

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081417\
 Data File : BG028315.D
 Acq On : 14 Aug 2017 11:23
 Operator : SJ/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02067

Quant Time: Aug 15 06:05:40 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 12 02:00:35 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	42359	20.00	ng/ul	0.00
18) Naphthalene-d8	11.18	136	187106	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.96	164	135168	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.81	188	325643	20.00	ng/ul	0.10
75) Chrysene-d12	22.05	240	353178	20.00	ng/ul	0.00
83) Perylene-d12	25.56	264	310872	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.84	96	6148	6.76	ng/uL	0.00
5) Phenol-d5	7.51	99	80855	17.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.67	67	50578	17.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.89	132	58342	19.88	ng/ul	0.00
13) 4-Methylphenol-d8	9.06	113	71348	18.35	ng/ul	0.00
19) Nitrobenzene-d5	9.53	128	31643	21.63	ng/ul	0.00
22) 2-Nitrophenol-d4	10.25	143	37752	23.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.80	165	73611	22.18	ng/ul	0.00
29) 4-Chloroaniline-d4	11.31	131	86308	23.36	ng/ul	0.00
43) Dimethylphthalate-d6	14.35	166	234755	19.53	ng/ul	0.00
46) Acenaphthylene-d8	14.66	160	286930	21.17	ng/ul	0.00
51) 4-Nitrophenol-d4	15.16	143	36003	18.83	ng/ul	0.00
57) Fluorene-d10	15.96	176	213031	19.75	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	42075	19.89	ng/ul	0.00
70) Anthracene-d10	17.81	188	325643	20.85	ng/ul	0.00
76) Pyrene-d10	20.09	212	353142	19.50	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.32	264	318528	21.89	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.88	88	6901	7.22	ng/uL#	72
4) Benzaldehyde	7.50	77	52124	19.39	ng/ul	94
6) Phenol	7.54	94	82093	17.76	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.76	93	57426	18.23	ng/ul	92
10) 2-Chlorophenol	7.92	128	57382	20.06	ng/ul	87
11) 2-Methylphenol	8.79	108	60243	18.46	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.88	45	122836	16.07	ng/ul#	97
14) Acetophenone	9.18	105	97191	17.53	ng/ul	94
15) N-Nitroso-di-n-propylamine	9.15	70	55388	17.57	ng/ul#	86
16) 4-Methylphenol	9.12	108	67516	18.32	ng/ul	93
17) Hexachloroethane	9.45	117	23032	19.43	ng/ul	93
20) Nitrobenzene	9.57	77	84224	19.89	ng/ul	97
21) Isophorone	10.09	82	148922	18.51	ng/ul	98
23) 2-Nitrophenol	10.28	139	35293	21.79	ng/ul	88
24) 2,4-Dimethylphenol	10.33	107	85638	21.28	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.56	93	84435	19.26	ng/ul	96
27) 2,4-Dichlorophenol	10.82	162	65968	21.83	ng/ul	99
28) Naphthalene	11.23	128	191812	20.70	ng/ul	99
30) 4-Chloroaniline	11.33	127	81892	22.87	ng/ul	92
31) Hexachlorobutadiene	11.50	225	45601	20.45	ng/ul	92
33) 4-Chloro-3-methylphenol	12.44	107	81318	21.09	ng/ul	97
34) 2-Methylnaphthalene	12.81	142	151682	20.38	ng/ul	90
36) 1,2,4,5-Tetrachlorobenzene	13.17	216	95013	21.81	ng/ul	94

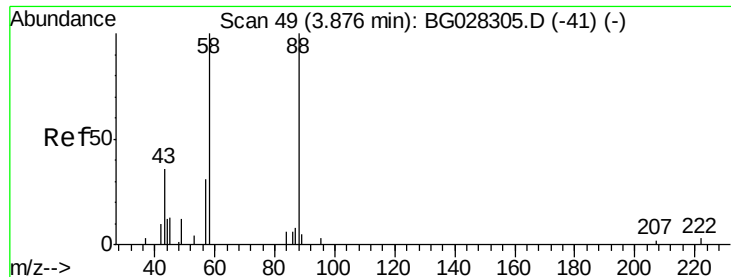
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) Hexachlorocyclopentadiene	13.14	237	36581	15.22	ng/ul	99
38) 2,4,6-Trichlorophenol	13.41	196	64530	23.76	ng/ul	97
39) 2,4,5-Trichlorophenol	13.49	196	65707	22.20	ng/ul	97
40) 1,1'-Biphenyl	13.80	154	205063	20.77	ng/ul	100
41) 2-Chloronaphthalene	13.85	162	161998	20.77	ng/ul	95
42) 2-Nitroaniline	14.05	65	67133	20.52	ng/ul	95
44) Dimethylphthalate	14.40	163	215734	19.49	ng/ul	98
45) 2,6-Dinitrotoluene	14.53	165	47117	20.62	ng/ul	95
47) Acenaphthylene	14.69	152	264250	20.40	ng/ul	98
48) 3-Nitroaniline	14.87	138	43888	21.33	ng/ul#	95
49) Acenaphthene	15.03	153	179183	20.50	ng/ul	97
50) 2,4-Dinitrophenol	15.07	184	25953	20.15	ng/ul#	81
53) Dibenzofuran	15.36	168	266511	20.91	ng/ul	96
54) 2,4-Dinitrotoluene	15.32	165	71886	20.75	ng/ul#	83
55) 2,3,4,6-Tetrachlorophenol	15.59	232	61509	22.31	ng/ul#	93
56) Diethylphthalate	15.76	149	235888	18.16	ng/ul	98
58) Fluorene	16.01	166	231644	20.53	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.99	204	123179	20.35	ng/ul#	87
60) 4-Nitroaniline	16.03	138	45708	18.72	ng/ul#	76
64) N-Nitrosodiphenylamine	16.21	169	188914	22.05	ng/ul	97
65) 4-Bromophenyl-phenylether	16.89	248	80544	23.01	ng/ul	94
66) Hexachlorobenzene	17.02	284	81618	21.91	ng/ul	99
67) Atrazine	17.15	200	74822	20.03	ng/ul	96
68) Pentachlorophenol	17.37	266	35963	19.06	ng/ul	92
69) Phenanthrene	17.85	178	355525	21.69	ng/ul	97
71) Anthracene	17.85	178	355525	21.23	ng/ul	98
72) Carbazole	18.12	167	302402	20.76	ng/ul	99
73) Di-n-butylphthalate	18.64	149	357560	19.72	ng/ul#	98
74) Fluoranthene	19.76	202	404539	20.31	ng/ul	100
77) Pyrene	20.12	202	424025	20.12	ng/ul	98
78) Butylbenzylphthalate	20.98	149	158252	20.05	ng/ul	93
79) 3,3'-Dichlorobenzidine	21.92	252	144290	21.18	ng/ul	96
80) Benzo(a)anthracene	22.02	228	415533	20.36	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.88	149	211682	18.86	ng/ul	99
82) Chrysene	22.10	228	379118	20.63	ng/ul	98
84) Di-n-octyl phthalate	23.19	149	365193	19.60	ng/ul	100
85) Benzo(b)fluoranthene	24.43	252	388074	20.86	ng/ul#	98
86) Benzo(k)fluoranthene	24.51	252	400861	22.06	ng/ul#	96
88) Benzo(a)pyrene	25.40	252	374338	20.78	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	29.59	276	150419	7.13	ng/ul	99
90) Dibenzo(a,h)anthracene	29.66	278	276334	15.63	ng/ul#	91
91) Benzo(g,h,i)perylene	30.87	276	278820	16.07	ng/ul#	93

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



#2

1,4-Dioxane

Concen: 7.22 ng/uL

RT: 3.88 min Scan# 49

Delta R.T. -0.00 min

Lab File: BG028315.D

Acq: 14 Aug 2017 11:23

Instrument :

BNA_G

ClientSampleId :

SSTD02067

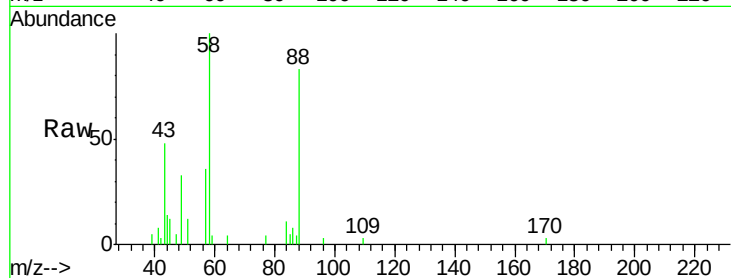
Tgt Ion: 88 Resp: 6901

Ion Ratio Lower Upper

88 100

43 57.8 39.2 58.8

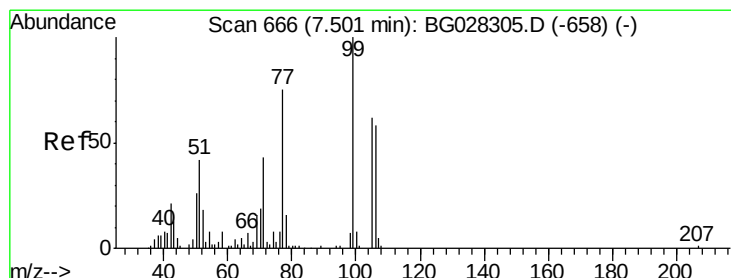
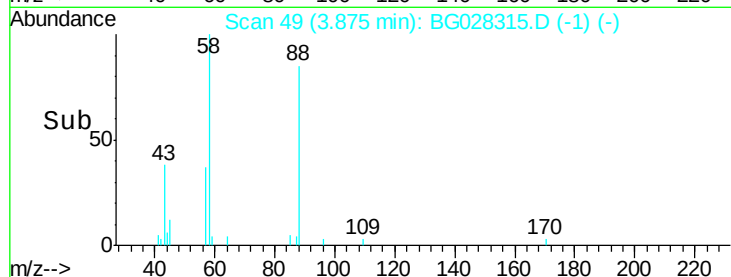
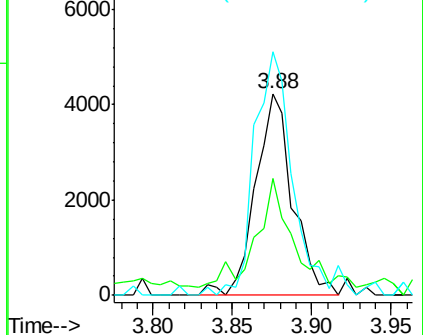
58 120.9 69.4 104.0#



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: 19.39 ng/uL

RT: 7.50 min Scan# 666

Delta R.T. -0.00 min

Lab File: BG028315.D

Acq: 14 Aug 2017 11:23

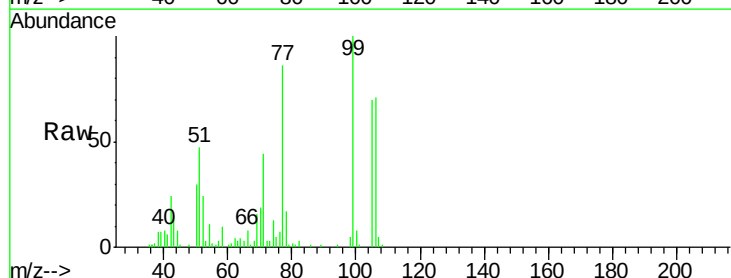
Tgt Ion: 77 Resp: 52124

Ion Ratio Lower Upper

77 100

105 81.3 62.0 93.0

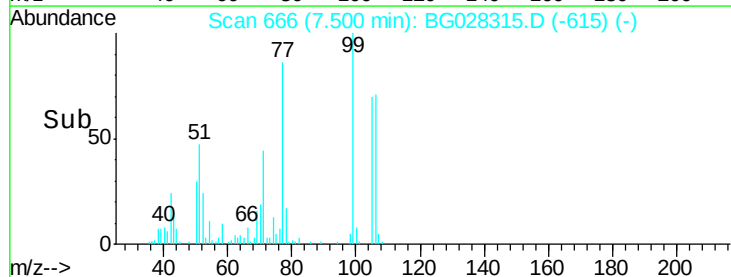
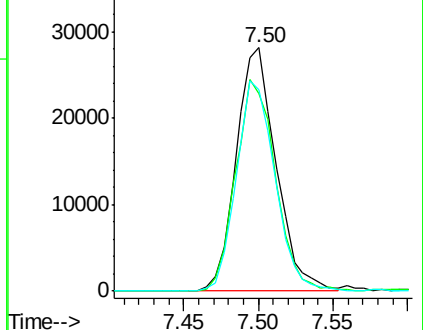
106 82.7 60.2 90.4

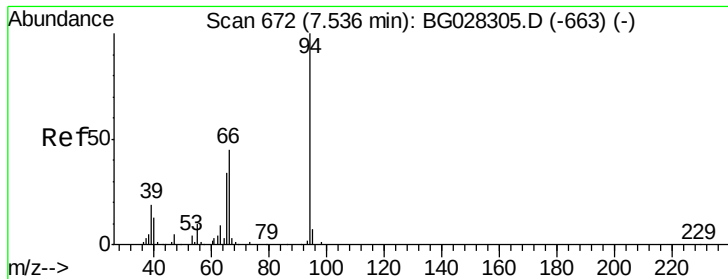


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC





#6

Phenol

Concen: 17.76 ng/ul

RT: 7.54 min Scan# 672

Delta R.T. -0.00 min

Lab File: BG028315.D

Acq: 14 Aug 2017 11:23

Instrument :

BNA_G

ClientSampleId :

SSTD02067

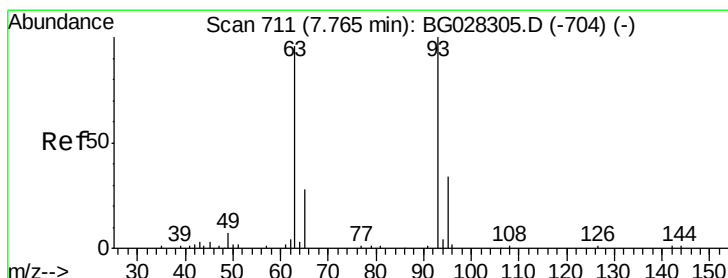
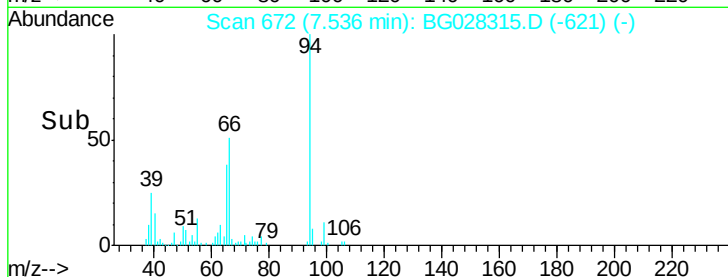
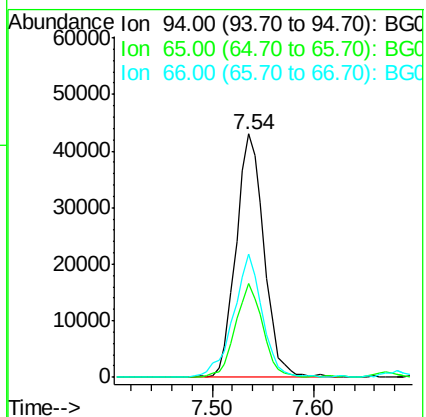
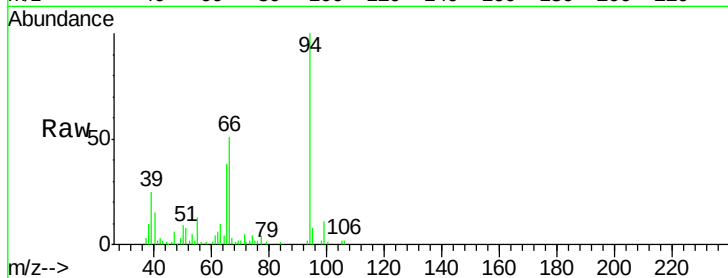
Tgt Ion: 94 Resp: 82093

Ion Ratio Lower Upper

94 100

65 38.4 26.8 40.2

66 50.7 44.4 66.6



#8

Bis(2-Chloroethyl)ether

Concen: 18.23 ng/ul

RT: 7.76 min Scan# 711

Delta R.T. -0.00 min

Lab File: BG028315.D

Acq: 14 Aug 2017 11:23

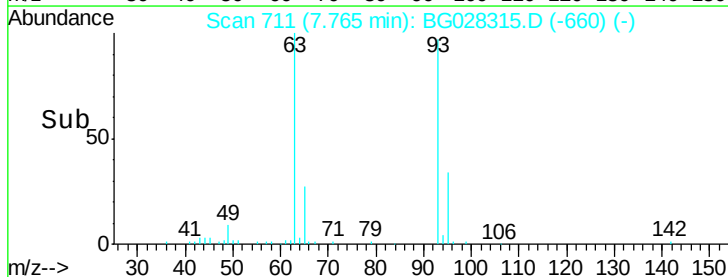
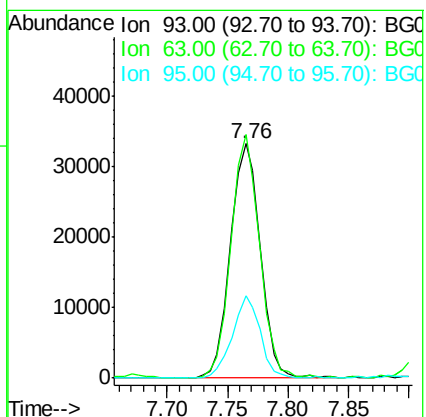
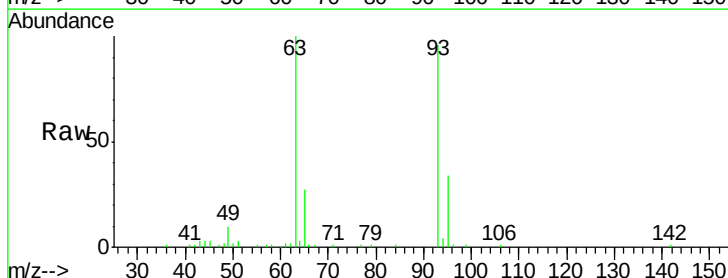
Tgt Ion: 93 Resp: 57426

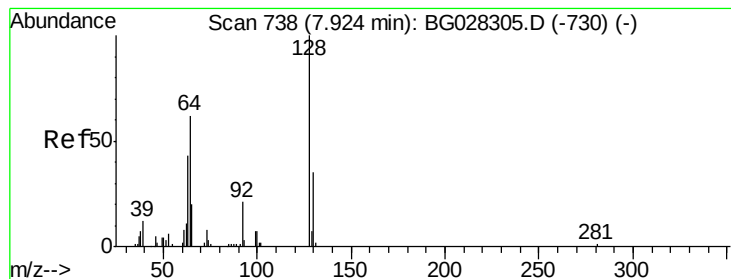
Ion Ratio Lower Upper

93 100

63 103.9 75.5 113.3

95 35.3 29.2 43.8





#10

2-Chlorophenol

Concen: 20.06 ng/ul

RT: 7.92 min Scan# 738

Delta R.T. -0.00 min

Lab File: BG028315.D

Acq: 14 Aug 2017 11:23

Instrument :

BNA_G

ClientSampleId :

SSTD02067

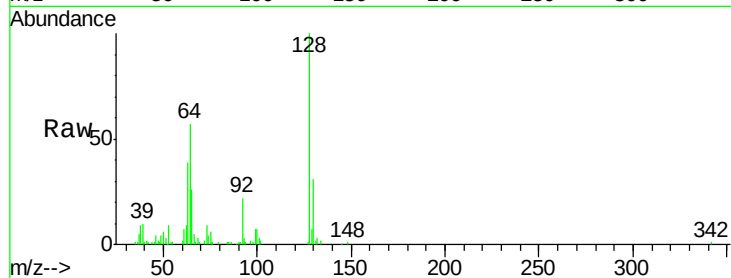
Tgt Ion:128 Resp: 57382

Ion Ratio Lower Upper

128 100

64 56.7 56.3 84.5

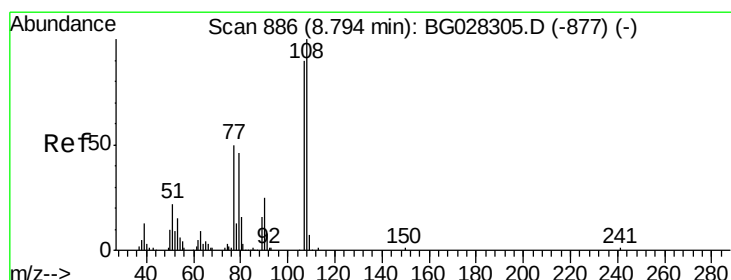
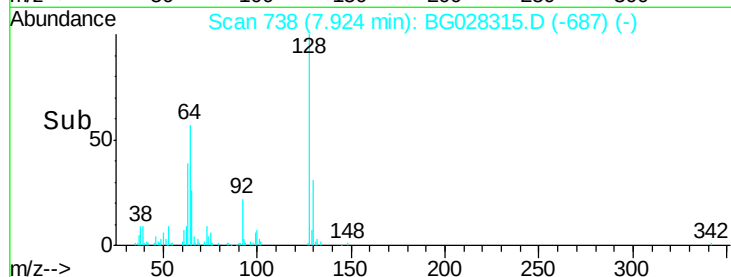
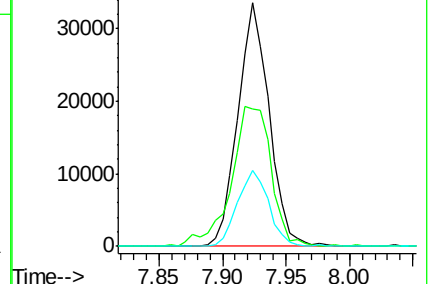
130 31.3 26.7 40.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 18.46 ng/ul

RT: 8.79 min Scan# 886

Delta R.T. -0.00 min

Lab File: BG028315.D

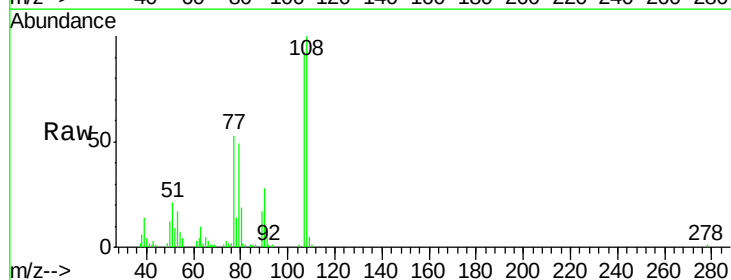
Acq: 14 Aug 2017 11:23

Tgt Ion:108 Resp: 60243

Ion Ratio Lower Upper

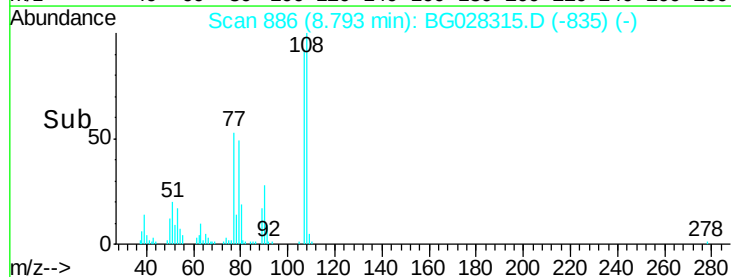
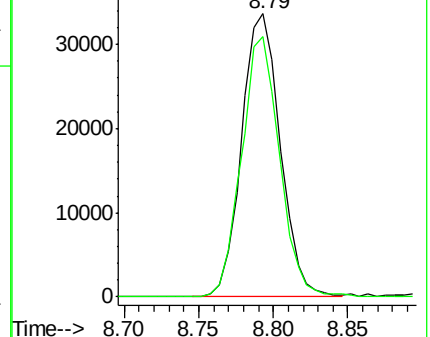
108 100

