

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012818\
 Data File : BG032385.D
 Acq On : 28 Jan 2018 12:46
 Operator : SJ/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02084

Manual Integrations
 APPROVED

Sohil
 1/29/2018 5:49:53 PM

Quant Time: Jan 29 04:56:45 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG012218.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 23 04:46:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	28981	20.00	ng/ul	0.00
18) Naphthalene-d8	11.60	136	110959	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.36	164	82227	20.00	ng/ul	0.00
61) Phenanthrene-d10	18.09	188	235961	20.00	ng/ul	0.00
77) Chrysene-d12	22.41	240	314594	20.00	ng/ul	-0.02
85) Perylene-d12	26.10	264	337214	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.78	96	3708m	7.74	ng/uL	0.00
5) Phenol-d5	7.83	99	34884	17.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	8.01	67	17218	18.33	ng/ul	0.00
9) 2-Chlorophenol-d4	8.23	132	34478	18.56	ng/ul	0.00
13) 4-Methylphenol-d8	9.42	113	32971	18.23	ng/ul	0.00
19) Nitrobenzene-d5	9.92	128	15295	18.91	ng/ul	0.00
22) 2-Nitrophenol-d4	10.65	143	20202	20.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.20	165	42625	20.03	ng/ul	0.00
29) 4-Chloroaniline-d4	11.73	131	39451	26.59	ng/ul	0.00
43) Dimethylphthalate-d6	14.74	166	142136	20.70	ng/ul	0.00
46) Acenaphthylene-d8	15.05	160	165784	19.70	ng/ul	0.00
51) 4-Nitrophenol-d4	15.51	143	22796	24.92	ng/ul	0.00
57) Fluorene-d10	16.34	176	133953	20.95	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.43	200	33026	22.68	ng/ul	0.00
70) Anthracene-d10	18.18	188	224295	19.77	ng/ul	0.00
78) Pyrene-d10	20.42	212	296089	20.28	ng/ul	0.00
89) Benzo(a)pyrene-d12	25.83	264	300390	19.27	ng/ul	-0.03

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.82	88	3618	6.653	ng/uL# 71
4) Benzaldehyde	7.83	77	22511	22.711	ng/ul# 78
6) Phenol	7.86	94	34772	17.816	ng/ul# 85
8) Bis(2-Chloroethyl)ether	8.11	93	24628	17.946	ng/ul 92
10) 2-Chlorophenol	8.27	128	34002	19.372	ng/ul 90
11) 2-Methylphenol	9.16	108	27420	17.652	ng/ul 94
12) 2,2'-oxybis(1-Chloropropan	9.26	45	23366	17.099	ng/ul# 90
14) Acetophenone	9.56	105	47731	18.843	ng/ul 91
15) N-Nitroso-di-n-propylamine	9.53	70	20611	17.433	ng/ul 96
16) 4-Methylphenol	9.49	108	30229	17.778	ng/ul 96
17) Hexachloroethane	9.85	117	13191	19.038	ng/ul# 71
20) Nitrobenzene	9.96	77	32413	19.914	ng/ul# 81
21) Isophorone	10.48	82	58210	19.857	ng/ul# 86
23) 2-Nitrophenol	10.69	139	20374	20.492	ng/ul# 89
24) 2,4-Dimethylphenol	10.72	107	40207	20.183	ng/ul 97
25) Bis(2-Chloroethoxy)methane	10.96	93	33485	18.011	ng/ul# 90
27) 2,4-Dichlorophenol	11.23	162	39278	19.609	ng/ul 94
28) Naphthalene	11.66	128	102514	20.252	ng/ul 98
30) 4-Chloroaniline	11.74	127	37799	26.263	ng/ul 98
31) Hexachlorobutadiene	11.92	225	38426	21.223	ng/ul 97
32) Caprolactam	12.47	113	11713	22.611	ng/ul# 63
33) 4-Chloro-3-methylphenol	12.82	107	36211	19.976	ng/ul 87
34) 2-Methylnaphthalene	13.22	142	86942	20.195	ng/ul 100

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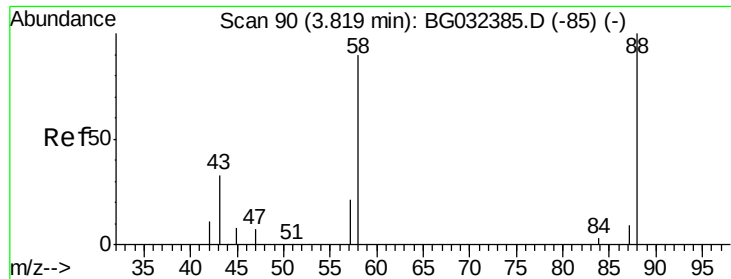
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.57	216	71210	19.423	ng/ul	98
37) Hexachlorocyclopentadiene	13.54	237	35932	22.715	ng/ul	94
38) 2,4,6-Trichlorophenol	13.80	196	40586	19.162	ng/ul	97
39) 2,4,5-Trichlorophenol	13.87	196	43998	20.125	ng/ul	94
40) 1,1'-Biphenyl	14.19	154	125719	19.373	ng/ul#	94
41) 2-Chloronaphthalene	14.25	162	99161	19.058	ng/ul	97
42) 2-Nitroaniline	14.44	65	22407	21.564	ng/ul#	86
44) Dimethylphthalate	14.78	163	140311	21.294	ng/ul	97
45) 2,6-Dinitrotoluene	14.91	165	29305	21.784	ng/ul#	86
47) Acenaphthylene	15.08	152	148284	20.205	ng/ul	98
48) 3-Nitroaniline	15.25	138	24602	25.052	ng/ul	88
49) Acenaphthene	15.42	153	107883	20.141	ng/ul	96
50) 2,4-Dinitrophenol	15.45	184	16688	24.000	ng/ul#	76
52) 4-Nitrophenol	15.52	109	23119	27.405	ng/ul	85
53) Dibenzofuran	15.75	168	164312	20.366	ng/ul	97
54) 2,4-Dinitrotoluene	15.69	165	46534	23.923	ng/ul	90
55) 2,3,4,6-Tetrachlorophenol	15.96	232	48132	23.009	ng/ul#	94
56) Diethylphthalate	16.13	149	139907	22.435	ng/ul	95
58) Fluorene	16.39	166	134640	21.050	ng/ul	94
59) 4-Chlorophenyl-phenylether	16.37	204	84078	20.822	ng/ul	96
60) 4-Nitroaniline	16.39	138	28237	24.943	ng/ul	85
63) 4,6-Dinitro-2-methylphenol	16.45	198	33600	22.143	ng/ul#	87
64) N-Nitrosodiphenylamine	16.58	169	126896	18.914	ng/ul	98
65) 4-Bromophenyl-phenylether	17.26	248	62790	18.480	ng/ul	94
66) Hexachlorobenzene	17.39	284	67913	19.245	ng/ul	96
67) Atrazine	17.50	200	63409	21.020	ng/ul	91
68) Pentachlorophenol	17.73	266	36089	20.506	ng/ul	95
69) Phenanthrene	18.13	178	246230	19.829	ng/ul	97
71) Anthracene	18.23	178	253775	19.917	ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	14.17	216	73124	16.272	ng/ul	94
73) Pentachlorobenzene	15.67	250	81761	17.307	ng/ul	96
74) Carbazole	18.48	167	212370	21.507	ng/ul	99
75) Di-n-butylphthalate	18.99	149	245924	21.121	ng/ul	99
76) Fluoranthene	20.09	202	347275	22.674	ng/ul#	91
79) Pvrene	20.45	202	353538	19.907	ng/ul#	90
80) Butylbenzylphthalate	21.31	149	108904	18.825	ng/ul#	84
81) 3,3'-Dichlorobenzidine	22.29	252	115810	23.025	ng/ul#	97
82) Benzo(a)anthracene	22.40	228	379307	19.946	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	22.23	149	155838	18.982	ng/ul#	99
84) Chrysene	22.47	228	345451	20.014	ng/ul	99
86) Di-n-octyl phthalate	23.61	149	263427	18.731	ng/ul	100
87) Benzo(b)fluoranthene	24.91	252	397629	19.959	ng/ul#	98
88) Benzo(k)fluoranthene	24.99	252	372136	19.015	ng/ul#	96
90) Benzo(a)pyrene	25.92	252	378398m	19.678	ng/ul	
91) Indeno(1,2,3-cd)pyrene	30.33	276	446837	20.535	ng/ul#	94
92) Dibenzo(a,h)anthracene	30.42	278	370838	20.831	ng/ul#	97
93) Benzo(g,h,i)perylene	31.69	276	373824	21.582	ng/ul#	97

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



#2

1,4-Dioxane

Concen: 6.653 ng/uL

RT: 3.82 min Scan# 90

Delta R.T. -0.00 min

Lab File: BG032385.D

Acq: 28 Jan 2018 12:46

Instrument :

BNA_G

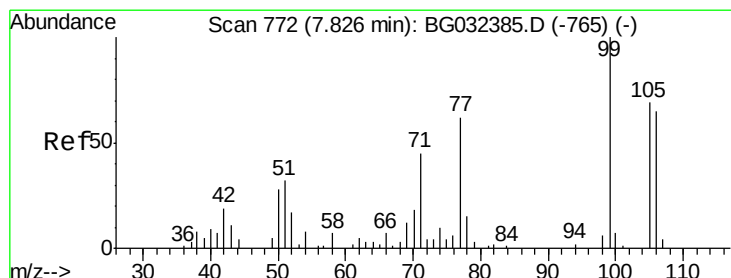
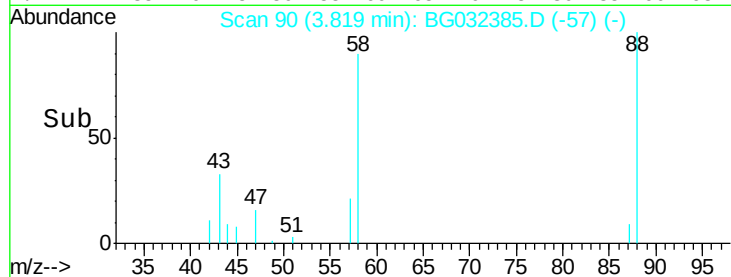
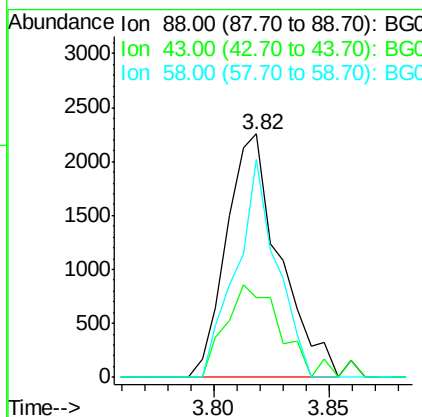
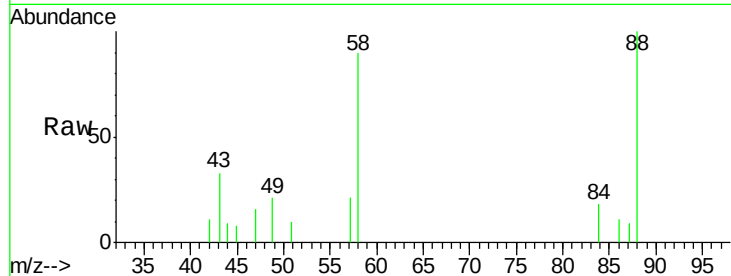
ClientSampleId :

SSTD02084

Tot Ion:	88	Resp:	3618
Ion	Ratio	Lower	Upper
88	100		
43	32.7	29.0	43.4
58	89.5	45.9	68.9#

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#4

Benzaldehyde

Concen: 22.711 ng/uL

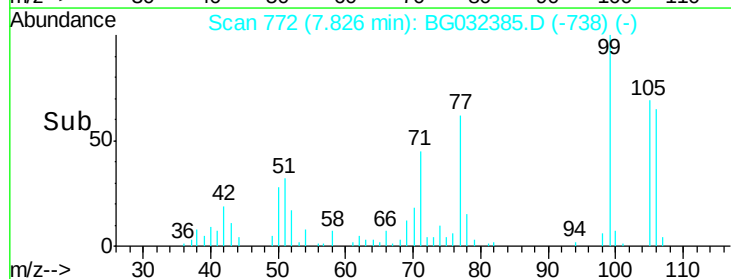
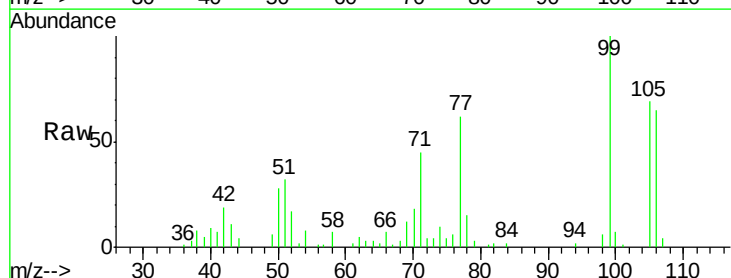
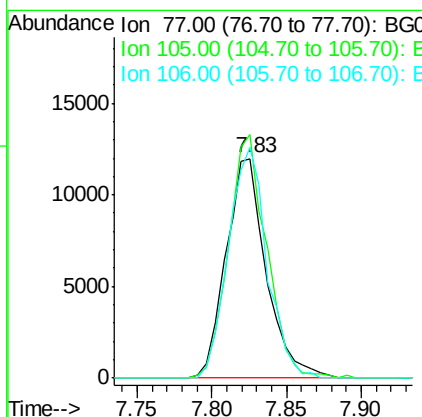
RT: 7.83 min Scan# 772

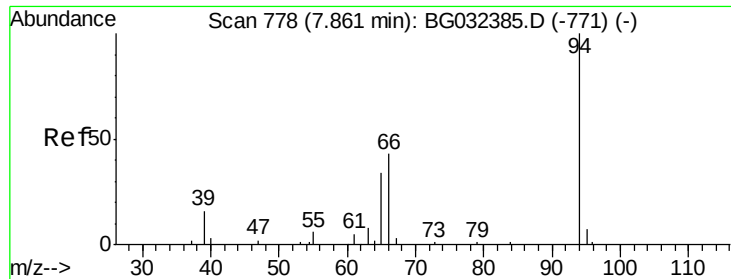
Delta R.T. 0.00 min

Lab File: BG032385.D

Acq: 28 Jan 2018 12:46

Tgt Ion:	77	Resp:	22511
Ion	Ratio	Lower	Upper
77	100		
105	111.0	71.0	106.6#
106	105.3	69.5	104.3#





#6

Phenol

Concen: 17.816 ng/ul

RT: 7.86 min Scan# 778

Delta R.T. -0.00 min

Lab File: BG032385.D

Acq: 28 Jan 2018 12:46

Instrument :

BNA_G

ClientSampled :

SSTD02084

Tot Ion: 94 Resp: 34772

Ion Ratio Lower Upper

94 100

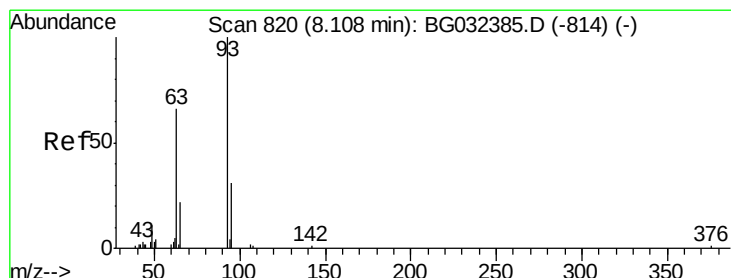
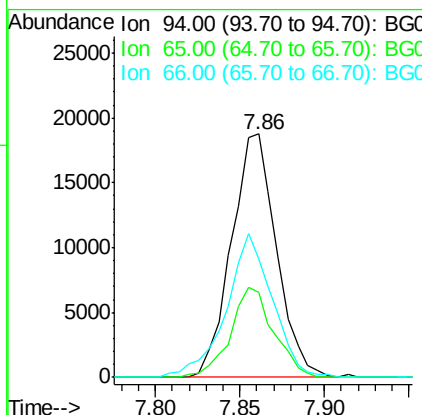
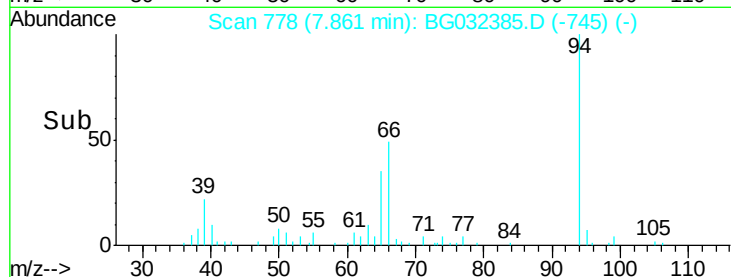
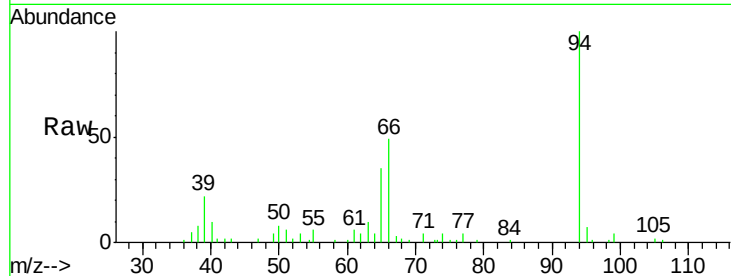
65 35.0 23.0 34.6#

66 48.6 30.4 45.6#

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#8

Bis(2-Chloroethyl)ether

Concen: 17.946 ng/ul

RT: 8.11 min Scan# 820

Delta R.T. -0.00 min

Lab File: BG032385.D

Acq: 28 Jan 2018 12:46

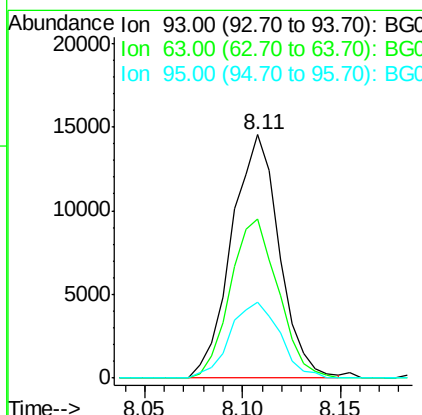
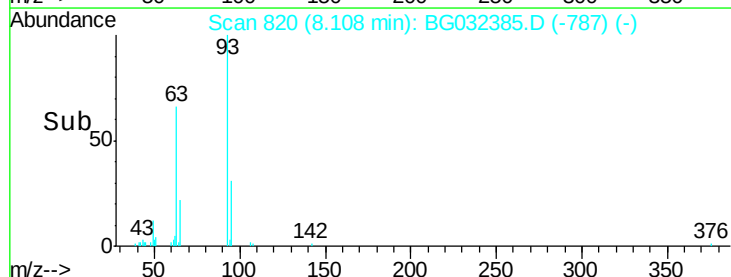
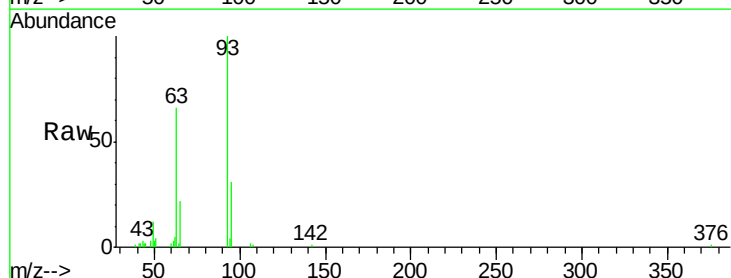
Tgt Ion: 93 Resp: 24628

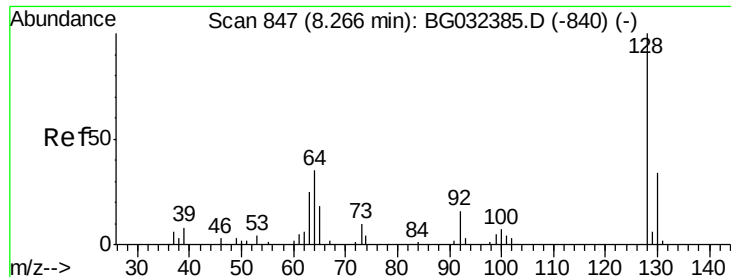
Ion Ratio Lower Upper

93 100

63 65.5 59.4 89.2

95 31.3 26.4 39.6





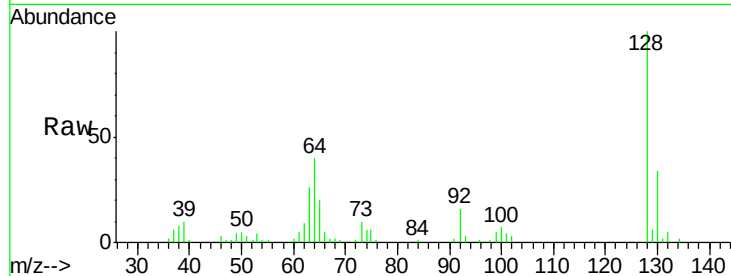
#10
2-Chlorophenol
Concen: 19.372 ng/ul
RT: 8.27 min Scan# 847
Delta R.T. -0.01 min
Lab File: BG032385.D
Acq: 28 Jan 2018 12:46

Instrument :
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ClientSampleId :
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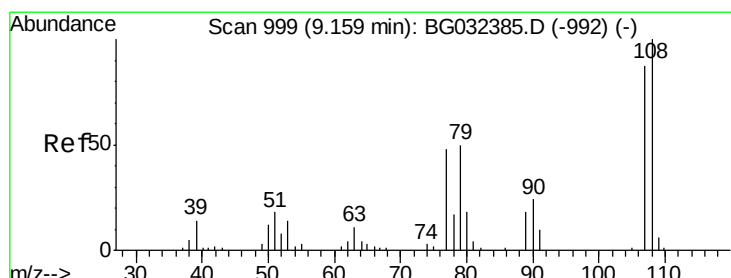
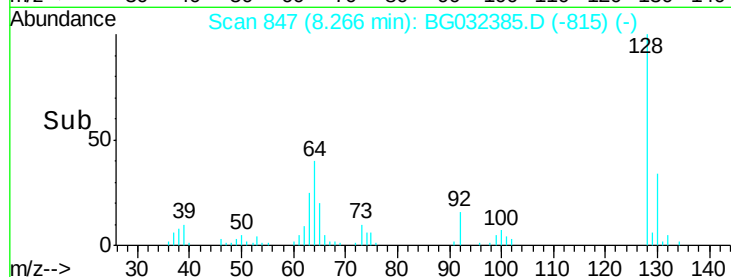
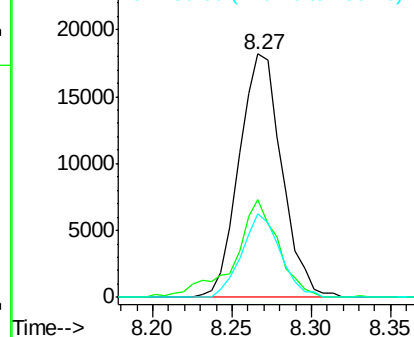
Tot Ion	Ratio	Lower	Upper
128	100		
64	40.2	39.8	59.6
130	34.4	25.8	38.8

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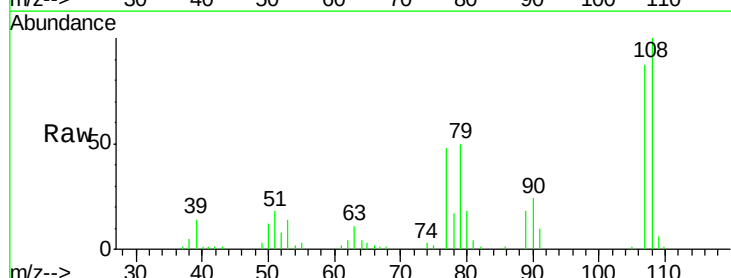


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 130.00 (129.70 to 130.70): E

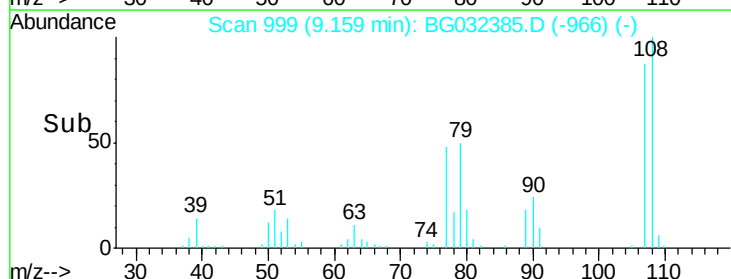
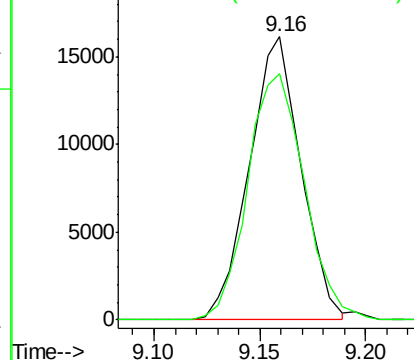


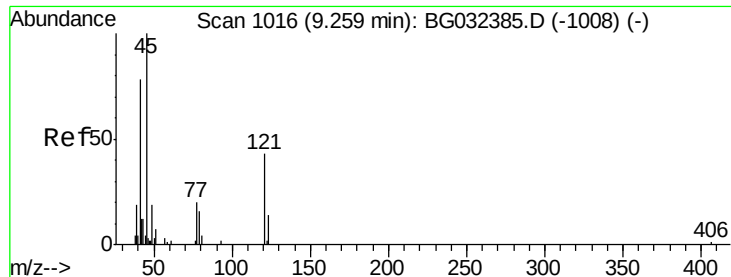
#11
2-Methylphenol
Concen: 17.652 ng/ul
RT: 9.16 min Scan# 999
Delta R.T. -0.00 min
Lab File: BG032385.D
Acq: 28 Jan 2018 12:46

Tgt Ion	Ratio	Lower	Upper
108	100		
107	87.1	74.1	111.1



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: 17.099 ng/ul

RT: 9.26 min Scan# 1016

Delta R.T. -0.00 min

Lab File: BG032385.D

Acq: 28 Jan 2018 12:46

Instrument :

