

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080816\
 Data File : BG023531.D
 Acq On : 8 Aug 2016 10:27
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02015

Manual Integrations
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 8/9/2016 6:50:31 AM

Quant Time: Aug 09 02:10:08 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 01 04:44:16 2004
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	135832	20.00	ng/ul	0.00
18) Naphthalene-d8	10.95	136	649684	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	470585	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.54	188	1161469	20.00	ng/ul	0.00
75) Chrysene-d12	21.86	240	1164218	20.00	ng/ul	0.00
83) Perylene-d12	25.24	264	1161301	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.48	96	24103	7.54	ng/uL	0.00
5) Phenol-d5	7.27	99	283629	20.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	185726	21.18	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	205994	22.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.82	113	222211	20.80	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	104573	20.42	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	121261	20.62	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.56	165	221916	20.00	ng/ul	0.00
29) 4-Chloroaniline-d4	11.09	131	301381	23.16	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	792116	20.56	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	919118	21.20	ng/ul	0.00
51) 4-Nitrophenol-d4	14.99	143	142788	21.71	ng/ul	0.00
57) Fluorene-d10	15.77	176	735023	20.65	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	149125	20.01	ng/ul	0.00
70) Anthracene-d10	17.64	188	1143696	21.86	ng/ul	0.00
76) Pyrene-d10	19.93	212	1250701	21.22	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.00	264	1109627	21.11	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	27361	8.16	ng/uL#	80
4) Benzaldehyde	7.24	77	191603	22.97	ng/ul	86
6) Phenol	7.30	94	295147	20.71	ng/ul#	77
8) Bis(2-Chloroethyl)ether	7.53	93	220935	21.36	ng/ul	88
10) 2-Chlorophenol	7.68	128	198421	20.87	ng/ul#	86
11) 2-Methylphenol	8.56	108	214708	20.01	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.65	45	312907	22.11	ng/ul	96
14) Acetophenone	8.94	105	364965	21.30	ng/ul#	82
15) N-Nitroso-di-n-propylamine	8.92	70	217186	21.07	ng/ul#	86
16) 4-Methylphenol	8.89	108	241358	20.07	ng/ul	86
17) Hexachloroethane	9.21	117	82324	20.07	ng/ul#	83
20) Nitrobenzene	9.34	77	309077	20.59	ng/ul#	86
21) Isophorone	9.85	82	578623	20.96	ng/ul	94
23) 2-Nitrophenol	10.05	139	134373	21.16	ng/ul#	76
24) 2,4-Dimethylphenol	10.11	107	285769	20.51	ng/ul	93
25) Bis(2-Chloroethoxy)methane	10.34	93	334625	21.01	ng/ul#	96
27) 2,4-Dichlorophenol	10.59	162	231064	20.65	ng/ul	97
28) Naphthalene	11.00	128	695646	21.09	ng/ul	99
30) 4-Chloroaniline	11.10	127	299436	23.18	ng/ul	96
31) Hexachlorobutadiene	11.27	225	155049	20.81	ng/ul	93
32) Caprolactam	11.87	113	88960	19.15	ng/ul#	42
33) 4-Chloro-3-methylphenol	12.23	107	285885	19.86	ng/ul	85
34) 2-Methylnaphthalene	12.60	142	561656	21.00	ng/ul	94

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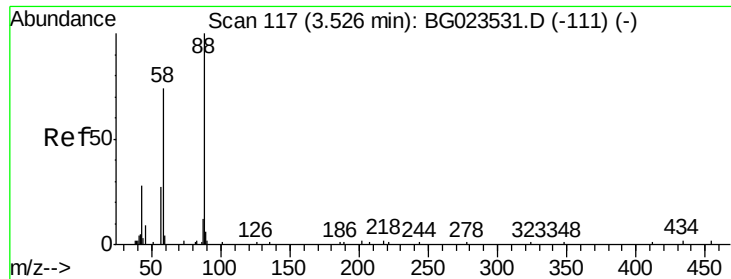
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 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.97	216	313377	21.69	ng/ul	97
37) Hexachlorocyclopentadiene	12.94	237	157212	19.67	ng/ul	99
38) 2,4,6-Trichlorophenol	13.21	196	209687	20.95	ng/ul	96
39) 2,4,5-Trichlorophenol	13.29	196	213938	19.94	ng/ul	98
40) 1,1'-Biphenyl	13.61	154	736895	21.31	ng/ul	99
41) 2-Chloronaphthalene	13.65	162	586722	21.82	ng/ul	98
42) 2-Nitroaniline	13.86	65	233834m	21.30	ng/ul	
44) Dimethylphthalate	14.22	163	790977	20.73	ng/ul	99
45) 2,6-Dinitrotoluene	14.35	165	172850	20.90	ng/ul#	84
47) Acenaphthylene	14.51	152	973388	21.46	ng/ul	98
48) 3-Nitroaniline	14.69	138	173177	22.27	ng/ul#	63
49) Acenaphthene	14.85	153	649941	21.03	ng/ul	97
50) 2,4-Dinitrophenol	14.90	184	92944	18.21	ng/ul#	89
52) 4-Nitrophenol	15.00	109	129268	19.62	ng/ul#	78
53) Dibenzofuran	15.18	168	967627	21.13	ng/ul	90
54) 2,4-Dinitrotoluene	15.15	165	259997	20.74	ng/ul#	72
55) 2,3,4,6-Tetrachlorophenol	15.41	232	219648	19.93	ng/ul#	97
56) Diethylphthalate	15.59	149	817543	20.50	ng/ul	96
58) Fluorene	15.83	166	777135	20.37	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.82	204	401224	20.91	ng/ul	98
60) 4-Nitroaniline	15.86	138	186741m	20.71	ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.91	198	160407	20.51	ng/ul#	81
64) N-Nitrosodiphenylamine	16.03	169	717401	22.10	ng/ul	97
65) 4-Bromophenyl-phenylether	16.72	248	278772	20.93	ng/ul	96
66) Hexachlorobenzene	16.84	284	301550	21.25	ng/ul	98
67) Atrazine	16.98	200	293294	21.88	ng/ul	98
68) Pentachlorophenol	17.19	266	159755	20.41	ng/ul	89
69) Phenanthrene	17.58	178	1297592	21.57	ng/ul	96
71) Anthracene	17.68	178	1342631	21.88	ng/ul	96
72) Carbazole	17.95	167	1156377	23.38	ng/ul	97
73) Di-n-butylphthalate	18.49	149	1382436	22.32	ng/ul#	95
74) Fluoranthene	19.60	202	1501957	24.39	ng/ul#	94
77) Pyrene	19.96	202	1522252	21.15	ng/ul#	94
78) Butylbenzylphthalate	20.83	149	615604	22.30	ng/ul#	84
79) 3,3'-Dichlorobenzidine	21.75	252	487007	23.74	ng/ul#	96
80) Benzo(a)anthracene	21.84	228	1418831	21.64	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.71	149	832615	22.68	ng/ul#	97
82) Chrysene	21.90	228	1280133	21.47	ng/ul	98
84) Di-n-octyl phthalate	22.98	149	1397476	23.83	ng/ul	100
85) Benzo(b)fluoranthene	24.15	252	1394425	21.11	ng/ul#	95
86) Benzo(k)fluoranthene	24.22	252	1371266	21.09	ng/ul#	91
88) Benzo(a)pyrene	25.07	252	1349519	21.16	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	29.10	276	1580741	21.09	ng/ul#	88
90) Dibenzo(a,h)anthracene	29.16	278	1332192	20.84	ng/ul#	91
91) Benzo(g,h,i)perylene	30.30	276	1305414	21.01	ng/ul#	86

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



#2

1,4-Dioxane

Concen: 8.16 ng/uL

RT: 3.53 min Scan# 117

Delta R.T. -0.00 min

Lab File: BG023531.D

Acq: 8 Aug 2016 10:27

Instrument :

BNA_G

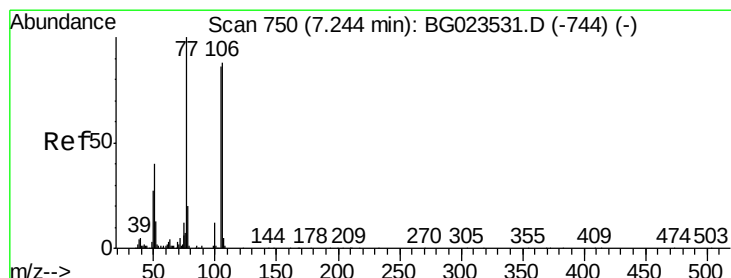
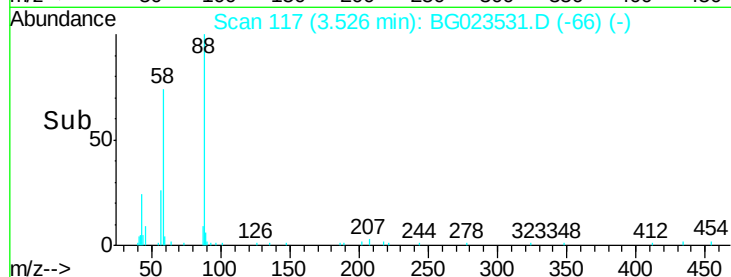
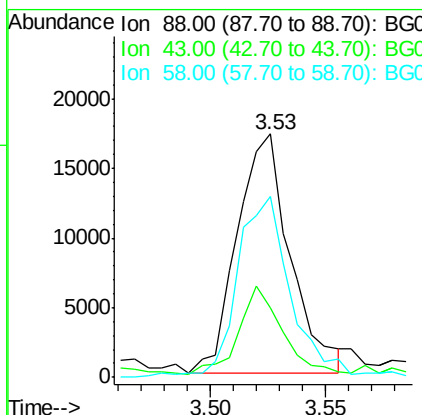
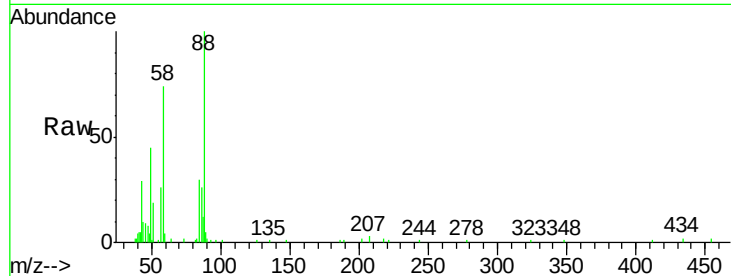
ClientSampleId :

SSTD02015

Tgt Ion:	88	Resp:	27361
Ion Ratio	Lower	Upper	
88	100		
43	28.6	16.6	24.8#
58	74.4	47.2	70.8#

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#4

Benzaldehyde

Concen: 22.97 ng/uL

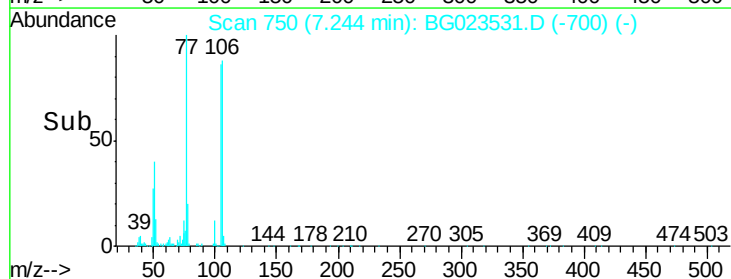
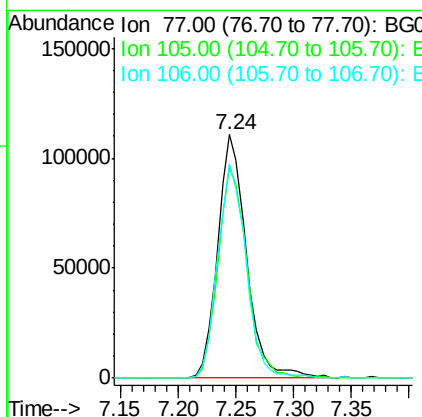
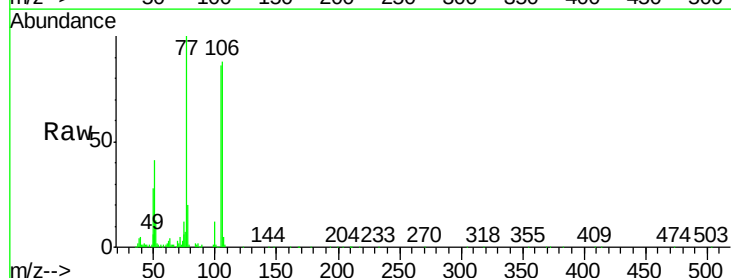
RT: 7.24 min Scan# 750

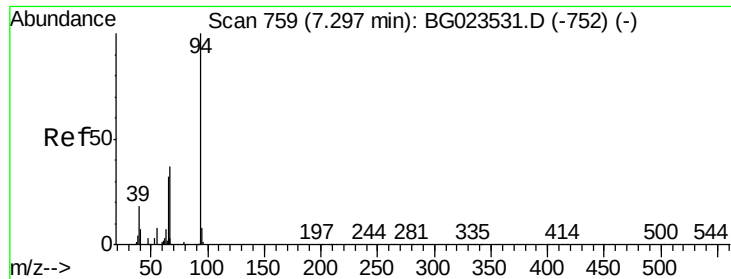
Delta R.T. -0.01 min

Lab File: BG023531.D

Acq: 8 Aug 2016 10:27

Tgt Ion:	77	Resp:	191603
Ion Ratio	Lower	Upper	
77	100		
105	86.5	83.8	125.8
106	88.0	77.9	116.9





#6

Phenol

Concen: 20.71 ng/ul

RT: 7.30 min Scan# 759

Delta R.T. -0.00 min

Lab File: BG023531.D

Acq: 8 Aug 2016 10:27

Instrument :

BNA_G

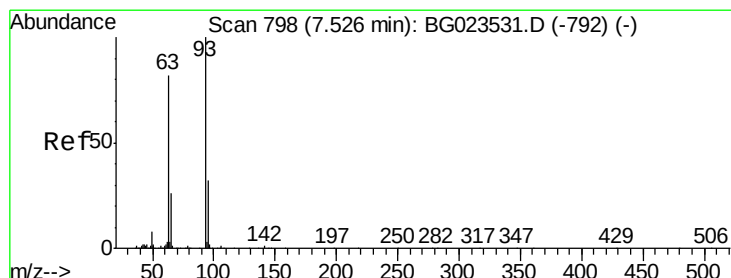
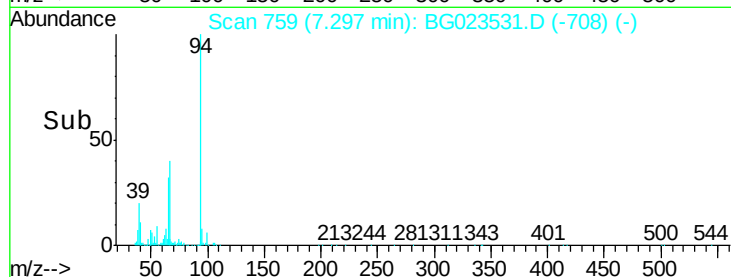
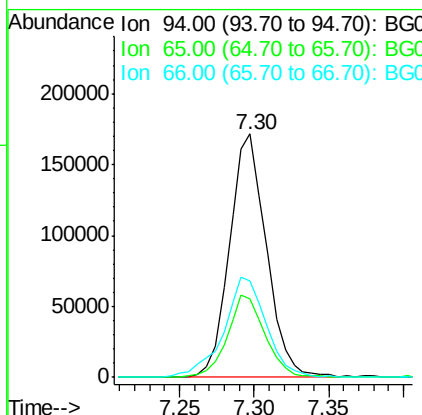
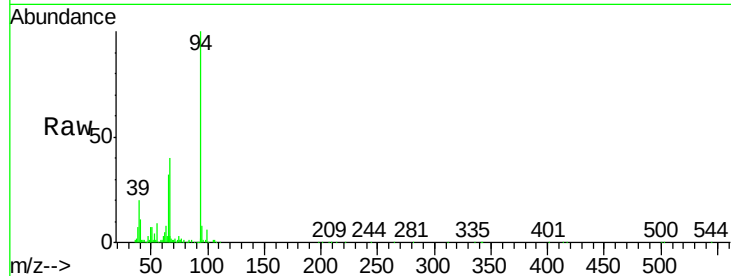
ClientSampleId :

SSTD02015

Tgt Ion:	94	Resp:	295147
Ion	Ratio	Lower	Upper
94	100		
65	32.3	16.8	25.2#
66	39.8	22.6	33.8#

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#8

Bis(2-Chloroethyl)ether

Concen: 21.36 ng/ul

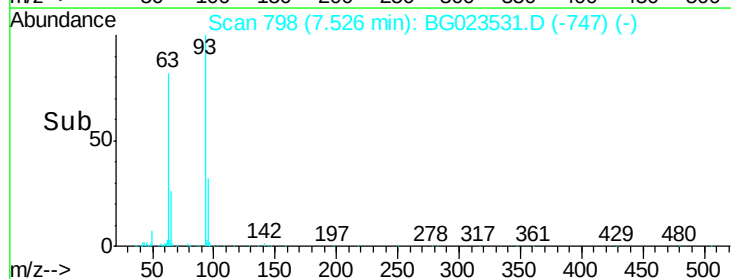
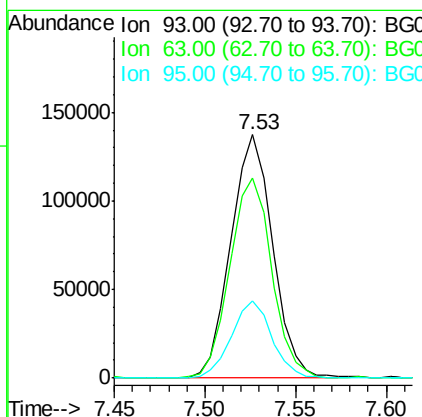
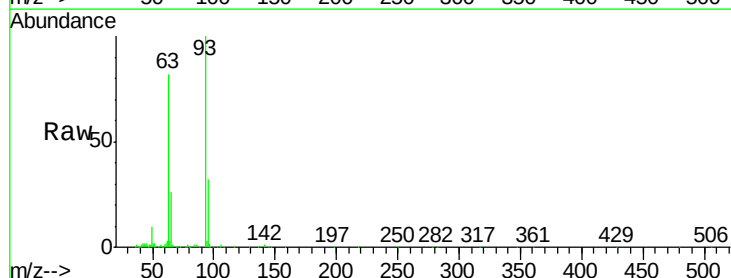
RT: 7.53 min Scan# 798