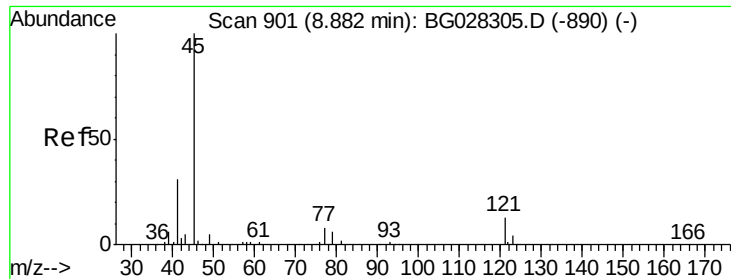
107 92.1 76.7 115.1



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

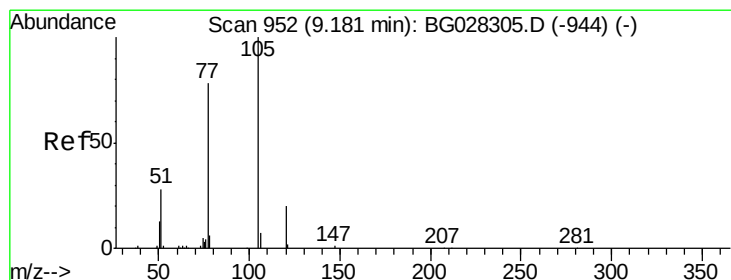
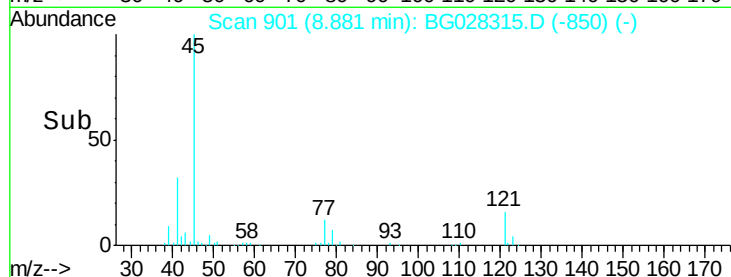
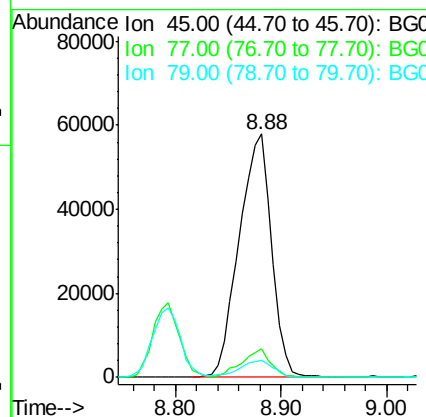
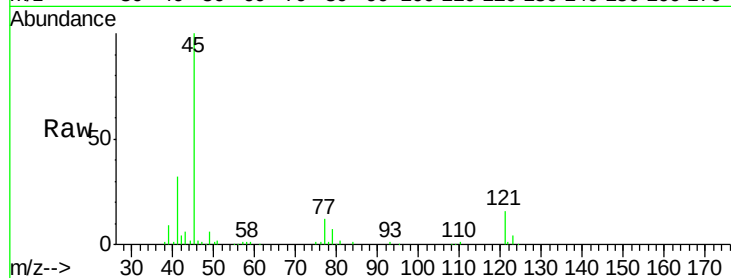




#12
2,2'-oxybis(1-chloropropane)
Concen: 16.07 ng/ul
RT: 8.88 min Scan# 901
Delta R.T. -0.00 min
Lab File: BG028315.D
Acq: 14 Aug 2017 11:23

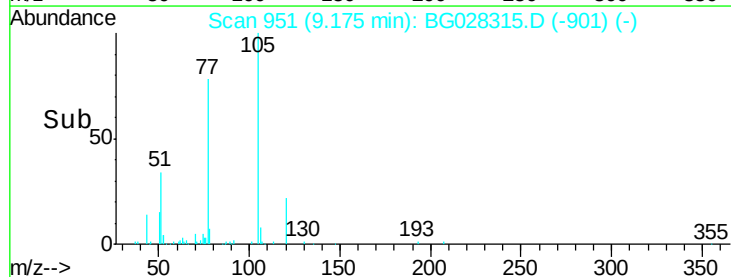
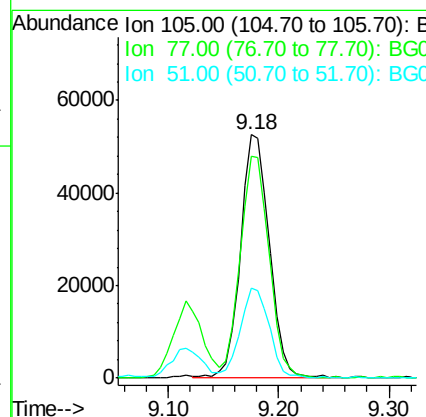
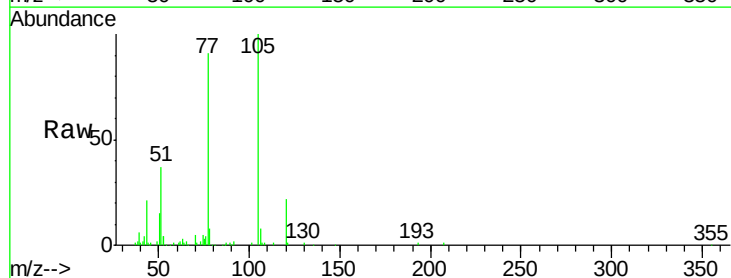
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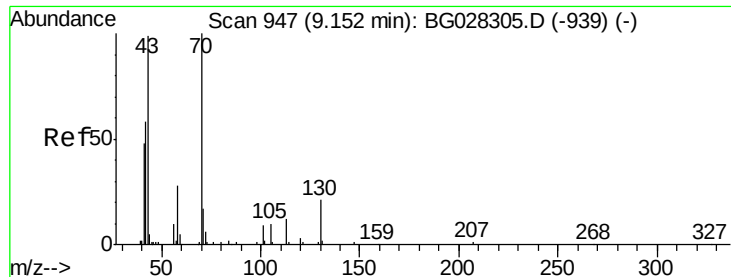
Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.9	10.0	15.0
79	7.2	7.3	10.9#



#14
Acetophenone
Concen: 17.53 ng/ul
RT: 9.18 min Scan# 951
Delta R.T. -0.01 min
Lab File: BG028315.D
Acq: 14 Aug 2017 11:23

Tgt Ion	Ratio	Lower	Upper
105	100		
77	91.1	76.0	114.0
51	37.0	34.8	52.2





#15

N-Nitroso-di-n-propylamine

Concen: 17.57 ng/ul

RT: 9.15 min Scan# 946

Delta R.T. -0.01 min

Lab File: BG028315.D

Acq: 14 Aug 2017 11:23

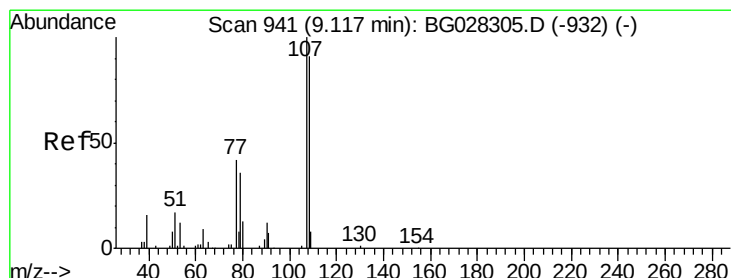
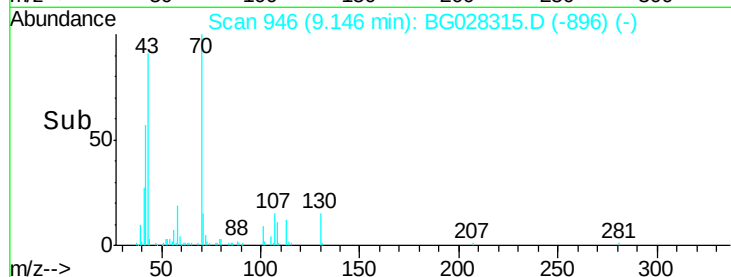
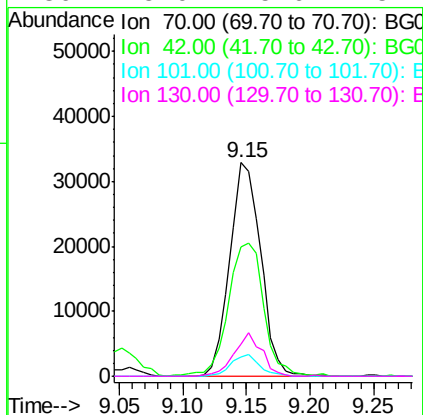
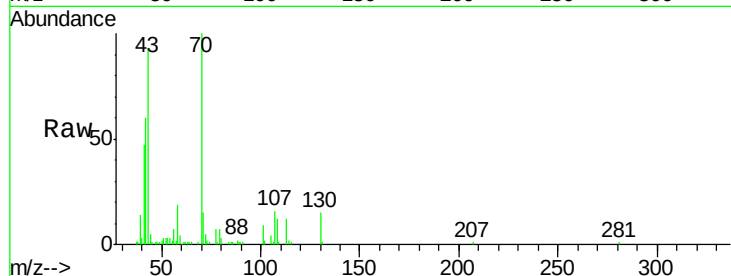
Instrument :

BNA_G

ClientSampleId :

SSTD02067

Tgt Ion:	70	Resp:	55388
Ion Ratio	Lower	Upper	
70	100		
42	60.4	59.0	88.6
101	9.2	6.6	9.8
130	15.0	15.6	23.4#



#16

4-Methylphenol

Concen: 18.32 ng/ul

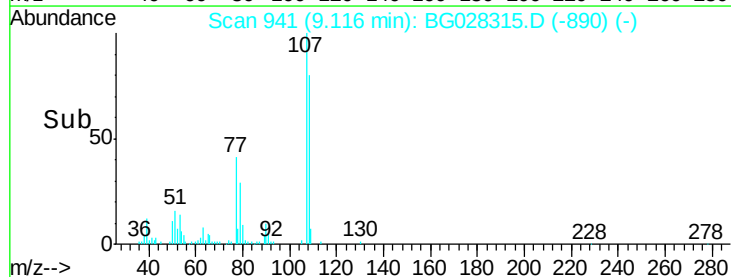
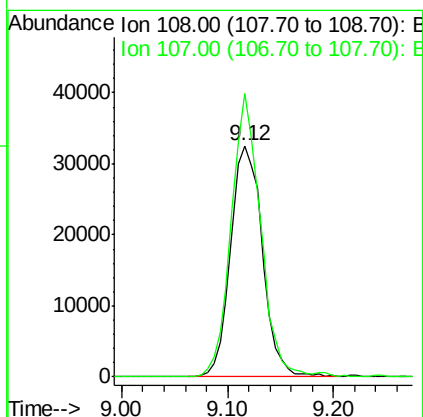
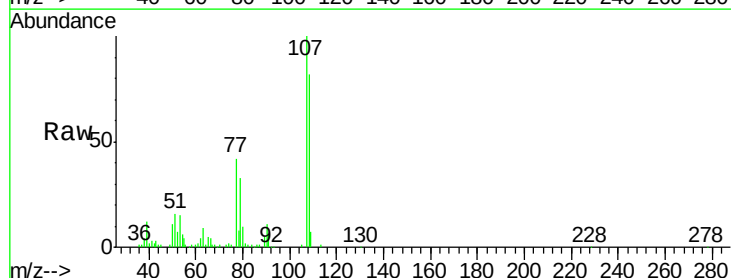
RT: 9.12 min Scan# 941

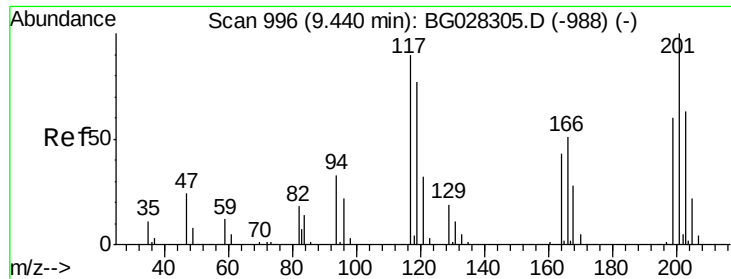
Delta R.T. -0.00 min

Lab File: BG028315.D

Acq: 14 Aug 2017 11:23

Tgt Ion:	108	Resp:	67516
Ion Ratio	Lower	Upper	
108	100		
107	122.3	91.7	137.5

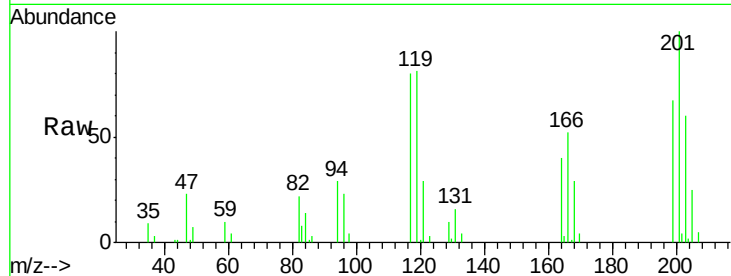




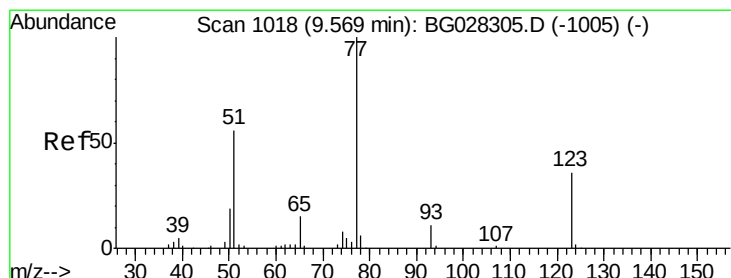
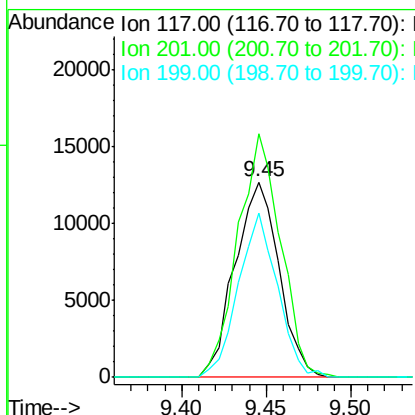
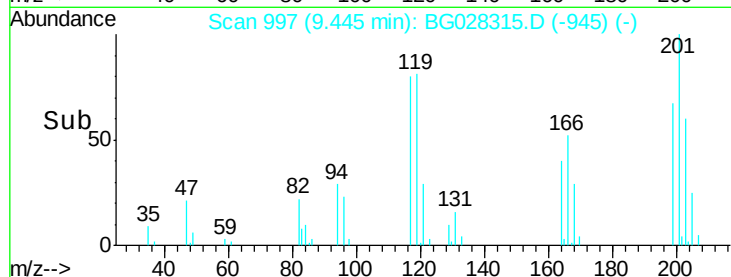
#17
Hexachloroethane
Concen: 19.43 ng/ul
RT: 9.45 min Scan# 997
Delta R.T. 0.01 min
Lab File: BG028315.D
Acq: 14 Aug 2017 11:23

Instrument :
BNA_G
ClientSampleId :
SSTD02067

Tgt Ion:117 Resp: 23032
Ion Ratio Lower Upper
117 100
201 124.8 91.9 137.9
199 83.9 64.3 96.5

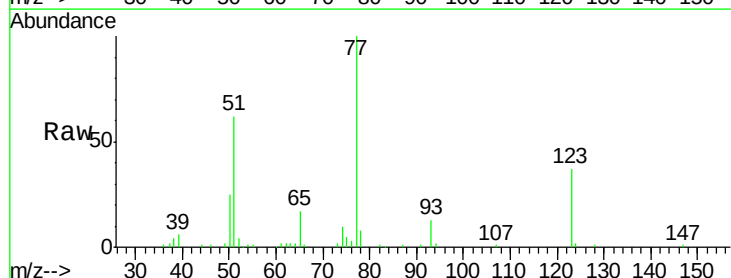


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

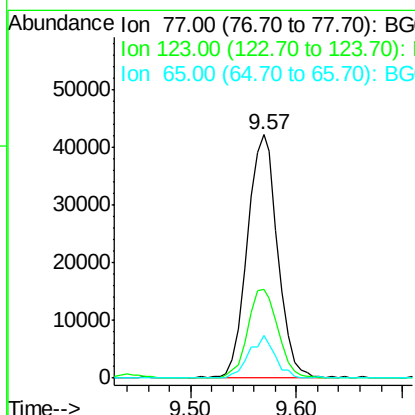
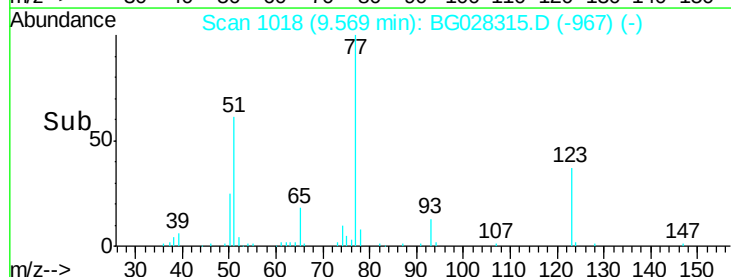


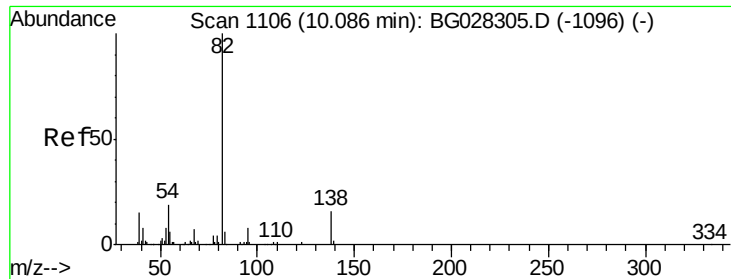
#20
Nitrobenzene
Concen: 19.89 ng/ul
RT: 9.57 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BG028315.D
Acq: 14 Aug 2017 11:23

Tgt Ion: 77 Resp: 84224
Ion Ratio Lower Upper
77 100
123 36.6 27.4 41.0
65 17.4 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

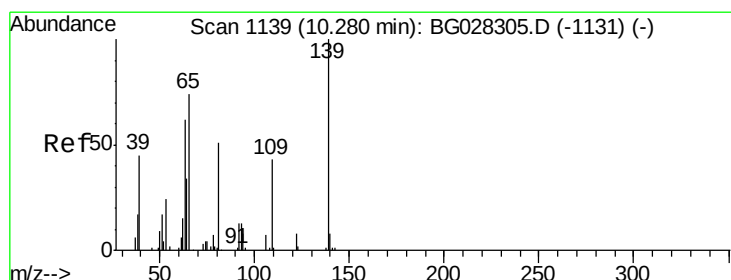
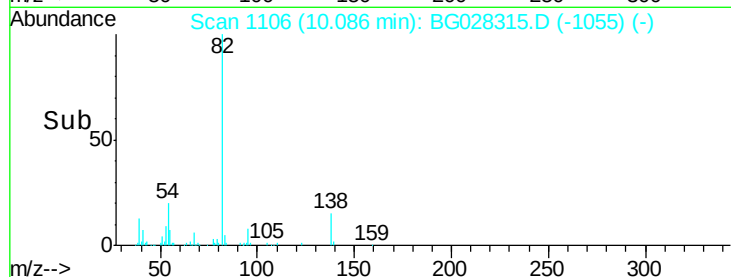
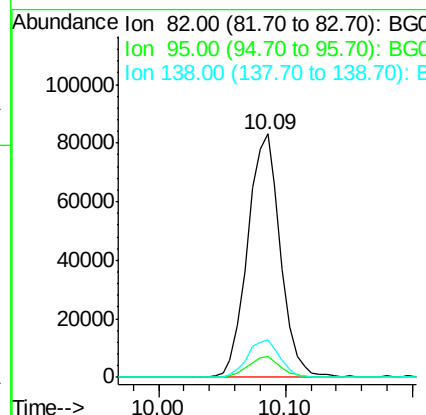
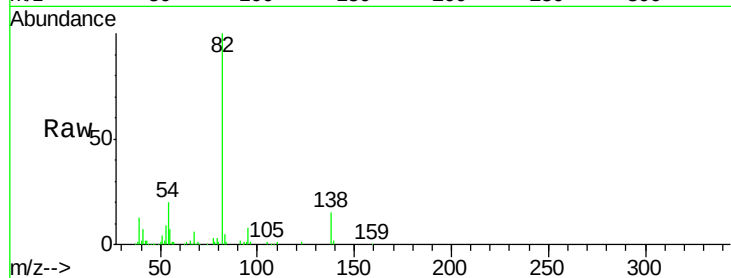




#21
Isophorone
Concen: 18.51 ng/ul
RT: 10.09 min Scan# 1106
Delta R.T. -0.00 min
Lab File: BG028315.D
Acq: 14 Aug 2017 11:23

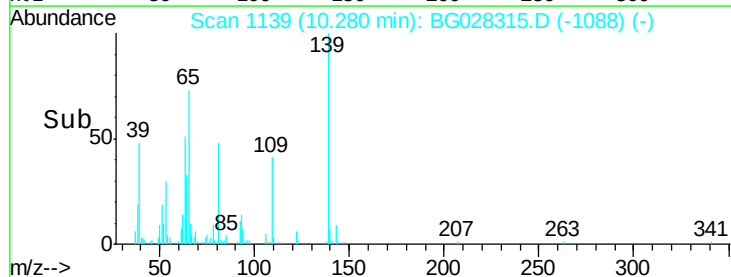
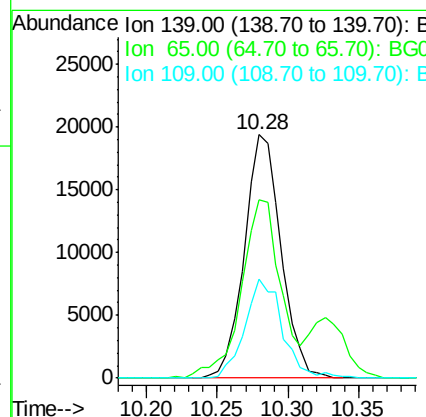
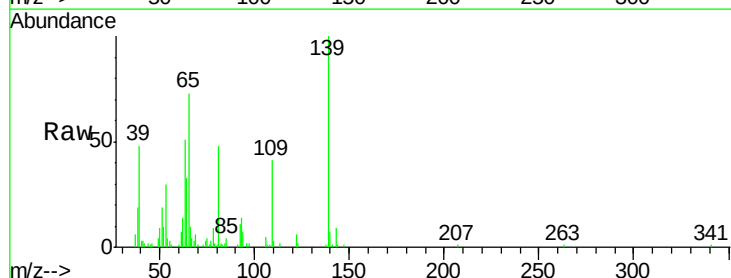
Instrument :
BNA_G
ClientSampleId :
SSTD02067

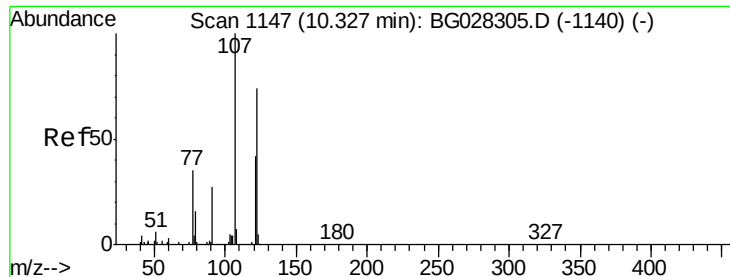
Tgt Ion	Ratio	Lower	Upper
82	100		
95	8.4	7.8	11.6
138	15.5	12.2	18.2



#23
2-Nitrophenol
Concen: 21.79 ng/ul
RT: 10.28 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BG028315.D
Acq: 14 Aug 2017 11:23

