

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080717\
 Data File : BG028164.D
 Acq On : 7 Aug 2017 20:22
 Operator : SJ/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02099

Quant Time: Aug 08 02:21:49 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 08 02:19:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	35881	20.00	ng/ul	0.00
18) Naphthalene-d8	11.18	136	155998	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.96	164	114485	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.71	188	308701	20.00	ng/ul	0.00
75) Chrysene-d12	22.05	240	366734	20.00	ng/ul	0.00
83) Perylene-d12	25.56	264	344648	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.84	96	5632	7.31	ng/uL	0.00
5) Phenol-d5	7.50	99	67995	17.25	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.67	67	46618	18.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.89	132	45574	18.33	ng/ul	0.00
13) 4-Methylphenol-d8	9.05	113	55746	16.93	ng/ul	0.00
19) Nitrobenzene-d5	9.52	128	25248	20.70	ng/ul	0.00
22) 2-Nitrophenol-d4	10.25	143	29187	21.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.79	165	54859	19.82	ng/ul	0.00
29) 4-Chloroaniline-d4	11.31	131	70908	23.02	ng/ul	0.00
43) Dimethylphthalate-d6	14.35	166	204143	20.05	ng/ul	0.00
46) Acenaphthylene-d8	14.66	160	228541	19.91	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	35550	21.96	ng/ul	0.00
57) Fluorene-d10	15.95	176	176966	19.37	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	38237	19.07	ng/ul	0.00
70) Anthracene-d10	17.81	188	294821	19.92	ng/ul	0.00
76) Pyrene-d10	20.09	212	360087	19.15	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.31	264	317367	19.67	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.88	88	7547	9.326	ng/uL# 82
4) Benzaldehyde	7.50	77	43941	19.295	ng/ul# 85
6) Phenol	7.53	94	68719	17.547	ng/ul 89
8) Bis(2-Chloroethyl)ether	7.77	93	49703	18.630	ng/ul 90
10) 2-Chlorophenol	7.92	128	45501	18.782	ng/ul 98
11) 2-Methylphenol	8.79	108	46946	16.982	ng/ul 85
12) 2,2'-oxybis(1-Chloropropan	8.88	45	118380	18.280	ng/ul# 92
14) Acetophenone	9.18	105	82653	17.596	ng/ul 97
15) N-Nitroso-di-n-propylamine	9.15	70	48969	18.343	ng/ul 95
16) 4-Methylphenol	9.11	108	53962	17.288	ng/ul 99
17) Hexachloroethane	9.45	117	19610	19.534	ng/ul 91
20) Nitrobenzene	9.57	77	69621	19.716	ng/ul 97
21) Isophorone	10.08	82	133926	19.963	ng/ul# 96
23) 2-Nitrophenol	10.28	139	27838	20.617	ng/ul 87
24) 2,4-Dimethylphenol	10.32	107	67091	19.991	ng/ul 96
25) Bis(2-Chloroethoxy)methane	10.56	93	74923	20.503	ng/ul 97
27) 2,4-Dichlorophenol	10.82	162	48819	19.380	ng/ul 95
28) Naphthalene	11.23	128	152777	19.774	ng/ul 98
30) 4-Chloroaniline	11.33	127	63823	21.375	ng/ul 96
31) Hexachlorobutadiene	11.50	225	38555	20.735	ng/ul 95
32) Caprolactam	12.09	113	21761	20.774	ng/ul# 70
33) 4-Chloro-3-methylphenol	12.43	107	64362	20.017	ng/ul 96
34) 2-Methylnaphthalene	12.81	142	122806	19.789	ng/ul 94

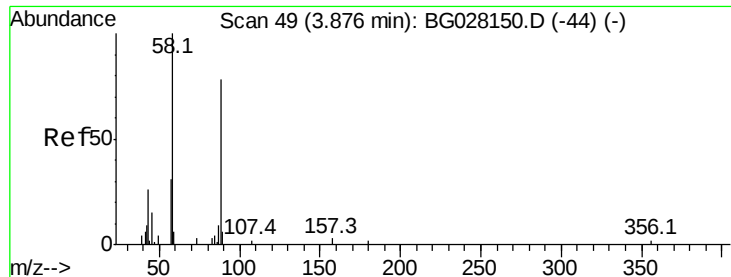
Data Path : Z:\HPCHEM1\BNA G\DATA\BG080717\
 Data File : BG028164.D
 Acq On : 7 Aug 2017 20:22
 Operator : SJ/JU
 Sample : SSTDC0020
 Misc :
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Instrument :
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.17	216	72768	19.719	ng/ul	97
37) Hexachlorocyclopentadiene	13.15	237	35560	17.464	ng/ul#	97
38) 2,4,6-Trichlorophenol	13.40	196	48713	21.180	ng/ul	91
39) 2,4,5-Trichlorophenol	13.48	196	50923	20.313	ng/ul	96
40) 1,1'-Biphenyl	13.80	154	168813	20.189	ng/ul	99
41) 2-Chloronaphthalene	13.85	162	125705	19.024	ng/ul	96
42) 2-Nitroaniline	14.05	65	56148	20.267	ng/ul	97
44) Dimethylphthalate	14.40	163	187855	20.037	ng/ul	100
45) 2,6-Dinitrotoluene	14.53	165	39629	20.472	ng/ul	95
47) Acenaphthylene	14.69	152	217169	19.794	ng/ul	99
48) 3-Nitroaniline	14.87	138	36069	20.693	ng/ul#	98
49) Acenaphthene	15.03	153	147792	19.965	ng/ul	95
50) 2,4-Dinitrophenol	15.07	184	21168	19.408	ng/ul#	83
52) 4-Nitrophenol	15.16	109	34548	20.595	ng/ul#	74
53) Dibenzofuran	15.36	168	211578	19.603	ng/ul	97
54) 2,4-Dinitrotoluene	15.32	165	61387	20.925	ng/ul	93
55) 2,3,4,6-Tetrachlorophenol	15.59	232	47716	20.437	ng/ul#	91
56) Diethylphthalate	15.76	149	219566	19.963	ng/ul	97
58) Fluorene	16.01	166	186509	19.518	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.99	204	98358	19.186	ng/ul	87
60) 4-Nitroaniline	16.03	138	44244	21.395	ng/ul	85
63) 4,6-Dinitro-2-methylphenol	16.08	198	40138	19.739	ng/ul#	95
64) N-Nitrosodiphenylamine	16.20	169	158500	19.516	ng/ul	96
65) 4-Bromophenyl-phenylether	16.89	248	65744	19.815	ng/ul	90
66) Hexachlorobenzene	17.01	284	73041	20.679	ng/ul	97
67) Atrazine	17.14	200	74310	20.987	ng/ul	98
68) Pentachlorophenol	17.36	266	34354	19.202	ng/ul	94
69) Phenanthrene	17.75	178	314097	20.218	ng/ul	99
71) Anthracene	17.85	178	321086	20.222	ng/ul	99
72) Carbazole	18.12	167	287159	20.795	ng/ul	99
73) Di-n-butylphthalate	18.64	149	368717	21.450	ng/ul	97
74) Fluoranthene	19.75	202	396080	20.978	ng/ul	98
77) Pyrene	20.12	202	413336	18.891	ng/ul	98
78) Butylbenzylphthalate	20.98	149	167852	20.478	ng/ul	95
79) 3,3'-Dichlorobenzidine	21.93	252	140355	19.837	ng/ul#	99
80) Benzo(a)anthracene	22.03	228	420719	19.855	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.88	149	238175	20.432	ng/ul	99
82) Chrysene	22.10	228	378987	19.859	ng/ul	99
84) Di-n-octyl phthalate	23.19	149	409886	19.845	ng/ul	100
85) Benzo(b)fluoranthene	24.50	252	403190	19.549	ng/ul	98
86) Benzo(k)fluoranthene	24.50	252	403190	20.014	ng/ul	100
88) Benzo(a)pyrene	25.39	252	393831	19.722	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	29.58	276	458318	19.599	ng/ul#	98
90) Dibenzo(a,h)anthracene	29.63	278	387523	19.772	ng/ul#	92
91) Benzo(g,h,i)perylene	30.84	276	376459	19.569	ng/ul	97

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



#2

1,4-Dioxane

Concen: 9.326 ng/uL

RT: 3.88 min Scan# 49

Delta R.T. 0.00 min

Lab File: BG028164.D

Acq: 7 Aug 2017 20:22

Instrument :

BNA_G

ClientSampleId :

SSTD02099

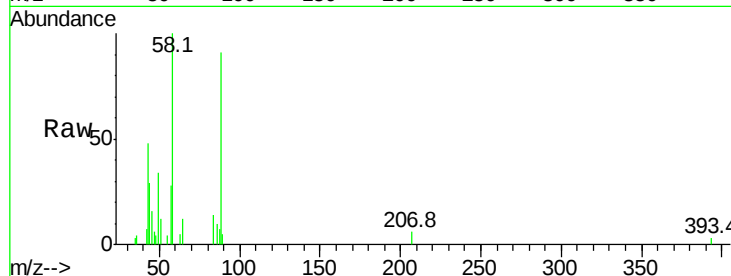
Tot Ion: 88 Resp: 7547

Ion Ratio Lower Upper

88 100

43 52.4 39.2 58.8

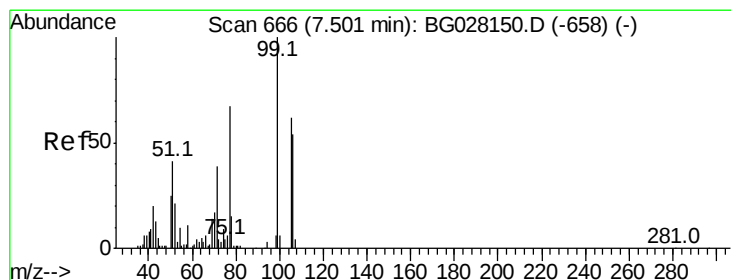
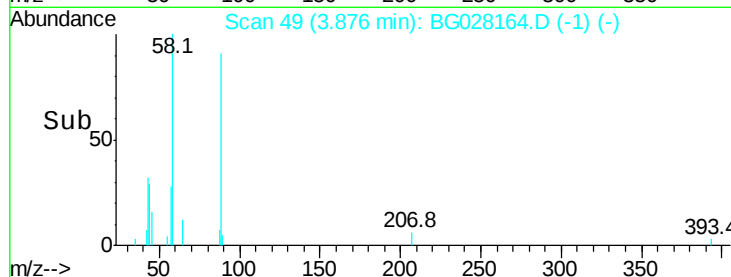
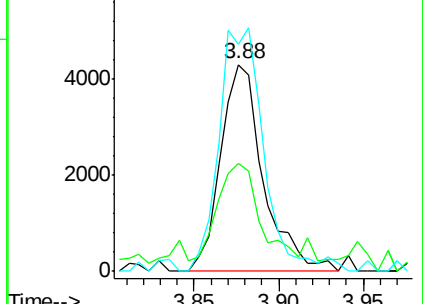
58 110.2 69.4 104.0#



Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 43.00 (42.70 to 43.70): BGC

Ion 58.00 (57.70 to 58.70): BGC



#4

Benzaldehyde

Concen: 19.295 ng/uL

RT: 7.50 min Scan# 665

Delta R.T. -0.01 min

Lab File: BG028164.D

Acq: 7 Aug 2017 20:22

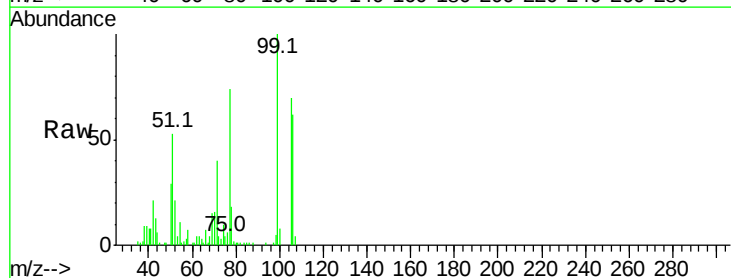
Tgt Ion: 77 Resp: 43941

Ion Ratio Lower Upper

77 100

105 94.6 62.0 93.0#

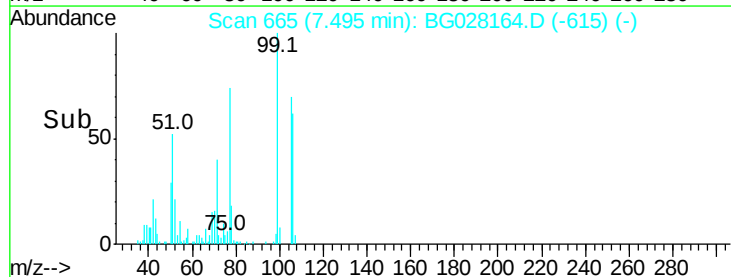
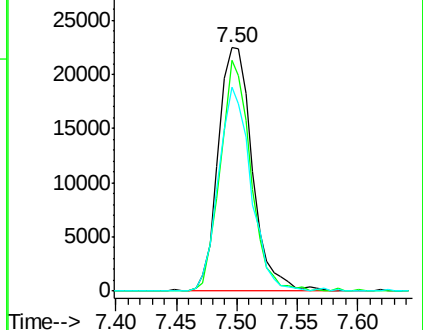
106 84.0 60.2 90.4

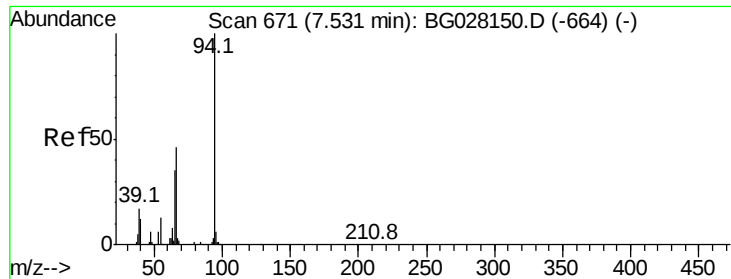


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC





#6

Phenol

Concen: 17.547 ng/ul

RT: 7.53 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG028164.D

Acq: 7 Aug 2017 20:22

Instrument :

BNA_G

ClientSampleId :

SSTD02099

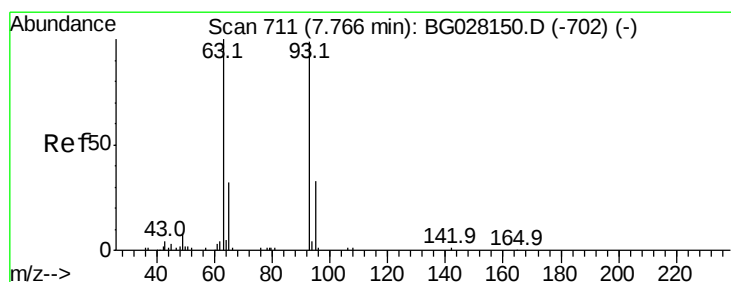
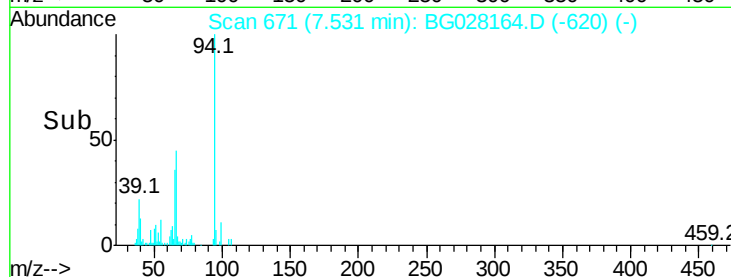
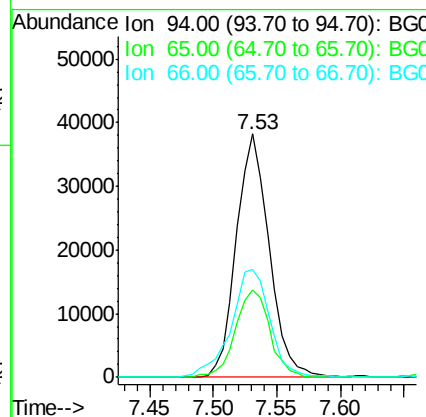
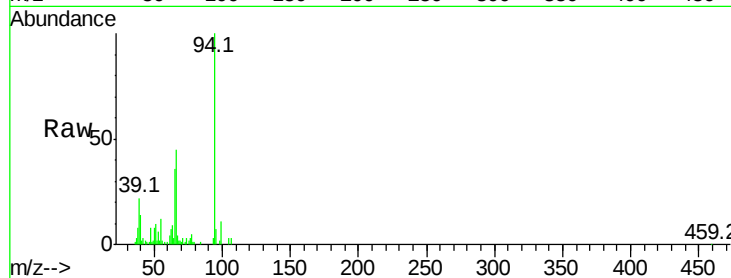
Tot Ion: 94 Resp: 68719

Ion Ratio Lower Upper

94 100

65 35.7 26.8 40.2

66 44.5 44.4 66.6



#8

Bis(2-Chloroethyl)ether

Concen: 18.630 ng/ul

RT: 7.77 min Scan# 711

Delta R.T. 0.00 min

Lab File: BG028164.D

Acq: 7 Aug 2017 20:22

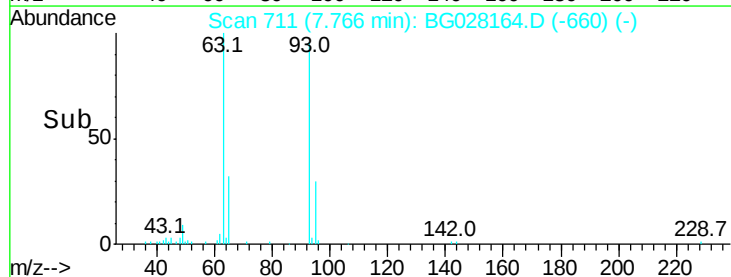
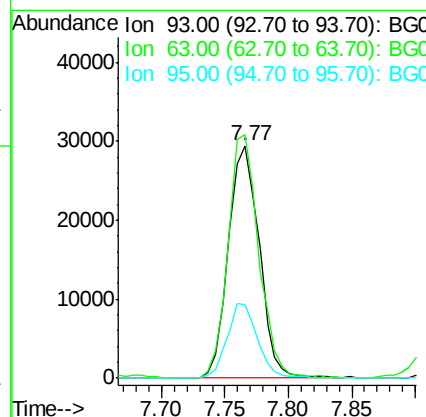
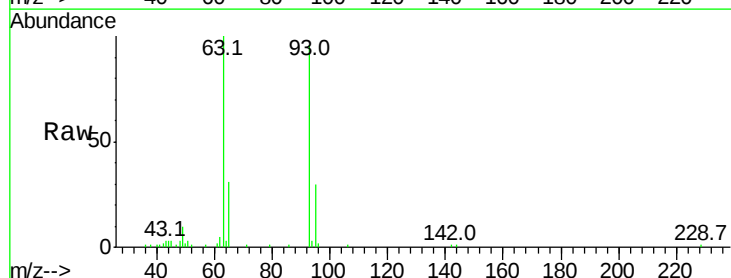
Tgt Ion: 93 Resp: 49703

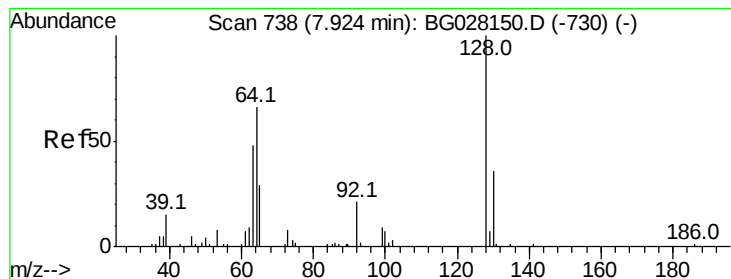
Ion Ratio Lower Upper

93 100

63 104.7 75.5 113.3

95 31.6 29.2 43.8





#10

2-Chlorophenol

Concen: 18.782 ng/ul

RT: 7.92 min Scan# 737

Delta R.T. -0.01 min

Lab File: BG028164.D

Acq: 7 Aug 2017 20:22

Instrument :

BNA_G

ClientSampleId :

SSTD02099

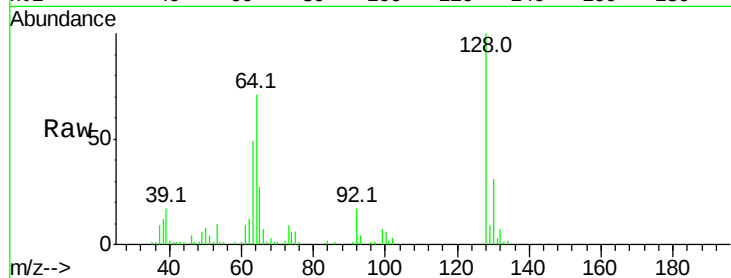
Tot Ion:128 Resp: 45501

Ion Ratio Lower Upper

128 100

64 70.9 56.3 84.5

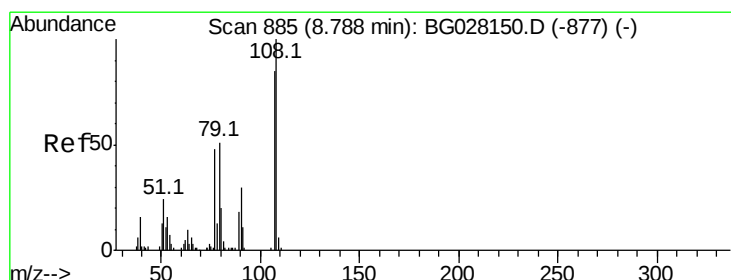
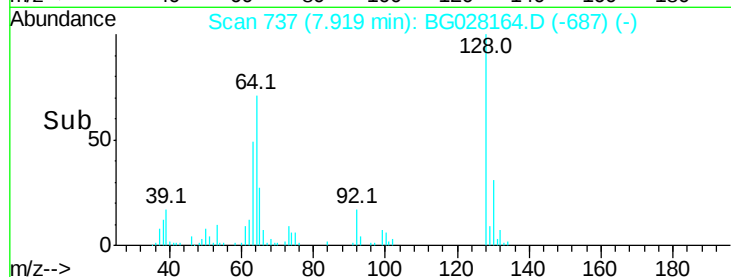
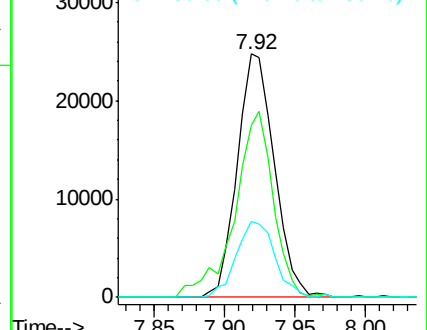
130 31.3 26.7 40.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 16.982 ng/ul

RT: 8.79 min Scan# 885

Delta R.T. 0.00 min

Lab File: BG028164.D

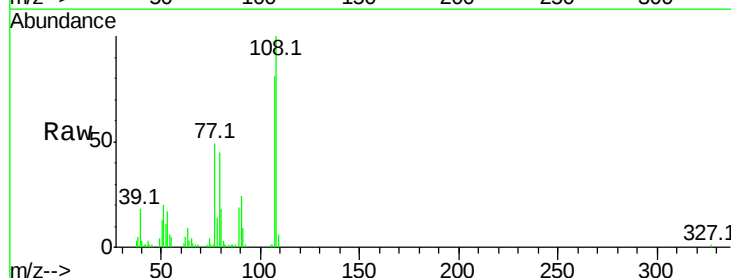
Acq: 7 Aug 2017 20:22

Tgt Ion:108 Resp: 46946

Ion Ratio Lower Upper

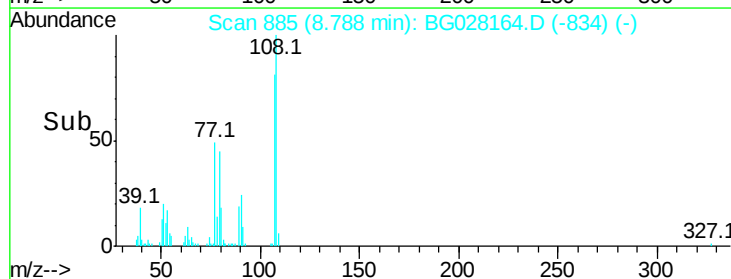
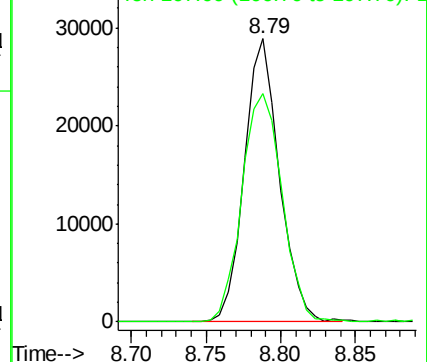
108 100