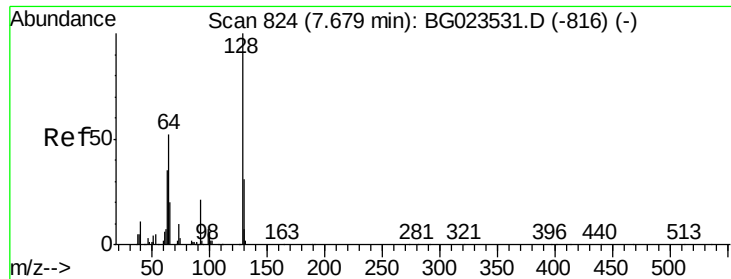
Delta R.T. -0.00 min

Lab File: BG023531.D

Acq: 8 Aug 2016 10:27

Tgt Ion:	93	Resp:	220935
Ion	Ratio	Lower	Upper
93	100		
63	82.2	56.0	84.0
95	31.7	27.7	41.5





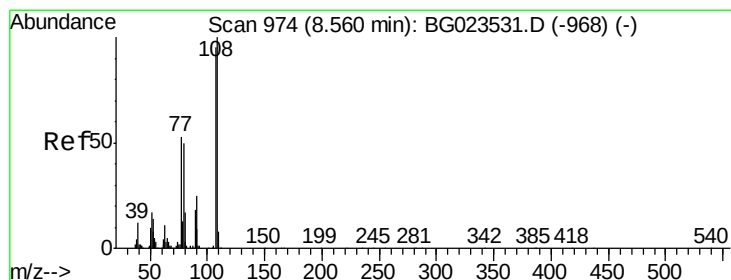
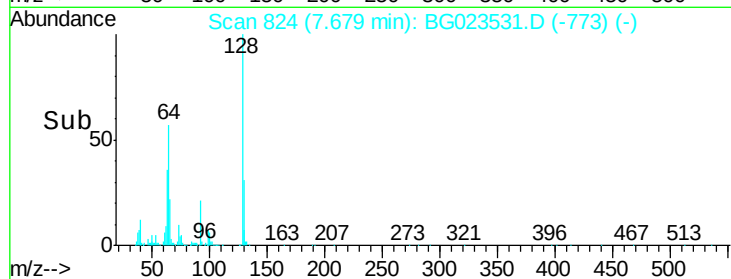
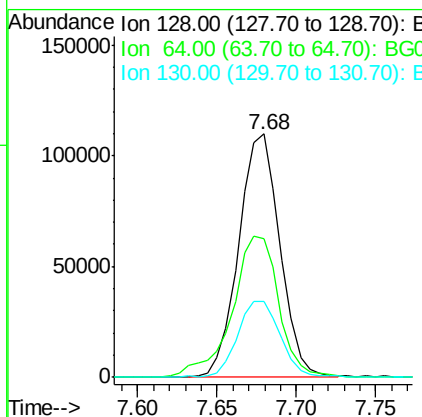
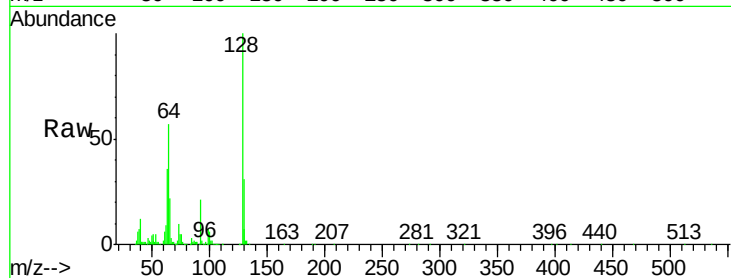
#10
2-Chlorophenol
Concen: 20.87 ng/ul
RT: 7.68 min Scan# 824
Delta R.T. -0.00 min
Lab File: BG023531.D
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Tgt Ion	Ratio	Resp	Lower	Upper
128	100	198421		
64	56.9	34.2	51.4#	
130	31.2	27.0	40.4	

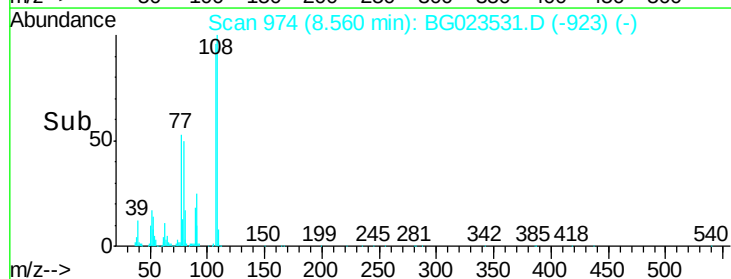
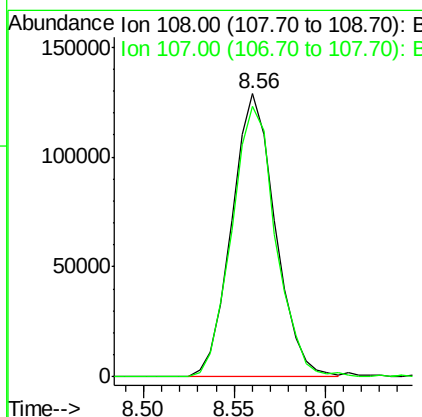
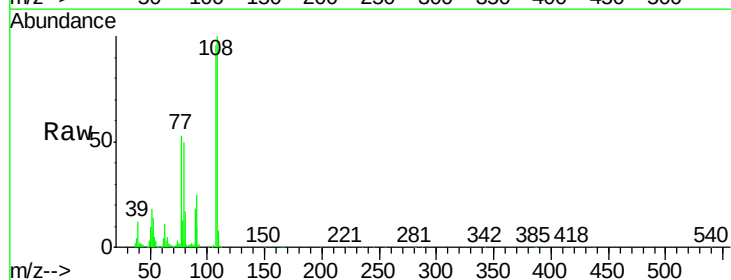
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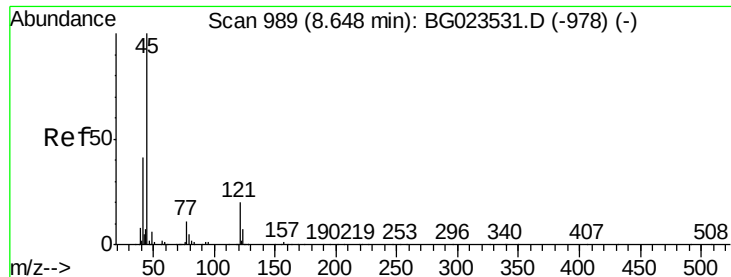
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#11
2-Methylphenol
Concen: 20.01 ng/ul
RT: 8.56 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG023531.D
Acq: 8 Aug 2016 10:27

Tgt Ion	Ratio	Resp	Lower	Upper
108	100	214708		
107	95.6	78.6	117.8	





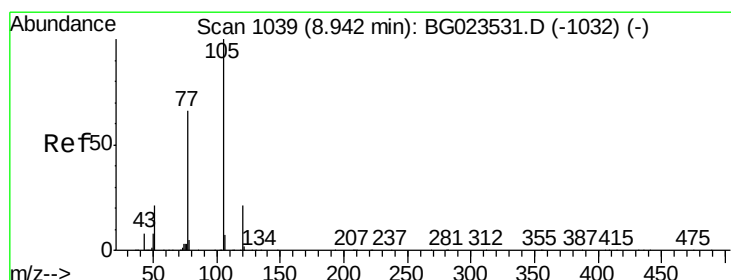
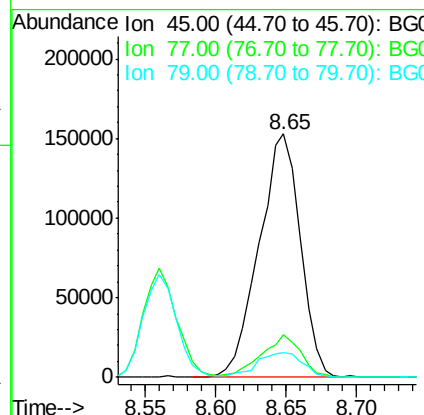
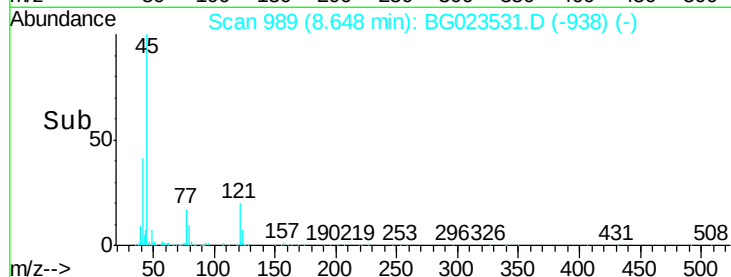
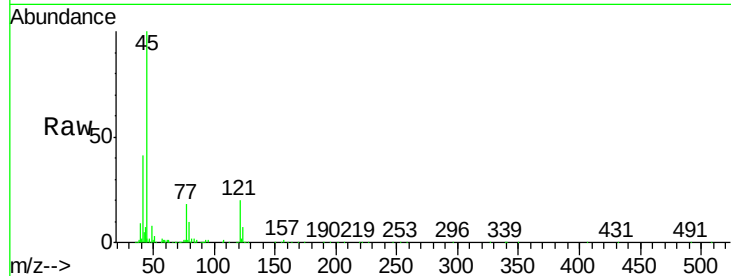
#12
2,2'-oxybis(1-chloropropane)
Concen: 22.11 ng/ul
RT: 8.65 min Scan# 989
Delta R.T. -0.00 min
Lab File: BG023531.D
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Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.5	13.4	20.2
79	10.4	10.2	15.4

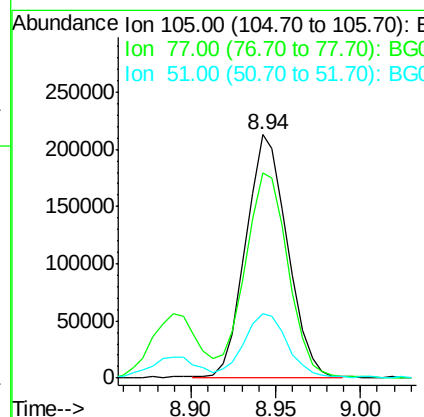
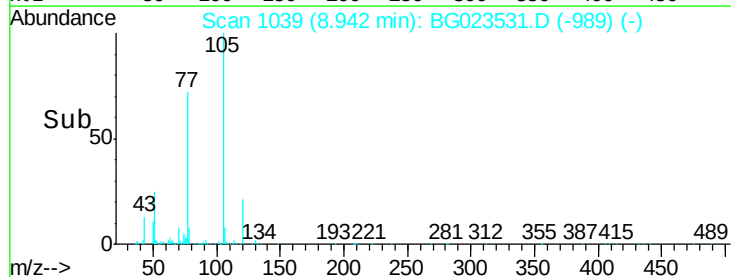
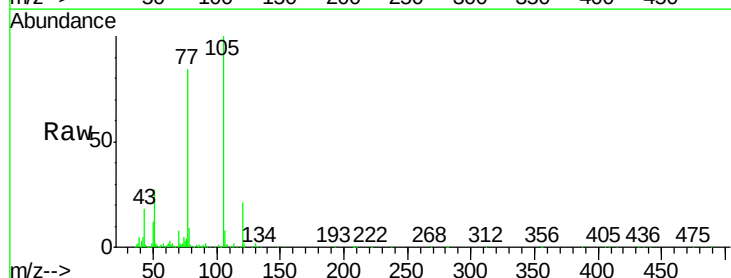
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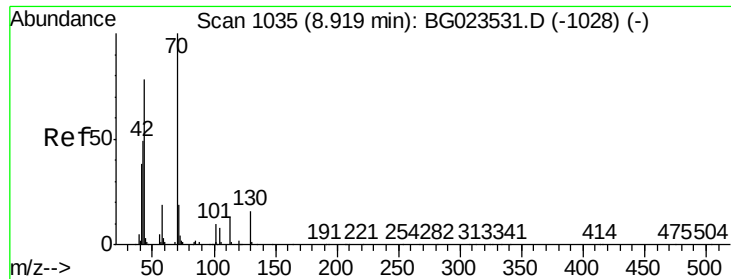
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#14
Acetophenone
Concen: 21.30 ng/ul
RT: 8.94 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BG023531.D
Acq: 8 Aug 2016 10:27

Tgt Ion	Ratio	Lower	Upper
105	100		
77	84.4	56.1	84.1#
51	26.5	14.6	22.0#





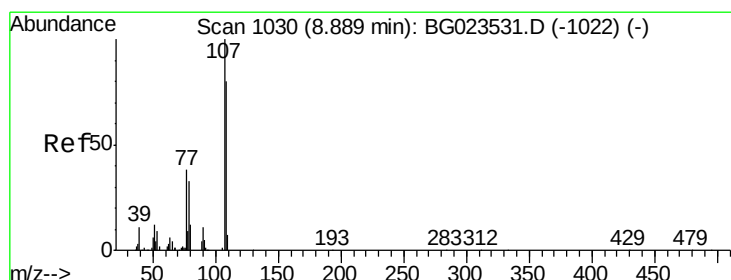
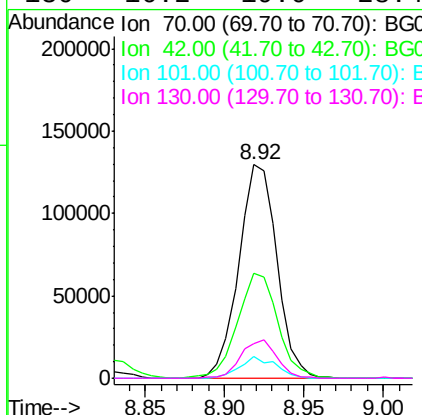
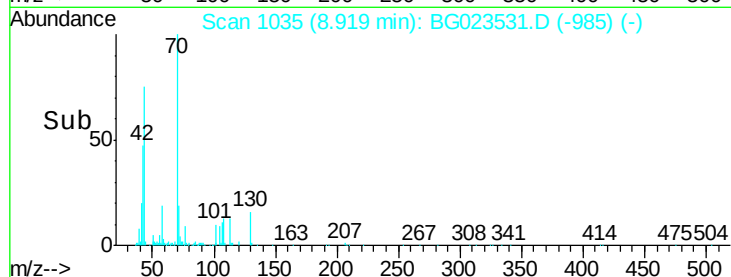
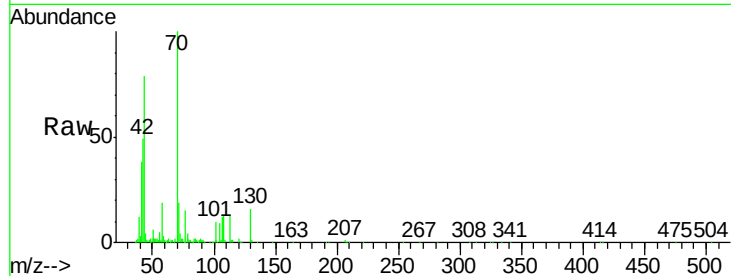
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N-Nitroso-di-n-propylamine
Concen: 21.07 ng/ul
RT: 8.92 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG023531.D
Acq: 8 Aug 2016 10:27

Instrument :
BNA_G
ClientSampleId :
SSTD02015

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	217186		
42	49.2	31.4	47.2#	
101	10.0	8.6	13.0	
130	16.2	19.0	28.4#	

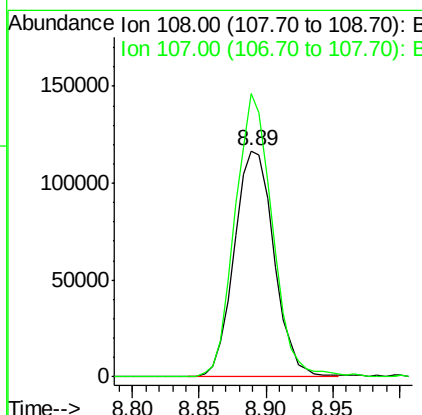
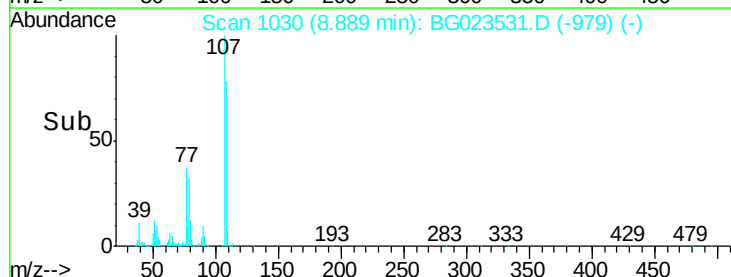
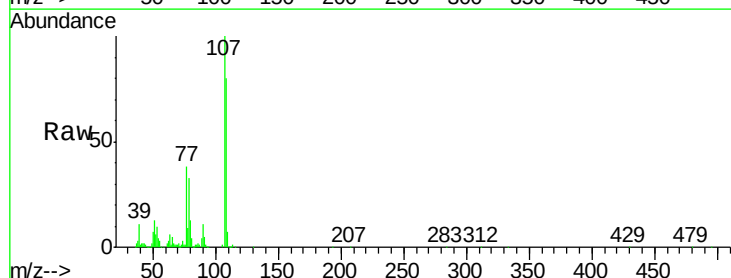
Manual Integrations
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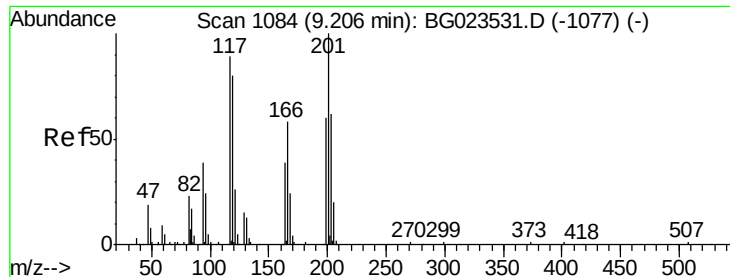
umangi
8/9/2016 6:50:31 AM



