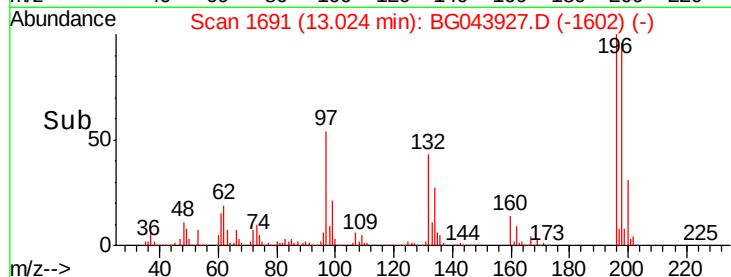
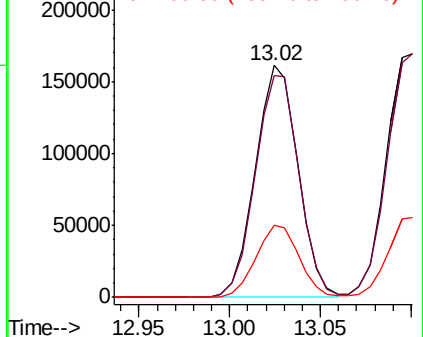


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 40.353 ng

RT: 13.10 min Scan# 1704

Delta R.T. 0.00 min

Lab File: BG043927.D

Acq: 6 Jan 2020 11:11

Tgt Ion:196 Resp: 287641

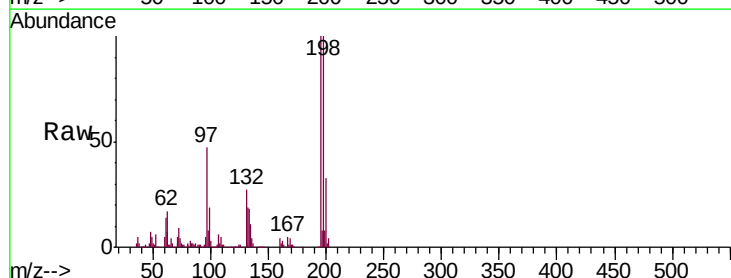
Ion Ratio Lower Upper

196 100

198 100.2 78.3 117.5

97 46.8 38.8 58.2

132 27.3 21.3 31.9



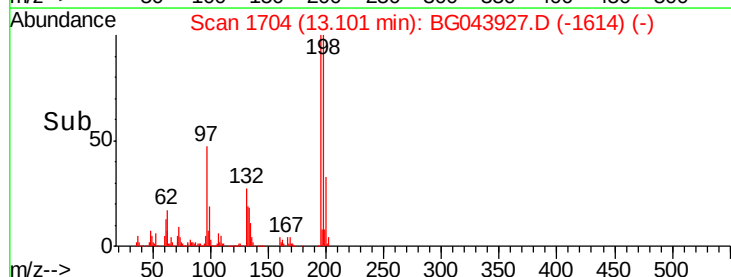
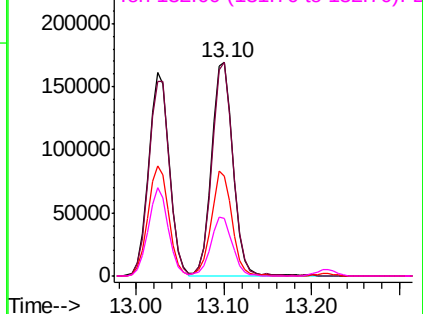
Abundance

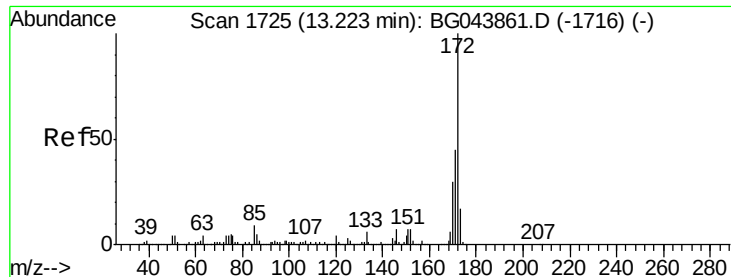
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

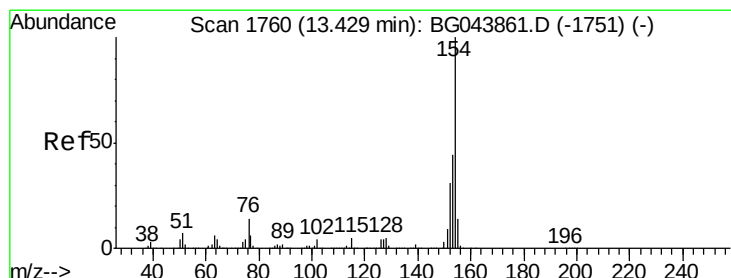
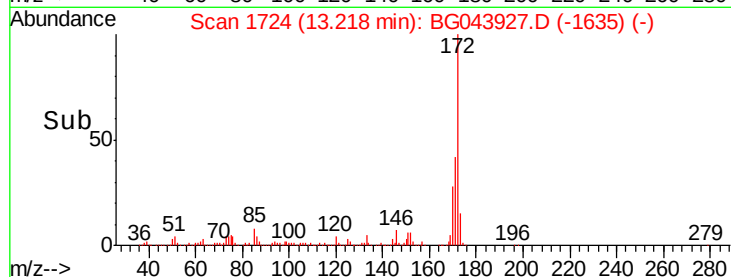
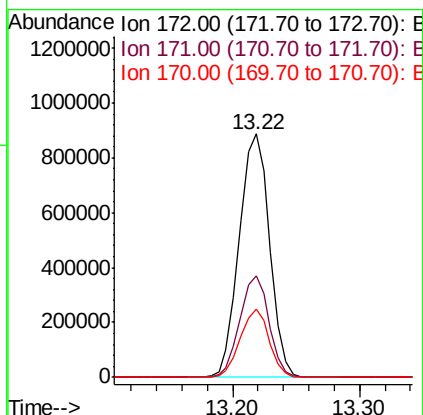
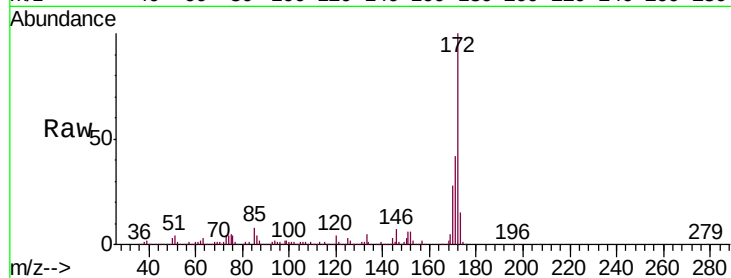




#45
2-Fluorobiphenyl
Concen: 77.648 ng
RT: 13.22 min Scan# 1724
Delta R.T. -0.00 min
Lab File: BG043927.D
Acq: 6 Jan 2020 11:11

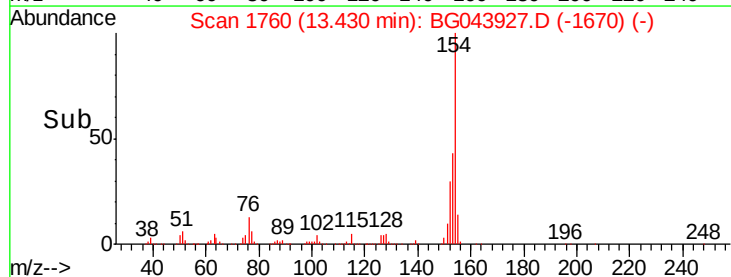
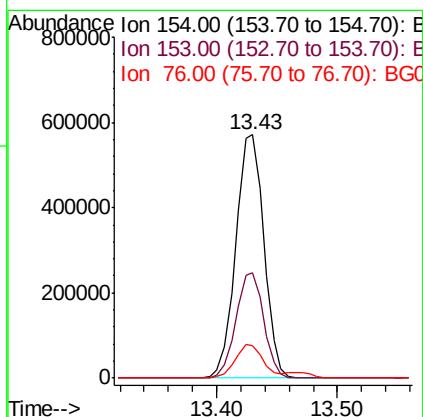
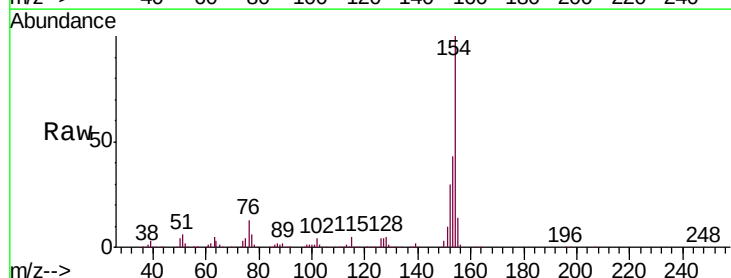
Instrument :
BNA_G
ClientSampleId :
PB125814BS

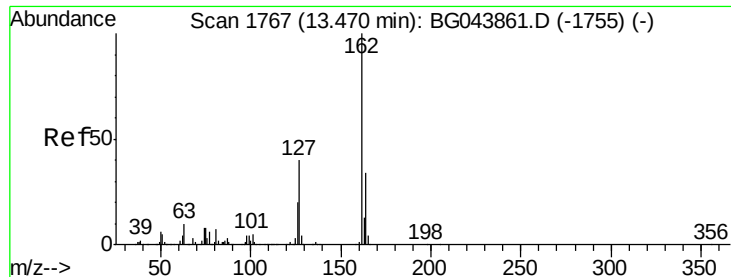
Tgt Ion:172 Resp: 1468686
Ion Ratio Lower Upper
172 100
171 41.7 35.8 53.8
170 27.9 24.2 36.4



#46
1,1'-Biphenyl
Concen: 37.720 ng
RT: 13.43 min Scan# 1760
Delta R.T. 0.00 min
Lab File: BG043927.D
Acq: 6 Jan 2020 11:11

Tgt Ion:154 Resp: 926788
Ion Ratio Lower Upper
154 100
153 43.4 23.6 63.6
76 13.4 0.0 34.4

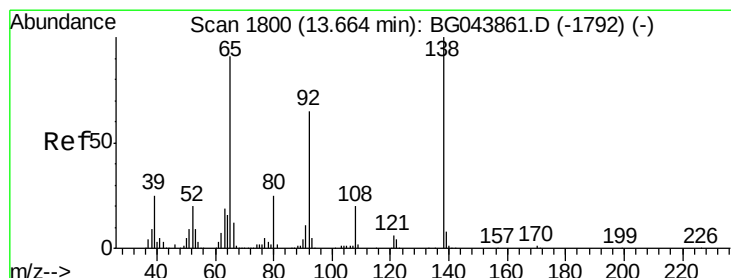
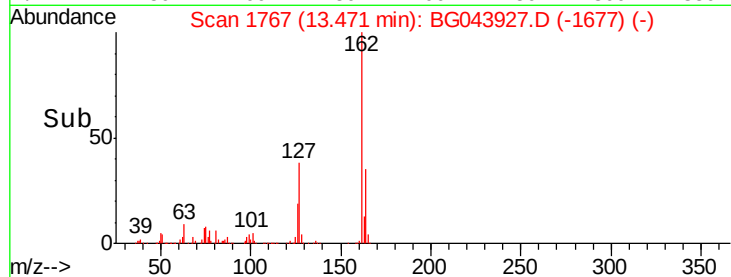
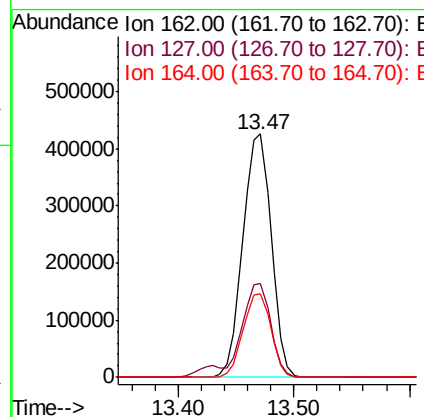
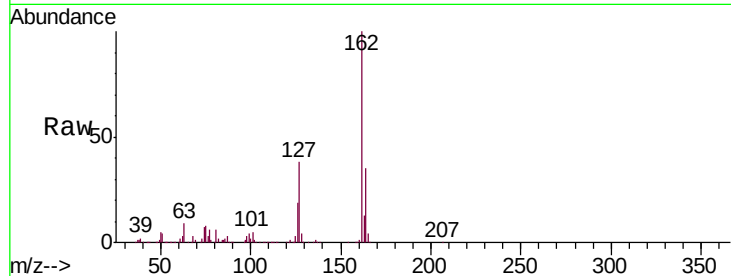




#47
2-Chloronaphthalene
Concen: 36.669 ng
RT: 13.47 min Scan# 1767
Delta R.T. 0.00 min
Lab File: BG043927.D
Acq: 6 Jan 2020 11:11

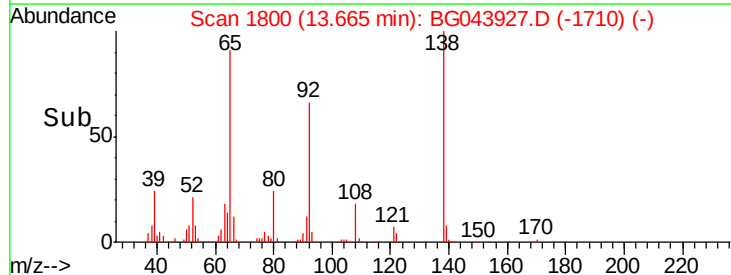
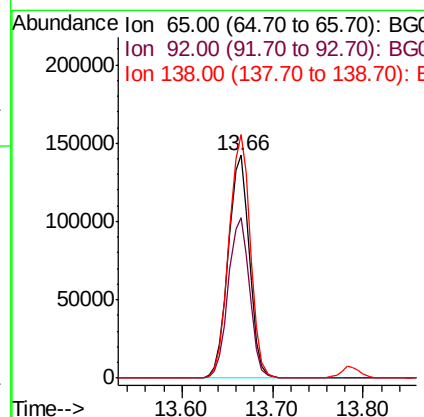
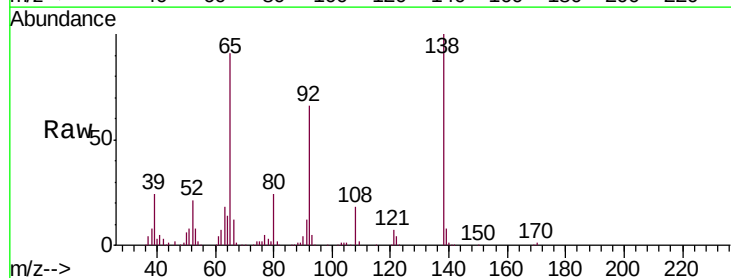
Instrument :
BNA_G
ClientSampleId :
PB125814BS

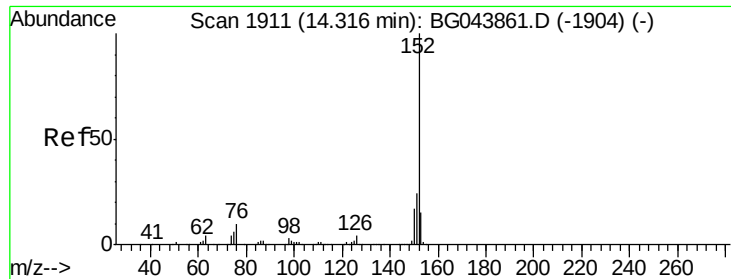
Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.3	32.1	48.1
164	34.5	27.5	41.3



#48
2-Nitroaniline
Concen: 36.104 ng
RT: 13.66 min Scan# 1800
Delta R.T. 0.00 min
Lab File: BG043927.D
Acq: 6 Jan 2020 11:11

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.8	57.4	86.2
138	109.4	88.2	132.4





#49

Acenaphthylene

Concen: 40.027 ng

RT: 14.31 min Scan# 1910

Delta R.T. -0.00 min

Lab File: BG043927.D

Acq: 6 Jan 2020 11:11

Instrument :

BNA_G

ClientSampleId :

PB125814BS

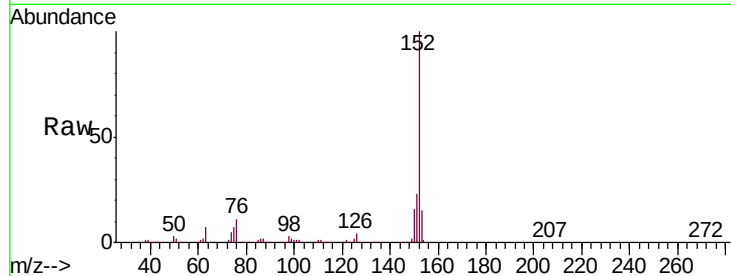
Tgt Ion:152 Resp: 1142246

Ion Ratio Lower Upper

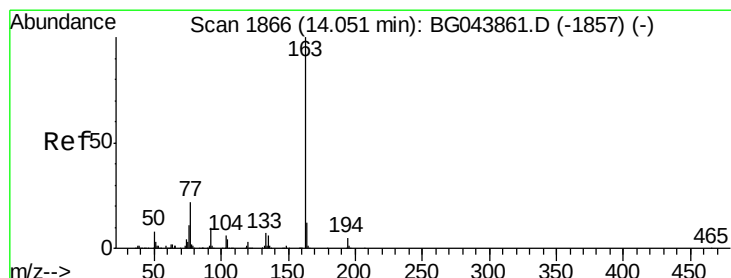
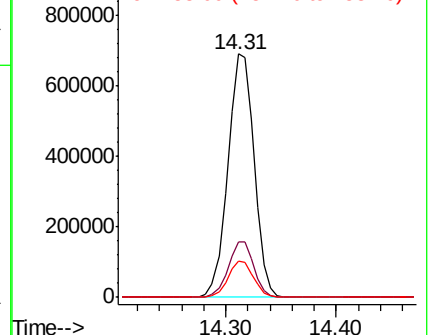
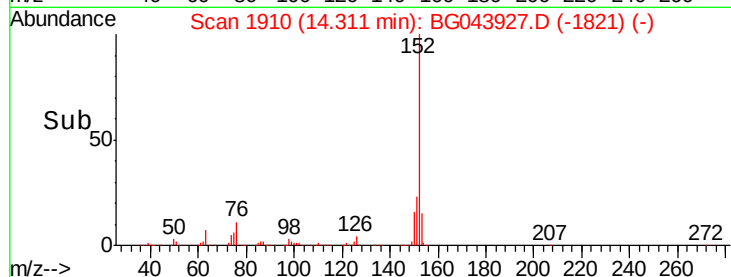
152 100