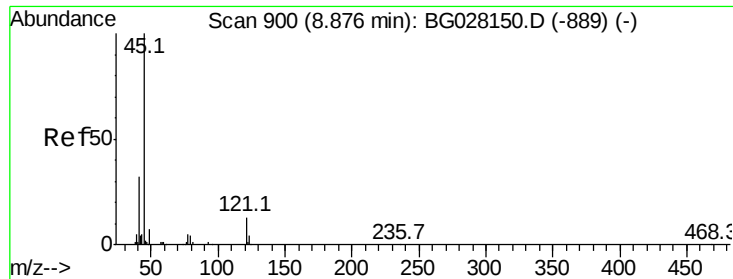
107 80.8 76.7 115.1



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

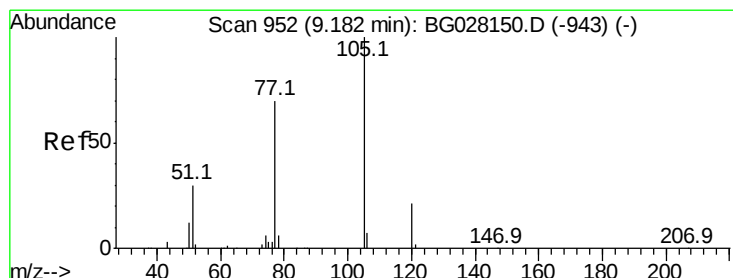
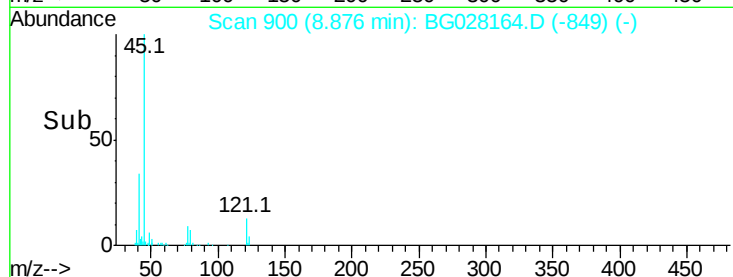
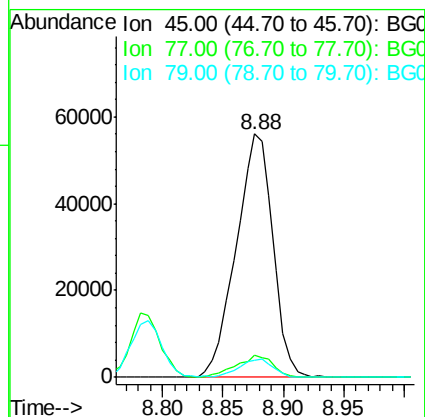
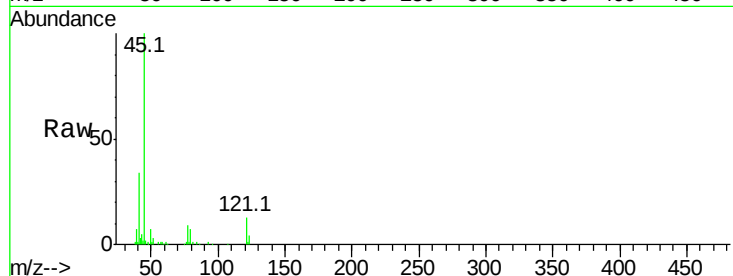




#12
2,2'-oxvbis(1-Chloropropane)
Concen: 18.280 ng/ul
RT: 8.88 min Scan# 900
Delta R.T. 0.00 min
Lab File: BG028164.D
Acq: 7 Aug 2017 20:22

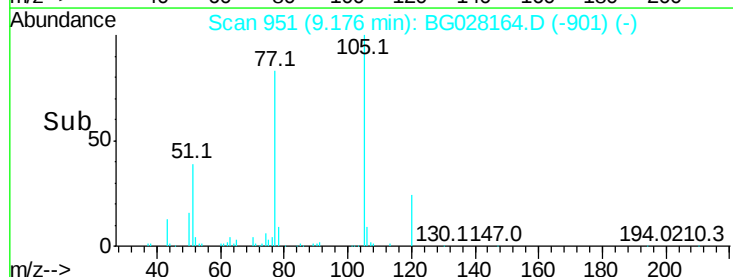
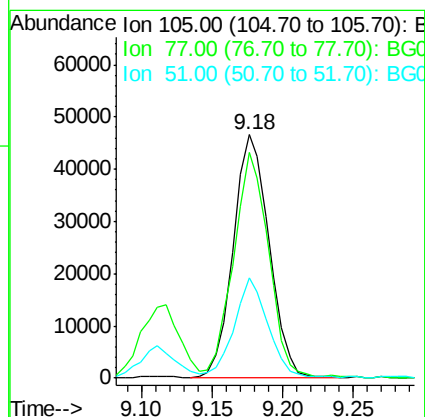
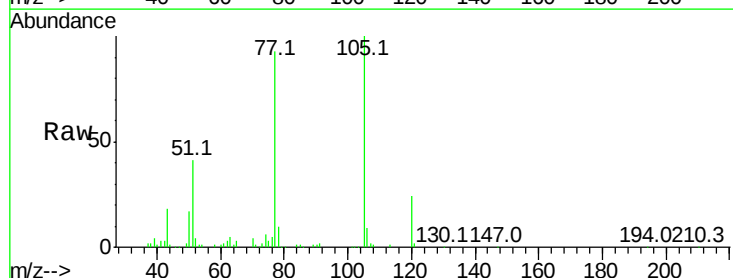
Instrument :
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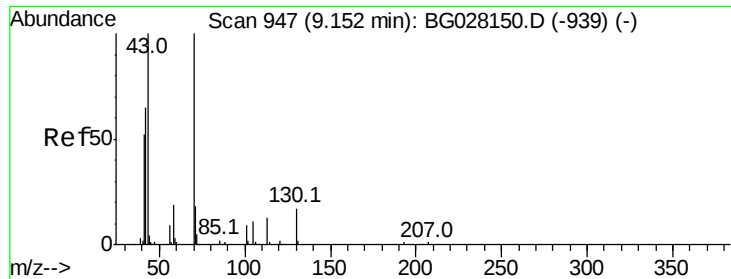
Tot Ion: 45 Resp: 118380
Ion Ratio Lower Upper
45 100
77 9.1 10.0 15.0#
79 6.8 7.3 10.9#



#14
Acetophenone
Concen: 17.596 ng/ul
RT: 9.18 min Scan# 951
Delta R.T. -0.01 min
Lab File: BG028164.D
Acq: 7 Aug 2017 20:22

Tgt Ion:105 Resp: 82653
Ion Ratio Lower Upper
105 100
77 92.6 76.0 114.0
51 41.1 34.8 52.2

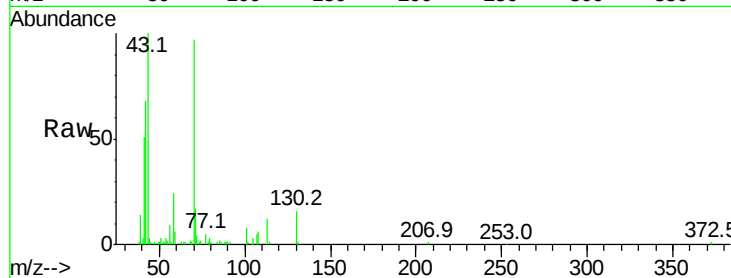




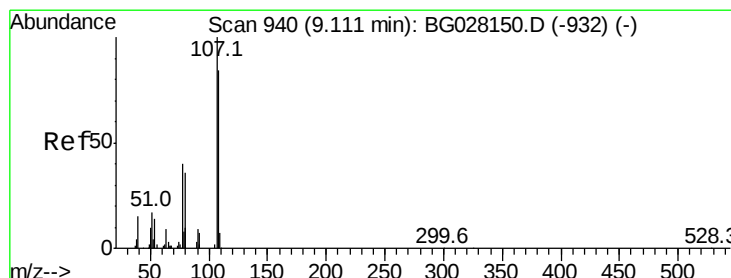
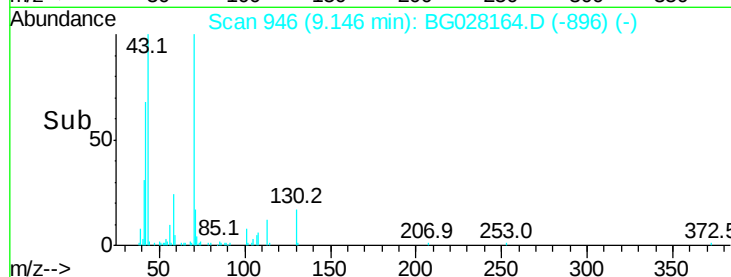
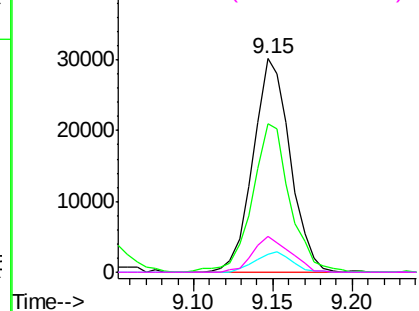
#15
N-Nitroso-di-n-propylamine
Concen: 18.343 ng/ul
RT: 9.15 min Scan# 946
Delta R.T. -0.01 min
Lab File: BG028164.D
Acq: 7 Aug 2017 20:22

Instrument :
BNA_G
ClientSampleId :
SSTD02099

Tot Ion: 70 Resp: 48969
Ion Ratio Lower Upper
70 100
42 69.5 59.0 88.6
101 8.4 6.6 9.8
130 16.8 15.6 23.4

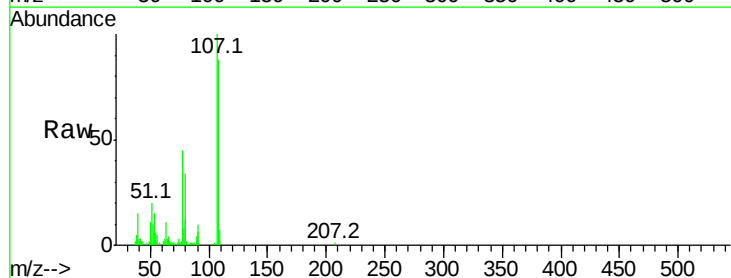


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

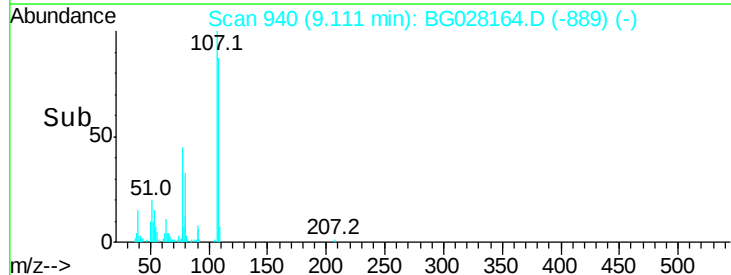
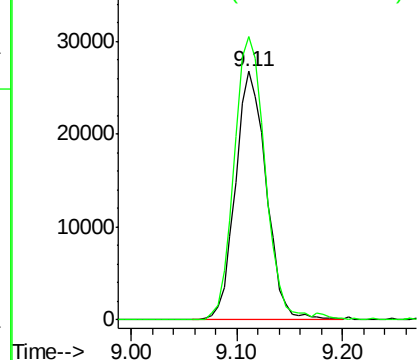


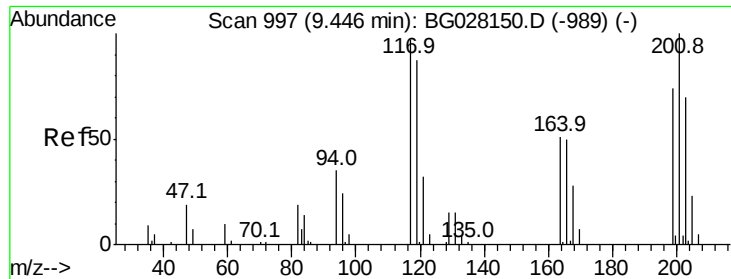
#16
4-Methylphenol
Concen: 17.288 ng/ul
RT: 9.11 min Scan# 940
Delta R.T. 0.00 min
Lab File: BG028164.D
Acq: 7 Aug 2017 20:22

Tgt Ion: 108 Resp: 53962
Ion Ratio Lower Upper
108 100
107 114.0 91.7 137.5



Abundance Ion 108.00 (107.70 to 108.70): BGC
Ion 107.00 (106.70 to 107.70): BGC

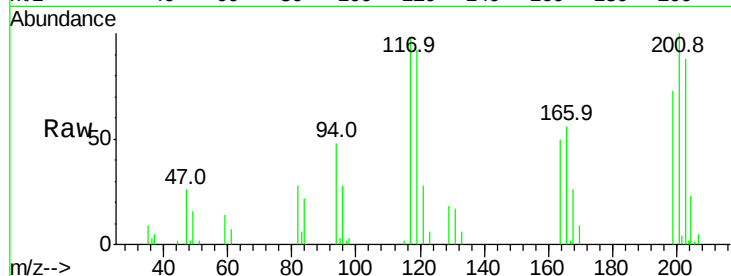




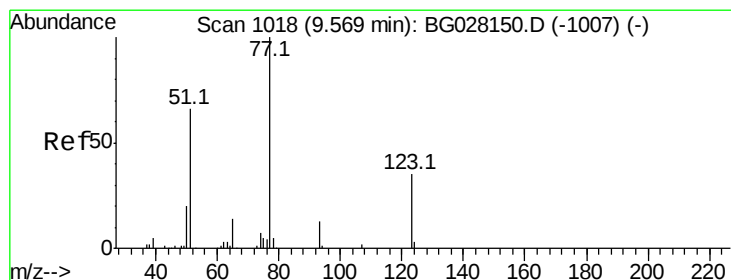
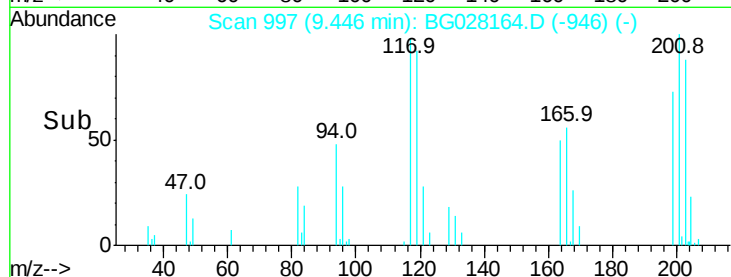
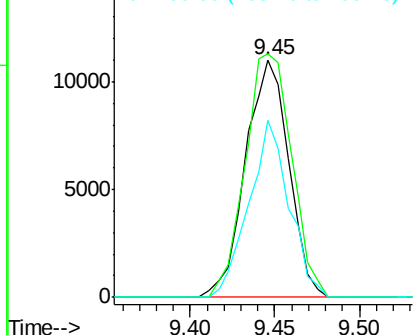
#17
Hexachloroethane
Concen: 19.534 ng/ul
RT: 9.45 min Scan# 997
Delta R.T. 0.00 min
Lab File: BG028164.D
Acq: 7 Aug 2017 20:22

Instrument :
BNA_G
ClientSampleId :
SSTD02099

Tot Ion:117 Resp: 19610
Ion Ratio Lower Upper
117 100
201 102.5 91.9 137.9
199 74.6 64.3 96.5

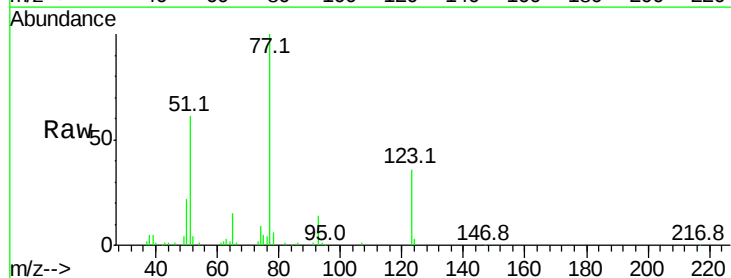


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

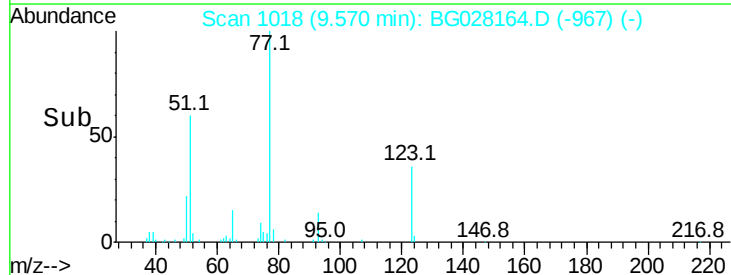
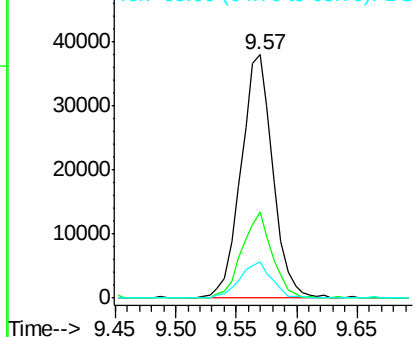


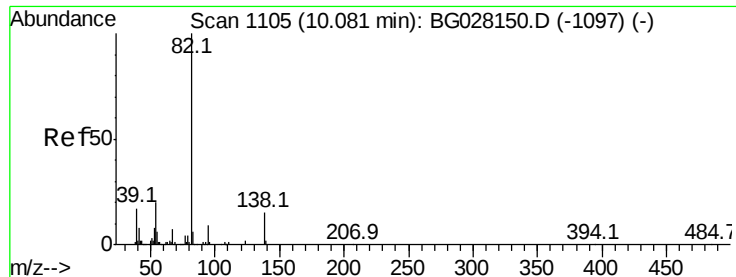
#20
Nitrobenzene
Concen: 19.716 ng/ul
RT: 9.57 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BG028164.D
Acq: 7 Aug 2017 20:22

Tgt Ion: 77 Resp: 69621
Ion Ratio Lower Upper
77 100
123 35.5 27.4 41.0
65 14.8 13.3 19.9



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





#21

Isophorone

Concen: 19.963 ng/ul

RT: 10.08 min Scan# 1105

Delta R.T. 0.00 min

Lab File: BG028164.D

Acq: 7 Aug 2017 20:22

Instrument :

BNA_G

ClientSampleId :

SSTD02099

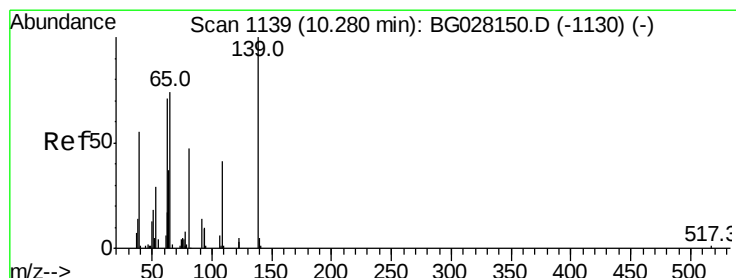
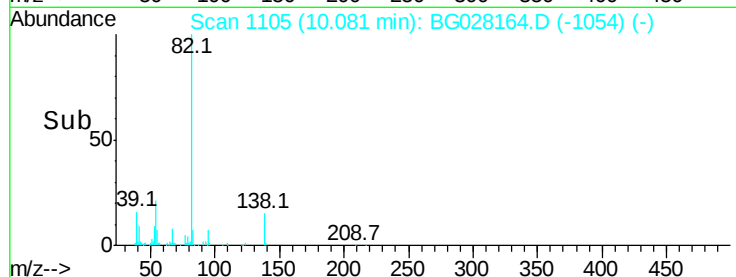
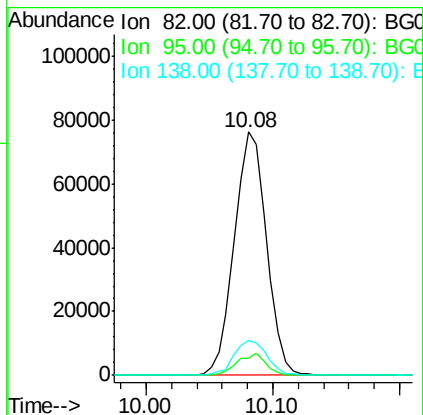
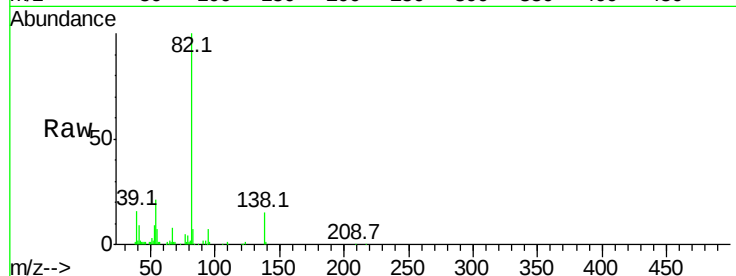
Tot Ion: 82 Resp: 133926

Ion Ratio Lower Upper

82 100

95 7.0 7.8 11.6#

138 14.5 12.2 18.2



#23

2-Nitrophenol

Concen: 20.617 ng/ul

RT: 10.28 min Scan# 1139

Delta R.T. 0.00 min

Lab File: BG028164.D

Acq: 7 Aug 2017 20:22

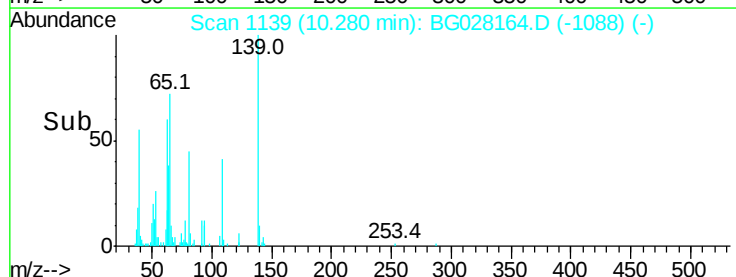
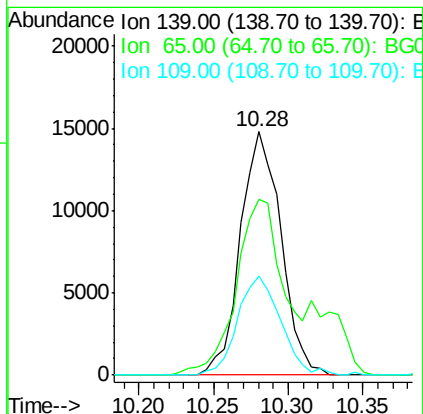
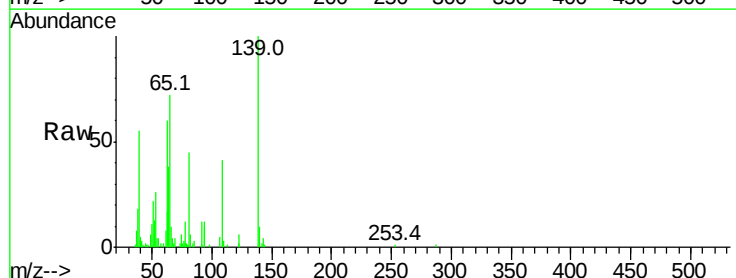
Tgt Ion: 139 Resp: 27838

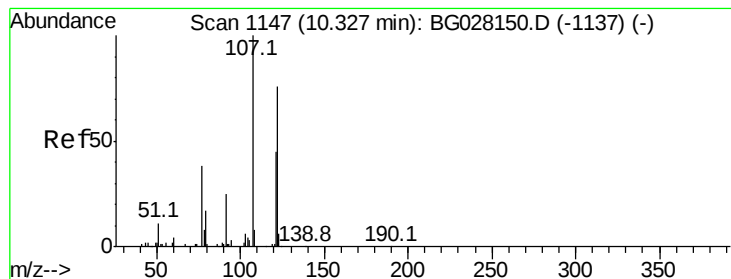
Ion Ratio Lower Upper

139 100

65 72.4 67.0 100.6

109 40.7 39.6 59.4





#24

2,4-Dimethylphenol

Concen: 19.991 ng/ul

RT: 10.32 min Scan# 1146

Delta R.T. -0.01 min

Lab File: BG028164.D

Acq: 7 Aug 2017 20:22

Instrument :

BNA_G

ClientSampleId :

SSTD02099

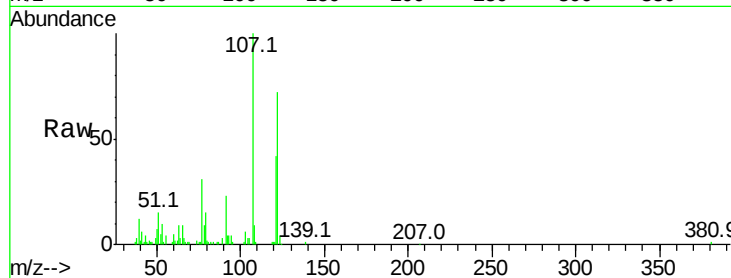
Tot Ion:107 Resp: 67091

Ion Ratio Lower Upper

107 100

121 41.7 32.3 48.5

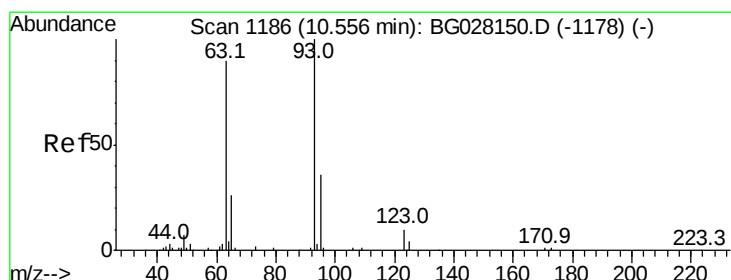
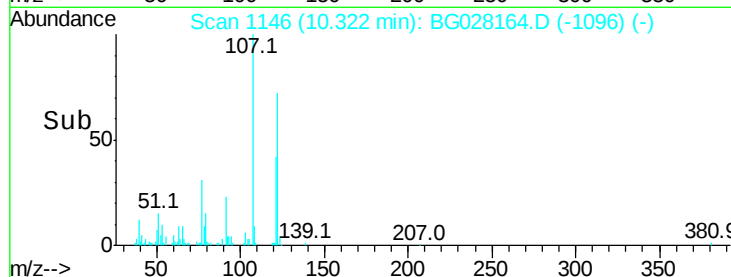
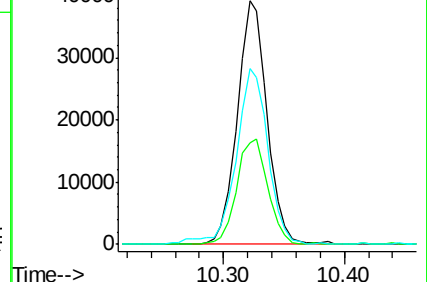
122 72.0 61.2 91.8