BNA_G

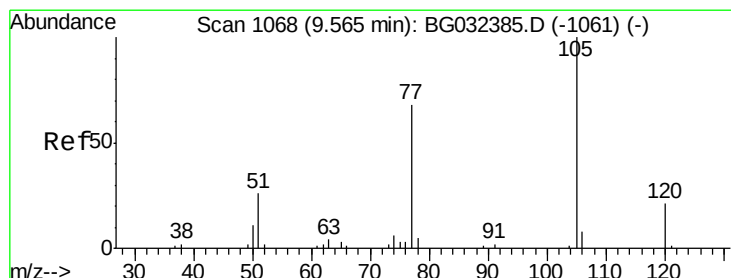
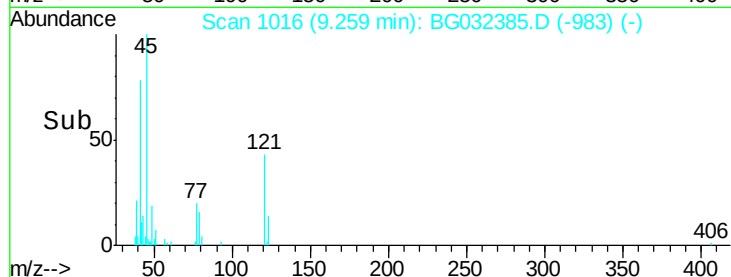
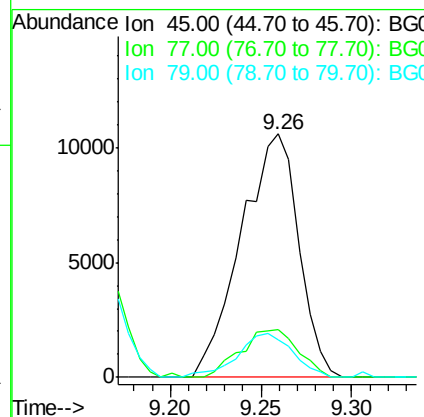
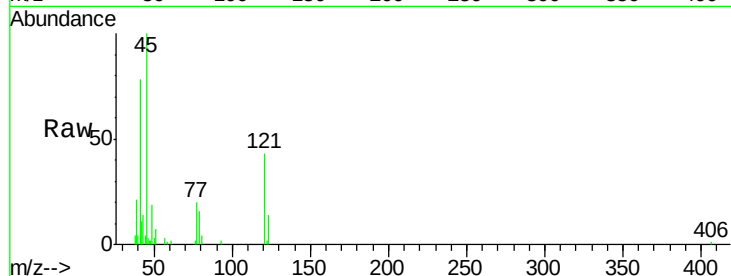
ClientSampleId :

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Tot Ion:	45	Resp:	23366
Ion Ratio		Lower	Upper
45	100		
77	19.7	12.5	18.7#
79	15.6	9.4	14.2#

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#14

Acetophenone

Concen: 18.843 ng/ul

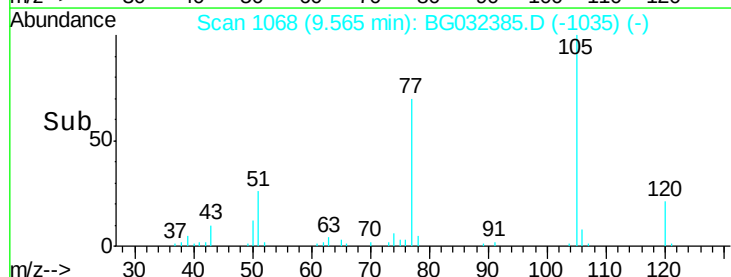
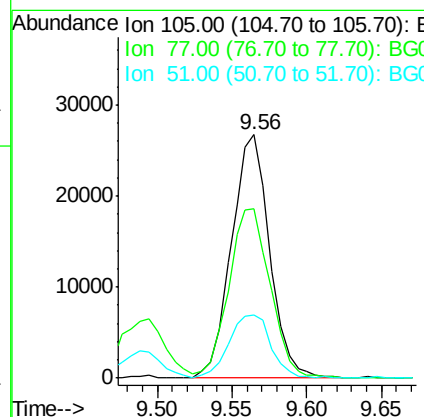
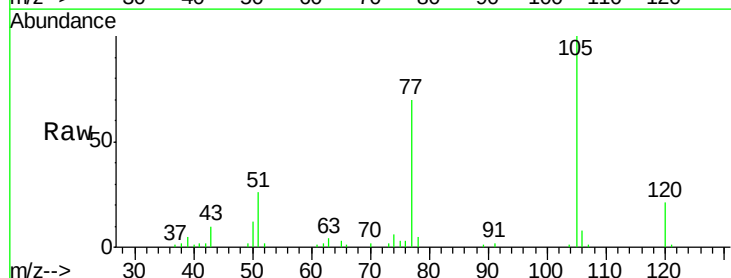
RT: 9.56 min Scan# 1068

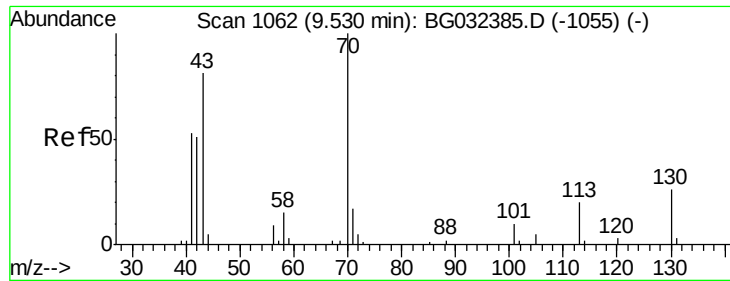
Delta R.T. -0.00 min

Lab File: BG032385.D

Acq: 28 Jan 2018 12:46

Tgt Ion:	105	Resp:	47731
Ion Ratio		Lower	Upper
105	100		
77	69.6	63.2	94.8
51	26.2	19.8	29.8





#15

N-Nitroso-di-n-propylamine

Concen: 17.433 ng/ul

RT: 9.53 min Scan# 1062

Delta R.T. -0.01 min

Lab File: BG032385.D

Acq: 28 Jan 2018 12:46

Instrument :

BNA_G

ClientSampleId :

SSTD02084

Tot Ion: 70 Resp: 20611

Ion Ratio Lower Upper

70 100

42 52.7 40.2 60.4

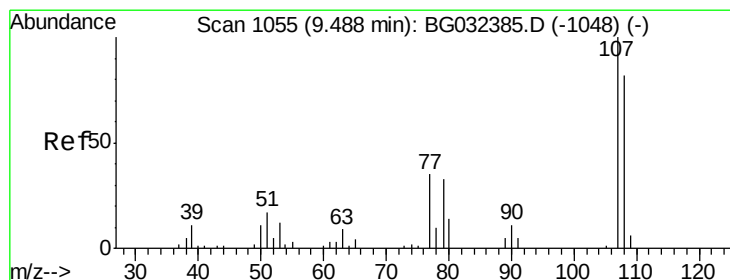
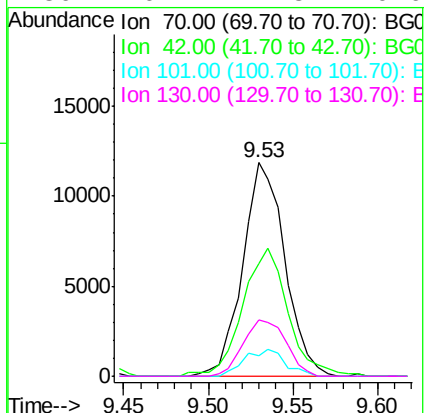
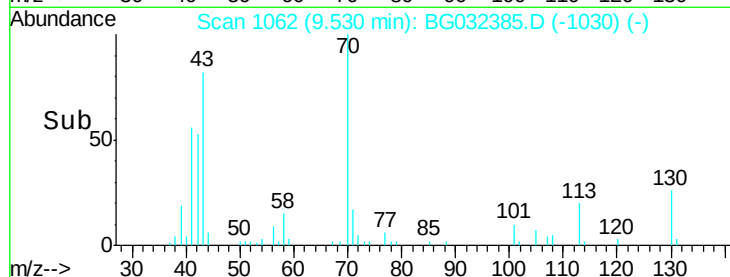
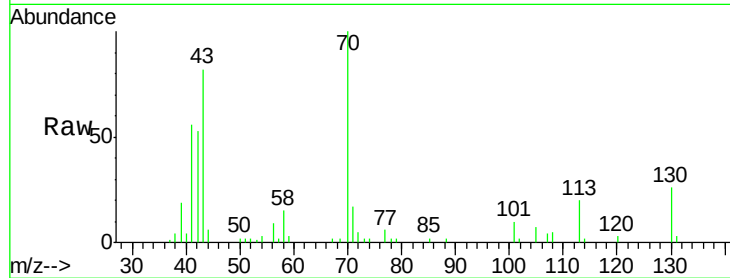
101 9.9 7.7 11.5

130 26.1 17.8 26.6

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#16

4-Methylphenol

Concen: 17.778 ng/ul

RT: 9.49 min Scan# 1055

Delta R.T. -0.00 min

Lab File: BG032385.D

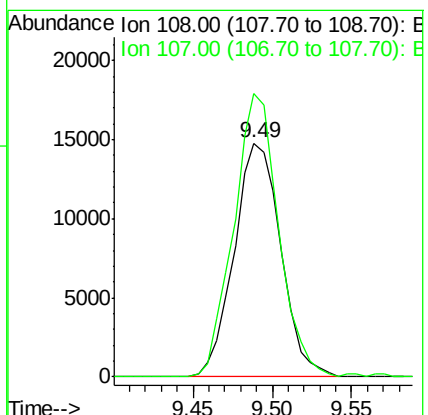
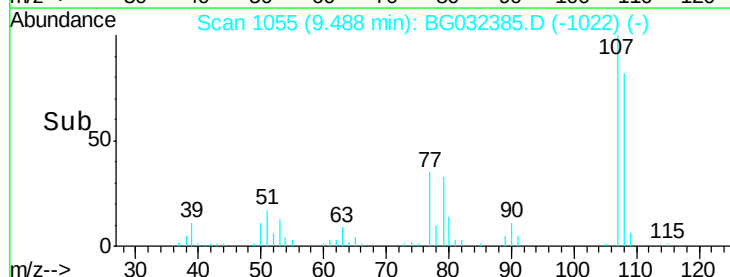
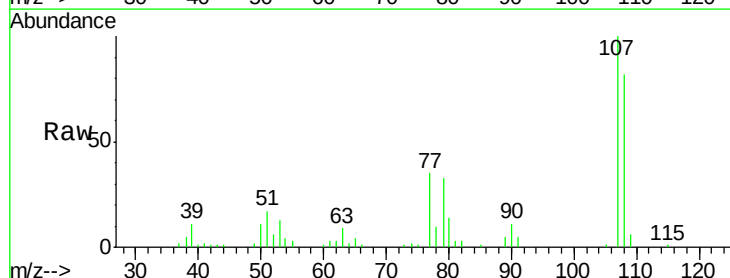
Acq: 28 Jan 2018 12:46

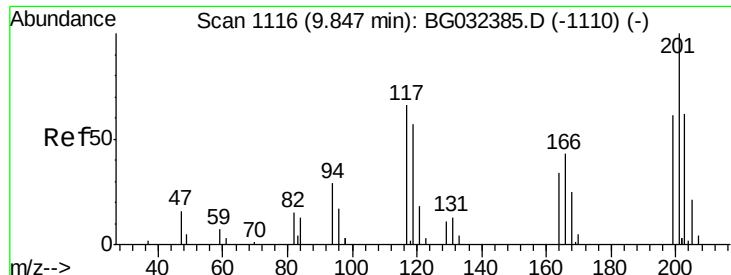
Tgt Ion: 108 Resp: 30229

Ion Ratio Lower Upper

108 100

107 121.2 93.6 140.4





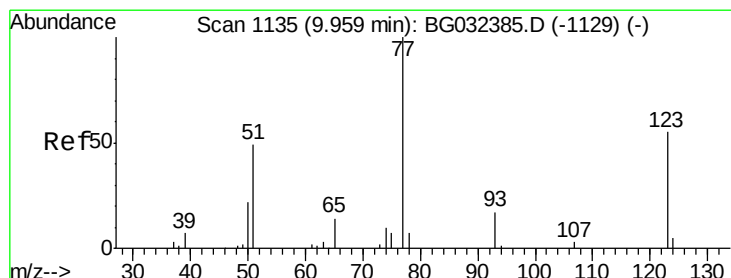
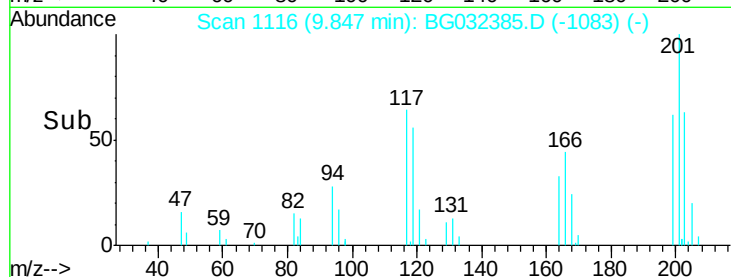
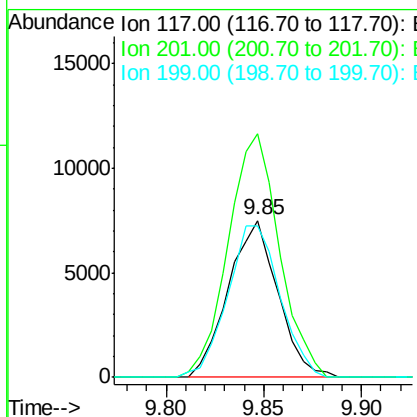
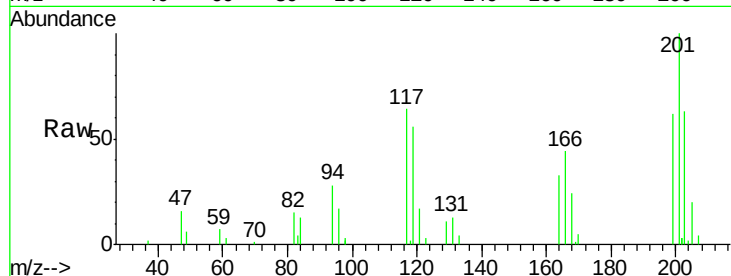
#17
Hexachloroethane
Concen: 19.038 ng/ul
RT: 9.85 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BG032385.D
Acq: 28 Jan 2018 12:46

Instrument :
BNA_G
ClientSampleId :
SSTD02084

Tot Ion	Ratio	Lower	Upper
117	100		
201	155.1	96.1	144.1#
199	96.3	59.7	89.5#

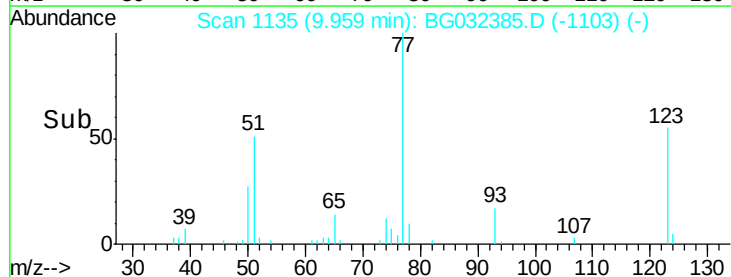
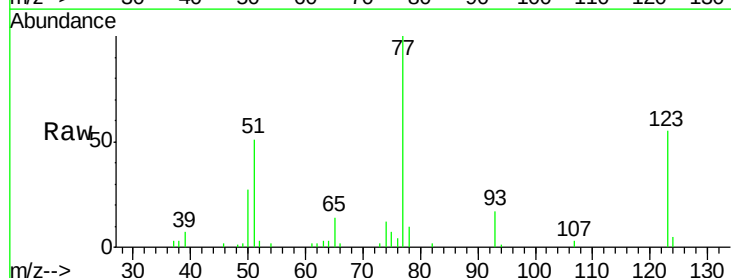
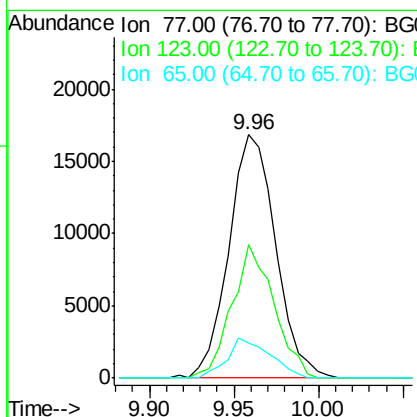
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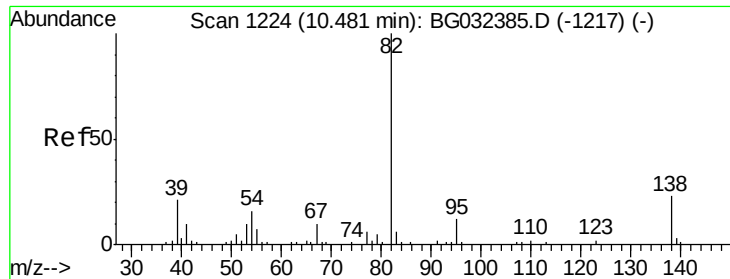
Sohil
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#20
Nitrobenzene
Concen: 19.914 ng/ul
RT: 9.96 min Scan# 1135
Delta R.T. -0.01 min
Lab File: BG032385.D
Acq: 28 Jan 2018 12:46

Tgt Ion	Ratio	Lower	Upper
77	100		
123	55.0	31.8	47.8#
65	14.3	10.6	16.0





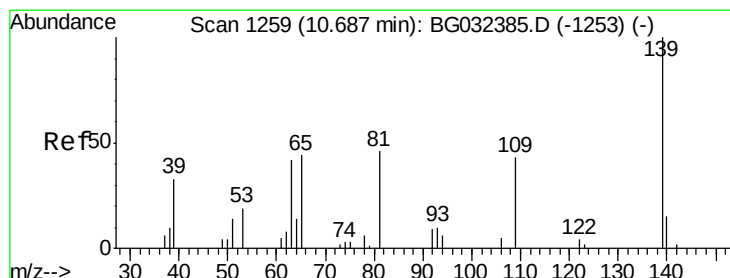
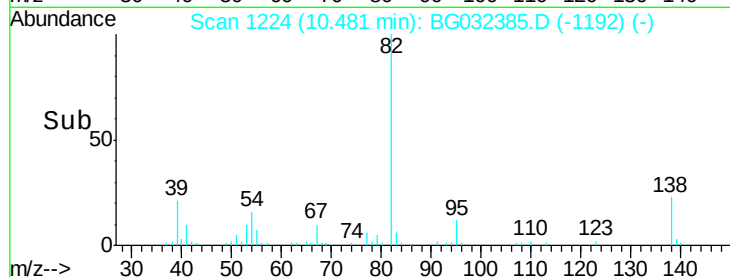
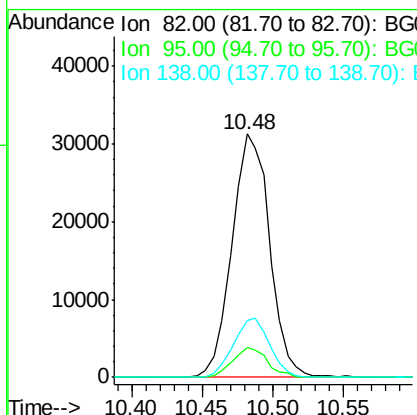
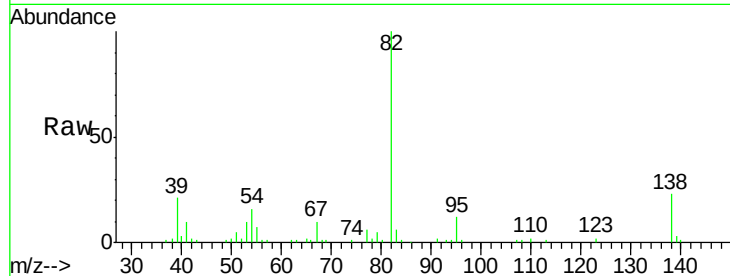
#21
Isophorone
Concen: 19.857 ng/ul
RT: 10.48 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BG032385.D
Acq: 28 Jan 2018 12:46

Instrument :
BNA_G
ClientSampleId :
SSTD02084

Tot Ion	Ratio	Lower	Upper
82	100		
95	12.2	6.1	9.1#
138	23.1	13.5	20.3#

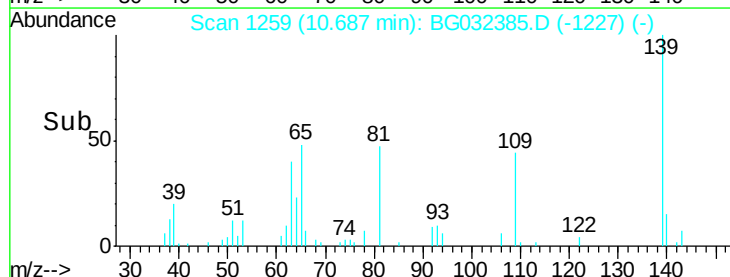
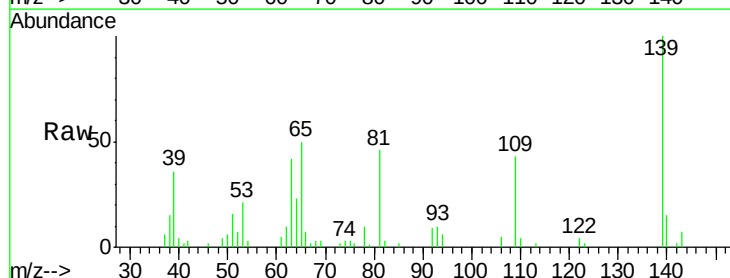
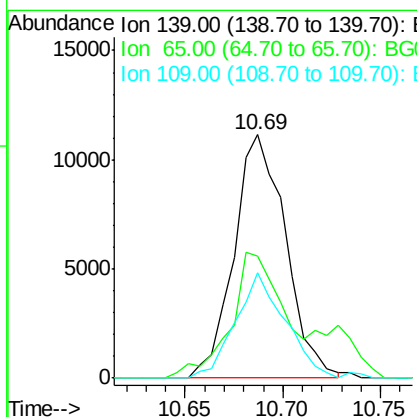
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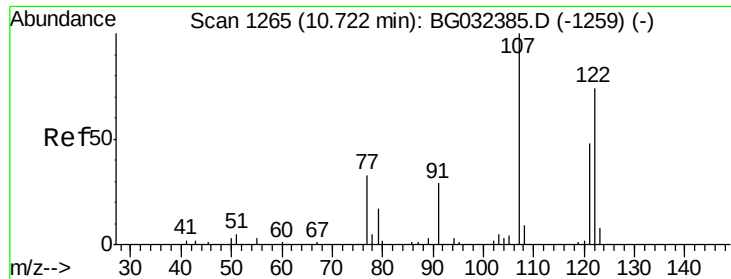
Sohil
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#23
2-Nitrophenol
Concen: 20.492 ng/ul
RT: 10.69 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BG032385.D
Acq: 28 Jan 2018 12:46

Tgt Ion	Ratio	Lower	Upper
139	100		
65	50.0	45.3	67.9
109	43.2	27.7	41.5#





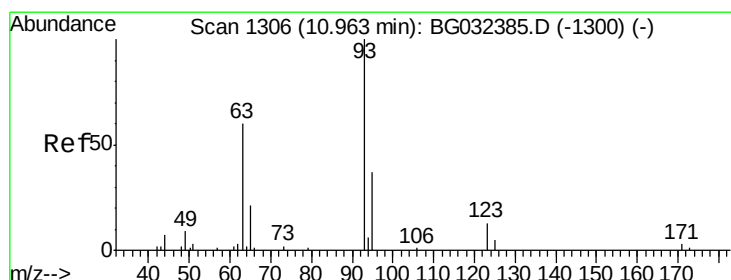
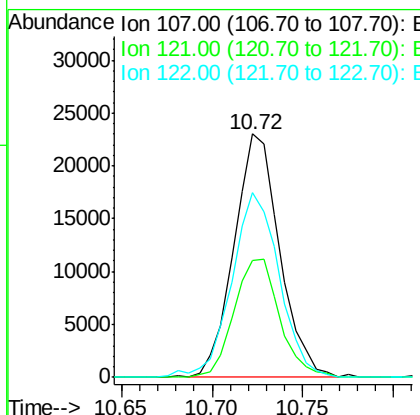
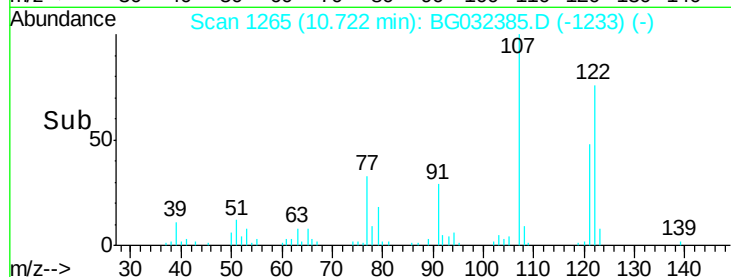
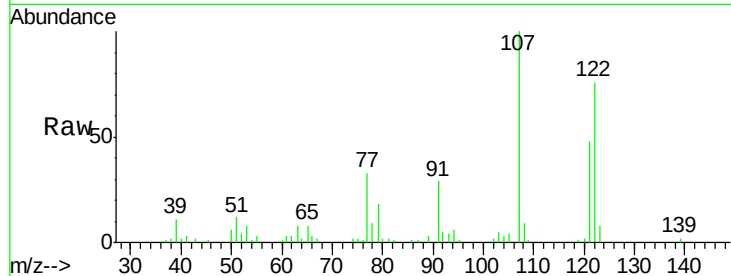
#24
 2,4-Dimethylphenol
 Concen: 20.183 ng/ul
 RT: 10.72 min Scan# 1265
 Delta R.T. -0.01 min
 Lab File: BG032385.D
 Acq: 28 Jan 2018 12:46