151 22.9 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: 38.290 ng

RT: 14.05 min Scan# 1865

Delta R.T. -0.00 min

Lab File: BG043927.D

Acq: 6 Jan 2020 11:11

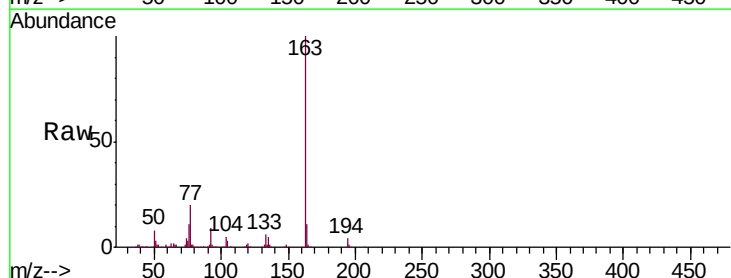
Tgt Ion:163 Resp: 931680

Ion Ratio Lower Upper

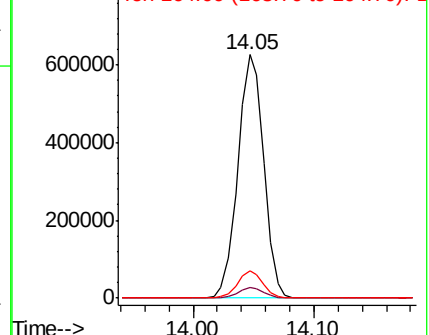
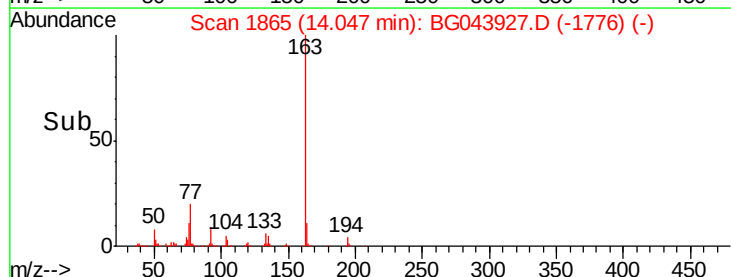
163 100

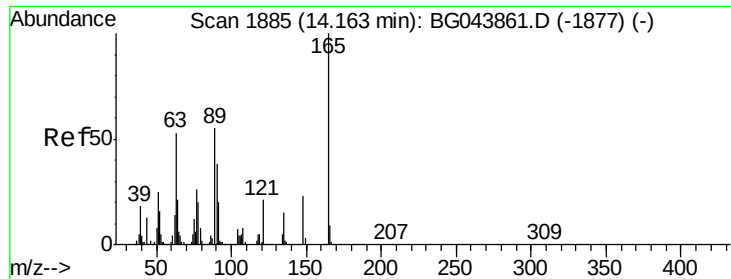
194 4.3 3.7 5.5

164 11.0 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

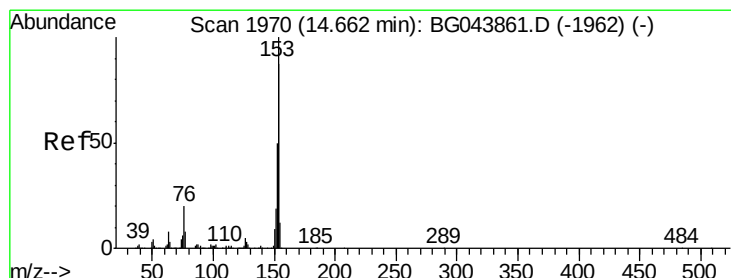
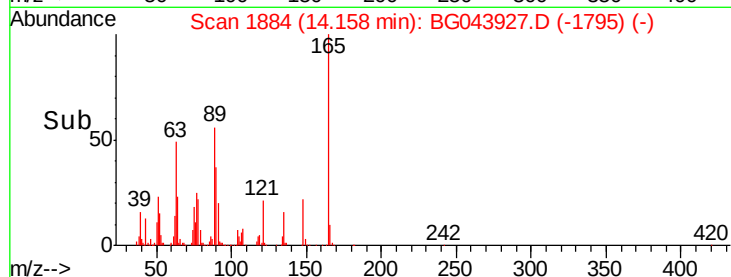
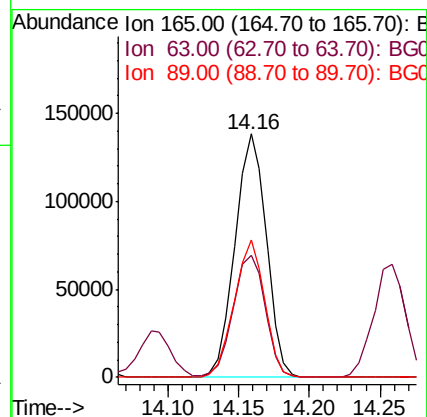
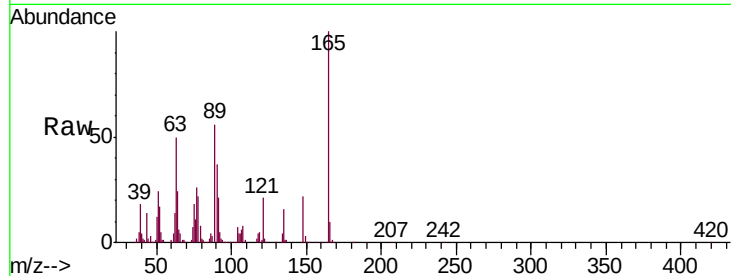




#51
 2,6-Dinitrotoluene
 Concen: 39.009 ng
 RT: 14.16 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: BG043927.D
 Acq: 6 Jan 2020 11:11

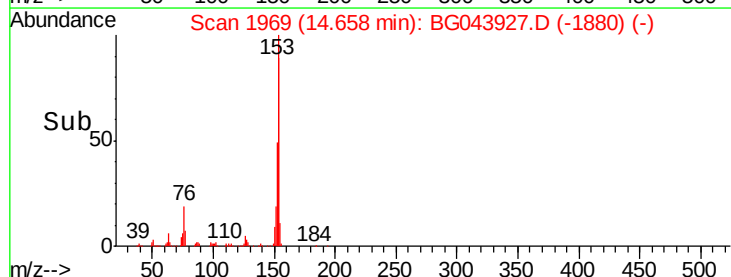
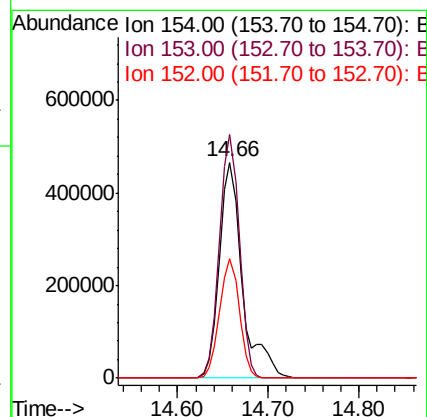
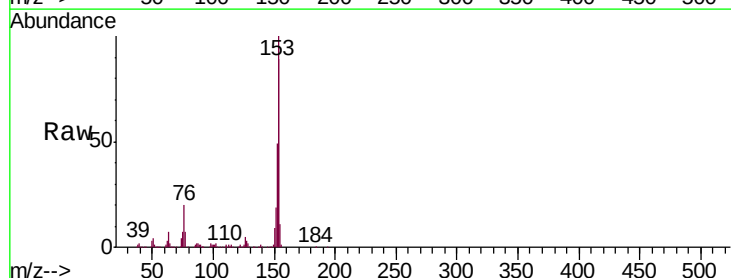
Instrument :
 BNA_G
 ClientSampleId :
 PB125814BS

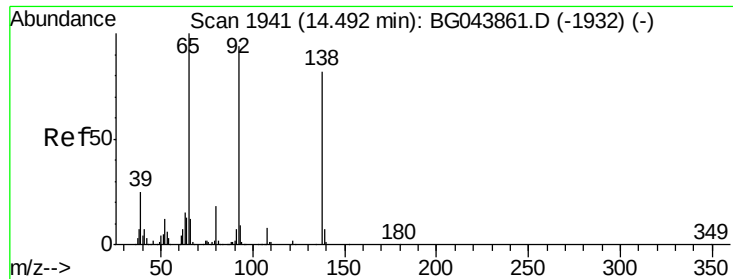
Tgt Ion:165 Resp: 214539
 Ion Ratio Lower Upper
 165 100
 63 49.9 43.1 64.7
 89 56.4 43.8 65.6



#52
 Acenaphthene
 Concen: 41.065 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: BG043927.D
 Acq: 6 Jan 2020 11:11

Tgt Ion:154 Resp: 821815
 Ion Ratio Lower Upper
 154 100
 153 112.7 91.6 137.4
 152 55.6 45.4 68.0

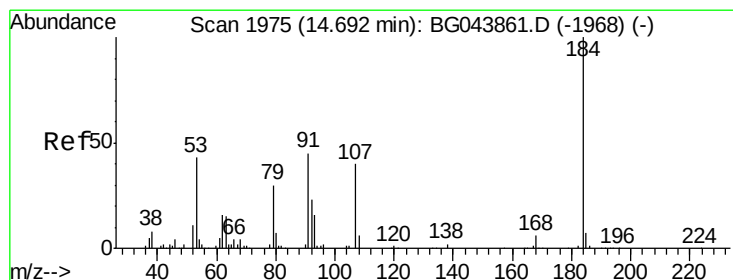
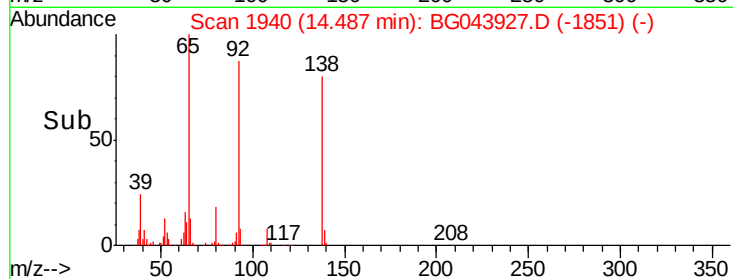
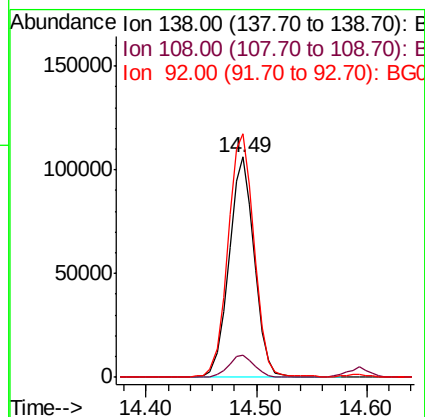
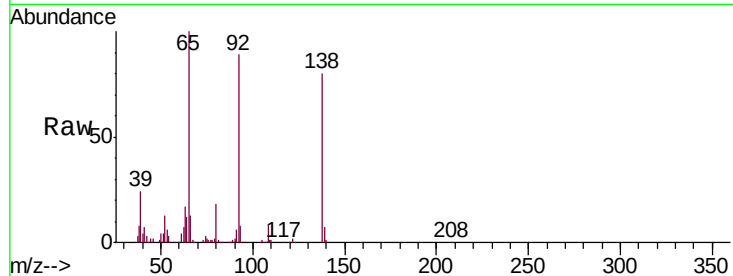




#53
 3-Nitroaniline
 Concen: 27.203 ng
 RT: 14.49 min Scan# 1940
 Delta R.T. -0.00 min
 Lab File: BG043927.D
 Acq: 6 Jan 2020 11:11

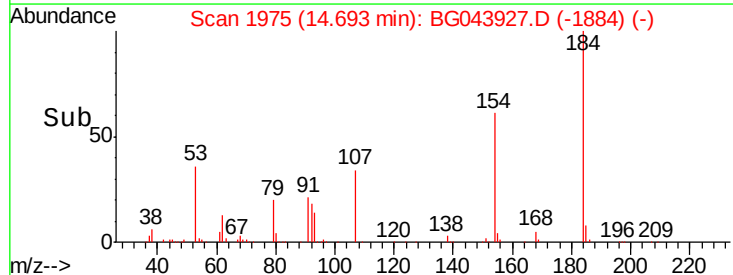
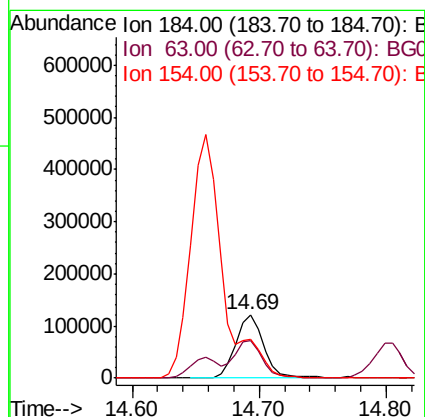
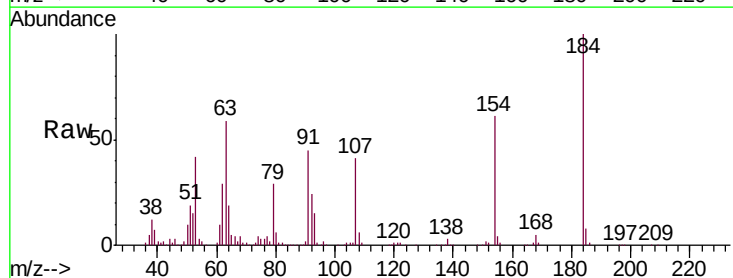
Instrument :
 BNA_G
 ClientSampleId :
 PB125814BS

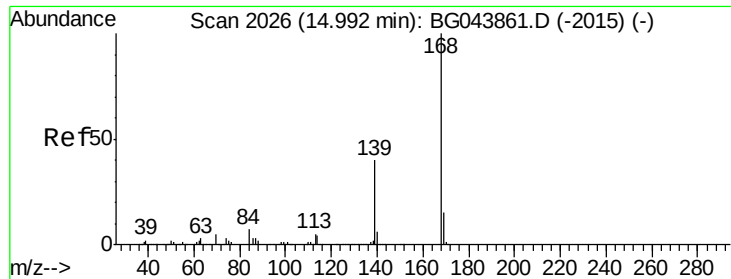
Tgt Ion:138 Resp: 169894
 Ion Ratio Lower Upper
 138 100
 108 10.1 7.4 11.2
 92 110.4 92.1 138.1



#54
 2,4-Dinitrophenol
 Concen: 67.339 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. 0.00 min
 Lab File: BG043927.D
 Acq: 6 Jan 2020 11:11

Tgt Ion:184 Resp: 186063
 Ion Ratio Lower Upper
 184 100
 63 59.3 46.6 70.0
 154 60.7 50.2 75.4

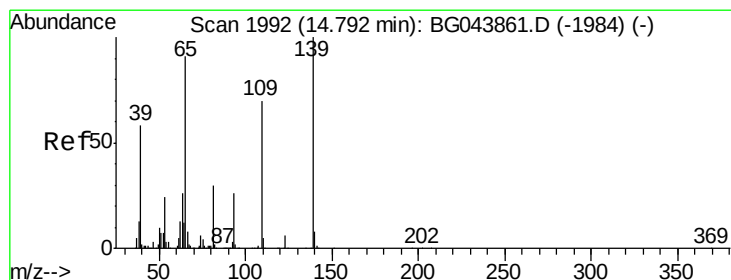
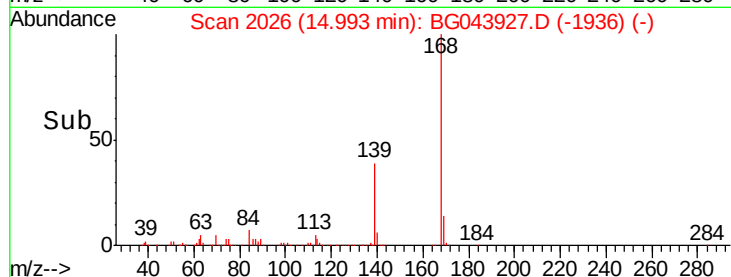
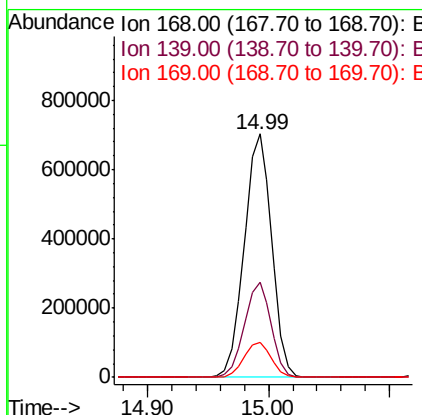
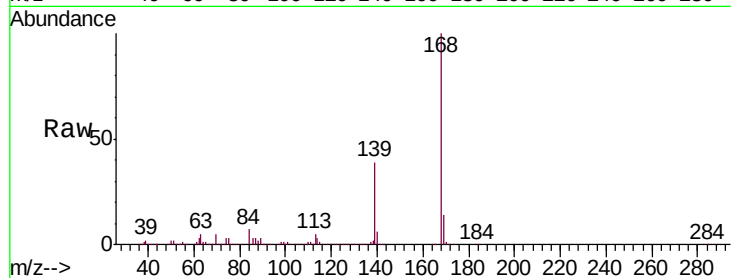