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#25

Bis(2-Chloroethoxy)methane

Concen: 20.503 ng/ul

RT: 10.56 min Scan# 1186

Delta R.T. 0.00 min

Lab File: BG028164.D

Acq: 7 Aug 2017 20:22

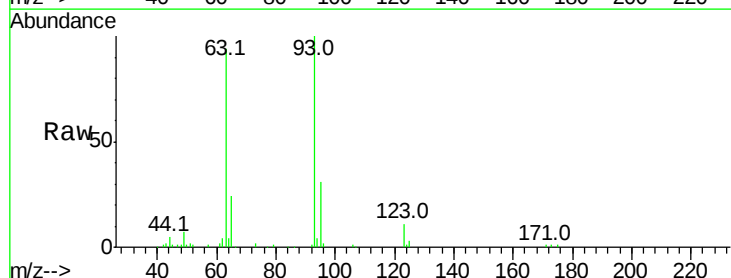
Tgt Ion: 93 Resp: 74923

Ion Ratio Lower Upper

93 100

95 30.9 23.4 35.0

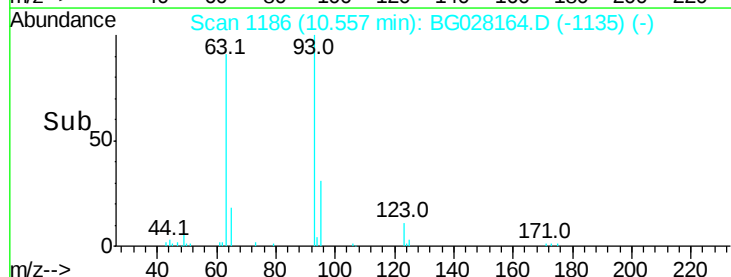
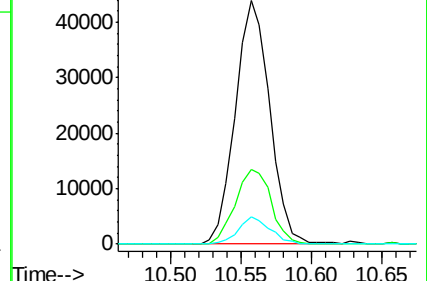
123 11.3 7.8 11.6

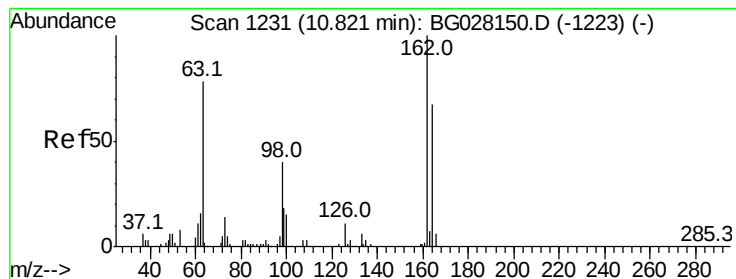


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





#27

2,4-Dichlorophenol

Concen: 19.380 ng/ul

RT: 10.82 min Scan# 1231

Delta R.T. 0.00 min

Lab File: BG028164.D

Acq: 7 Aug 2017 20:22

Instrument :

BNA_G

ClientSampleId :

SSTD02099

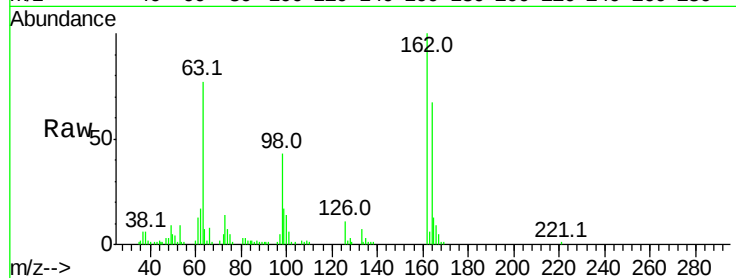
Tot Ion:162 Resp: 48819

Ion Ratio Lower Upper

162 100

164 67.0 50.8 76.2

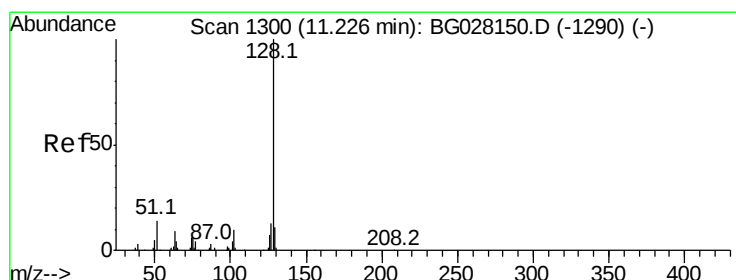
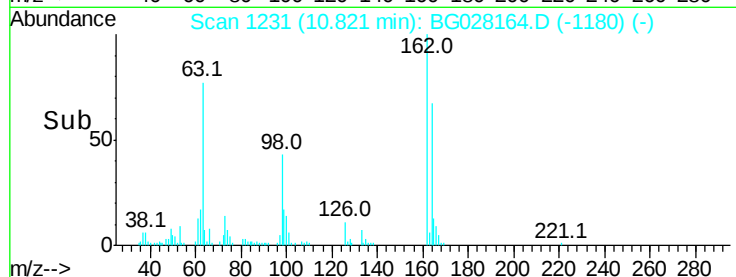
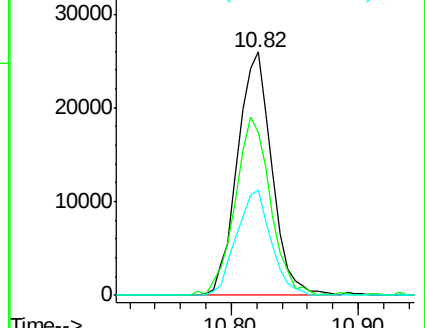
98 43.3 32.1 48.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#28

Naphthalene

Concen: 19.774 ng/ul

RT: 11.23 min Scan# 1300

Delta R.T. 0.00 min

Lab File: BG028164.D

Acq: 7 Aug 2017 20:22

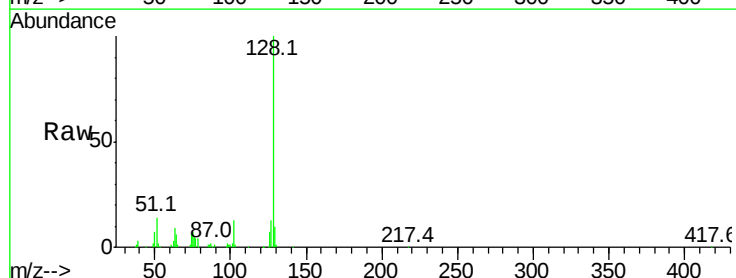
Tgt Ion:128 Resp: 152777

Ion Ratio Lower Upper

128 100

129 10.4 9.4 14.2

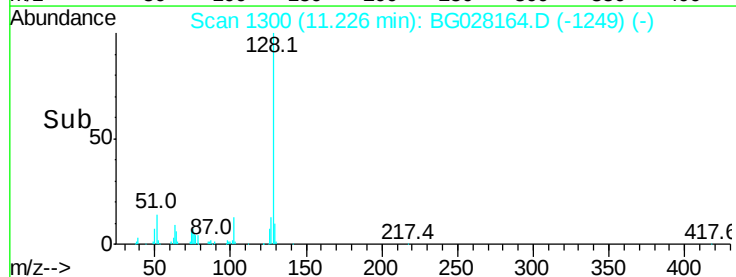
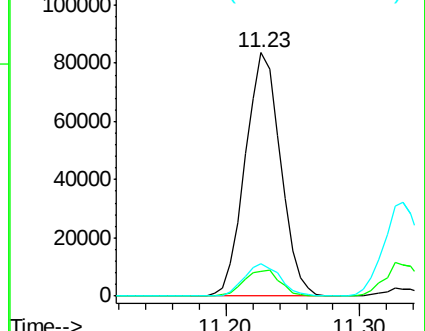
127 13.4 10.3 15.5

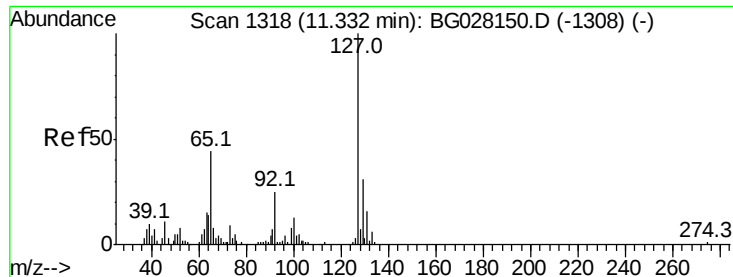


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

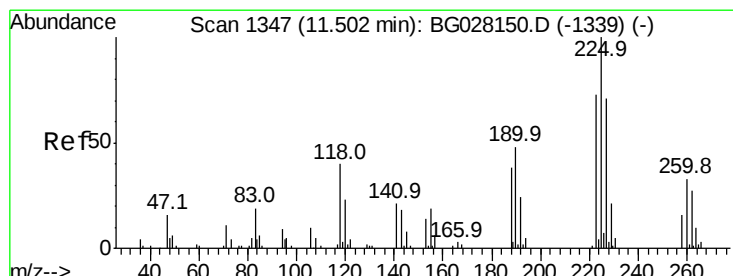
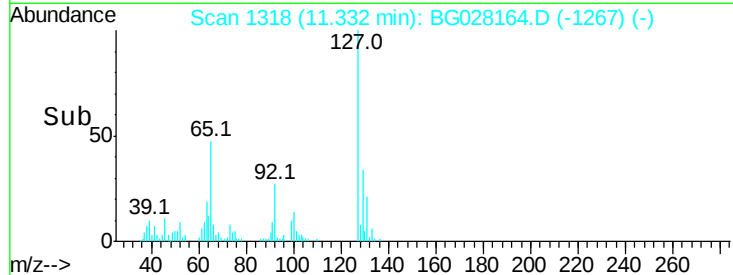
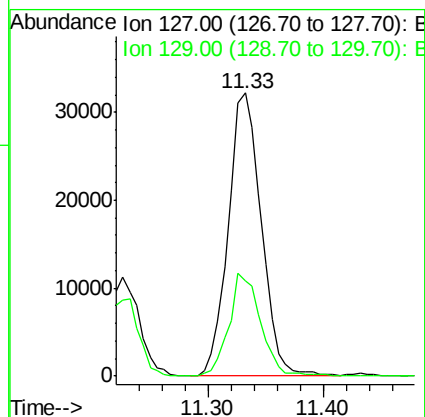
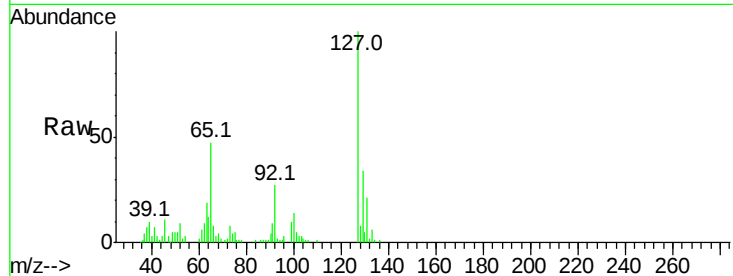




#30
4-Chloroaniline
Concen: 21.375 ng/ul
RT: 11.33 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BG028164.D
Acq: 7 Aug 2017 20:22

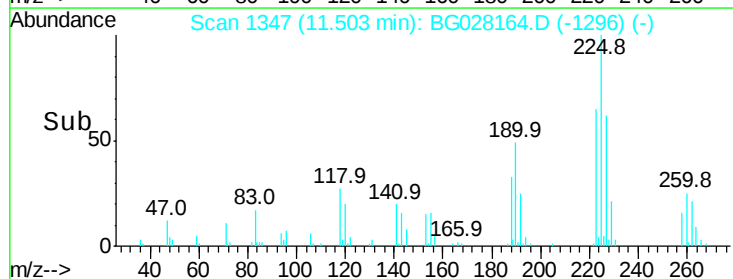
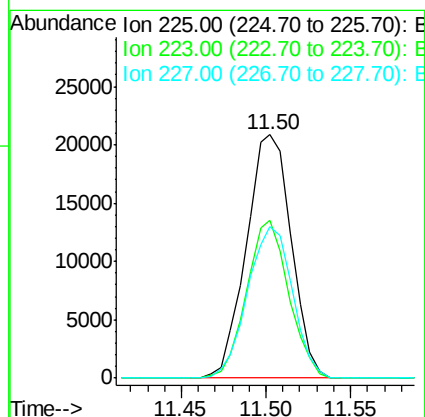
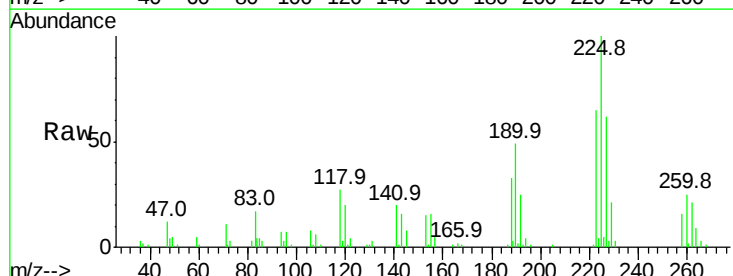
Instrument :
BNA_G
ClientSampleId :
SSTD02099

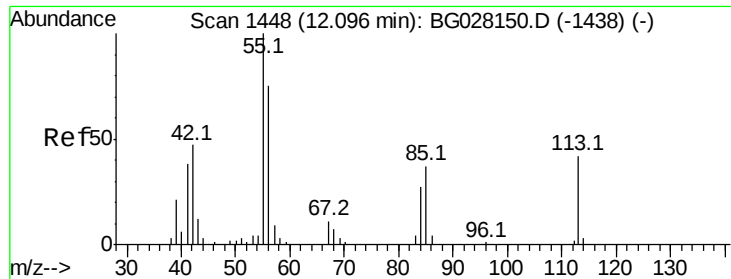
Tot Ion:127 Resp: 63823
Ion Ratio Lower Upper
127 100
129 33.8 28.9 43.3



#31
Hexachlorobutadiene
Concen: 20.735 ng/ul
RT: 11.50 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BG028164.D
Acq: 7 Aug 2017 20:22

Tgt Ion:225 Resp: 38555
Ion Ratio Lower Upper
225 100
223 61.6 45.9 68.9
227 58.9 44.7 67.1





#32

Caprolactam

Concen: 20.774 ng/ul

RT: 12.09 min Scan# 1447

Delta R.T. -0.01 min

Lab File: BG028164.D

Acq: 7 Aug 2017 20:22

Instrument :

BNA_G

ClientSampleId :

SSTD02099

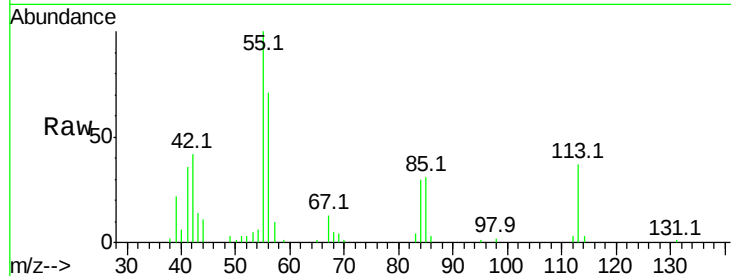
Tot Ion:113 Resp: 21761

Ion Ratio Lower Upper

113 100

55 267.1 168.6 252.8#

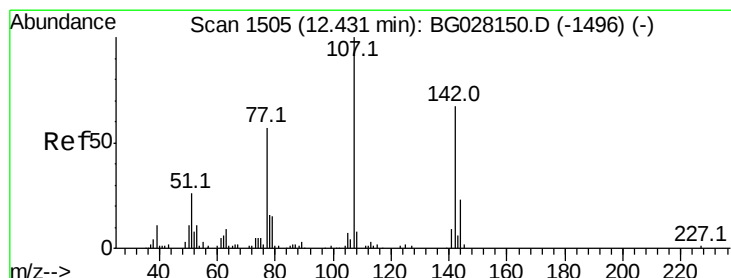
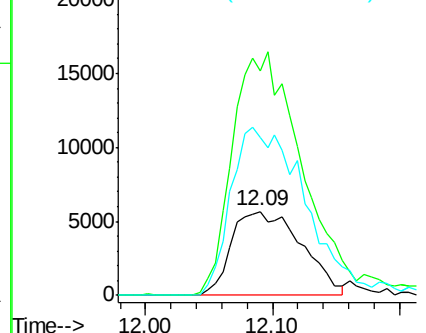
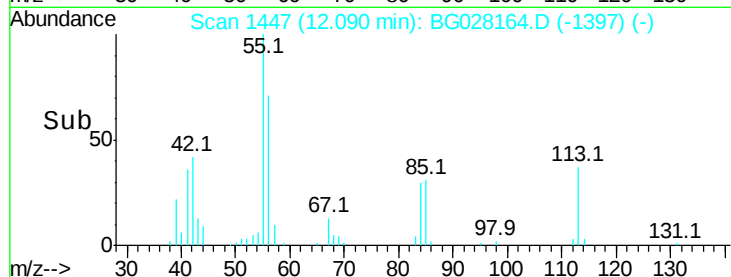
56 188.4 128.5 192.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#33

4-Chloro-3-methylphenol

Concen: 20.017 ng/ul

RT: 12.43 min Scan# 1505

Delta R.T. 0.00 min

Lab File: BG028164.D

Acq: 7 Aug 2017 20:22

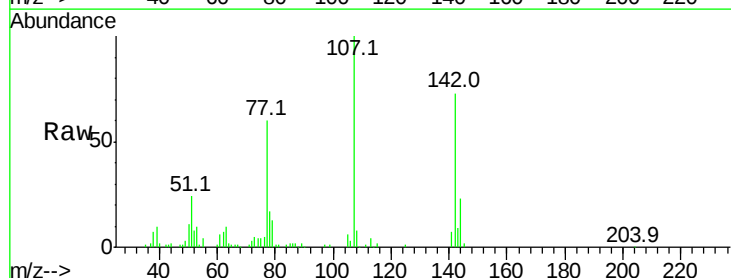
Tgt Ion:107 Resp: 64362

Ion Ratio Lower Upper

107 100

144 22.7 18.2 27.4

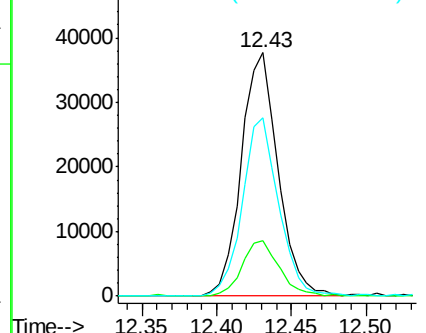
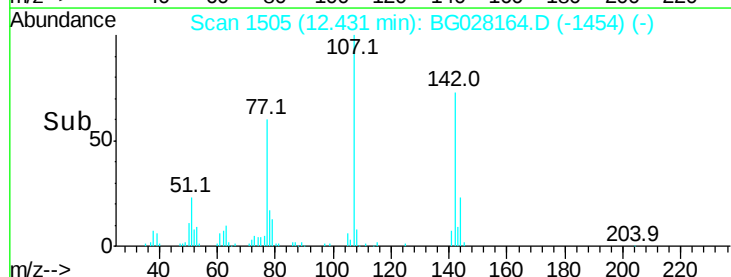
142 73.1 55.0 82.4

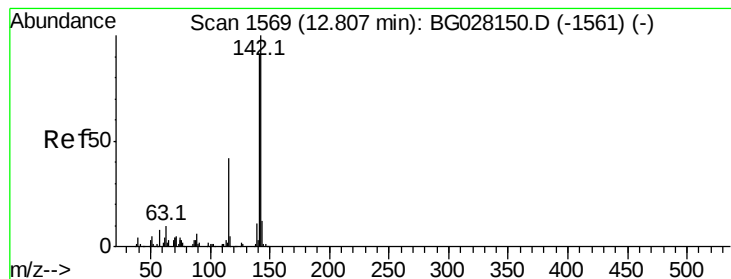


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 19.789 ng/ul

RT: 12.81 min Scan# 1569

Delta R.T. 0.00 min

Lab File: BG028164.D

Acq: 7 Aug 2017 20:22

Instrument :

BNA_G

ClientSampleId :

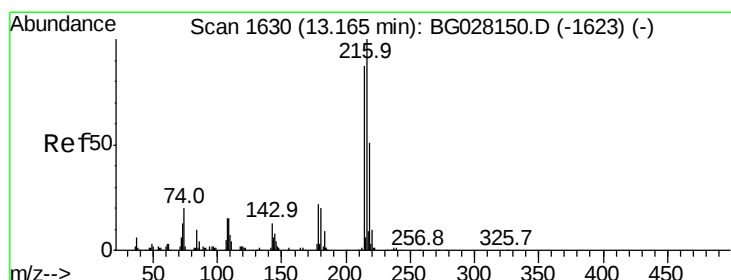
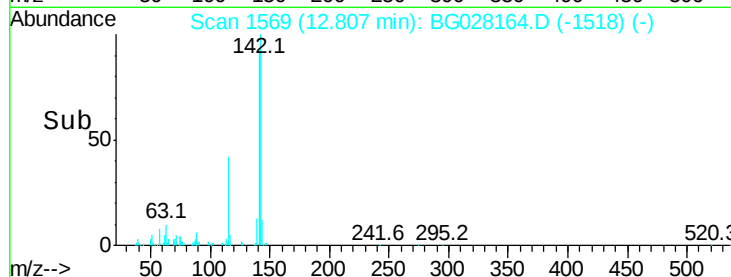
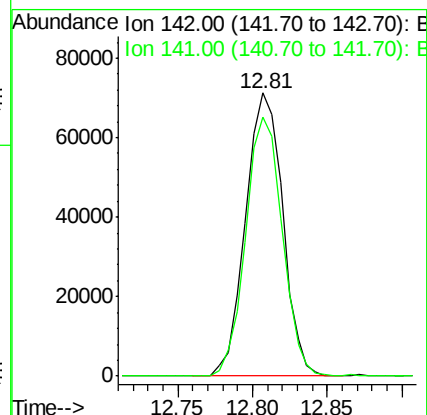
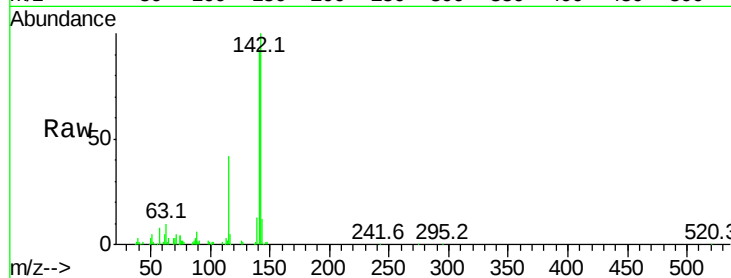
SSTD02099

Tot Ion:142 Resp: 122806

Ion Ratio Lower Upper

142 100

141 91.5 68.6 102.8



#36

1,2,4,5-Tetrachlorobenzene

Concen: 19.719 ng/ul

RT: 13.17 min Scan# 1631

Delta R.T. 0.01 min

Lab File: BG028164.D

Acq: 7 Aug 2017 20:22

Tgt Ion:216 Resp: 72768

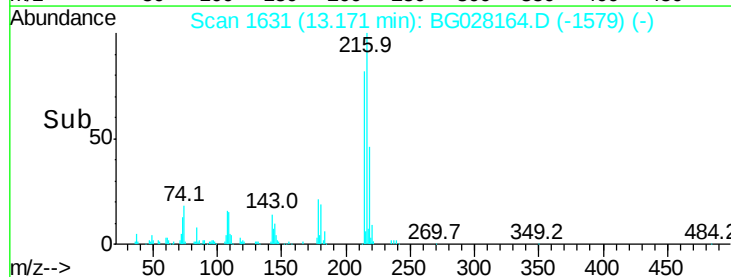
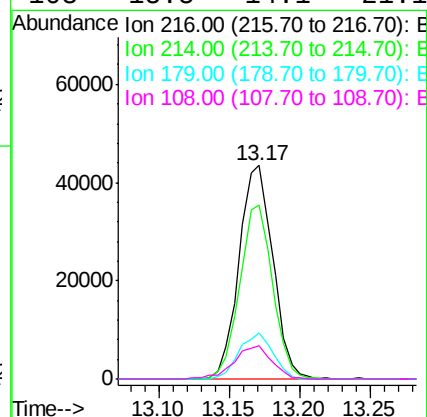
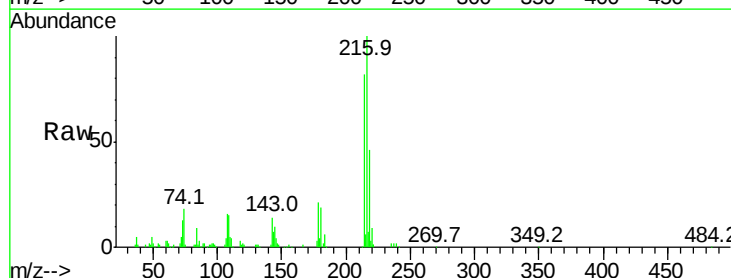
Ion Ratio Lower Upper