Tgt Ion	Ratio	Lower	Upper
139	100		
65	73.2	67.0	100.6
109	40.8	39.6	59.4

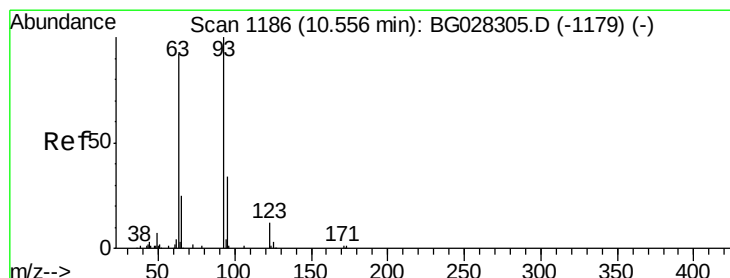
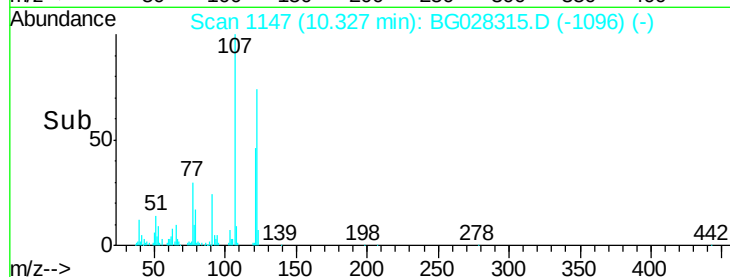
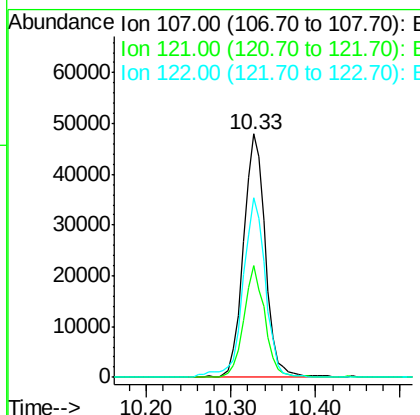
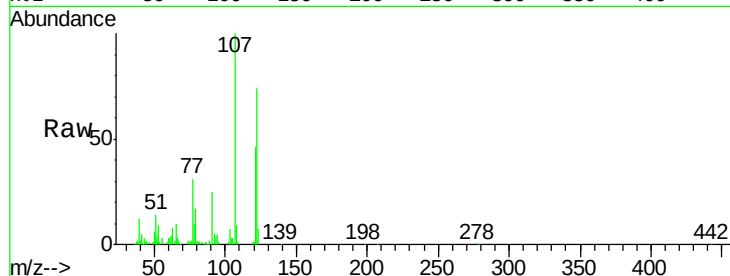




#24
 2,4-Dimethylphenol
 Concen: 21.28 ng/ul
 RT: 10.33 min Scan# 1147
 Delta R.T. -0.00 min
 Lab File: BG028315.D
 Acq: 14 Aug 2017 11:23

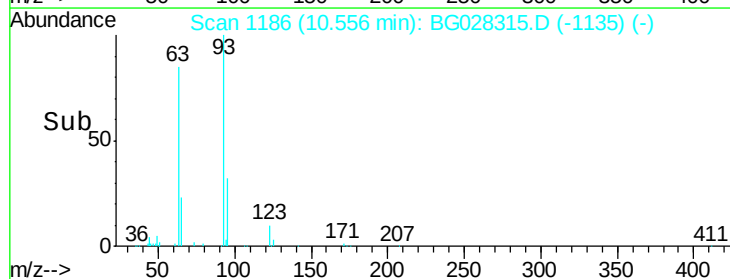
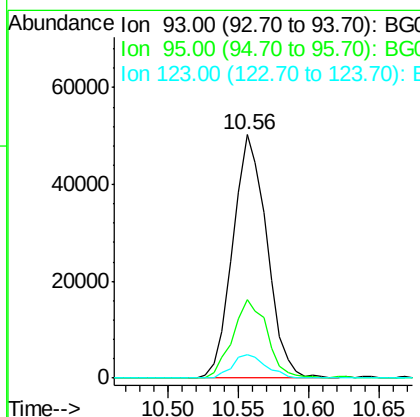
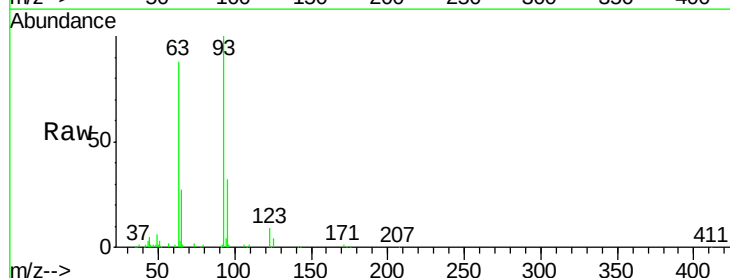
Instrument :
 BNA_G
 ClientSampleId :
 SSTD02067

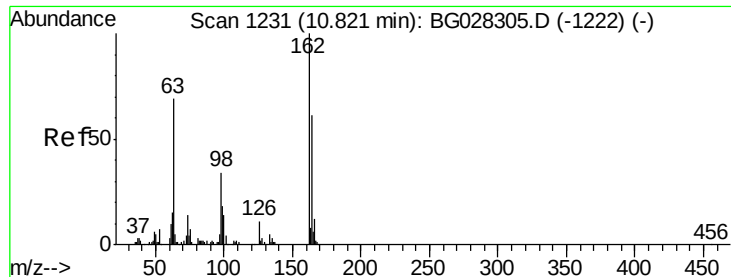
Tgt Ion	Ratio	Lower	Upper
107	100		
121	45.8	32.3	48.5
122	73.6	61.2	91.8



#25
 Bis(2-Chloroethoxy)methane
 Concen: 19.26 ng/ul
 RT: 10.56 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: BG028315.D
 Acq: 14 Aug 2017 11:23

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	23.4	35.0
123	9.5	7.8	11.6

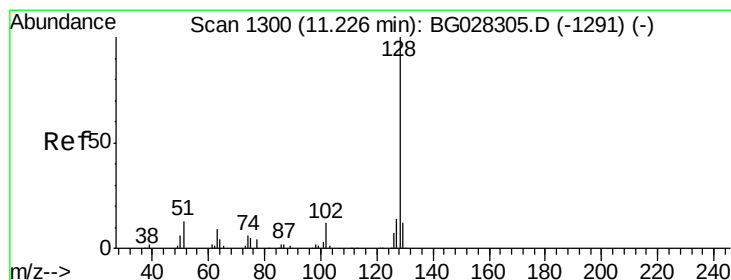
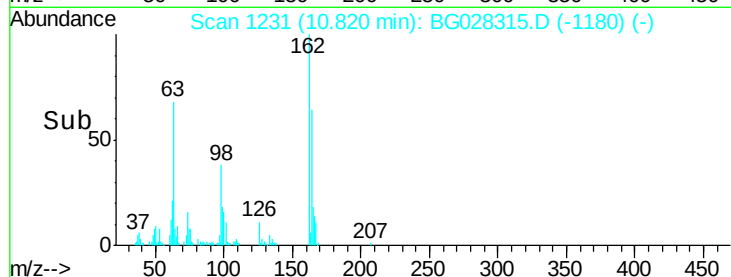
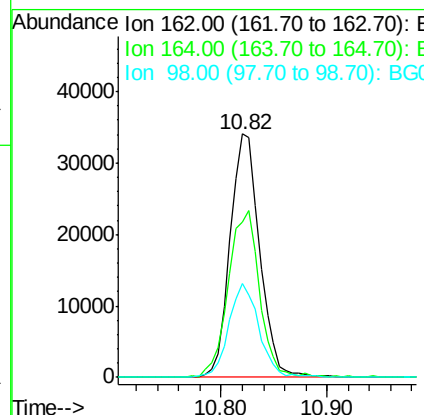
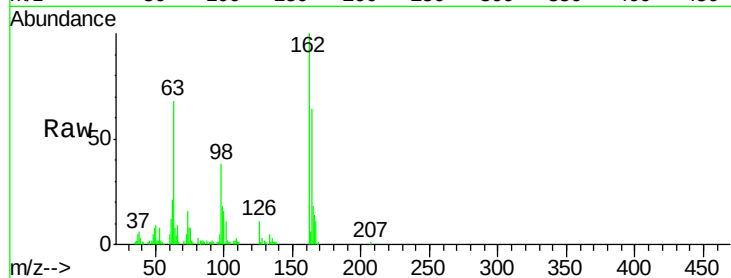




#27
 2,4-Dichlorophenol
 Concen: 21.83 ng/ul
 RT: 10.82 min Scan# 1231
 Delta R.T. -0.00 min
 Lab File: BG028315.D
 Acq: 14 Aug 2017 11:23

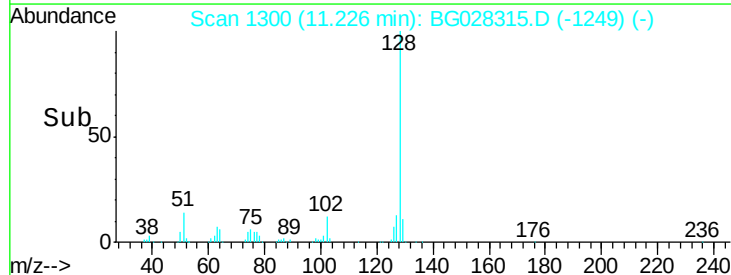
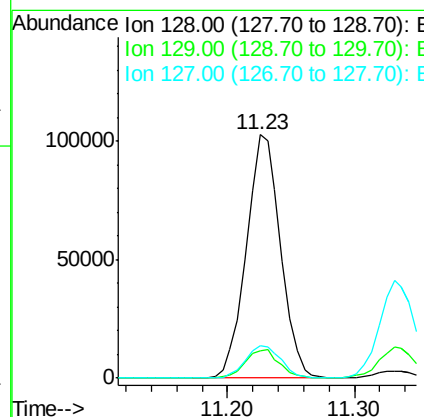
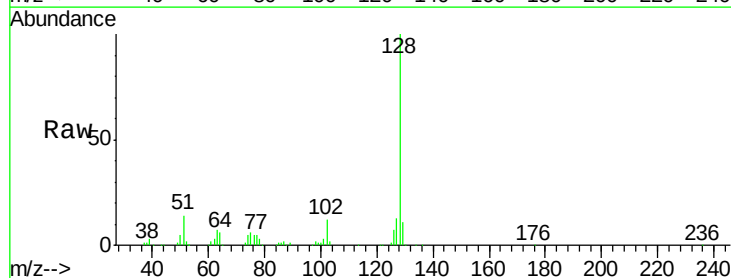
Instrument :
 BNA_G
 ClientSampleId :
 SSTD02067

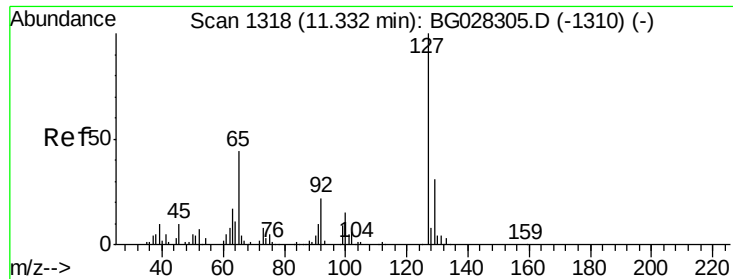
Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.8	50.8	76.2
98	38.4	32.1	48.1



#28
 Naphthalene
 Concen: 20.70 ng/ul
 RT: 11.23 min Scan# 1300
 Delta R.T. -0.00 min
 Lab File: BG028315.D
 Acq: 14 Aug 2017 11:23

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.4	14.2
127	13.2	10.3	15.5

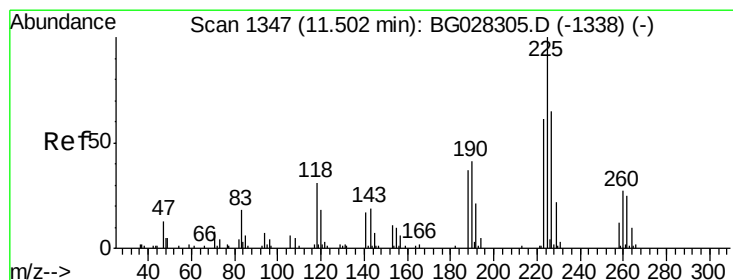
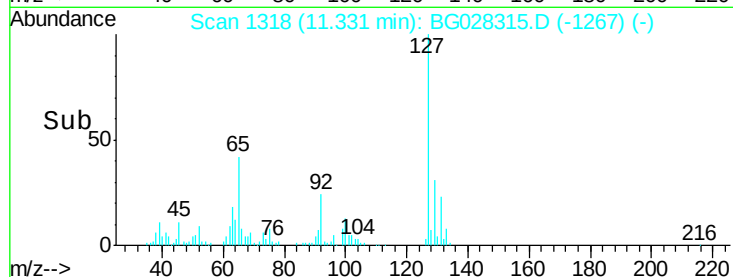
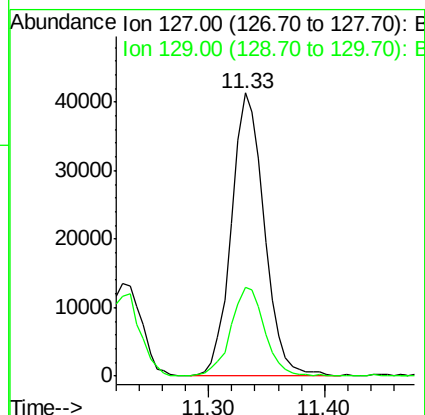
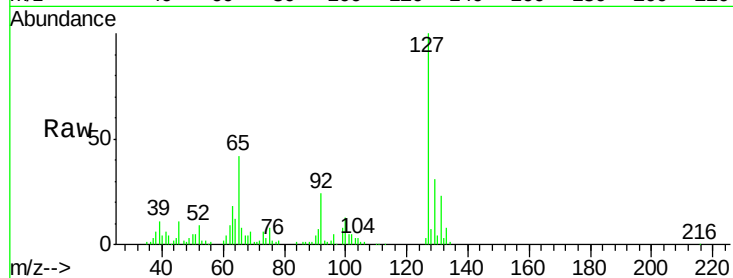




#30
4-Chloroaniline
Concen: 22.87 ng/ul
RT: 11.33 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BG028315.D
Acq: 14 Aug 2017 11:23

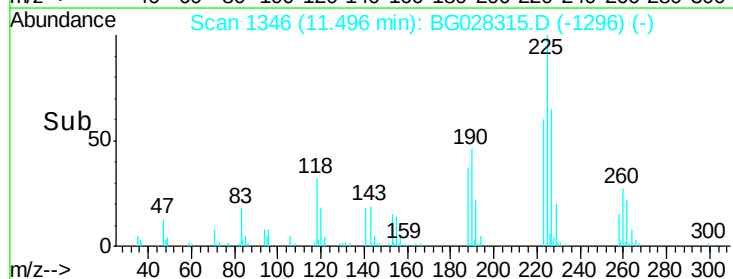
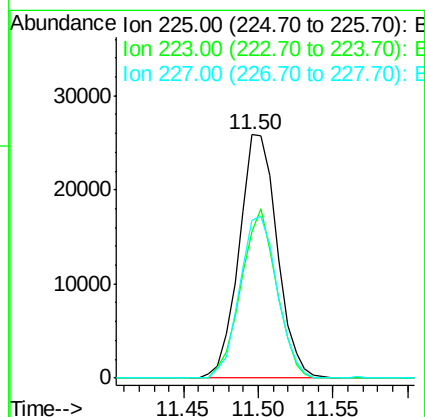
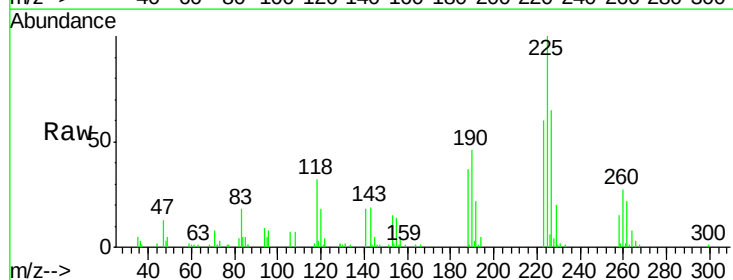
Instrument :
BNA_G
ClientSampleId :
SSTD02067

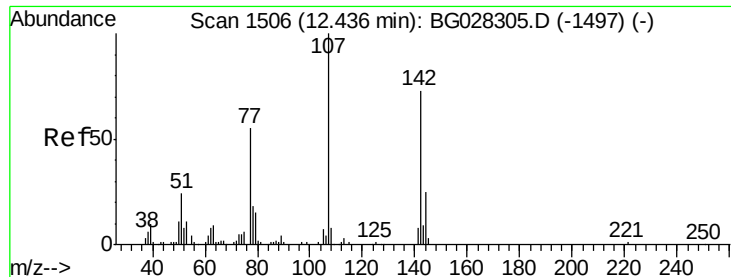
Tgt Ion:127 Resp: 81892
Ion Ratio Lower Upper
127 100
129 31.2 28.9 43.3



#31
Hexachlorobutadiene
Concen: 20.45 ng/ul
RT: 11.50 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG028315.D
Acq: 14 Aug 2017 11:23

Tgt Ion:225 Resp: 45601
Ion Ratio Lower Upper
225 100
223 60.2 45.9 68.9
227 65.0 44.7 67.1

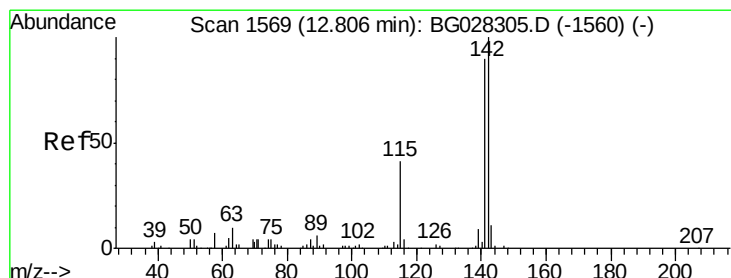
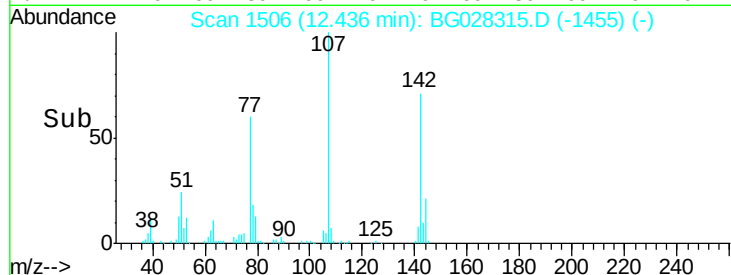
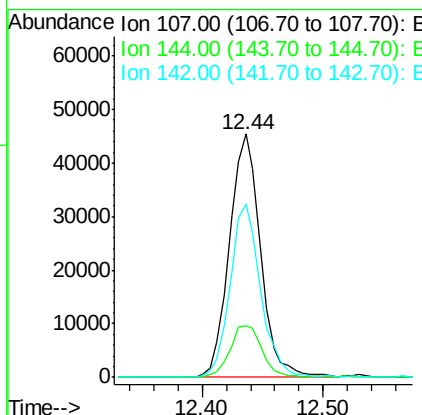
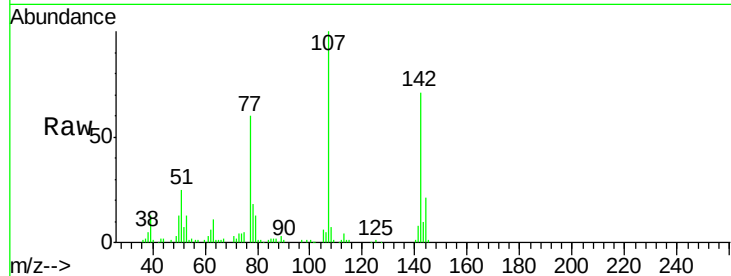




#33
 4-Chloro-3-methylphenol
 Concen: 21.09 ng/ul
 RT: 12.44 min Scan# 1506
 Delta R.T. -0.00 min
 Lab File: BG028315.D
 Acq: 14 Aug 2017 11:23

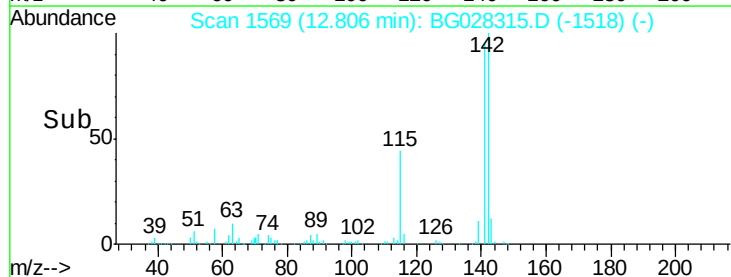
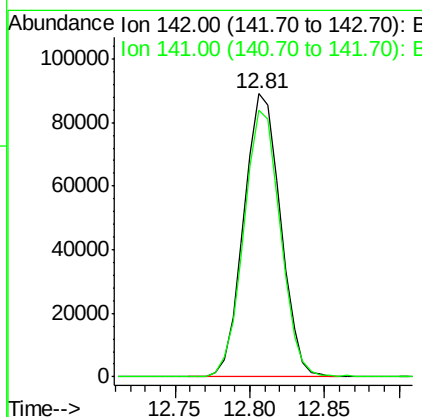
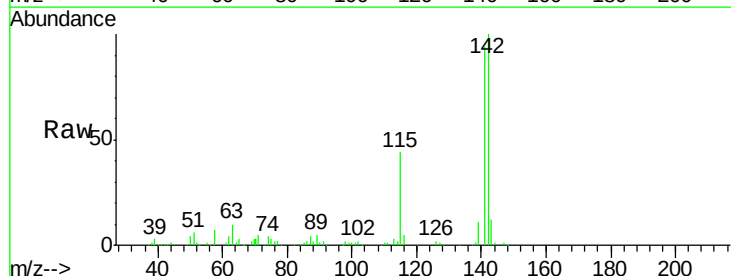
Instrument :
 BNA_G
 ClientSampleId :
 SSTD02067

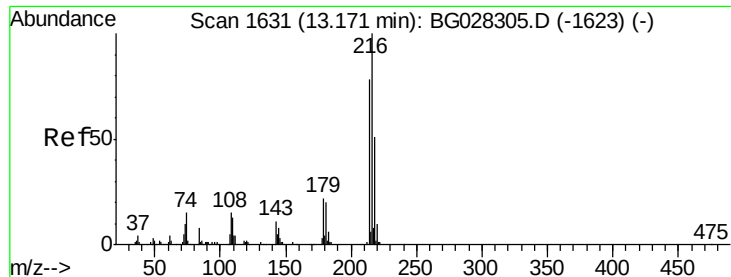
Tgt Ion	Resp	Lower	Upper
107	81318		
144	21.3	18.2	27.4
142	71.4	55.0	82.4



#34
 2-Methylnaphthalene
 Concen: 20.38 ng/ul
 RT: 12.81 min Scan# 1569
 Delta R.T. -0.00 min
 Lab File: BG028315.D
 Acq: 14 Aug 2017 11:23

Tgt Ion	Resp	Lower	Upper
142	151682		
141	94.5	68.6	102.8





#36

1,2,4,5-Tetrachlorobenzene

Concen: 21.81 ng/ul

RT: 13.17 min Scan# 1631

Delta R.T. -0.00 min

Lab File: BG028315.D

Acq: 14 Aug 2017 11:23

Instrument :

BNA_G

ClientSampleId :

SSTD02067

Tgt Ion:216 Resp: 95013

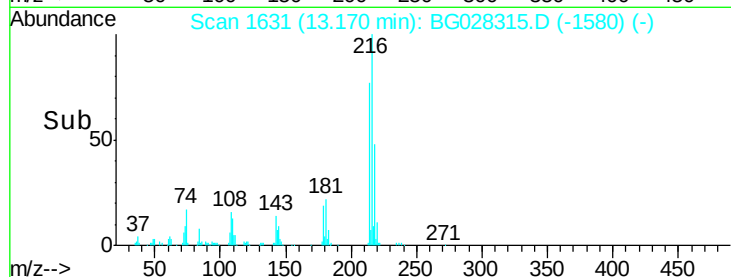
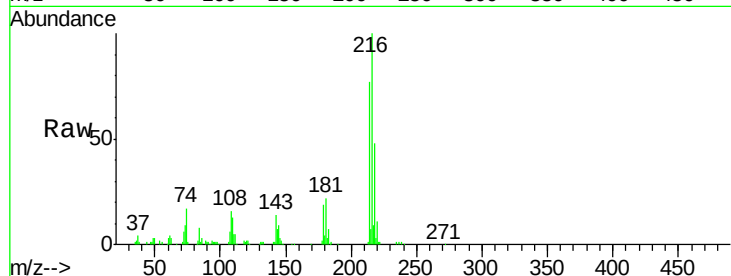
Ion Ratio Lower Upper