#55
Dibenzenofuran
Concen: 40.237 ng
RT: 14.99 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BG043927.D
Acq: 6 Jan 2020 11:11

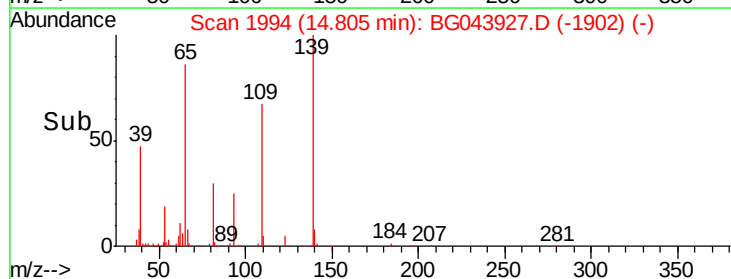
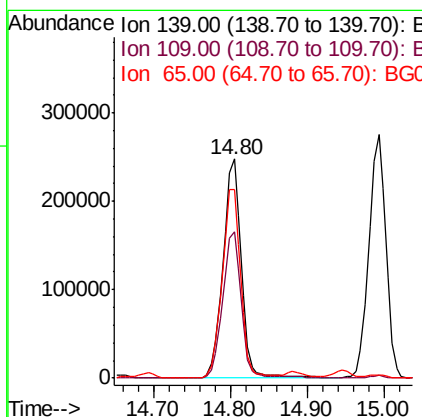
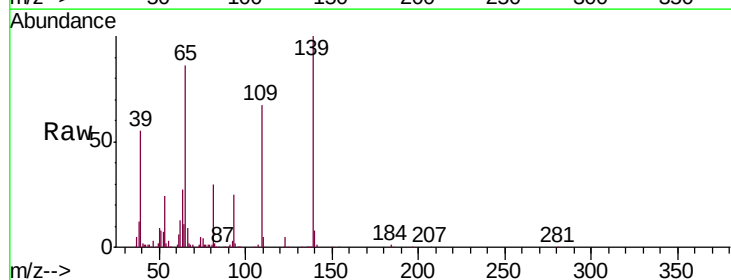
Instrument :
BNA_G
ClientSampleId :
PB125814BS

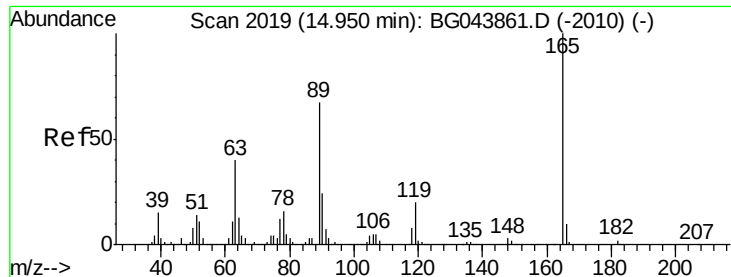
Tgt Ion:168 Resp: 1108500
Ion Ratio Lower Upper
168 100
139 39.2 32.2 48.2
169 14.5 12.2 18.2



#56
4-Nitrophenol
Concen: 86.098 ng
RT: 14.80 min Scan# 1994
Delta R.T. 0.01 min
Lab File: BG043927.D
Acq: 6 Jan 2020 11:11

Tgt Ion:139 Resp: 412054
Ion Ratio Lower Upper
139 100
109 67.1 50.4 90.4
65 86.3 71.4 111.4

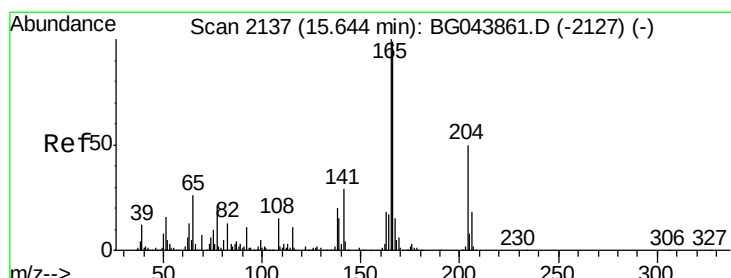
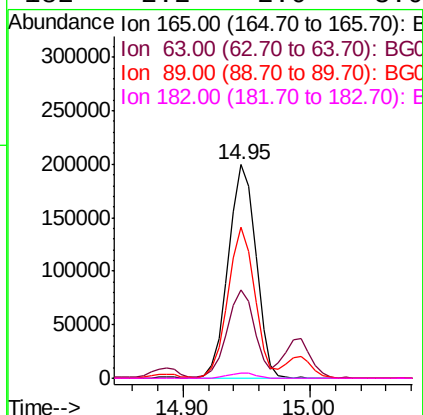
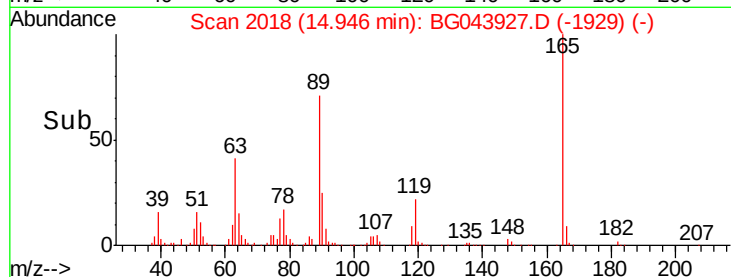
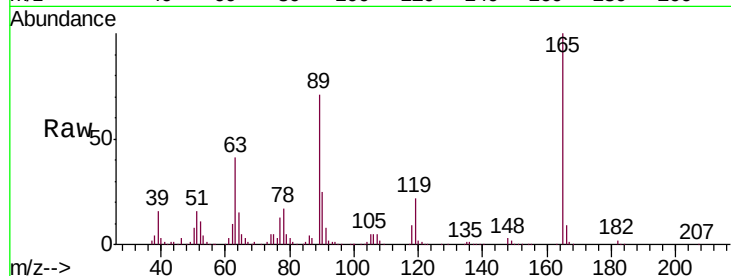




#57
2,4-Dinitrotoluene
Concen: 40.127 ng
RT: 14.95 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BG043927.D
Acq: 6 Jan 2020 11:11

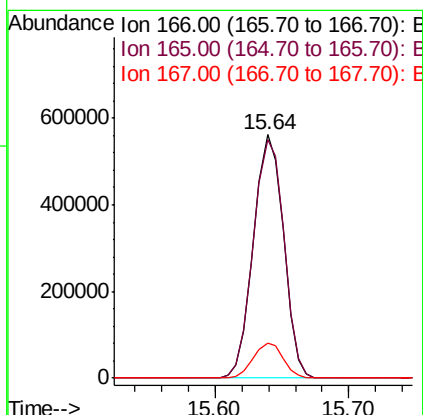
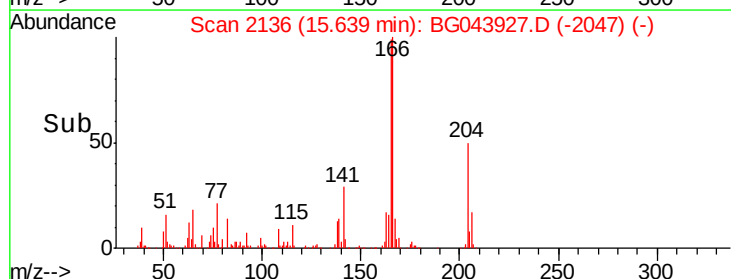
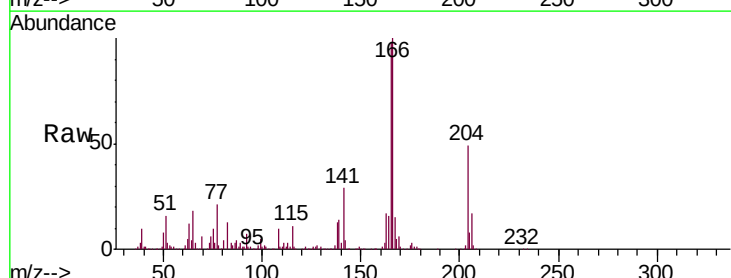
Instrument :
BNA_G
ClientSampleId :
PB125814BS

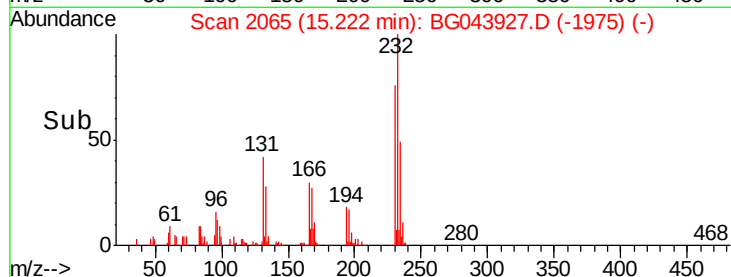
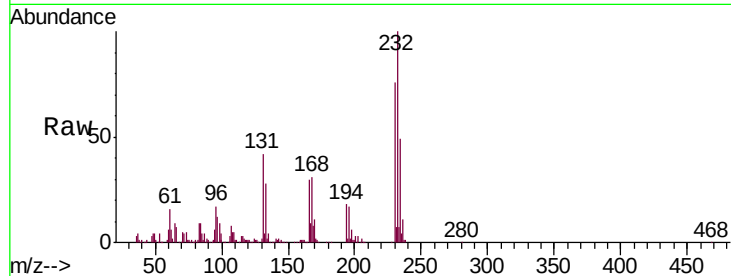
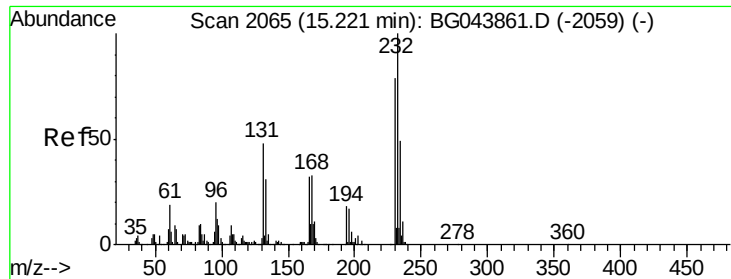
Tgt Ion:165 Resp: 300289
Ion Ratio Lower Upper
165 100
63 41.2 31.9 47.9
89 70.9 53.8 80.6
182 2.2 2.0 3.0



#58
Fluorene
Concen: 40.035 ng
RT: 15.64 min Scan# 2136
Delta R.T. -0.00 min
Lab File: BG043927.D
Acq: 6 Jan 2020 11:11

Tgt Ion:166 Resp: 874199
Ion Ratio Lower Upper
166 100
165 98.2 80.8 121.2
167 14.5 12.1 18.1





#59

2,3,4,6-Tetrachlorophenol

Concen: 39.828 ng

RT: 15.22 min Scan# 2065

Delta R.T. 0.00 min

Lab File: BG043927.D

Acq: 6 Jan 2020 11:11

Instrument :

BNA_G

ClientSampleId :

PB125814BS

Tgt Ion:232 Resp: 244123

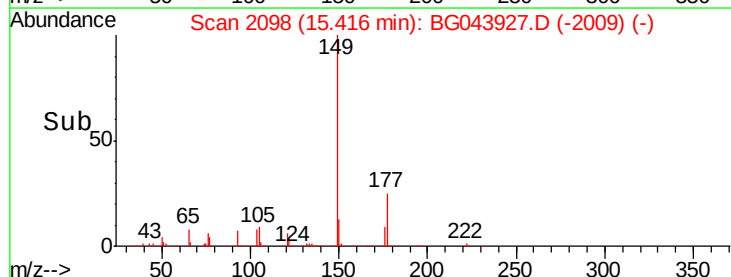
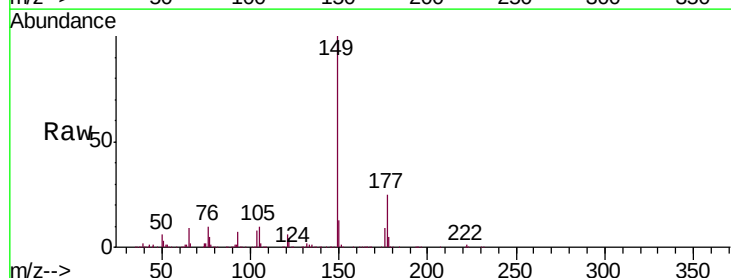
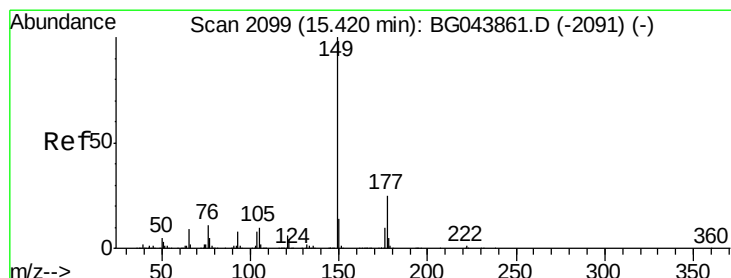
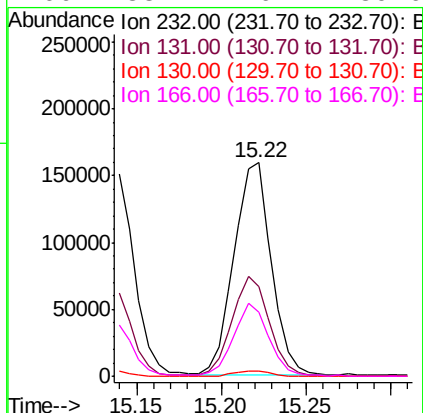
Ion Ratio Lower Upper

232 100

131 47.0 38.2 57.2

130 2.4 2.2 3.2

166 33.1 26.4 39.6



#60

Diethylphthalate

Concen: 39.307 ng

RT: 15.42 min Scan# 2098

Delta R.T. -0.00 min

Lab File: BG043927.D

Acq: 6 Jan 2020 11:11

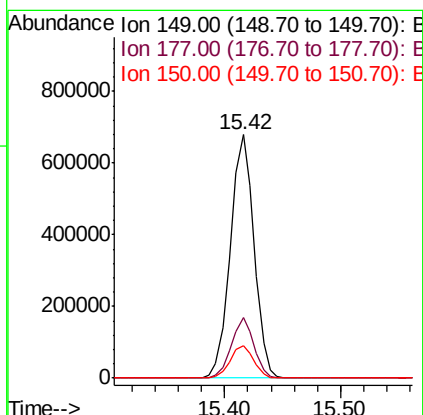
Tgt Ion:149 Resp: 956632

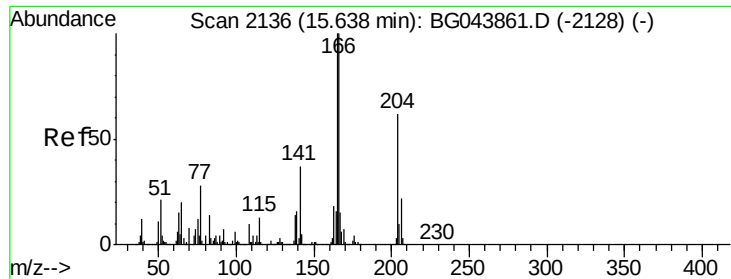
Ion Ratio Lower Upper

149 100

177 24.8 20.0 30.0

150 13.4 11.1 16.7

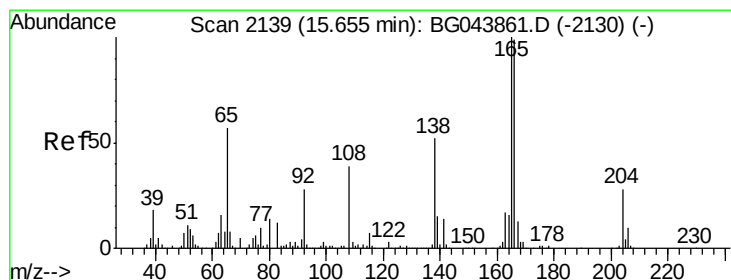
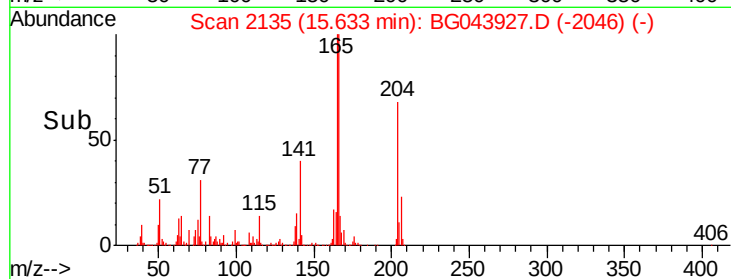
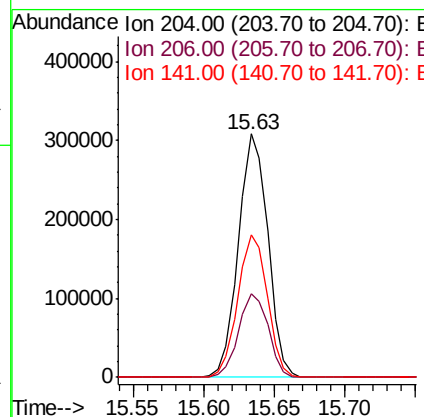
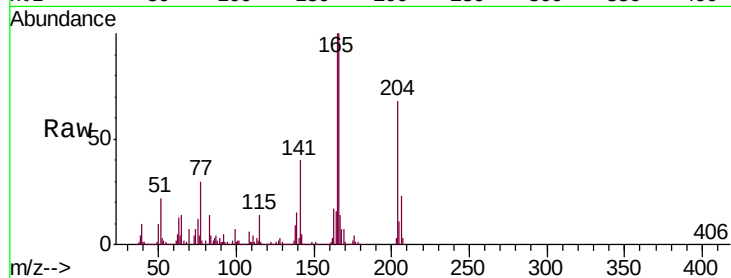