Instrument :
 BNA_G
 ClientSampleId :
 SST02084

Tot Ion	Ratio	Lower	Upper
107	100		
121	48.2	38.1	57.1
122	76.1	63.8	95.8

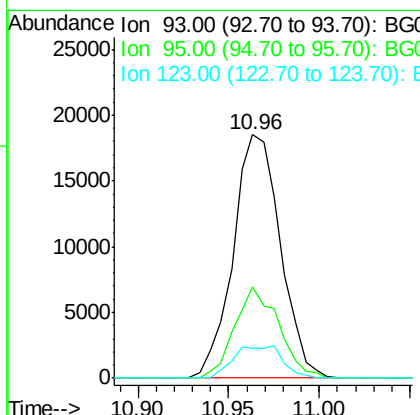
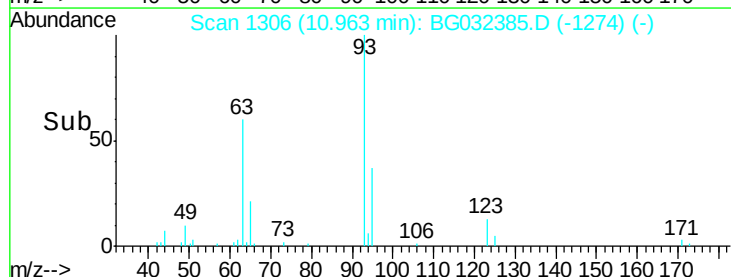
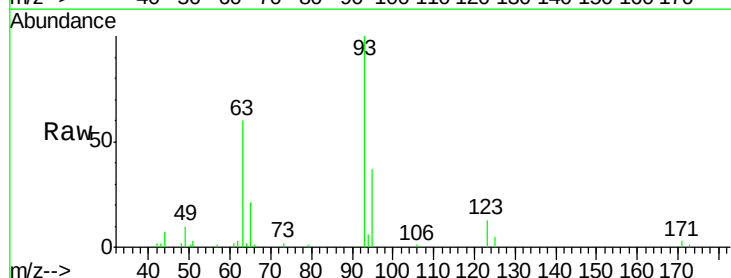
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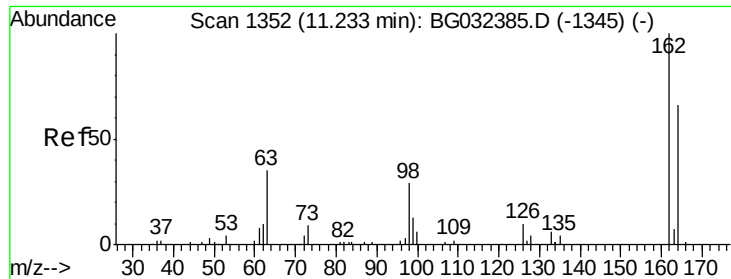
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#25
 Bis(2-Chloroethoxy)methane
 Concen: 18.011 ng/ul
 RT: 10.96 min Scan# 1306
 Delta R.T. -0.01 min
 Lab File: BG032385.D
 Acq: 28 Jan 2018 12:46

Tgt Ion	Ratio	Lower	Upper
93	100		
95	37.2	24.7	37.1#
123	12.5	8.2	12.2#





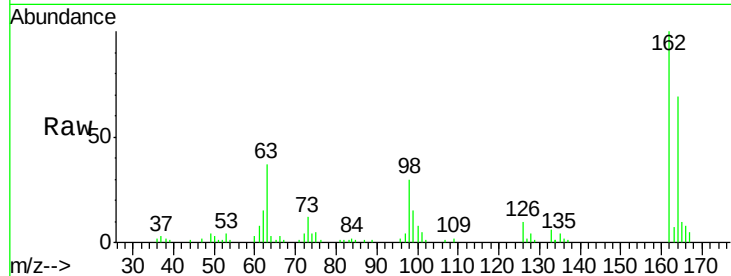
#27
2,4-Dichlorophenol
Concen: 19.609 ng/ul
RT: 11.23 min Scan# 1352
Delta R.T. -0.00 min
Lab File: BG032385.D
Acq: 28 Jan 2018 12:46

Instrument :
BNA_G
ClientSampleId :
SSTD02084

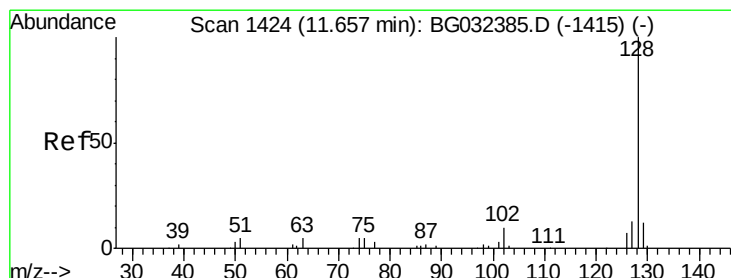
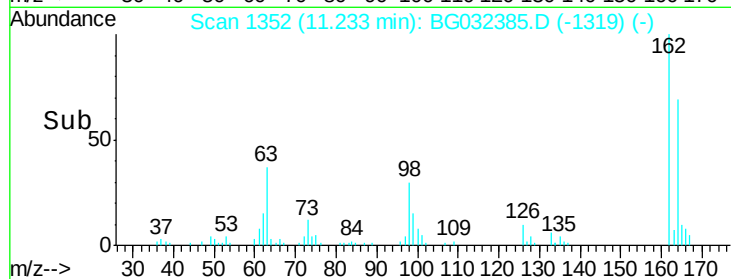
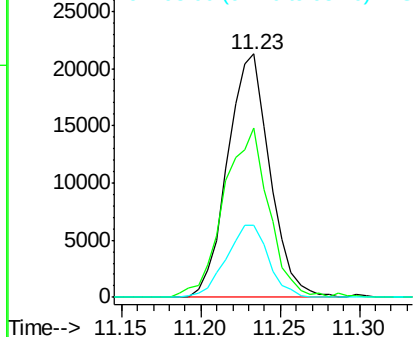
Tot Ion	Ratio	Lower	Upper
162	100		
164	69.3	52.0	78.0
98	29.6	26.6	39.8

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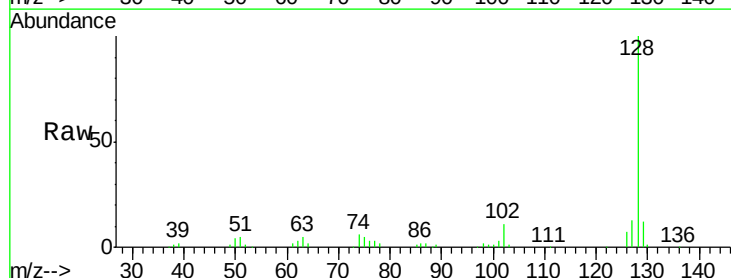


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BGC

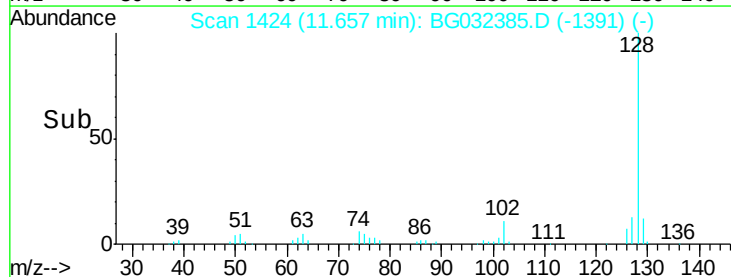
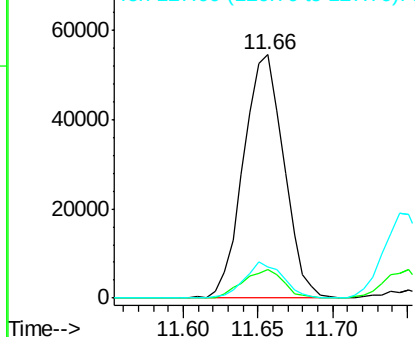


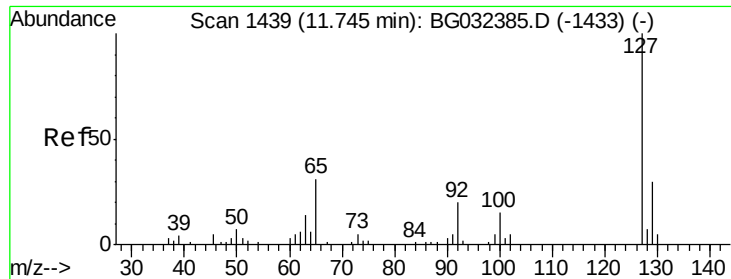
#28
Naphthalene
Concen: 20.252 ng/ul
RT: 11.66 min Scan# 1424
Delta R.T. -0.00 min
Lab File: BG032385.D
Acq: 28 Jan 2018 12:46

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.3	12.5
127	13.0	10.8	16.2



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





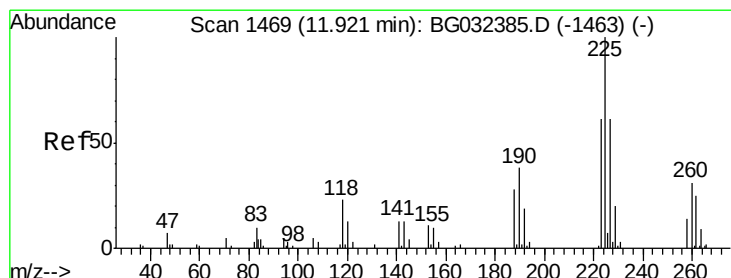
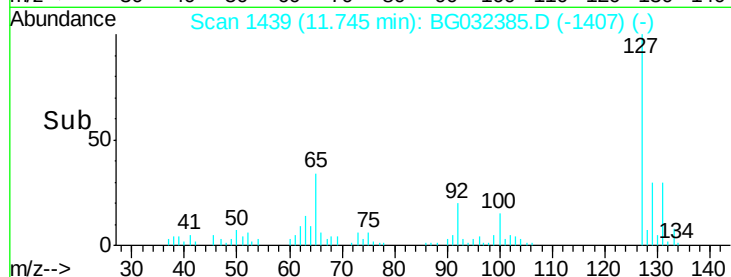
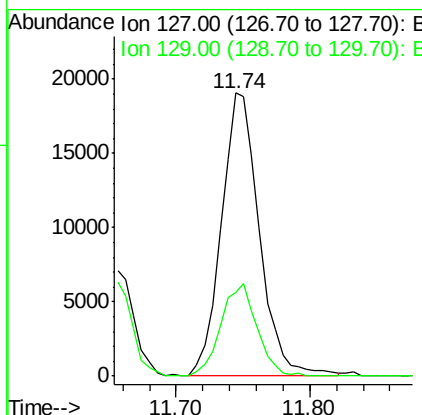
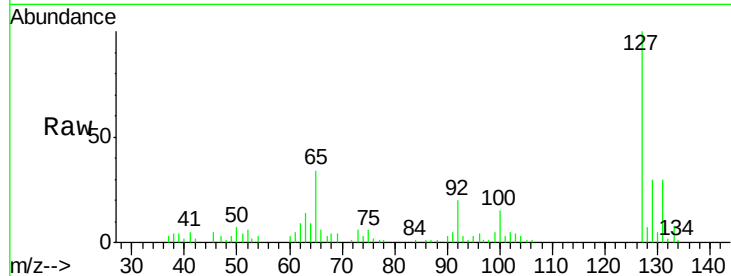
#30
 4-Chloroaniline
 Concen: 26.263 ng/ul
 RT: 11.74 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BG032385.D
 Acq: 28 Jan 2018 12:46

Instrument :
 BNA_G
 ClientSampleId :
 SST02084

Tot Ion:127 Resp: 37799
 Ion Ratio Lower Upper
 127 100
 129 29.5 24.6 37.0

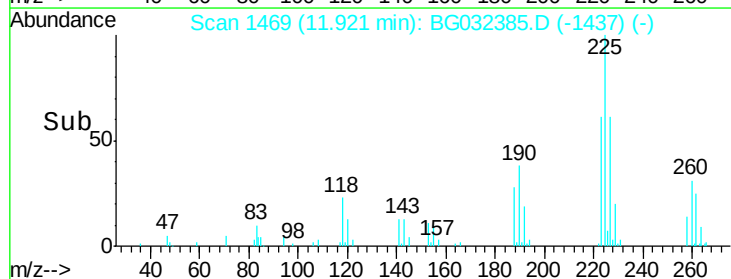
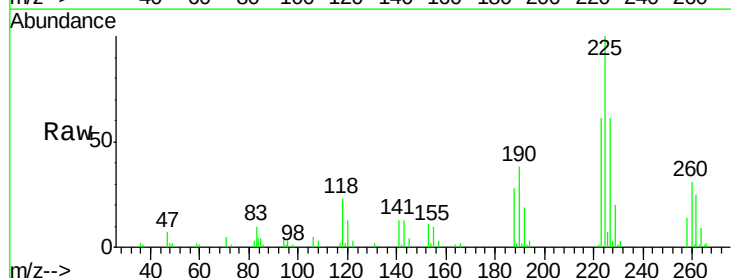
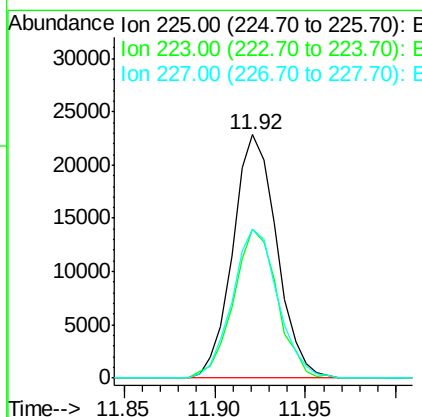
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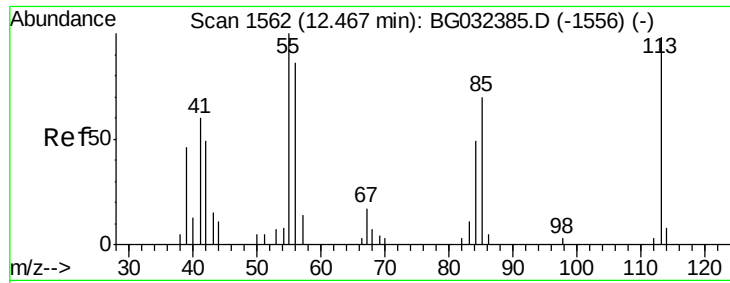
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#31
 Hexachlorobutadiene
 Concen: 21.223 ng/ul
 RT: 11.92 min Scan# 1469
 Delta R.T. -0.01 min
 Lab File: BG032385.D
 Acq: 28 Jan 2018 12:46

Tgt Ion:225 Resp: 38426
 Ion Ratio Lower Upper
 225 100
 223 61.0 48.1 72.1
 227 61.3 52.1 78.1





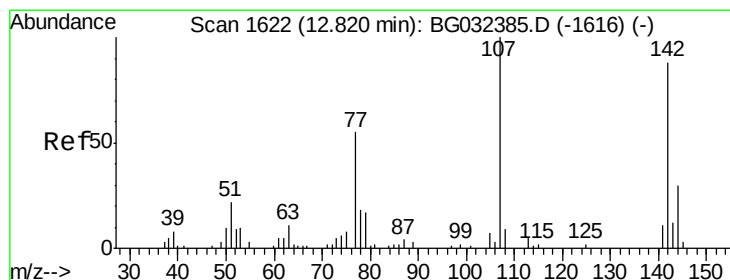
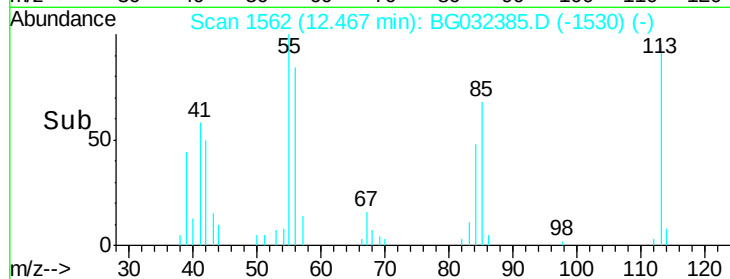
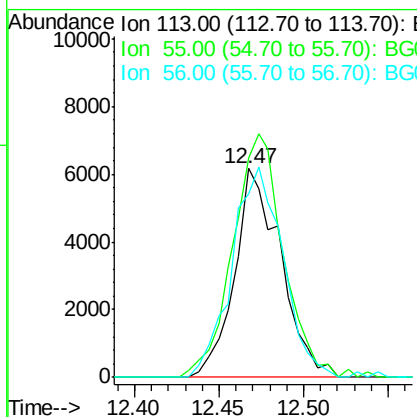
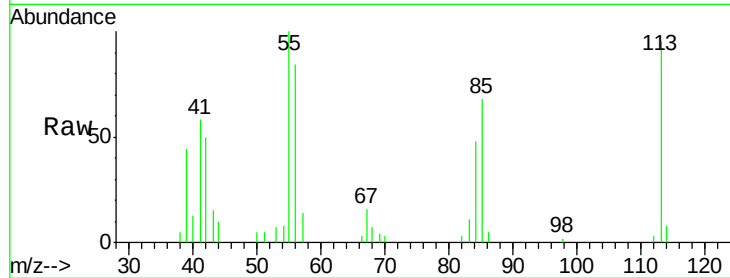
#32
 Caprolactam
 Concen: 22.611 ng/ul
 RT: 12.47 min Scan# 1562
 Delta R.T. -0.01 min
 Lab File: BG032385.D
 Acq: 28 Jan 2018 12:46

Instrument :
 BNA_G
 ClientSampleId :
 SST02084

Tot Ion	Ratio	Lower	Upper
113	100		
55	105.0	131.7	197.5#
56	87.8	92.7	139.1#

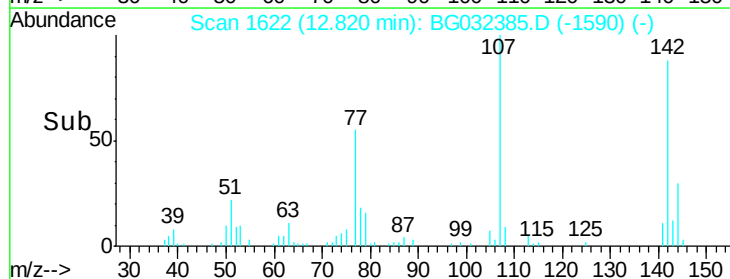
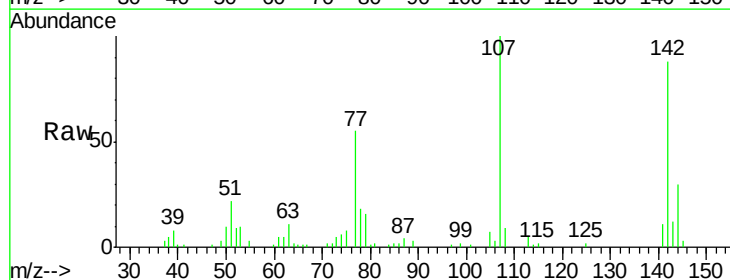
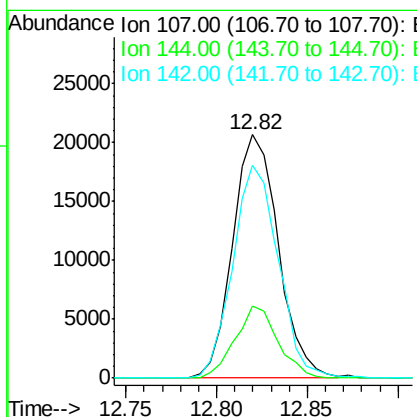
Manual Integrations
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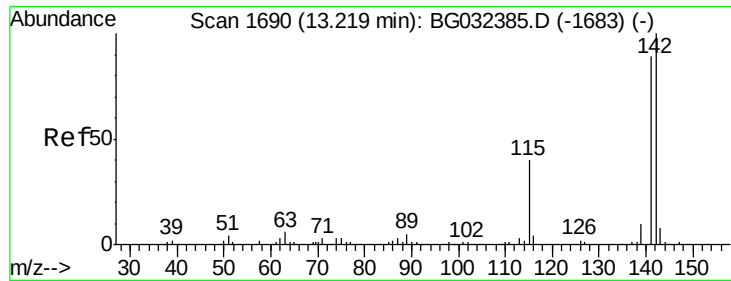
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#33
 4-Chloro-3-methylphenol
 Concen: 19.976 ng/ul
 RT: 12.82 min Scan# 1622
 Delta R.T. -0.01 min
 Lab File: BG032385.D
 Acq: 28 Jan 2018 12:46

Tgt Ion	Ratio	Lower	Upper
107	100		
144	29.9	21.1	31.7
142	87.6	60.1	90.1





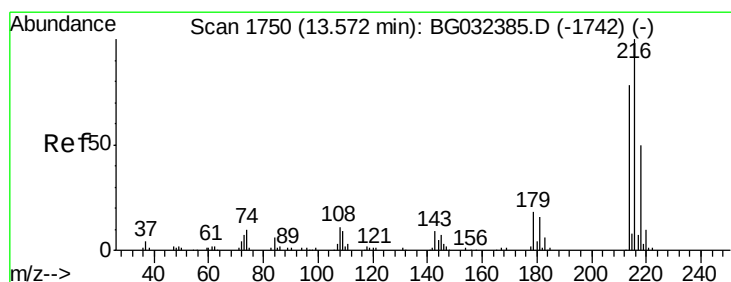
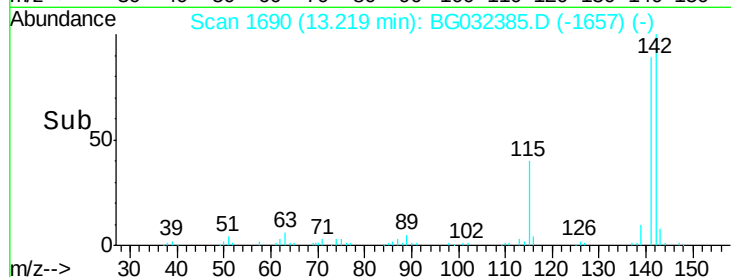
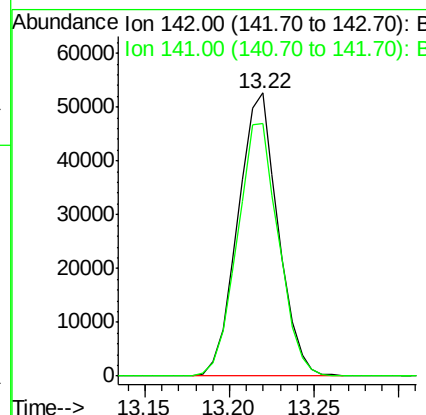
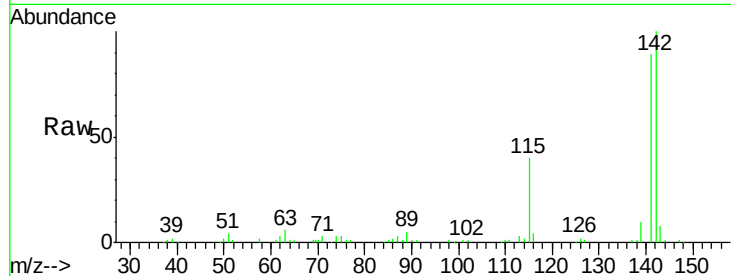
#34
 2-Methylnaphthalene
 Concen: 20.195 ng/ul
 RT: 13.22 min Scan# 1690
 Delta R.T. -0.00 min
 Lab File: BG032385.D
 Acq: 28 Jan 2018 12:46

Instrument :
 BNA_G
 ClientSampleId :
 SST02084

Tot Ion:142 Resp: 86942
 Ion Ratio Lower Upper
 142 100
 141 89.2 71.4 107.2

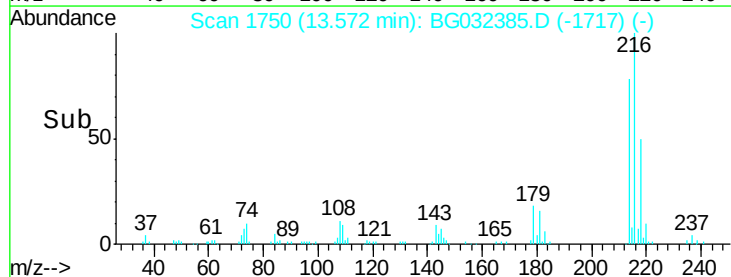
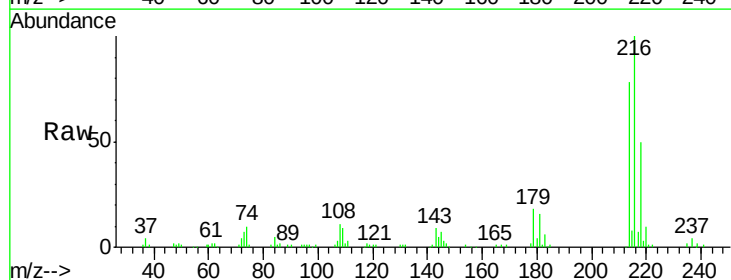
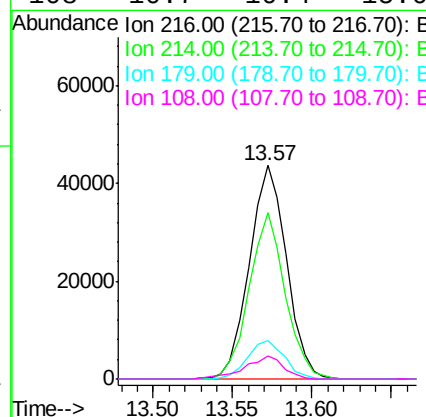
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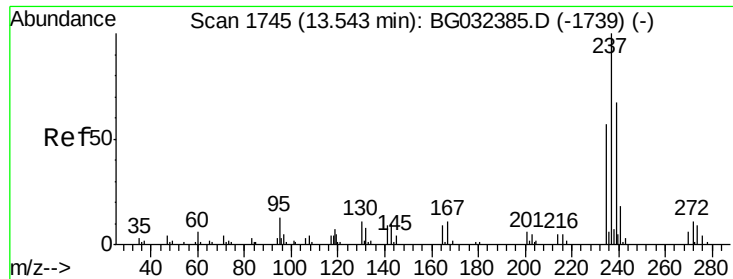
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#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 19.423 ng/ul
 RT: 13.57 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: BG032385.D
 Acq: 28 Jan 2018 12:46

Tgt Ion:216 Resp: 71210
 Ion Ratio Lower Upper
 216 100
 214 78.0 64.1 96.1
 179 18.3 14.5 21.7
 108 10.7 10.4 15.6





#37

Hexachlorocyclopentadiene

Concen: 22.715 ng/ul

RT: 13.54 min Scan# 1745

Delta R.T. -0.01 min

Lab File: BG032385.D

Acq: 28 Jan 2018 12:46

Instrument :