216 100

214 77.5 67.0 100.6

179 19.3 18.1 27.1

108 15.9 14.1 21.1

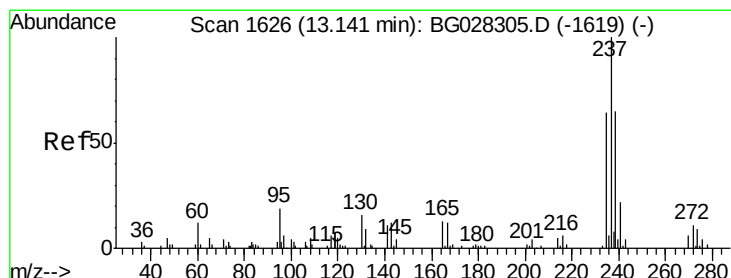
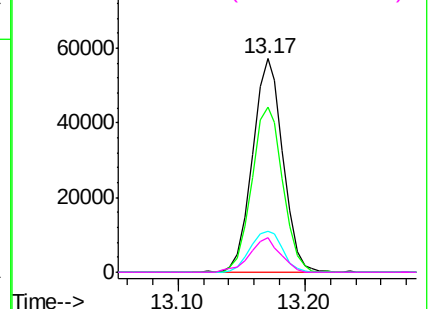


Abundance Ion 216.00 (215.70 to 216.70): E

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



#37

Hexachlorocyclopentadiene

Concen: 15.22 ng/ul

RT: 13.14 min Scan# 1626

Delta R.T. -0.00 min

Lab File: BG028315.D

Acq: 14 Aug 2017 11:23

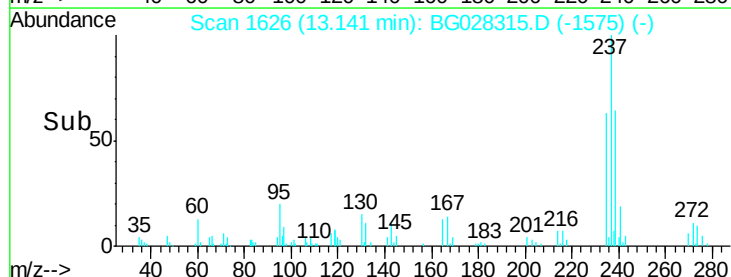
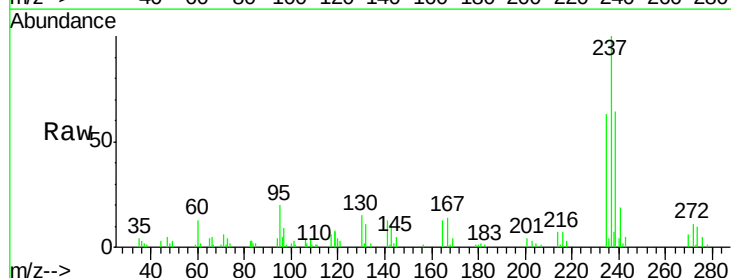
Tgt Ion:237 Resp: 36581

Ion Ratio Lower Upper

237 100

235 62.9 50.2 75.4

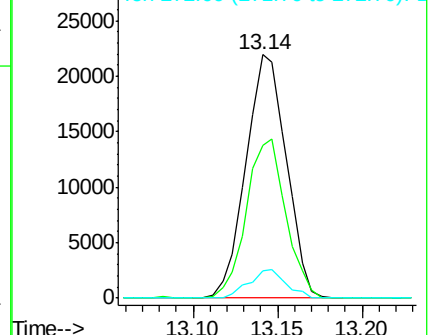
272 11.4 10.6 16.0

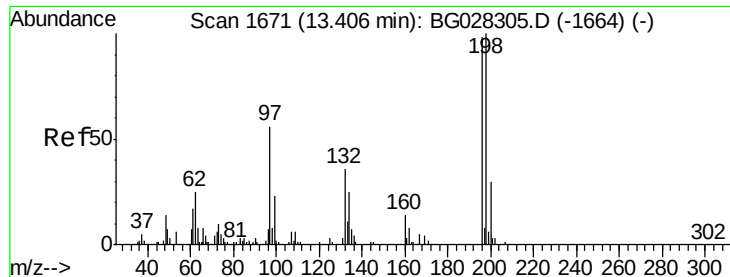


Abundance Ion 237.00 (236.70 to 237.70): E

Ion 235.00 (234.70 to 235.70): E

Ion 272.00 (271.70 to 272.70): E

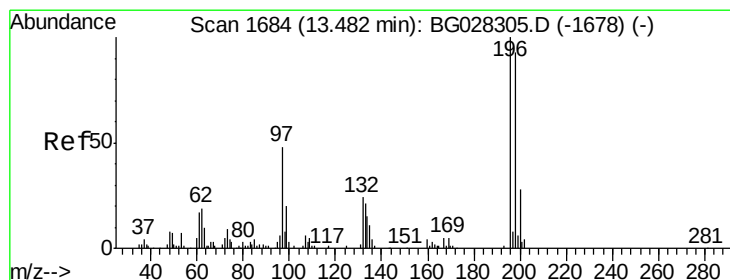
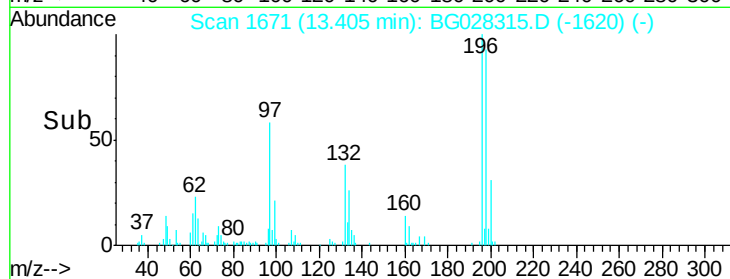
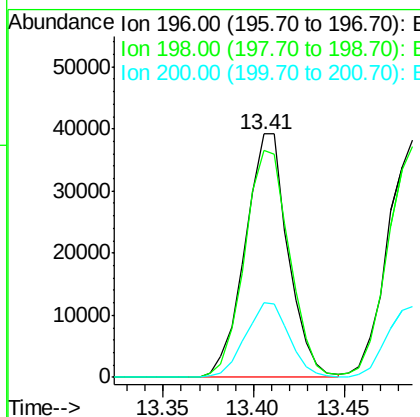
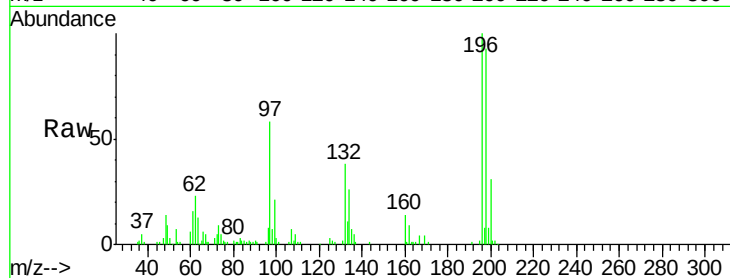




#38
 2,4,6-Trichlorophenol
 Concen: 23.76 ng/ul
 RT: 13.41 min Scan# 1671
 Delta R.T. -0.00 min
 Lab File: BG028315.D
 Acq: 14 Aug 2017 11:23

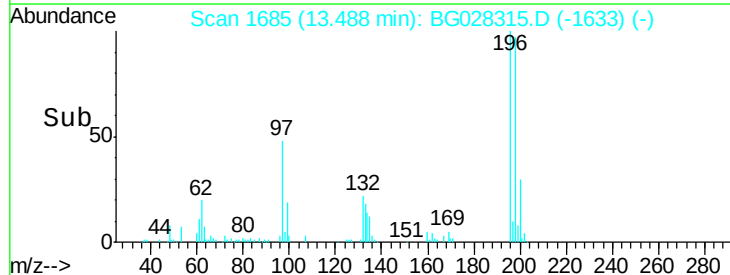
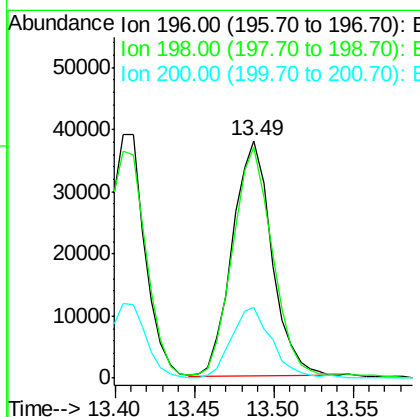
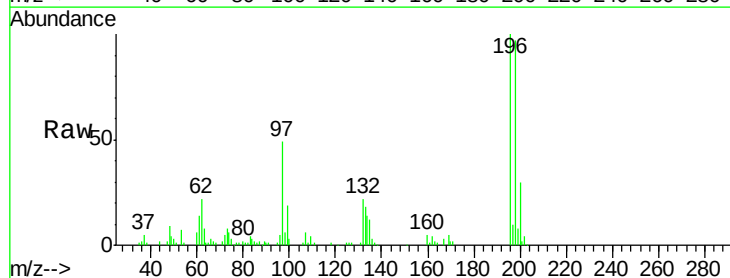
Instrument :
 BNA_G
 ClientSampleId :
 SSTD02067

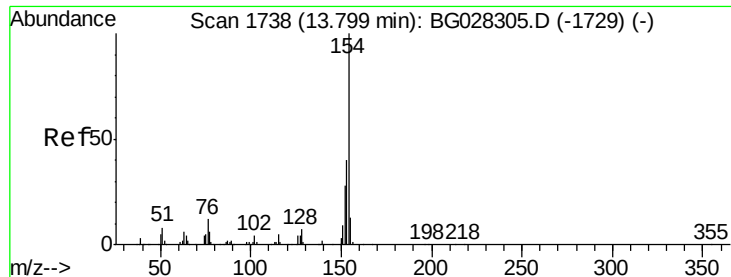
Tgt Ion:196 Resp: 64530
 Ion Ratio Lower Upper
 196 100
 198 93.1 71.4 107.2
 200 30.9 24.6 37.0



#39
 2,4,5-Trichlorophenol
 Concen: 22.20 ng/ul
 RT: 13.49 min Scan# 1685
 Delta R.T. 0.01 min
 Lab File: BG028315.D
 Acq: 14 Aug 2017 11:23

Tgt Ion:196 Resp: 65707
 Ion Ratio Lower Upper
 196 100
 198 97.0 78.6 118.0
 200 29.7 27.3 40.9

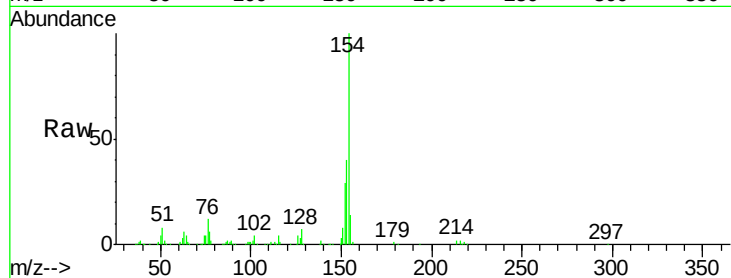




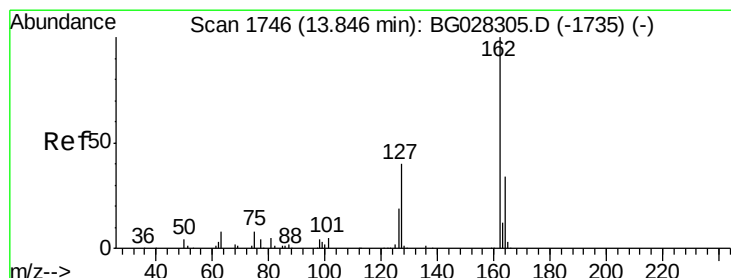
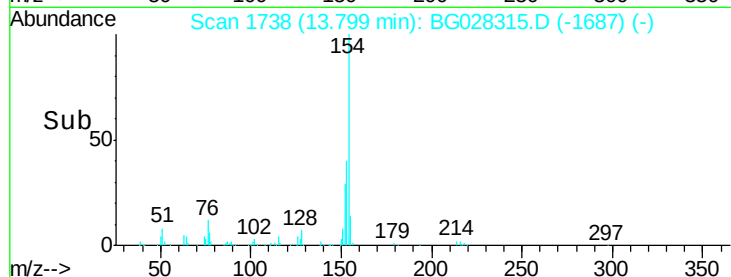
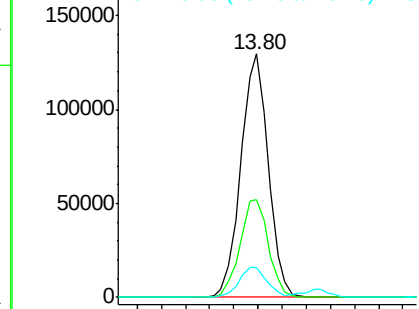
#40
 1,1'-Biphenyl
 Concen: 20.77 ng/ul
 RT: 13.80 min Scan# 1738
 Delta R.T. -0.00 min
 Lab File: BG028315.D
 Acq: 14 Aug 2017 11:23

Instrument :
 BNA_G
 ClientSampleId :
 SST02067

Tgt Ion:	154	Resp:	205063
Ion Ratio	Lower	Upper	
154	100		
153	40.1	32.2	48.2
76	12.5	9.6	14.4

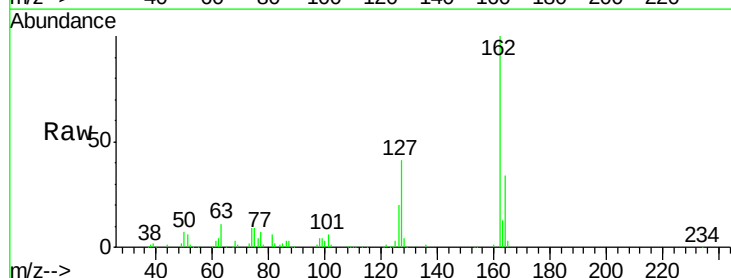


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): B

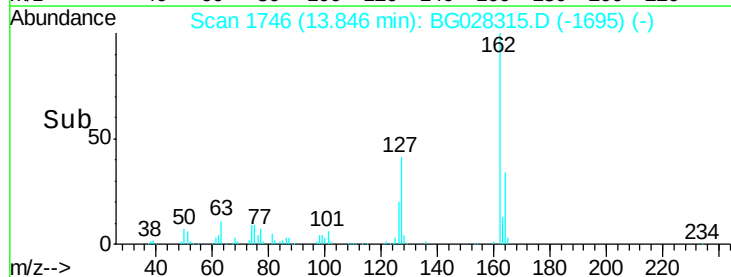
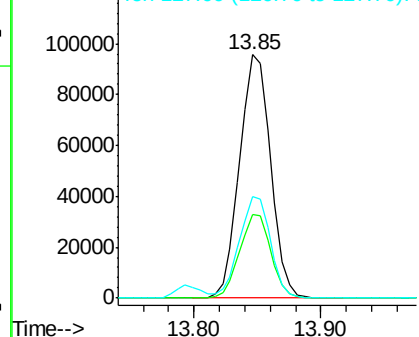


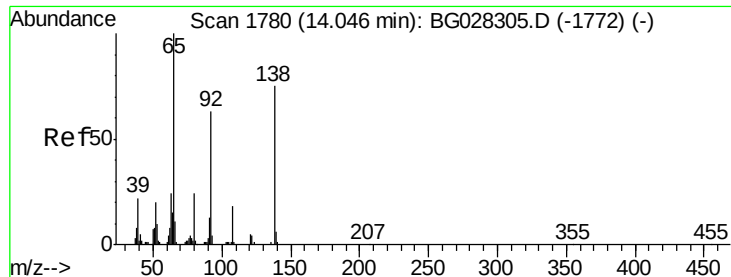
#41
 2-Chloronaphthalene
 Concen: 20.77 ng/ul
 RT: 13.85 min Scan# 1746
 Delta R.T. -0.00 min
 Lab File: BG028315.D
 Acq: 14 Aug 2017 11:23

Tgt Ion:	162	Resp:	161998
Ion Ratio	Lower	Upper	
162	100		
164	34.4	25.0	37.6
127	41.5	30.7	46.1



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 127.00 (126.70 to 127.70): E

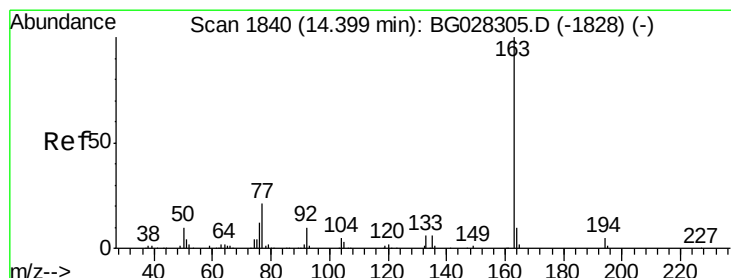
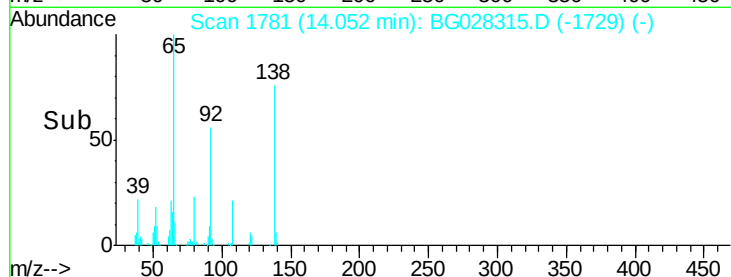
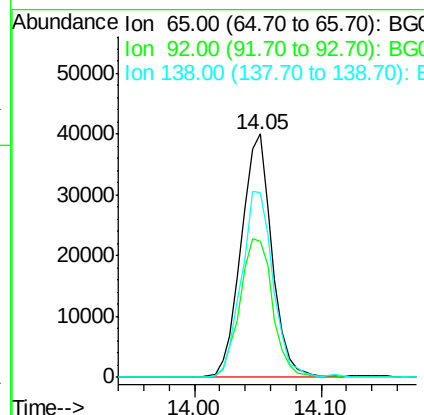
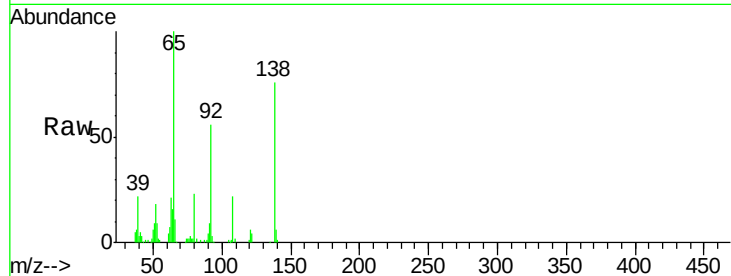




#42
 2-Nitroaniline
 Concen: 20.52 ng/ul
 RT: 14.05 min Scan# 1781
 Delta R.T. 0.01 min
 Lab File: BG028315.D
 Acq: 14 Aug 2017 11:23

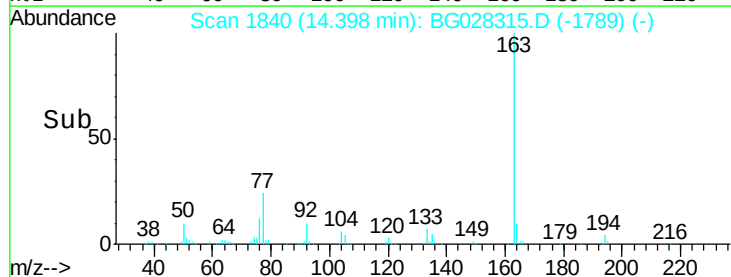
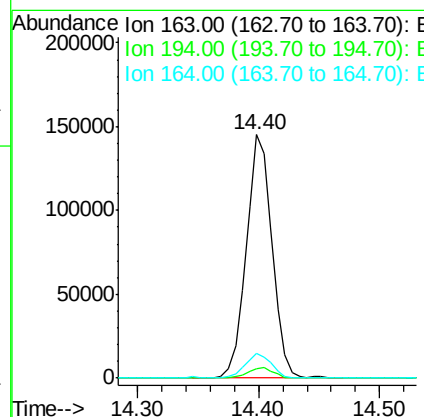
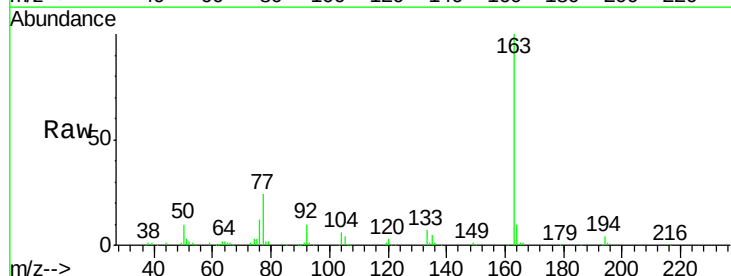
Instrument :
 BNA_G
 ClientSampled :
 SSTD02067

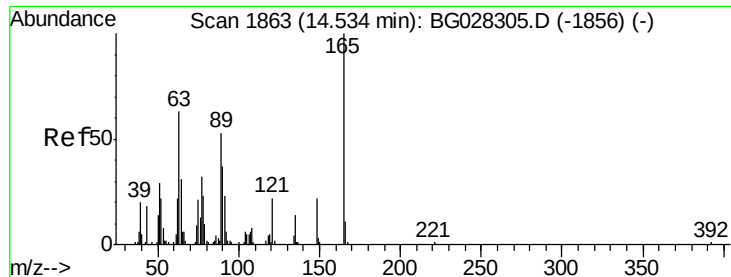
Tgt Ion: 65 Resp: 67133
 Ion Ratio Lower Upper
 65 100
 92 56.0 50.9 76.3
 138 75.6 61.8 92.6



#44
 Dimethylphthalate
 Concen: 19.49 ng/ul
 RT: 14.40 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BG028315.D
 Acq: 14 Aug 2017 11:23

Tgt Ion: 163 Resp: 215734
 Ion Ratio Lower Upper
 163 100
 194 3.9 3.4 5.0
 164 10.0 9.0 13.4

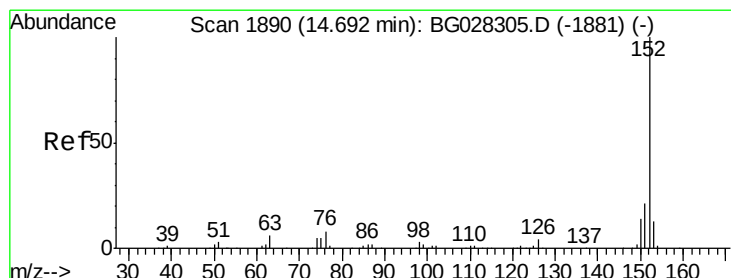
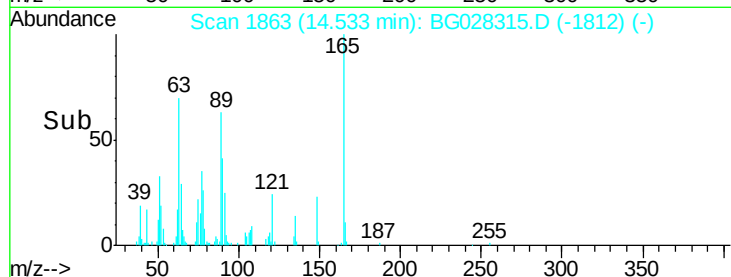
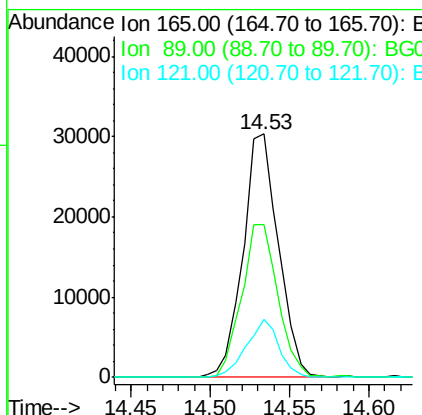
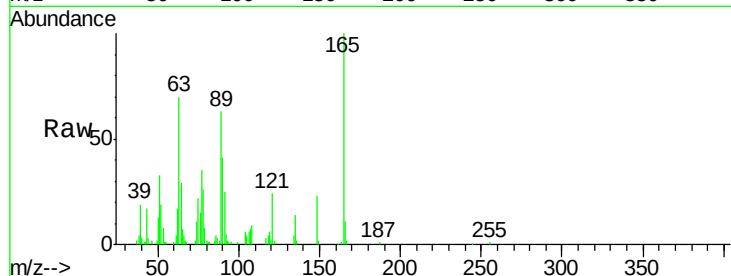