#16
4-Methylphenol
Concen: 20.07 ng/ul
RT: 8.89 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BG023531.D
Acq: 8 Aug 2016 10:27

Tgt Ion	Ratio	Resp	Lower	Upper
108	100	241358		
107	125.1	88.3	132.5	





#17

Hexachloroethane

Concen: 20.07 ng/ul

RT: 9.21 min Scan# 1084

Delta R.T. -0.00 min

Lab File: BG023531.D

Acq: 8 Aug 2016 10:27

Instrument :

BNA_G

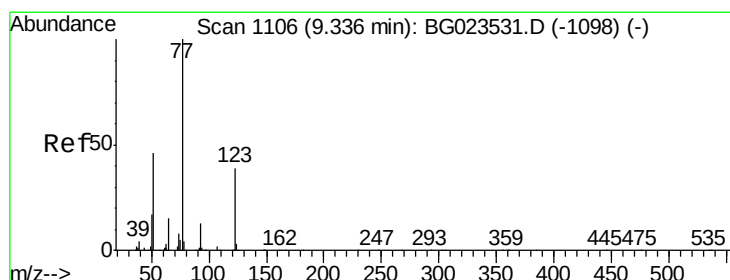
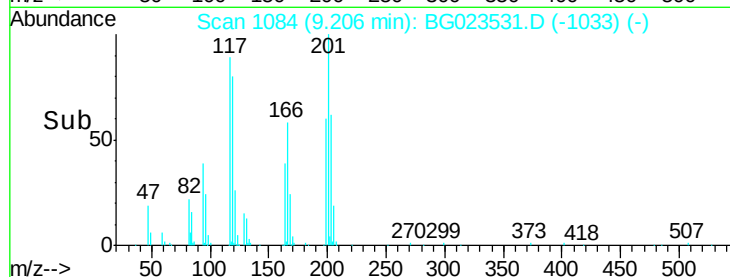
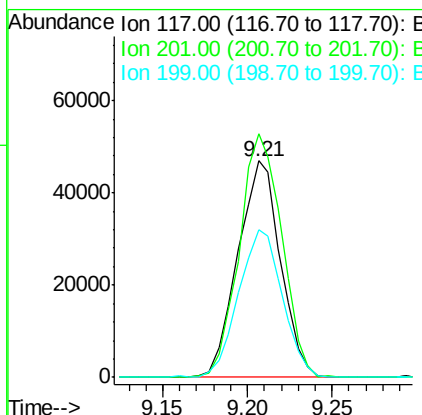
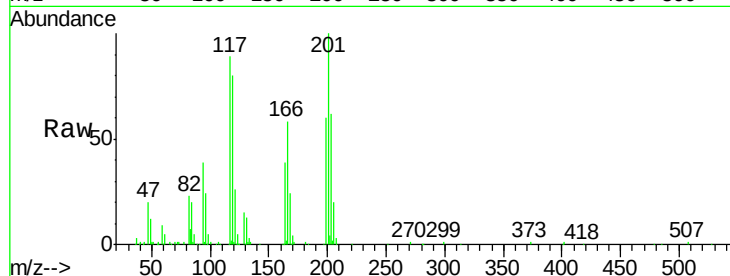
ClientSampleId :

SSTD02015

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	82324		
201	112.4	76.8	115.2	
199	67.9	43.5	65.3#	

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#20

Nitrobenzene

Concen: 20.59 ng/ul

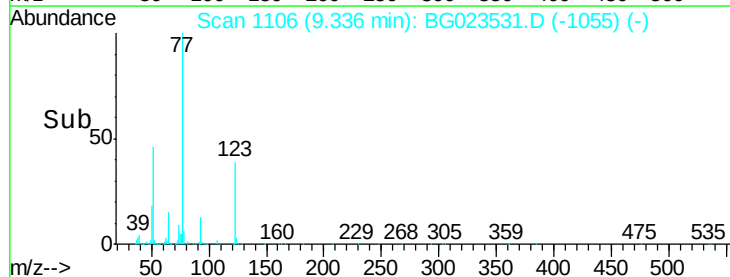
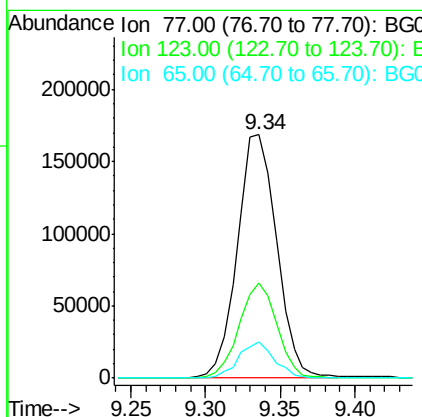
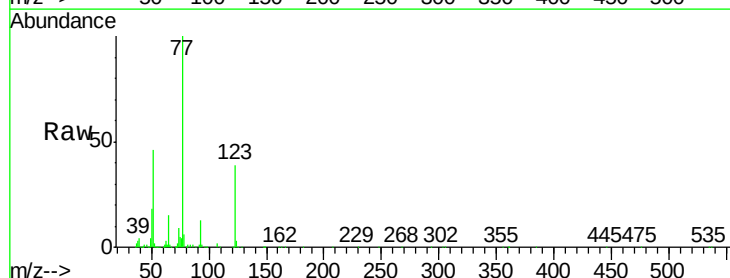
RT: 9.34 min Scan# 1106

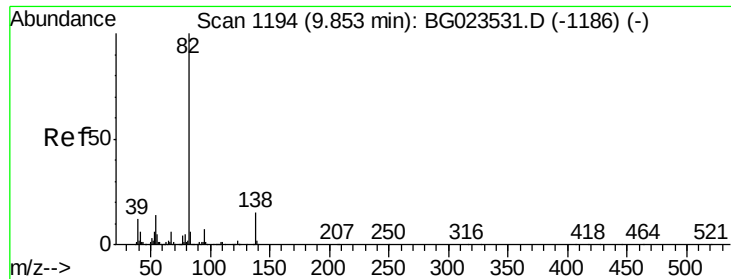
Delta R.T. -0.00 min

Lab File: BG023531.D

Acq: 8 Aug 2016 10:27

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	309077		
123	39.1	39.5	59.3#	
65	14.9	9.0	13.4#	





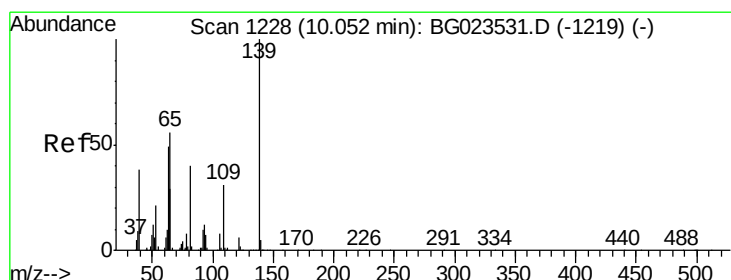
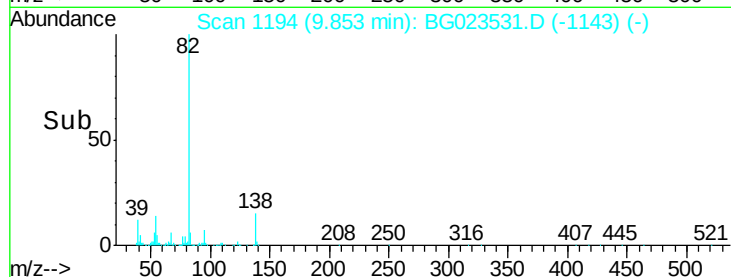
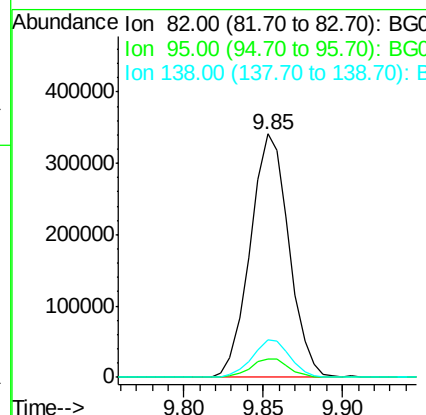
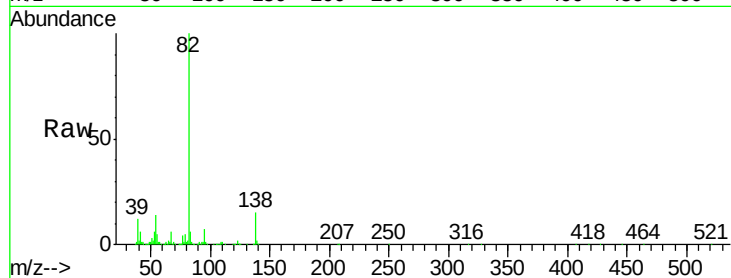
#21
Isophorone
Concen: 20.96 ng/ul
RT: 9.85 min Scan# 1194
Delta R.T. -0.00 min
Lab File: BG023531.D
Acq: 8 Aug 2016 10:27

Instrument :
BNA_G
ClientSampleId :
SSTD02015

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	578623		
95	7.5	5.1	7.7	
138	15.4	15.0	22.6	

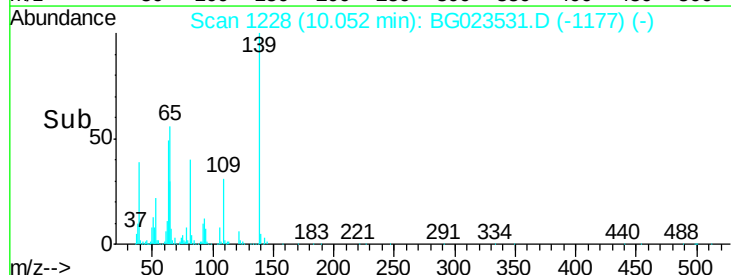
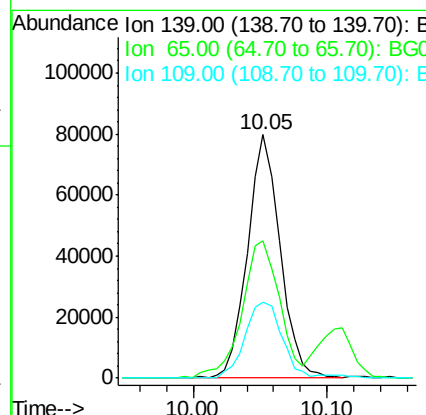
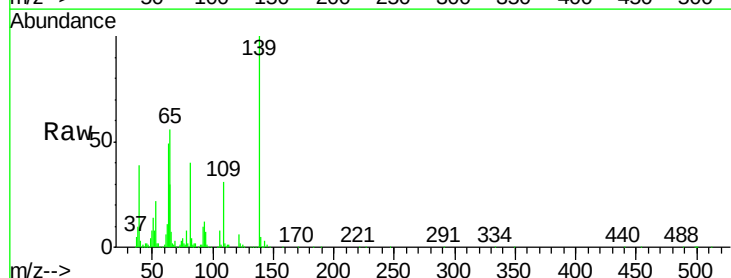
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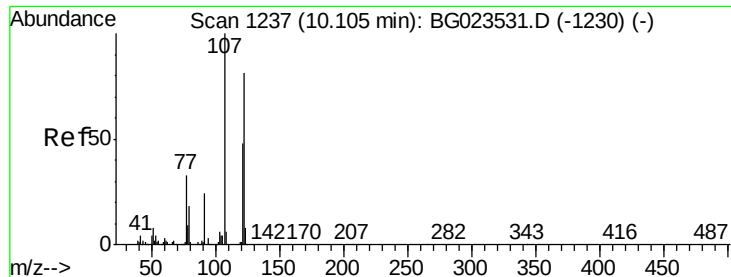
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#23
2-Nitrophenol
Concen: 21.16 ng/ul
RT: 10.05 min Scan# 1228
Delta R.T. -0.00 min
Lab File: BG023531.D
Acq: 8 Aug 2016 10:27

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	134373		
65	56.3	31.8	47.8#	
109	30.9	17.1	25.7#	





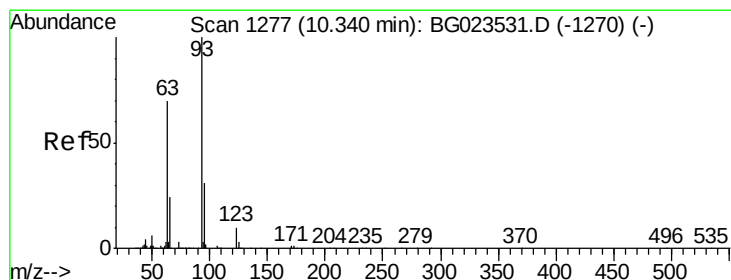
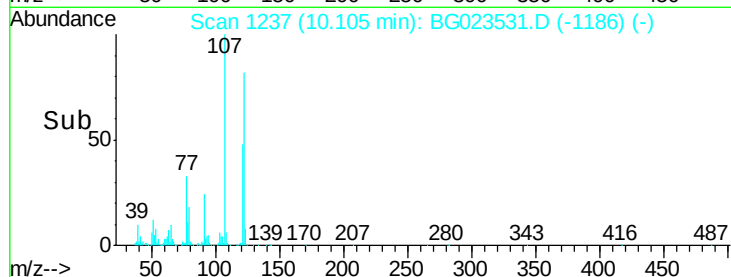
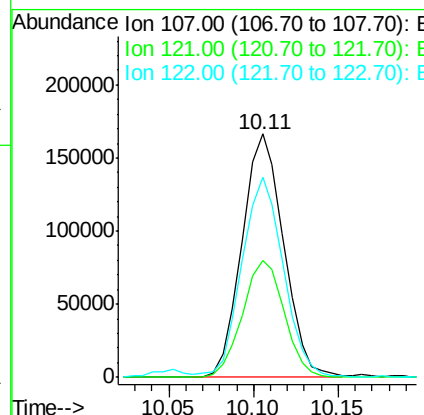
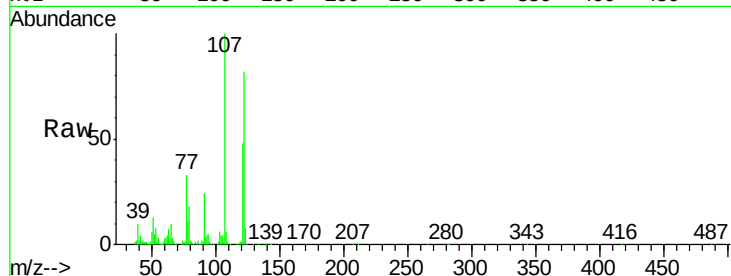
#24
 2,4-Dimethylphenol
 Concen: 20.51 ng/ul
 RT: 10.11 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: BG023531.D
 Acq: 8 Aug 2016 10:27

Instrument :
 BNA_G
 ClientSampleId :
 SST02015

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	285769		
121	48.3	43.7	65.5	
122	82.4	70.3	105.5	

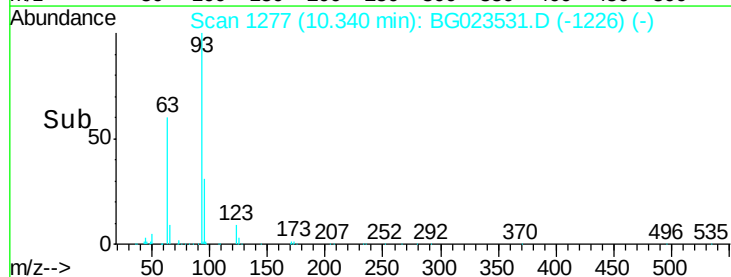
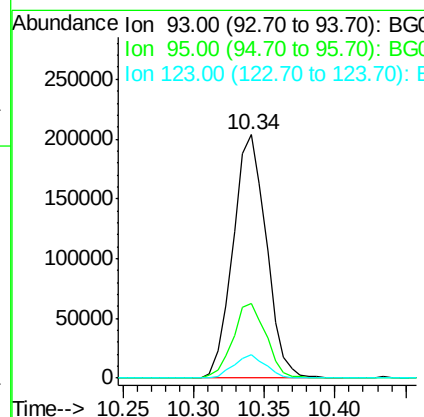
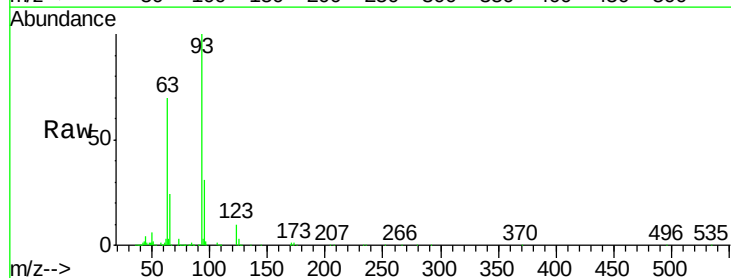
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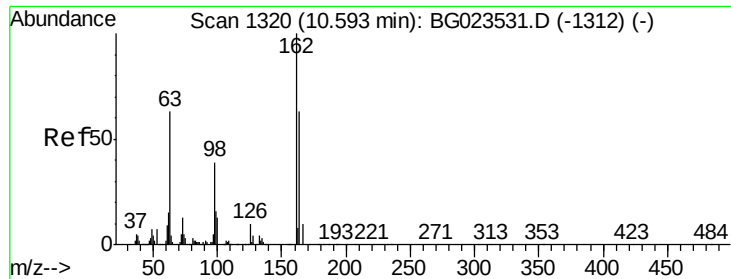
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#25
 Bis(2-Chloroethoxy)methane
 Concen: 21.01 ng/ul
 RT: 10.34 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: BG023531.D
 Acq: 8 Aug 2016 10:27

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	334625		
95	30.9	26.0	39.0	
123	9.5	10.1	15.1	