#61
4-Chlorophenyl-phenylether
Concen: 37.801 ng
RT: 15.63 min Scan# 2135
Delta R.T. -0.00 min
Lab File: BG043927.D
Acq: 6 Jan 2020 11:11

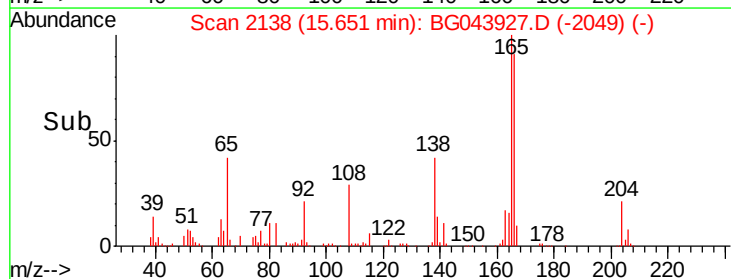
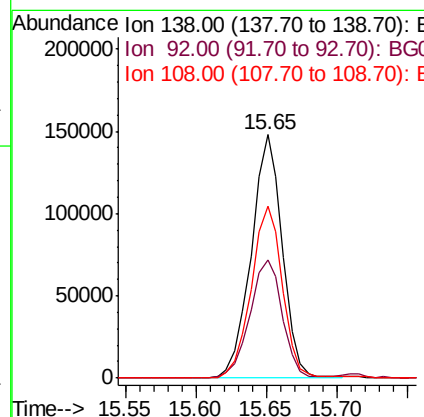
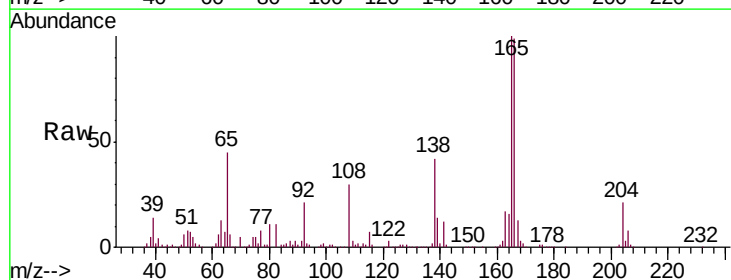
Instrument :
BNA_G
ClientSampleId :
PB125814BS

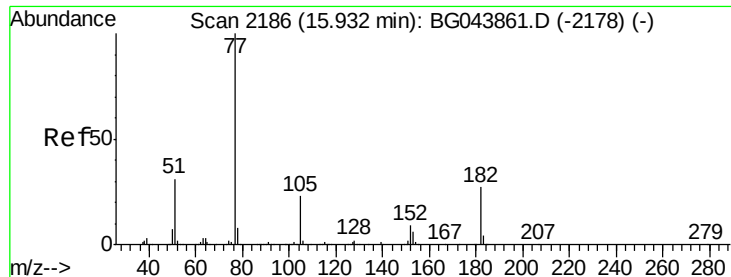
Tgt Ion:204 Resp: 448202
Ion Ratio Lower Upper
204 100
206 34.4 28.2 42.2
141 58.4 48.2 72.2



#62
4-Nitroaniline
Concen: 37.025 ng
RT: 15.65 min Scan# 2138
Delta R.T. -0.00 min
Lab File: BG043927.D
Acq: 6 Jan 2020 11:11

Tgt Ion:138 Resp: 228352
Ion Ratio Lower Upper
138 100
92 48.7 34.3 74.3
108 70.7 55.0 95.0





#63

Azobenzene

Concen: 39.962 ng

RT: 15.93 min Scan# 2185

Delta R.T. -0.00 min

Lab File: BG043927.D

Acq: 6 Jan 2020 11:11

Instrument :

BNA_G

ClientSampleId :

PB125814BS

Tgt Ion: 77 Resp: 901954

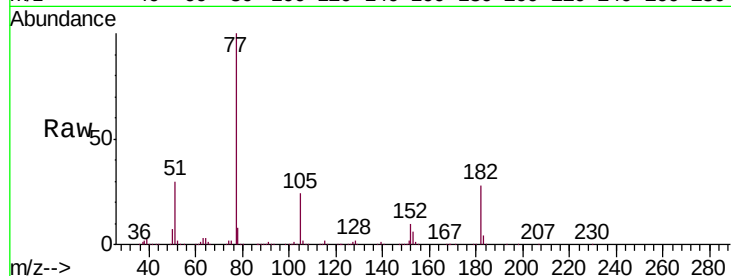
Ion Ratio Lower Upper

77 100

182 28.0 7.3 47.3

105 23.5 3.2 43.2

51 30.4 10.6 50.6

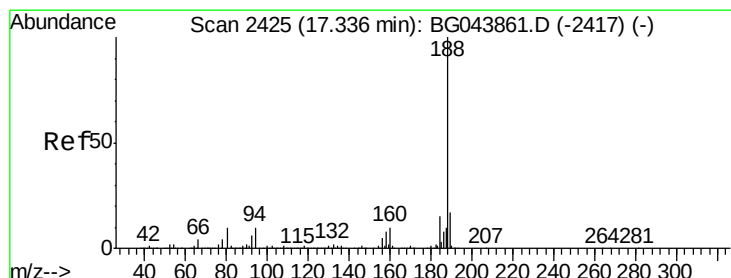
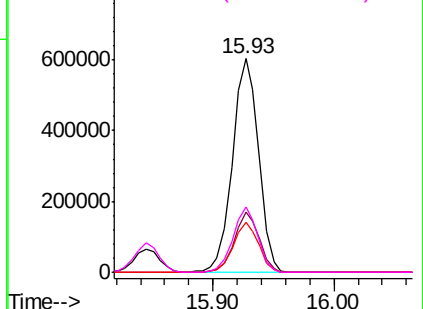
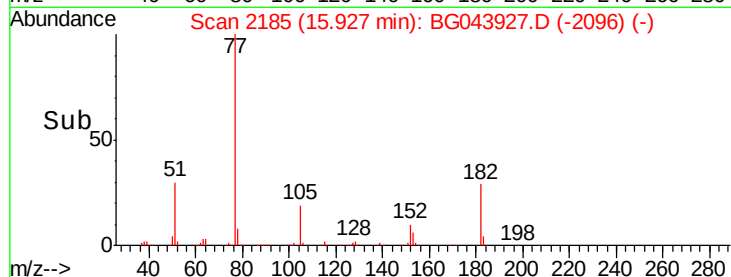


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: BG043927.D

Acq: 6 Jan 2020 11:11

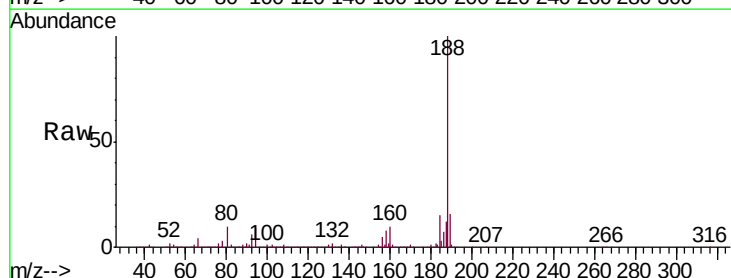
Tgt Ion: 188 Resp: 748754

Ion Ratio Lower Upper

188 100

94 9.1 7.9 11.9

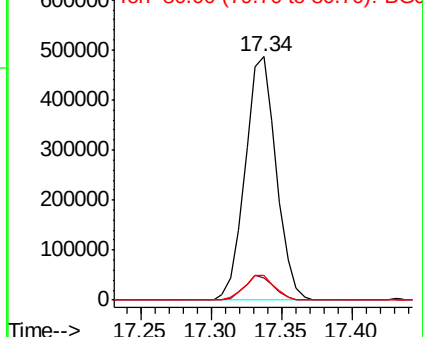
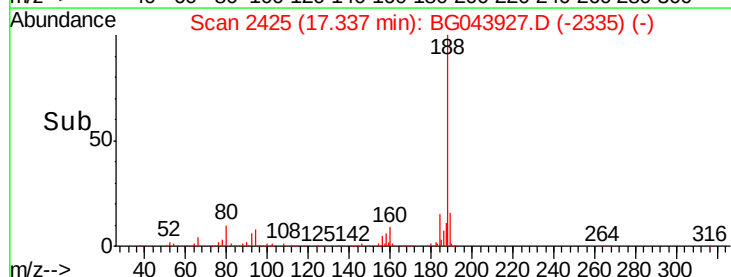
80 10.3 8.2 12.4

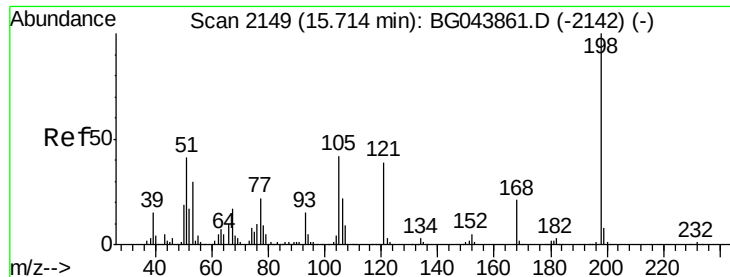


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

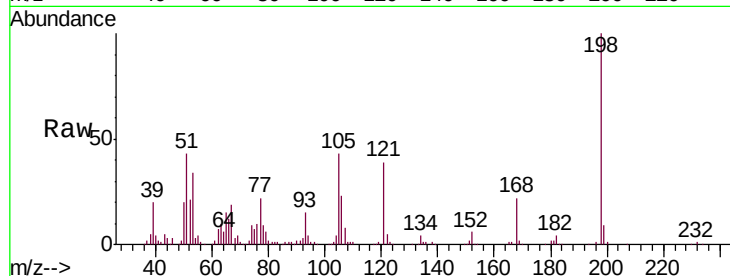




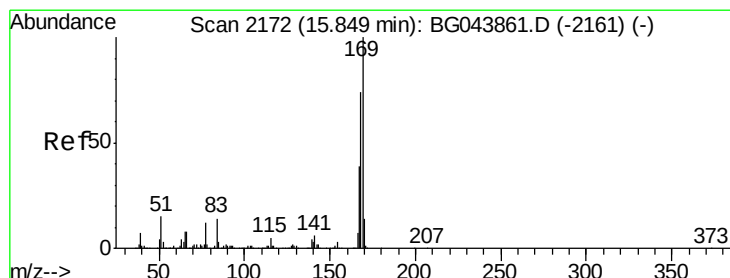
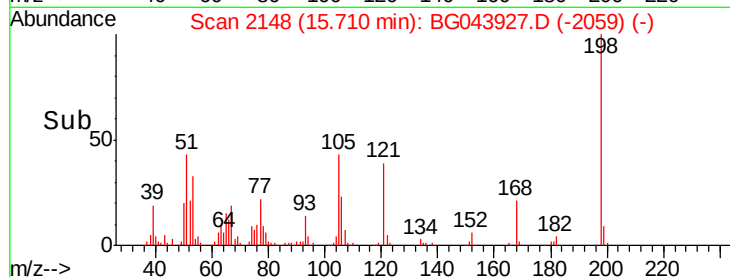
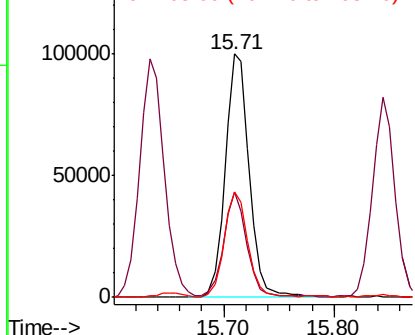
#65
 4,6-Dinitro-2-methylphenol
 Concen: 40.001 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.00 min
 Lab File: BG043927.D
 Acq: 6 Jan 2020 11:11

Instrument :
 BNA_G
 ClientSampleId :
 PB125814BS

Tgt Ion:198 Resp: 151207
 Ion Ratio Lower Upper
 198 100
 51 43.0 22.5 62.5
 105 43.4 22.3 62.3

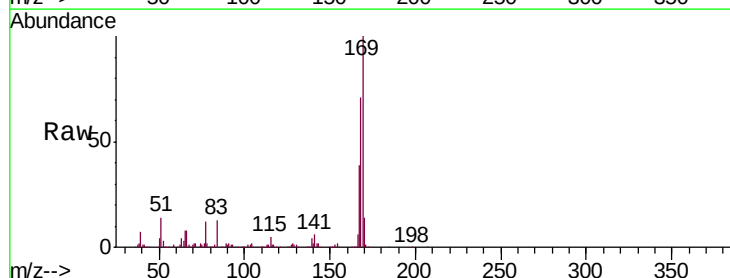


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

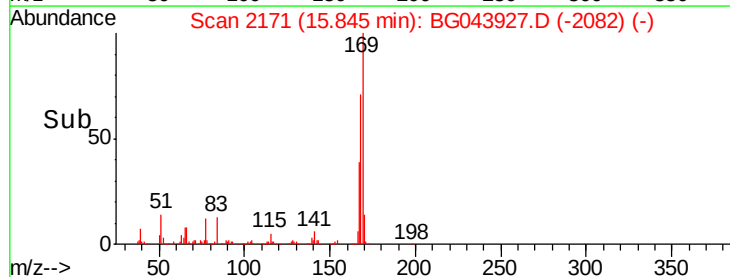
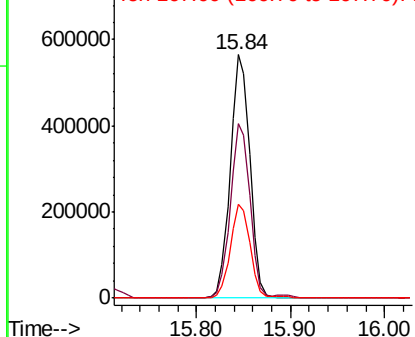


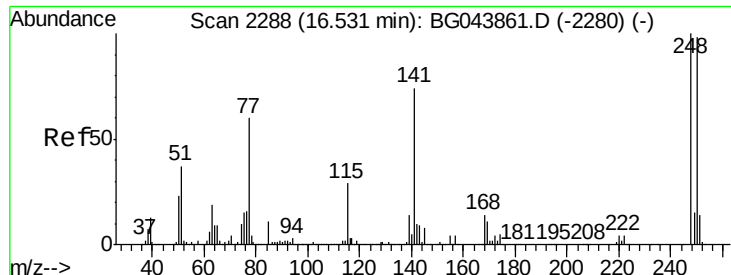
#66
 n-Nitrosodiphenylamine
 Concen: 37.489 ng
 RT: 15.84 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: BG043927.D
 Acq: 6 Jan 2020 11:11

Tgt Ion:169 Resp: 826621
 Ion Ratio Lower Upper
 169 100
 168 71.4 59.0 88.6
 167 38.7 31.4 47.0



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

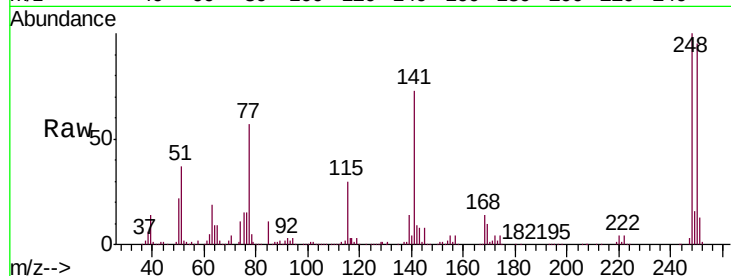




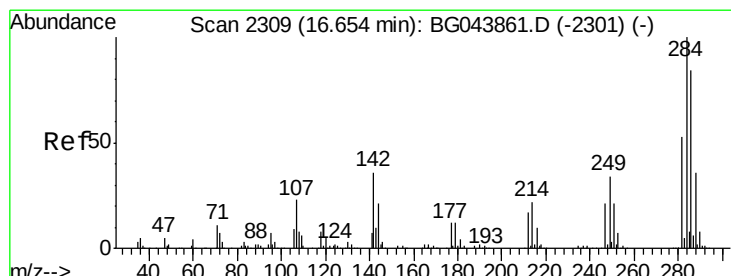
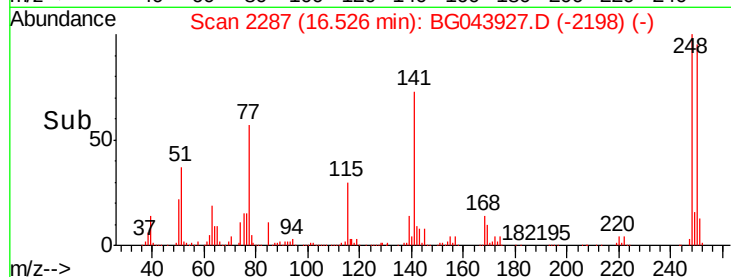
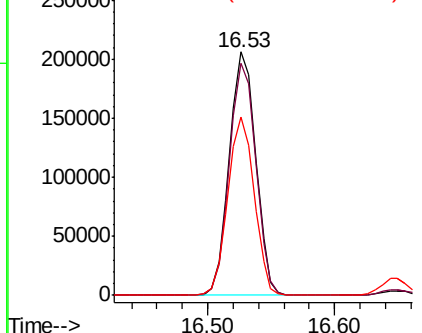
#67
 4-Bromophenyl-phenylether
 Concen: 35.308 ng
 RT: 16.53 min Scan# 2287
 Delta R.T. -0.00 min
 Lab File: BG043927.D
 Acq: 6 Jan 2020 11:11