#45
 2,6-Dinitrotoluene
 Concen: 20.62 ng/ul
 RT: 14.53 min Scan# 1863
 Delta R.T. -0.00 min
 Lab File: BG028315.D
 Acq: 14 Aug 2017 11:23

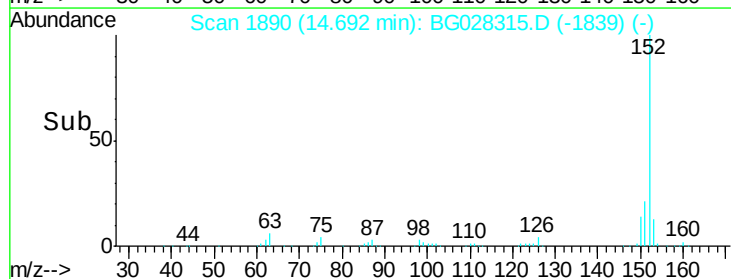
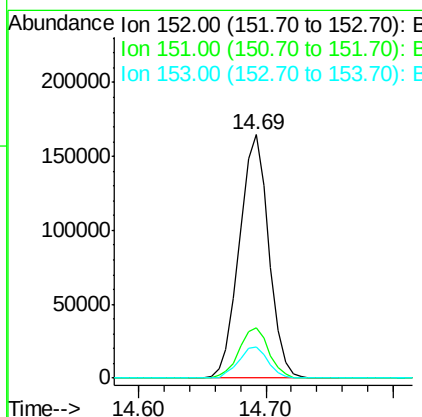
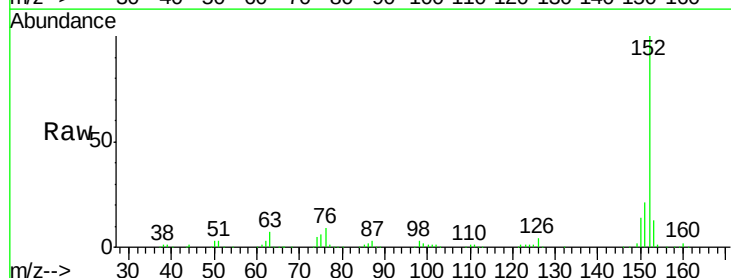
Instrument :
 BNA_G
 ClientSampleId :
 SSTD02067

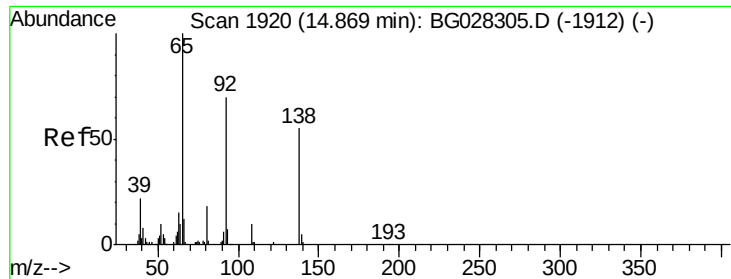
Tgt Ion	Ratio	Lower	Upper
165	100		
89	62.5	52.9	79.3
121	23.9	22.2	33.4



#47
 Acenaphthylene
 Concen: 20.40 ng/ul
 RT: 14.69 min Scan# 1890
 Delta R.T. -0.00 min
 Lab File: BG028315.D
 Acq: 14 Aug 2017 11:23

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.7	25.1
153	12.8	11.4	17.2

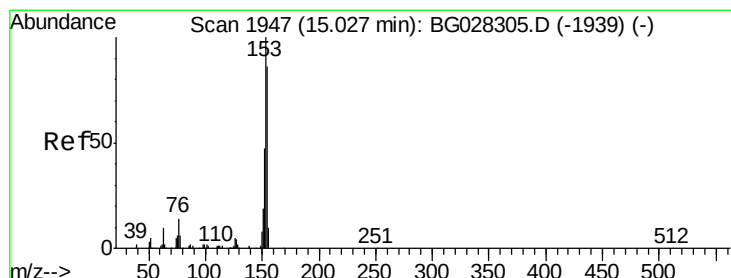
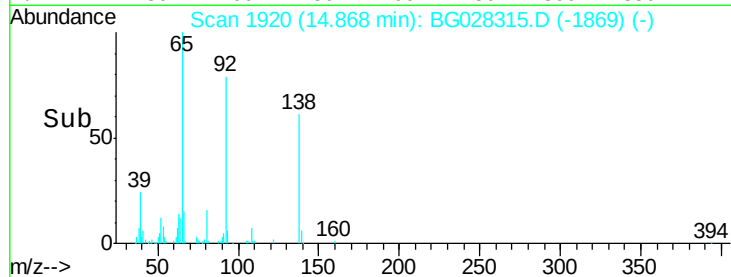
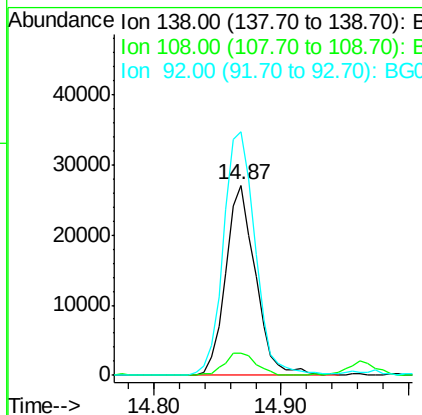
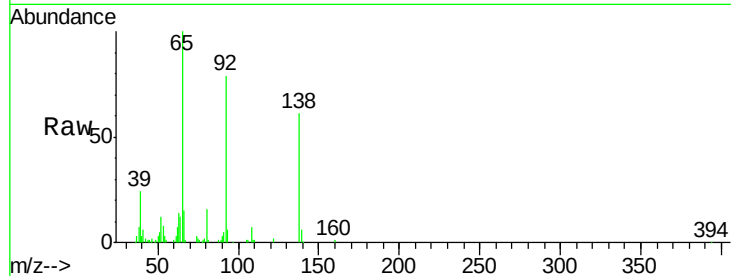




#48
 3-Nitroaniline
 Concen: 21.33 ng/ul
 RT: 14.87 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: BG028315.D
 Acq: 14 Aug 2017 11:23

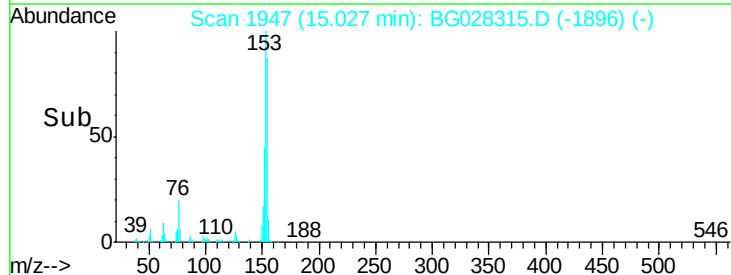
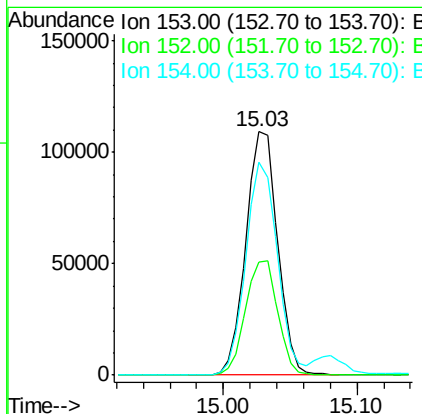
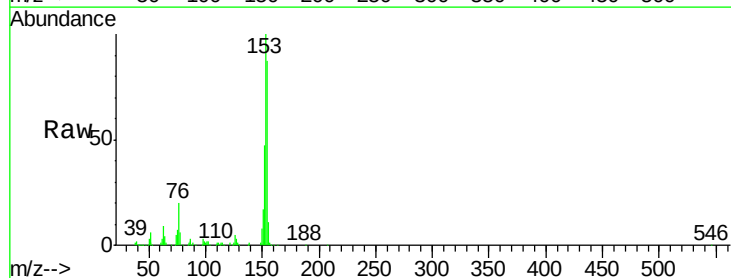
Instrument :
 BNA_G
 ClientSampleId :
 SSTD02067

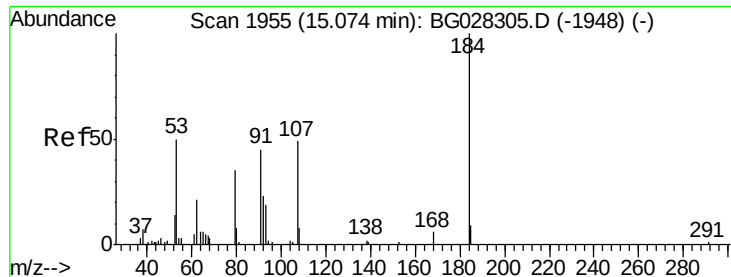
Tgt Ion:138 Resp: 43888
 Ion Ratio Lower Upper
 138 100
 108 11.4 6.3 9.5#
 92 127.9 106.4 159.6



#49
 Acenaphthene
 Concen: 20.50 ng/ul
 RT: 15.03 min Scan# 1947
 Delta R.T. -0.00 min
 Lab File: BG028315.D
 Acq: 14 Aug 2017 11:23

Tgt Ion:153 Resp: 179183
 Ion Ratio Lower Upper
 153 100
 152 46.6 36.5 54.7
 154 87.3 72.3 108.5

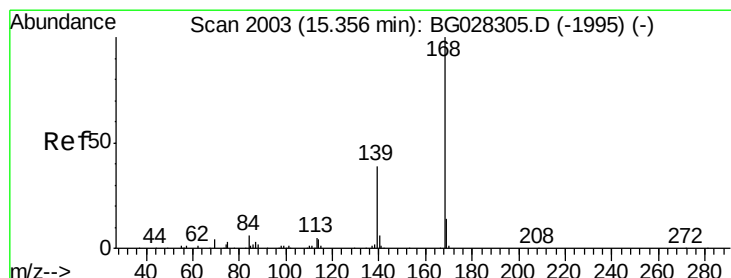
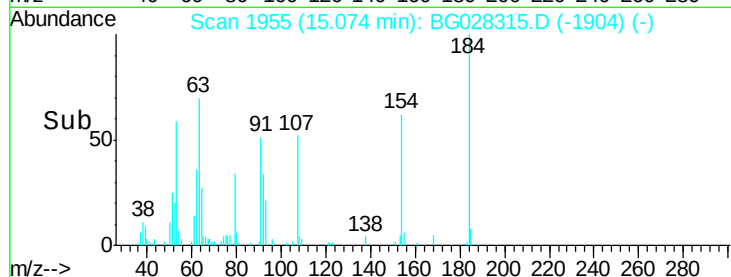
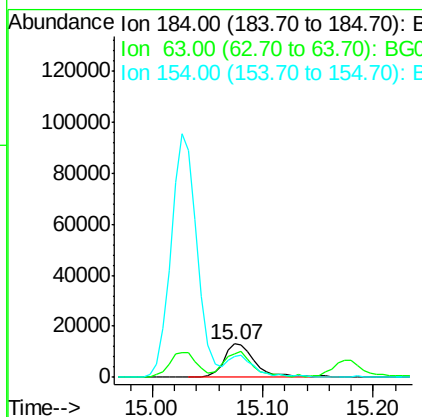
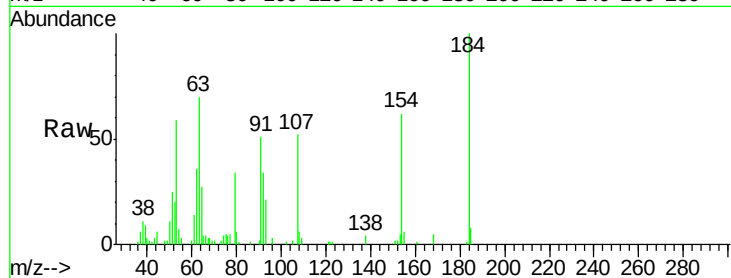




#50
 2,4-Dinitrophenol
 Concen: 20.15 ng/ul
 RT: 15.07 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: BG028315.D
 Acq: 14 Aug 2017 11:23

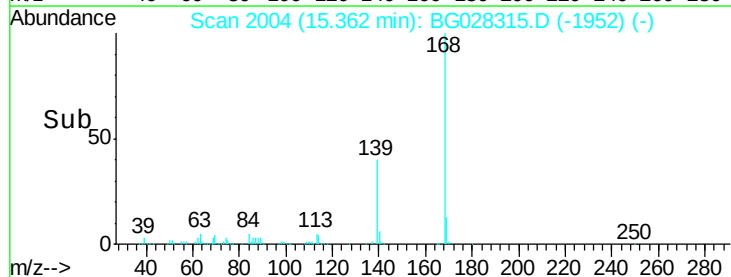
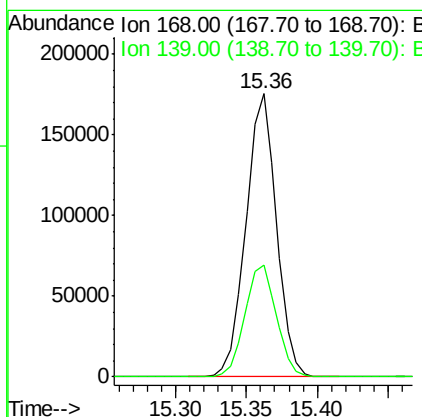
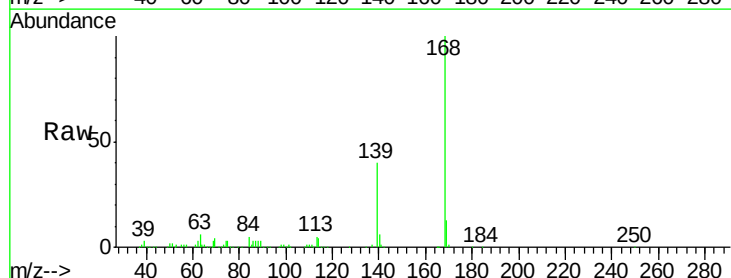
Instrument :
 BNA_G
 ClientSampleId :
 SSTD02067

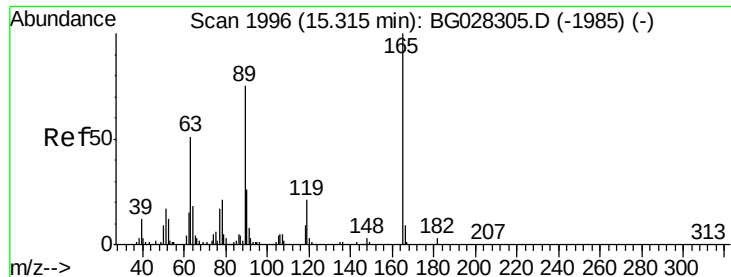
Tgt Ion:184 Resp: 25953
 Ion Ratio Lower Upper
 184 100
 63 70.2 65.1 97.7
 154 61.8 68.2 102.4#



#53
 Dibenzofuran
 Concen: 20.91 ng/ul
 RT: 15.36 min Scan# 2004
 Delta R.T. 0.01 min
 Lab File: BG028315.D
 Acq: 14 Aug 2017 11:23

Tgt Ion:168 Resp: 266511
 Ion Ratio Lower Upper
 168 100
 139 39.7 33.8 50.8

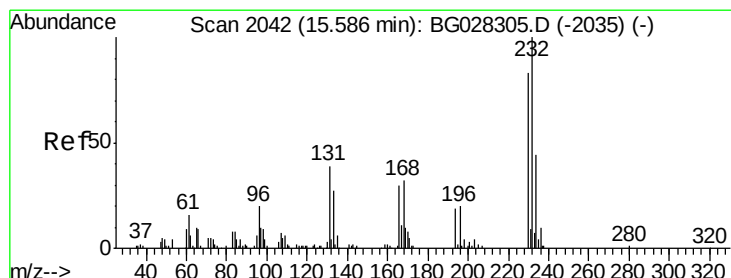
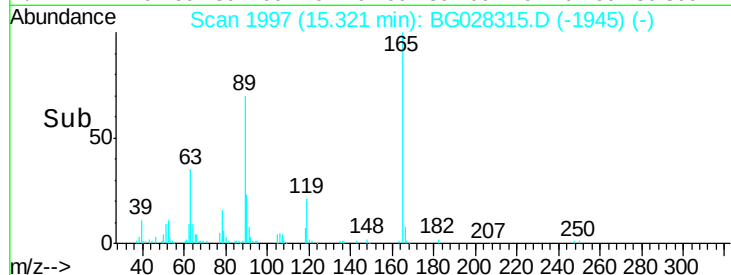
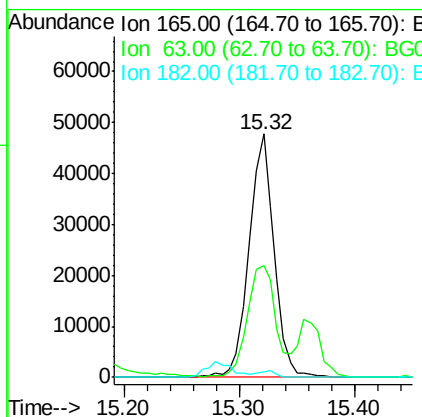
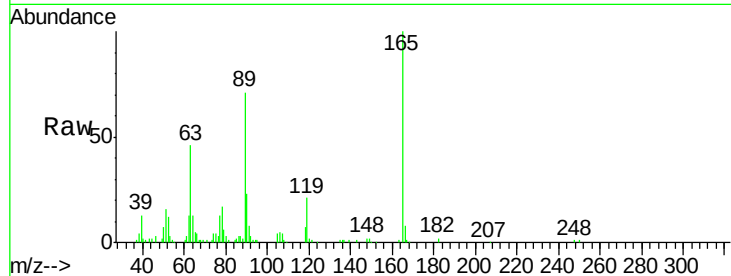




#54
 2,4-Dinitrotoluene
 Concen: 20.75 ng/ul
 RT: 15.32 min Scan# 1997
 Delta R.T. 0.01 min
 Lab File: BG028315.D
 Acq: 14 Aug 2017 11:23

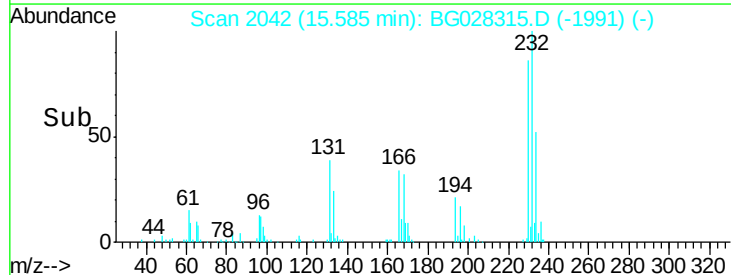
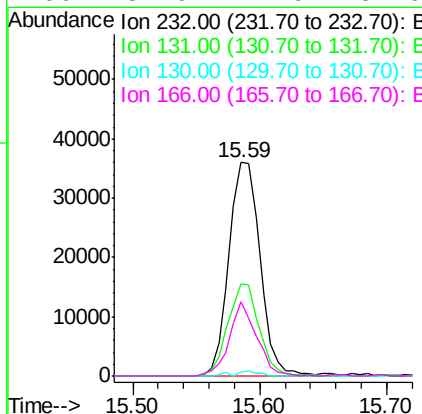
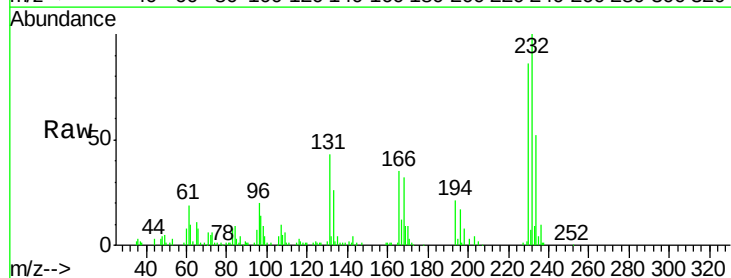
Instrument :
 BNA_G
 ClientSampleId :
 SSTD02067

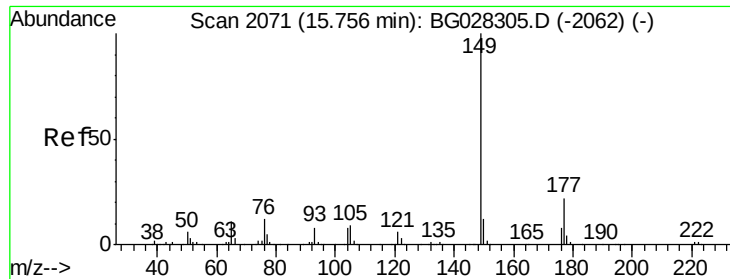
Tgt Ion:165 Resp: 71886
 Ion Ratio Lower Upper
 165 100
 63 45.7 46.8 70.2#
 182 2.4 1.8 2.6



#55
 2,3,4,6-Tetrachlorophenol
 Concen: 22.31 ng/ul
 RT: 15.59 min Scan# 2042
 Delta R.T. -0.00 min
 Lab File: BG028315.D
 Acq: 14 Aug 2017 11:23

Tgt Ion:232 Resp: 61509
 Ion Ratio Lower Upper
 232 100
 131 43.0 33.3 49.9
 130 1.8 1.8 2.6
 166 34.9 21.9 32.9#

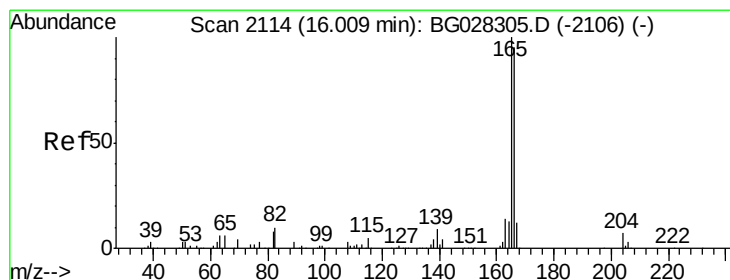
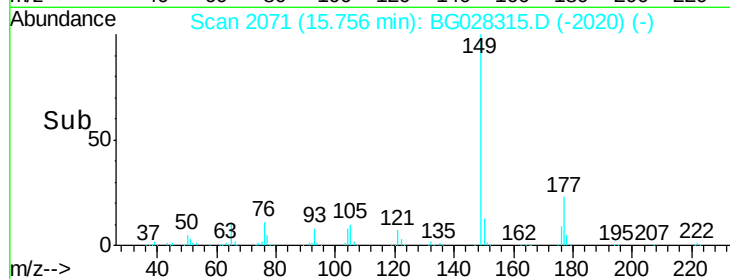
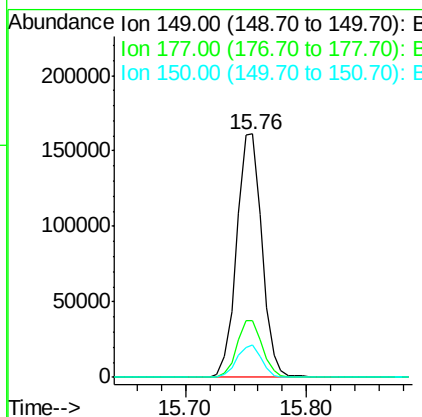
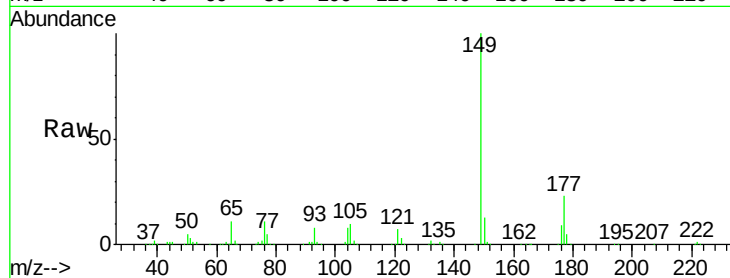




#56
Diethylphthalate
Concen: 18.16 ng/ul
RT: 15.76 min Scan# 2071
Delta R.T. -0.00 min
Lab File: BG028315.D
Acq: 14 Aug 2017 11:23