BNA_G

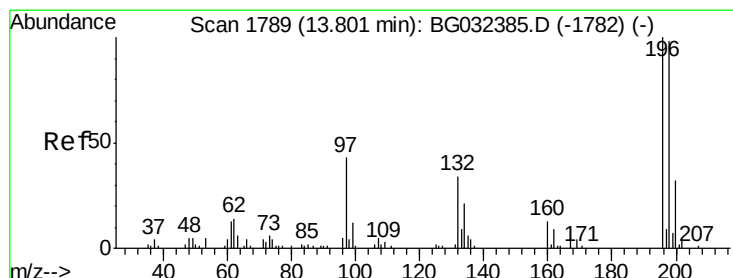
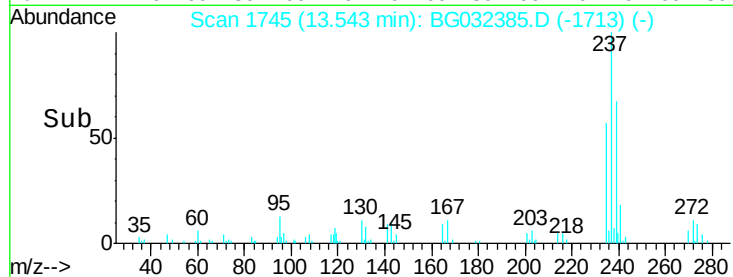
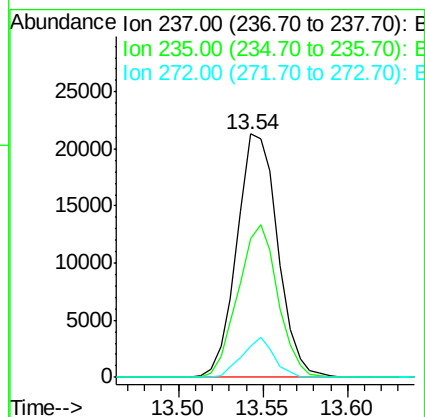
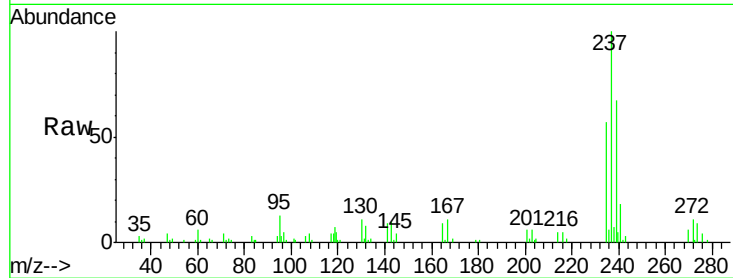
ClientSampleId :

SSTD02084

Tot Ion:	237	Resp:	35932
Ion Ratio	Lower	Upper	
237	100		
235	57.2	49.5	74.3
272	12.7	8.6	12.8

Manual Integrations
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#38

2,4,6-Trichlorophenol

Concen: 19.162 ng/ul

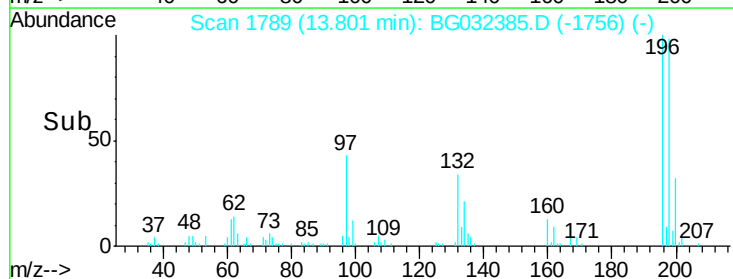
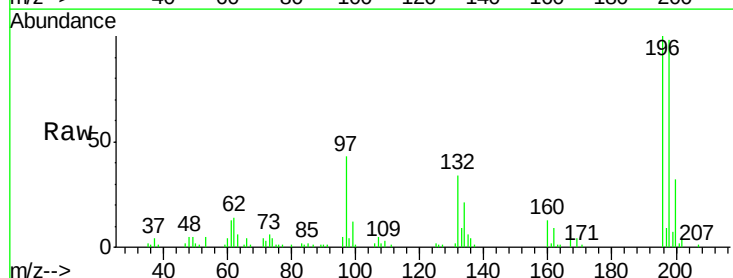
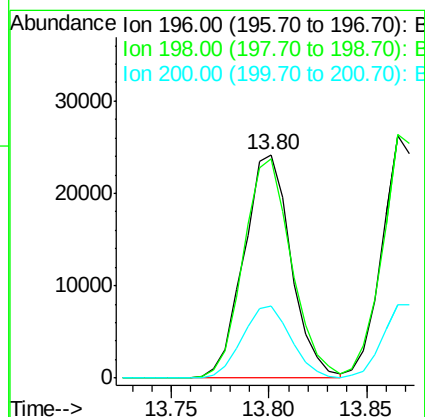
RT: 13.80 min Scan# 1789

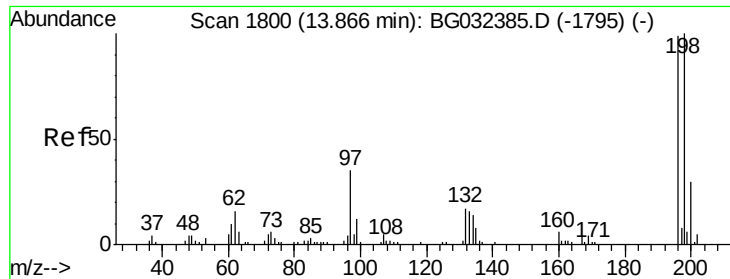
Delta R.T. -0.00 min

Lab File: BG032385.D

Acq: 28 Jan 2018 12:46

Tgt Ion:	196	Resp:	40586
Ion Ratio	Lower	Upper	
196	100		
198	98.3	75.9	113.9
200	32.0	25.8	38.6





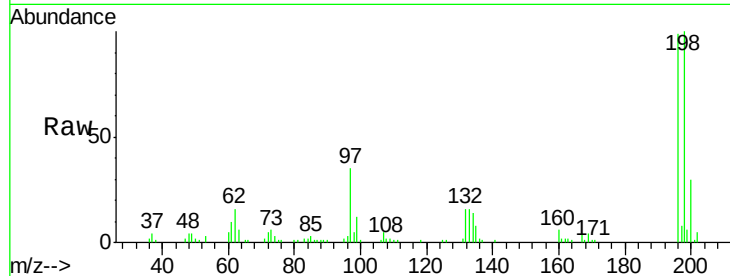
#39
 2,4,5-Trichlorophenol
 Concen: 20.125 ng/ul
 RT: 13.87 min Scan# 1800
 Delta R.T. -0.01 min
 Lab File: BG032385.D
 Acq: 28 Jan 2018 12:46

Instrument :
 BNA_G
 ClientSampleId :
 SST02084

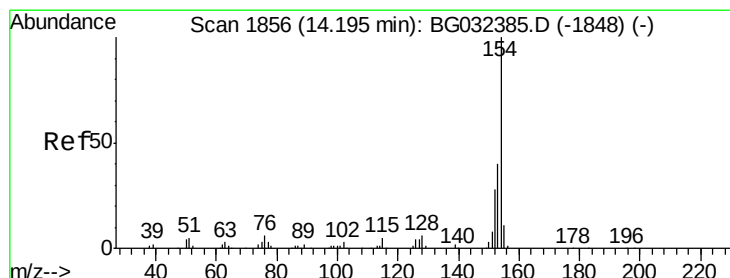
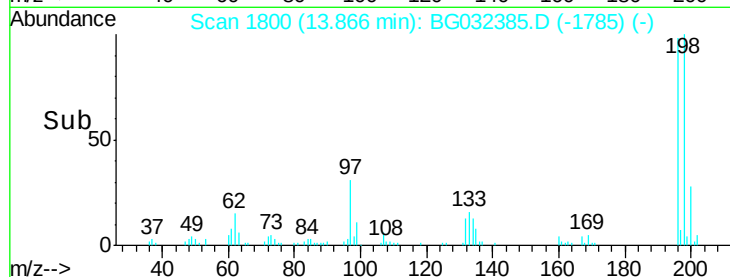
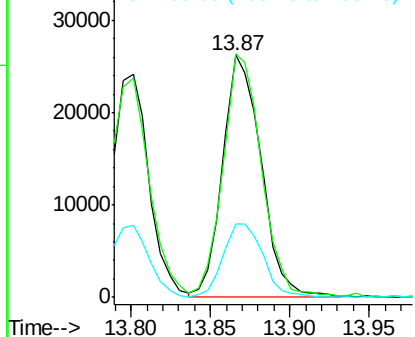
Tot Ion	Ratio	Lower	Upper
196	100		
198	100.7	74.7	112.1
200	30.2	25.4	38.0

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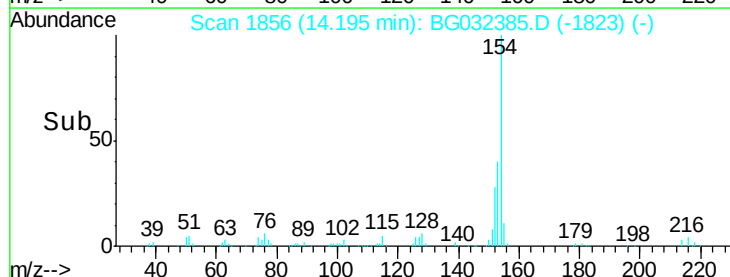
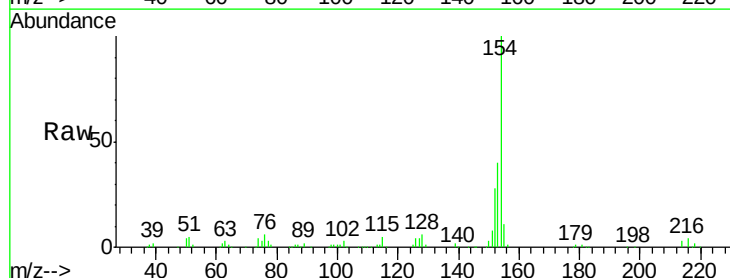
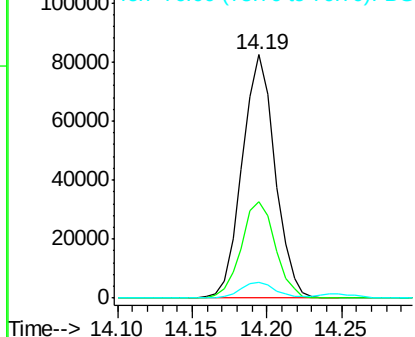
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

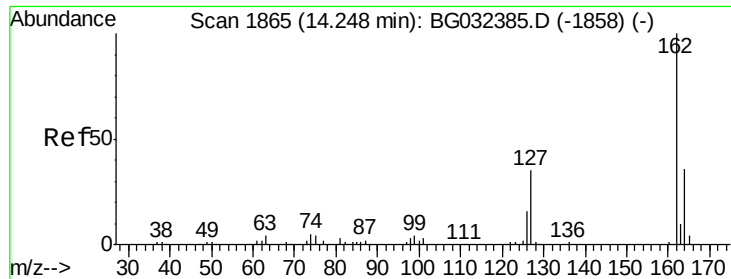


#40
 1,1'-Biphenyl
 Concen: 19.373 ng/ul
 RT: 14.19 min Scan# 1856
 Delta R.T. -0.00 min
 Lab File: BG032385.D
 Acq: 28 Jan 2018 12:46

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.5	34.0	51.0
76	6.5	8.4	12.6

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





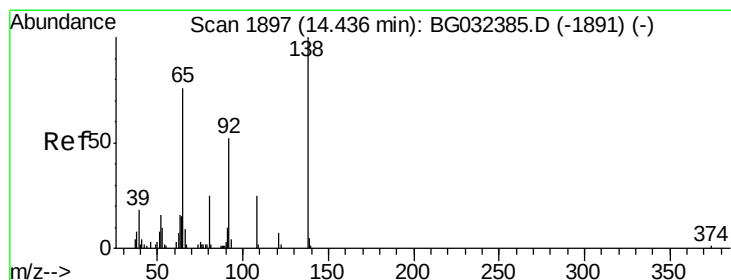
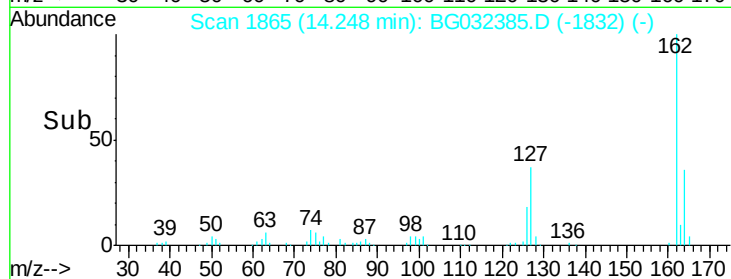
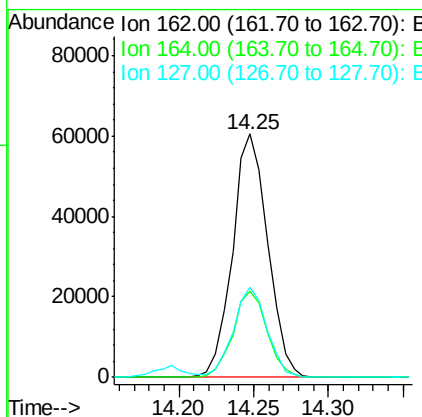
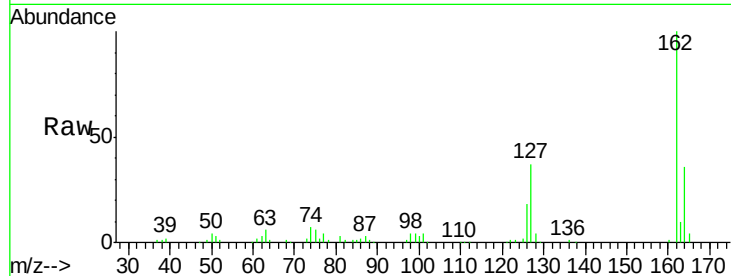
#41
 2-Chloronaphthalene
 Concen: 19.058 ng/ul
 RT: 14.25 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: BG032385.D
 Acq: 28 Jan 2018 12:46

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02084

Tot Ion:	162	Resp:	99161
Ion Ratio	Lower	Upper	
162	100		
164	35.7	26.2	39.4
127	37.1	29.5	44.3

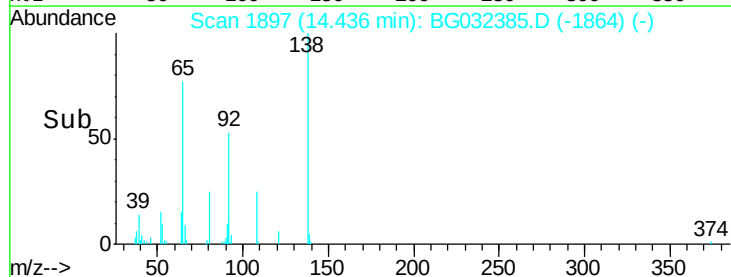
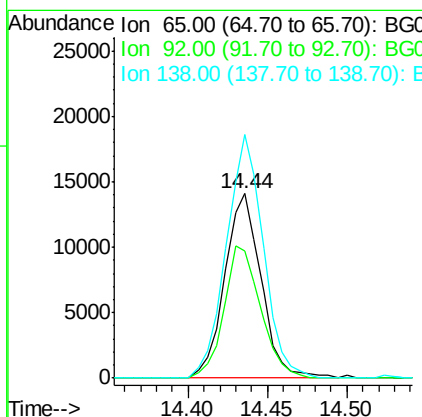
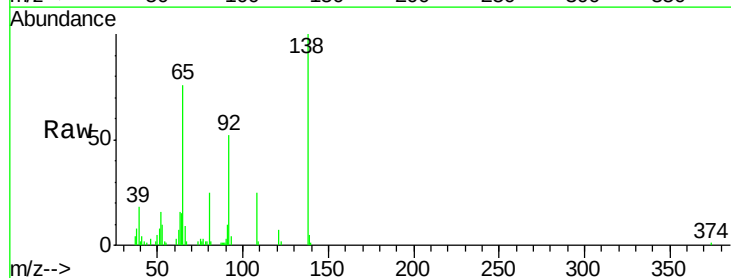
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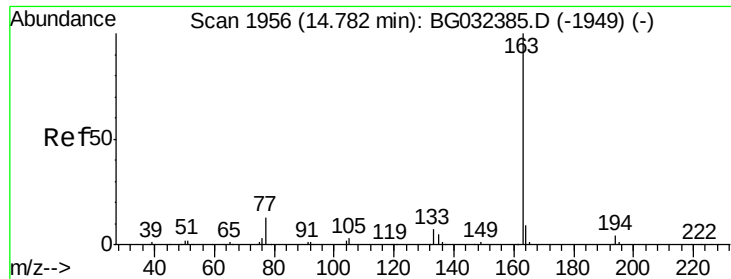
Sohil
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#42
 2-Nitroaniline
 Concen: 21.564 ng/ul
 RT: 14.44 min Scan# 1897
 Delta R.T. -0.00 min
 Lab File: BG032385.D
 Acq: 28 Jan 2018 12:46

Tgt Ion:	65	Resp:	22407
Ion Ratio	Lower	Upper	
65	100		
92	68.7	57.0	85.4
138	132.0	87.2	130.8#





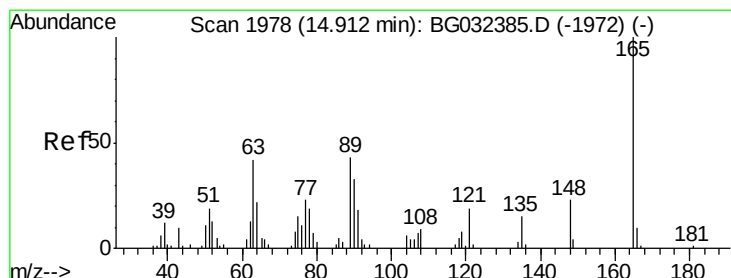
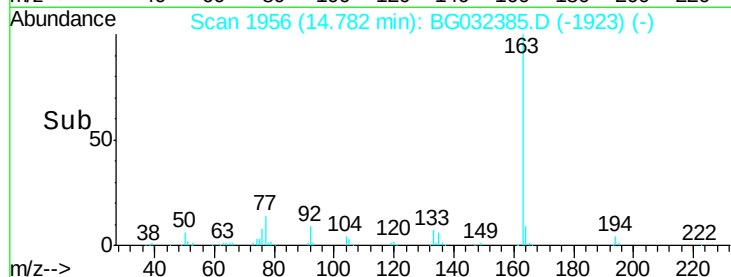
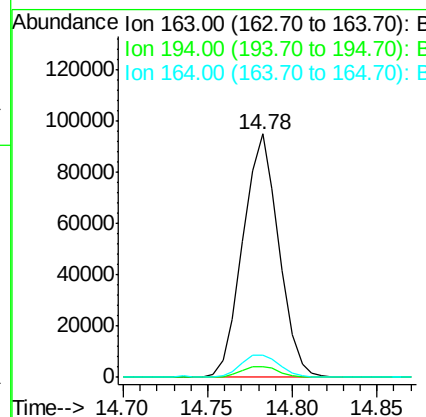
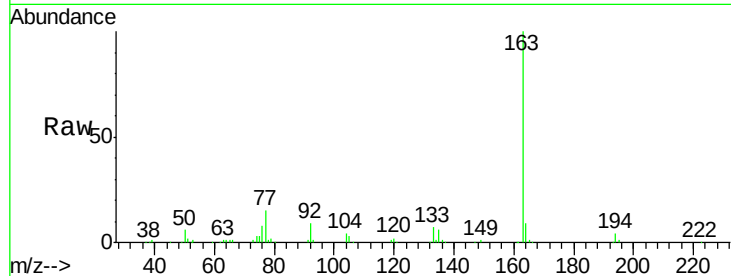
#44
Dimethylphthalate
Concen: 21.294 ng/ul
RT: 14.78 min Scan# 1956
Delta R.T. -0.00 min
Lab File: BG032385.D
Acq: 28 Jan 2018 12:46

Instrument :
BNA_G
ClientSampleId :
SSTD02084

Tot Ion	Ratio	Resp	Lower	Upper
163	100	140311		
194	4.5		4.0	6.0
164	9.1		8.4	12.6

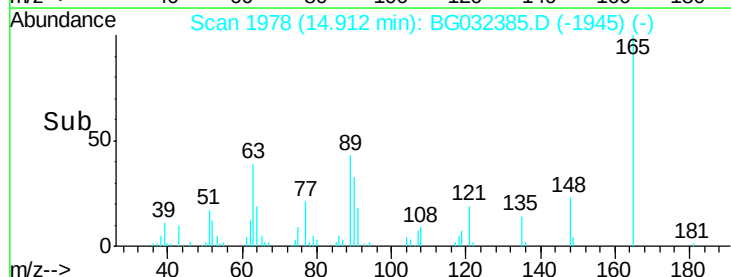
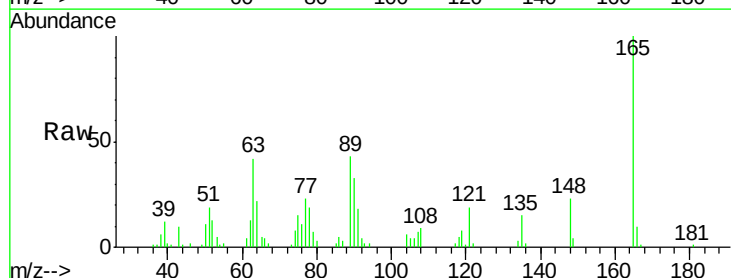
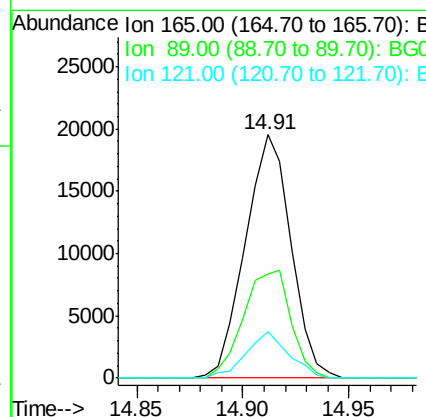
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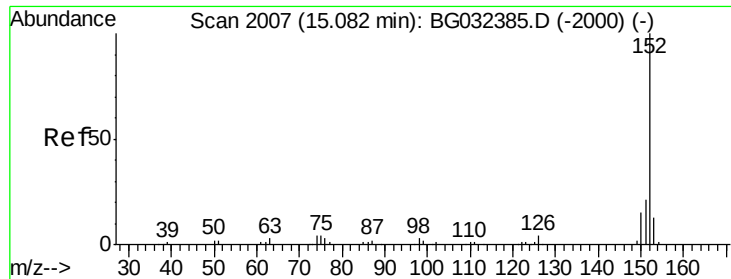
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#45
2,6-Dinitrotoluene
Concen: 21.784 ng/ul
RT: 14.91 min Scan# 1978
Delta R.T. -0.00 min
Lab File: BG032385.D
Acq: 28 Jan 2018 12:46

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	29305		
89	42.8		43.8	65.8#
121	19.0		17.8	26.6





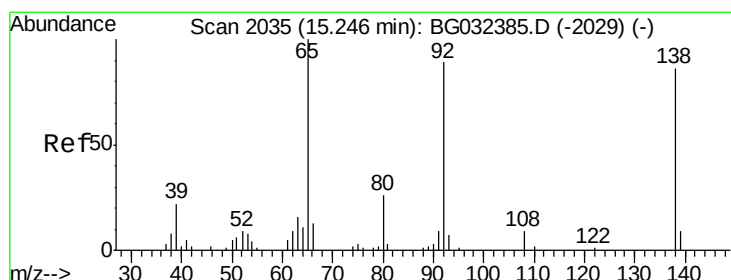
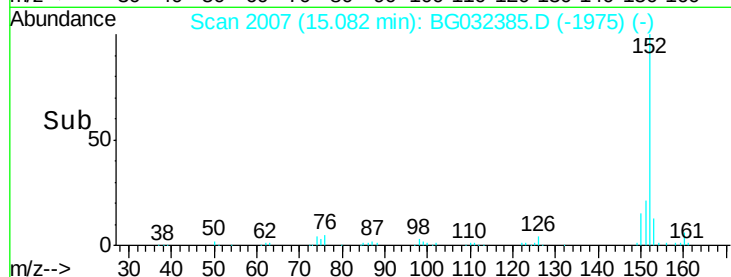
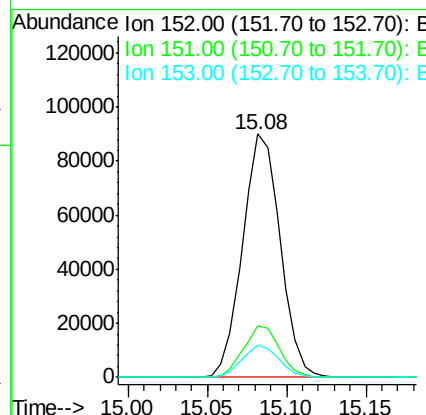
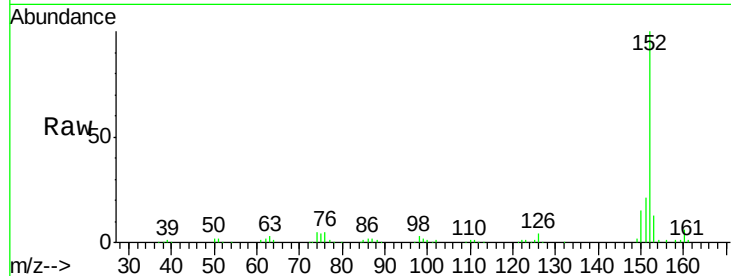
#47
Acenaphthylene
Concen: 20.205 ng/ul
RT: 15.08 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BG032385.D
Acq: 28 Jan 2018 12:46