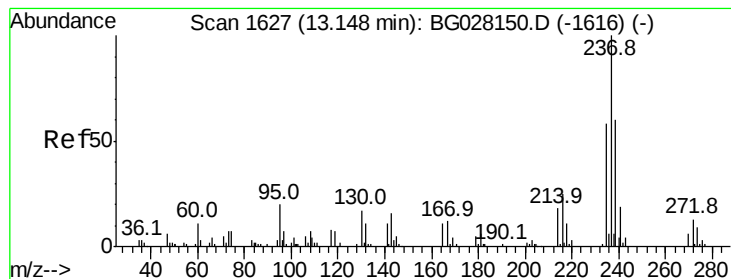
216 100

214 81.5 67.0 100.6

179 21.4 18.1 27.1

108 15.5 14.1 21.1





#37

Hexachlorocyclopentadiene

Concen: 17.464 ng/ul

RT: 13.15 min Scan# 1627

Delta R.T. 0.00 min

Lab File: BG028164.D

Acq: 7 Aug 2017 20:22

Instrument :

BNA_G

ClientSampleId :

SSTD02099

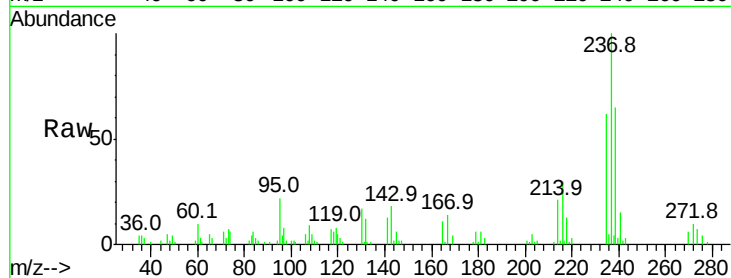
Tot Ion:237 Resp: 35560

Ion Ratio Lower Upper

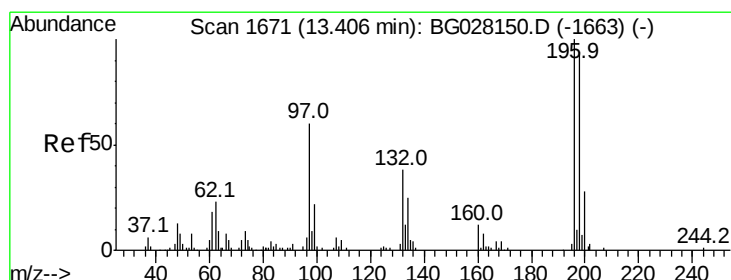
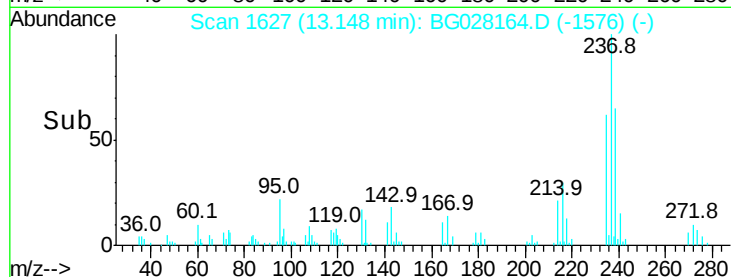
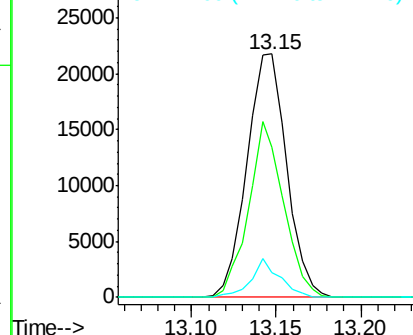
237 100

235 61.8 50.2 75.4

272 9.9 10.6 16.0#



Abundance Ion 237.00 (236.70 to 237.70): E
Ion 235.00 (234.70 to 235.70): E
Ion 272.00 (271.70 to 272.70): E



#38

2,4,6-Trichlorophenol

Concen: 21.180 ng/ul

RT: 13.40 min Scan# 1670

Delta R.T. -0.01 min

Lab File: BG028164.D

Acq: 7 Aug 2017 20:22

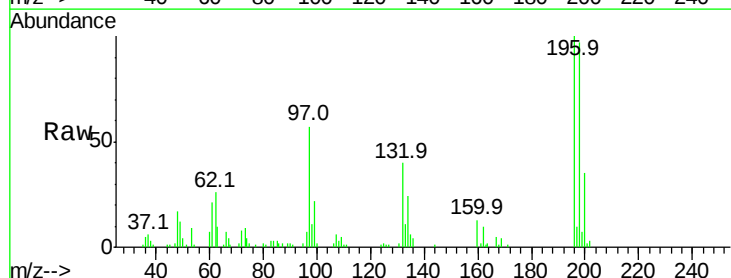
Tgt Ion:196 Resp: 48713

Ion Ratio Lower Upper

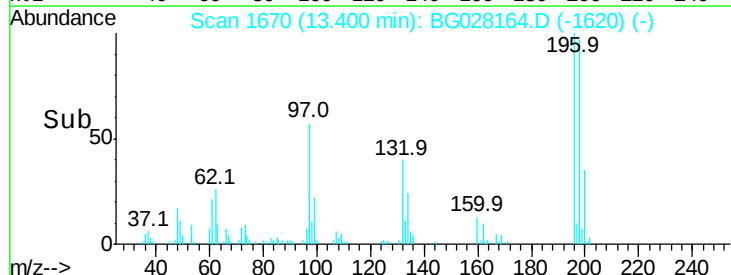
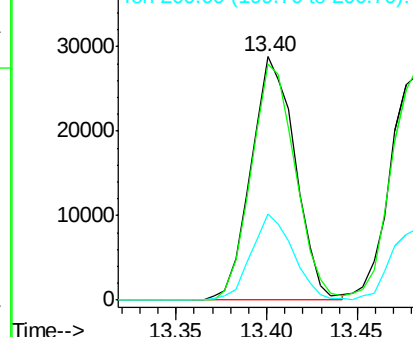
196 100

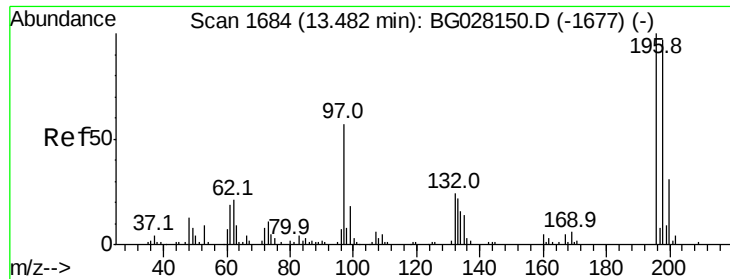
198 97.1 71.4 107.2

200 36.8 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

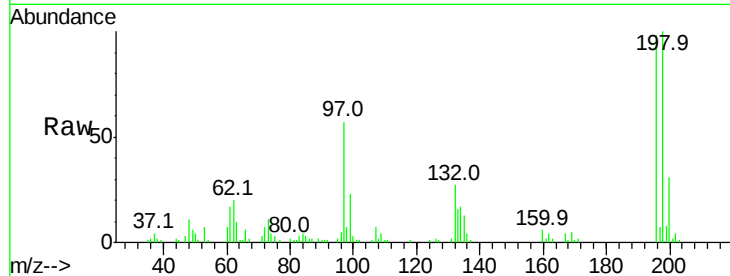




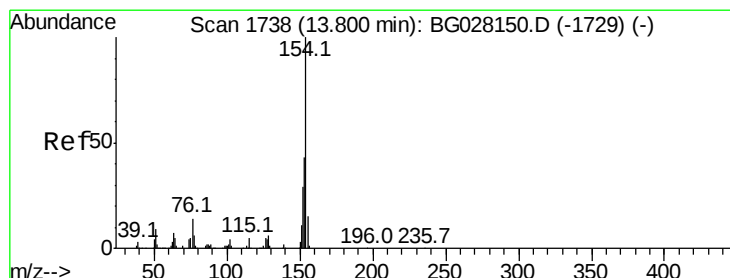
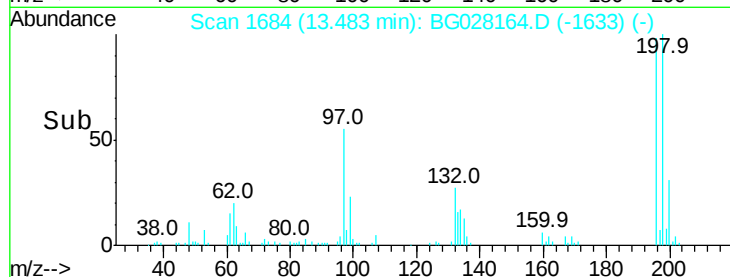
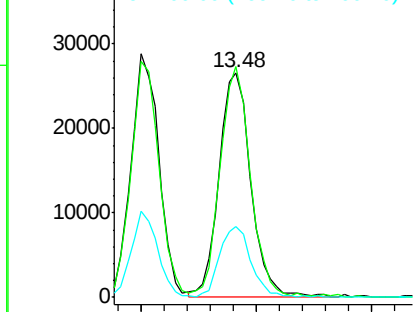
#39
 2,4,5-Trichlorophenol
 Concen: 20.313 ng/ul
 RT: 13.48 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: BG028164.D
 Acq: 7 Aug 2017 20:22

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02099

Tot Ion:196 Resp: 50923
 Ion Ratio Lower Upper
 196 100
 198 102.4 78.6 118.0
 200 31.5 27.3 40.9

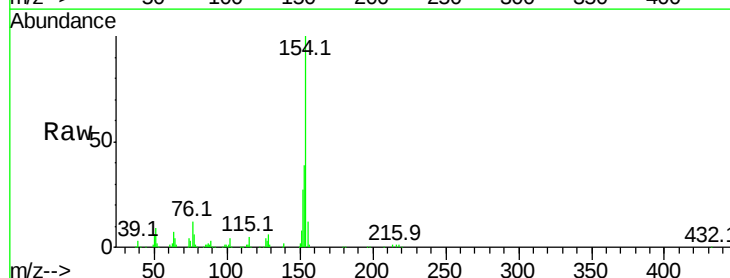


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

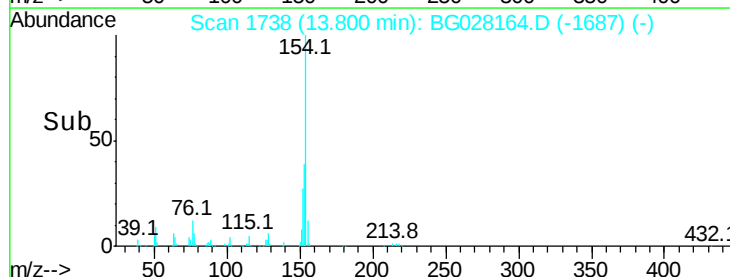
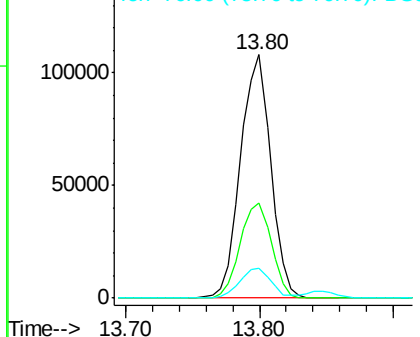


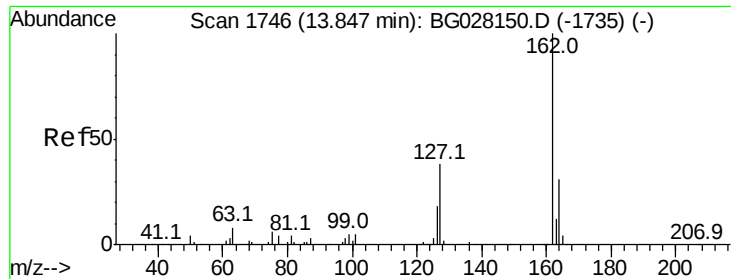
#40
 1,1'-Biphenyl
 Concen: 20.189 ng/ul
 RT: 13.80 min Scan# 1738
 Delta R.T. 0.00 min
 Lab File: BG028164.D
 Acq: 7 Aug 2017 20:22

Tgt Ion:154 Resp: 168813
 Ion Ratio Lower Upper
 154 100
 153 39.2 32.2 48.2
 76 12.1 9.6 14.4



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

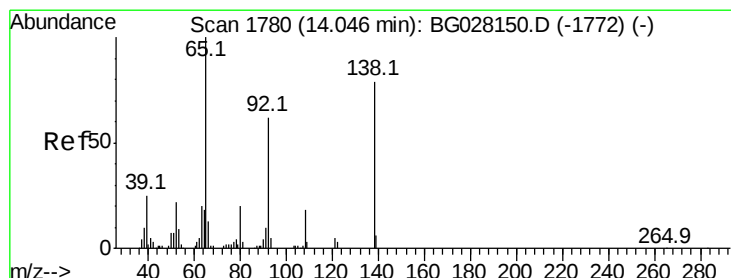
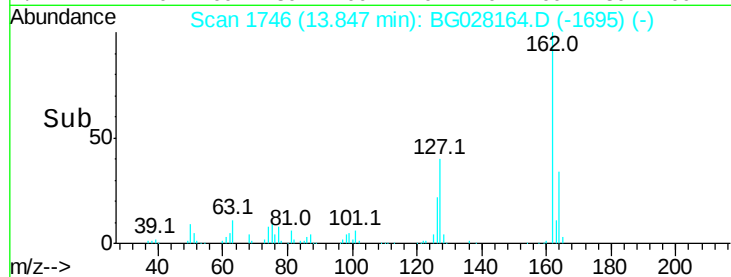
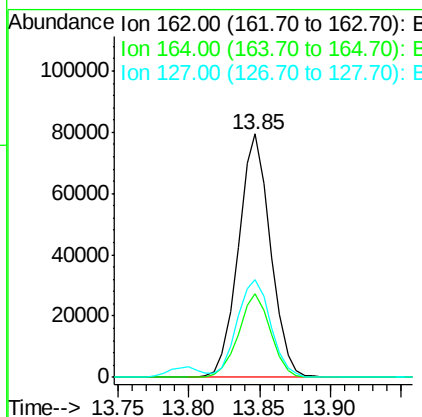
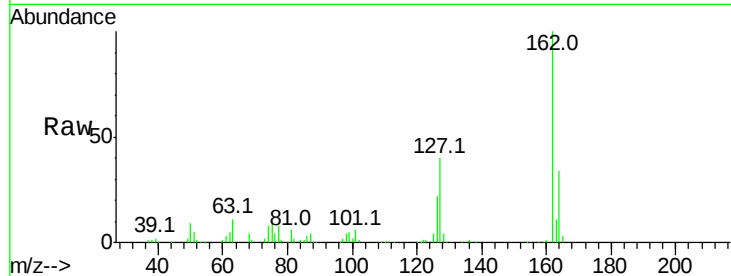




#41
2-Chloronaphthalene
Concen: 19.024 ng/ul
RT: 13.85 min Scan# 1746
Delta R.T. 0.00 min
Lab File: BG028164.D
Acq: 7 Aug 2017 20:22

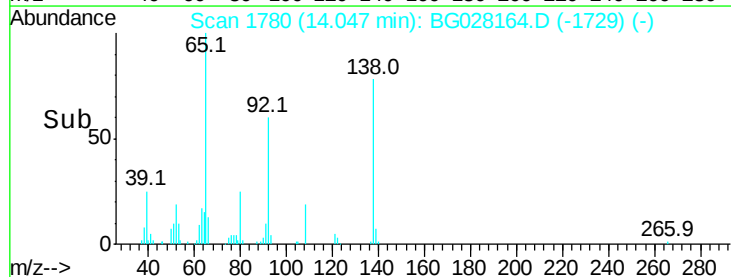
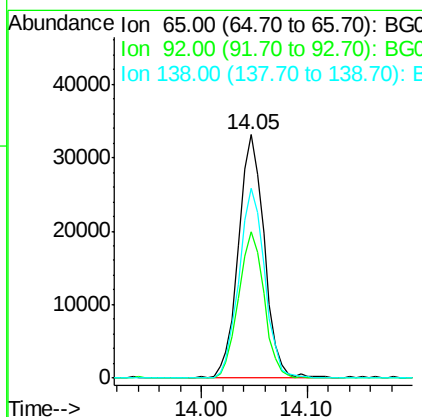
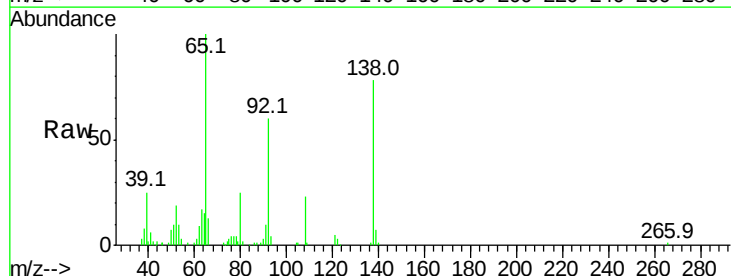
Instrument :
BNA_G
ClientSampleId :
SSTD02099

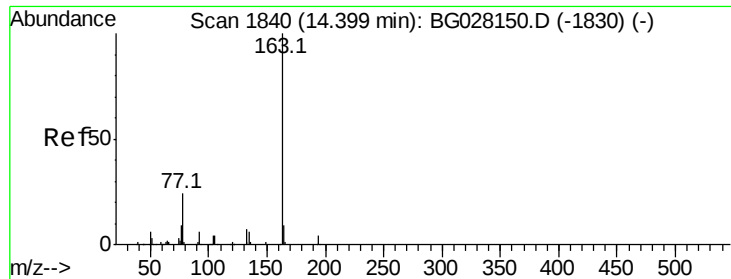
Tot Ion	Ratio	Lower	Upper
162	100		
164	34.5	25.0	37.6
127	40.3	30.7	46.1



#42
2-Nitroaniline
Concen: 20.267 ng/ul
RT: 14.05 min Scan# 1780
Delta R.T. 0.00 min
Lab File: BG028164.D
Acq: 7 Aug 2017 20:22

Tgt Ion	Ratio	Lower	Upper
65	100		
92	60.3	50.9	76.3
138	78.2	61.8	92.6





#44

Dimethylphthalate

Concen: 20.037 ng/ul

RT: 14.40 min Scan# 1840

Delta R.T. 0.00 min

Lab File: BG028164.D

Acq: 7 Aug 2017 20:22

Instrument :

BNA_G

ClientSampleId :

SSTD02099

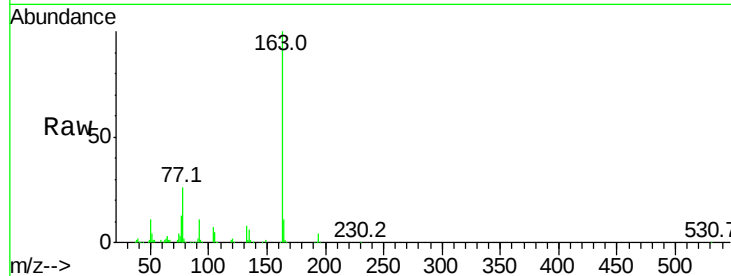
Tot Ion:163 Resp: 187855

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

164 11.3 9.0 13.4



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

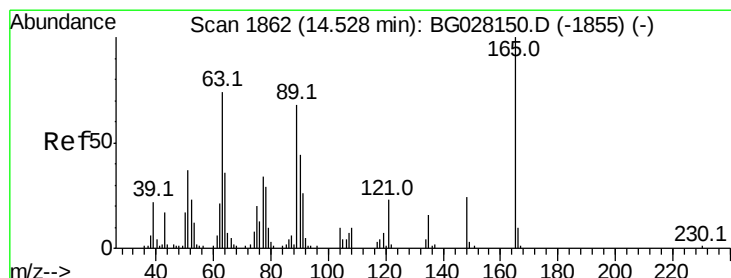
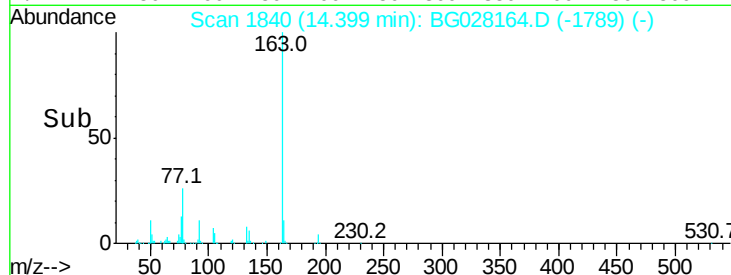
14.40

100000

50000

0

Time-->



#45

2,6-Dinitrotoluene

Concen: 20.472 ng/ul

RT: 14.53 min Scan# 1862

Delta R.T. 0.00 min

Lab File: BG028164.D

Acq: 7 Aug 2017 20:22

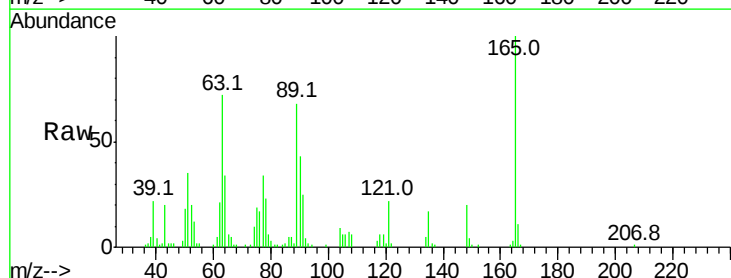
Tgt Ion:165 Resp: 39629

Ion Ratio Lower Upper

165 100

89 68.1 52.9 79.3

121 22.3 22.2 33.4



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BG

Ion 121.00 (120.70 to 121.70): E

14.53

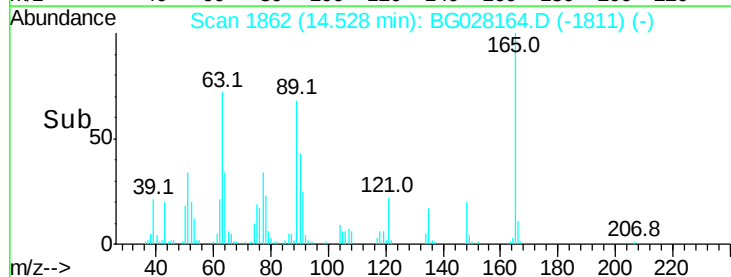
30000

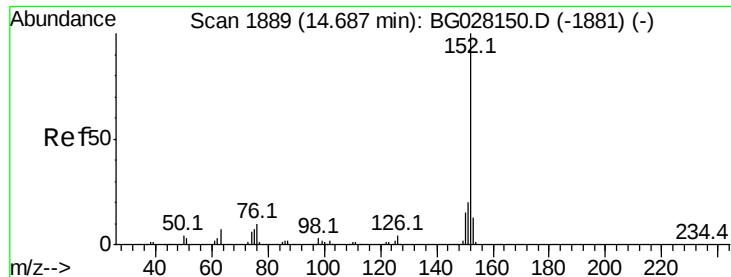
20000

10000

0

Time-->





#47

Acenaphthylene

Concen: 19.794 ng/ul

RT: 14.69 min Scan# 1889

Delta R.T. 0.00 min

Lab File: BG028164.D

Acq: 7 Aug 2017 20:22

Instrument :

BNA_G

ClientSampleId :