Instrument :
 BNA_G
 ClientSampleId :
 PB125814BS

Tgt Ion:248 Resp: 297339
 Ion Ratio Lower Upper
 248 100
 250 95.3 78.2 117.2
 141 73.3 59.3 88.9

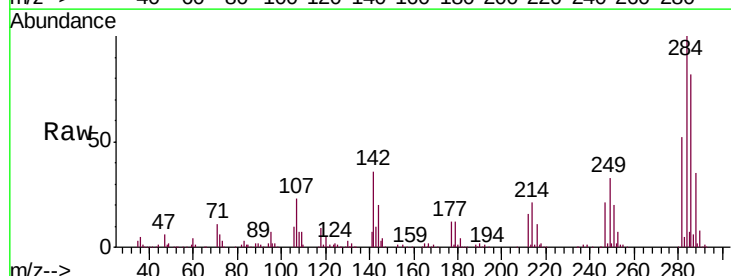


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

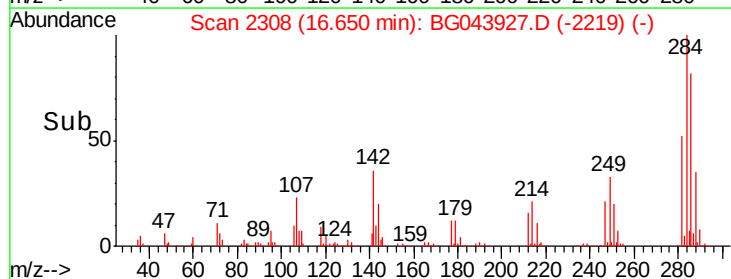
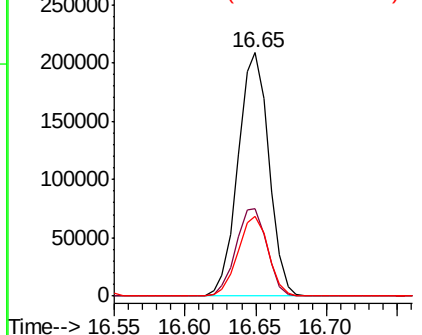


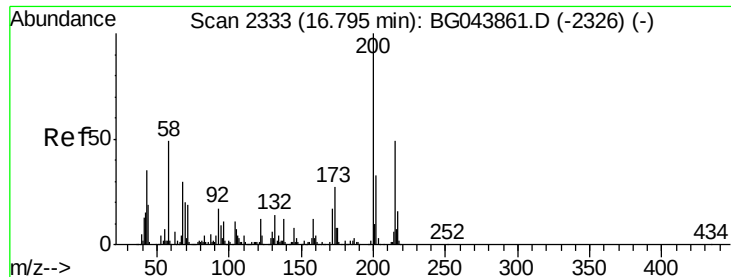
#68
 Hexachlorobenzene
 Concen: 35.153 ng
 RT: 16.65 min Scan# 2308
 Delta R.T. -0.00 min
 Lab File: BG043927.D
 Acq: 6 Jan 2020 11:11

Tgt Ion:284 Resp: 318980
 Ion Ratio Lower Upper
 284 100
 142 36.1 28.6 43.0
 249 32.8 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: 44.364 ng

RT: 16.80 min Scan# 2333

Delta R.T. 0.00 min

Lab File: BG043927.D

Acq: 6 Jan 2020 11:11

Instrument :

BNA_G

ClientSampleId :

PB125814BS

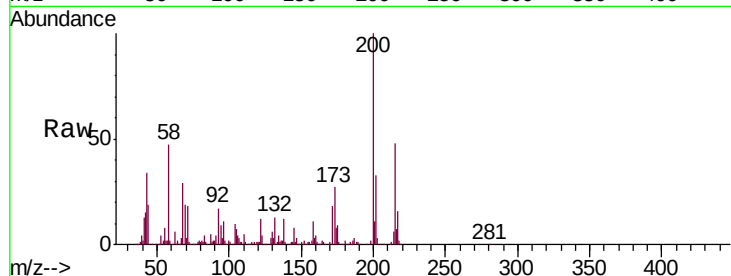
Tgt Ion:200 Resp: 317970

Ion Ratio Lower Upper

200 100

173 26.7 6.6 46.6

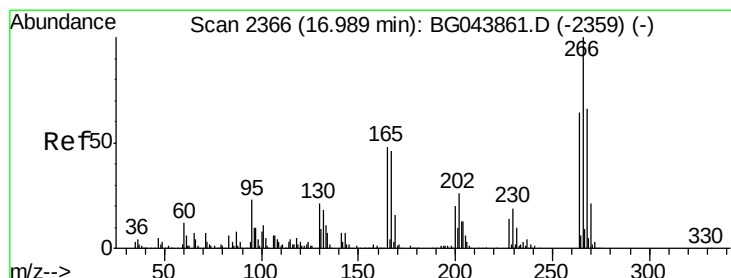
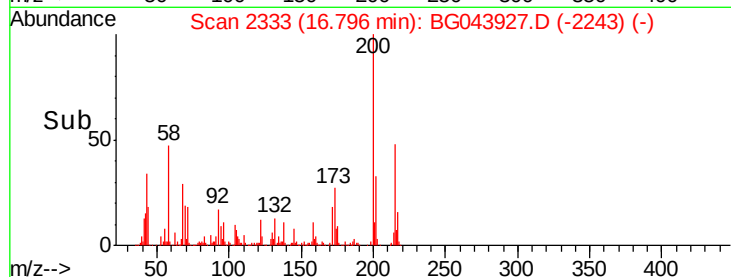
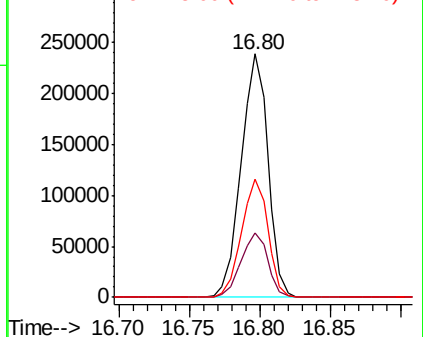
215 48.4 28.6 68.6



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



#70

Pentachlorophenol

Concen: 69.363 ng

RT: 16.99 min Scan# 2366

Delta R.T. 0.00 min

Lab File: BG043927.D

Acq: 6 Jan 2020 11:11

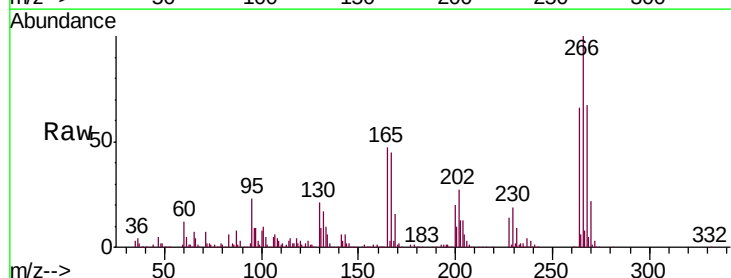
Tgt Ion:266 Resp: 346961

Ion Ratio Lower Upper

266 100

268 66.5 52.6 79.0

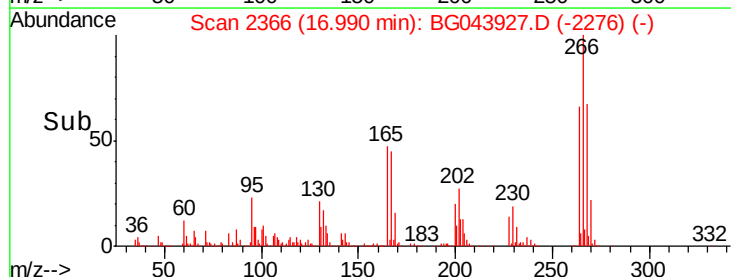
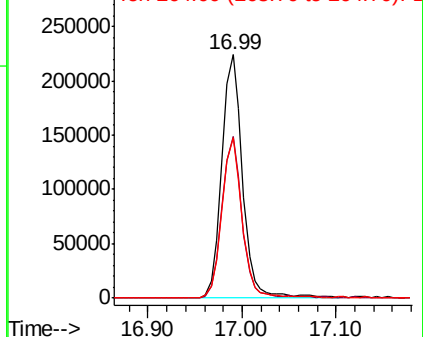
264 65.9 50.8 76.2

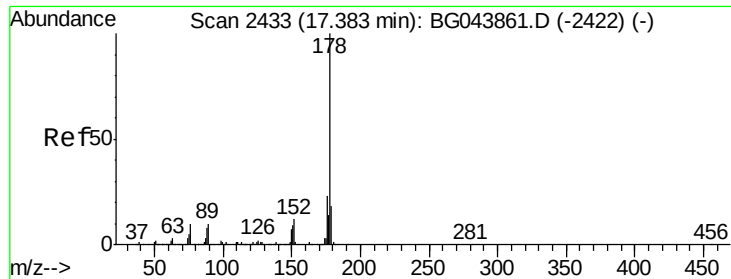


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

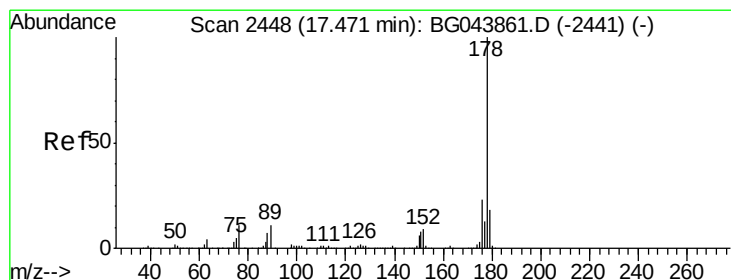
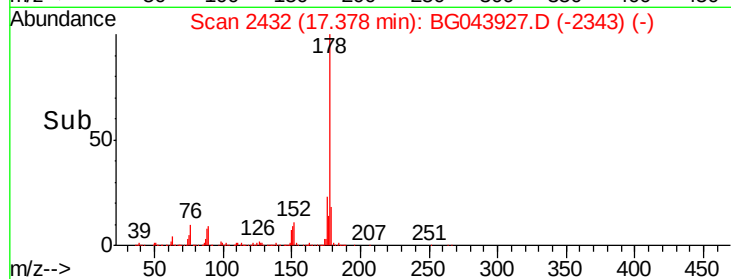
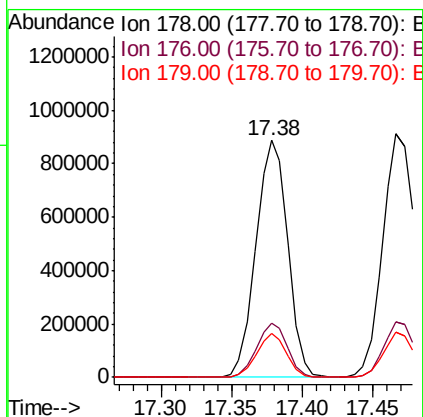
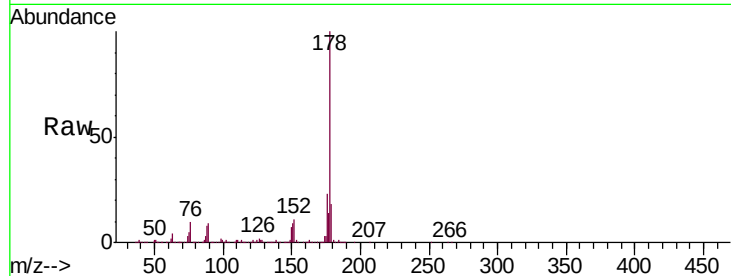




#71
Phenanthrene
Concen: 39.069 ng
RT: 17.38 min Scan# 2432
Delta R.T. -0.00 min
Lab File: BG043927.D
Acq: 6 Jan 2020 11:11

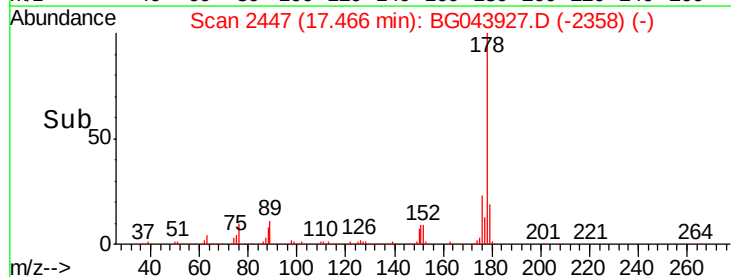
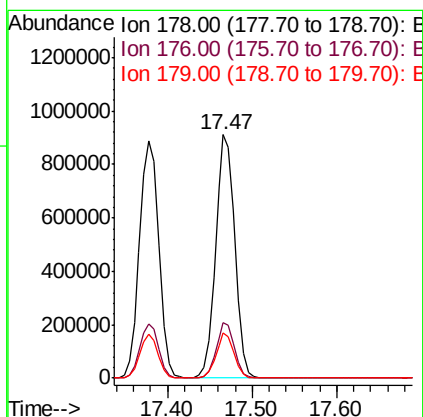
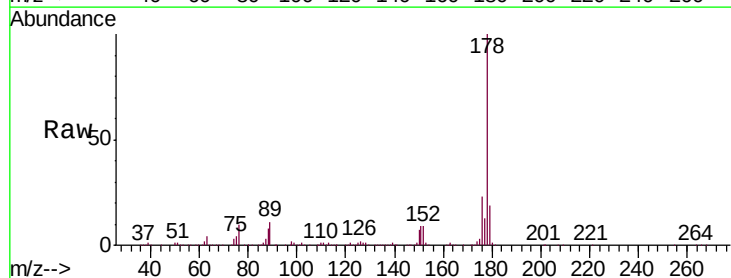
Instrument :
BNA_G
ClientSampleId :
PB125814BS

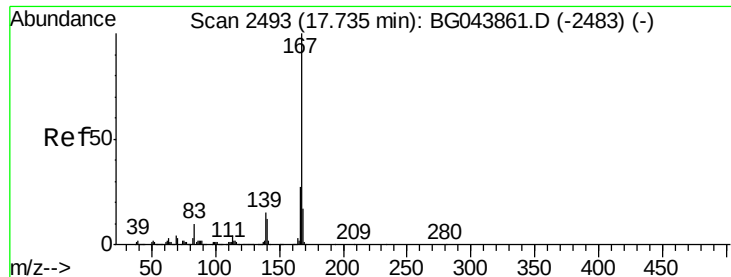
Tgt Ion:178 Resp: 1403120
Ion Ratio Lower Upper
178 100
176 23.1 18.6 28.0
179 18.4 14.4 21.6



#72
Anthracene
Concen: 40.854 ng
RT: 17.47 min Scan# 2447
Delta R.T. -0.00 min
Lab File: BG043927.D
Acq: 6 Jan 2020 11:11

Tgt Ion:178 Resp: 1450045
Ion Ratio Lower Upper
178 100
176 22.8 18.3 27.5
179 18.6 14.6 22.0





#73

Carbazole

Concen: 40.125 ng

RT: 17.74 min Scan# 2493

Delta R.T. 0.00 min

Lab File: BG043927.D

Acq: 6 Jan 2020 11:11

Instrument :

BNA_G

ClientSampleId :

PB125814BS

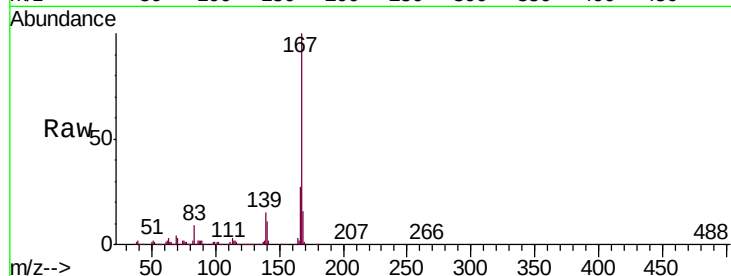
Tgt Ion:167 Resp: 1315521

Ion Ratio Lower Upper

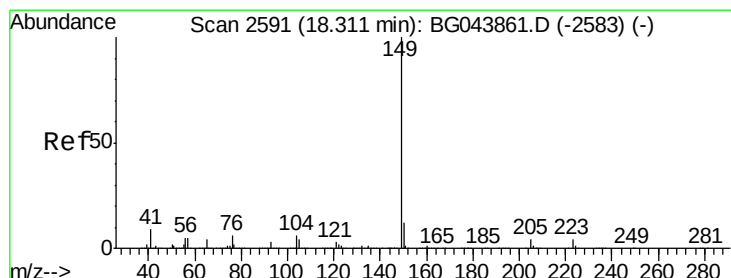
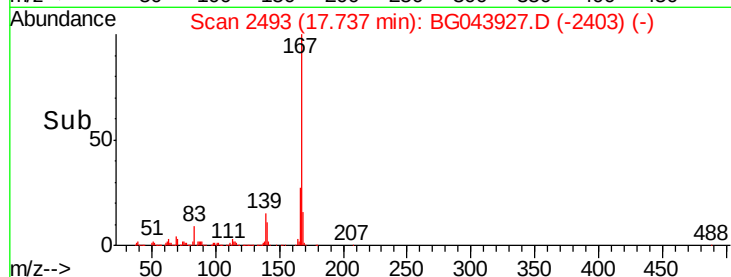
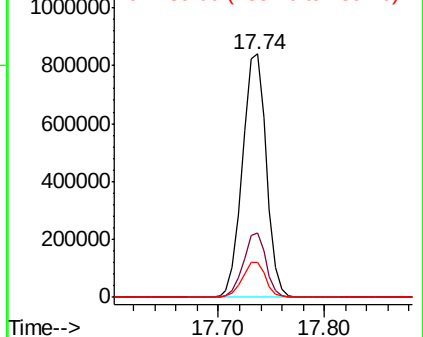
167 100