Instrument :
BNA_G
ClientSampleId :
SSTD02084

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.1	24.1
153	13.1	10.8	16.2

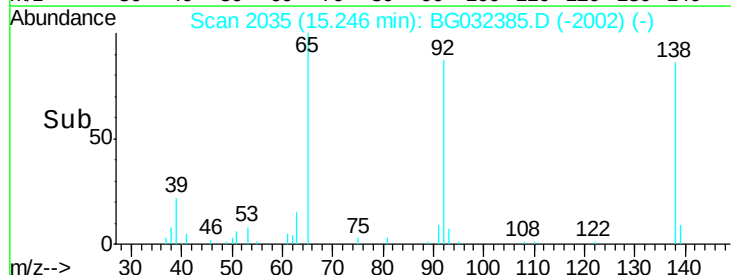
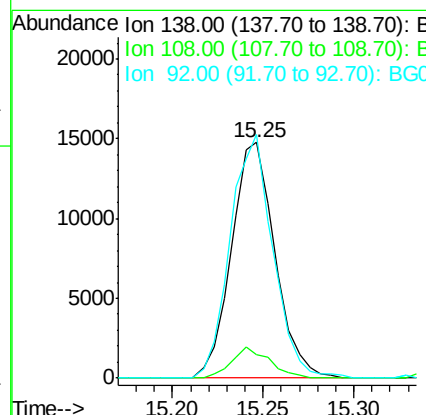
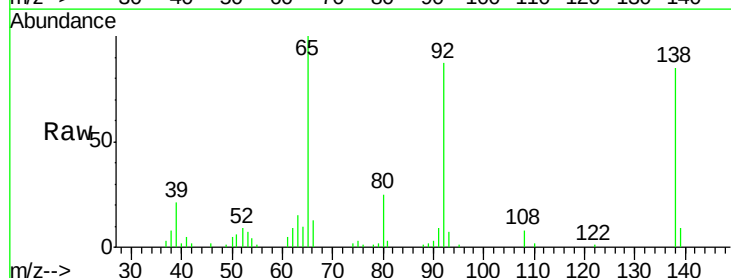
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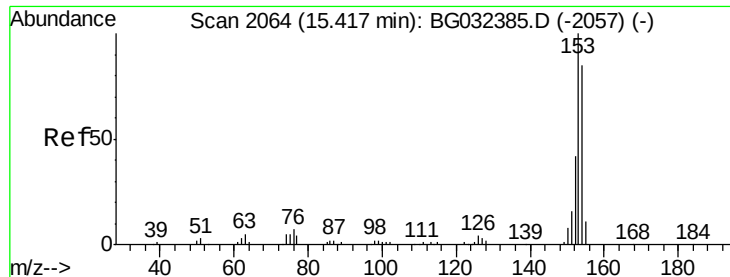
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#48
3-Nitroaniline
Concen: 25.052 ng/ul
RT: 15.25 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BG032385.D
Acq: 28 Jan 2018 12:46

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.0	7.6	11.4
92	103.2	94.2	141.2





#49

Acenaphthene

Concen: 20.141 ng/ul

RT: 15.42 min Scan# 2064

Delta R.T. -0.01 min

Lab File: BG032385.D

Acq: 28 Jan 2018 12:46

Instrument :

BNA_G

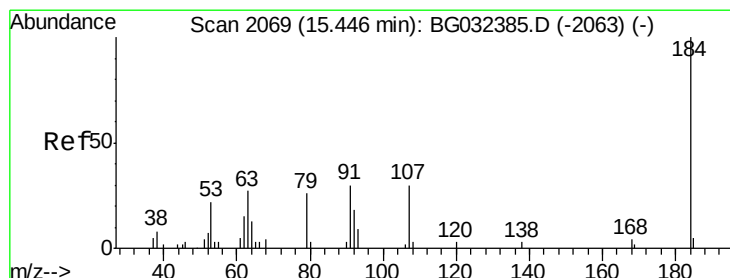
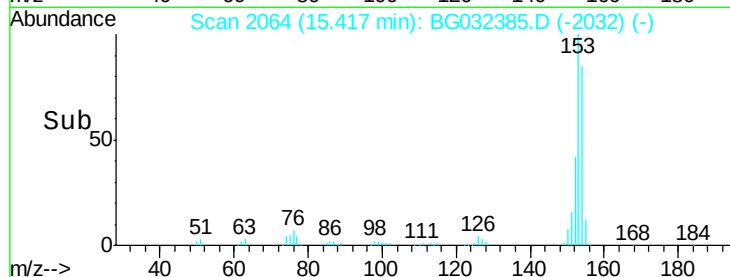
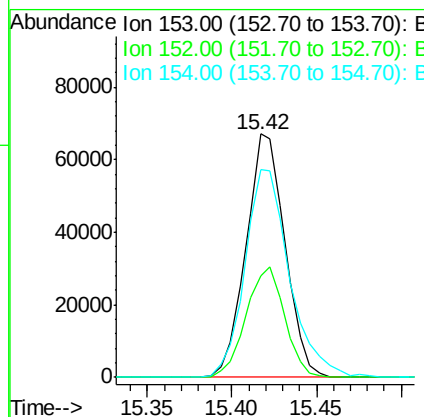
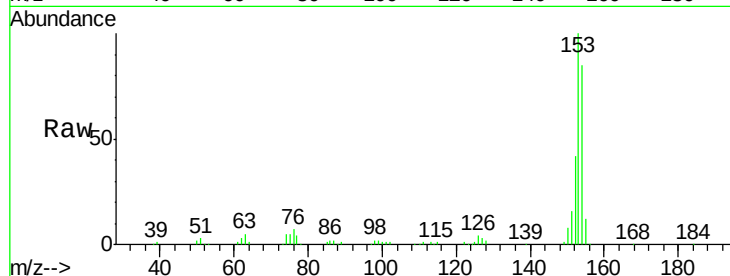
ClientSampleId :

SSTD02084

Tot Ion:	153	Resp:	107883
Ion Ratio	Lower	Upper	
153	100		
152	41.9	37.9	56.9
154	85.3	69.8	104.6

Manual Integrations
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#50

2,4-Dinitrophenol

Concen: 24.000 ng/ul

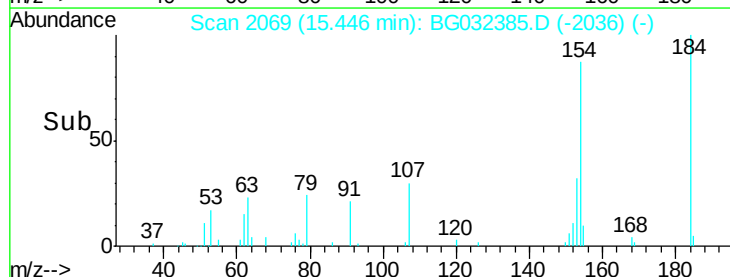
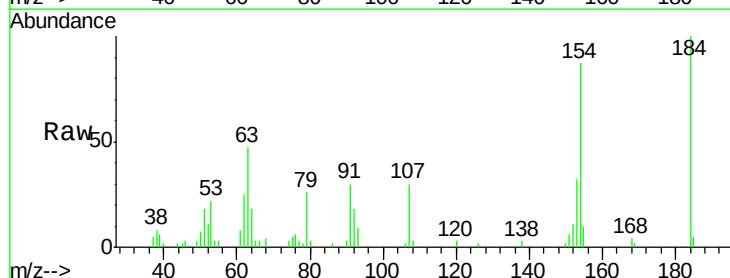
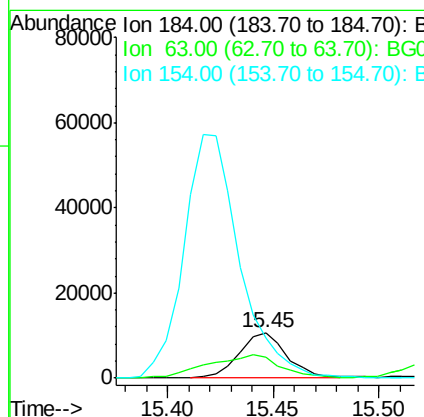
RT: 15.45 min Scan# 2069

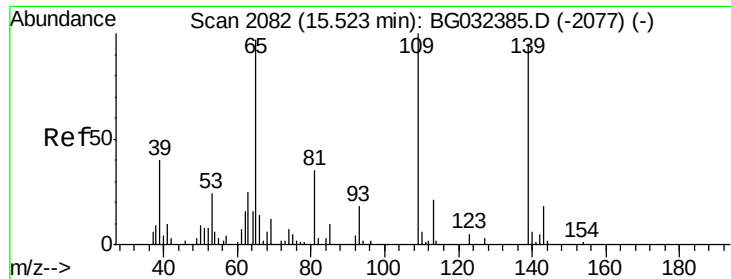
Delta R.T. -0.00 min

Lab File: BG032385.D

Acq: 28 Jan 2018 12:46

Tgt Ion:	184	Resp:	16688
Ion Ratio	Lower	Upper	
184	100		
63	46.9	39.7	59.5
154	87.0	45.0	67.6#





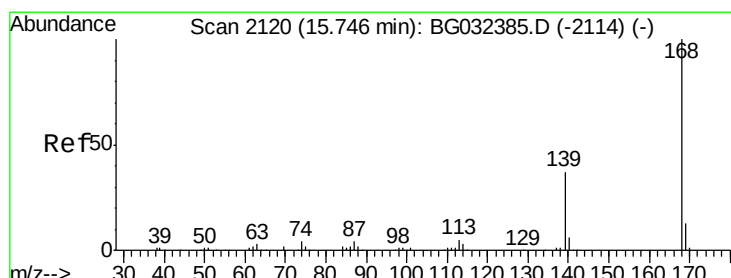
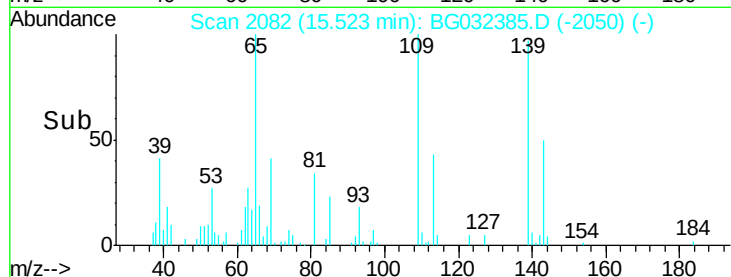
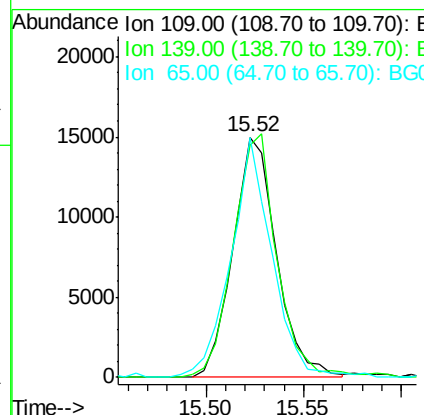
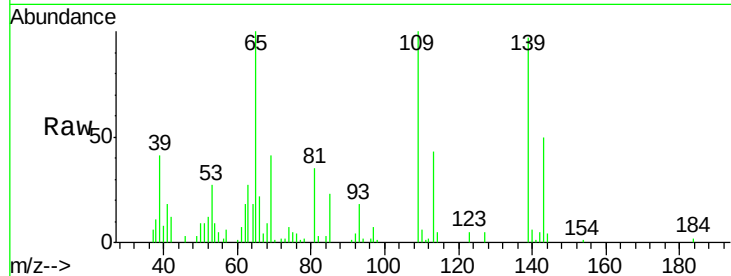
#52
4-Nitrophenol
Concen: 27.405 ng/ul
RT: 15.52 min Scan# 2082
Delta R.T. -0.01 min
Lab File: BG032385.D
Acq: 28 Jan 2018 12:46

Instrument :
BNA_G
ClientSampleId :
SSTD02084

Tot Ion	Ratio	Lower	Upper
109	100		
139	96.8	91.2	136.8
65	99.7	92.6	139.0

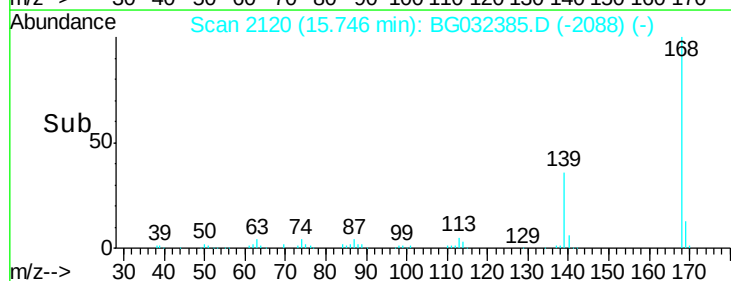
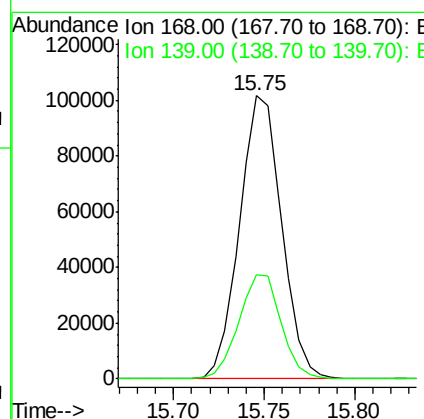
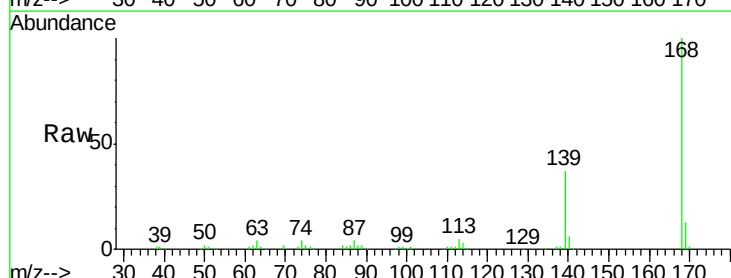
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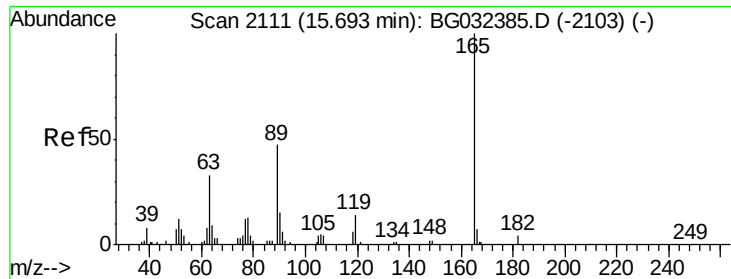
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#53
Dibenzofuran
Concen: 20.366 ng/ul
RT: 15.75 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BG032385.D
Acq: 28 Jan 2018 12:46

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.7	31.0	46.4





#54

2,4-Dinitrotoluene

Concen: 23.923 ng/ul

RT: 15.69 min Scan# 2111

Delta R.T. -0.00 min

Lab File: BG032385.D

Acq: 28 Jan 2018 12:46

Instrument :

BNA_G

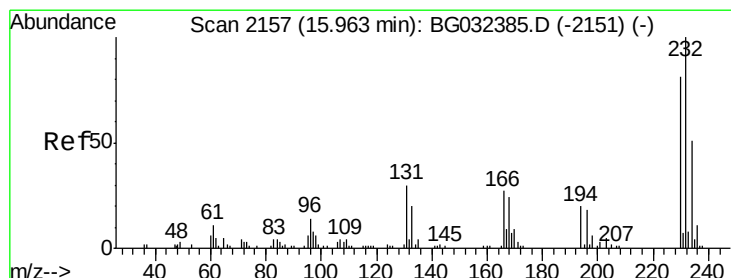
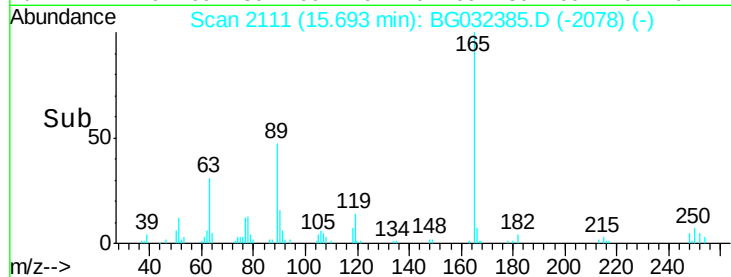
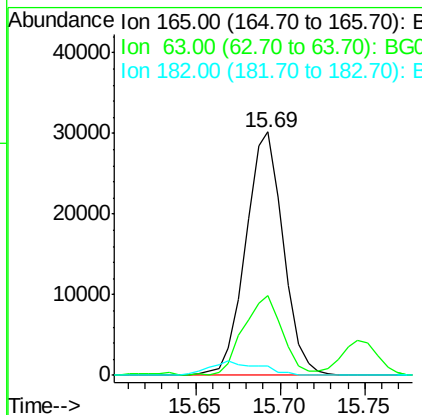
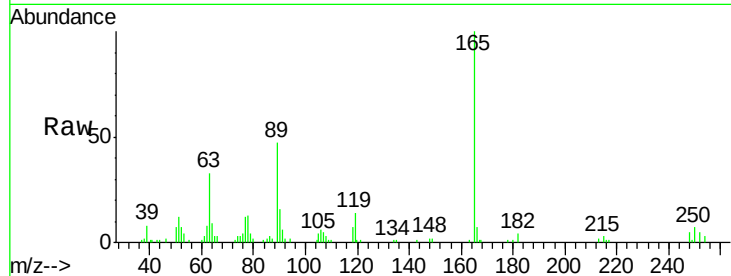
ClientSampleId :

SSTD02084

Tot Ion:	165	Resp:	46534
Ion Ratio	Lower	Upper	
165	100		
63	32.8	31.4	47.0
182	4.0	2.7	4.1

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#55

2,3,4,6-Tetrachlorophenol

Concen: 23.009 ng/ul

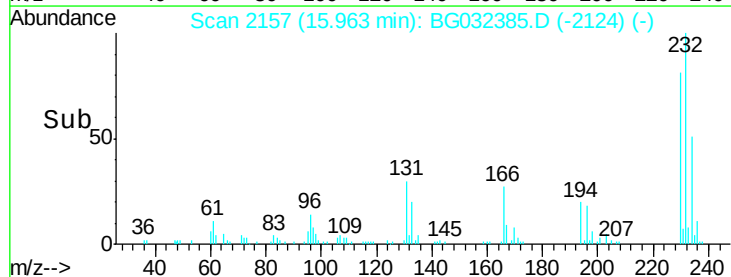
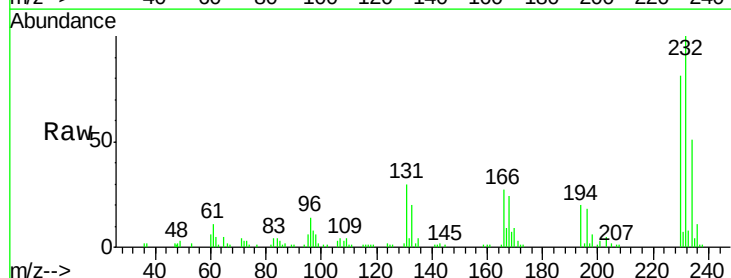
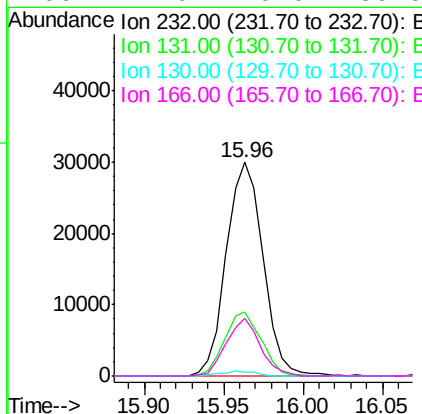
RT: 15.96 min Scan# 2157

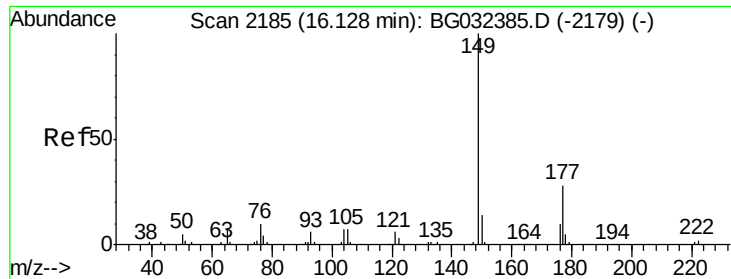
Delta R.T. -0.00 min

Lab File: BG032385.D

Acq: 28 Jan 2018 12:46

Tgt Ion:	232	Resp:	48132
Ion Ratio	Lower	Upper	
232	100		
131	30.0	27.1	40.7
130	1.9	0.0	0.0#
166	27.0	20.0	30.0





#56

Diethylphthalate

Concen: 22.435 ng/ul

RT: 16.13 min Scan# 2185

Delta R.T. -0.00 min

Lab File: BG032385.D

Acq: 28 Jan 2018 12:46

Instrument :

BNA_G

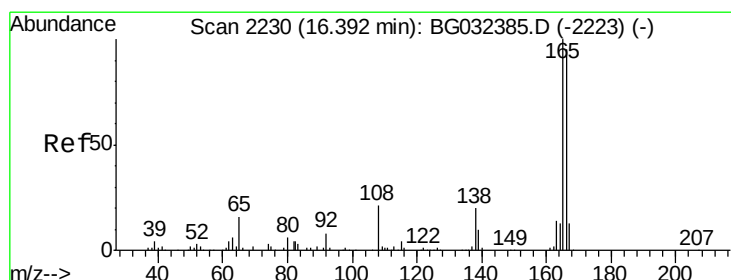
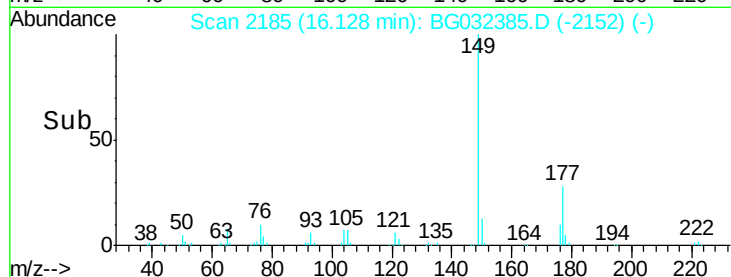
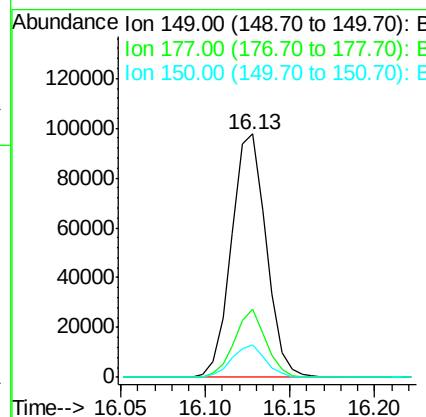
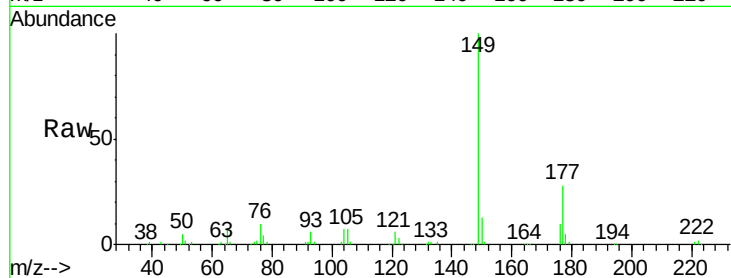
ClientSampled :

SSTD02084

Tot Ion:	149	Resp:	139907
Ion Ratio	Lower	Upper	
149	100		
177	28.0	19.3	28.9
150	13.5	10.6	15.8

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#58

Fluorene

Concen: 21.050 ng/ul

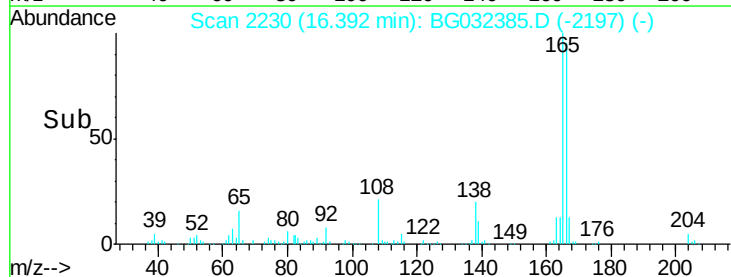
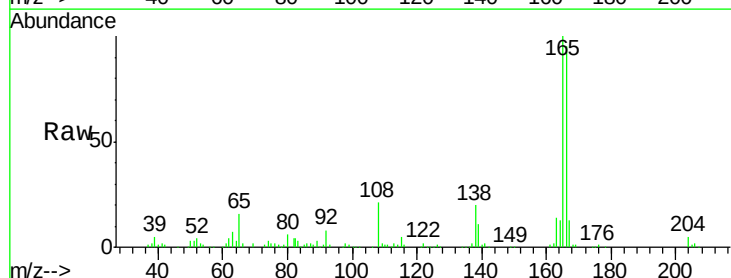
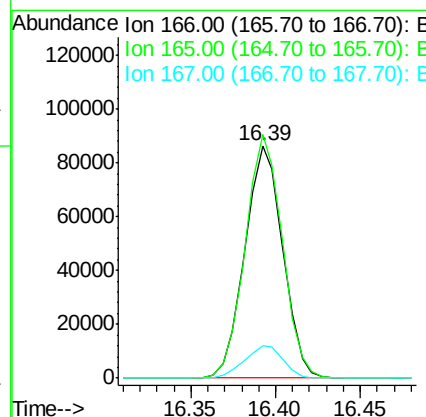
RT: 16.39 min Scan# 2230

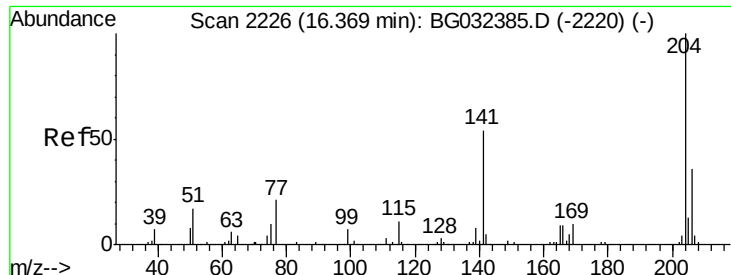
Delta R.T. -0.00 min

Lab File: BG032385.D

Acq: 28 Jan 2018 12:46

Tgt Ion:	166	Resp:	134640
Ion Ratio	Lower	Upper	
166	100		
165	104.8	78.4	117.6
167	13.7	11.1	16.7