SSTD02099

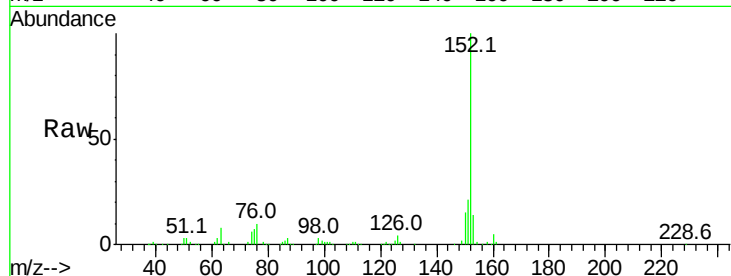
Tot Ion:152 Resp: 217169

Ion Ratio Lower Upper

152 100

151 21.4 16.7 25.1

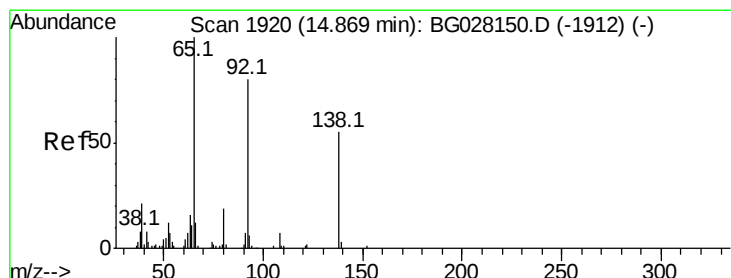
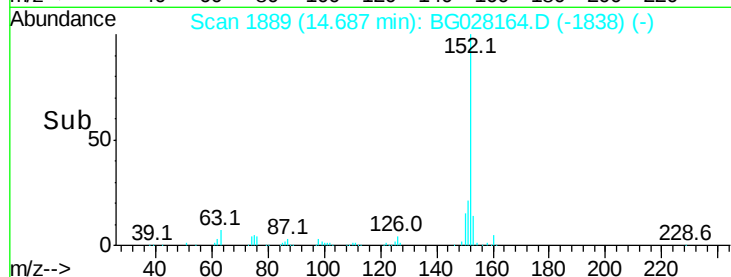
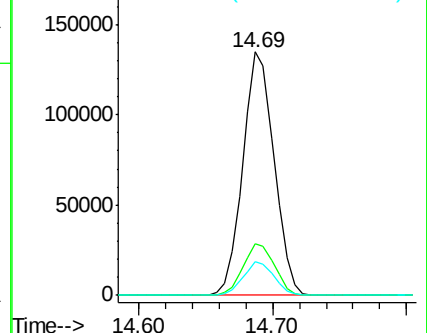
153 13.6 11.4 17.2



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



#48

3-Nitroaniline

Concen: 20.693 ng/ul

RT: 14.87 min Scan# 1920

Delta R.T. 0.00 min

Lab File: BG028164.D

Acq: 7 Aug 2017 20:22

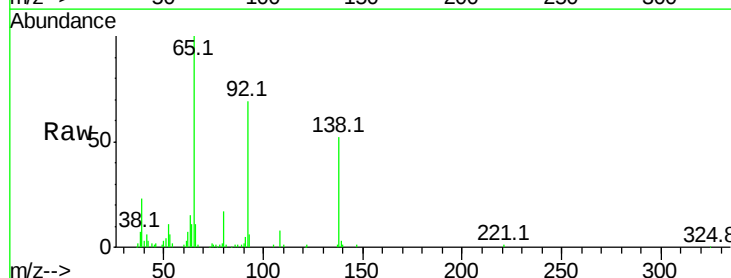
Tgt Ion:138 Resp: 36069

Ion Ratio Lower Upper

138 100

108 14.8 6.3 9.5#

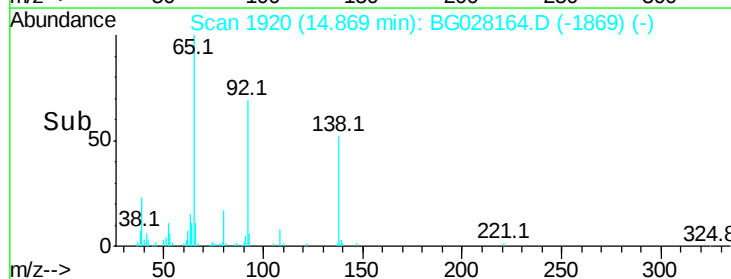
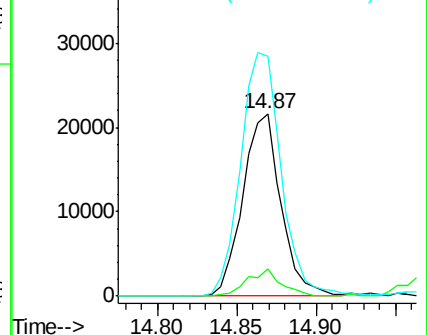
92 131.5 106.4 159.6

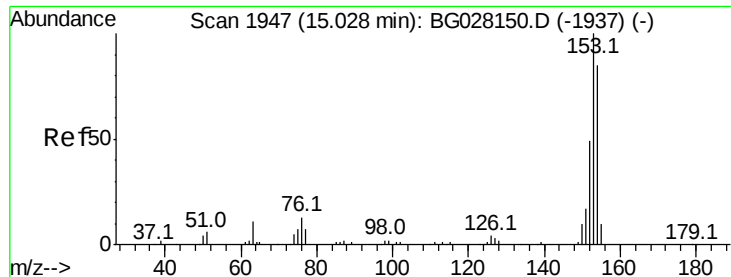


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





#49

Acenaphthene

Concen: 19.965 ng/ul

RT: 15.03 min Scan# 1947

Delta R.T. 0.00 min

Lab File: BG028164.D

Acq: 7 Aug 2017 20:22

Instrument :

BNA_G

ClientSampleId :

SSTD02099

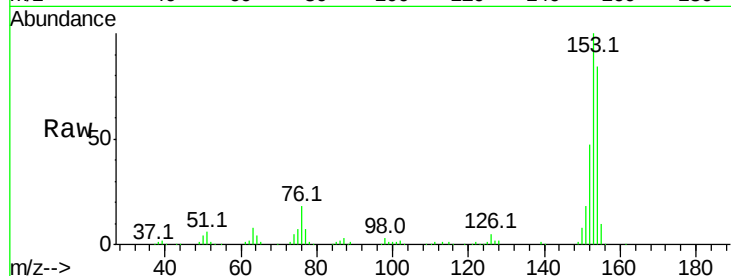
Tot Ion:153 Resp: 147792

Ion Ratio Lower Upper

153 100

152 46.7 36.5 54.7

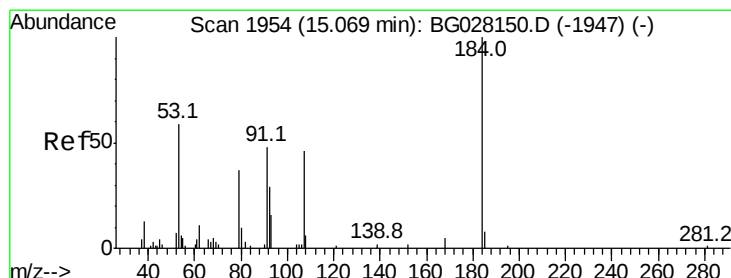
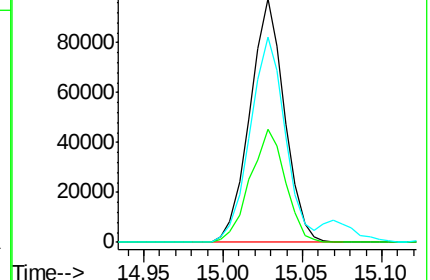
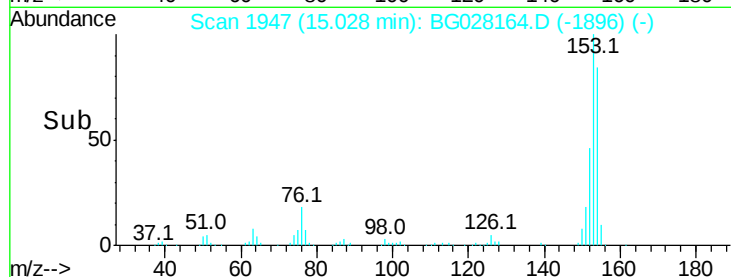
154 84.2 72.3 108.5



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#50

2,4-Dinitrophenol

Concen: 19.408 ng/ul

RT: 15.07 min Scan# 1955

Delta R.T. 0.01 min

Lab File: BG028164.D

Acq: 7 Aug 2017 20:22

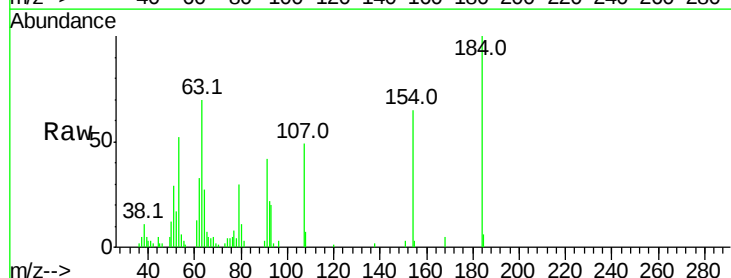
Tgt Ion:184 Resp: 21168

Ion Ratio Lower Upper

184 100

63 70.2 65.1 97.7

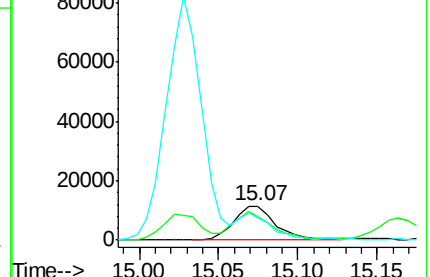
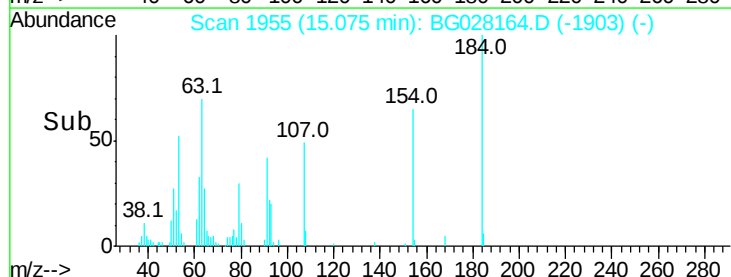
154 65.0 68.2 102.4#

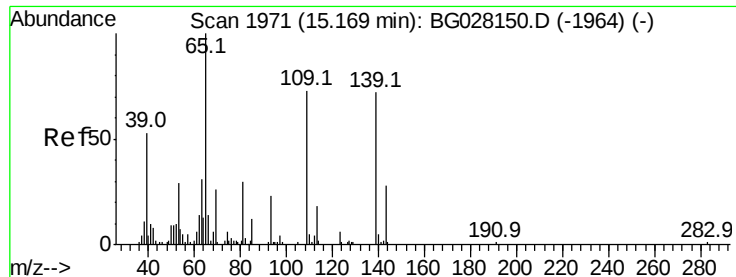


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 20.595 ng/ul

RT: 15.16 min Scan# 1970

Delta R.T. -0.01 min

Lab File: BG028164.D

Acq: 7 Aug 2017 20:22

Instrument :

BNA_G

ClientSampleId :

SSTD02099

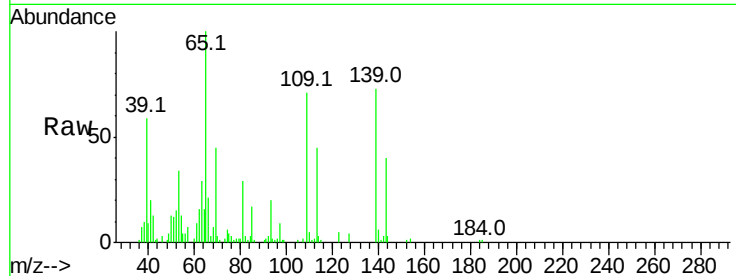
Tot Ion:109 Resp: 34548

Ion Ratio Lower Upper

109 100

139 102.0 62.6 93.8#

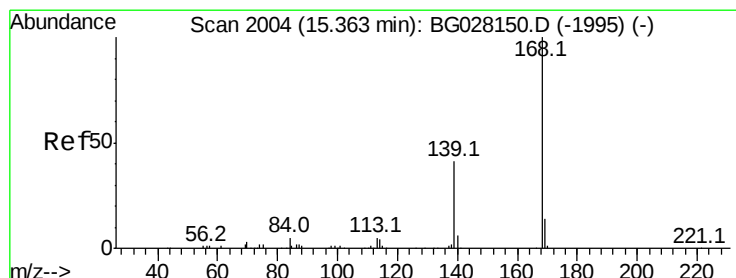
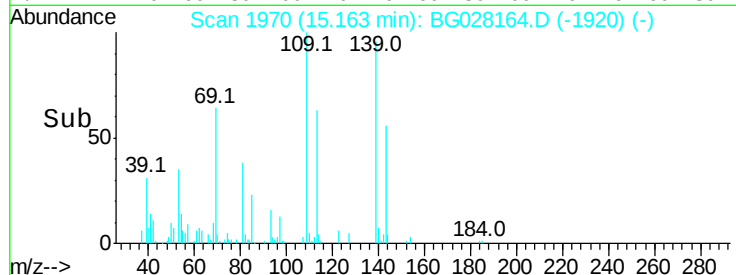
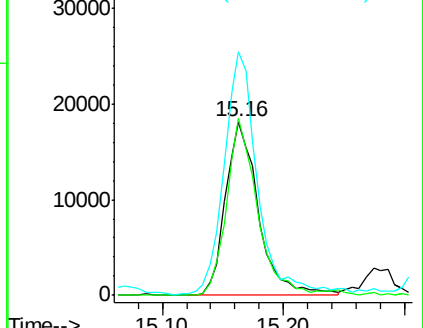
65 140.1 90.4 135.6#



Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BGC



#53

Dibenzofuran

Concen: 19.603 ng/ul

RT: 15.36 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BG028164.D

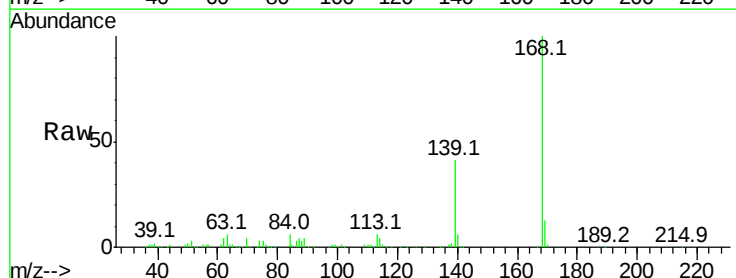
Acq: 7 Aug 2017 20:22

Tgt Ion:168 Resp: 211578

Ion Ratio Lower Upper

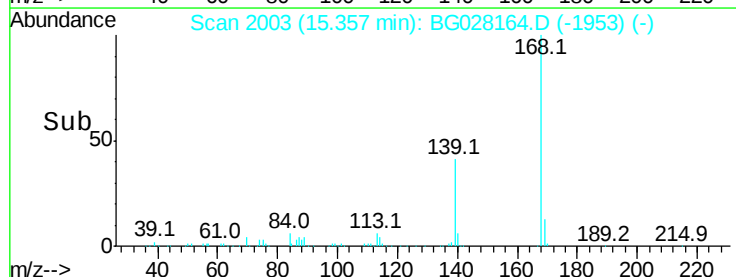
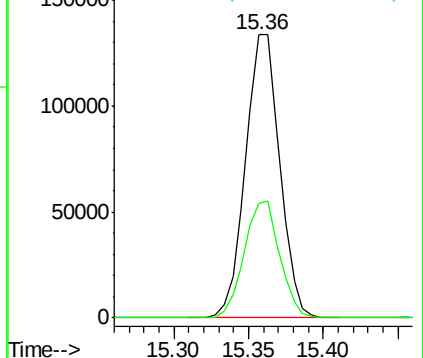
168 100

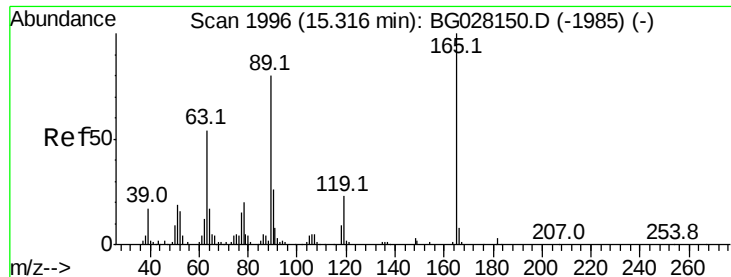
139 40.6 33.8 50.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

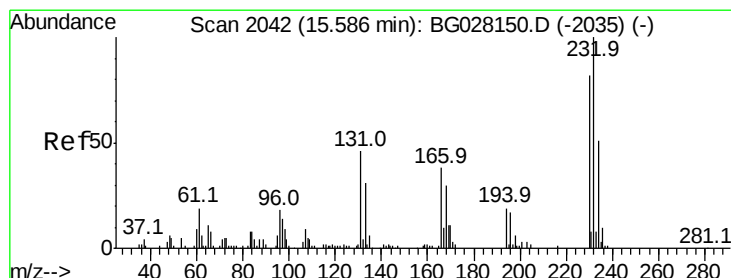
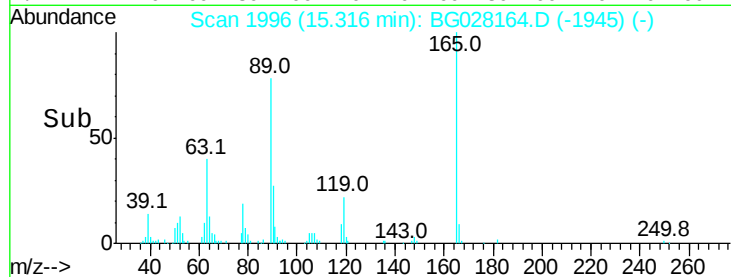
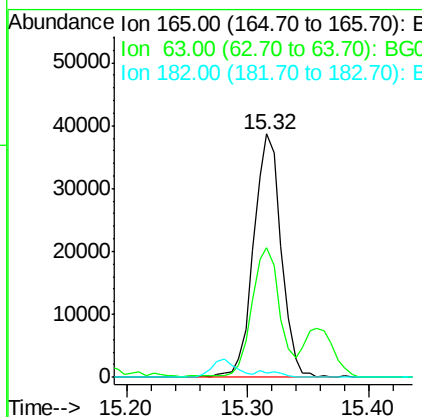
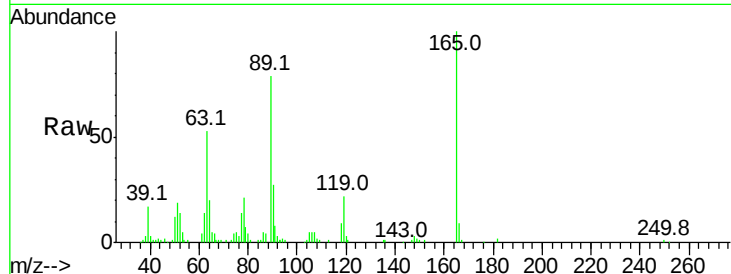




#54
 2,4-Dinitrotoluene
 Concen: 20.925 ng/ul
 RT: 15.32 min Scan# 1996
 Delta R.T. 0.00 min
 Lab File: BG028164.D
 Acq: 7 Aug 2017 20:22

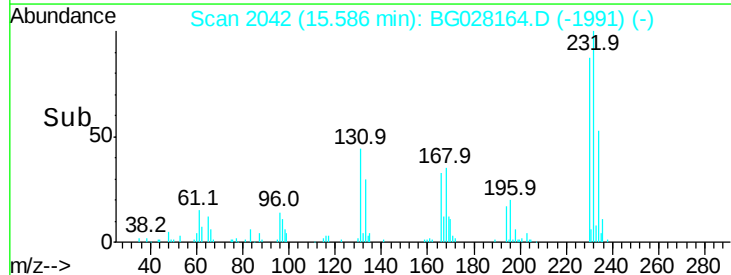
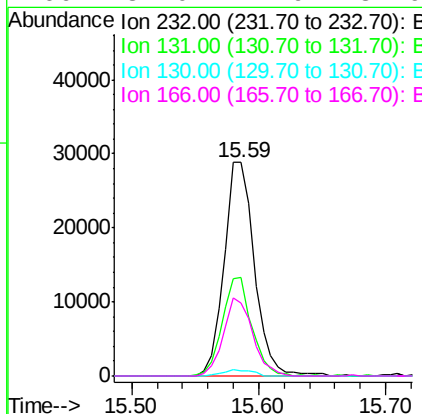
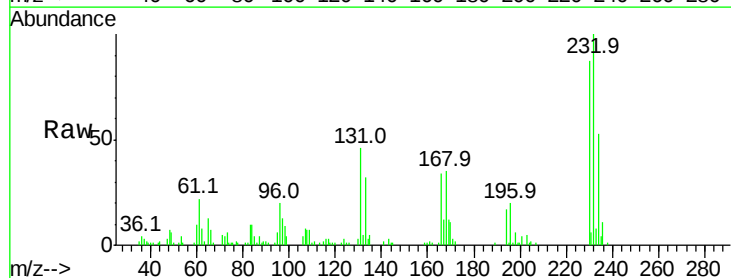
Instrument :
 BNA_G
 ClientSampleId :
 SSTD02099

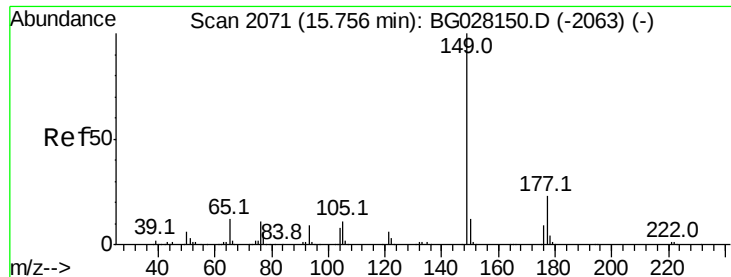
Tot Ion	Ratio	Lower	Upper
165	100		
63	53.2	46.8	70.2
182	1.8	1.8	2.6



#55
 2,3,4,6-Tetrachlorophenol
 Concen: 20.437 ng/ul
 RT: 15.59 min Scan# 2042
 Delta R.T. 0.00 min
 Lab File: BG028164.D
 Acq: 7 Aug 2017 20:22

Tgt Ion	Ratio	Lower	Upper
232	100		
131	46.3	33.3	49.9
130	2.7	1.8	2.6#
166	34.0	21.9	32.9#





#56

Diethylphthalate

Concen: 19.963 ng/ul

RT: 15.76 min Scan# 2071

Delta R.T. 0.00 min

Lab File: BG028164.D

Acq: 7 Aug 2017 20:22

Instrument :

BNA_G

ClientSampleId :

SSTD02099

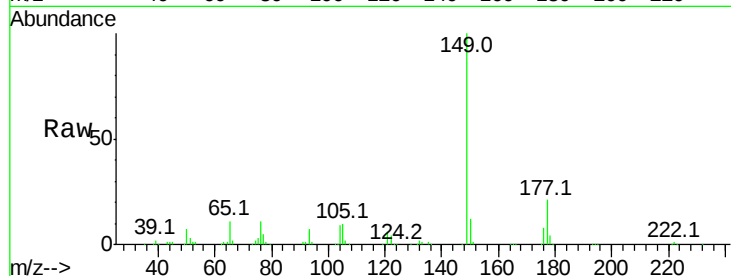
Tot Ion:149 Resp: 219566

Ion Ratio Lower Upper

149 100

177 20.6 17.8 26.8

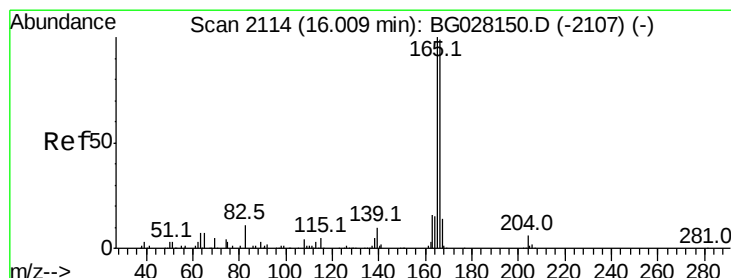
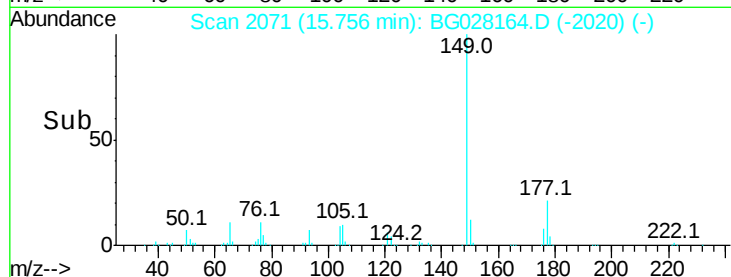
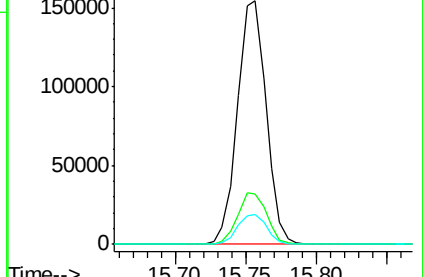
150 12.2 10.2 15.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#58