166 26.7 21.6 32.4

139 14.6 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: 39.045 ng

RT: 18.31 min Scan# 2590

Delta R.T. -0.00 min

Lab File: BG043927.D

Acq: 6 Jan 2020 11:11

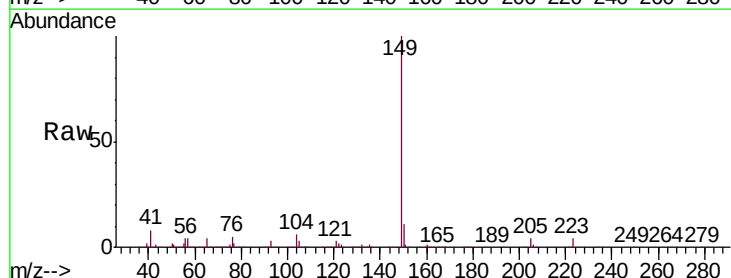
Tgt Ion:149 Resp: 1634404

Ion Ratio Lower Upper

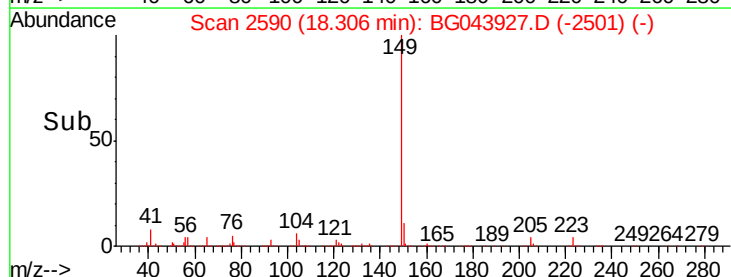
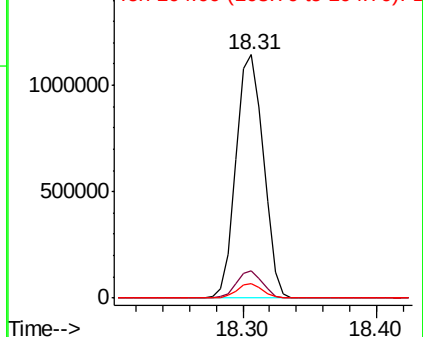
149 100

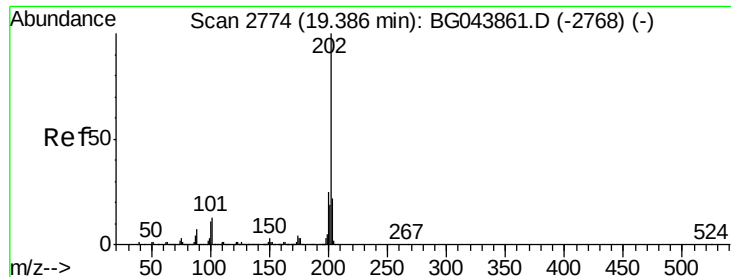
150 11.2 9.7 14.5

104 5.8 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: 39.603 ng

RT: 19.39 min Scan# 2774

Delta R.T. 0.00 min

Lab File: BG043927.D

Acq: 6 Jan 2020 11:11

Instrument :

BNA_G

ClientSampleId :

PB125814BS

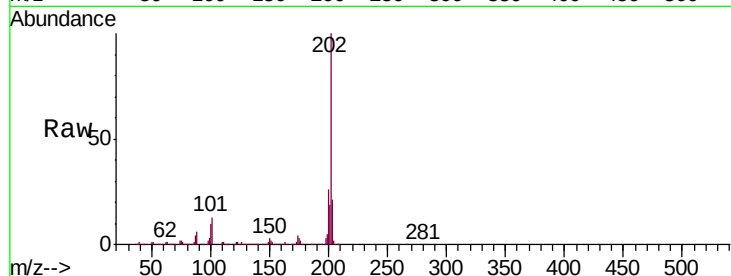
Tgt Ion:202 Resp: 1626594

Ion Ratio Lower Upper

202 100

101 12.6 0.0 33.3

203 20.8 1.6 41.6

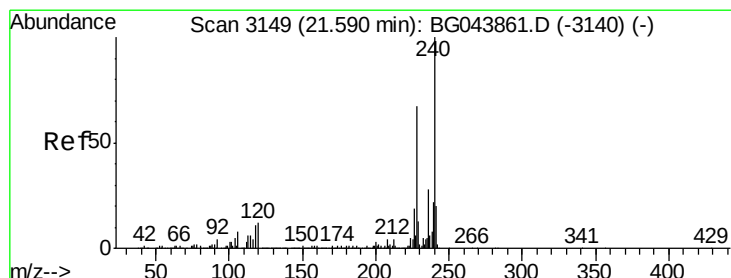
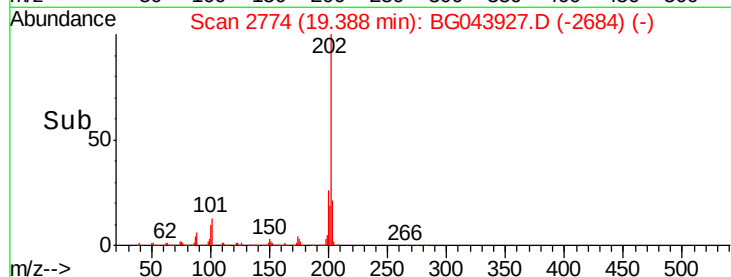
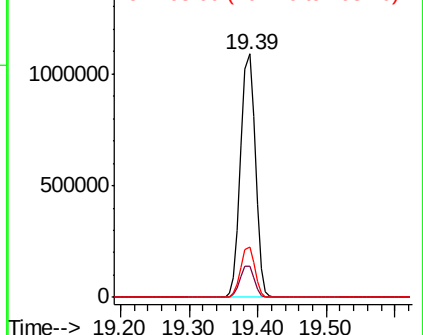


Abundance

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: 21.58 min Scan# 3148

Delta R.T. -0.00 min

Lab File: BG043927.D

Acq: 6 Jan 2020 11:11

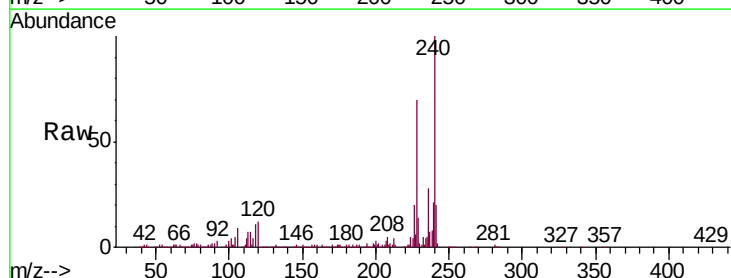
Tgt Ion:240 Resp: 651038

Ion Ratio Lower Upper

240 100

120 12.5 9.6 14.4

236 27.6 22.2 33.2

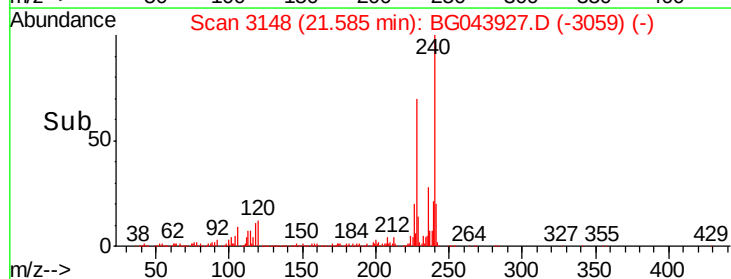
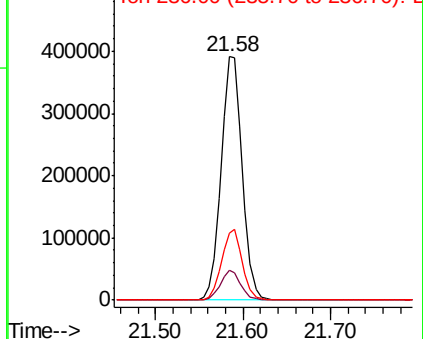


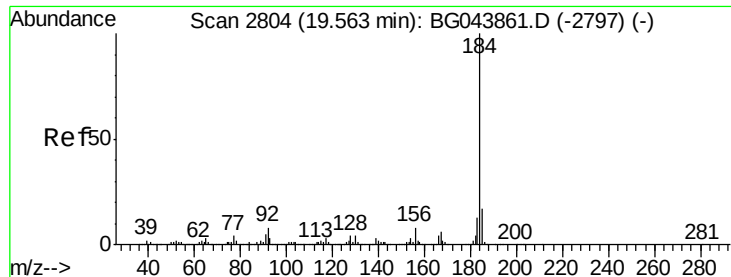
Abundance

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: 36.644 ng

RT: 19.56 min Scan# 2803

Delta R.T. -0.00 min

Lab File: BG043927.D

Acq: 6 Jan 2020 11:11

Instrument :

BNA_G

ClientSampleId :

PB125814BS

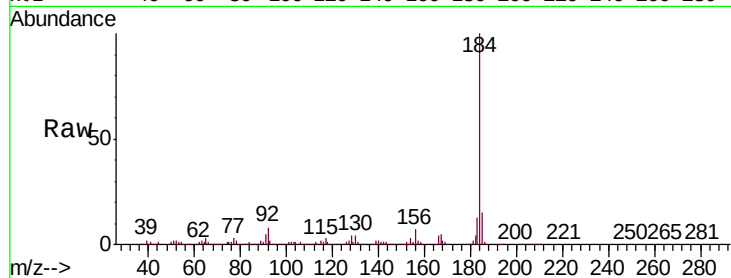
Tgt Ion:184 Resp: 599654

Ion Ratio Lower Upper

184 100

185 15.5 13.4 20.0

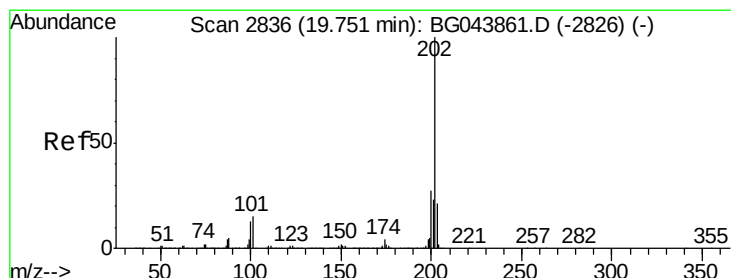
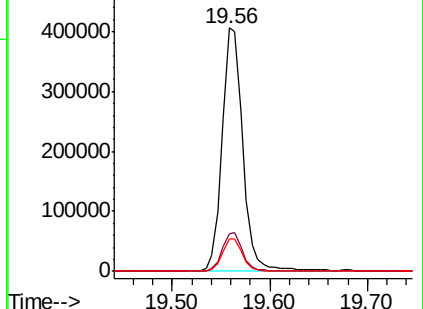
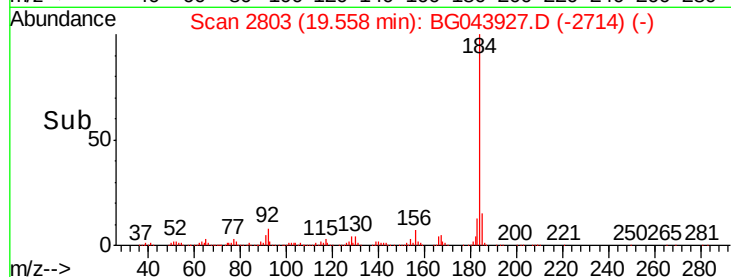
183 13.2 10.6 15.8



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: 38.460 ng

RT: 19.75 min Scan# 2835

Delta R.T. -0.00 min

Lab File: BG043927.D

Acq: 6 Jan 2020 11:11

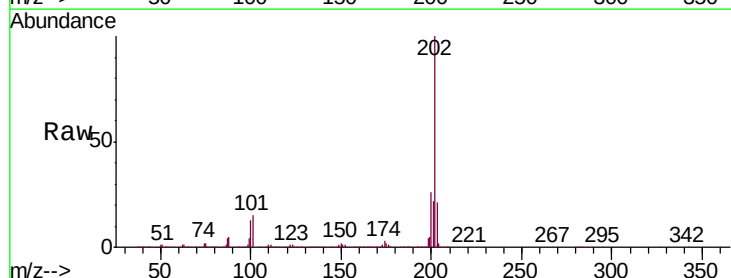
Tgt Ion:202 Resp: 1634407

Ion Ratio Lower Upper

202 100

200 26.3 21.7 32.5

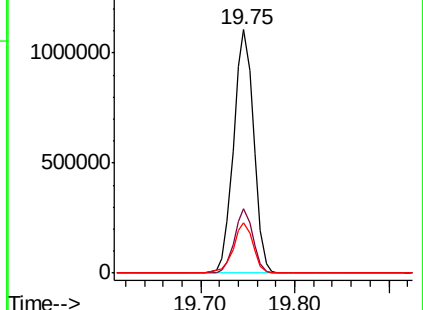
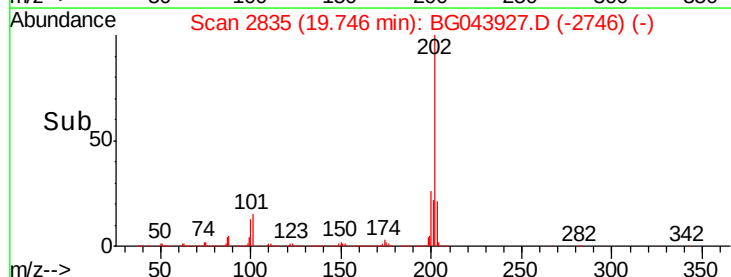
203 20.6 17.0 25.6

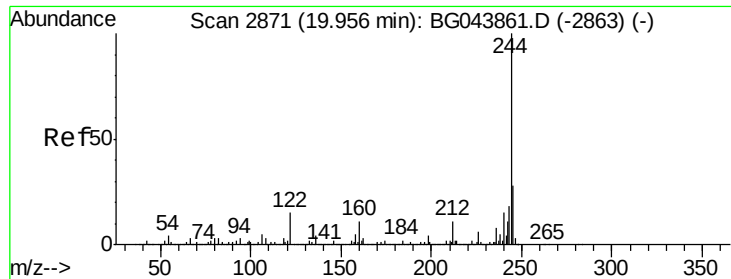


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 76.100 ng

RT: 19.95 min Scan# 2870

Delta R.T. -0.00 min

Lab File: BG043927.D

Acq: 6 Jan 2020 11:11

Instrument :

BNA_G

ClientSampleId :

PB125814BS

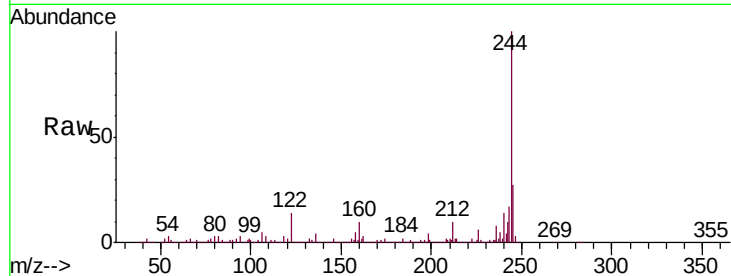
Tgt Ion:244 Resp: 2114296

Ion Ratio Lower Upper

244 100

212 10.3 8.6 13.0

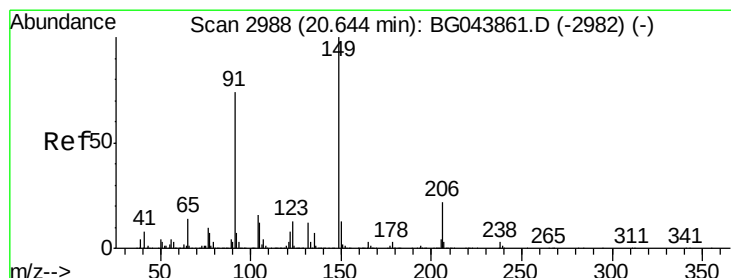
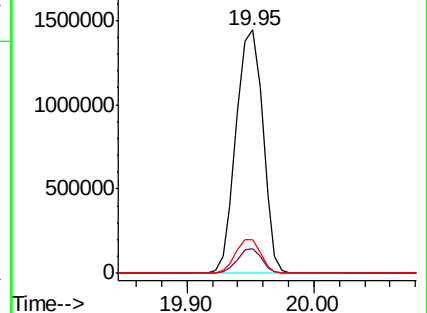
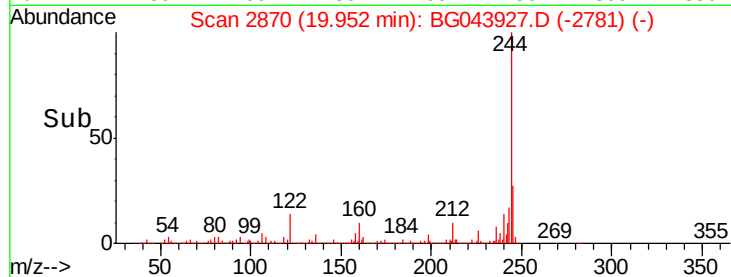
122 14.0 11.9 17.9