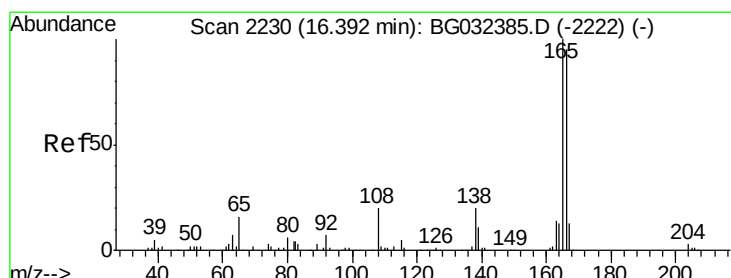
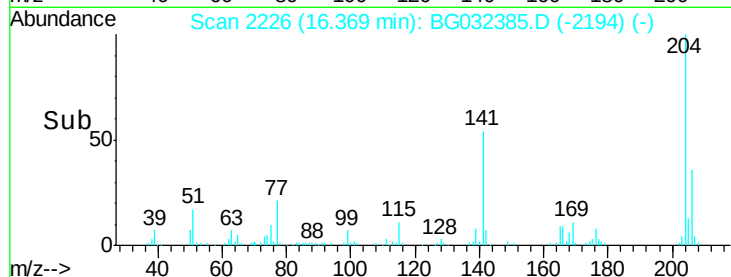
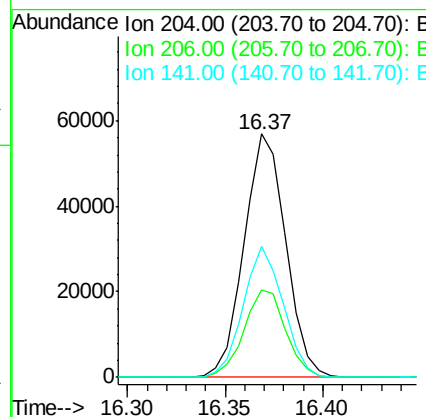
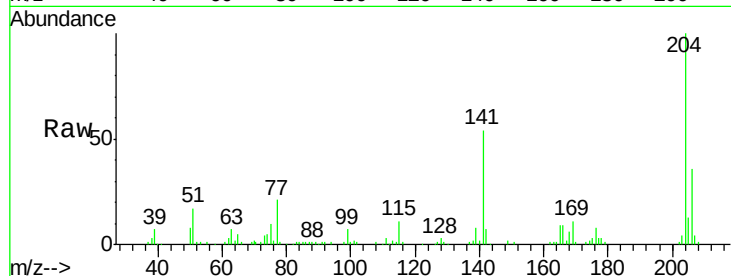
#59
4-Chlorophenyl-phenylether
Concen: 20.822 ng/ul
RT: 16.37 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BG032385.D
Acq: 28 Jan 2018 12:46

Instrument :
BNA_G
ClientSampled :
SSTD02084

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.9	26.6	40.0
141	53.6	40.7	61.1

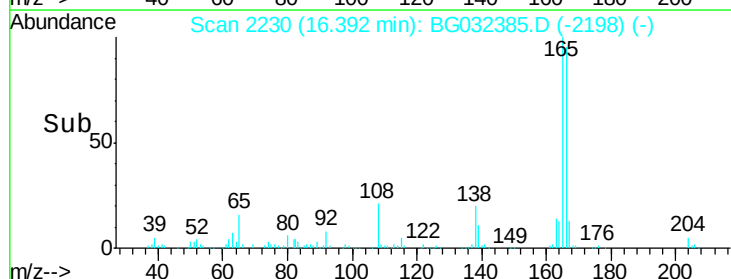
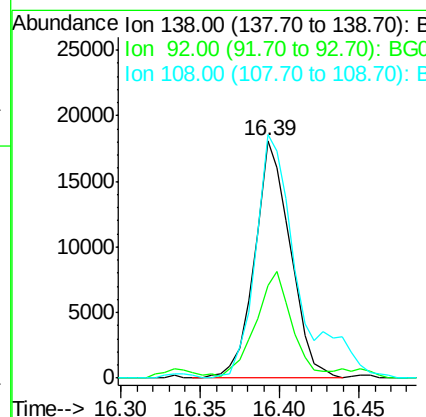
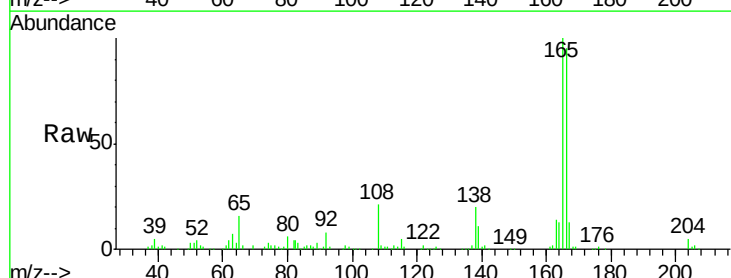
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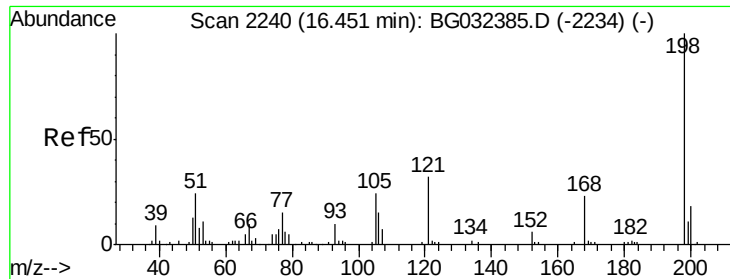
Sohil
1/29/2018 5:49:53 PM



#60
4-Nitroaniline
Concen: 24.943 ng/ul
RT: 16.39 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BG032385.D
Acq: 28 Jan 2018 12:46

Tgt Ion	Ratio	Lower	Upper
138	100		
92	38.8	38.2	57.4
108	102.5	70.0	105.0





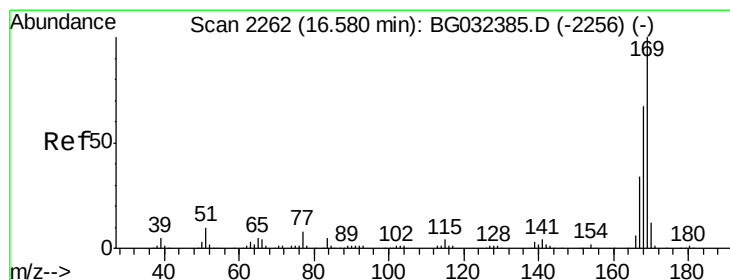
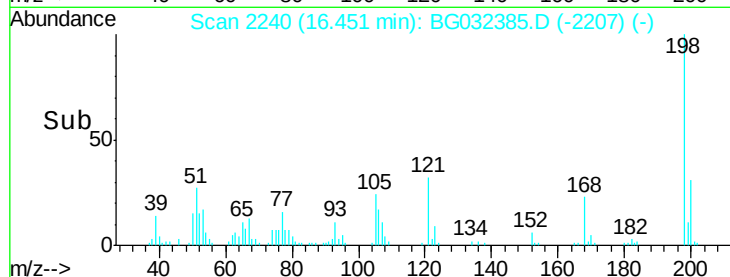
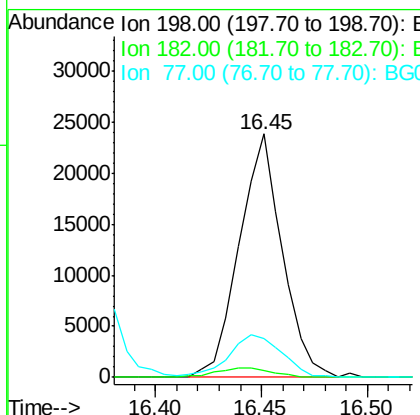
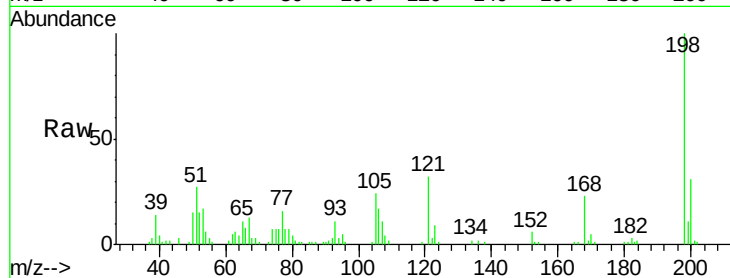
#63
 4,6-Dinitro-2-methylphenol
 Concen: 22.143 ng/ul
 RT: 16.45 min Scan# 2240
 Delta R.T. -0.00 min
 Lab File: BG032385.D
 Acq: 28 Jan 2018 12:46

Instrument :
 BNA_G
 ClientSampleId :
 SST02084

Tot Ion	Ratio	Lower	Upper
198	100		
182	2.8	3.5	5.3#
77	16.0	18.2	27.4#

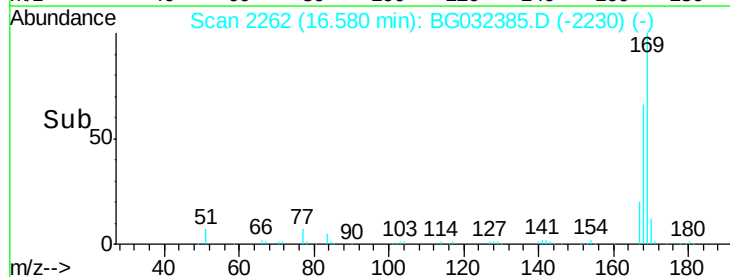
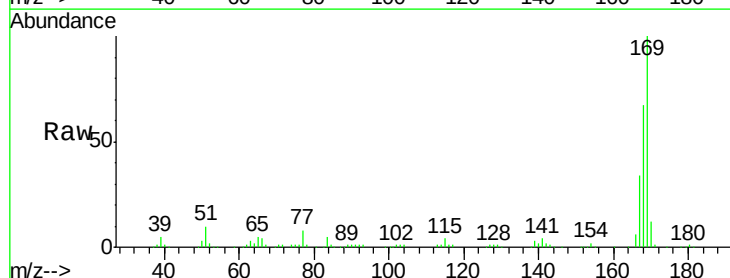
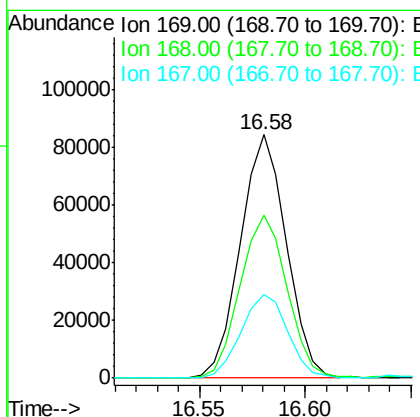
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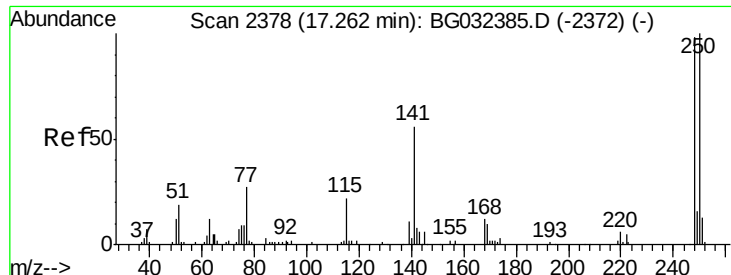
Sohil
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#64
 N-Nitrosodiphenylamine
 Concen: 18.914 ng/ul
 RT: 16.58 min Scan# 2262
 Delta R.T. -0.01 min
 Lab File: BG032385.D
 Acq: 28 Jan 2018 12:46

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.2	53.8	80.8
167	34.4	29.5	44.3





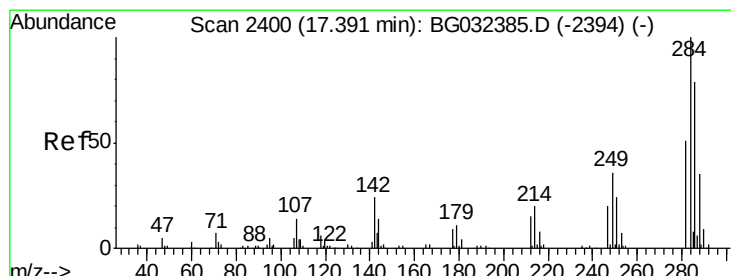
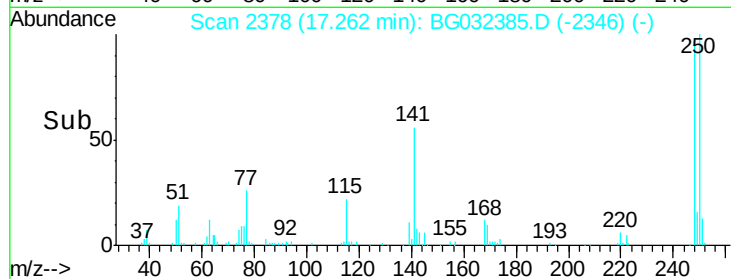
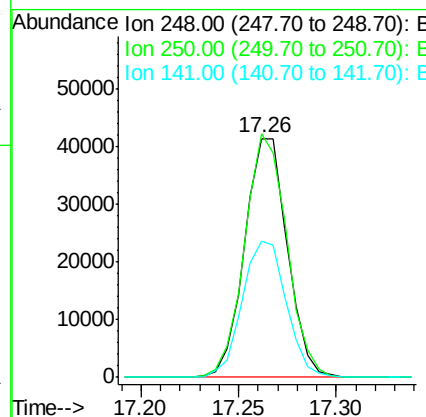
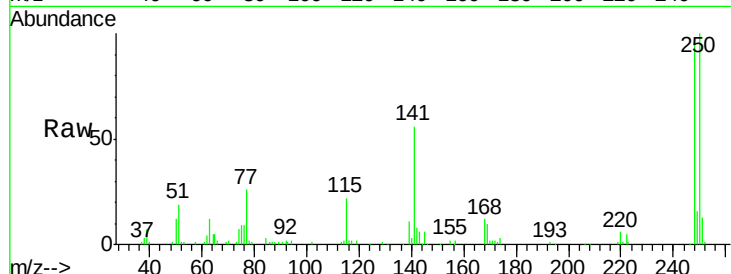
#65
4-Bromophenyl-phenylether
Concen: 18.480 ng/ul
RT: 17.26 min Scan# 2378
Delta R.T. -0.01 min
Lab File: BG032385.D
Acq: 28 Jan 2018 12:46

Instrument :
BNA_G
ClientSampled :
SSTD02084

Tot Ion	Ratio	Lower	Upper
248	100		
250	102.0	79.0	118.4
141	57.3	51.9	77.9

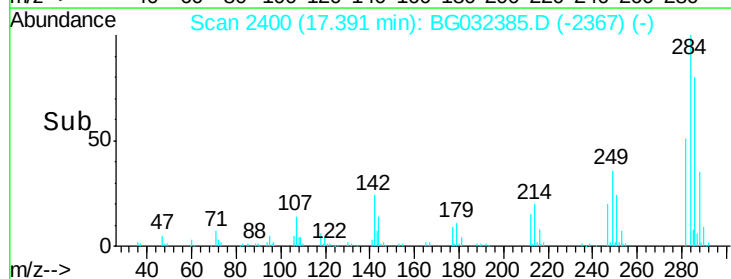
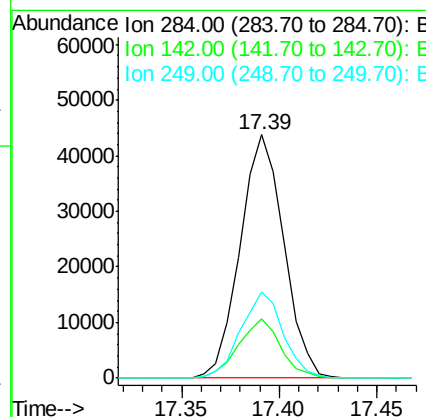
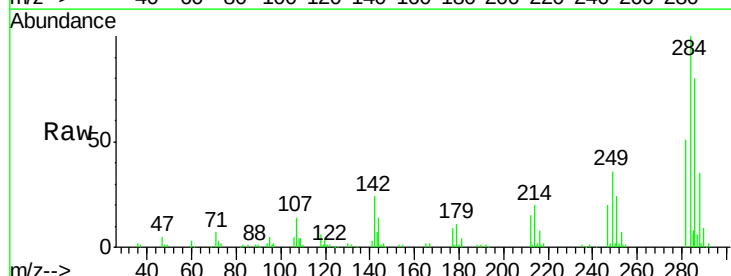
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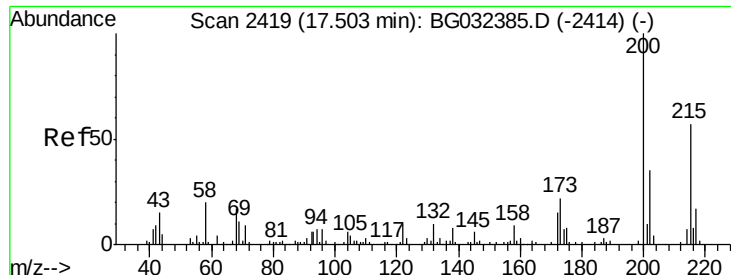
Sohil
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#66
Hexachlorobenzene
Concen: 19.245 ng/ul
RT: 17.39 min Scan# 2400
Delta R.T. -0.00 min
Lab File: BG032385.D
Acq: 28 Jan 2018 12:46

Tgt Ion	Ratio	Lower	Upper
284	100		
142	24.5	21.3	31.9
249	35.5	26.3	39.5





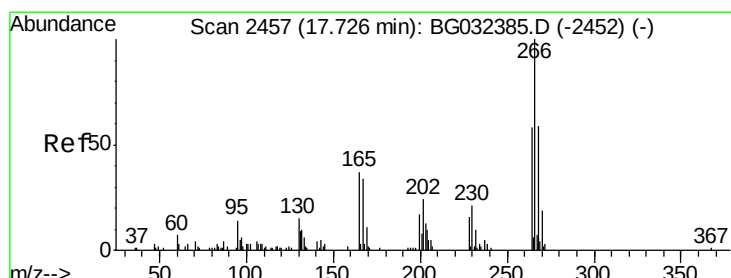
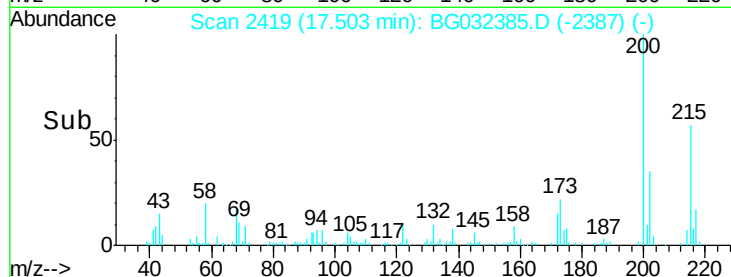
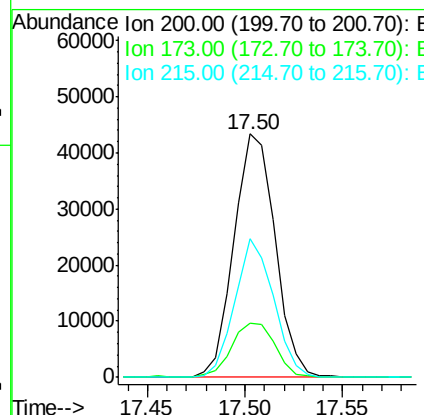
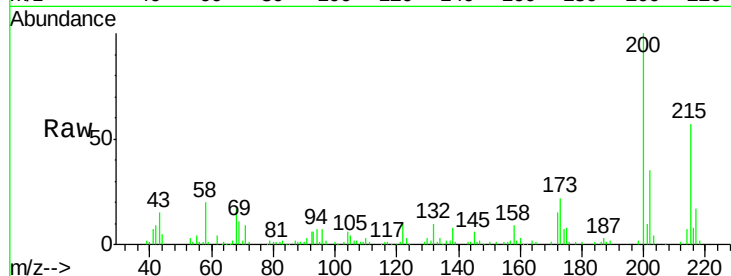
#67
Atrazine
Concen: 21.020 ng/ul
RT: 17.50 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BG032385.D
Acq: 28 Jan 2018 12:46

Instrument :
BNA_G
ClientSampleId :
SSTD02084

Tot Ion	Ratio	Lower	Upper
200	100		
173	22.4	20.6	31.0
215	56.7	39.8	59.6

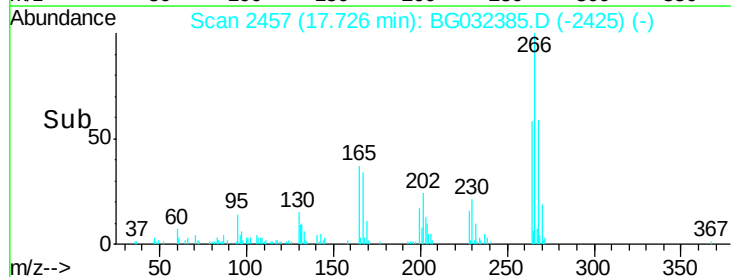
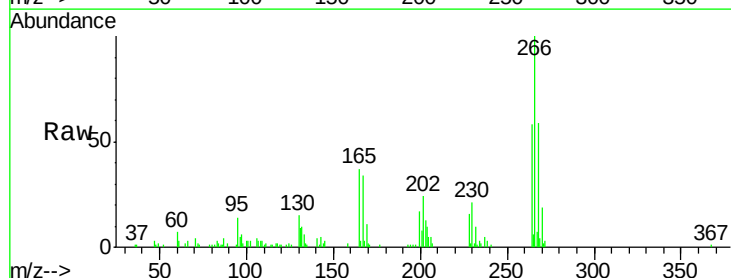
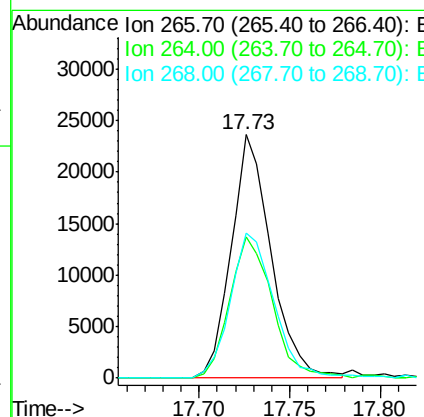
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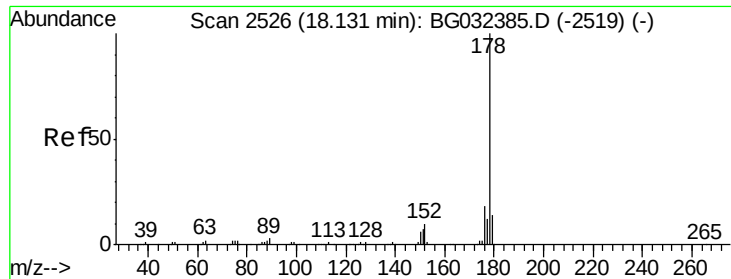
Sohil
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#68
Pentachlorophenol
Concen: 20.506 ng/ul
RT: 17.73 min Scan# 2457
Delta R.T. -0.01 min
Lab File: BG032385.D
Acq: 28 Jan 2018 12:46

Tgt Ion	Ratio	Lower	Upper
266	100		
264	58.0	48.2	72.4
268	59.3	52.3	78.5





#69

Phenanthrene

Concen: 19.829 ng/ul

RT: 18.13 min Scan# 2526

Delta R.T. -0.00 min

Lab File: BG032385.D

Acq: 28 Jan 2018 12:46

Instrument :

BNA_G

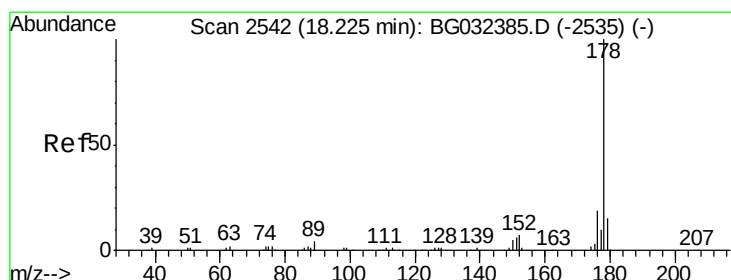
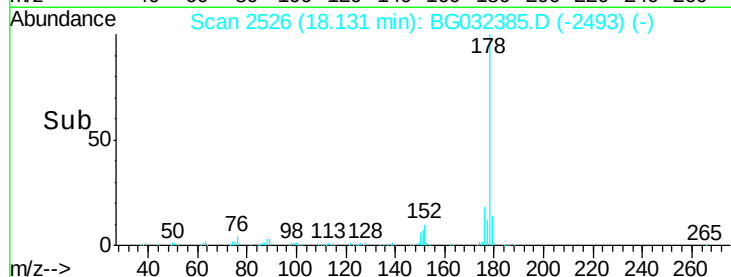
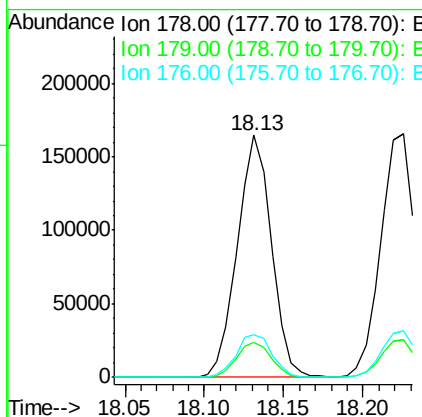
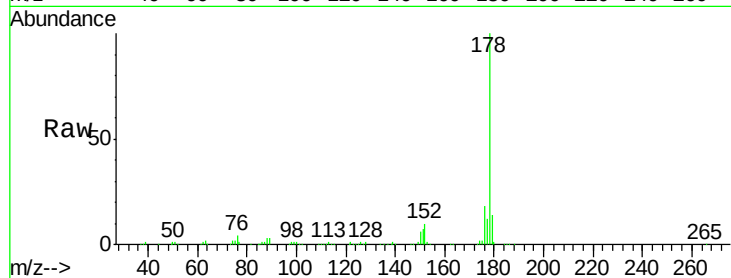
ClientSampleId :

SSTD02084

Tot Ion:	178	Resp:	246230
Ion Ratio	Lower	Upper	
178	100		
179	14.5	12.3	18.5
176	17.6	15.4	23.0