Fluorene

Concen: 19.518 ng/ul

RT: 16.01 min Scan# 2114

Delta R.T. 0.00 min

Lab File: BG028164.D

Acq: 7 Aug 2017 20:22

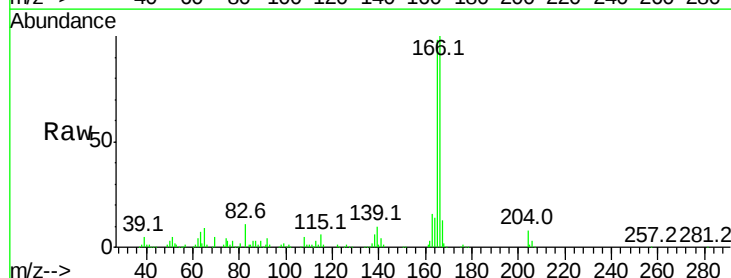
Tgt Ion:166 Resp: 186509

Ion Ratio Lower Upper

166 100

165 98.4 79.7 119.5

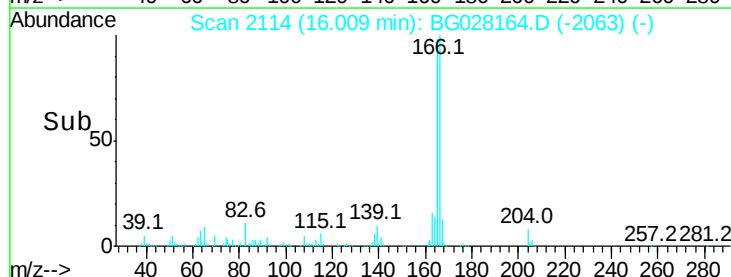
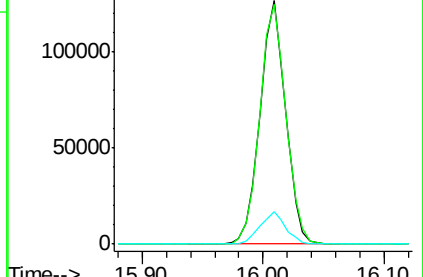
167 13.2 11.4 17.2

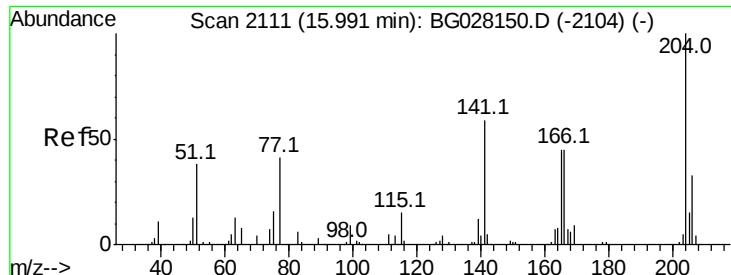


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

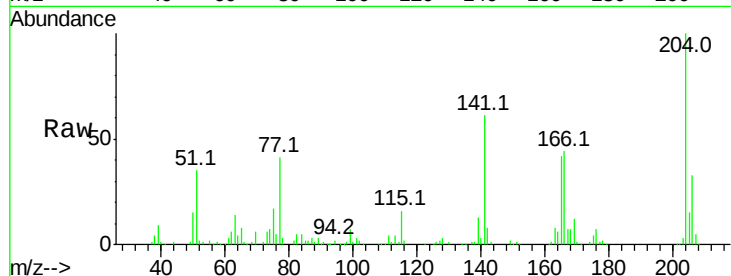




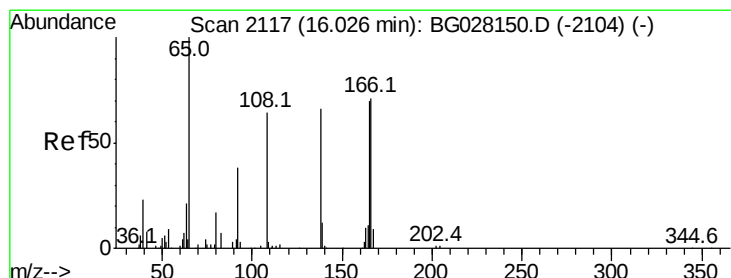
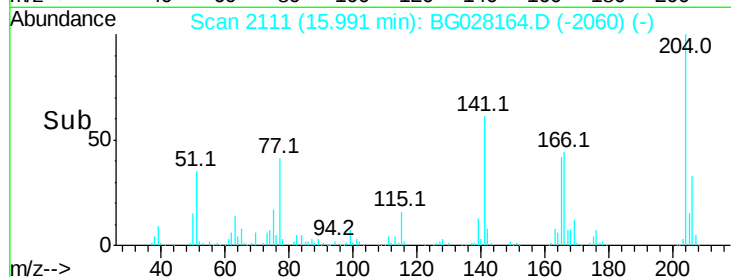
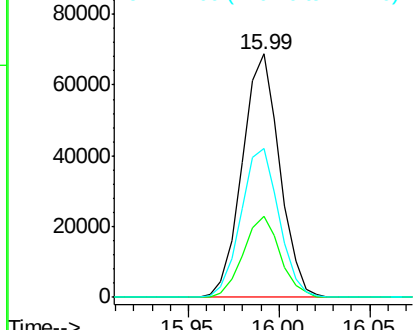
#59
 4-Chlorophenyl-phenylether
 Concen: 19.186 ng/ul
 RT: 15.99 min Scan# 2111
 Delta R.T. 0.00 min
 Lab File: BG028164.D
 Acq: 7 Aug 2017 20:22

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02099

Tot Ion:204 Resp: 98358
 Ion Ratio Lower Upper
 204 100
 206 33.2 32.3 48.5
 141 61.0 57.5 86.3

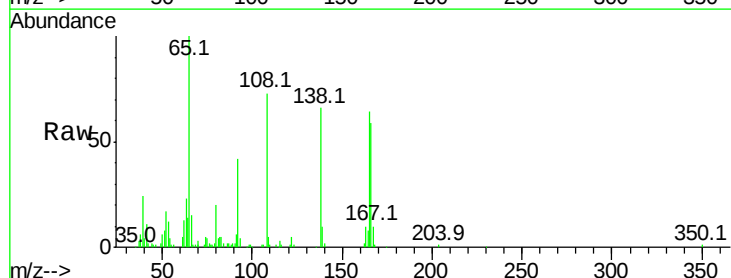


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

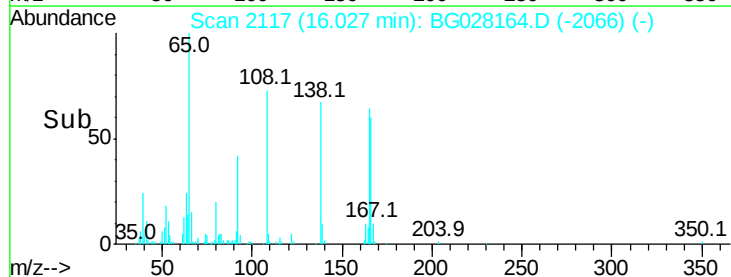
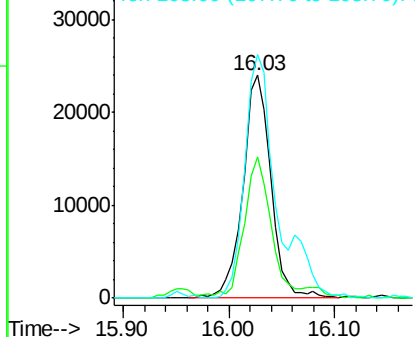


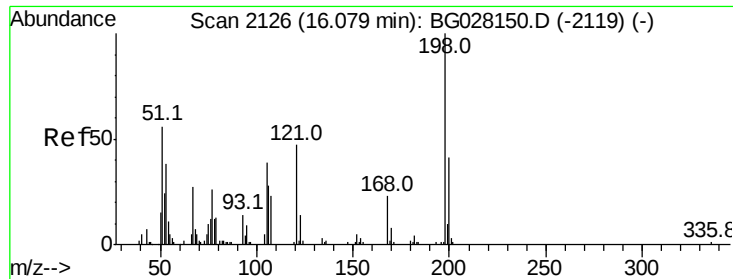
#60
 4-Nitroaniline
 Concen: 21.395 ng/ul
 RT: 16.03 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: BG028164.D
 Acq: 7 Aug 2017 20:22

Tgt Ion:138 Resp: 44244
 Ion Ratio Lower Upper
 138 100
 92 63.5 56.9 85.3
 108 109.2 104.9 157.3



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BG
 Ion 108.00 (107.70 to 108.70): E

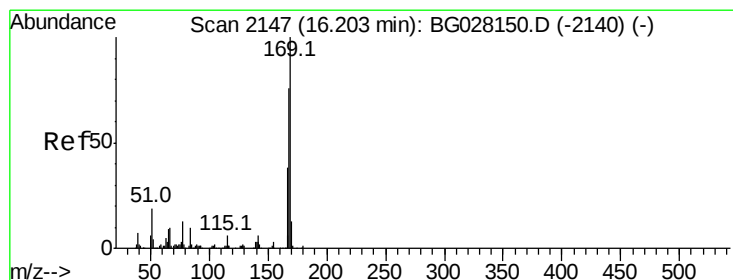
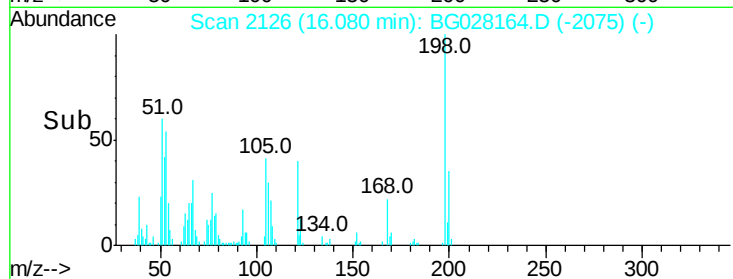
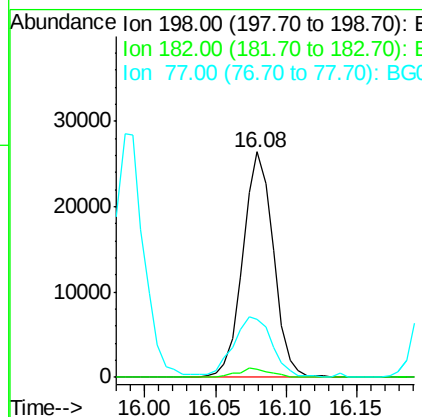
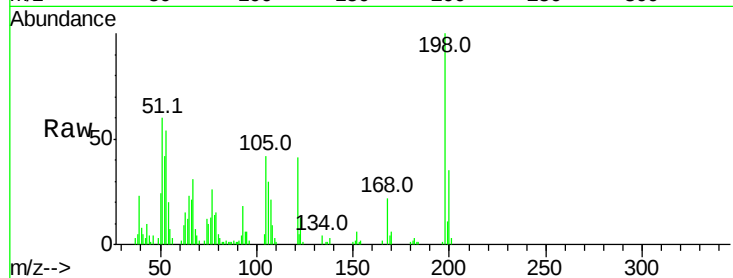




#63
 4,6-Dinitro-2-methylphenol
 Concen: 19.739 ng/ul
 RT: 16.08 min Scan# 2126
 Delta R.T. 0.00 min
 Lab File: BG028164.D
 Acq: 7 Aug 2017 20:22

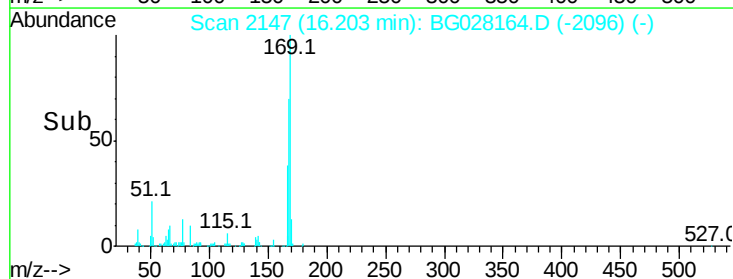
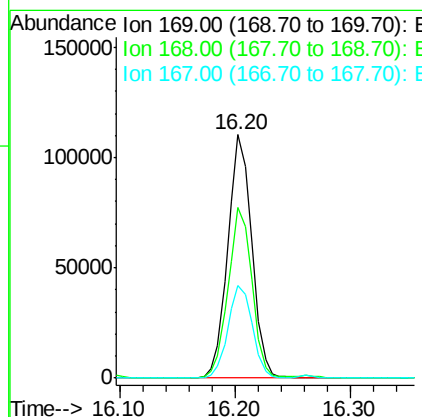
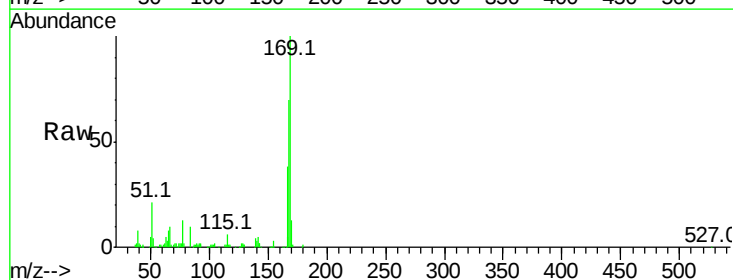
Instrument :
 BNA_G
 ClientSampleId :
 SST02099

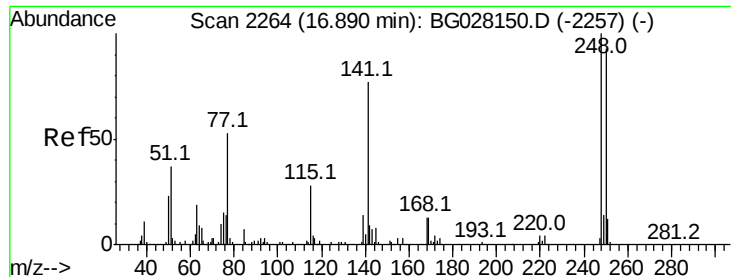
Tot Ion:198 Resp: 40138
 Ion Ratio Lower Upper
 198 100
 182 3.4 5.8 6.4#
 77 25.8 22.1 33.9



#64
 N-Nitrosodiphenylamine
 Concen: 19.516 ng/ul
 RT: 16.20 min Scan# 2147
 Delta R.T. 0.00 min
 Lab File: BG028164.D
 Acq: 7 Aug 2017 20:22

Tgt Ion:169 Resp: 158500
 Ion Ratio Lower Upper
 169 100
 168 70.0 59.1 88.7
 167 38.1 29.7 44.5

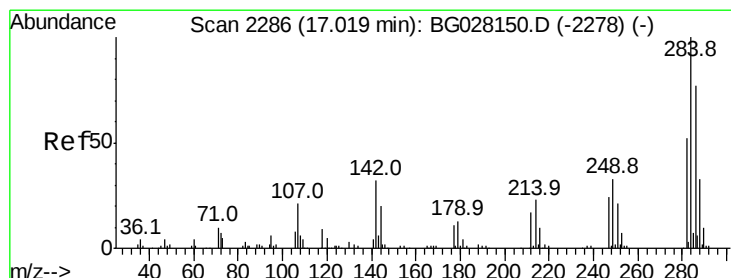
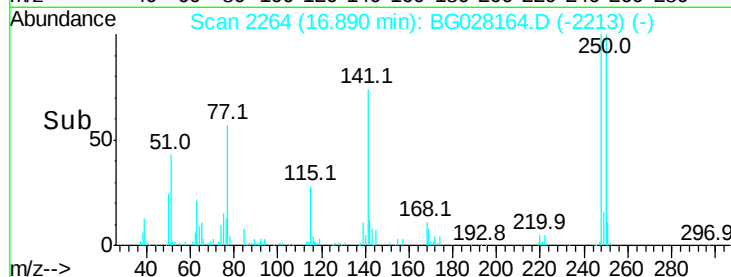
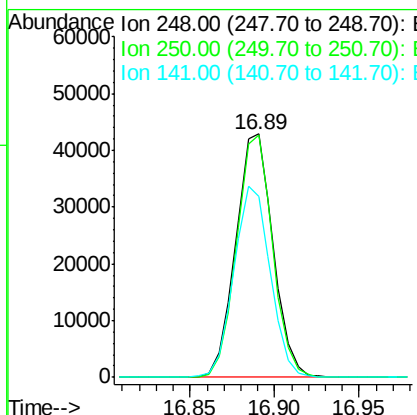
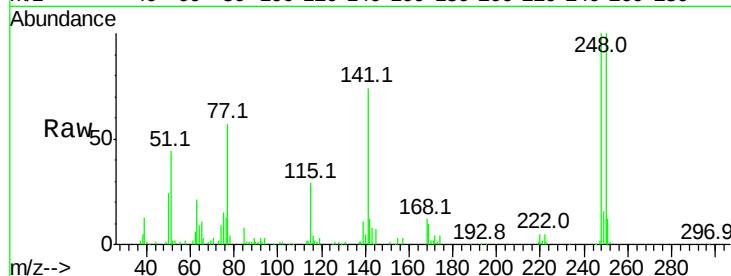




#65
4-Bromophenyl-phenylether
Concen: 19.815 ng/ul
RT: 16.89 min Scan# 2264
Delta R.T. 0.00 min
Lab File: BG028164.D
Acq: 7 Aug 2017 20:22

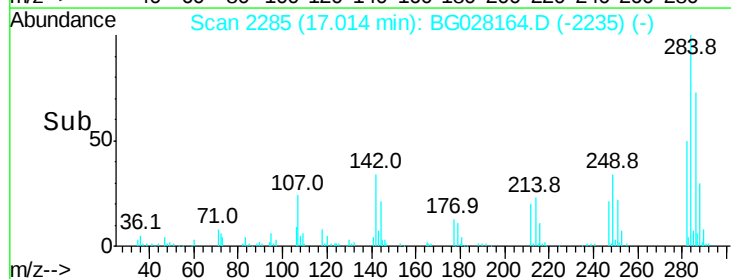
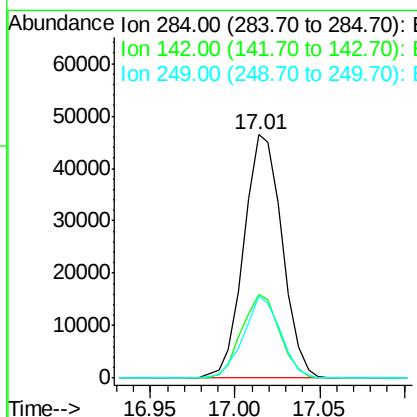
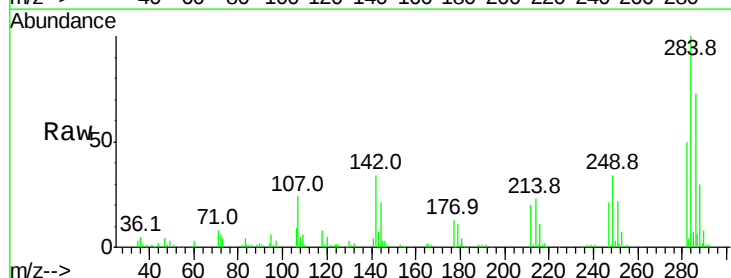
Instrument :
BNA_G
ClientSampleId :
SSTD02099

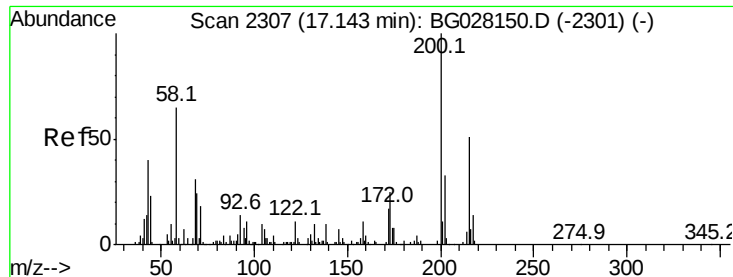
Tot Ion:248 Resp: 65744
Ion Ratio Lower Upper
248 100
250 99.7 71.9 107.9
141 74.3 53.8 80.8



#66
Hexachlorobenzene
Concen: 20.679 ng/ul
RT: 17.01 min Scan# 2285
Delta R.T. -0.01 min
Lab File: BG028164.D
Acq: 7 Aug 2017 20:22

Tgt Ion:284 Resp: 73041
Ion Ratio Lower Upper
284 100
142 34.3 26.1 39.1
249 34.0 25.9 38.9

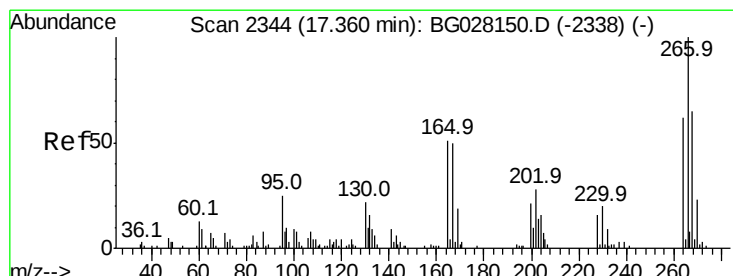
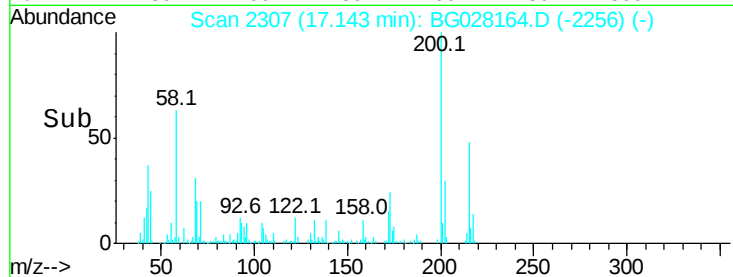
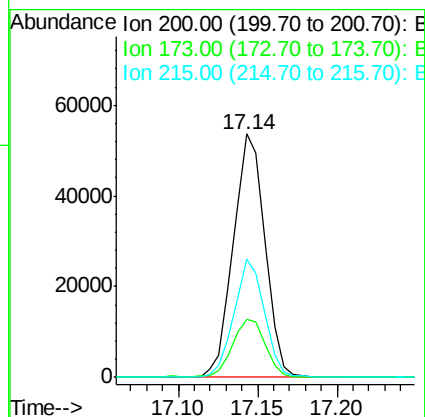
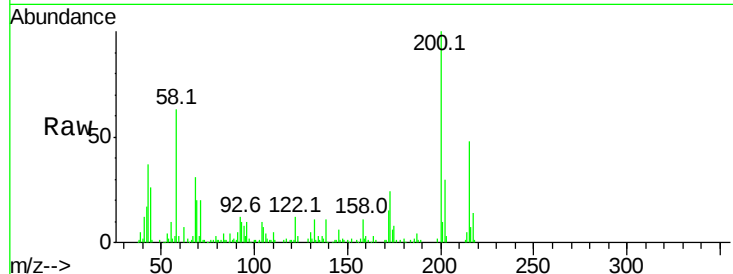




#67
Atrazine
Concen: 20.987 ng/ul
RT: 17.14 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BG028164.D
Acq: 7 Aug 2017 20:22

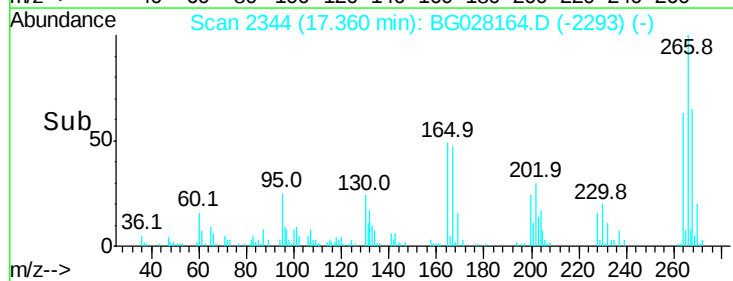
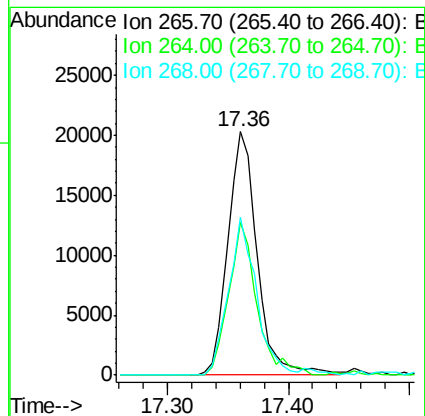
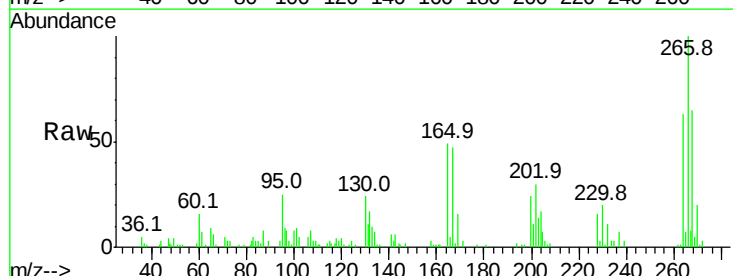
Instrument :
BNA_G
ClientSampleId :
SSTD02099

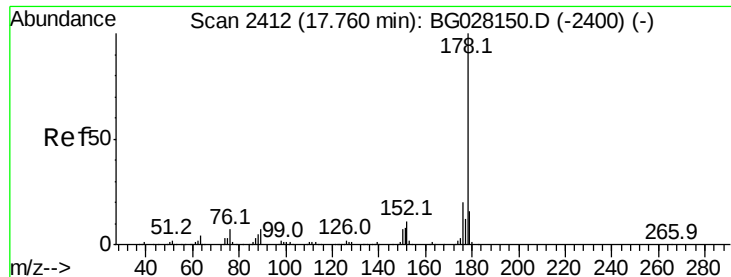
Tot Ion:200 Resp: 74310
Ion Ratio Lower Upper
200 100
173 23.9 19.2 28.8
215 48.5 40.3 60.5