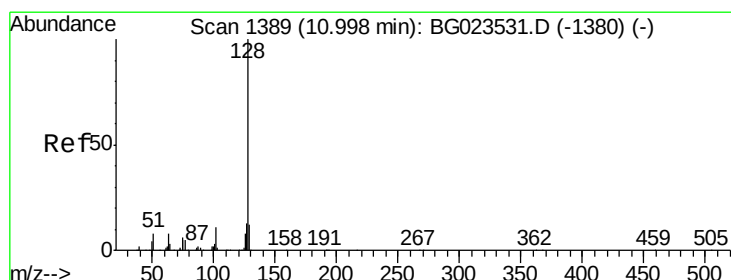
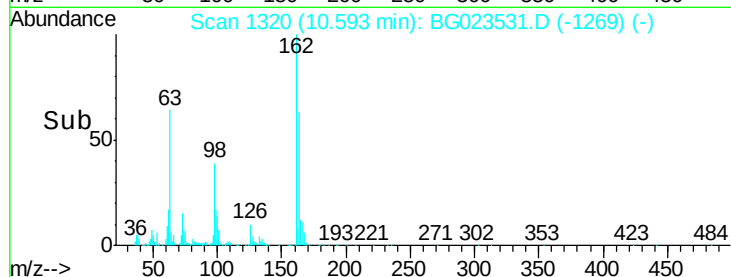
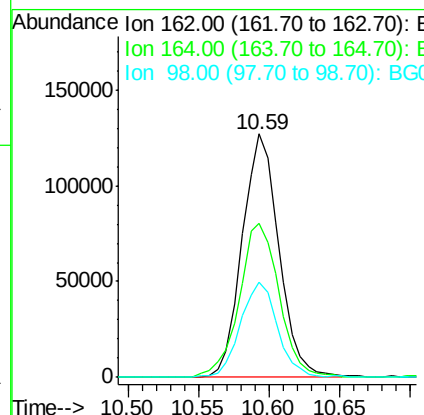
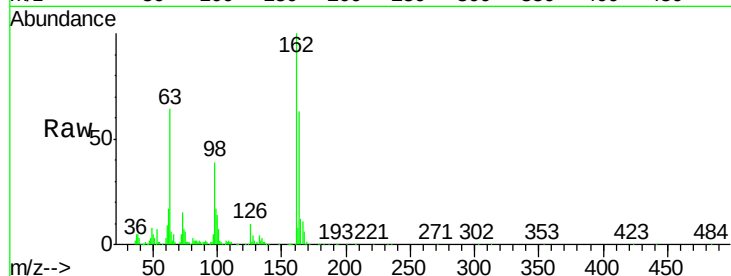
#27
 2,4-Dichlorophenol
 Concen: 20.65 ng/ul
 RT: 10.59 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: BG023531.D
 Acq: 8 Aug 2016 10:27

Instrument :
 BNA_G
 ClientSampleId :
 SST02015

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	231064		
164	63.5	51.6	77.4	
98	39.0	28.3	42.5	

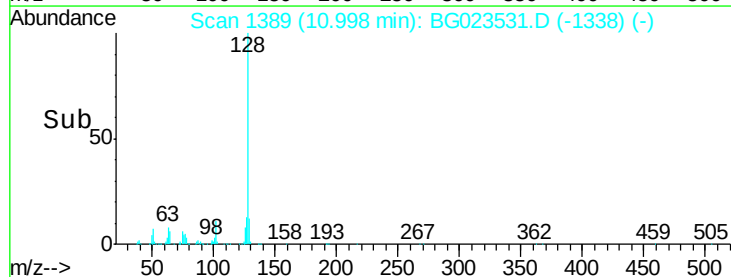
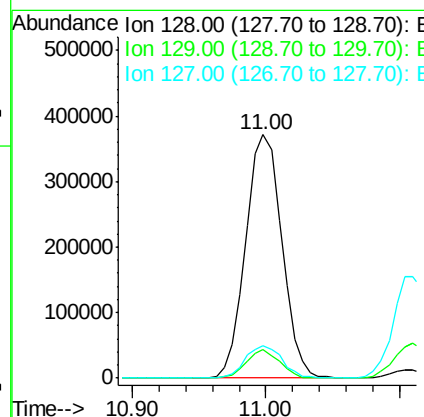
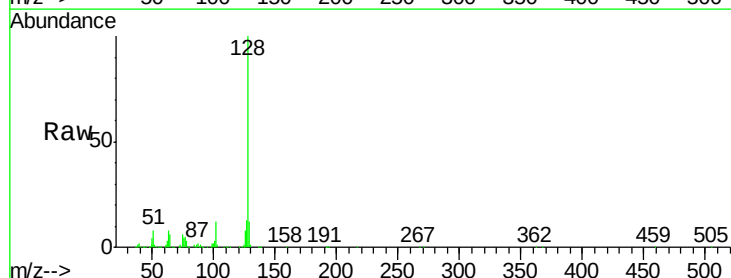
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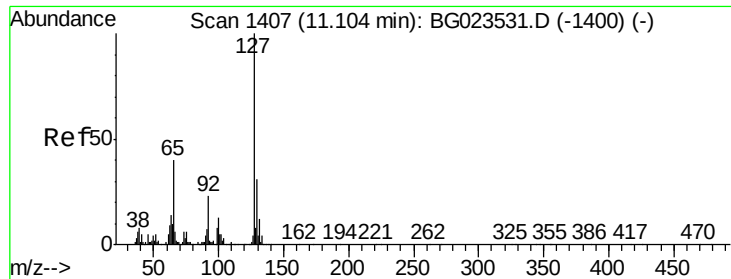
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#28
 Naphthalene
 Concen: 21.09 ng/ul
 RT: 11.00 min Scan# 1389
 Delta R.T. -0.00 min
 Lab File: BG023531.D
 Acq: 8 Aug 2016 10:27

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	695646		
129	11.9	9.4	14.2	
127	13.4	11.2	16.8	





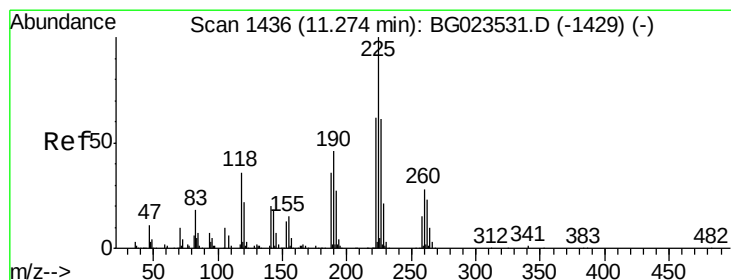
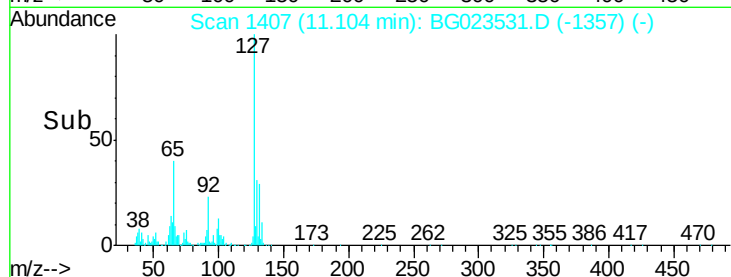
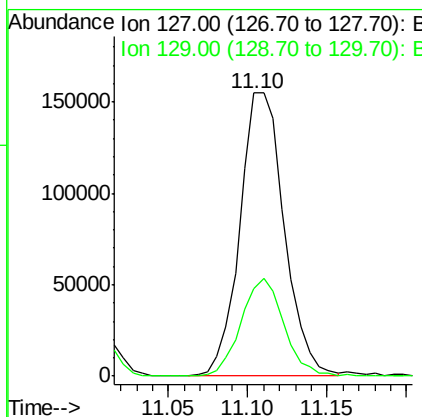
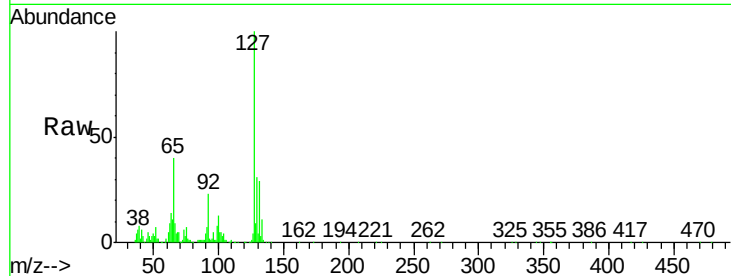
#30
4-Chloroaniline
Concen: 23.18 ng/ul
RT: 11.10 min Scan# 1407
Delta R.T. -0.01 min
Lab File: BG023531.D
Acq: 8 Aug 2016 10:27

Instrument :
BNA_G
ClientSampleId :
SSTD02015

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	299436		
129	31.1	26.9	40.3	

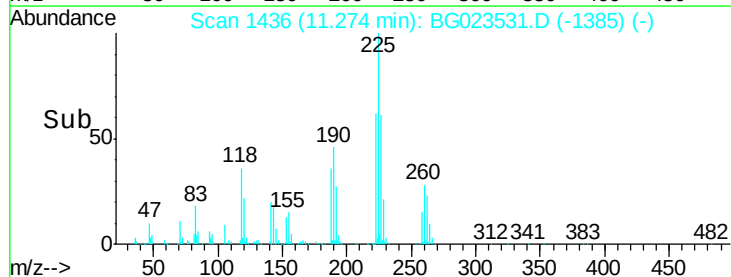
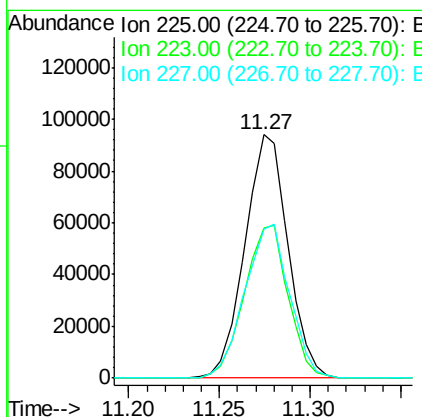
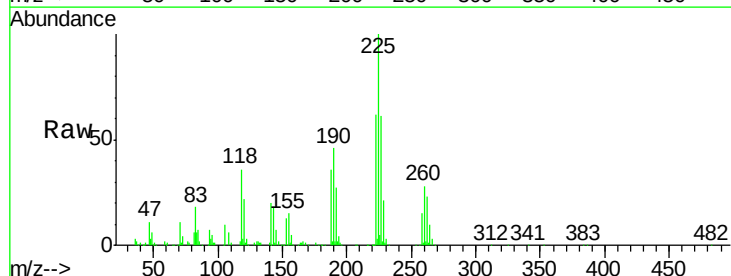
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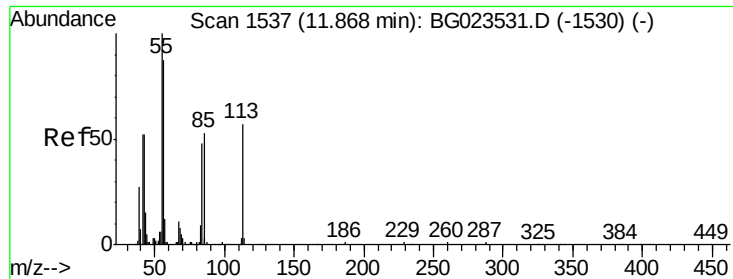
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#31
Hexachlorobutadiene
Concen: 20.81 ng/ul
RT: 11.27 min Scan# 1436
Delta R.T. -0.00 min
Lab File: BG023531.D
Acq: 8 Aug 2016 10:27

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	155049		
223	61.8	54.7	82.1	
227	61.2	52.2	78.4	





#32

Caprolactam

Concen: 19.15 ng/ul

RT: 11.87 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BG023531.D

Acq: 8 Aug 2016 10:27

Instrument :

BNA_G

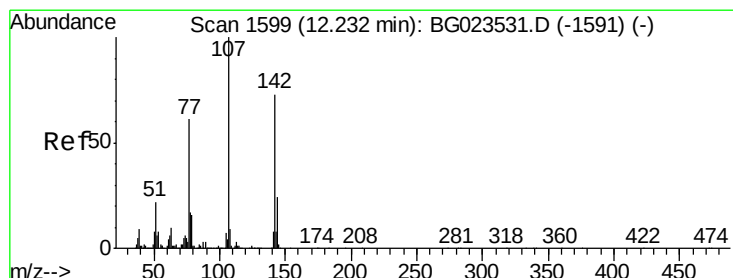
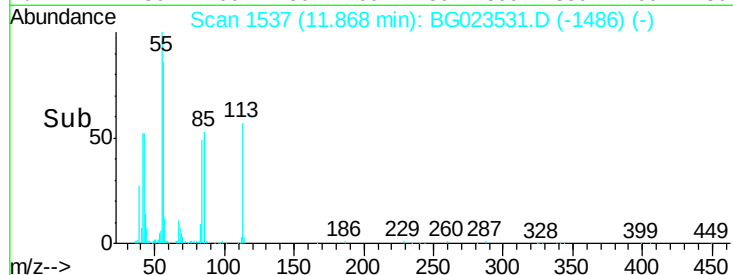
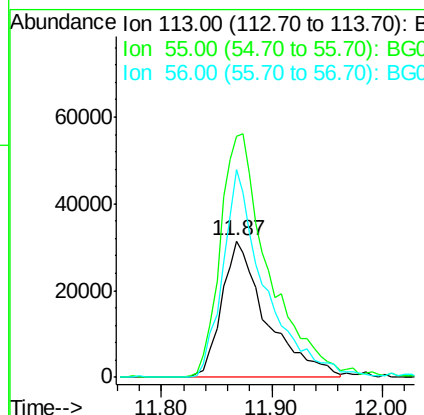
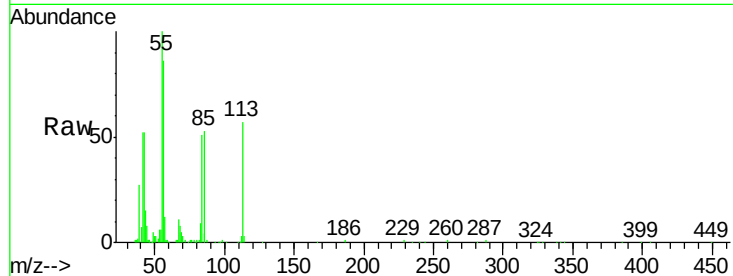
ClientSampleId :

SSTD02015

Tgt Ion:	113	Resp:	88960
Ion Ratio	Lower	Upper	
113	100		
55	176.3	99.6	149.4#
56	152.2	66.4	99.6#

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#33

4-Chloro-3-methylphenol

Concen: 19.86 ng/ul

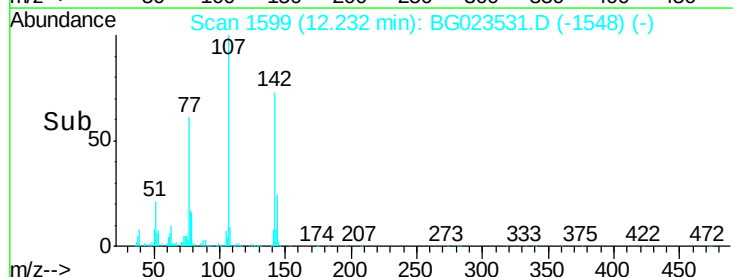
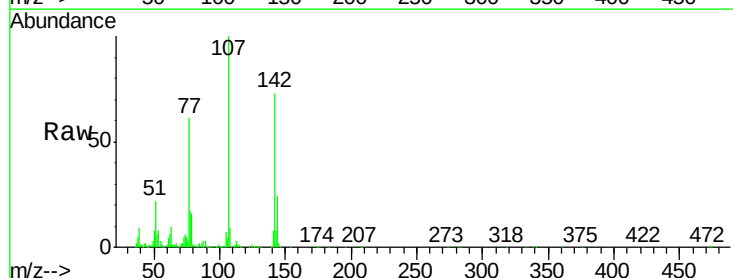
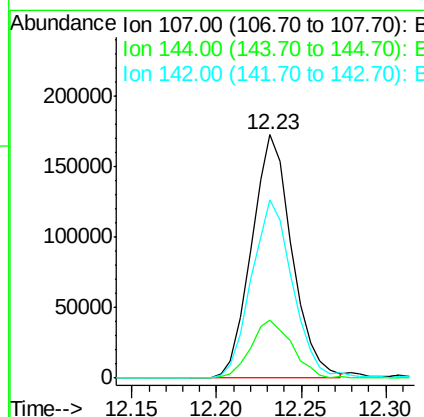
RT: 12.23 min Scan# 1599

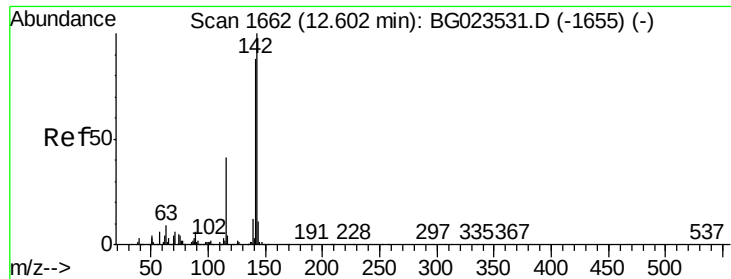
Delta R.T. -0.00 min

Lab File: BG023531.D

Acq: 8 Aug 2016 10:27

Tgt Ion:	107	Resp:	285885
Ion Ratio	Lower	Upper	
107	100		
144	23.9	22.7	34.1
142	73.3	71.6	107.4