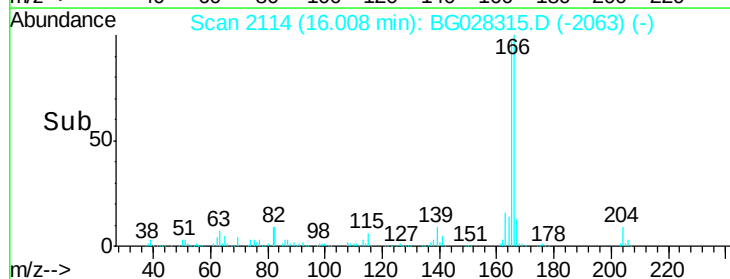
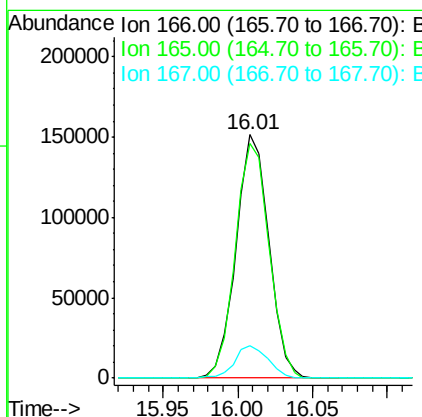
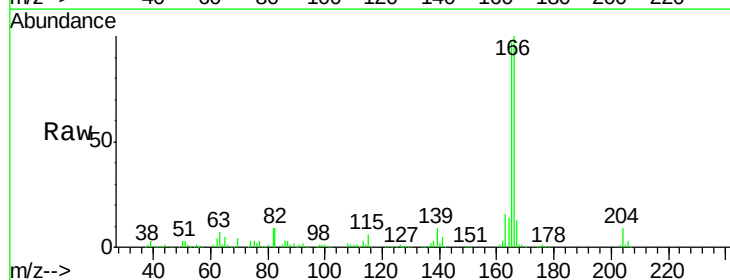
Instrument :
BNA_G
ClientSampleId :
SSTD02067

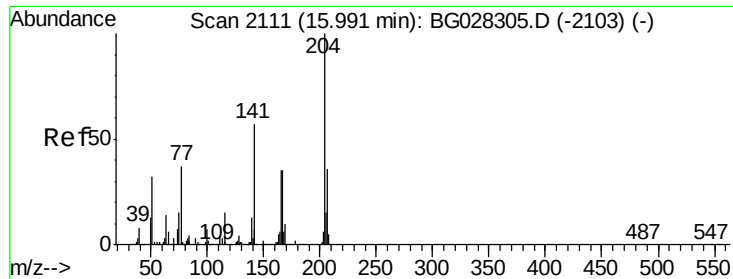
Tgt Ion:149 Resp: 235888
Ion Ratio Lower Upper
149 100
177 23.0 17.8 26.8
150 13.4 10.2 15.4



#58
Fluorene
Concen: 20.53 ng/ul
RT: 16.01 min Scan# 2114
Delta R.T. -0.00 min
Lab File: BG028315.D
Acq: 14 Aug 2017 11:23

Tgt Ion:166 Resp: 231644
Ion Ratio Lower Upper
166 100
165 96.6 79.7 119.5
167 13.3 11.4 17.2

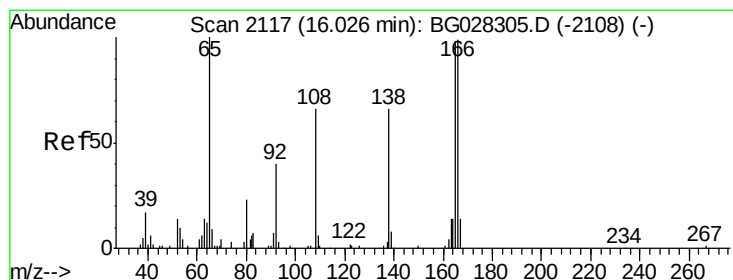
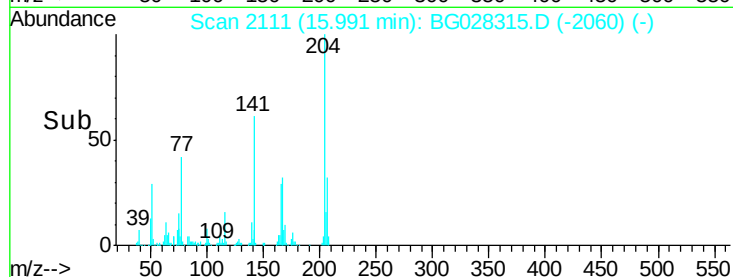
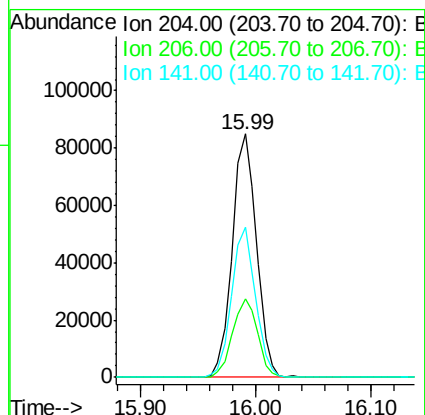
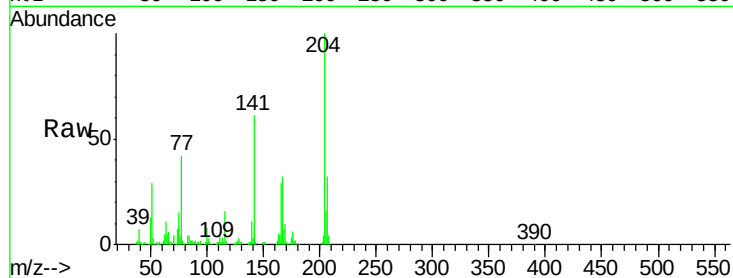




#59
 4-Chlorophenyl-phenylether
 Concen: 20.35 ng/ul
 RT: 15.99 min Scan# 2111
 Delta R.T. -0.00 min
 Lab File: BG028315.D
 Acq: 14 Aug 2017 11:23

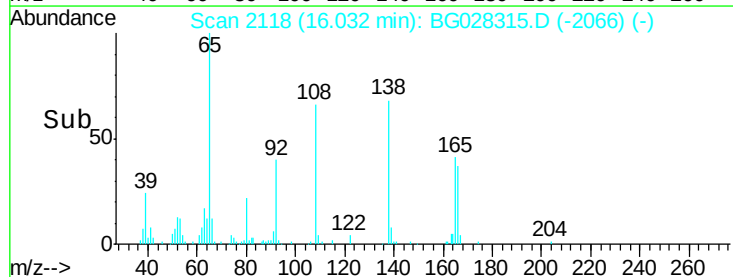
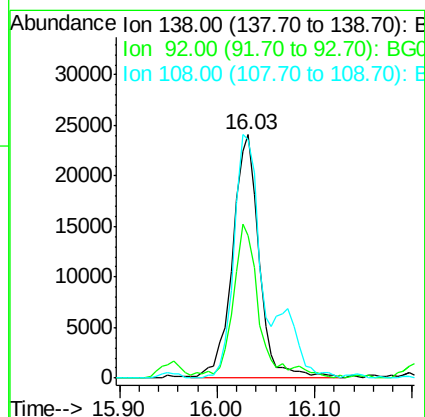
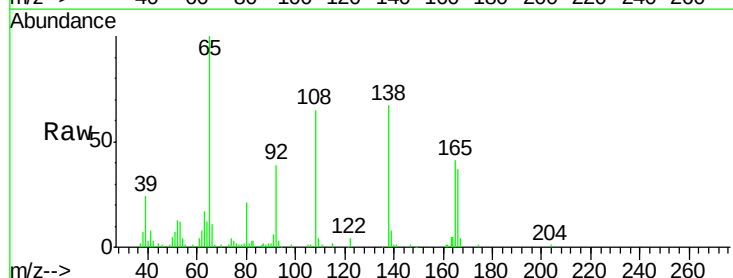
Instrument :
 BNA_G
 ClientSampleId :
 SSTD02067

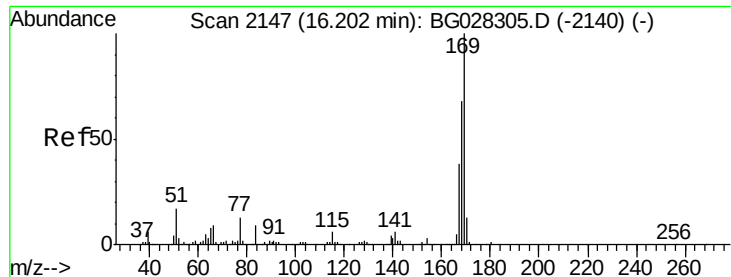
Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.1	32.3	48.5#
141	61.5	57.5	86.3



#60
 4-Nitroaniline
 Concen: 18.72 ng/ul
 RT: 16.03 min Scan# 2118
 Delta R.T. 0.01 min
 Lab File: BG028315.D
 Acq: 14 Aug 2017 11:23

Tgt Ion	Ratio	Lower	Upper
138	100		
92	58.4	56.9	85.3
108	97.8	104.9	157.3#





#64

N-Nitrosodiphenylamine

Concen: 22.05 ng/ul

RT: 16.21 min Scan# 2148

Delta R.T. 0.01 min

Lab File: BG028315.D

Acq: 14 Aug 2017 11:23

Instrument :

BNA_G

ClientSampleId :

SSTD02067

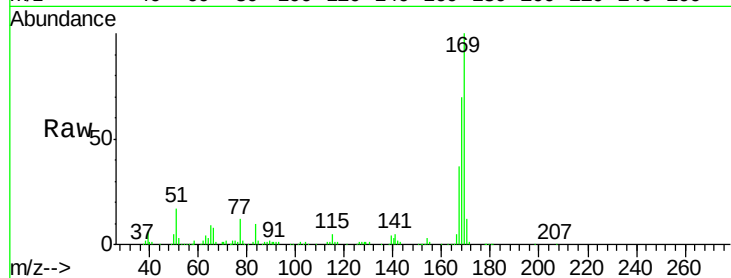
Tgt Ion:169 Resp: 188914

Ion Ratio Lower Upper

169 100

168 70.2 59.1 88.7

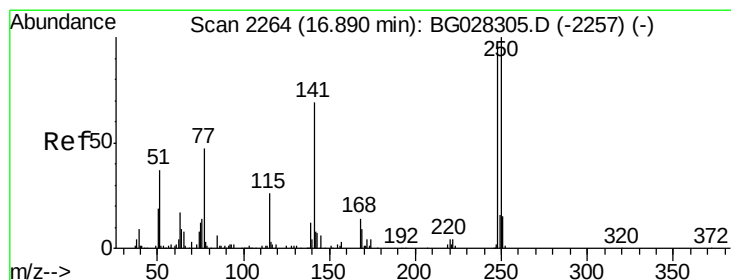
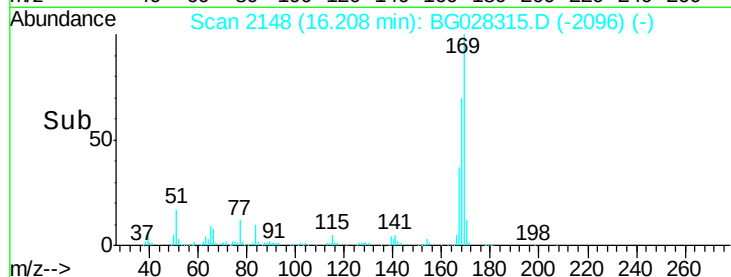
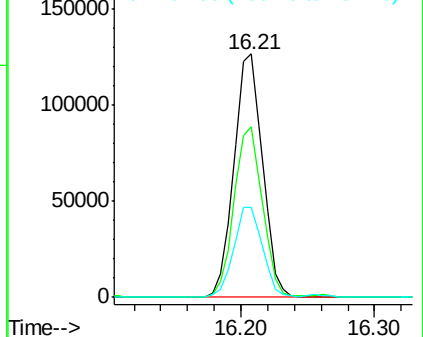
167 37.0 29.7 44.5



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



#65

4-Bromophenyl-phenylether

Concen: 23.01 ng/ul

RT: 16.89 min Scan# 2264

Delta R.T. -0.00 min

Lab File: BG028315.D

Acq: 14 Aug 2017 11:23

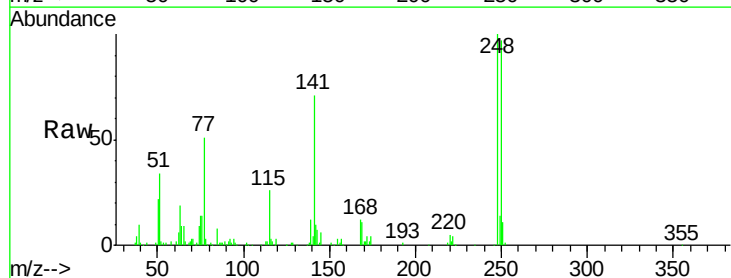
Tgt Ion:248 Resp: 80544

Ion Ratio Lower Upper

248 100

250 97.3 71.9 107.9

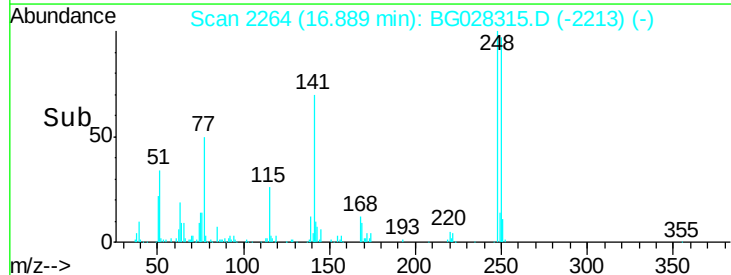
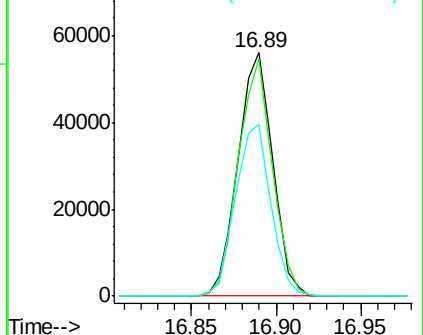
141 70.5 53.8 80.8

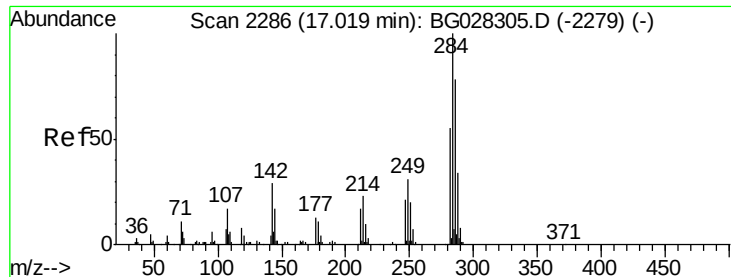


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#66

Hexachlorobenzene

Concen: 21.91 ng/ul

RT: 17.02 min Scan# 2286

Delta R.T. -0.00 min

Lab File: BG028315.D

Acq: 14 Aug 2017 11:23

Instrument :

BNA_G

ClientSampleId :

SSTD02067

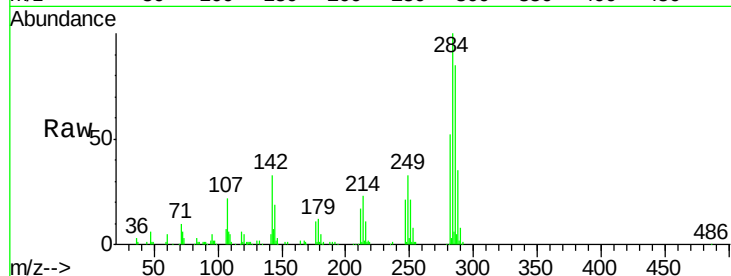
Tgt Ion:284 Resp: 81618

Ion Ratio Lower Upper

284 100

142 32.6 26.1 39.1

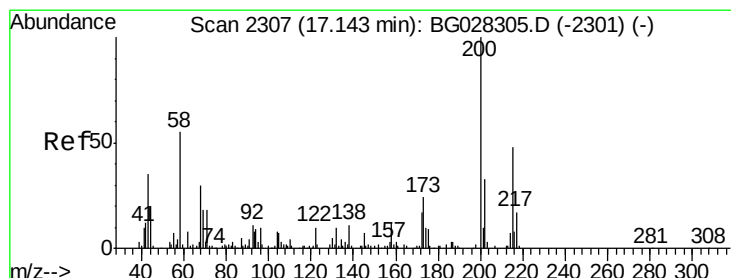
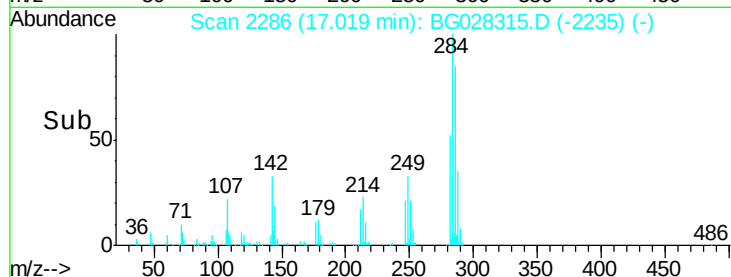
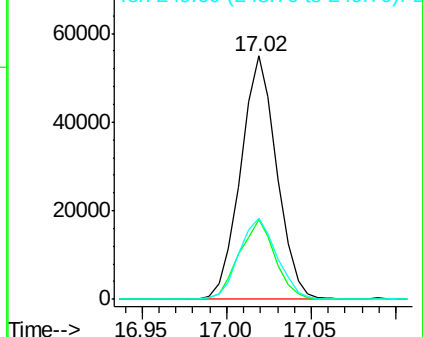
249 33.4 25.9 38.9



Abundance Ion 284.00 (283.70 to 284.70): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#67

Atrazine

Concen: 20.03 ng/ul

RT: 17.15 min Scan# 2308

Delta R.T. 0.01 min

Lab File: BG028315.D

Acq: 14 Aug 2017 11:23

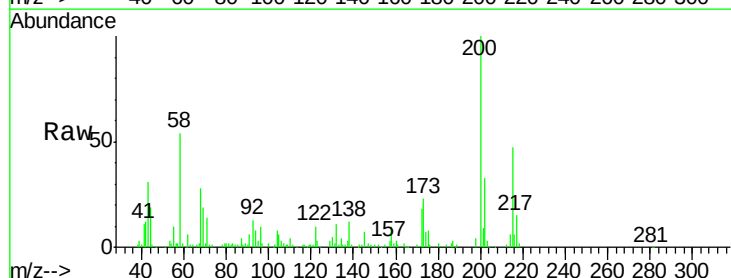
Tgt Ion:200 Resp: 74822

Ion Ratio Lower Upper

200 100

173 22.7 19.2 28.8

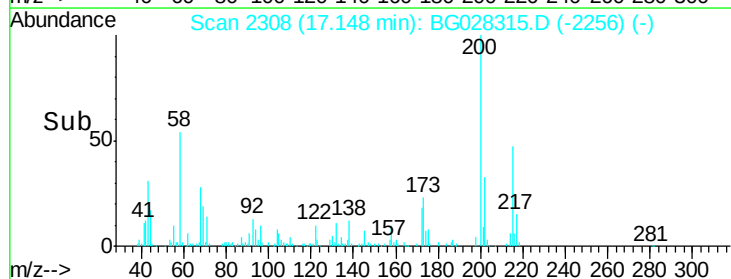
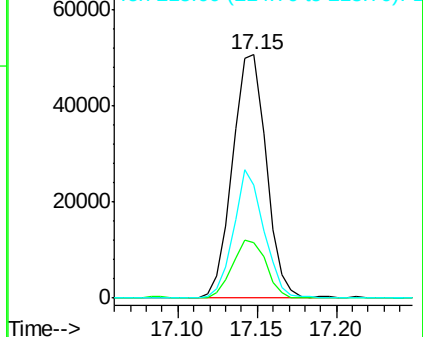
215 46.7 40.3 60.5

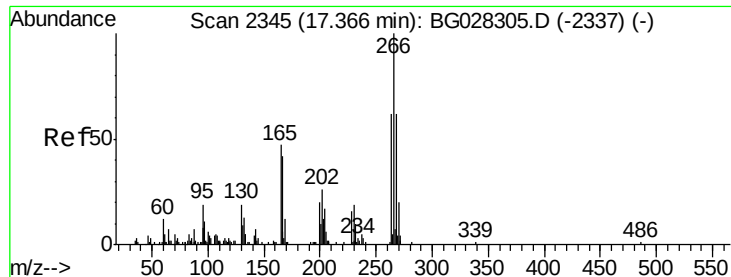


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

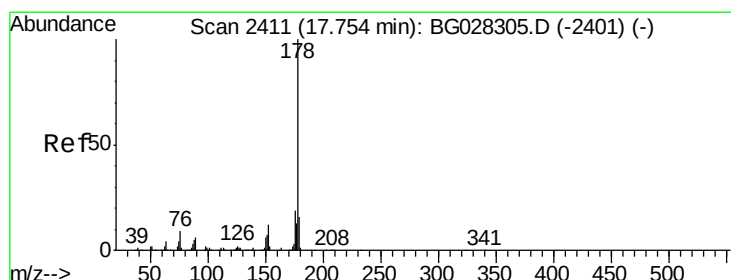
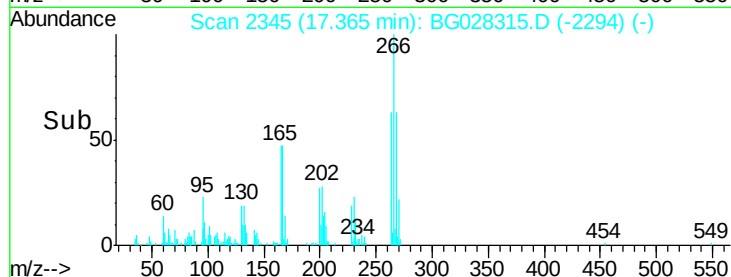
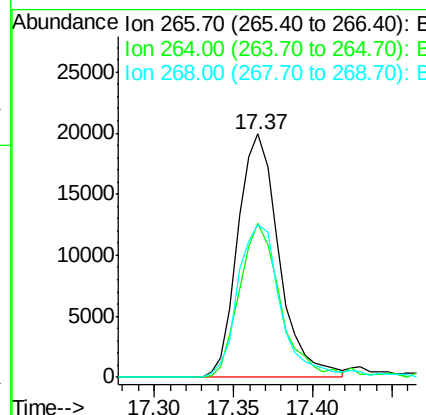
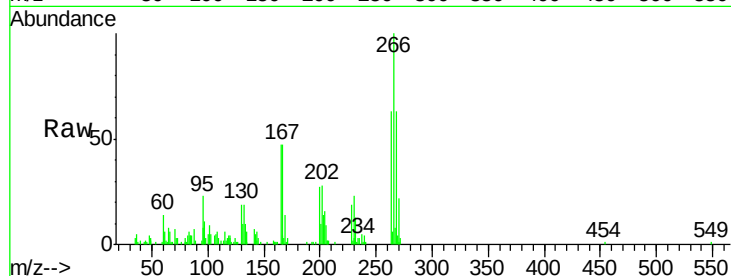




#68
 Pentachlorophenol
 Concen: 19.06 ng/ul
 RT: 17.37 min Scan# 2345
 Delta R.T. -0.00 min
 Lab File: BG028315.D
 Acq: 14 Aug 2017 11:23

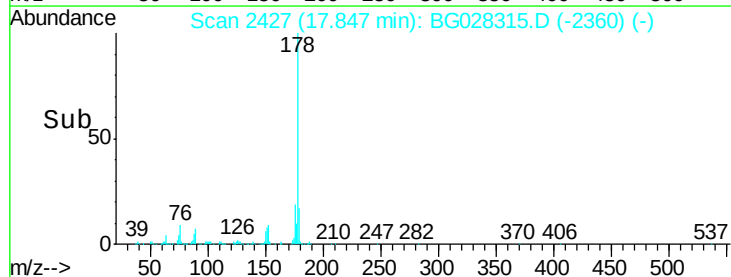
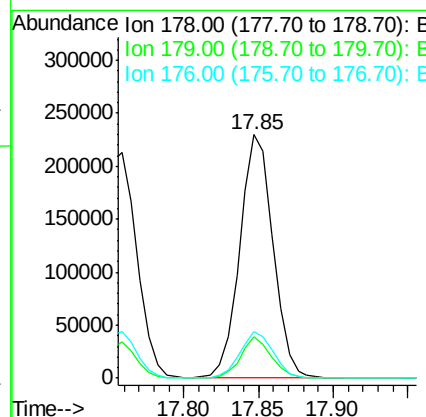
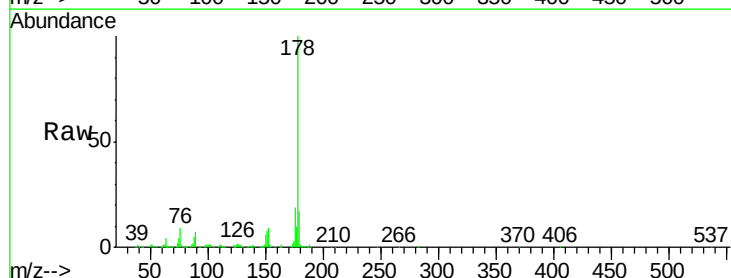
Instrument :
 BNA_G
 ClientSampleId :
 SSTD02067