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: 37.694 ng

RT: 20.64 min Scan# 2987

Delta R.T. -0.00 min

Lab File: BG043927.D

Acq: 6 Jan 2020 11:11

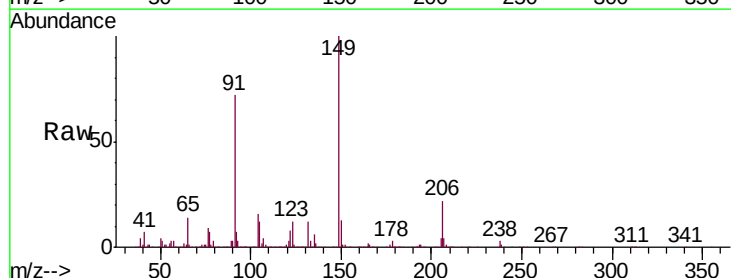
Tgt Ion:149 Resp: 762622

Ion Ratio Lower Upper

149 100

91 71.8 59.5 89.3

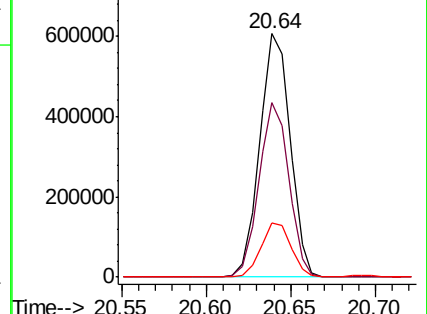
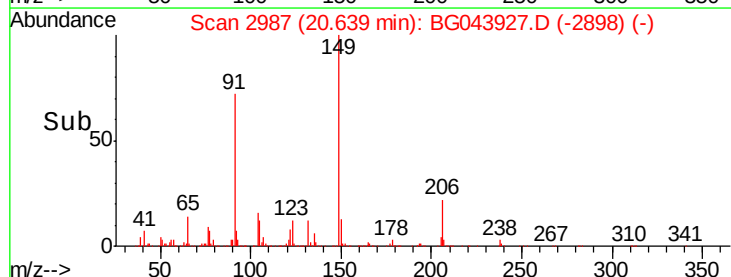
206 22.2 17.8 26.6

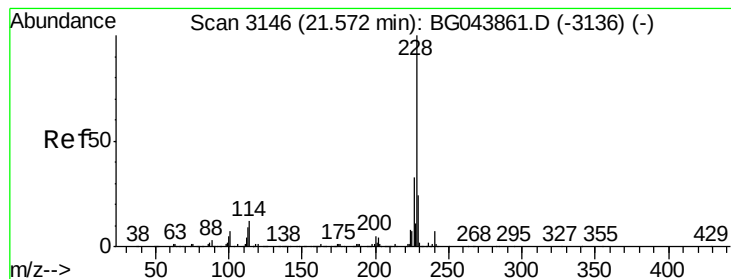


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.059 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.00 min

Lab File: BG043927.D

Acq: 6 Jan 2020 11:11

Instrument :

BNA_G

ClientSampleId :

PB125814BS

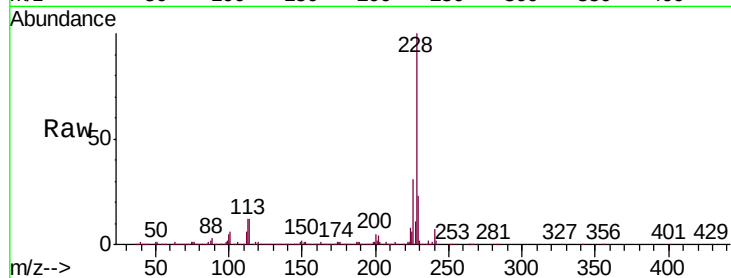
Tgt Ion:228 Resp: 1576786

Ion Ratio Lower Upper

228 100

226 31.4 26.2 39.4

229 22.9 18.9 28.3

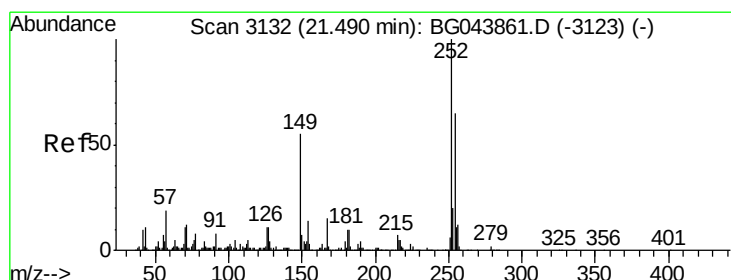
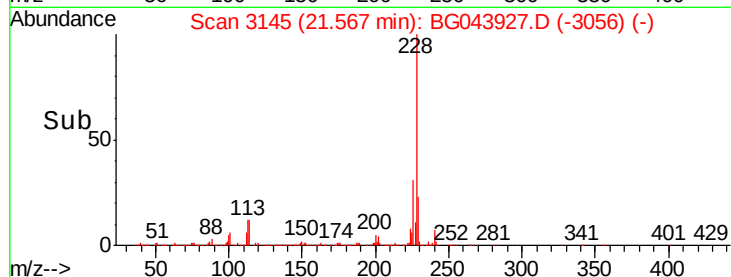
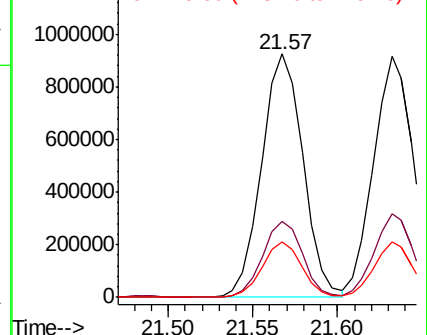


Abundance

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: 28.919 ng

RT: 21.49 min Scan# 3131

Delta R.T. -0.00 min

Lab File: BG043927.D

Acq: 6 Jan 2020 11:11

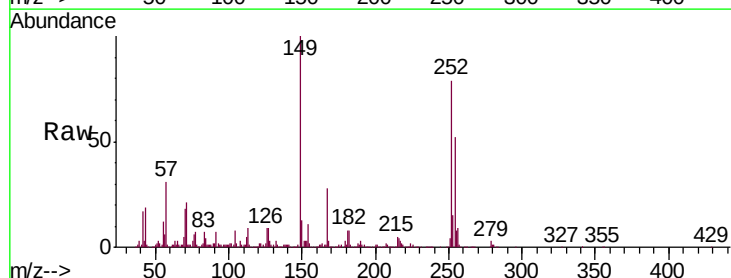
Tgt Ion:252 Resp: 461229

Ion Ratio Lower Upper

252 100

254 65.1 52.1 78.1

126 11.4 9.1 13.7

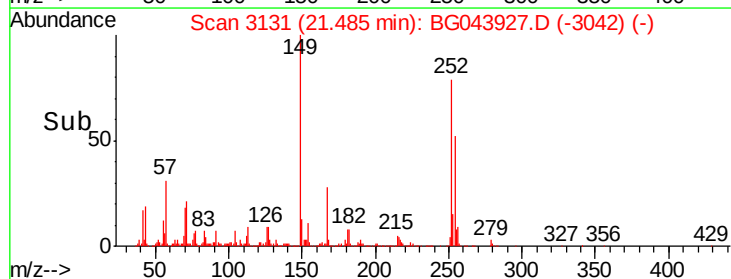
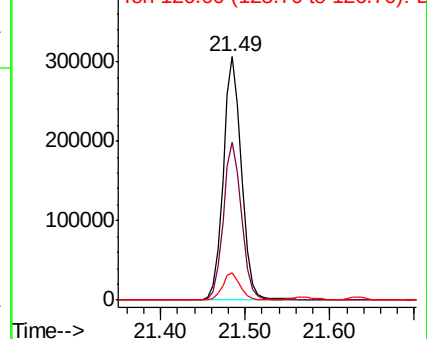


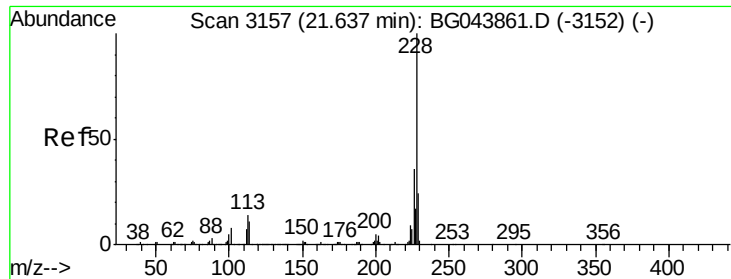
Abundance

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: 38.983 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BG043927.D

Acq: 6 Jan 2020 11:11

Instrument :

BNA_G

ClientSampleId :

PB125814BS

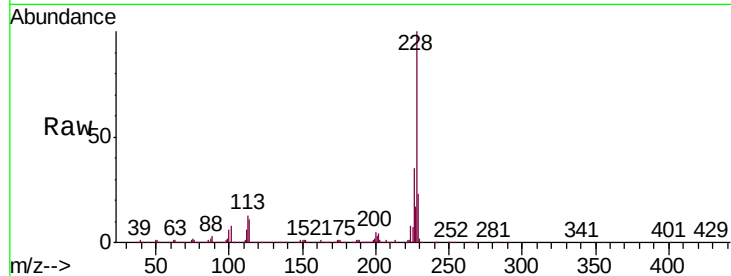
Tgt Ion:228 Resp: 1495336

Ion Ratio Lower Upper

228 100

226 34.7 28.8 43.2

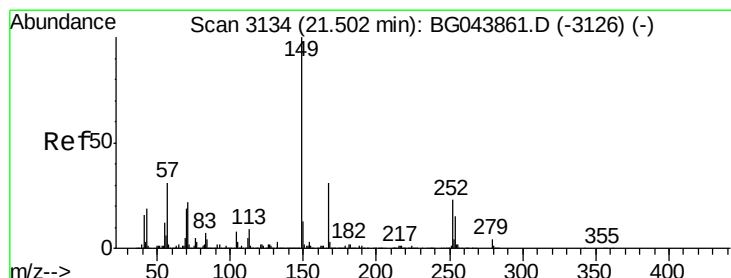
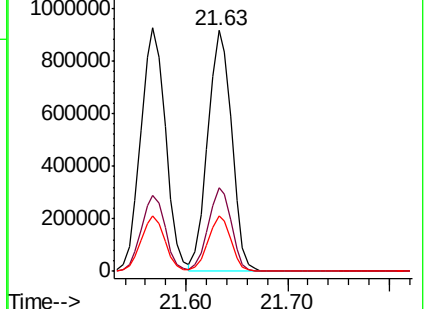
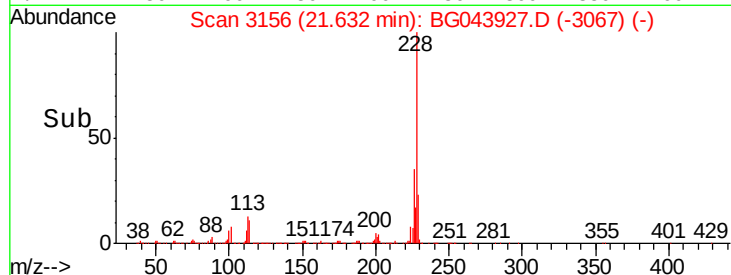
229 22.9 19.0 28.6



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: 38.366 ng

RT: 21.50 min Scan# 3133

Delta R.T. -0.00 min

Lab File: BG043927.D

Acq: 6 Jan 2020 11:11

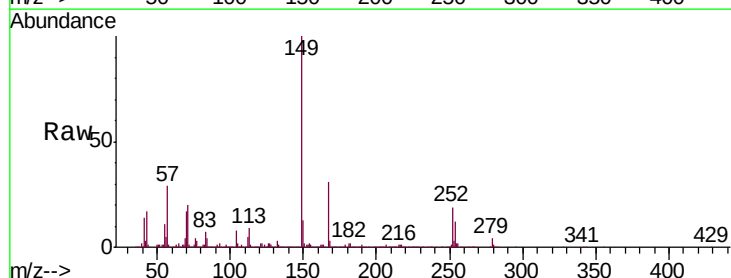
Tgt Ion:149 Resp: 1071027

Ion Ratio Lower Upper

149 100

167 30.7 24.7 37.1

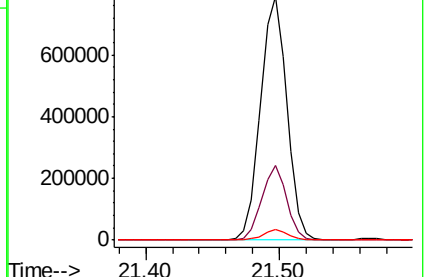
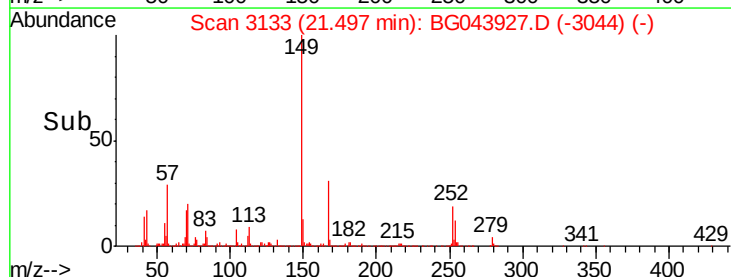
279 4.4 3.3 4.9

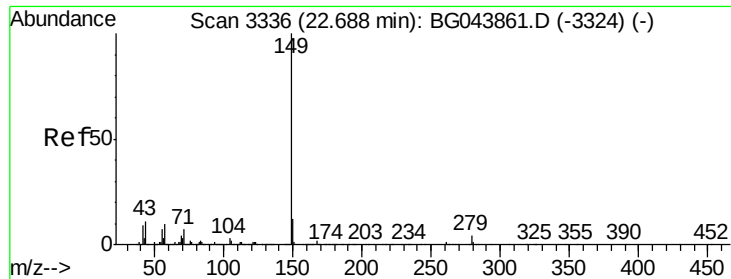


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

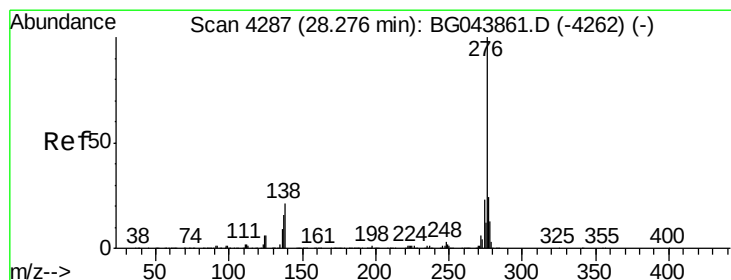
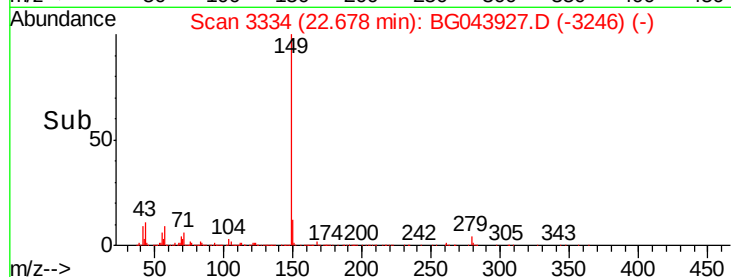
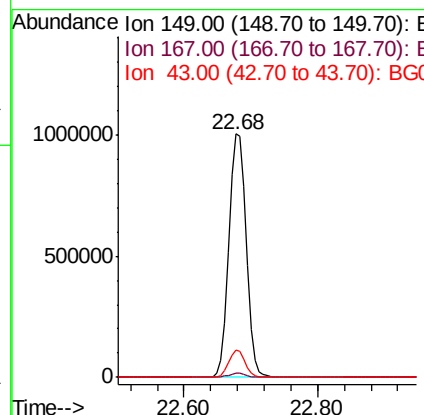
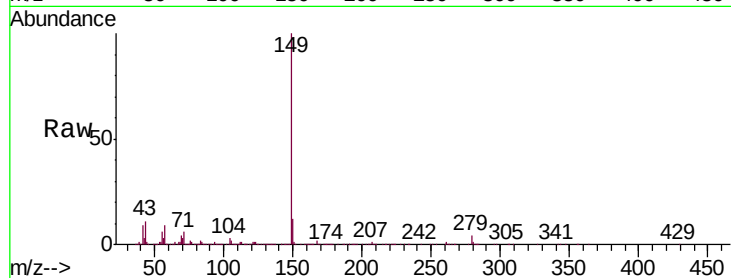




#85
Di-n-octyl phthalate
Concen: 39.438 ng
RT: 22.68 min Scan# 3334
Delta R.T. -0.01 min
Lab File: BG043927.D
Acq: 6 Jan 2020 11:11