#68
Pentachlorophenol
Concen: 19.202 ng/ul
RT: 17.36 min Scan# 2344
Delta R.T. 0.00 min
Lab File: BG028164.D
Acq: 7 Aug 2017 20:22

Tgt Ion:266 Resp: 34354
Ion Ratio Lower Upper
266 100
264 62.9 47.1 70.7
268 65.0 56.2 84.4





#69

Phenanthrene

Concen: 20.218 ng/ul

RT: 17.75 min Scan# 2411

Delta R.T. -0.01 min

Lab File: BG028164.D

Acq: 7 Aug 2017 20:22

Instrument :

BNA_G

ClientSampleId :

SSTD02099

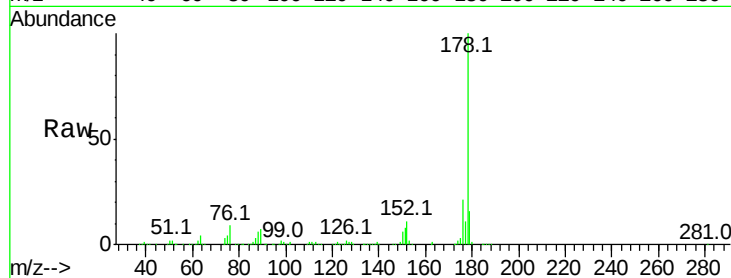
Tot Ion:178 Resp: 314097

Ion Ratio Lower Upper

178 100

179 15.9 12.4 18.6

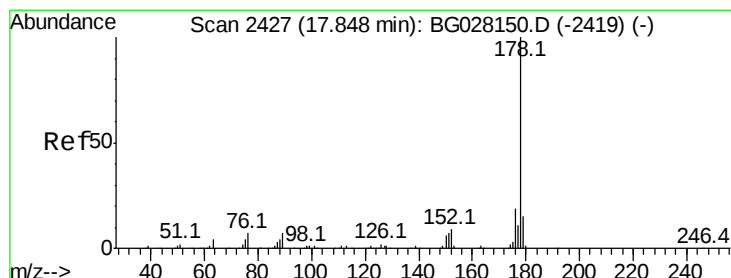
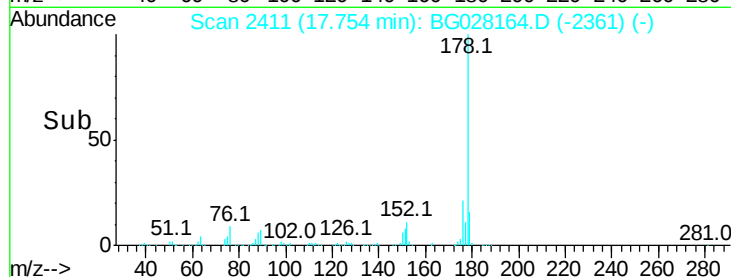
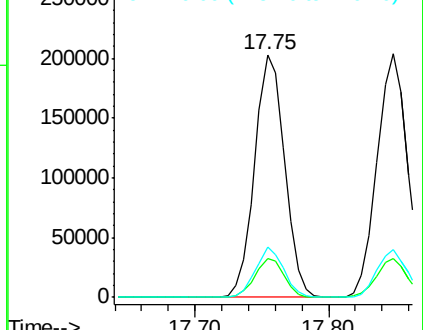
176 20.7 16.5 24.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 20.222 ng/ul

RT: 17.85 min Scan# 2427

Delta R.T. 0.00 min

Lab File: BG028164.D

Acq: 7 Aug 2017 20:22

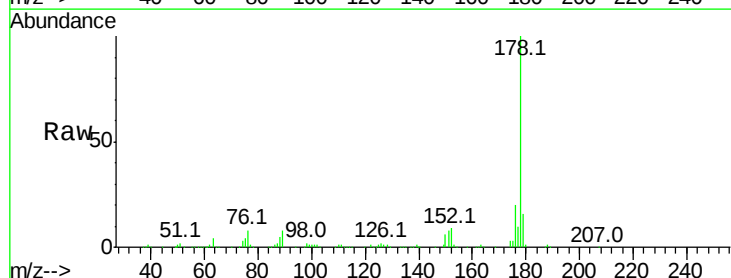
Tgt Ion:178 Resp: 321086

Ion Ratio Lower Upper

178 100

179 16.1 12.6 19.0

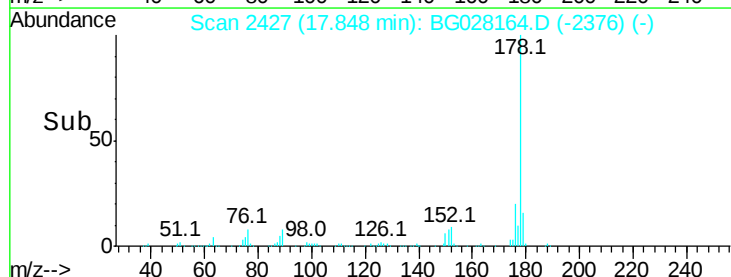
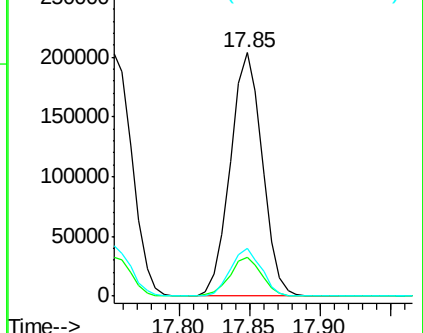
176 19.5 15.9 23.9

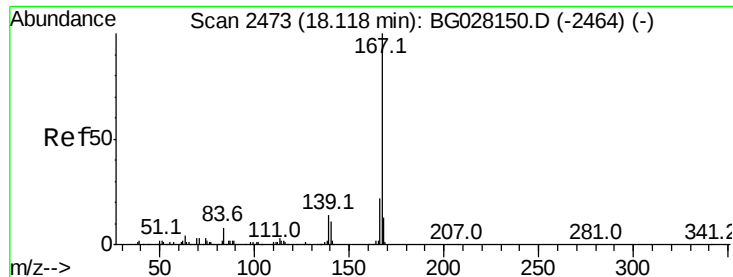


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 20.795 ng/ul

RT: 18.12 min Scan# 2473

Delta R.T. 0.00 min

Lab File: BG028164.D

Acq: 7 Aug 2017 20:22

Instrument :

BNA_G

ClientSampleId :

SSTD02099

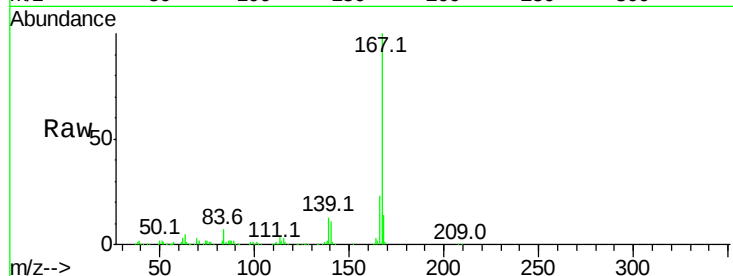
Tot Ion:167 Resp: 287159

Ion Ratio Lower Upper

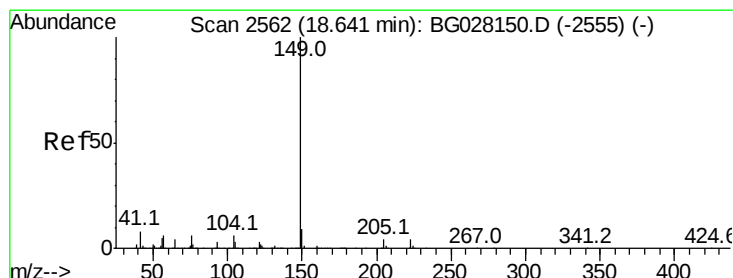
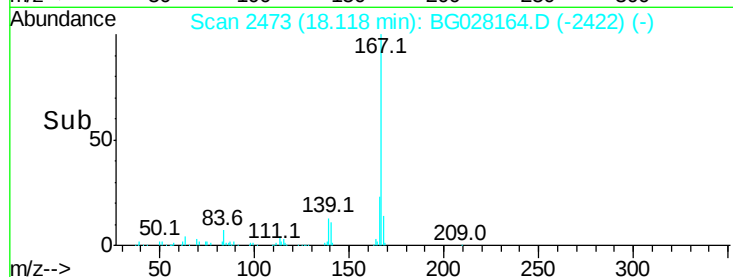
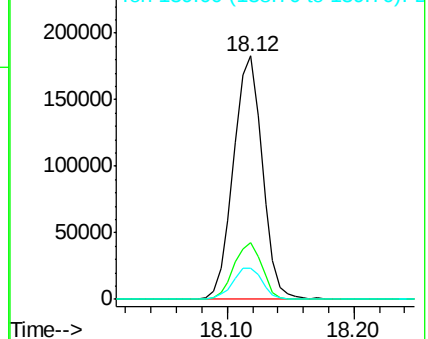
167 100

166 23.1 17.9 26.9

139 13.0 10.5 15.7



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



#73

Di-n-butylphthalate

Concen: 21.450 ng/ul

RT: 18.64 min Scan# 2562

Delta R.T. 0.00 min

Lab File: BG028164.D

Acq: 7 Aug 2017 20:22

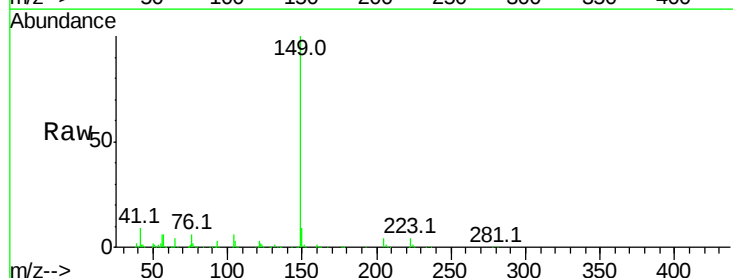
Tgt Ion:149 Resp: 368717

Ion Ratio Lower Upper

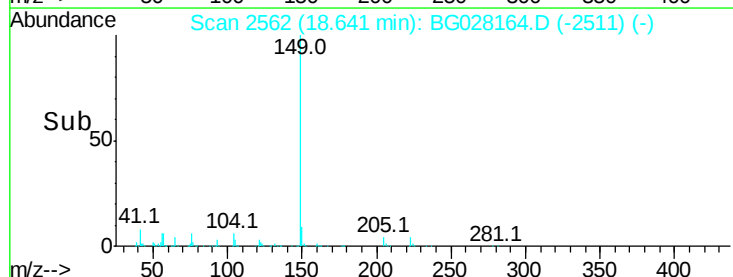
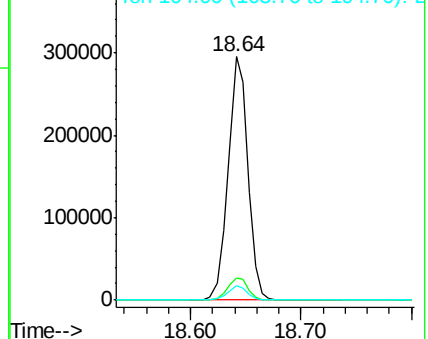
149 100

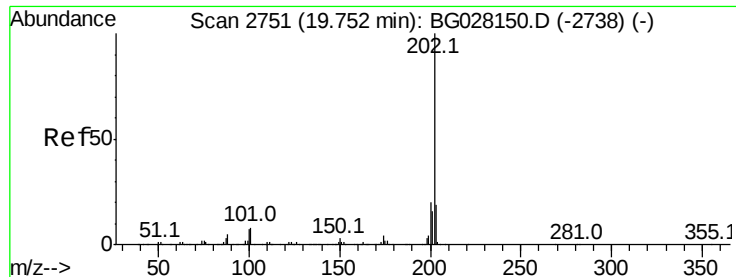
150 8.9 7.9 11.9

104 5.9 5.8 8.8



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





#74

Fluoranthene

Concen: 20.978 ng/ul

RT: 19.75 min Scan# 2751

Delta R.T. 0.00 min

Lab File: BG028164.D

Acq: 7 Aug 2017 20:22

Instrument :

BNA_G

ClientSampleId :

SSTD02099

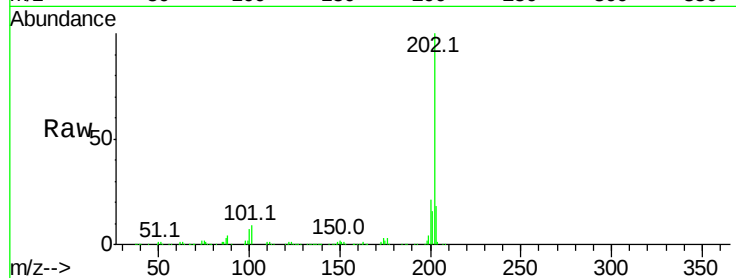
Tot Ion:202 Resp: 396080

Ion Ratio Lower Upper

202 100

101 8.5 6.2 9.2

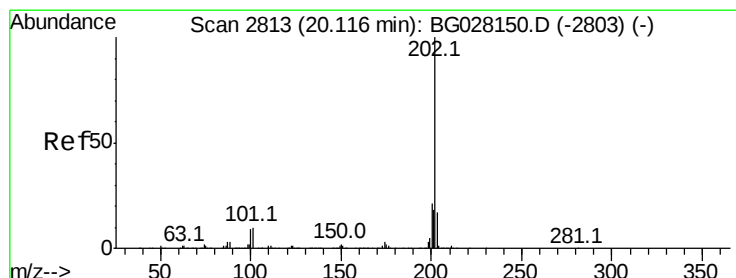
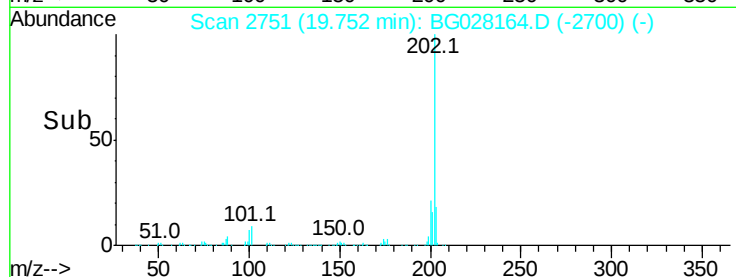
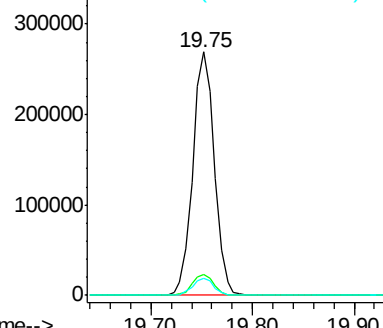
100 7.2 5.2 7.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#77

Pyrene

Concen: 18.891 ng/ul

RT: 20.12 min Scan# 2813

Delta R.T. 0.00 min

Lab File: BG028164.D

Acq: 7 Aug 2017 20:22

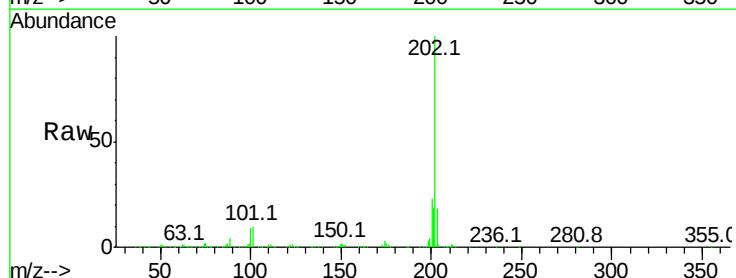
Tgt Ion:202 Resp: 413336

Ion Ratio Lower Upper

202 100

101 9.8 6.9 10.3

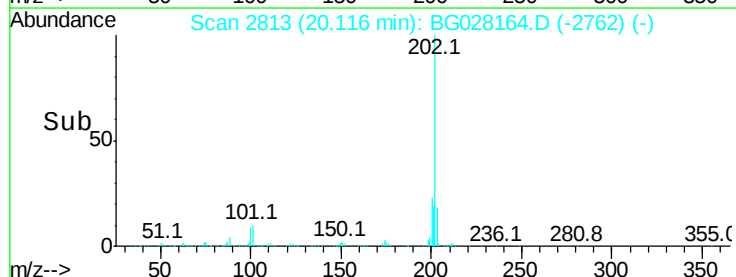
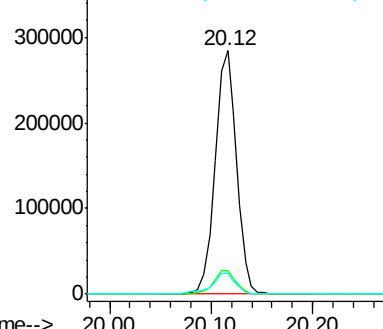
100 8.8 6.6 10.0

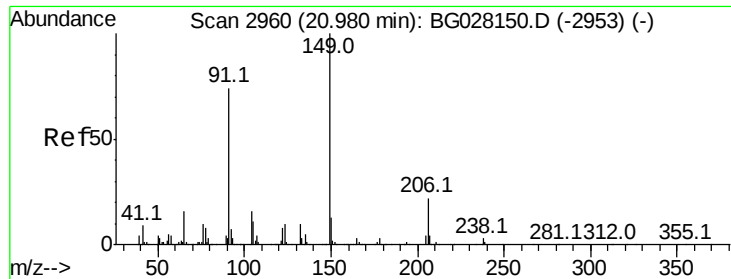


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#78

Butylbenzylphthalate

Concen: 20.478 ng/ul

RT: 20.98 min Scan# 2960

Delta R.T. 0.00 min

Lab File: BG028164.D

Acq: 7 Aug 2017 20:22

Instrument :

BNA_G

ClientSampleId :

SSTD02099

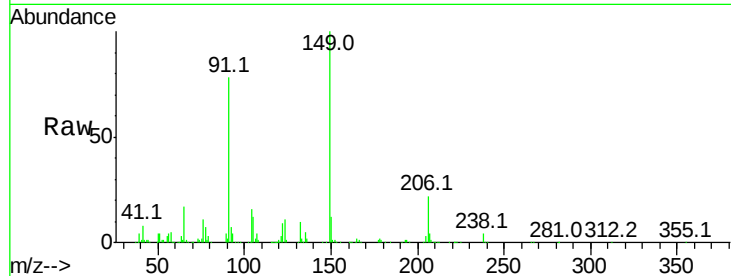
Tot Ion:149 Resp: 167852

Ion Ratio Lower Upper

149 100

91 78.2 65.8 98.6

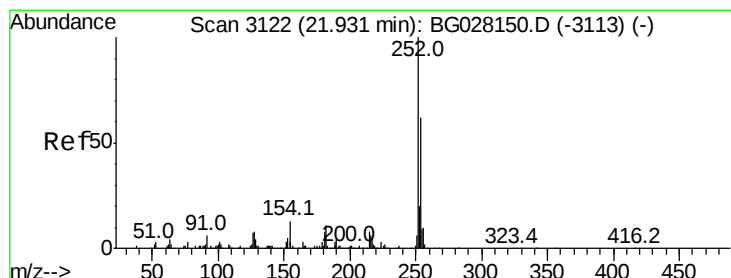
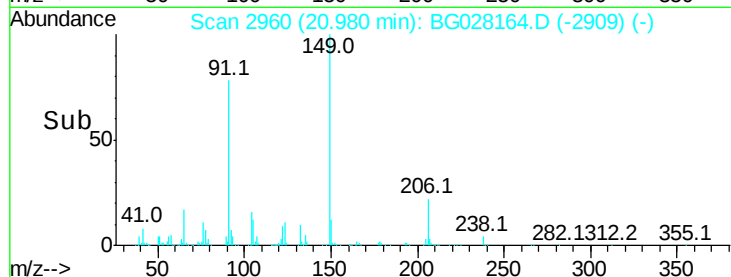
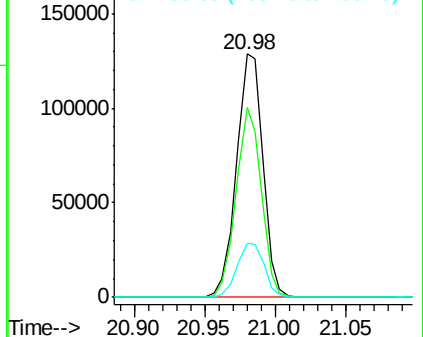
206 22.2 20.1 30.1



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



#79

3,3'-Dichlorobenzidine

Concen: 19.837 ng/ul

RT: 21.93 min Scan# 3121

Delta R.T. -0.01 min

Lab File: BG028164.D

Acq: 7 Aug 2017 20:22

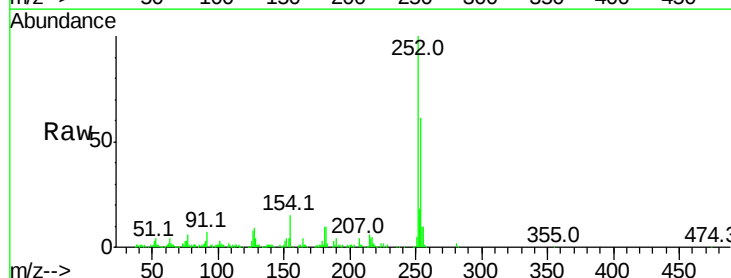
Tgt Ion:252 Resp: 140355

Ion Ratio Lower Upper

252 100

254 60.7 49.0 73.6

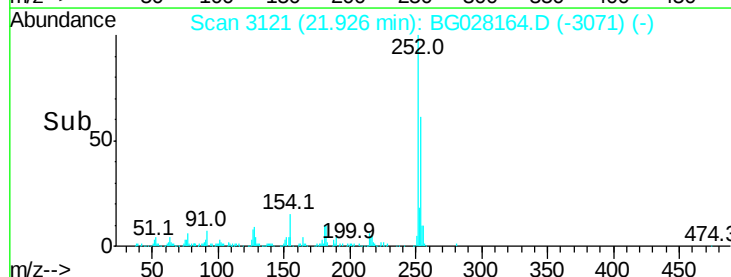
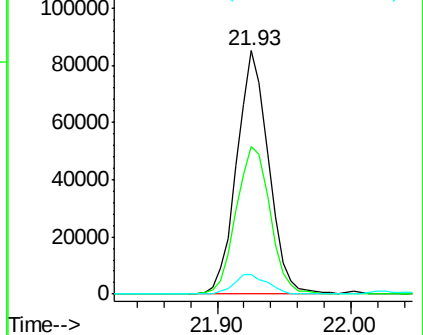
126 8.0 5.1 7.7#

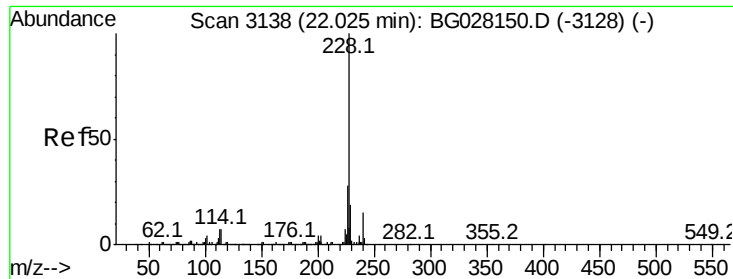


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#80

Benzo(a)anthracene

Concen: 19.855 ng/ul

RT: 22.03 min Scan# 3138

Delta R.T. 0.00 min

Lab File: BG028164.D

Acq: 7 Aug 2017 20:22

Instrument :

BNA_G

ClientSampleId :

SSTD02099

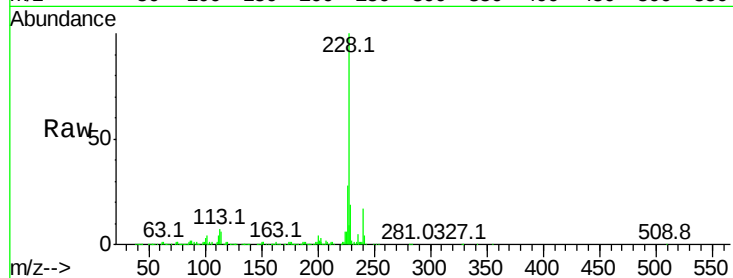
Tot Ion:228 Resp: 420719

Ion Ratio Lower Upper

228 100

229 19.4 16.3 24.5

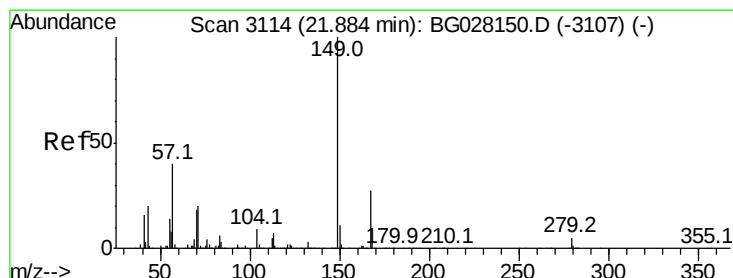
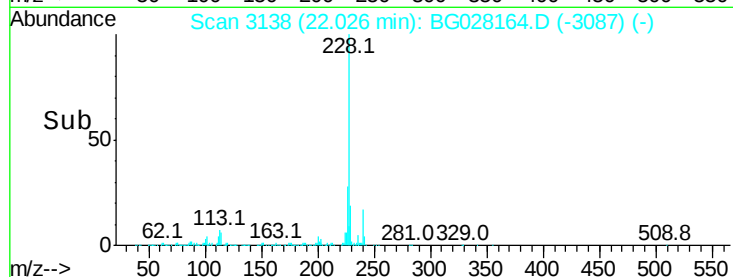
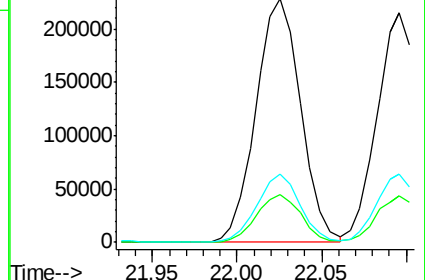
226 27.9 21.9 32.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#81