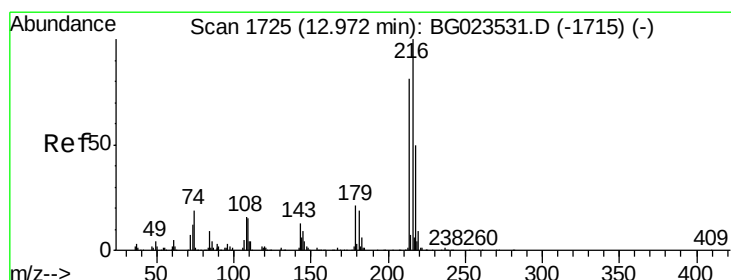
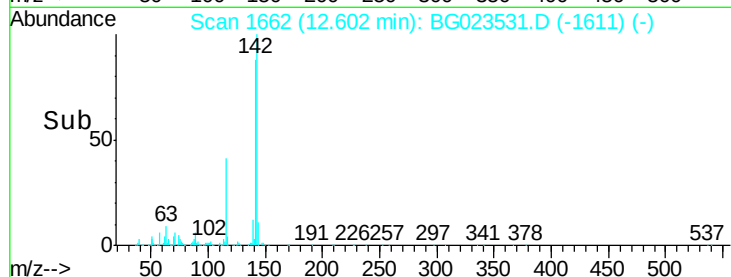
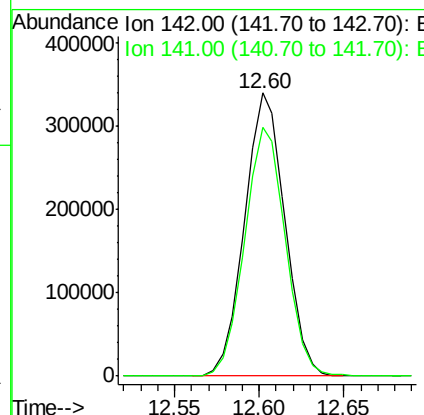
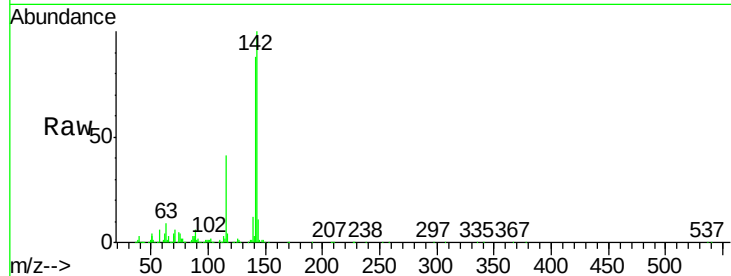
#34
 2-Methylnaphthalene
 Concen: 21.00 ng/ul
 RT: 12.60 min Scan# 1662
 Delta R.T. -0.00 min
 Lab File: BG023531.D
 Acq: 8 Aug 2016 10:27

Instrument :
 BNA_G
 ClientSampleId :
 SST02015

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	561656		
141	87.8	75.2	112.8	

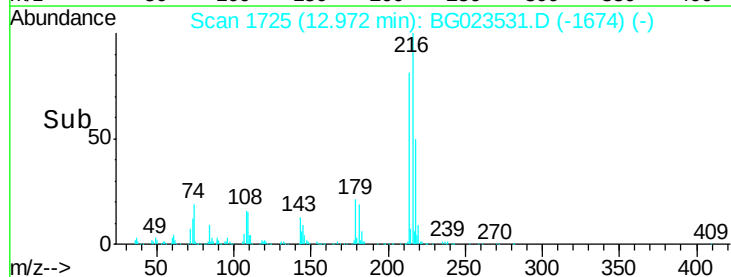
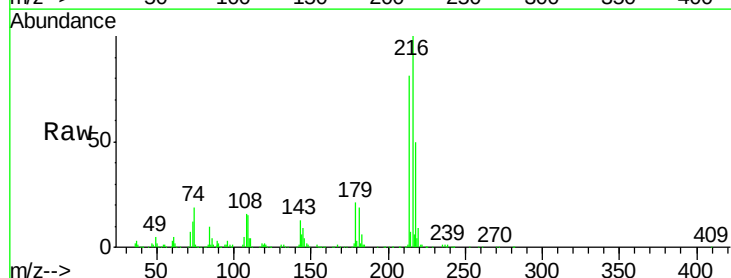
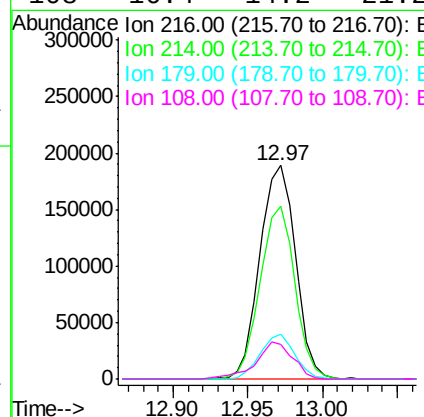
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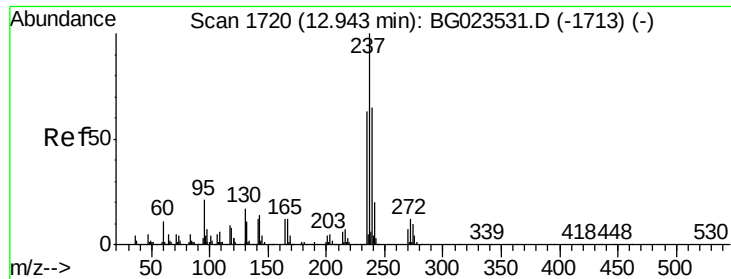
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#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 21.69 ng/ul
 RT: 12.97 min Scan# 1725
 Delta R.T. -0.00 min
 Lab File: BG023531.D
 Acq: 8 Aug 2016 10:27

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	313377		
214	80.9	61.7	92.5	
179	21.2	17.0	25.4	
108	16.4	14.2	21.2	





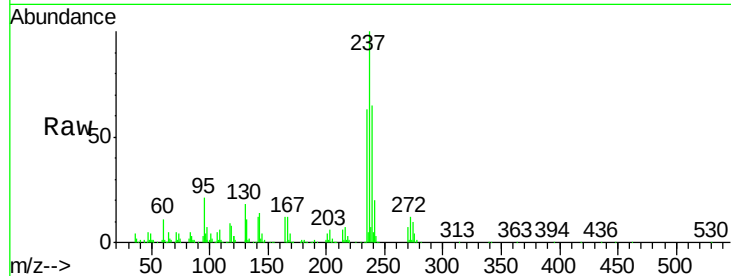
#37
Hexachlorocyclopentadiene
Concen: 19.67 ng/ul
RT: 12.94 min Scan# 1720
Delta R.T. -0.00 min
Lab File: BG023531.D
Acq: 8 Aug 2016 10:27

Instrument :
BNA_G
ClientSampleId :
SSTD02015

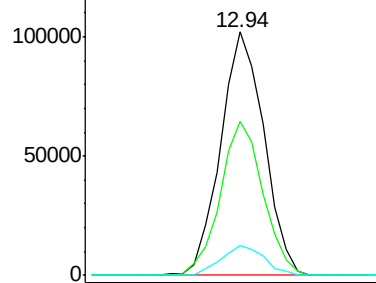
Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	63.1	49.6	74.4
272	12.2	9.3	13.9

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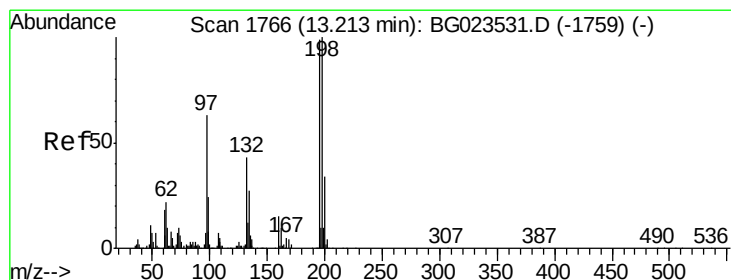
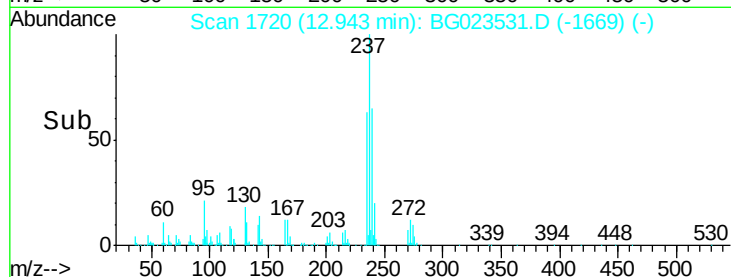
umangi
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Abundance Ion 237.00 (236.70 to 237.70): E
Ion 235.00 (234.70 to 235.70): E
Ion 272.00 (271.70 to 272.70): E

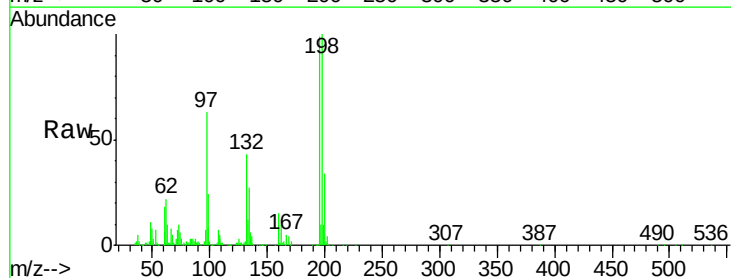


Time-->

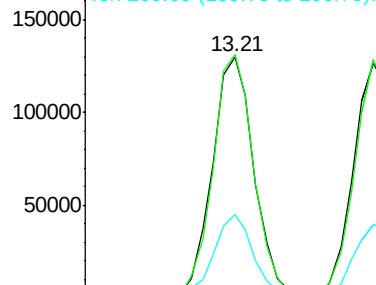


#38
2,4,6-Trichlorophenol
Concen: 20.95 ng/ul
RT: 13.21 min Scan# 1766
Delta R.T. -0.00 min
Lab File: BG023531.D
Acq: 8 Aug 2016 10:27

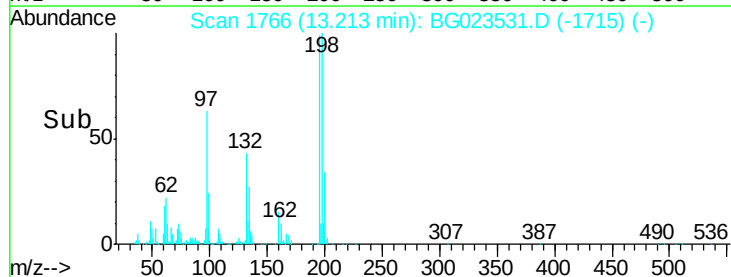
Tgt Ion	Ratio	Resp Lower	Resp Upper
196	100		
198	100.8	77.4	116.0
200	34.4	26.6	39.8

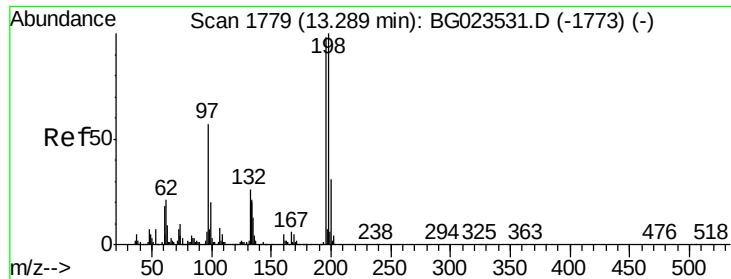


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E



Time-->





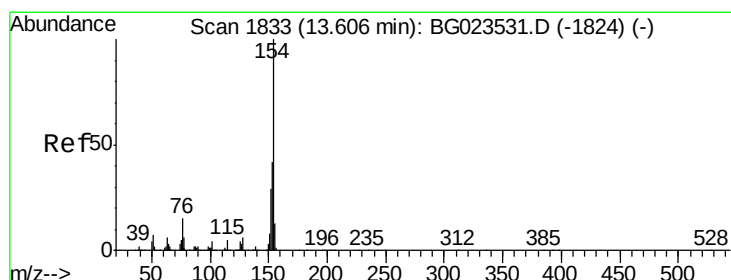
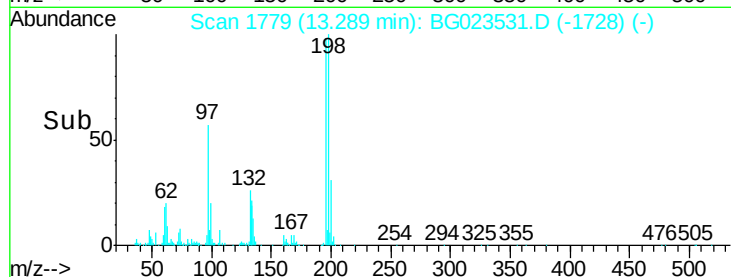
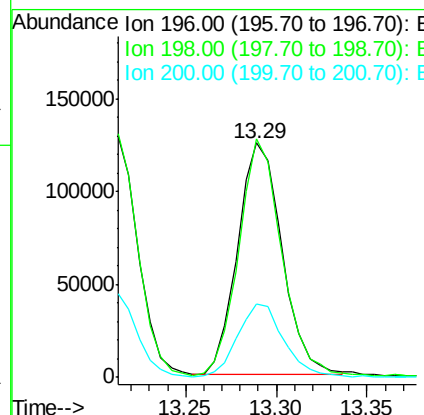
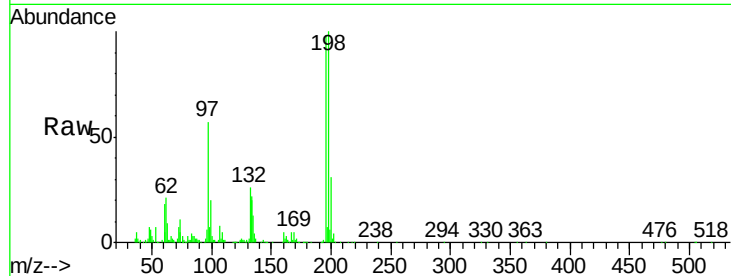
#39
 2,4,5-Trichlorophenol
 Concen: 19.94 ng/ul
 RT: 13.29 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: BG023531.D
 Acq: 8 Aug 2016 10:27

Instrument :
 BNA_G
 ClientSampleId :
 SST02015

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	213938		
198	102.0	79.8	119.8	
200	31.5	24.0	36.0	

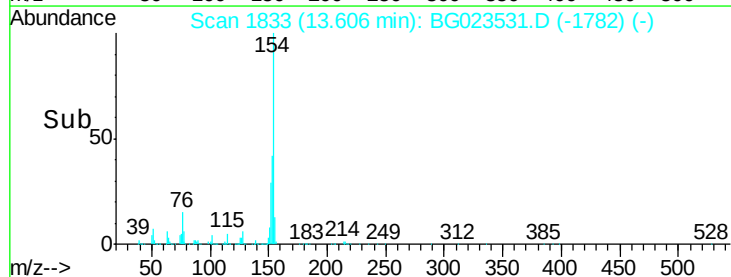
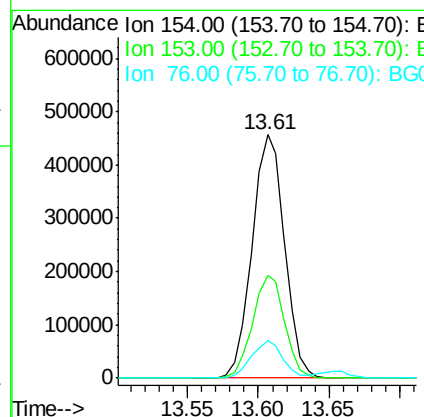
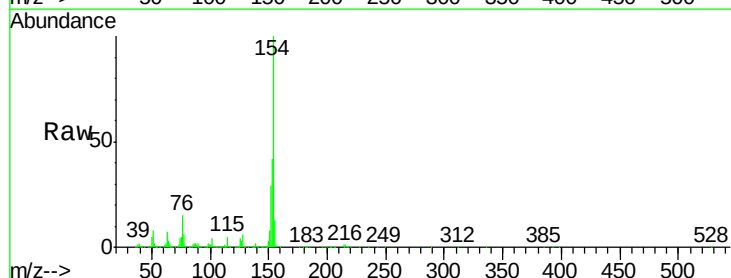
Manual Integrations
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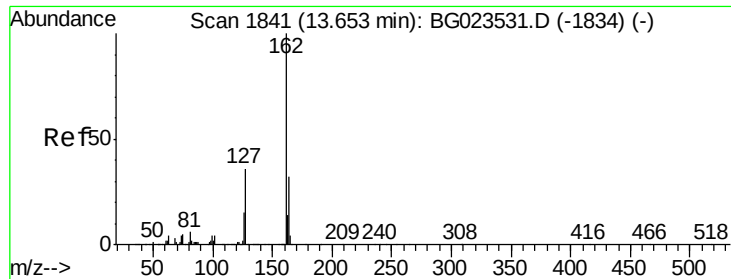
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#40
 1,1'-Biphenyl
 Concen: 21.31 ng/ul
 RT: 13.61 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: BG023531.D
 Acq: 8 Aug 2016 10:27

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	736895		
153	42.5	34.6	52.0	
76	15.2	11.9	17.9	





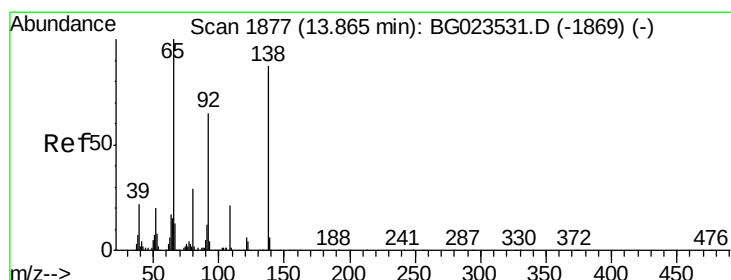
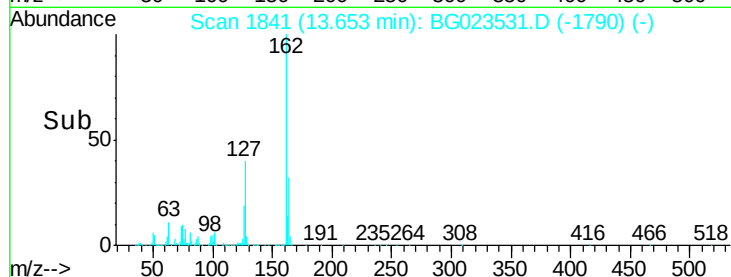
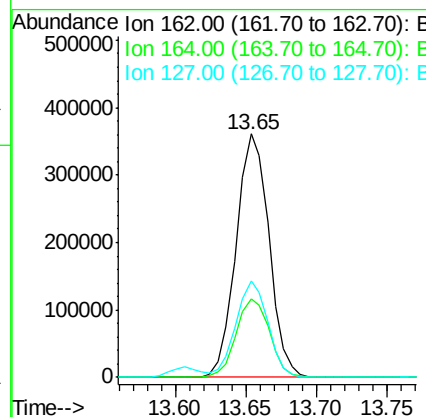
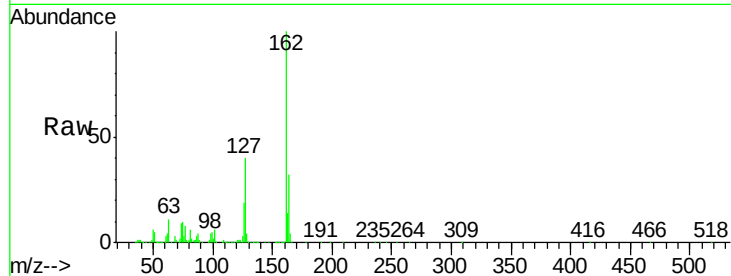
#41
 2-Chloronaphthalene
 Concen: 21.82 ng/ul
 RT: 13.65 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BG023531.D
 Acq: 8 Aug 2016 10:27