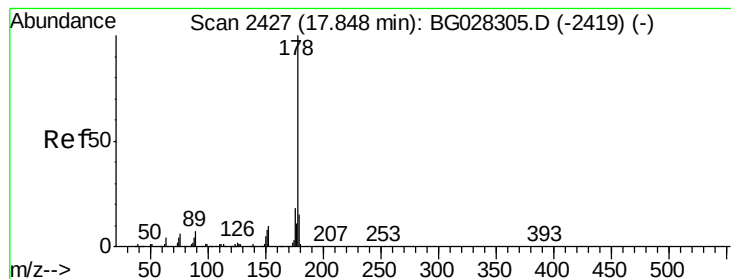
Tgt Ion	Ratio	Lower	Upper
266	100		
264	63.5	47.1	70.7
268	62.9	56.2	84.4



#69
 Phenanthrene
 Concen: 21.69 ng/ul
 RT: 17.85 min Scan# 2427
 Delta R.T. 0.09 min
 Lab File: BG028315.D
 Acq: 14 Aug 2017 11:23

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.9	12.4	18.6
176	19.2	16.5	24.7





#71

Anthracene

Concen: 21.23 ng/ul

RT: 17.85 min Scan# 2427

Delta R.T. -0.00 min

Lab File: BG028315.D

Acq: 14 Aug 2017 11:23

Instrument :

BNA_G

ClientSampleId :

SSTD02067

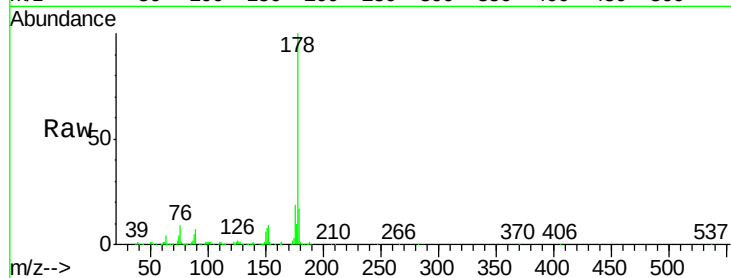
Tgt Ion:178 Resp: 355525

Ion Ratio Lower Upper

178 100

179 16.9 12.6 19.0

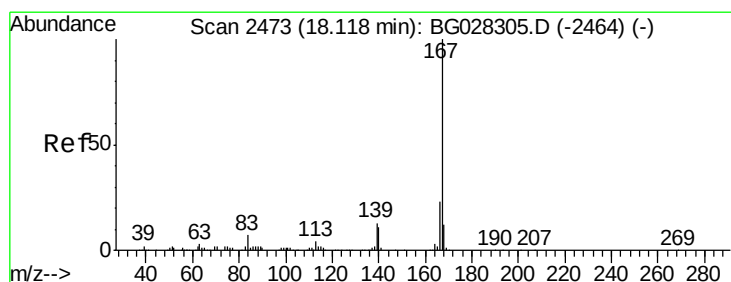
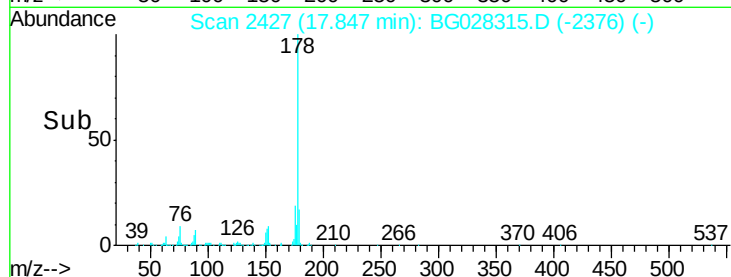
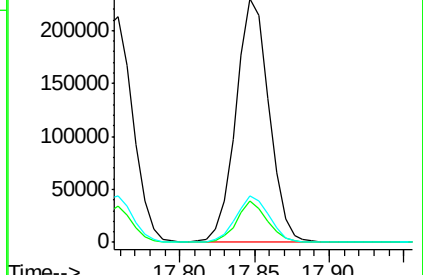
176 19.2 15.9 23.9



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: 20.76 ng/ul

RT: 18.12 min Scan# 2473

Delta R.T. -0.00 min

Lab File: BG028315.D

Acq: 14 Aug 2017 11:23

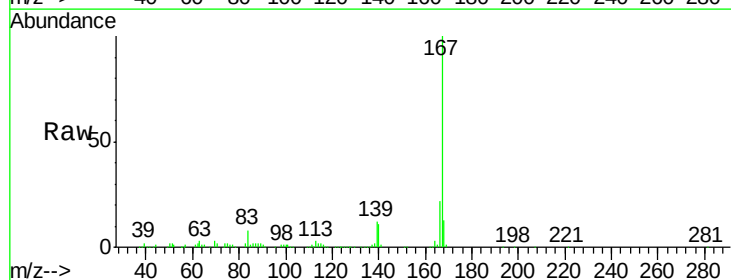
Tgt Ion:167 Resp: 302402

Ion Ratio Lower Upper

167 100

166 22.4 17.9 26.9

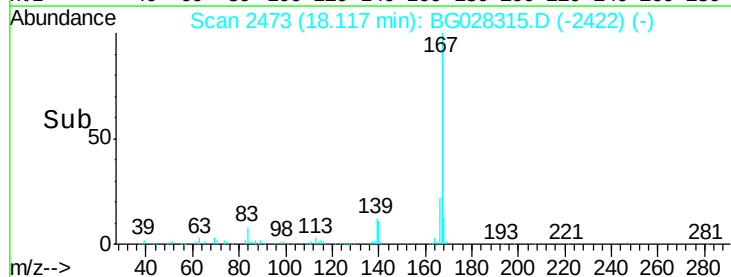
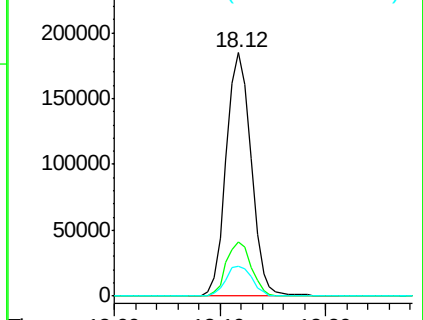
139 12.3 10.5 15.7

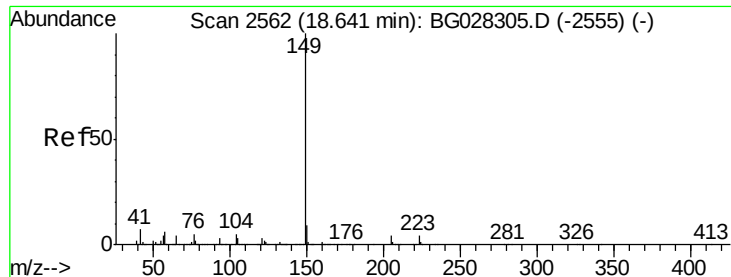


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 19.72 ng/ul

RT: 18.64 min Scan# 2562

Delta R.T. -0.00 min

Lab File: BG028315.D

Acq: 14 Aug 2017 11:23

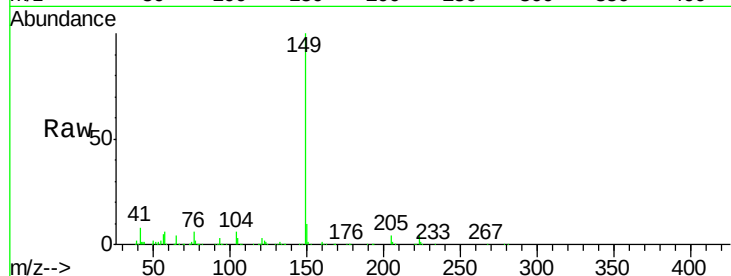
Instrument :

BNA_G

ClientSampleId :

SSTD02067

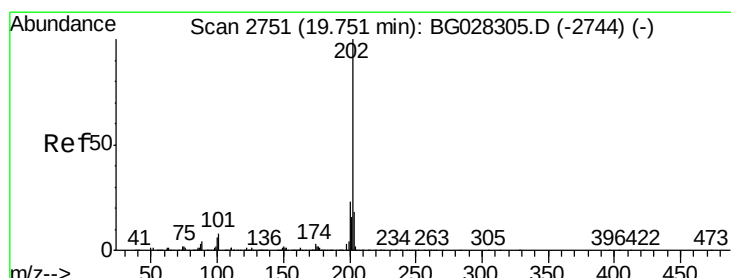
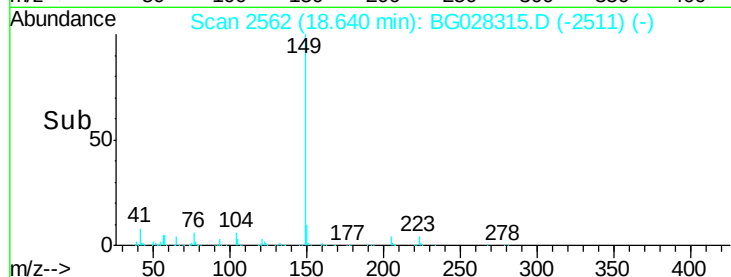
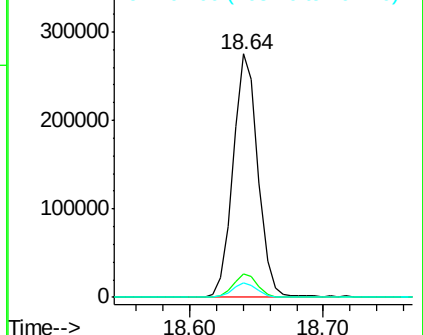
Tgt Ion:	149	Resp:	357560
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.9	11.9
104	5.8	5.8	8.8#



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: 20.31 ng/ul

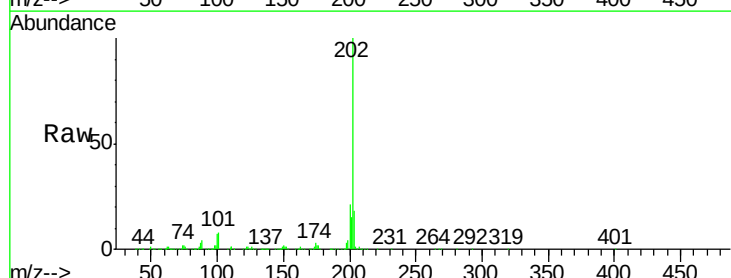
RT: 19.76 min Scan# 2752

Delta R.T. 0.01 min

Lab File: BG028315.D

Acq: 14 Aug 2017 11:23

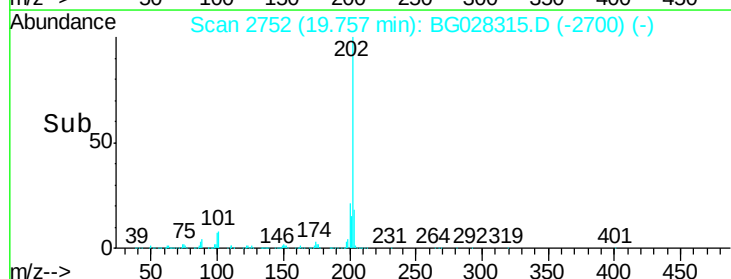
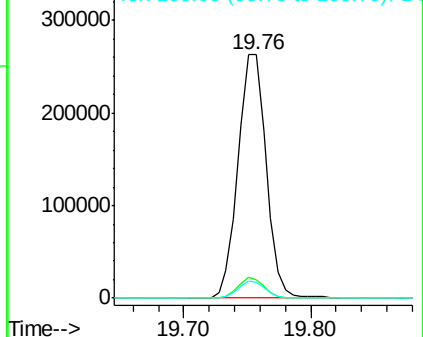
Tgt Ion:	202	Resp:	404539
Ion Ratio	Lower	Upper	
202	100		
101	7.8	6.2	9.2
100	6.6	5.2	7.8

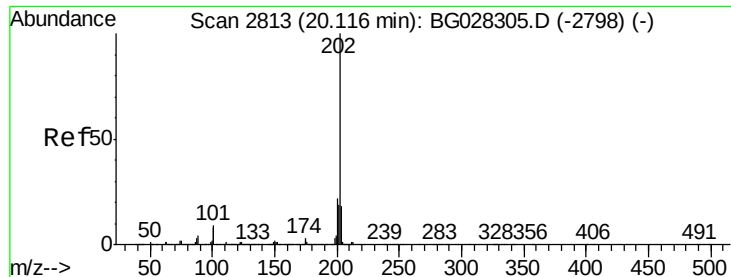


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#77

Pyrene

Concen: 20.12 ng/ul

RT: 20.12 min Scan# 2813

Delta R.T. -0.00 min

Lab File: BG028315.D

Acq: 14 Aug 2017 11:23

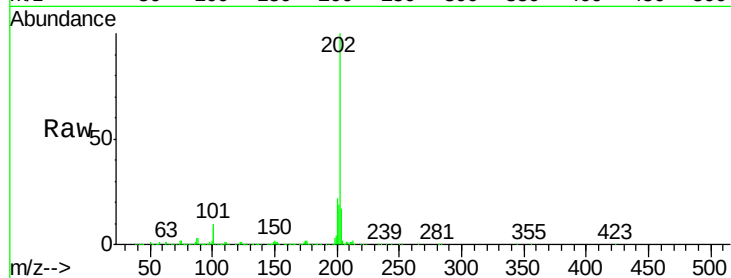
Instrument :

BNA_G

ClientSampleId :

SSTD02067

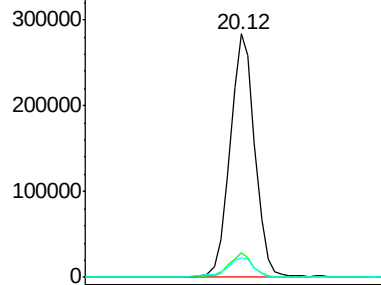
Tgt Ion:	202	Resp:	424025
Ion Ratio	Lower	Upper	
202	100		
101	10.0	6.9	10.3
100	8.0	6.6	10.0



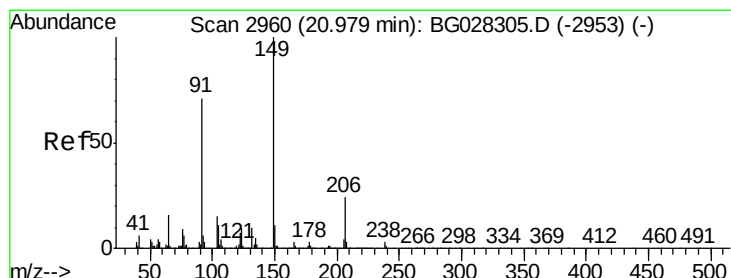
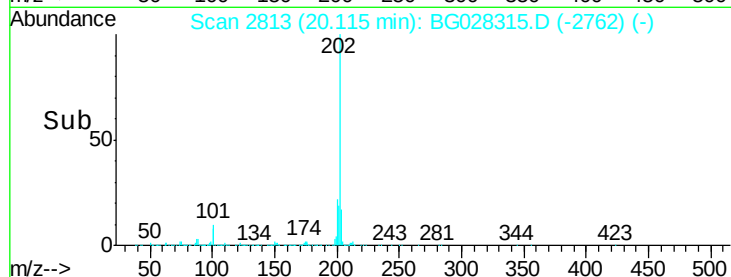
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time-->



#78

Butylbenzylphthalate

Concen: 20.05 ng/ul

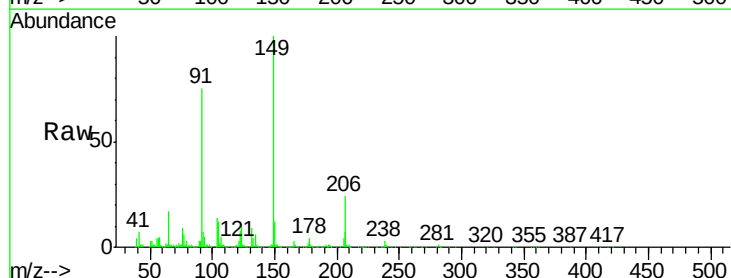
RT: 20.98 min Scan# 2960

Delta R.T. -0.00 min

Lab File: BG028315.D

Acq: 14 Aug 2017 11:23

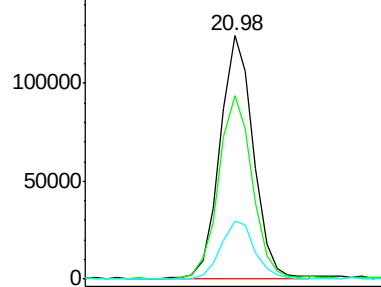
Tgt Ion:	149	Resp:	158252
Ion Ratio	Lower	Upper	
149	100		
91	75.1	65.8	98.6
206	23.6	20.1	30.1



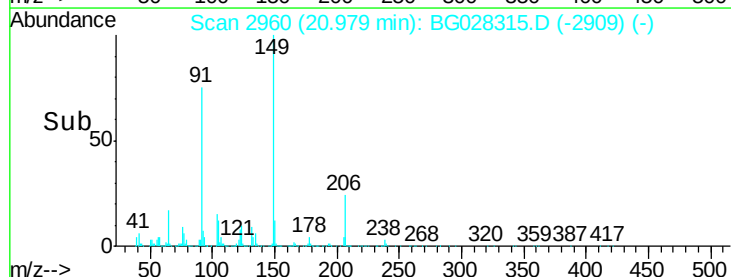
Abundance Ion 149.00 (148.70 to 149.70): E

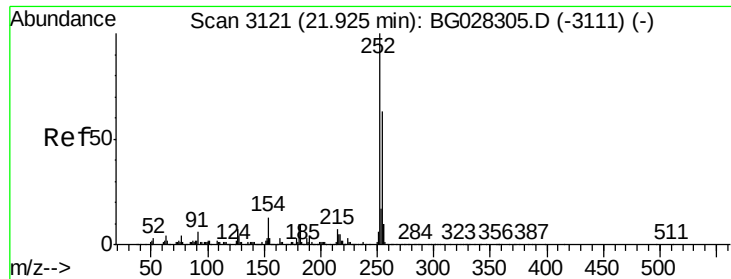
Ion 91.00 (90.70 to 91.70): B

Ion 206.00 (205.70 to 206.70): E



Time-->

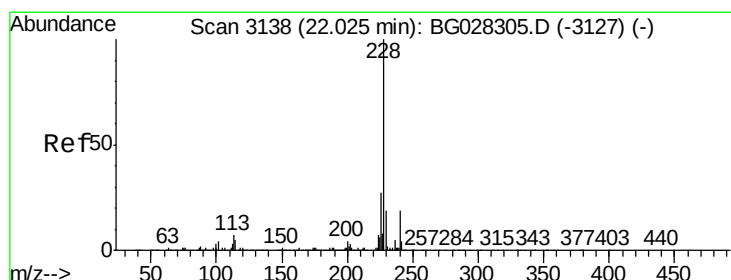
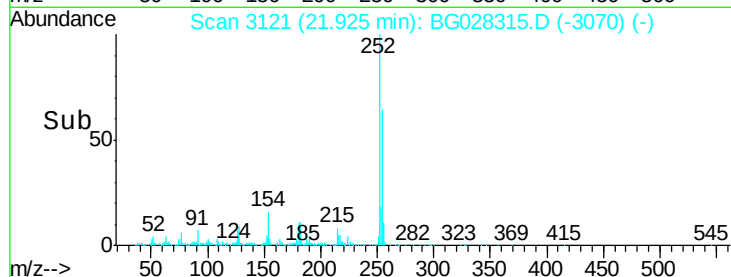
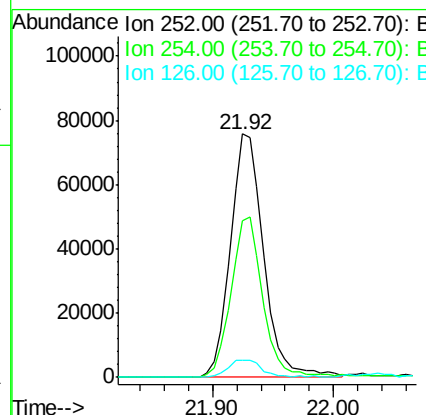
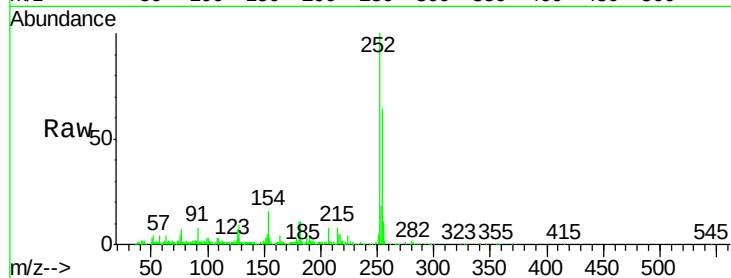




#79
 3,3'-Dichlorobenzidine
 Concen: 21.18 ng/ul
 RT: 21.92 min Scan# 3121
 Delta R.T. -0.00 min
 Lab File: BG028315.D
 Acq: 14 Aug 2017 11:23

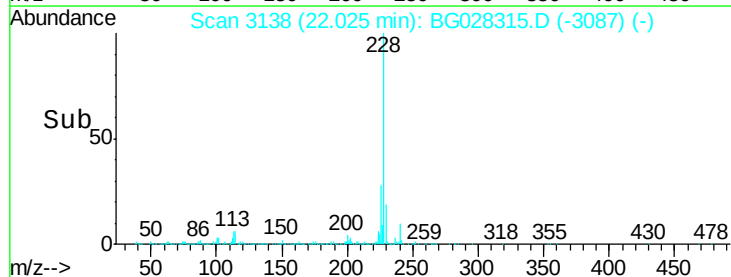
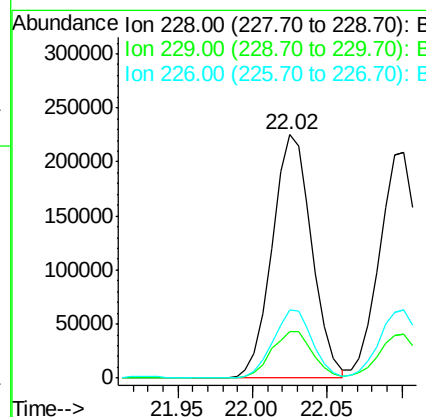
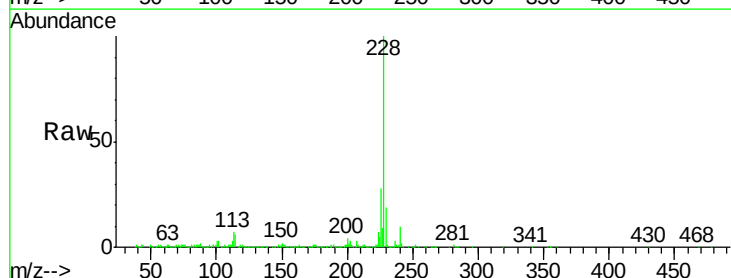
Instrument :
 BNA_G
 ClientSampleId :
 SST02067

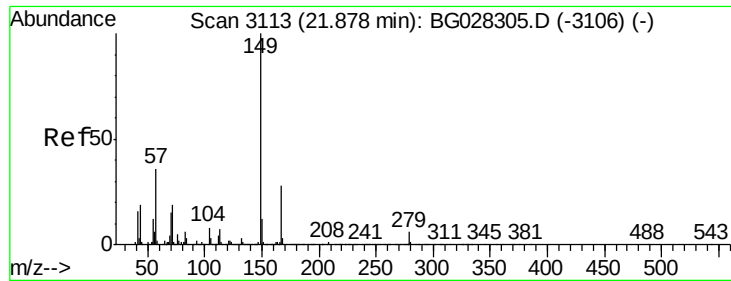
Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.3	49.0	73.6
126	7.1	5.1	7.7