Manual Integrations
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#71

Anthracene

Concen: 19.917 ng/ul

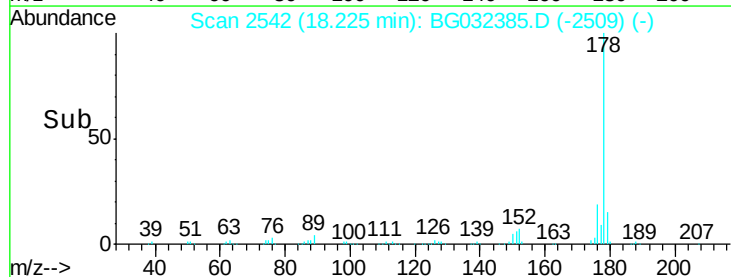
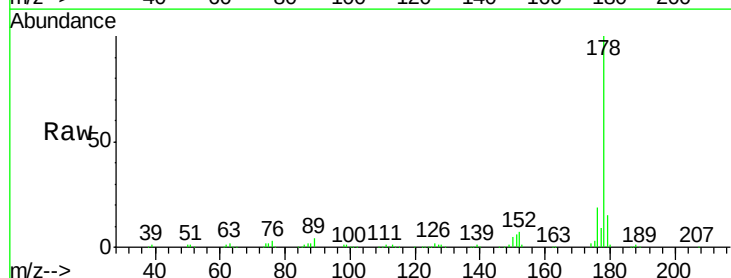
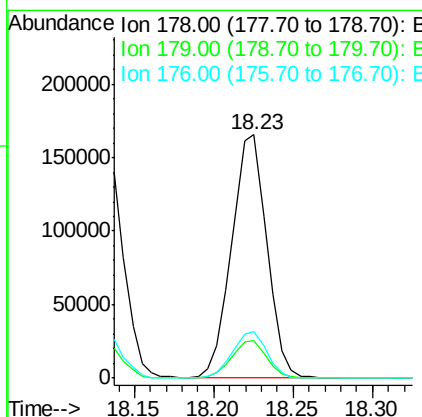
RT: 18.23 min Scan# 2542

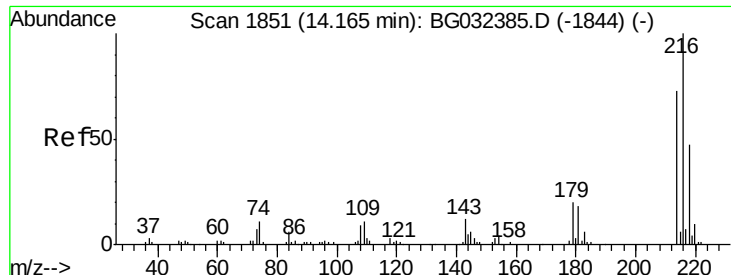
Delta R.T. -0.00 min

Lab File: BG032385.D

Acq: 28 Jan 2018 12:46

Tgt Ion:	178	Resp:	253775
Ion Ratio	Lower	Upper	
178	100		
179	15.2	13.4	20.2
176	19.0	15.4	23.0





#72

1,2,3,4-Tetrachlorobenzene

Concen: 16.272 ng/uL

RT: 14.17 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BG032385.D

Acq: 28 Jan 2018 12:46

Instrument :

BNA_G

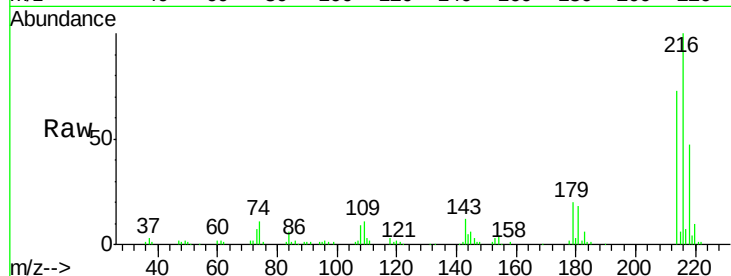
ClientSampleId :

SSTD02084

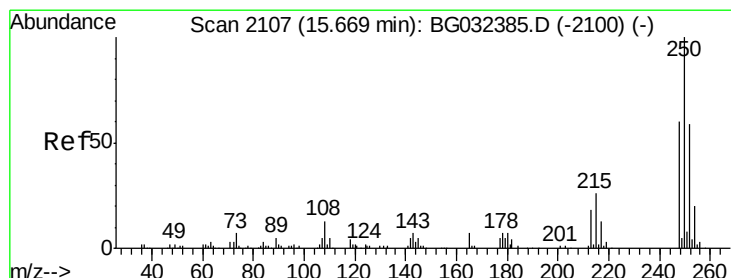
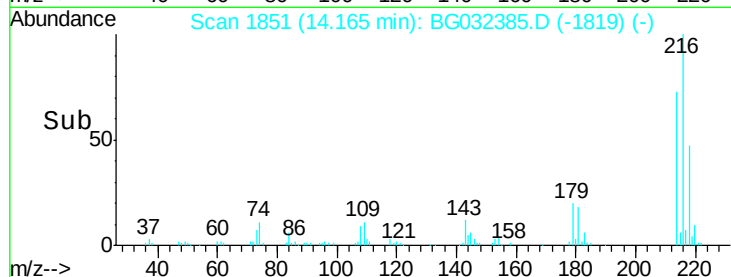
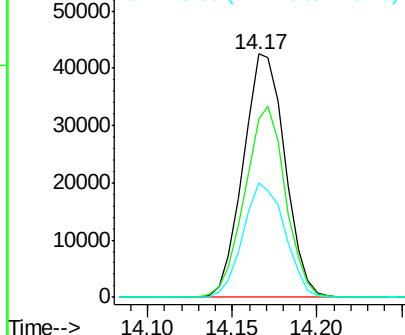
Tot Ion:	216	Resp:	73124
Ion Ratio	Lower	Upper	
216	100		
214	73.5	64.1	96.1
218	47.1	39.4	59.0

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Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 218.00 (217.70 to 218.70): E



#73

Pentachlorobenzene

Concen: 17.307 ng/uL

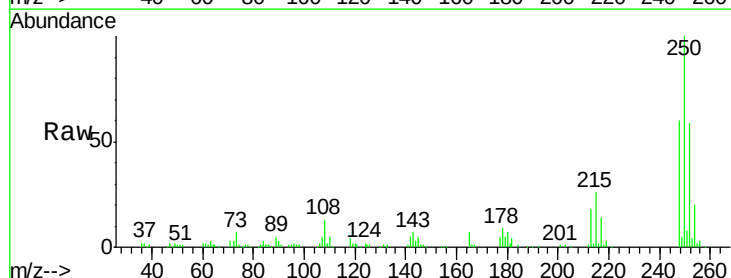
RT: 15.67 min Scan# 2107

Delta R.T. -0.00 min

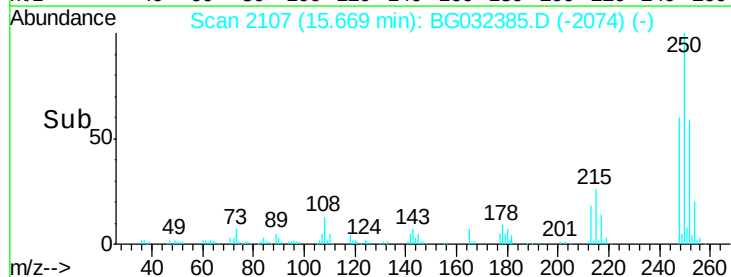
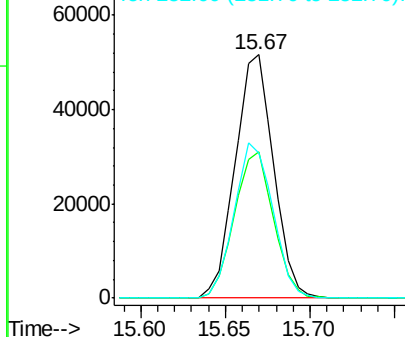
Lab File: BG032385.D

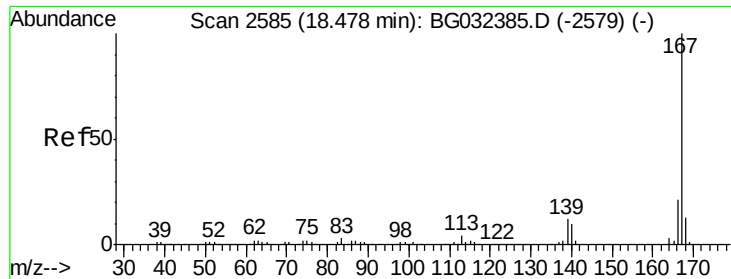
Acq: 28 Jan 2018 12:46

Tgt Ion:	250	Resp:	81761
Ion Ratio	Lower	Upper	
250	100		
248	60.2	51.4	77.2
252	59.5	49.8	74.6



Abundance Ion 250.00 (249.70 to 250.70): E
Ion 248.00 (247.70 to 248.70): E
Ion 252.00 (251.70 to 252.70): E





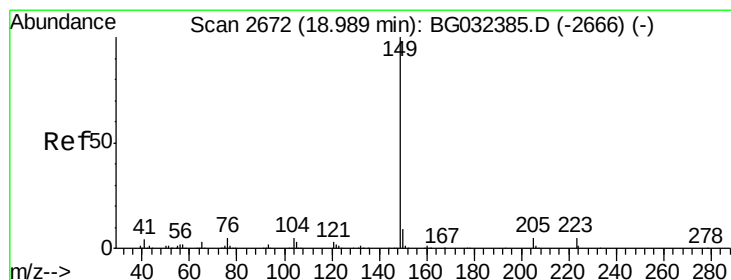
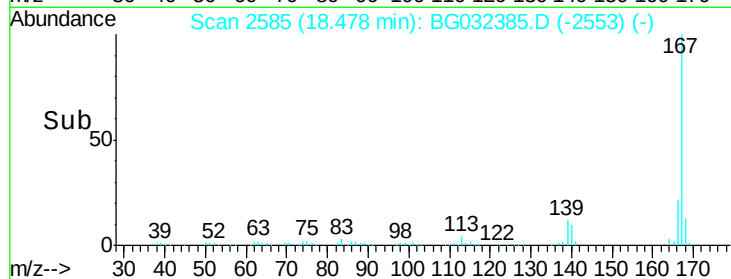
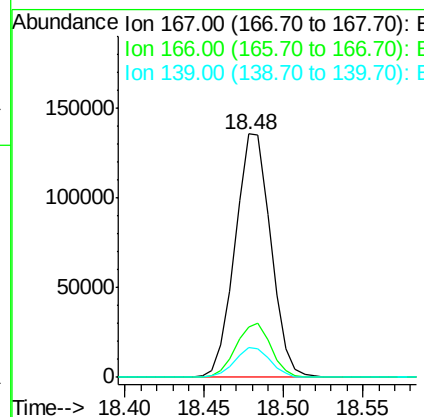
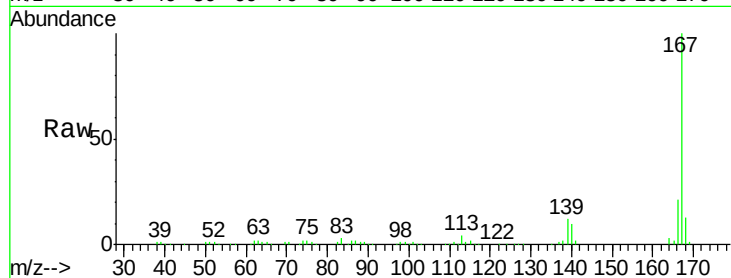
#74
 Carbazole
 Concen: 21.507 ng/ul
 RT: 18.48 min Scan# 2585
 Delta R.T. -0.01 min
 Lab File: BG032385.D
 Acq: 28 Jan 2018 12:46

Instrument :
 BNA_G
 ClientSampleId :
 SST02084

Tot Ion	Ratio	Lower	Upper
167	100		
166	20.8	17.0	25.4
139	12.2	9.1	13.7

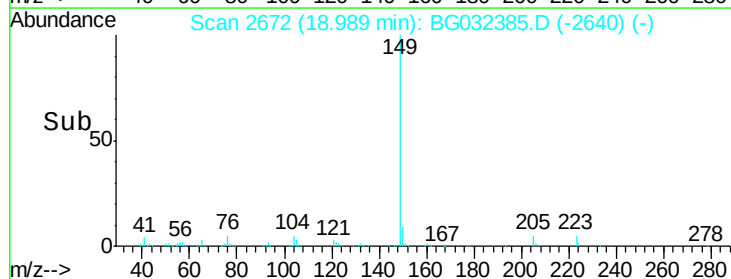
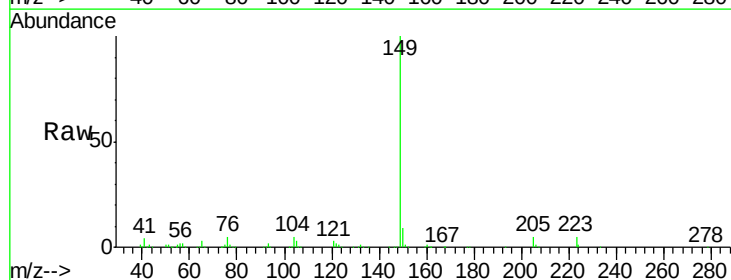
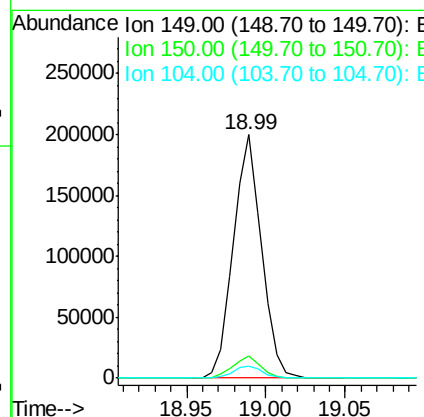
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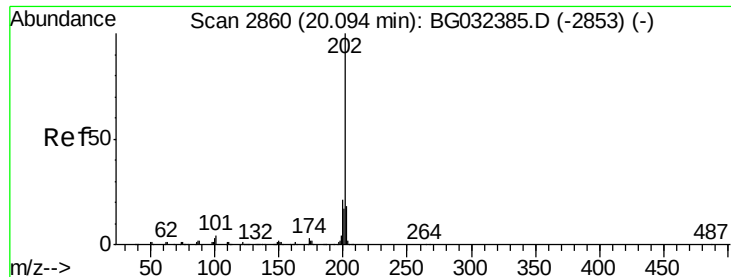
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#75
 Di-n-butylphthalate
 Concen: 21.121 ng/ul
 RT: 18.99 min Scan# 2672
 Delta R.T. -0.01 min
 Lab File: BG032385.D
 Acq: 28 Jan 2018 12:46

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.5	11.3
104	5.1	4.1	6.1





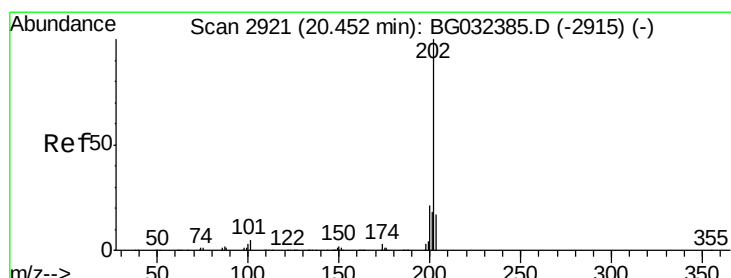
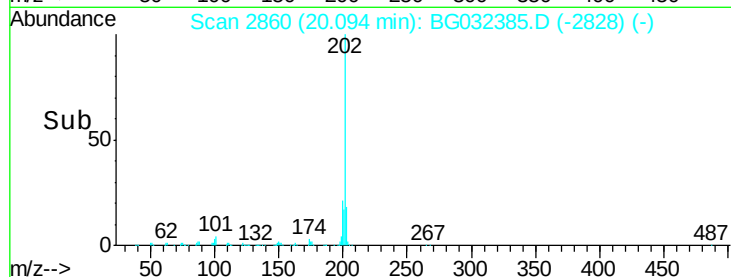
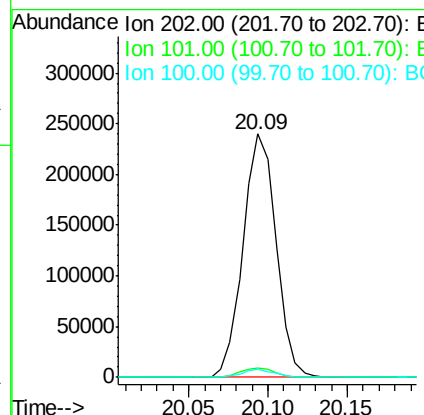
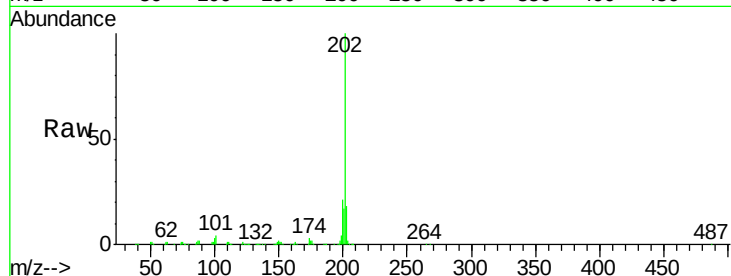
#76
Fluoranthene
Concen: 22.674 ng/ul
RT: 20.09 min Scan# 2860
Delta R.T. -0.01 min
Lab File: BG032385.D
Acq: 28 Jan 2018 12:46

Instrument :
BNA_G
ClientSampleId :
SSTD02084

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	4.1	6.1	9.1#
100	3.5	4.6	7.0#

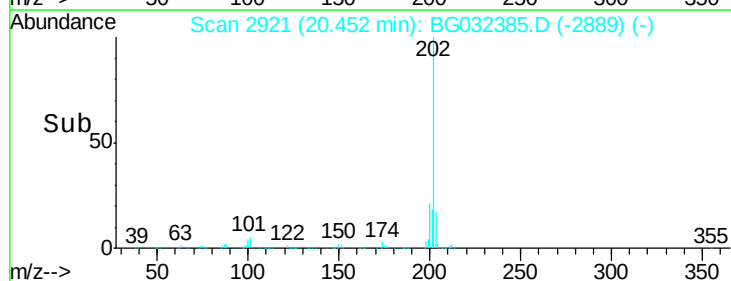
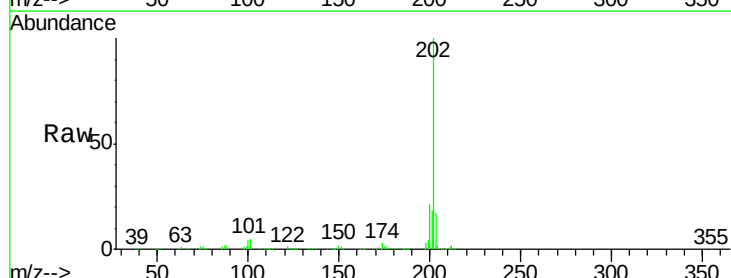
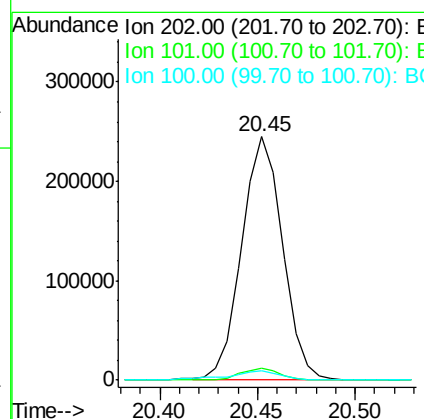
Manual Integrations
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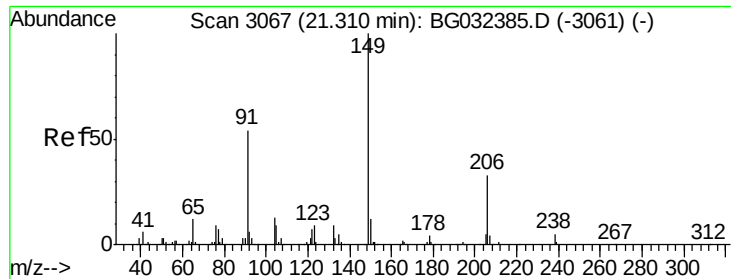
Sohil
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#79
Pyrene
Concen: 19.907 ng/ul
RT: 20.45 min Scan# 2921
Delta R.T. -0.01 min
Lab File: BG032385.D
Acq: 28 Jan 2018 12:46

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	4.7	6.9	10.3#
100	4.0	5.6	8.4#





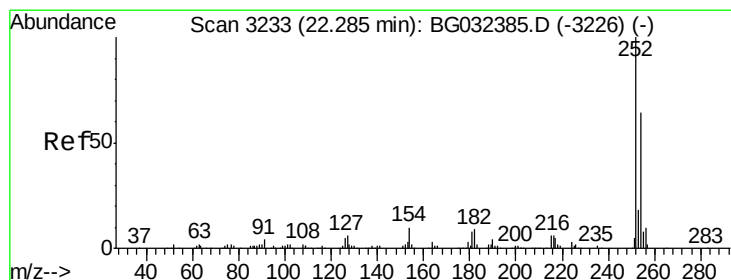
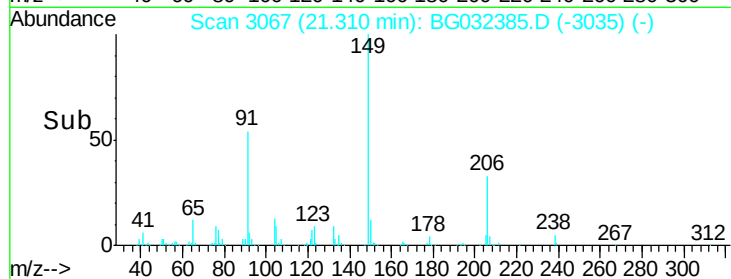
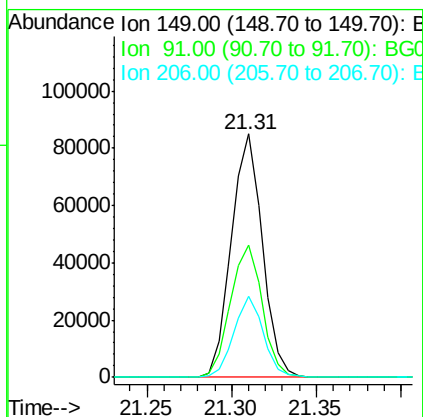
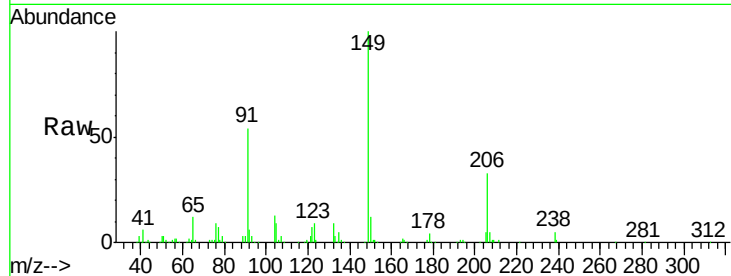
#80
Butylbenzylphthalate
Concen: 18.825 ng/ul
RT: 21.31 min Scan# 3067
Delta R.T. -0.01 min
Lab File: BG032385.D
Acq: 28 Jan 2018 12:46

Instrument :
BNA_G
ClientSampleId :
SSTD02084

Tot Ion	Ratio	Lower	Upper
149	100		
91	54.5	53.4	80.0
206	33.4	19.3	28.9

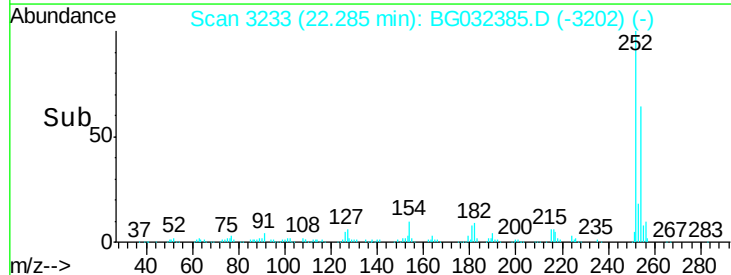
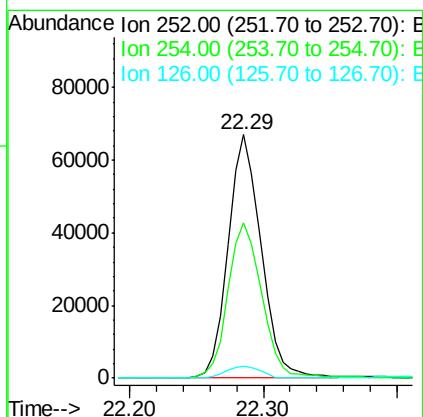
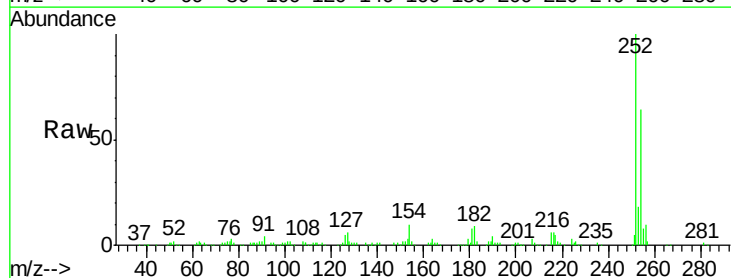
Manual Integrations
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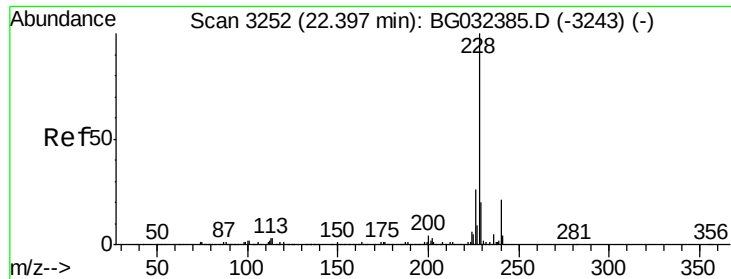
Sohil
1/29/2018 5:49:53 PM



#81
3,3'-Dichlorobenzidine
Concen: 23.025 ng/ul
RT: 22.29 min Scan# 3233
Delta R.T. -0.02 min
Lab File: BG032385.D
Acq: 28 Jan 2018 12:46

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.0	52.8	79.2
126	4.9	6.9	10.3