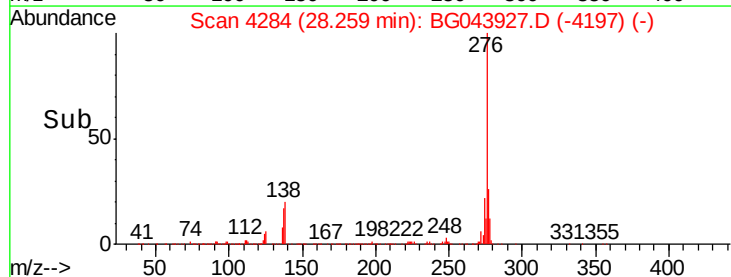
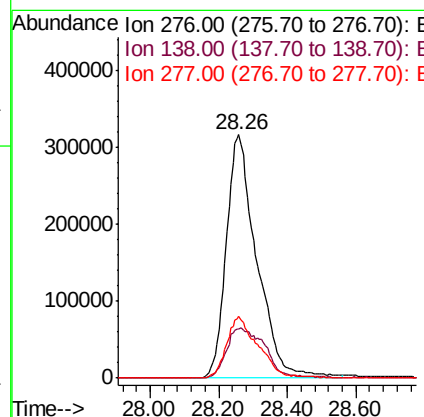
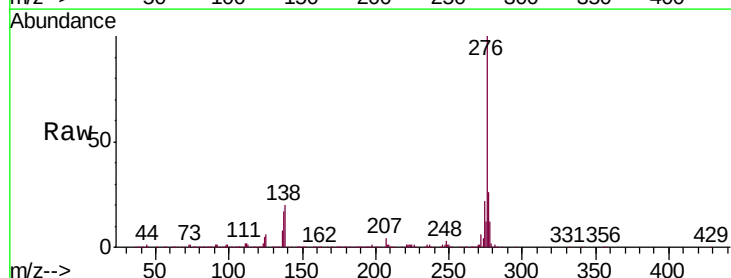
Instrument :
BNA_G
ClientSampleId :
PB125814BS

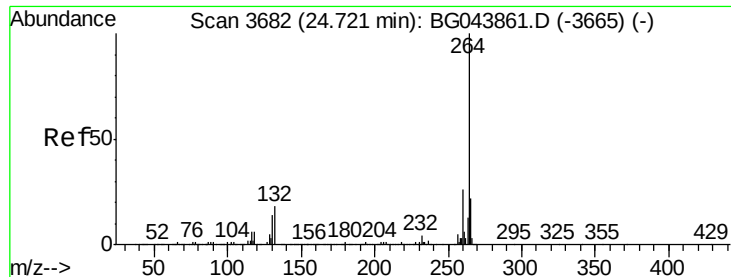
Tgt Ion:149 Resp: 1850865
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.0
43 10.5 8.8 13.2



#86
Indeno(1,2,3-cd)pyrene
Concen: 37.436 ng
RT: 28.26 min Scan# 4284
Delta R.T. -0.02 min
Lab File: BG043927.D
Acq: 6 Jan 2020 11:11

Tgt Ion:276 Resp: 1951494
Ion Ratio Lower Upper
276 100
138 25.5 21.0 31.4
277 26.1 21.1 31.7





#87

Perylene-d12

Concen: 20.000 ng

RT: 24.71 min Scan# 3680

Delta R.T. -0.01 min

Lab File: BG043927.D

Acq: 6 Jan 2020 11:11

Instrument :

BNA_G

ClientSampleId :

PB125814BS

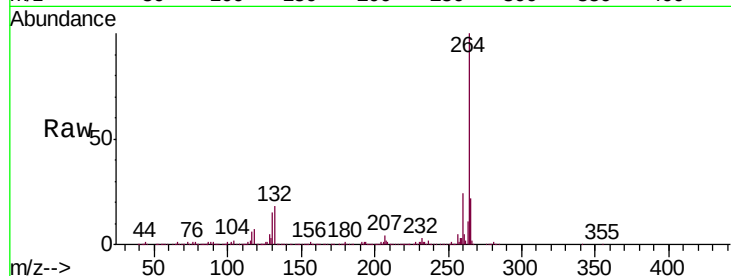
Tgt Ion:264 Resp: 736364

Ion Ratio Lower Upper

264 100

260 24.4 20.4 30.6

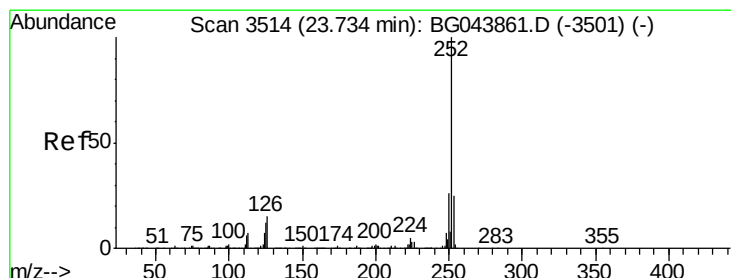
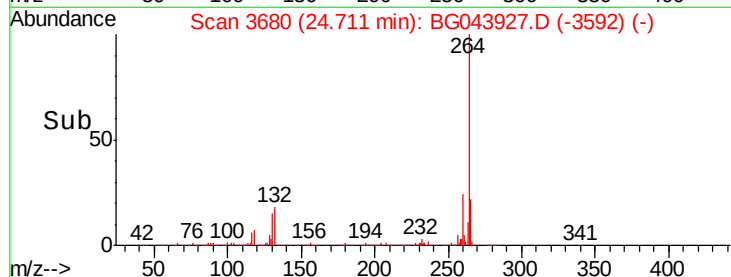
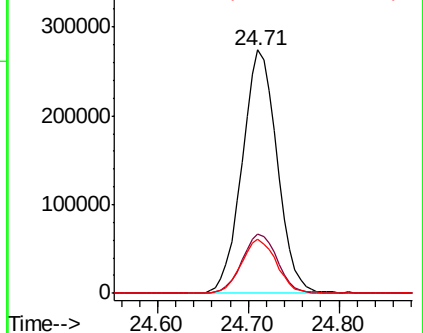
265 22.3 17.4 26.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 38.109 ng

RT: 23.73 min Scan# 3513

Delta R.T. -0.00 min

Lab File: BG043927.D

Acq: 6 Jan 2020 11:11

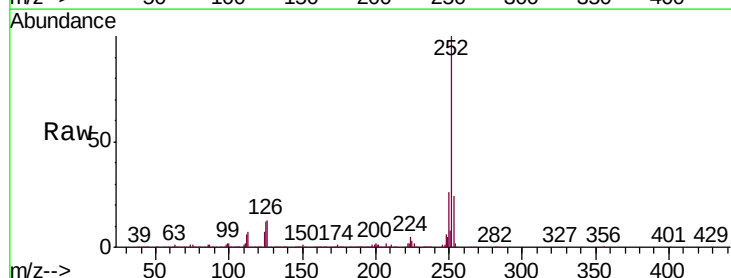
Tgt Ion:252 Resp: 1658948

Ion Ratio Lower Upper

252 100

253 24.0 19.7 29.5

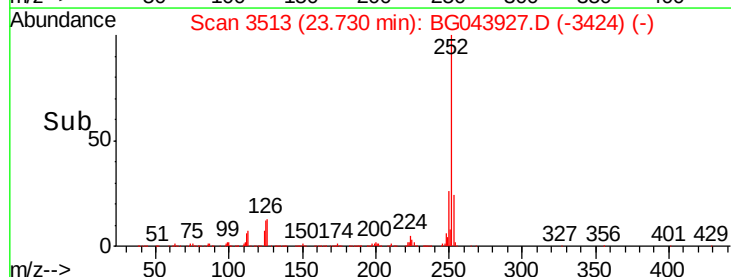
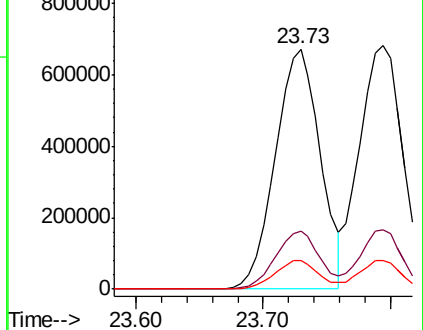
125 11.7 9.4 14.2

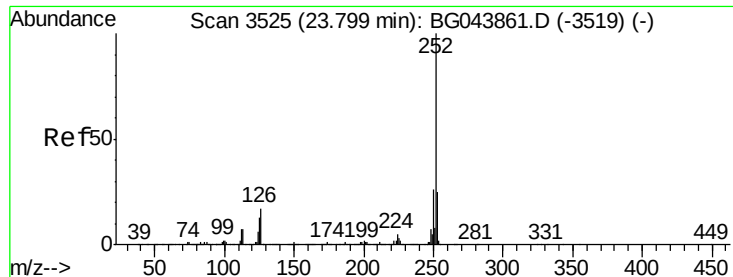


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 39.473 ng

RT: 23.79 min Scan# 3524

Delta R.T. -0.00 min

Lab File: BG043927.D

Acq: 6 Jan 2020 11:11

Instrument :

BNA_G

ClientSampleId :

PB125814BS

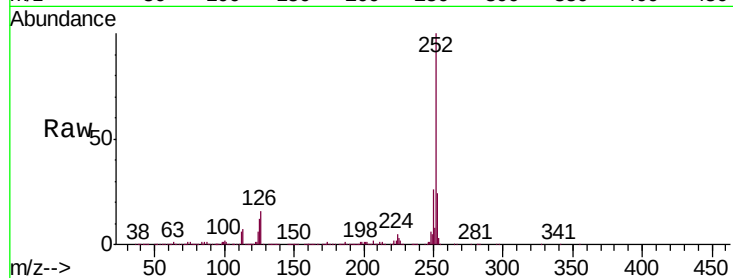
Tgt Ion:252 Resp: 1634041

Ion Ratio Lower Upper

252 100

253 24.1 19.4 29.2

125 11.7 9.9 14.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

800000

600000

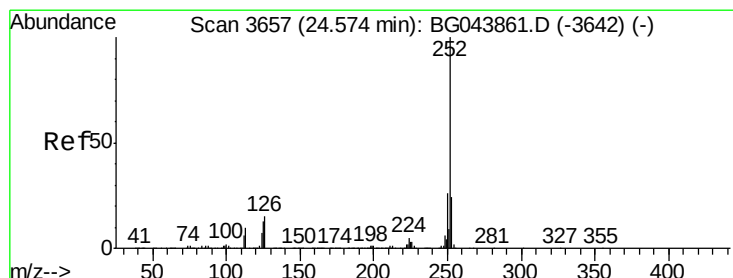
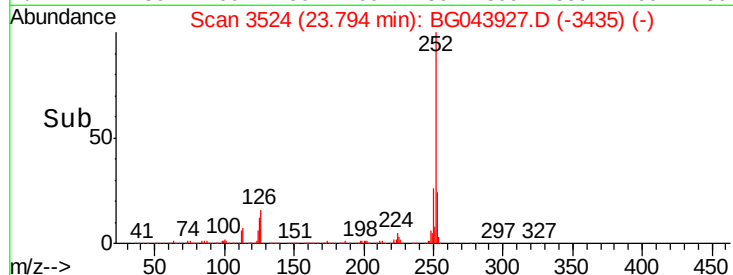
400000

200000

0

23.70 23.80 23.90 24.00

Time-->



#90

Benzo(a)pyrene

Concen: 38.048 ng

RT: 24.57 min Scan# 3656

Delta R.T. -0.00 min

Lab File: BG043927.D

Acq: 6 Jan 2020 11:11

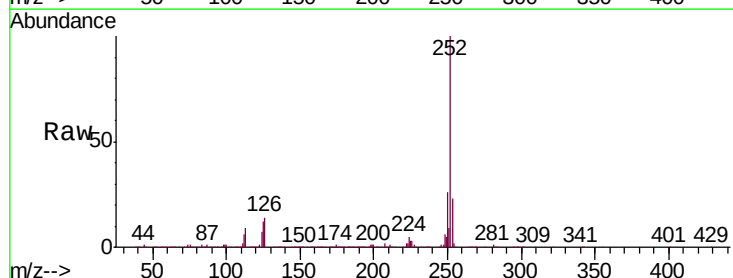
Tgt Ion:252 Resp: 1563246

Ion Ratio Lower Upper

252 100

253 23.2 19.3 28.9

125 12.2 10.4 15.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

600000

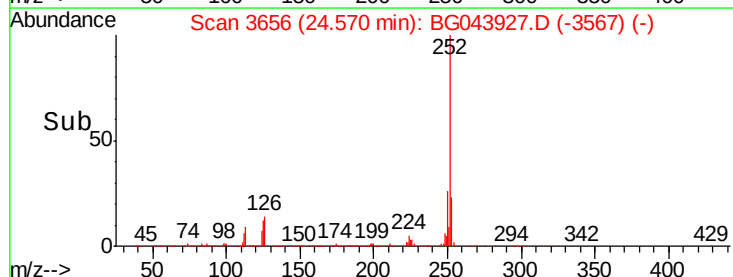
400000

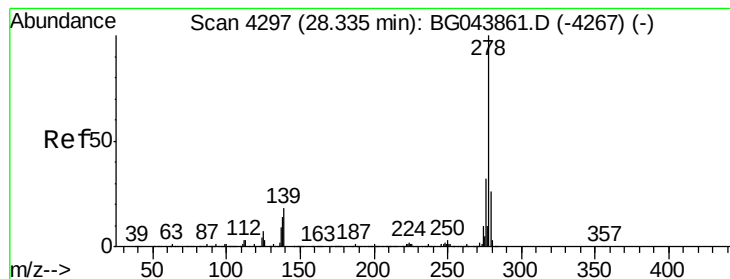
200000

0

24.40 24.60

Time-->





#91

Dibenzo(a,h)anthracene

Concen: 38.946 ng

RT: 28.33 min Scan# 4296

Delta R.T. -0.00 min

Lab File: BG043927.D

Acq: 6 Jan 2020 11:11

Instrument :

BNA_G

ClientSampleId :

PB125814BS

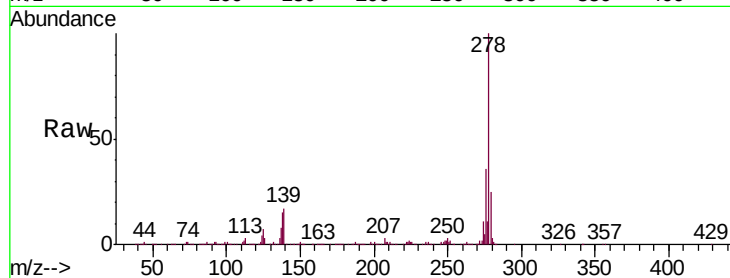
Tgt Ion:278 Resp: 1607042

Ion Ratio Lower Upper

278 100

139 17.0 14.2 21.4

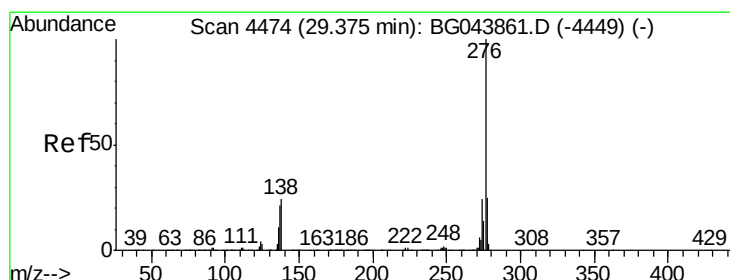
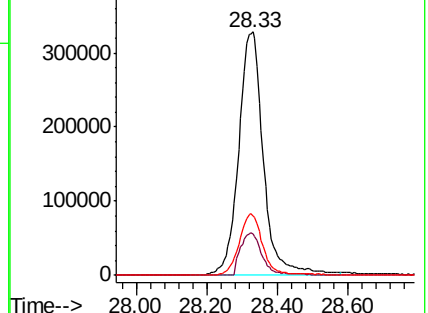
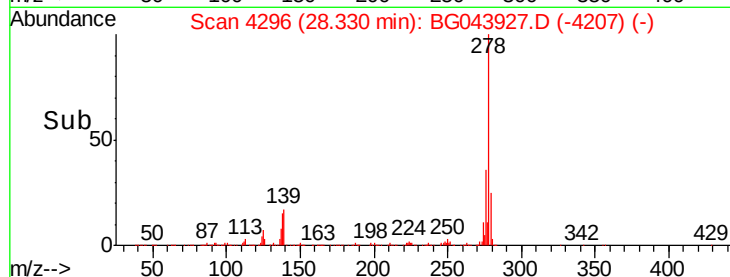
279 24.6 20.6 30.8



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: 38.399 ng

RT: 29.36 min Scan# 4472

Delta R.T. -0.01 min

Lab File: BG043927.D

Acq: 6 Jan 2020 11:11

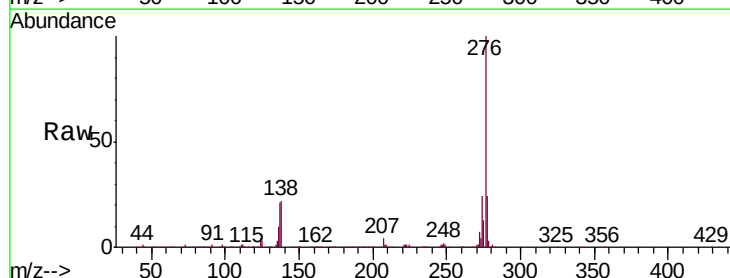
Tgt Ion:276 Resp: 1573855

Ion Ratio Lower Upper

276 100

277 24.2 20.2 30.4

138 22.1 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