#80
 Benzo(a)anthracene
 Concen: 20.36 ng/ul
 RT: 22.02 min Scan# 3138
 Delta R.T. -0.00 min
 Lab File: BG028315.D
 Acq: 14 Aug 2017 11:23

Tgt Ion	Ratio	Lower	Upper
228	100		
229	18.9	16.3	24.5
226	28.2	21.9	32.9

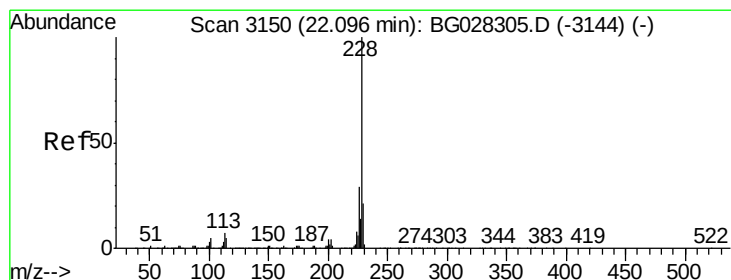
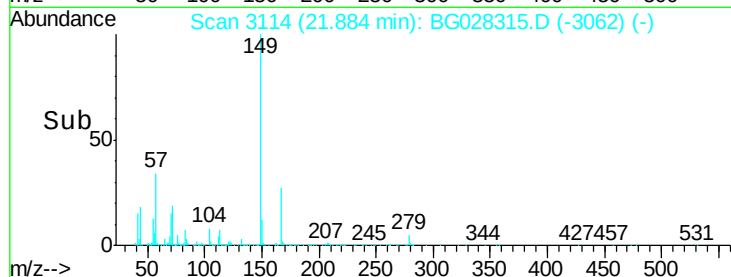
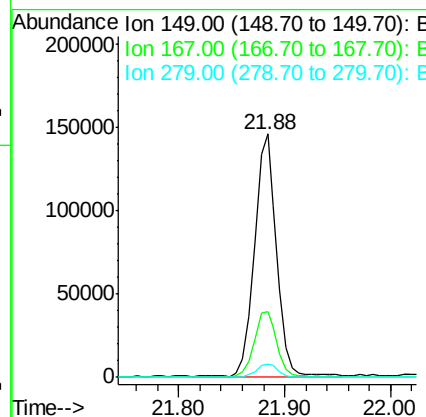
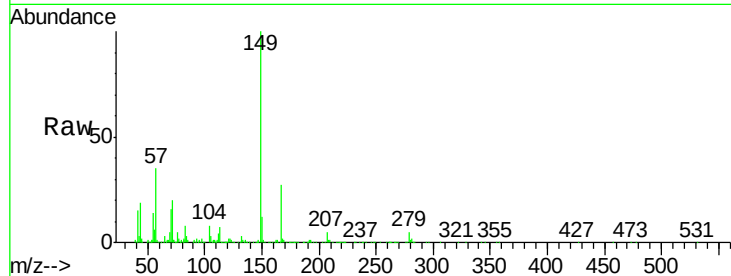




#81
 Bis(2-ethylhexyl)phthalate
 Concen: 18.86 ng/ul
 RT: 21.88 min Scan# 3114
 Delta R.T. 0.01 min
 Lab File: BG028315.D
 Acq: 14 Aug 2017 11:23

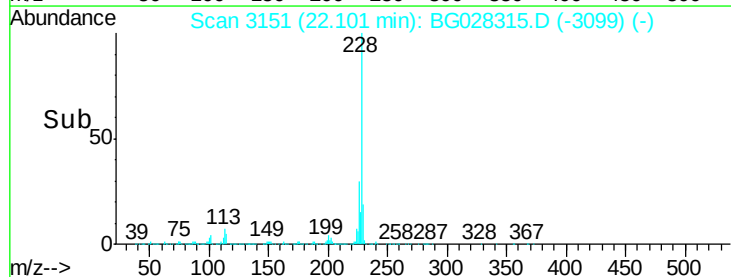
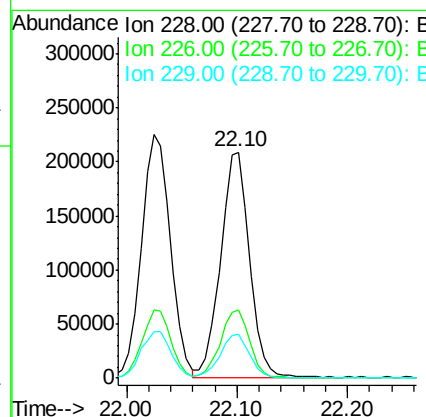
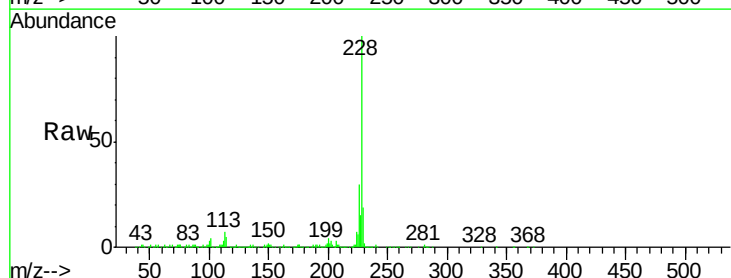
Instrument :
 BNA_G
 ClientSampleId :
 SST02067

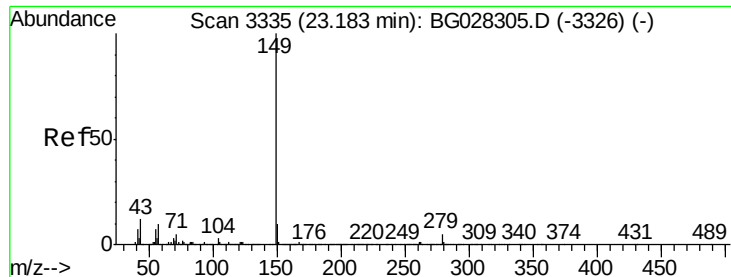
Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.8	32.8
279	5.4	4.5	6.7



#82
 Chrysene
 Concen: 20.63 ng/ul
 RT: 22.10 min Scan# 3151
 Delta R.T. 0.01 min
 Lab File: BG028315.D
 Acq: 14 Aug 2017 11:23

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.0	36.0
229	19.4	16.9	25.3





#84

Di-n-octyl phthalate

Concen: 19.60 ng/ul

RT: 23.19 min Scan# 3336

Delta R.T. 0.01 min

Lab File: BG028315.D

Acq: 14 Aug 2017 11:23

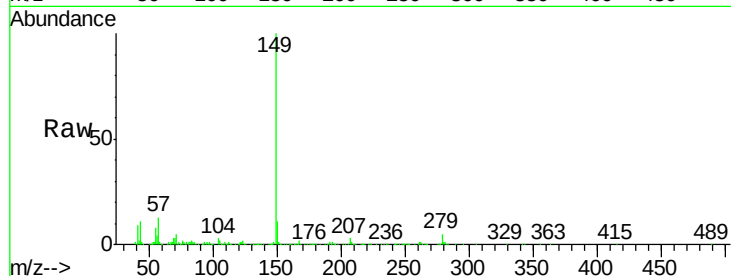
Instrument :

BNA_G

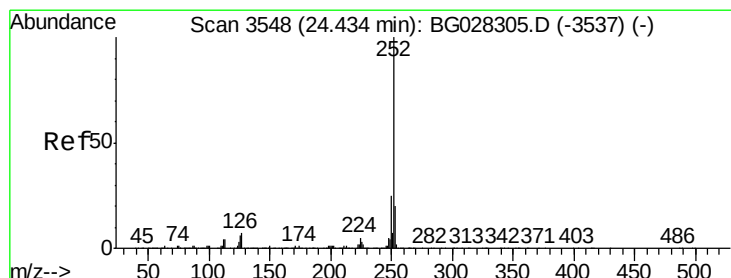
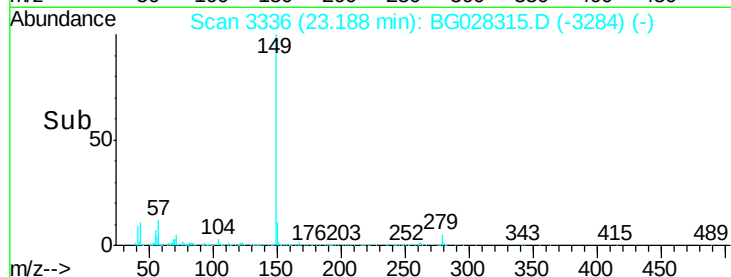
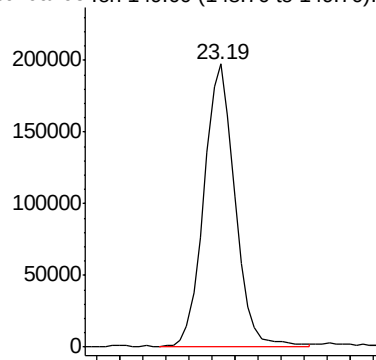
ClientSampleId :

SSTD02067

Tgt Ion:149 Resp: 365193



Abundance Ion 149.00 (148.70 to 149.70): E



#85

Benzo(b)fluoranthene

Concen: 20.86 ng/ul

RT: 24.43 min Scan# 3548

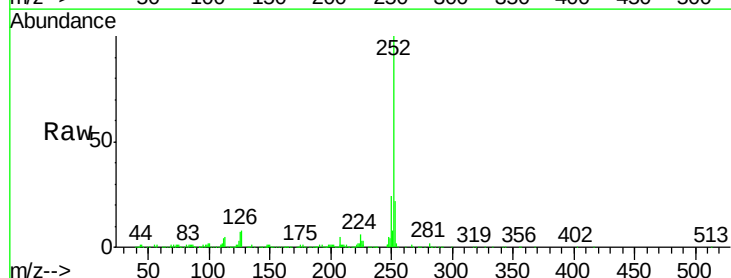
Delta R.T. -0.00 min

Lab File: BG028315.D

Acq: 14 Aug 2017 11:23

Tgt Ion:252 Resp: 388074

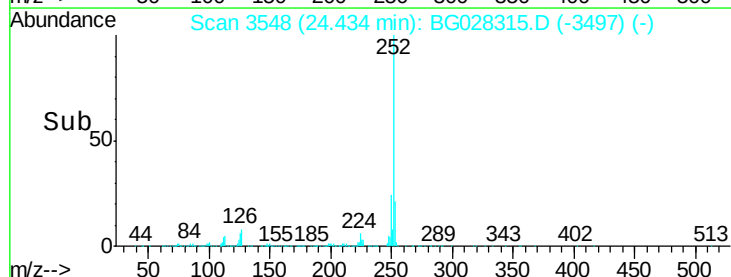
Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.7	26.5
125	6.6	4.0	6.0



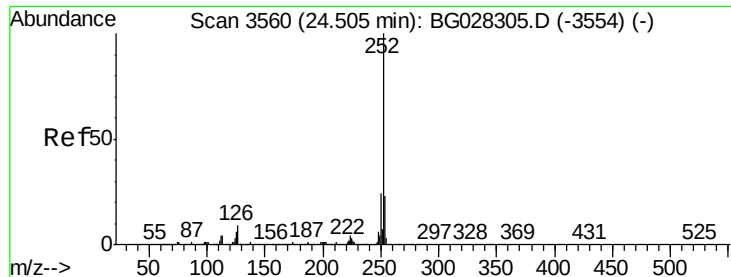
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



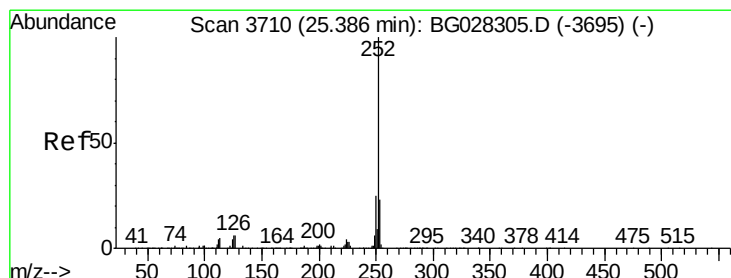
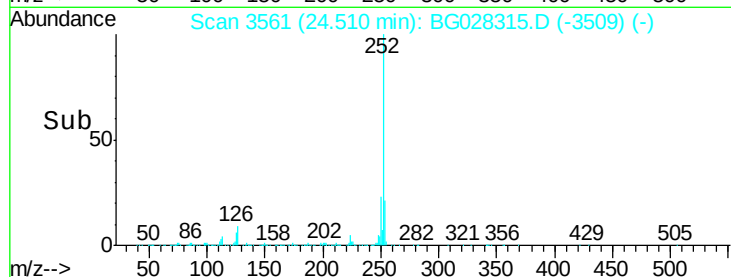
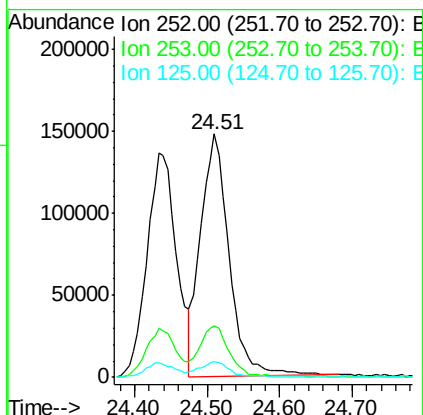
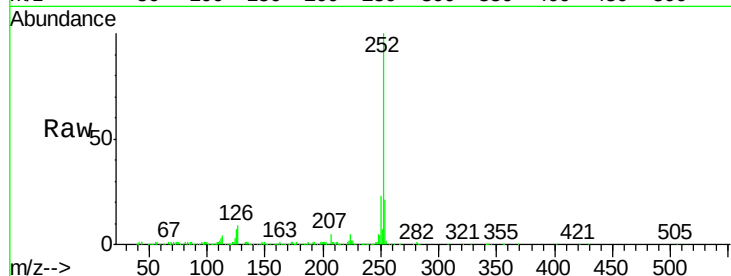
Time-->



#86
Benzo(k)fluoranthene
Concen: 22.06 ng/ul
RT: 24.51 min Scan# 3561
Delta R.T. 0.01 min
Lab File: BG028315.D
Acq: 14 Aug 2017 11:23

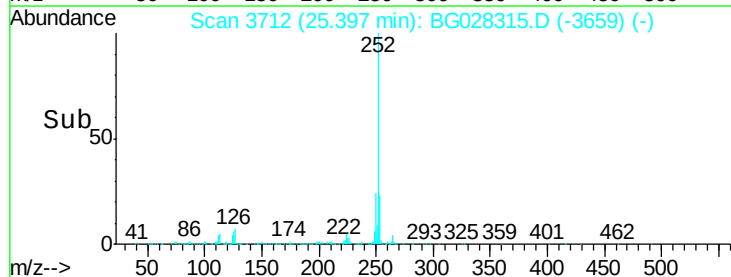
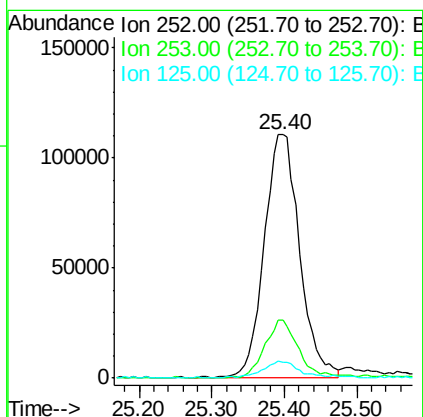
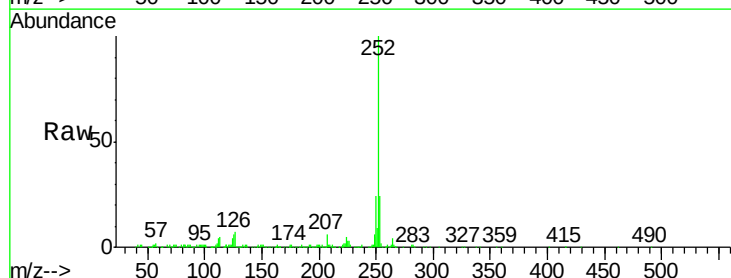
Instrument :
BNA_G
ClientSampleId :
SSTD02067

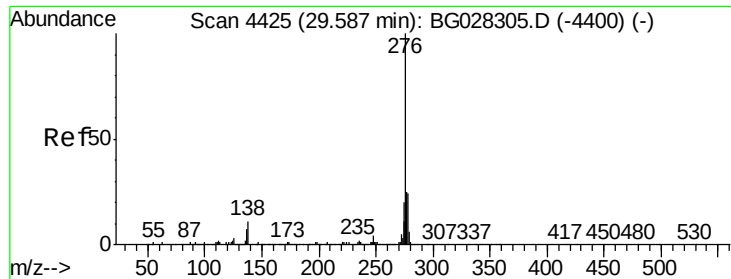
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.0	18.5	27.7
125	6.7	4.1	6.1#



#88
Benzo(a)pyrene
Concen: 20.78 ng/ul
RT: 25.40 min Scan# 3712
Delta R.T. 0.01 min
Lab File: BG028315.D
Acq: 14 Aug 2017 11:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.8	26.6
125	6.3	5.4	8.0





#89

Indeno(1,2,3-cd)pyrene

Concen: 7.13 ng/ul

RT: 29.59 min Scan# 4426

Delta R.T. 0.01 min

Lab File: BG028315.D

Acq: 14 Aug 2017 11:23

Instrument :

BNA_G

ClientSampleId :

SSTD02067

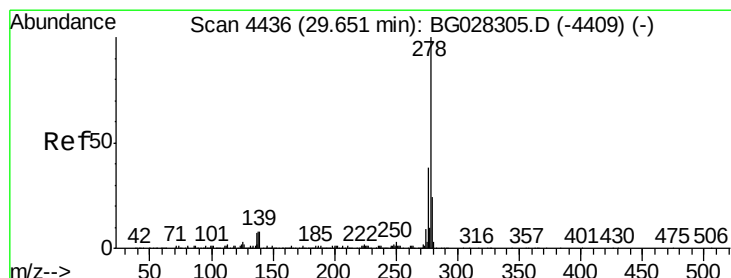
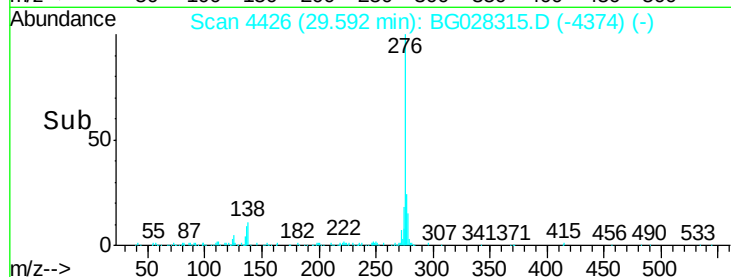
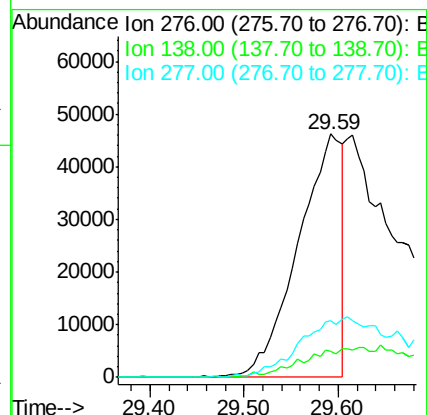
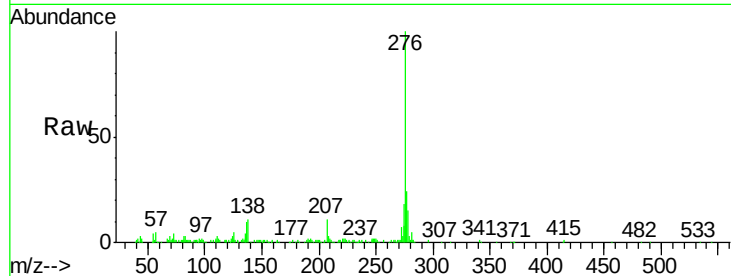
Tgt Ion:276 Resp: 150419

Ion Ratio Lower Upper

276 100

138 10.6 8.2 12.4

277 23.5 18.6 28.0



#90

Dibenzo(a,h)anthracene

Concen: 15.63 ng/ul

RT: 29.66 min Scan# 4438

Delta R.T. 0.01 min

Lab File: BG028315.D

Acq: 14 Aug 2017 11:23

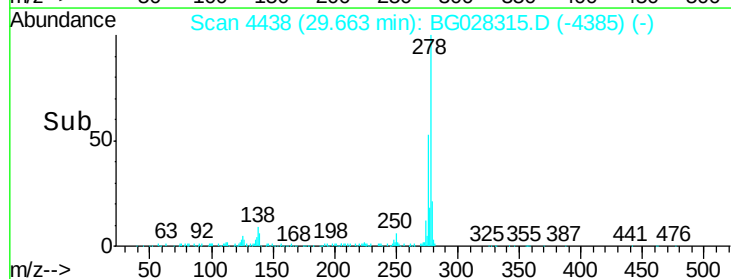
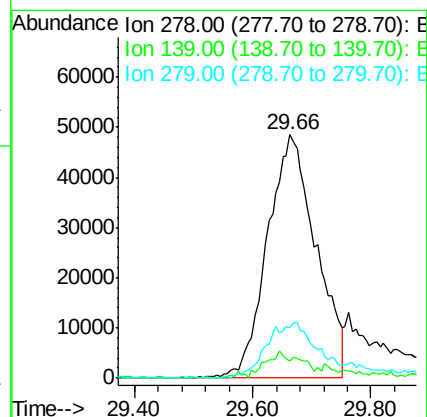
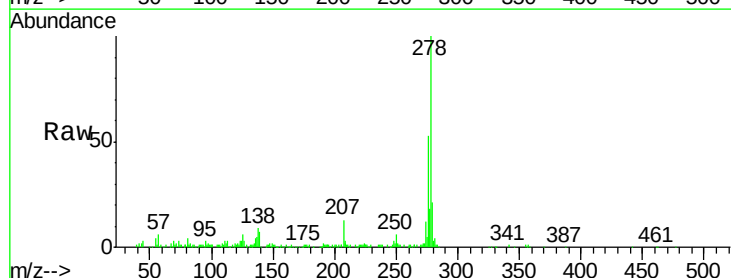
Tgt Ion:278 Resp: 276334

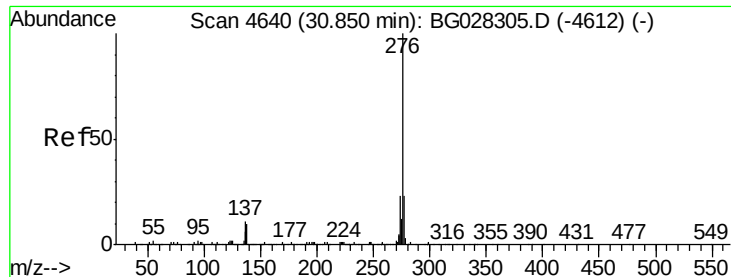
Ion Ratio Lower Upper

278 100

139 6.9 6.7 10.1

279 20.6 20.9 31.3#





#91

Benzo(g,h,i)perylene

Concen: 16.07 ng/ul

RT: 30.87 min Scan# 4643

Delta R.T. 0.02 min

Lab File: BG028315.D

Acq: 14 Aug 2017 11:23

Instrument :

BNA_G

ClientSampleId :

SSTD02067

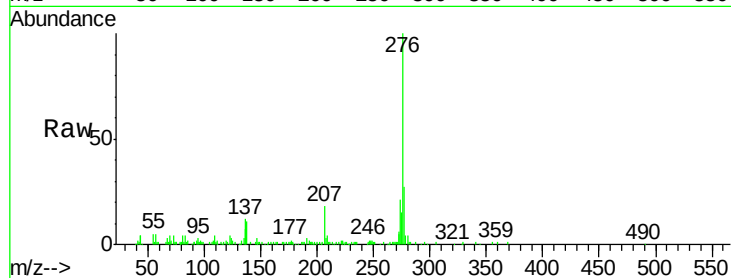
Tgt Ion: 276 Resp: 278820

Ion Ratio Lower Upper

276 100

138 10.9 8.6 12.8

277 26.9 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