Instrument :
 BNA_G
 ClientSampleId :
 SST02015

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	586722		
164	32.4		25.4	38.2
127	39.7		30.2	45.4

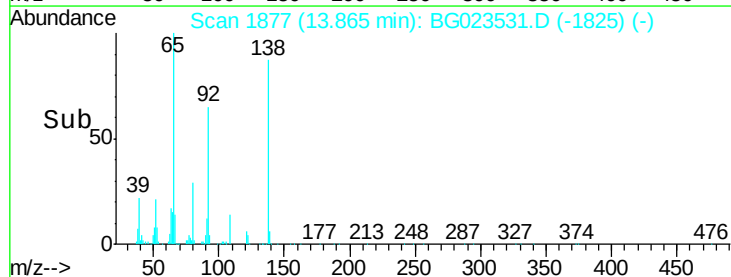
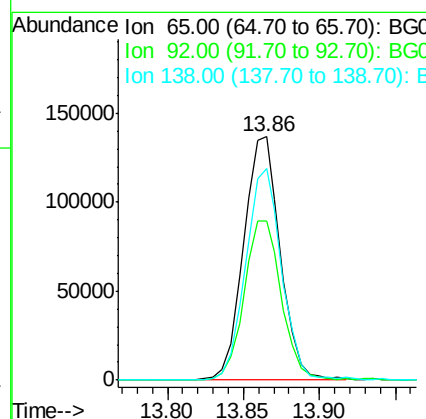
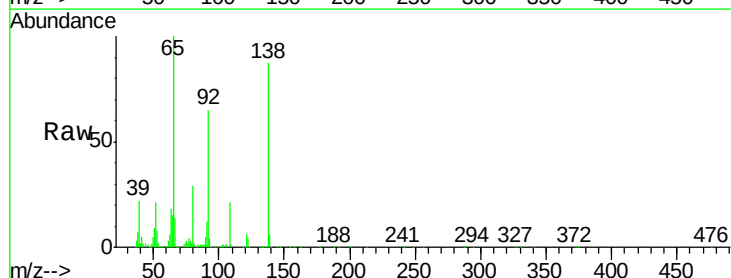
Manual Integrations
 APPROVED

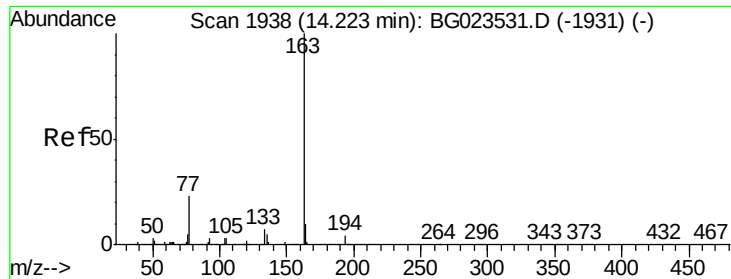
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#42
 2-Nitroaniline
 Concen: 21.30 ng/ul m
 RT: 13.86 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: BG023531.D
 Acq: 8 Aug 2016 10:27

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	233834		
92	65.1		67.1	100.7#
138	86.9		109.6	164.4#





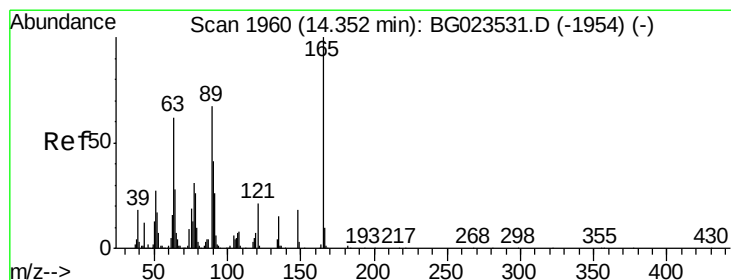
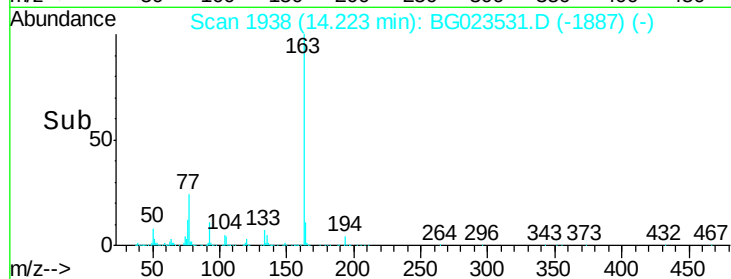
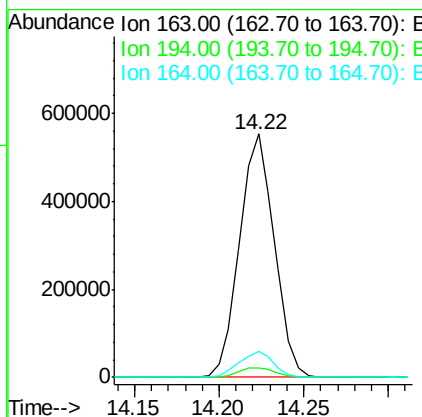
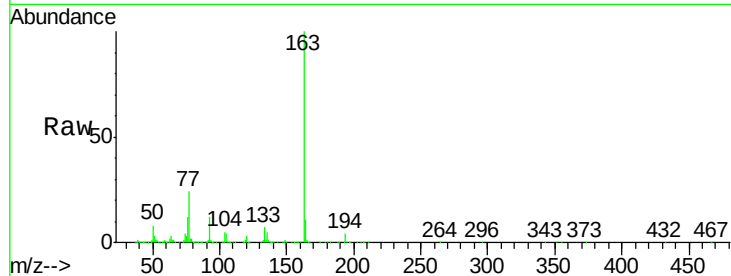
#44
 Dimethylphthalate
 Concen: 20.73 ng/ul
 RT: 14.22 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: BG023531.D
 Acq: 8 Aug 2016 10:27

Instrument :
 BNA_G
 ClientSampleId :
 SST02015

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	790977		
194	3.9		3.4	5.2
164	10.7		8.8	13.2

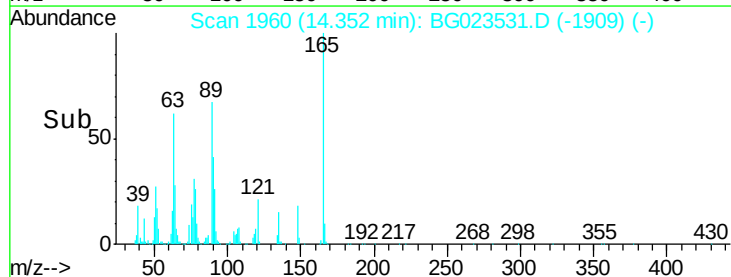
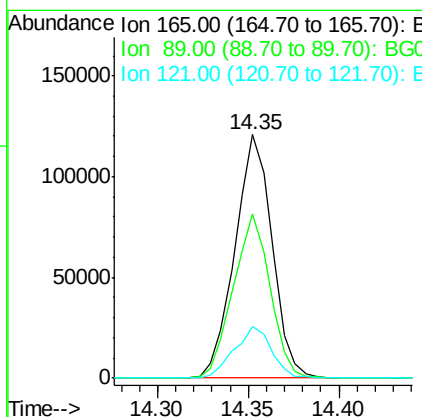
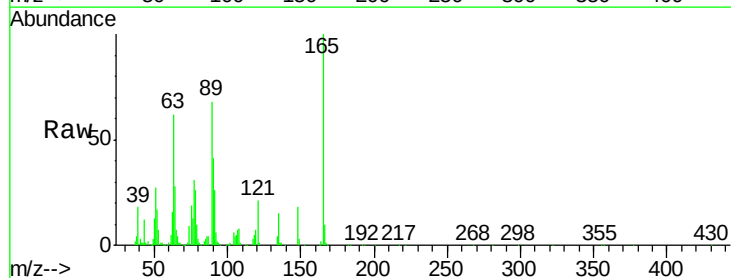
Manual Integrations
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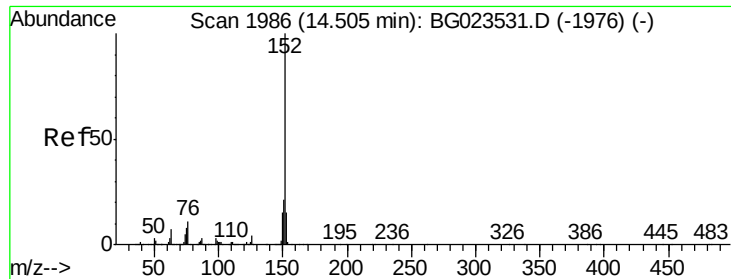
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#45
 2,6-Dinitrotoluene
 Concen: 20.90 ng/ul
 RT: 14.35 min Scan# 1960
 Delta R.T. -0.00 min
 Lab File: BG023531.D
 Acq: 8 Aug 2016 10:27

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	172850		
89	67.6		41.5	62.3#
121	21.4		17.0	25.4





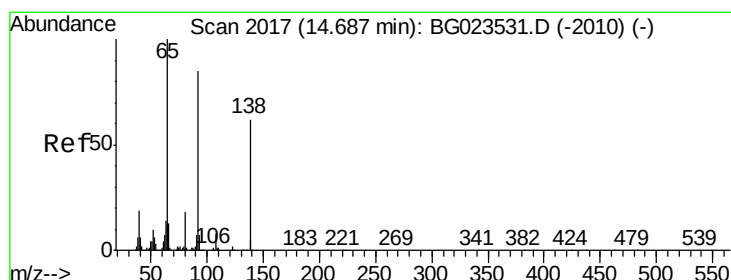
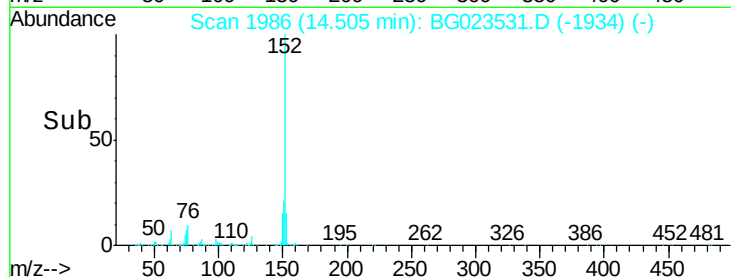
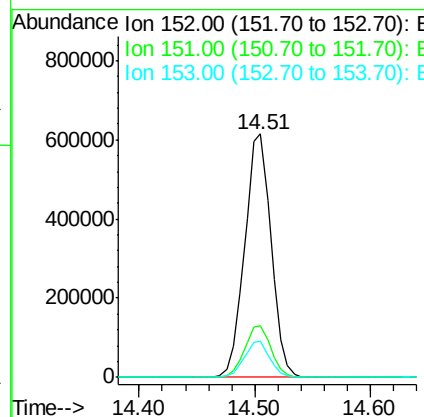
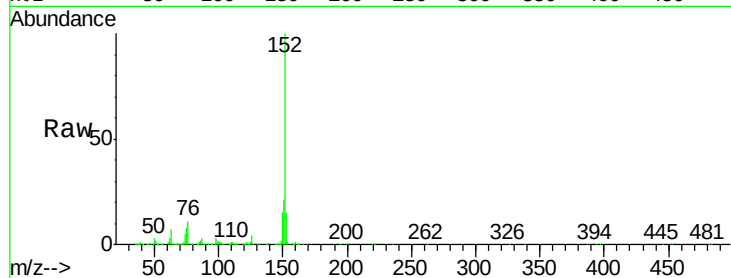
#47
Acenaphthylene
Concen: 21.46 ng/ul
RT: 14.51 min Scan# 1986
Delta R.T. 0.00 min
Lab File: BG023531.D
Acq: 8 Aug 2016 10:27

Instrument :
BNA_G
ClientSampleId :
SSTD02015

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	973388		
151	21.4		17.5	26.3
153	15.1		11.1	16.7

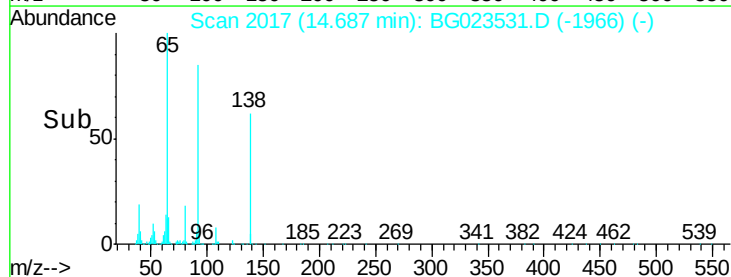
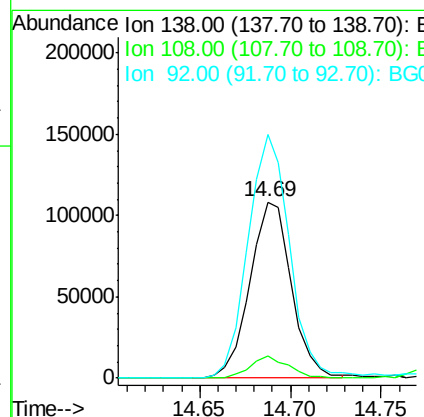
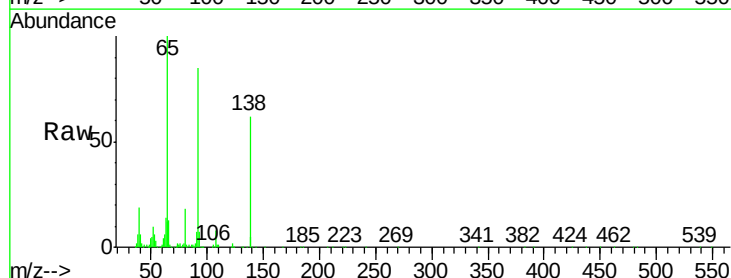
Manual Integrations
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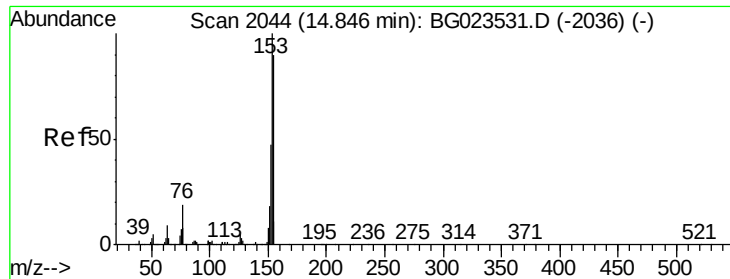
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#48
3-Nitroaniline
Concen: 22.27 ng/ul
RT: 14.69 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BG023531.D
Acq: 8 Aug 2016 10:27

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	173177		
108	12.3		6.2	9.2#
92	138.2		79.3	118.9#





#49

Acenaphthene

Concen: 21.03 ng/ul

RT: 14.85 min Scan# 2044

Delta R.T. -0.00 min

Lab File: BG023531.D

Acq: 8 Aug 2016 10:27

Instrument :

BNA_G

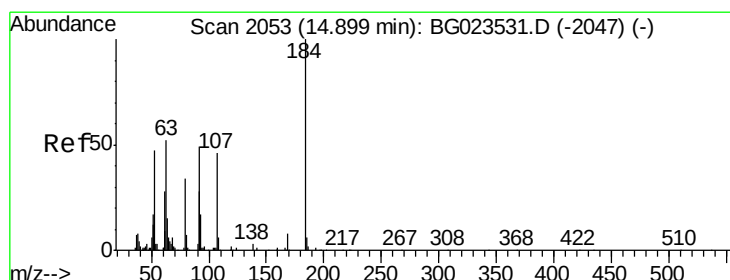
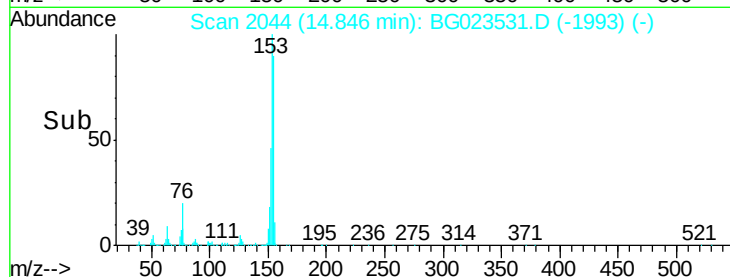
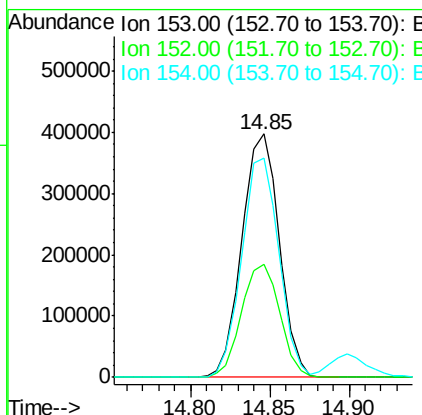
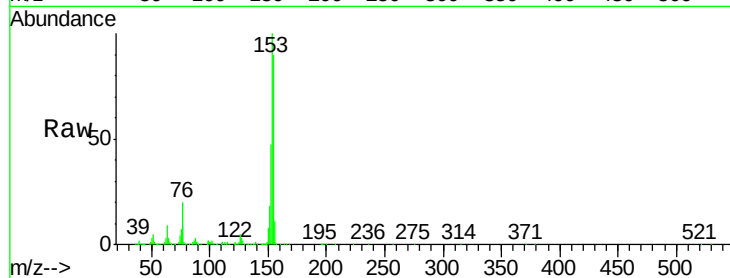
ClientSampleId :