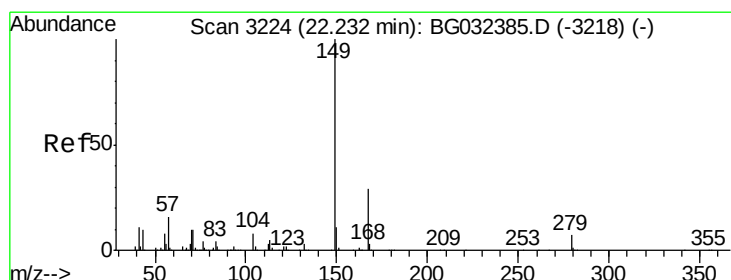
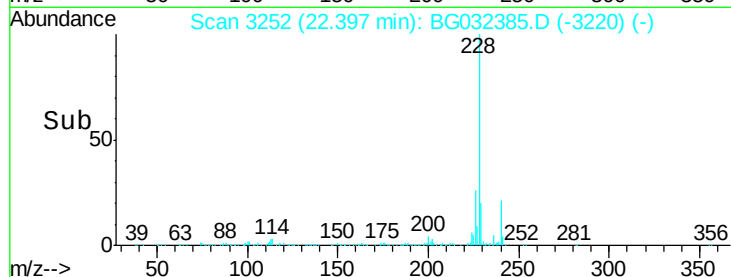
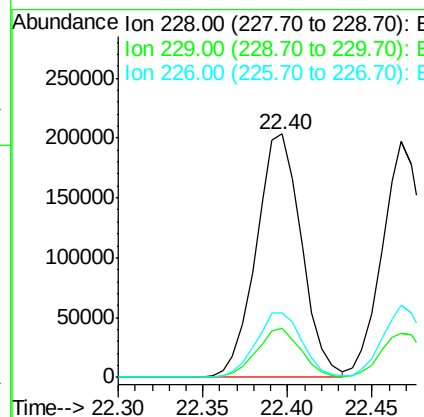
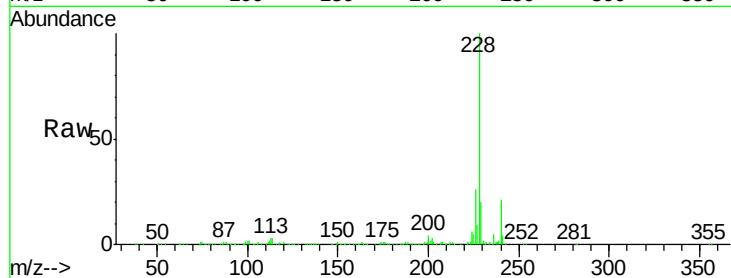
#82
Benzo(a)anthracene
Concen: 19.946 ng/ul
RT: 22.40 min Scan# 3252
Delta R.T. -0.01 min
Lab File: BG032385.D
Acq: 28 Jan 2018 12:46

Instrument :
BNA_G
ClientSampled :
SSTD02084

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.1	16.0	24.0
226	26.3	21.8	32.8

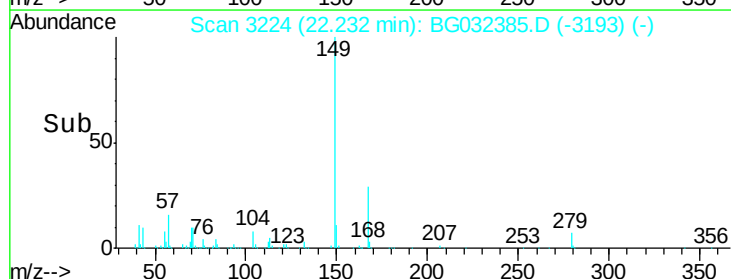
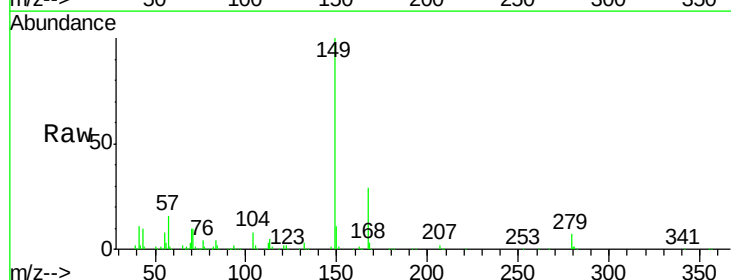
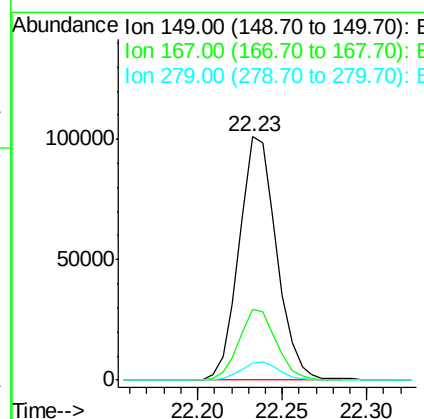
Manual Integrations
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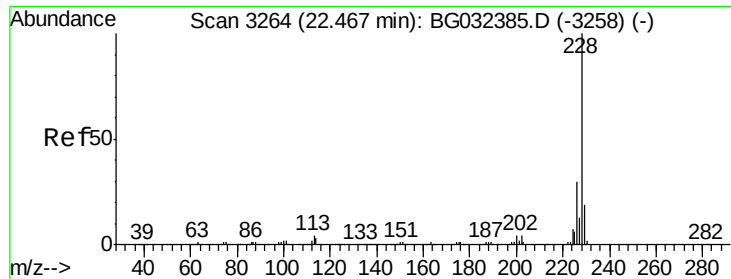
Sohil
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#83
Bis(2-ethylhexyl)phthalate
Concen: 18.982 ng/ul
RT: 22.23 min Scan# 3224
Delta R.T. -0.02 min
Lab File: BG032385.D
Acq: 28 Jan 2018 12:46

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.1	23.0	34.6
279	7.2	4.3	6.5#





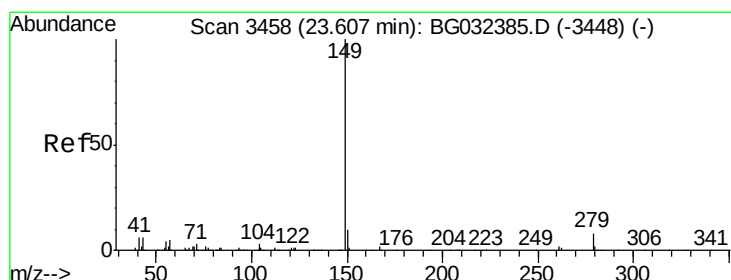
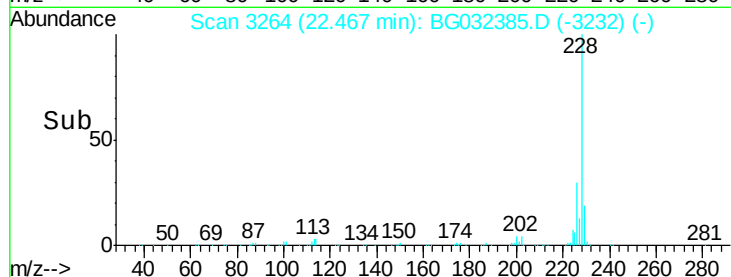
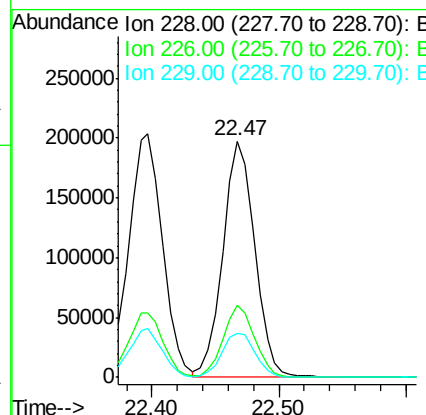
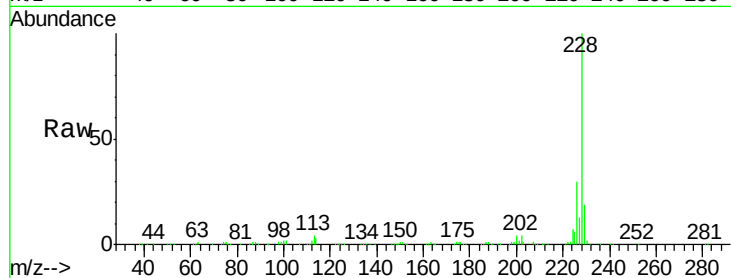
#84
 Chrysene
 Concen: 20.014 ng/ul
 RT: 22.47 min Scan# 3264
 Delta R.T. -0.01 min
 Lab File: BG032385.D
 Acq: 28 Jan 2018 12:46

Instrument :
 BNA_G
 ClientSampleId :
 SST02084

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.1	36.1
229	18.7	16.0	24.0

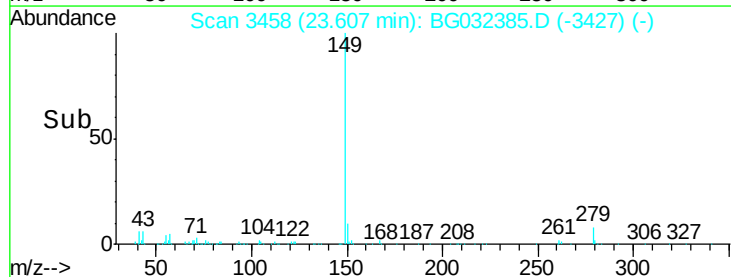
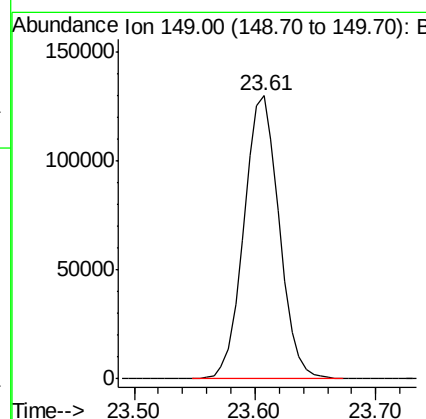
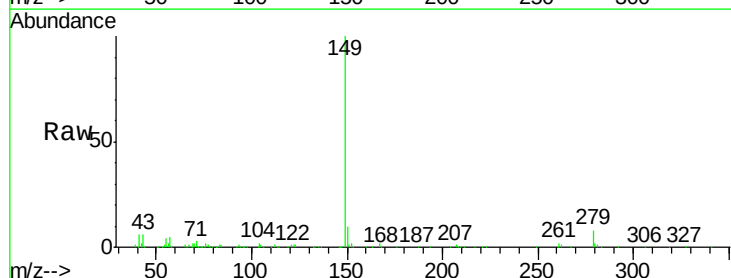
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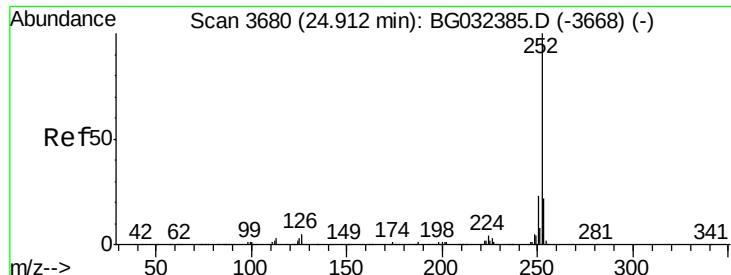
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#86
 Di-n-octyl phthalate
 Concen: 18.731 ng/ul
 RT: 23.61 min Scan# 3458
 Delta R.T. -0.02 min
 Lab File: BG032385.D
 Acq: 28 Jan 2018 12:46

Tgt Ion:149 Resp: 263427





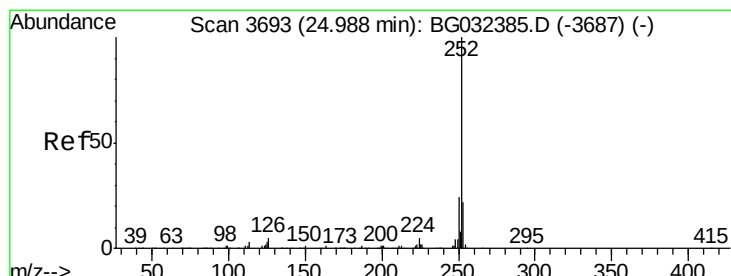
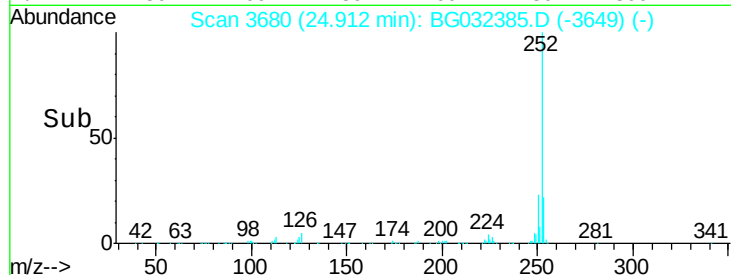
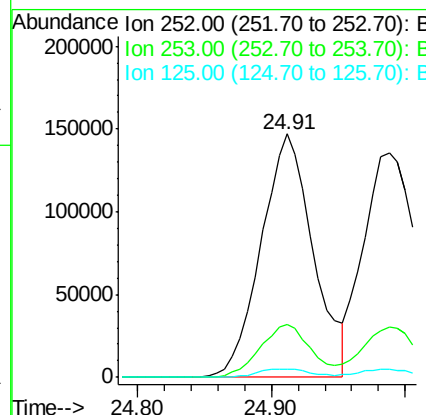
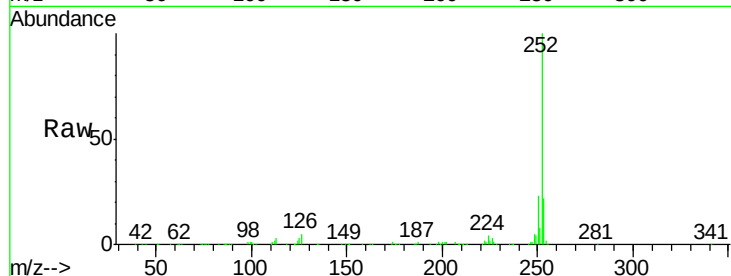
#87
Benzo(b)fluoranthene
Concen: 19.959 ng/ul
RT: 24.91 min Scan# 3680
Delta R.T. -0.02 min
Lab File: BG032385.D
Acq: 28 Jan 2018 12:46

Instrument :
BNA_G
ClientSampleId :
SSTD02084

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.4	26.0
125	3.4	4.9	7.3

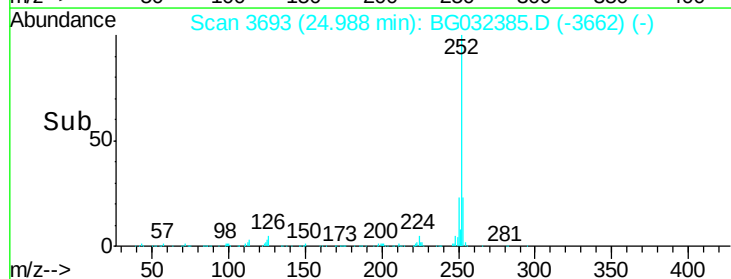
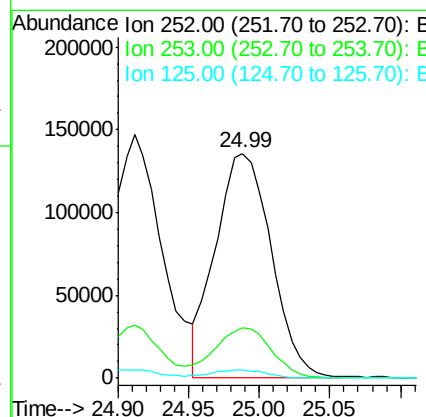
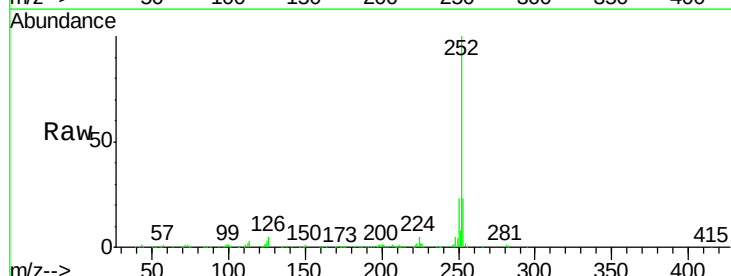
Manual Integrations
APPROVED

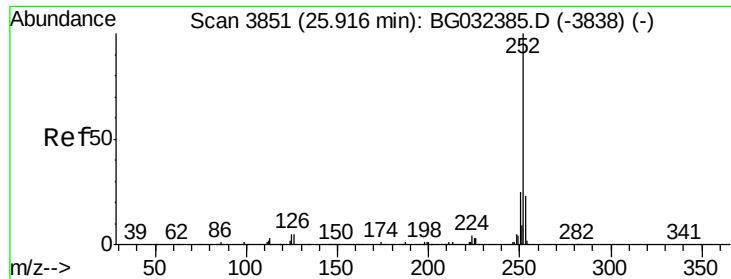
Sohil
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#88
Benzo(k)fluoranthene
Concen: 19.015 ng/ul
RT: 24.99 min Scan# 3693
Delta R.T. -0.02 min
Lab File: BG032385.D
Acq: 28 Jan 2018 12:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.1	25.7
125	3.4	5.4	8.0





#90

Benzo(a)pyrene

Concen: 19.678 ng/ul m

RT: 25.92 min Scan# 3851

Delta R.T. -0.02 min

Lab File: BG032385.D

Acq: 28 Jan 2018 12:46

Instrument :

BNA_G

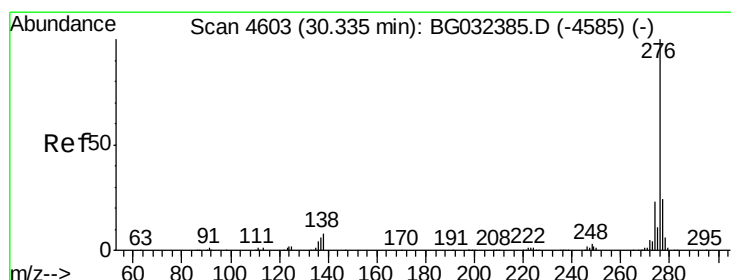
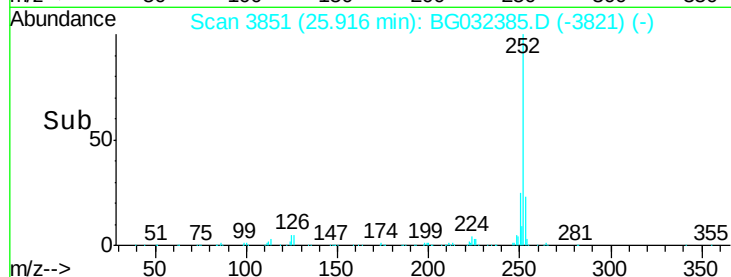
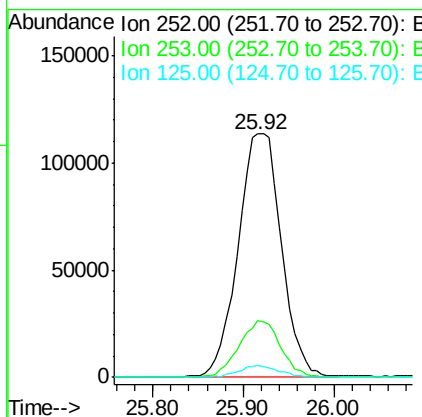
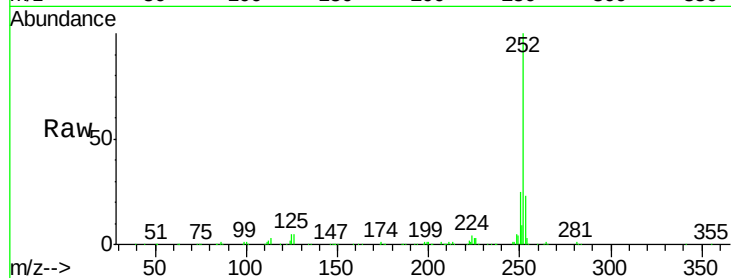
ClientSampleId :

SSTD02084

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.2	25.8
125	4.7	5.8	8.6#

Manual Integrations
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#91

Indeno(1,2,3-cd)pyrene

Concen: 20.535 ng/ul

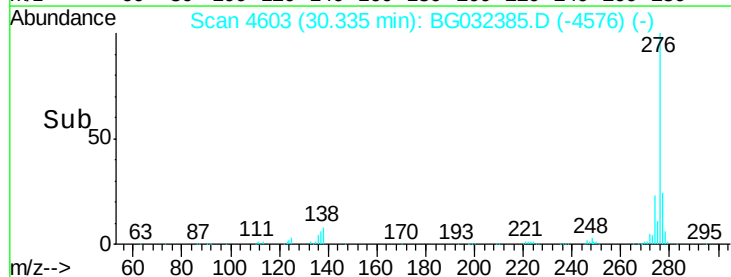
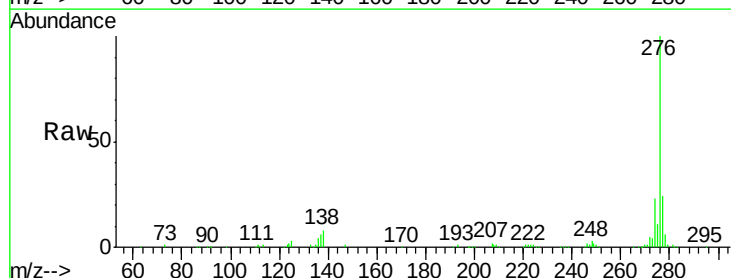
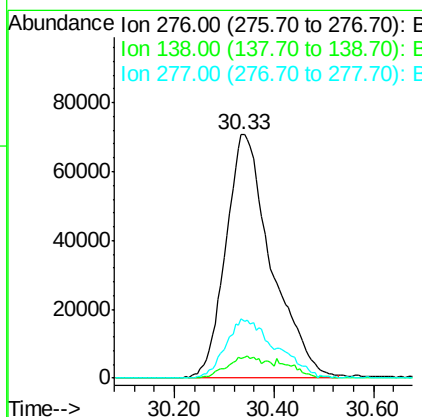
RT: 30.33 min Scan# 4603

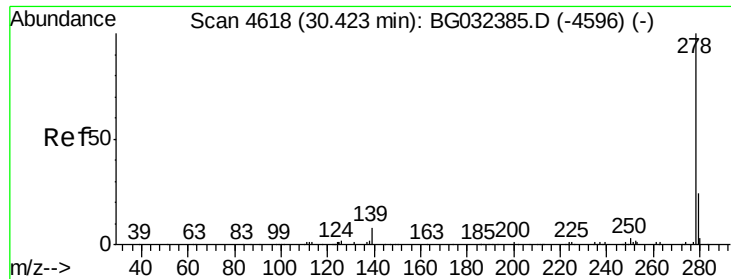
Delta R.T. -0.04 min

Lab File: BG032385.D

Acq: 28 Jan 2018 12:46

Tgt Ion	Ratio	Lower	Upper
276	100		
138	8.0	10.9	16.3#
277	24.2	18.9	28.3





#92

Dibenzo(a,h)anthracene

Concen: 20.831 ng/ul

RT: 30.42 min Scan# 4618

Delta R.T. -0.05 min

Lab File: BG032385.D

Acq: 28 Jan 2018 12:46

Instrument :

BNA_G

ClientSampleId :

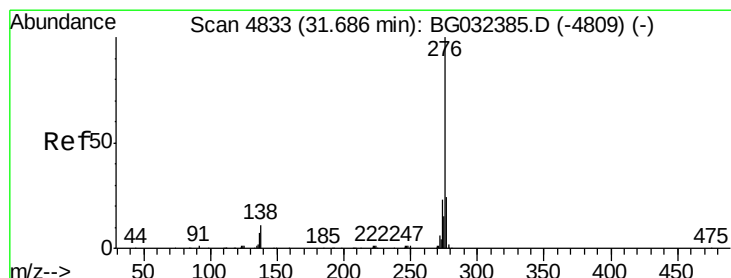
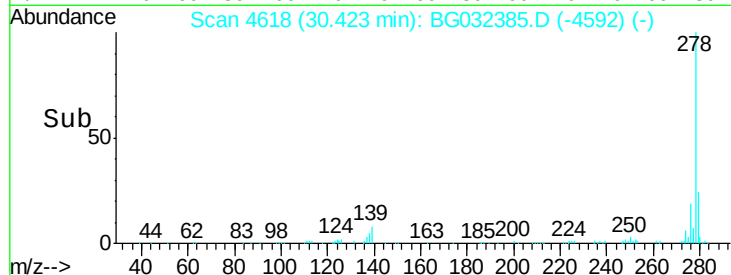
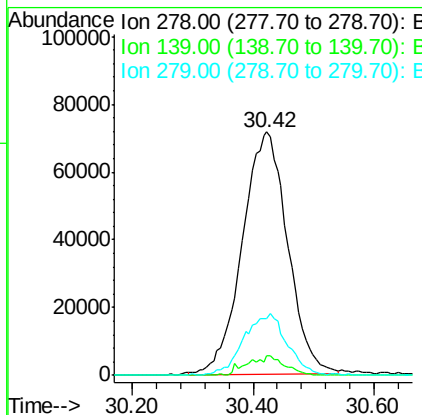
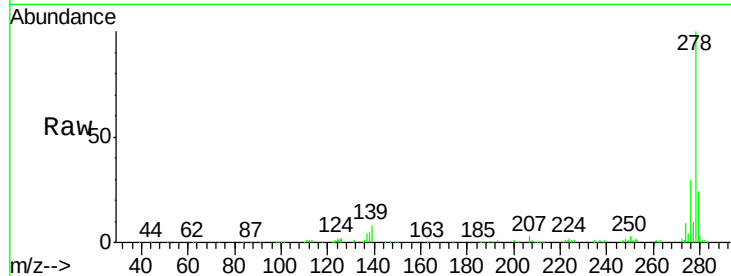
SSTD02084

Tot Ion:	278	Resp:	370838
Ion Ratio	Lower	Upper	
278	100		
139	7.9	9.0	13.4#
279	23.5	19.1	28.7

Manual Integrations
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#93

Benzo(g,h,i)perylene

Concen: 21.582 ng/ul

RT: 31.69 min Scan# 4833

Delta R.T. -0.03 min

Lab File: BG032385.D

Acq: 28 Jan 2018 12:46

Tgt Ion:	276	Resp:	373824
Ion Ratio	Lower	Upper	
276	100		
138	10.6	11.2	16.8#
277	24.0	19.0	28.6