Bis(2-ethylhexyl)phthalate

Concen: 20.432 ng/ul

RT: 21.88 min Scan# 3114

Delta R.T. 0.00 min

Lab File: BG028164.D

Acq: 7 Aug 2017 20:22

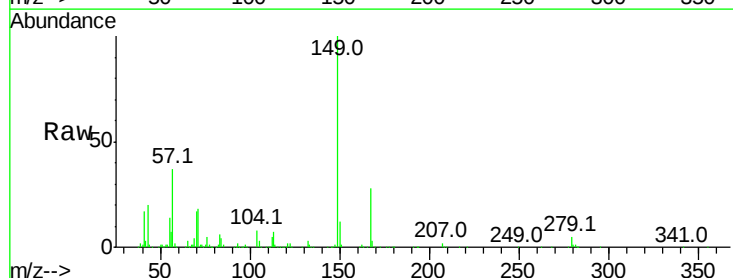
Tgt Ion:149 Resp: 238175

Ion Ratio Lower Upper

149 100

167 27.6 21.8 32.8

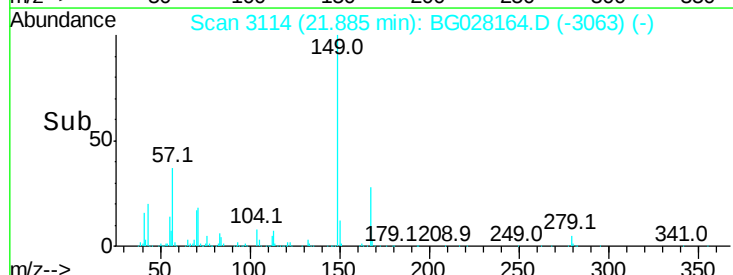
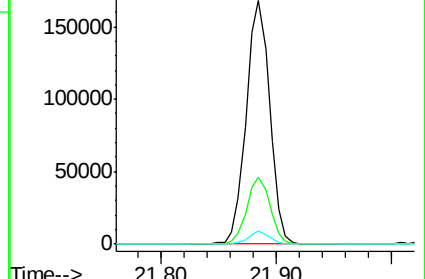
279 5.2 4.5 6.7

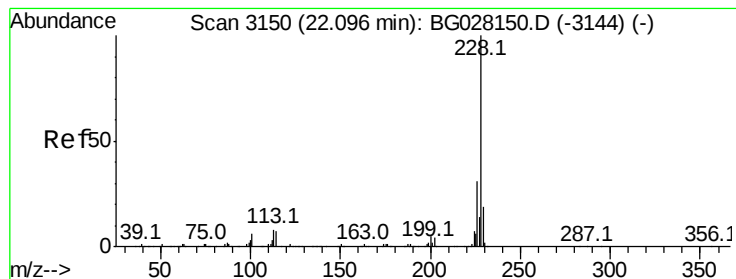


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 19.859 ng/ul

RT: 22.10 min Scan# 3150

Delta R.T. 0.00 min

Lab File: BG028164.D

Acq: 7 Aug 2017 20:22

Instrument :

BNA_G

ClientSampleId :

SSTD02099

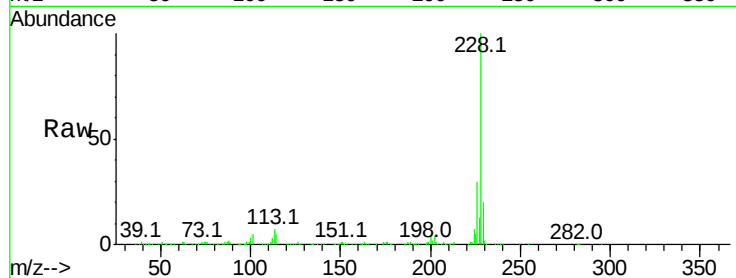
Tot Ion:228 Resp: 378987

Ion Ratio Lower Upper

228 100

226 29.6 24.0 36.0

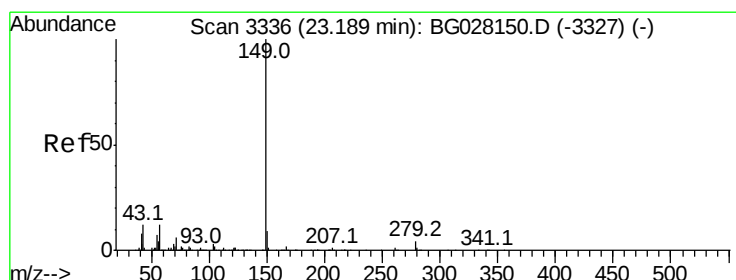
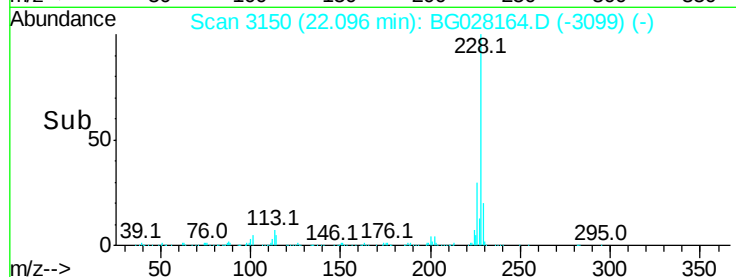
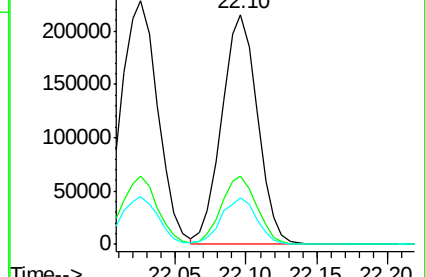
229 20.2 16.9 25.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Di-n-octyl phthalate

Concen: 19.845 ng/ul

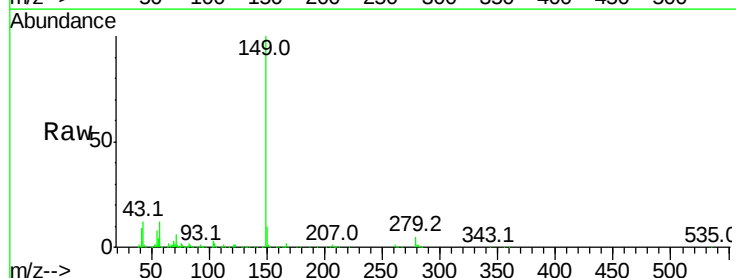
RT: 23.19 min Scan# 3336

Delta R.T. 0.00 min

Lab File: BG028164.D

Acq: 7 Aug 2017 20:22

Tgt Ion:149 Resp: 409886



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 149.00 (148.70 to 149.70): E

Ion 149.00 (148.70 to 149.70): E

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Ion 149.00 (148.70 to 149.70): E

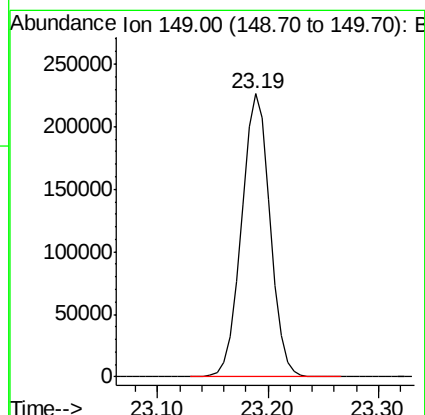
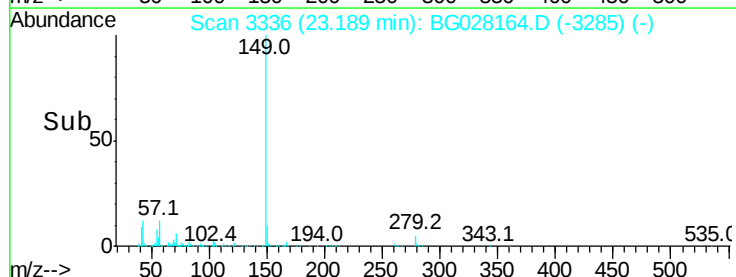
Ion 149.00 (148.70 to 149.70): E

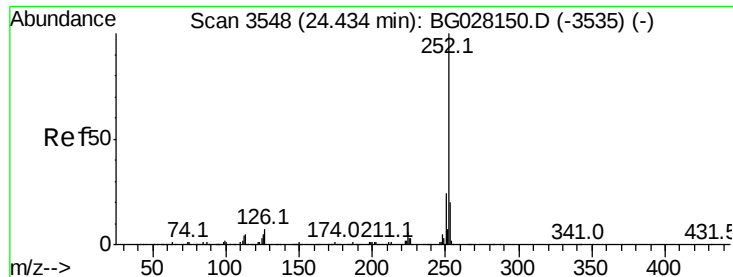
Ion 149.00 (148.70 to 149.70): E

Ion 149.00 (148.70 to 149.70): E

Ion 149.00 (148.70 to 149.70): E

Ion 149.00 (148.70 to 149.70): E





#85

Benzo(b)fluoranthene

Concen: 19.549 ng/ul

RT: 24.50 min Scan# 3560

Delta R.T. 0.07 min

Lab File: BG028164.D

Acq: 7 Aug 2017 20:22

Instrument :

BNA_G

ClientSampleId :

SSTD02099

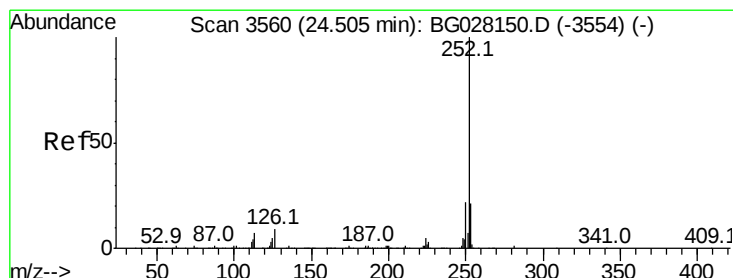
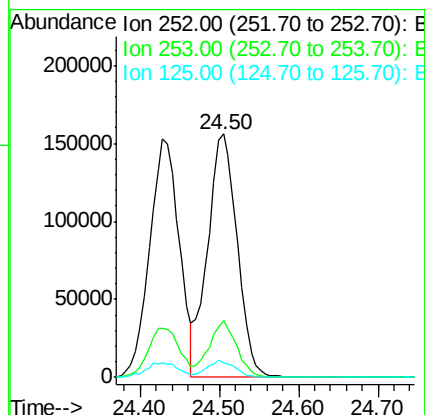
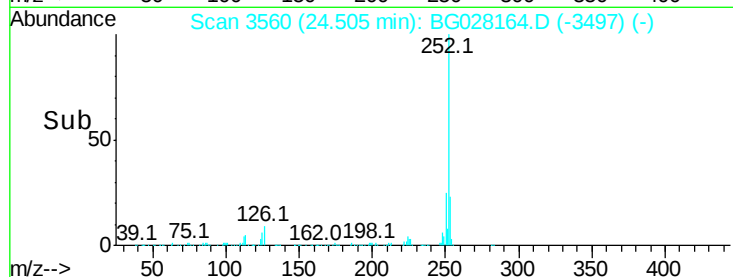
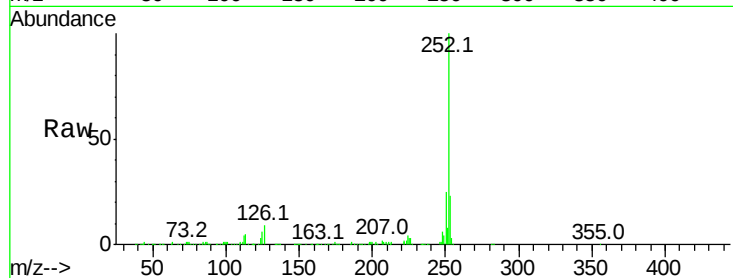
Tot Ion:252 Resp: 403190

Ion Ratio Lower Upper

252 100

253 23.2 17.7 26.5

125 5.8 4.0 6.0



#86

Benzo(k)fluoranthene

Concen: 20.014 ng/ul

RT: 24.50 min Scan# 3560

Delta R.T. 0.00 min

Lab File: BG028164.D

Acq: 7 Aug 2017 20:22

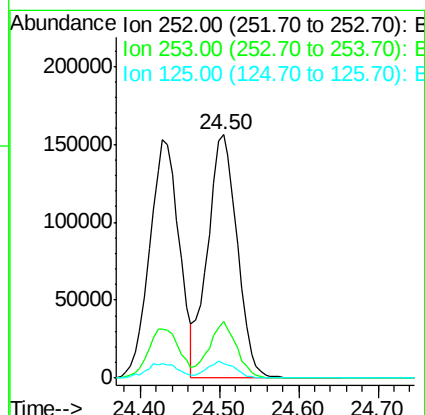
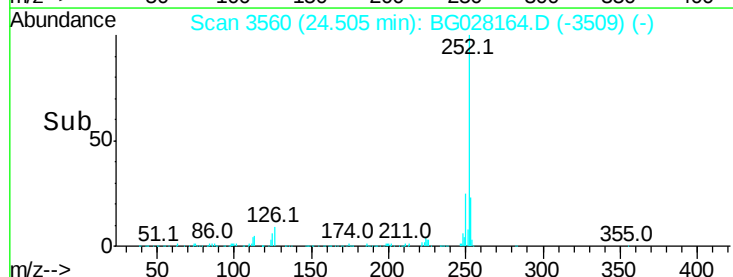
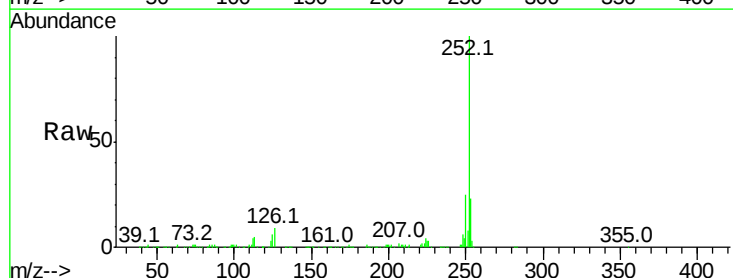
Tgt Ion:252 Resp: 403190

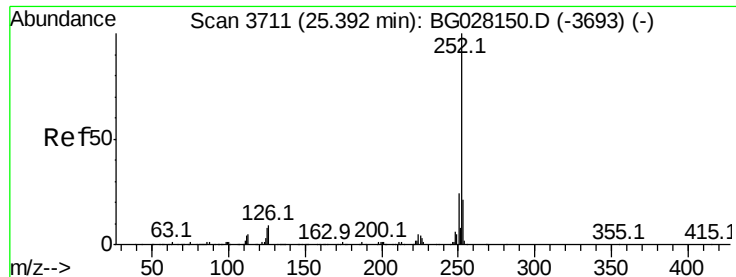
Ion Ratio Lower Upper

252 100

253 23.2 18.5 27.7

125 5.8 4.1 6.1

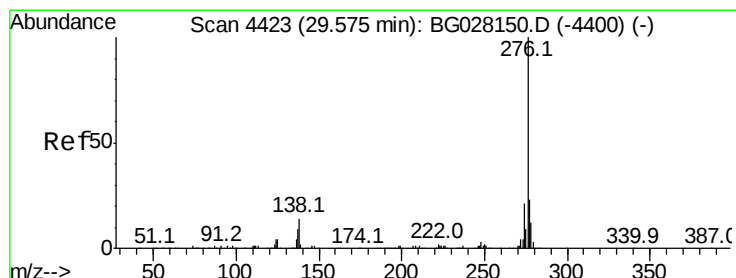
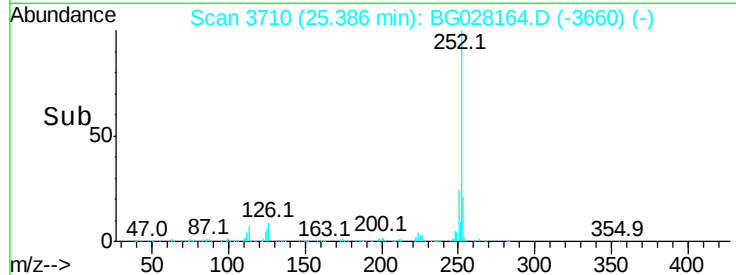
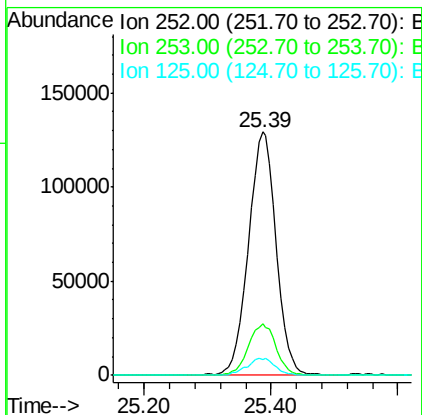
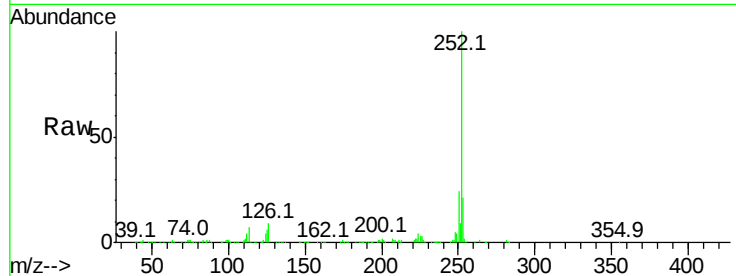




#88
Benzo(a)pyrene
Concen: 19.722 ng/uL
RT: 25.39 min Scan# 3710
Delta R.T. -0.01 min
Lab File: BG028164.D
Acq: 7 Aug 2017 20:22

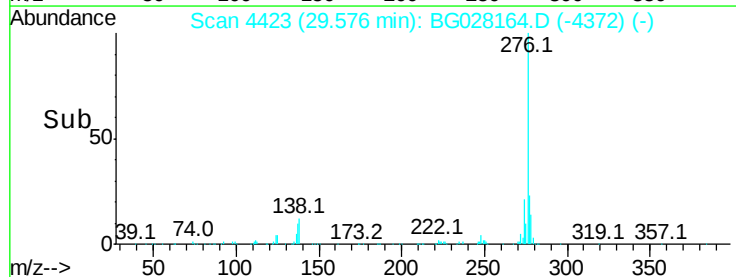
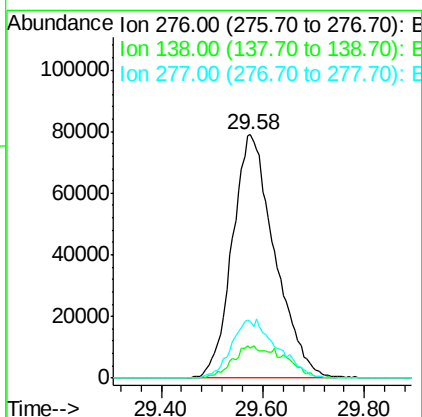
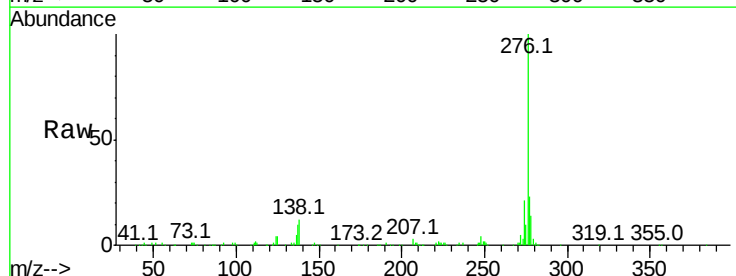
Instrument :
BNA_G
ClientSampleId :
SSTD02099

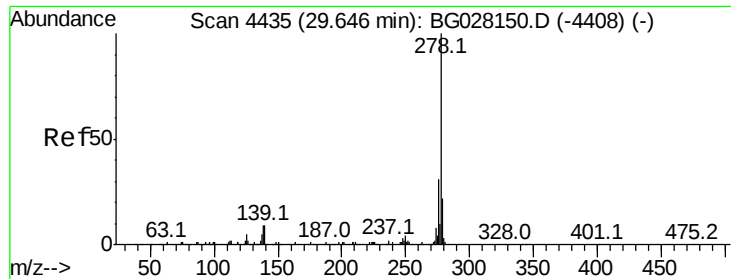
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.8	26.6
125	6.4	5.4	8.0



#89
Indeno(1,2,3-cd)pyrene
Concen: 19.599 ng/uL
RT: 29.58 min Scan# 4423
Delta R.T. 0.00 min
Lab File: BG028164.D
Acq: 7 Aug 2017 20:22

Tgt Ion	Ratio	Lower	Upper
276	100		
138	12.5	8.2	12.4#
277	23.1	18.6	28.0





#90

Dibenzo(a,h)anthracene

Concen: 19.772 ng/ul

RT: 29.63 min Scan# 4433

Delta R.T. -0.01 min

Lab File: BG028164.D

Acq: 7 Aug 2017 20:22

Instrument :

BNA_G

ClientSampleId :

SSTD02099

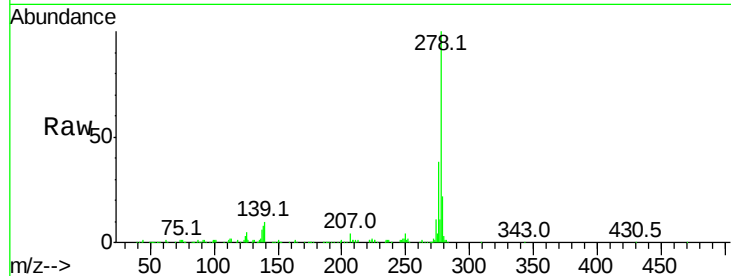
Tot Ion:278 Resp: 387523

Ion Ratio Lower Upper

278 100

139 10.2 6.7 10.1#

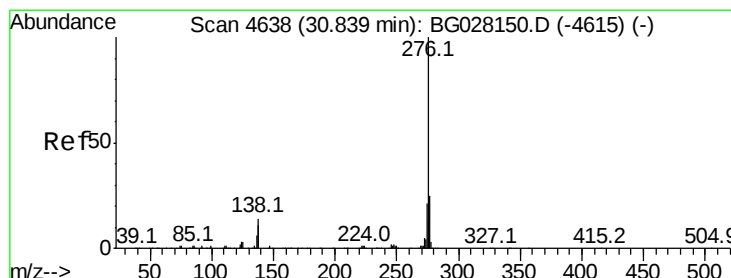
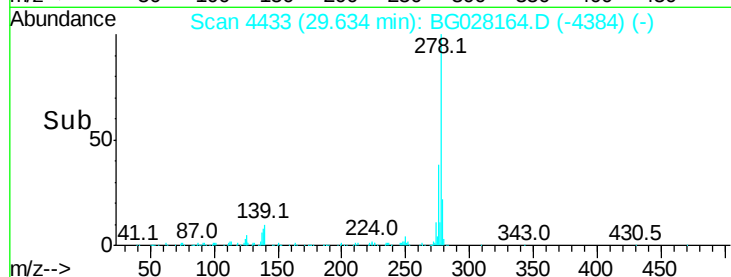
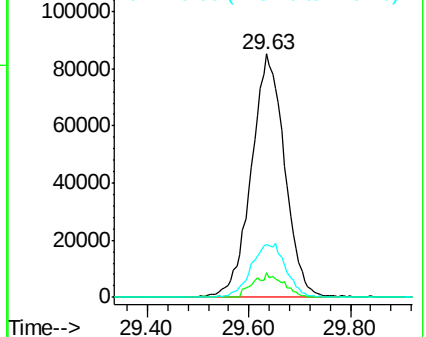
279 21.7 20.9 31.3



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



#91

Benzo(g,h,i)perylene

Concen: 19.569 ng/ul

RT: 30.84 min Scan# 4639

Delta R.T. 0.01 min

Lab File: BG028164.D

Acq: 7 Aug 2017 20:22

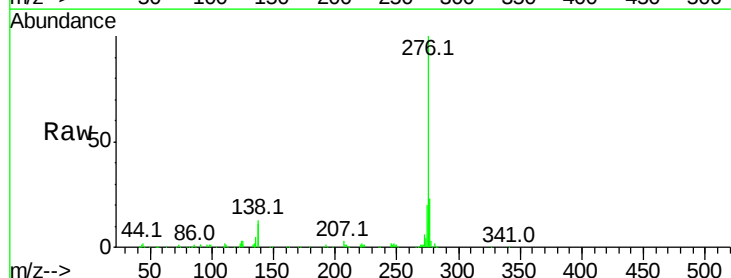
Tgt Ion:276 Resp: 376459

Ion Ratio Lower Upper

276 100

138 12.6 8.6 12.8

277 22.8 17.6 26.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