SSTD02015

Tgt Ion:	153	Resp:	649941
Ion Ratio	Lower	Upper	
153	100		
152	46.6	37.3	55.9
154	90.0	68.2	102.2

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#50

2,4-Dinitrophenol

Concen: 18.21 ng/ul

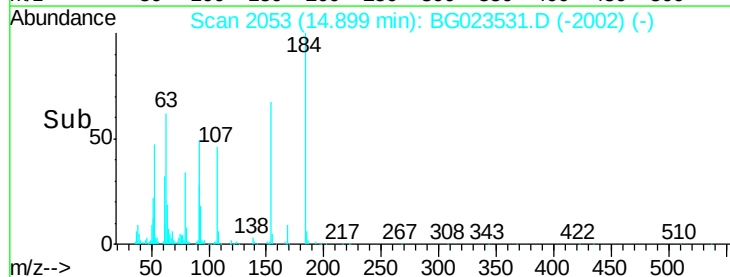
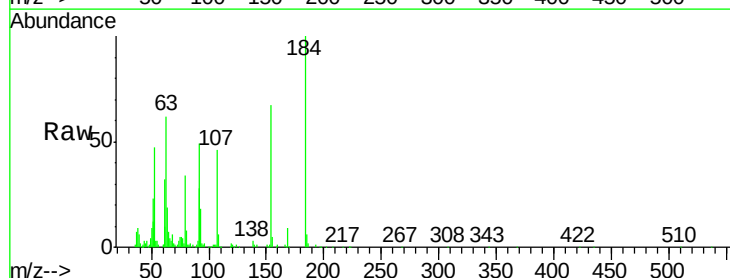
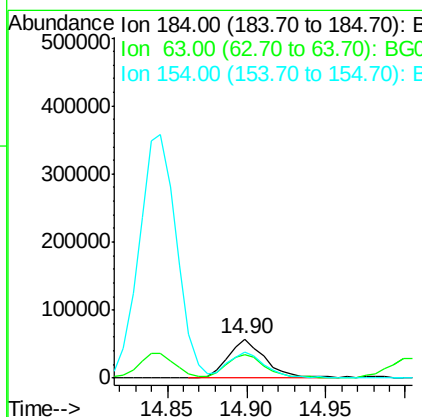
RT: 14.90 min Scan# 2053

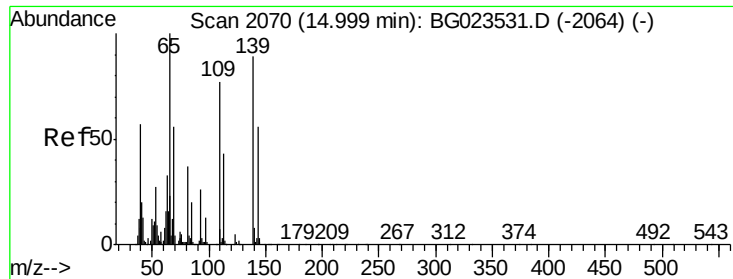
Delta R.T. -0.00 min

Lab File: BG023531.D

Acq: 8 Aug 2016 10:27

Tgt Ion:	184	Resp:	92944
Ion Ratio	Lower	Upper	
184	100		
63	61.6	40.5	60.7#
154	66.6	48.5	72.7





#52

4-Nitrophenol

Concen: 19.62 ng/ul

RT: 15.00 min Scan# 2070

Delta R.T. -0.01 min

Lab File: BG023531.D

Acq: 8 Aug 2016 10:27

Instrument :

BNA_G

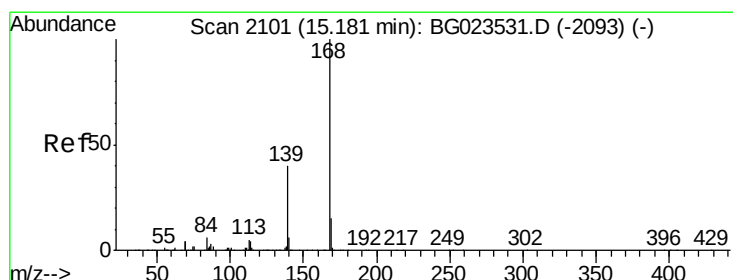
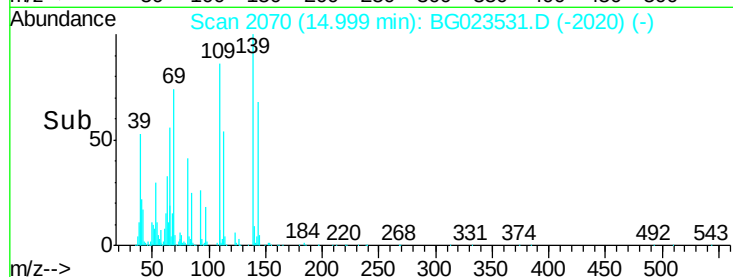
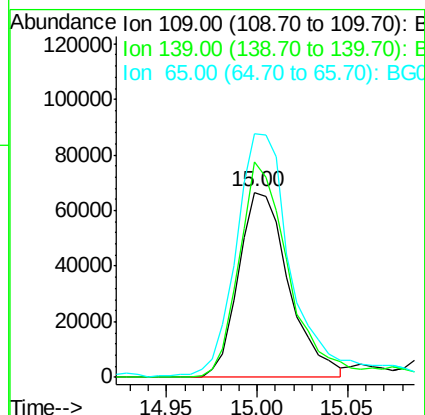
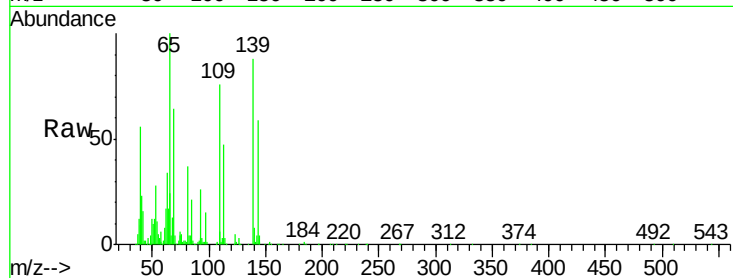
ClientSampleId :

SSTD02015

Tgt Ion	Ratio	Resp	Lower	Upper
109	100	129268		
139	116.6	136.1	204.1#	
65	131.8	106.0	159.0	

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#53

Dibenzofuran

Concen: 21.13 ng/ul

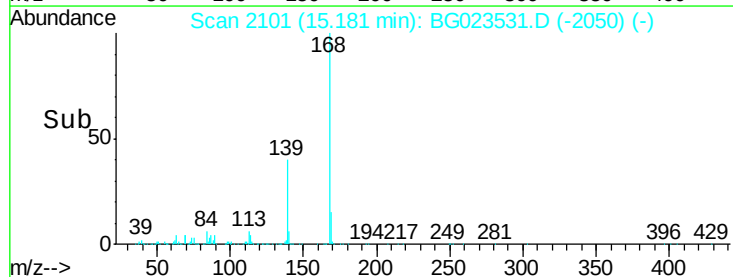
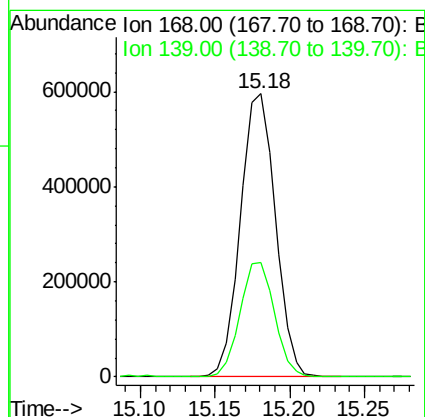
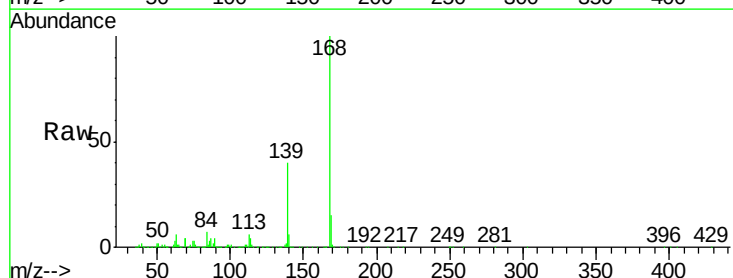
RT: 15.18 min Scan# 2101

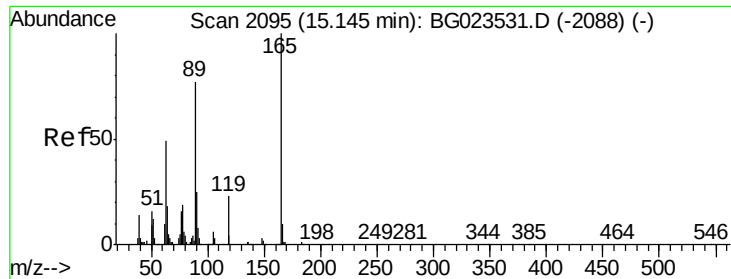
Delta R.T. -0.00 min

Lab File: BG023531.D

Acq: 8 Aug 2016 10:27

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	967627		
139	40.2	27.4	41.0	





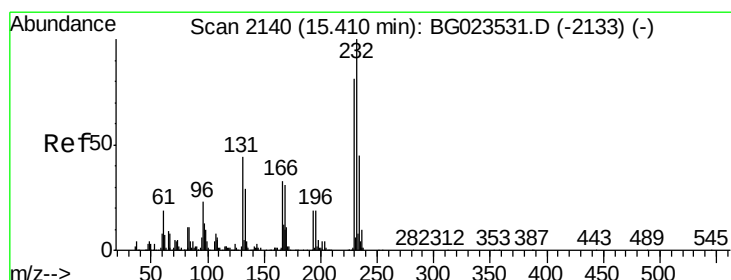
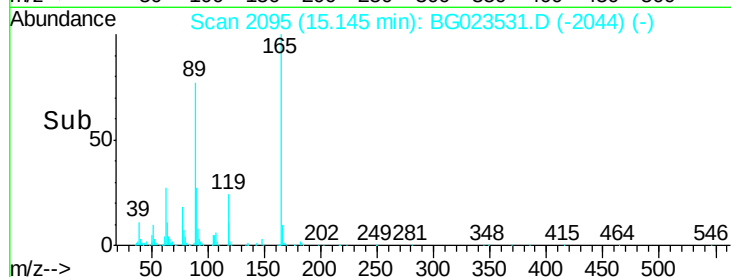
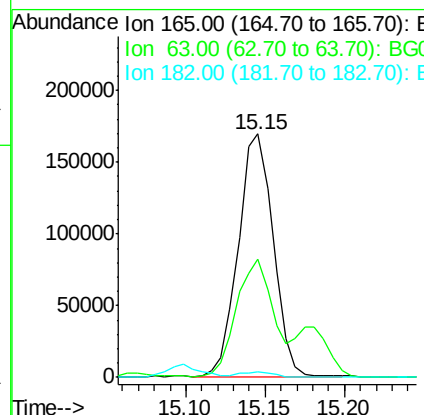
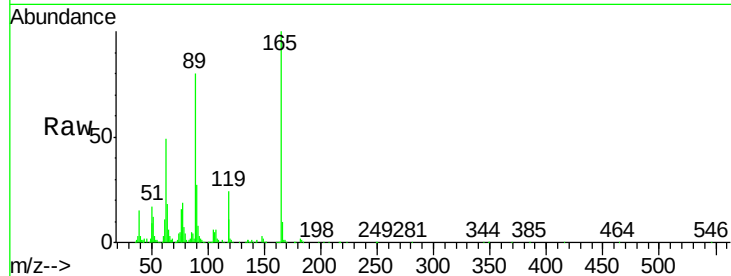
#54
2,4-Dinitrotoluene
Concen: 20.74 ng/ul
RT: 15.15 min Scan# 2095
Delta R.T. -0.00 min
Lab File: BG023531.D
Acq: 8 Aug 2016 10:27

Instrument :
BNA_G
ClientSampleId :
SSTD02015

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	259997		
63	48.7	25.7	38.5#	
182	2.5	2.1	3.1	

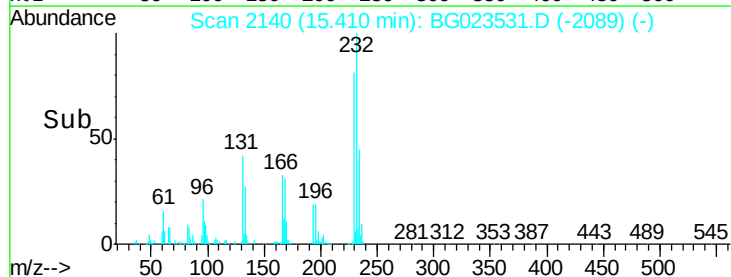
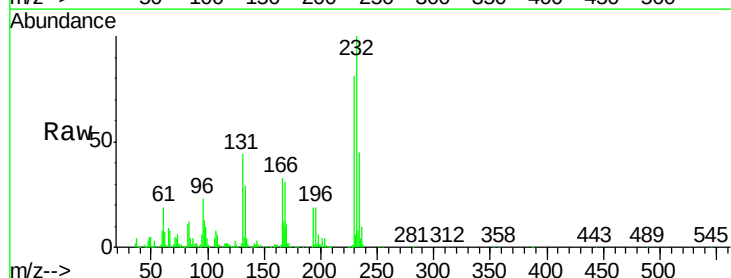
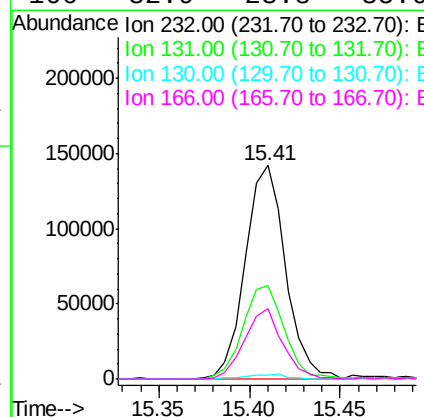
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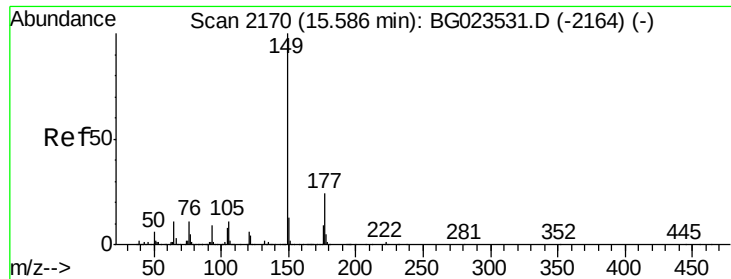
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#55
2,3,4,6-Tetrachlorophenol
Concen: 19.93 ng/ul
RT: 15.41 min Scan# 2140
Delta R.T. -0.00 min
Lab File: BG023531.D
Acq: 8 Aug 2016 10:27

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	219648		
131	43.8	34.8	52.2	
130	2.0	2.2	3.2#	
166	32.9	23.8	35.6	





#56

Diethylphthalate

Concen: 20.50 ng/ul

RT: 15.59 min Scan# 2170

Delta R.T. -0.00 min

Lab File: BG023531.D

Acq: 8 Aug 2016 10:27

Instrument :

BNA_G

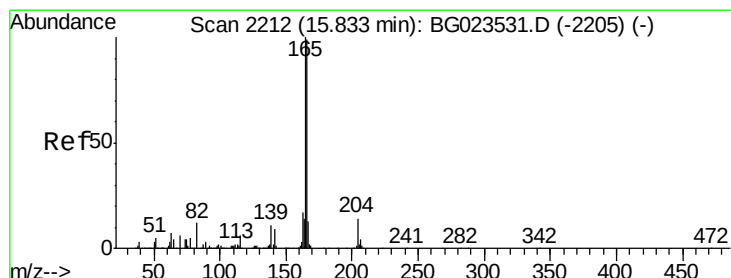
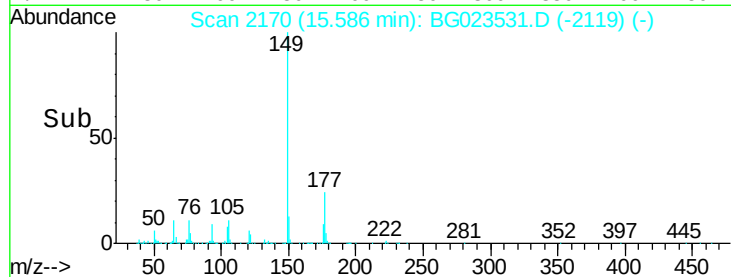
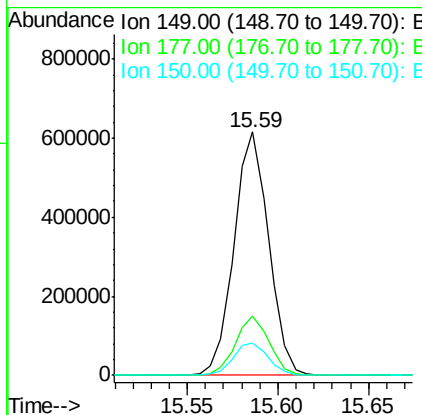
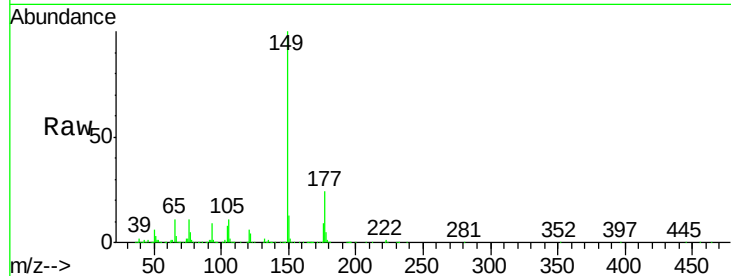
ClientSampleId :

SSTD02015

Tgt Ion:	149	Resp:	817543
Ion Ratio	Lower	Upper	
149	100		
177	24.1	17.4	26.2
150	13.1	9.6	14.4

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#58

Fluorene

Concen: 20.37 ng/ul

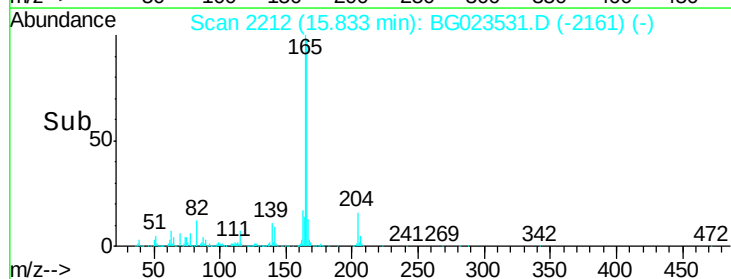
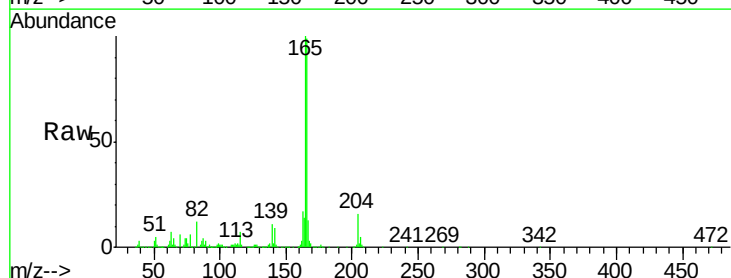
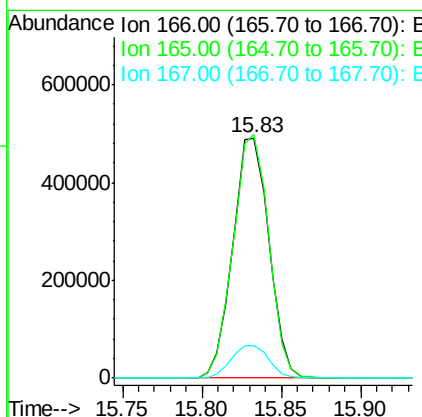
RT: 15.83 min Scan# 2212

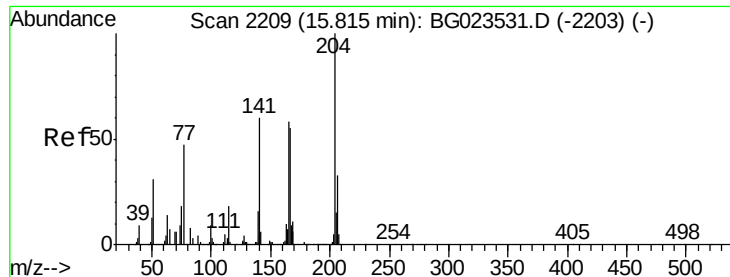
Delta R.T. -0.00 min

Lab File: BG023531.D

Acq: 8 Aug 2016 10:27

Tgt Ion:	166	Resp:	777135
Ion Ratio	Lower	Upper	
166	100		
165	101.5	80.3	120.5
167	13.7	10.3	15.5





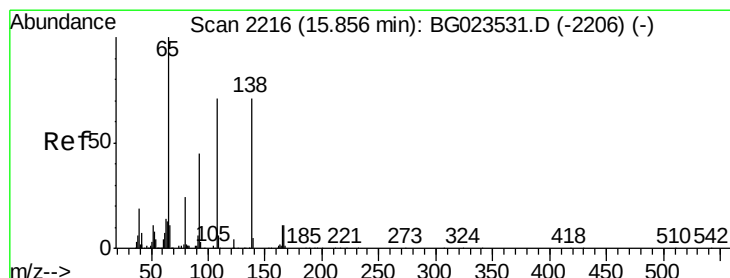
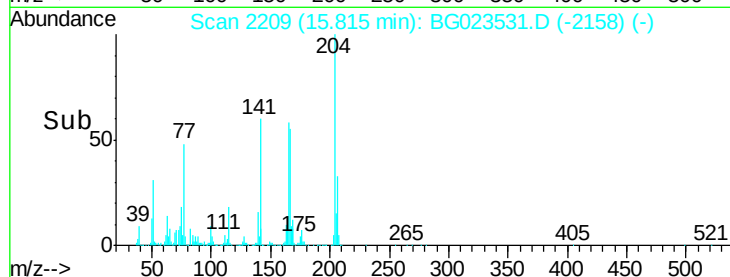
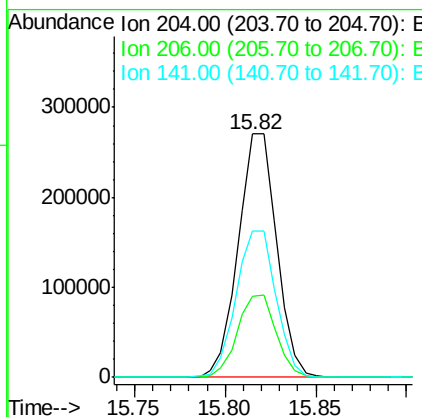
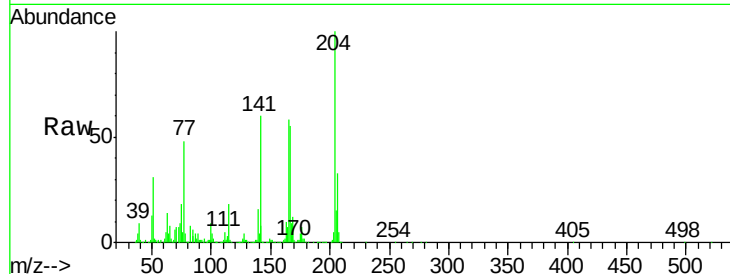
#59
 4-Chlorophenyl-phenylether
 Concen: 20.91 ng/ul
 RT: 15.82 min Scan# 2209
 Delta R.T. -0.00 min
 Lab File: BG023531.D
 Acq: 8 Aug 2016 10:27

Instrument :
 BNA_G
 ClientSampleId :
 SST02015

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	401224		
206	33.0	27.4	41.2	
141	60.0	47.1	70.7	

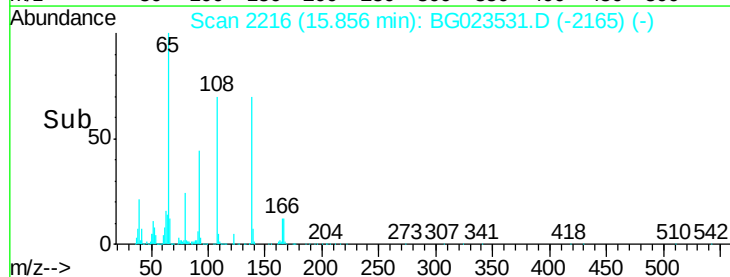
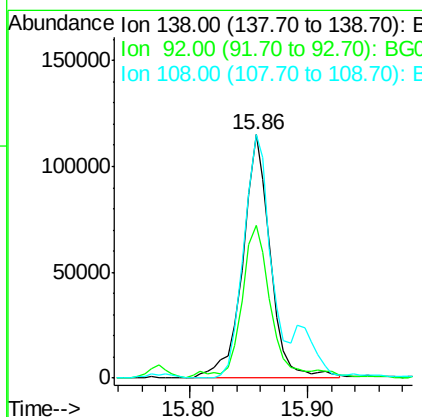
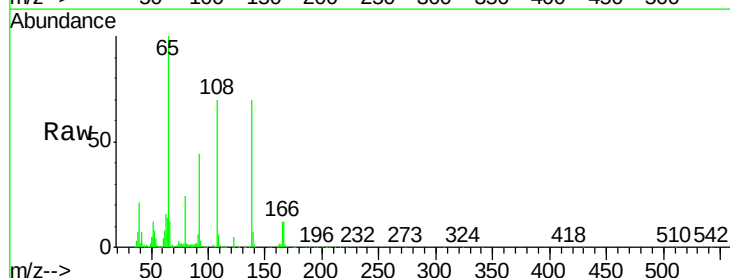
Manual Integrations
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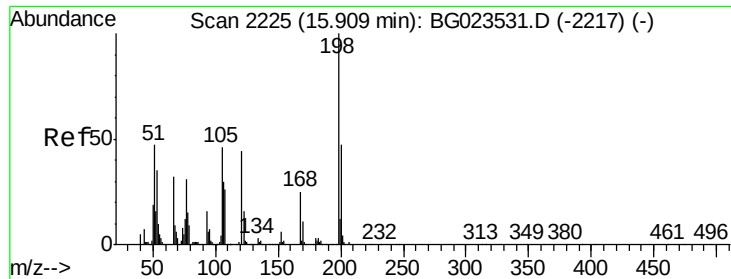
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#60
 4-Nitroaniline
 Concen: 20.71 ng/ul m
 RT: 15.86 min Scan# 2216
 Delta R.T. -0.00 min
 Lab File: BG023531.D
 Acq: 8 Aug 2016 10:27

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	186741		
92	62.9	39.0	58.4#	
108	100.2	49.2	73.8#	





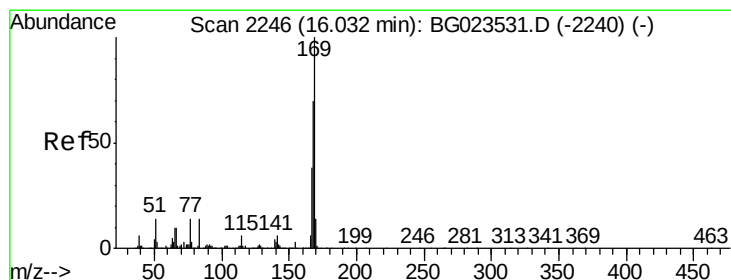
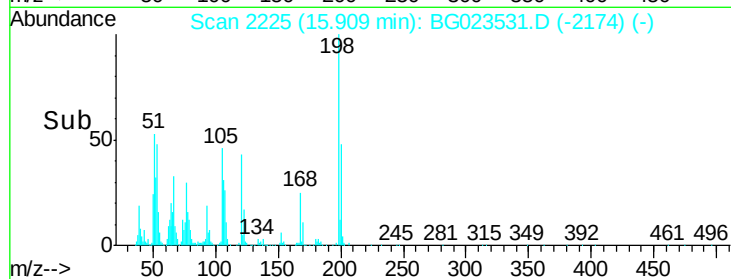
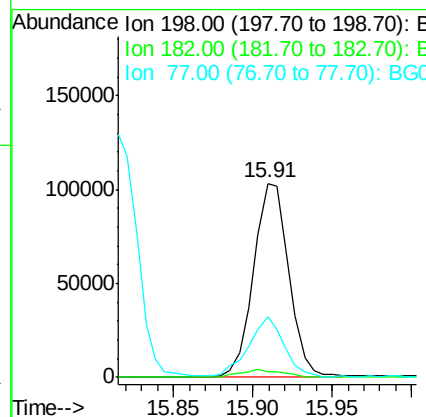
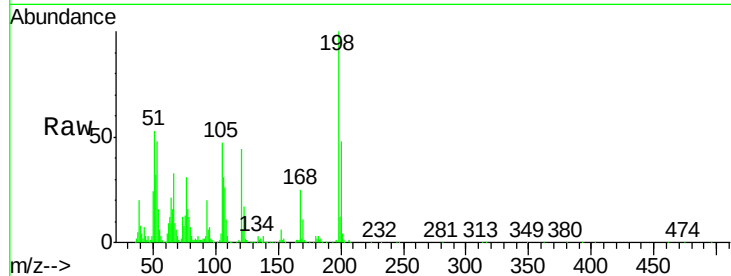
#63
 4,6-Dinitro-2-methylphenol
 Concen: 20.51 ng/ul
 RT: 15.91 min Scan# 2225
 Delta R.T. -0.00 min
 Lab File: BG023531.D
 Acq: 8 Aug 2016 10:27

Instrument :
 BNA_G
 ClientSampleId :
 SST02015

Tgt Ion	Ratio	Lower	Upper
198	100		
182	3.0	4.2	6.2#
77	31.4	16.7	25.1#

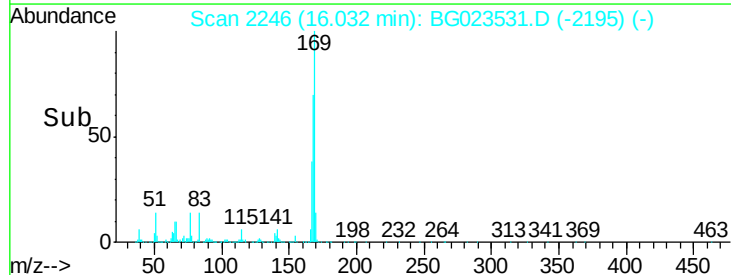
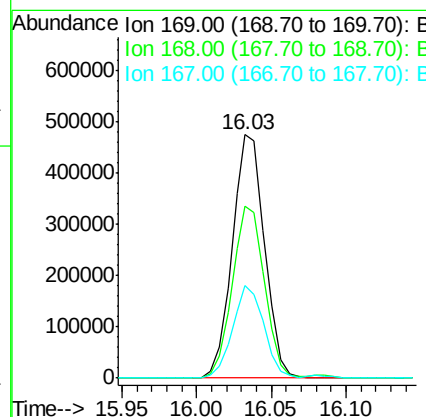
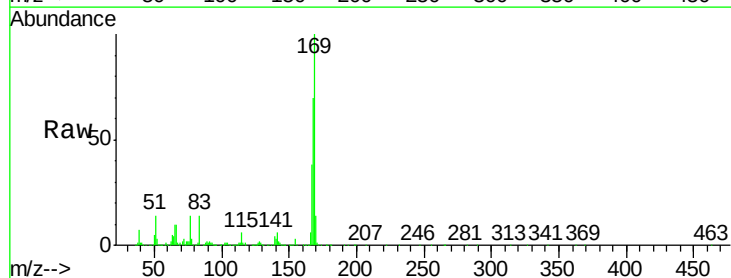
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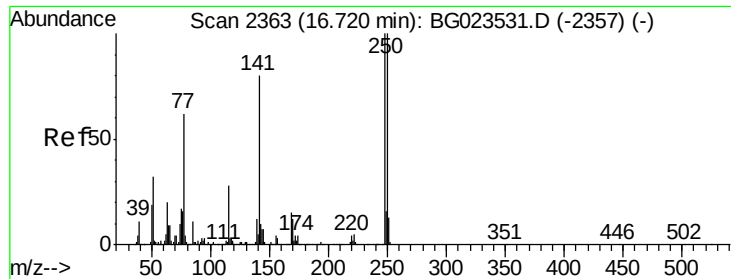
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#64
 N-Nitrosodiphenylamine
 Concen: 22.10 ng/ul
 RT: 16.03 min Scan# 2246
 Delta R.T. -0.00 min
 Lab File: BG023531.D
 Acq: 8 Aug 2016 10:27

Tgt Ion	Ratio	Lower	Upper
169	100		
168	70.5	59.0	88.6
167	38.2	30.6	46.0





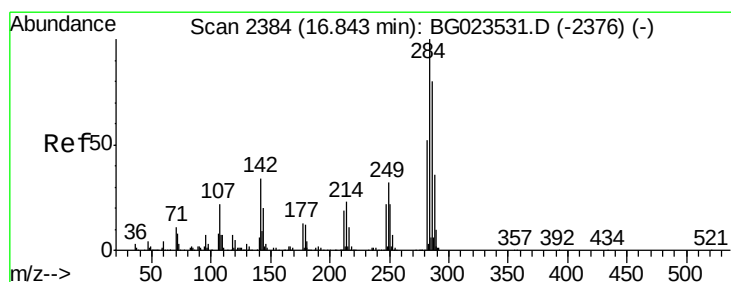
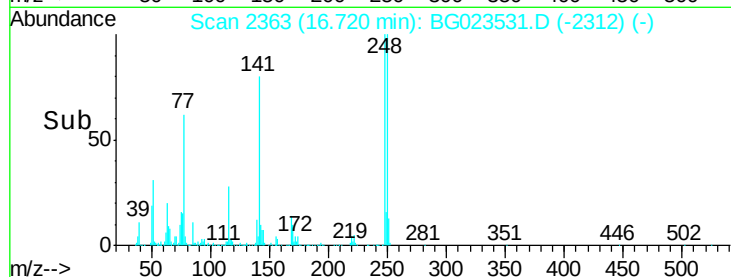
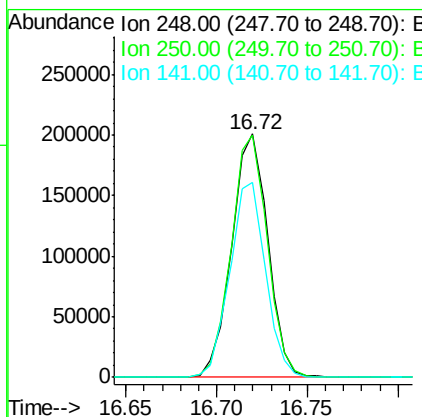
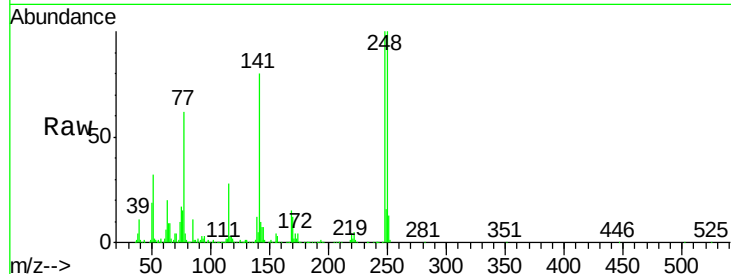
#65
4-Bromophenyl-phenylether
Concen: 20.93 ng/ul
RT: 16.72 min Scan# 2363
Delta R.T. -0.00 min
Lab File: BG023531.D
Acq: 8 Aug 2016 10:27

Instrument :
BNA_G
ClientSampleId :
SSTD02015

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	278772		
250	99.8	76.6	114.8	
141	80.2	61.8	92.6	

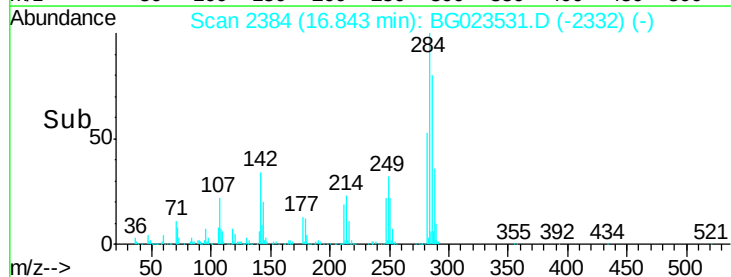
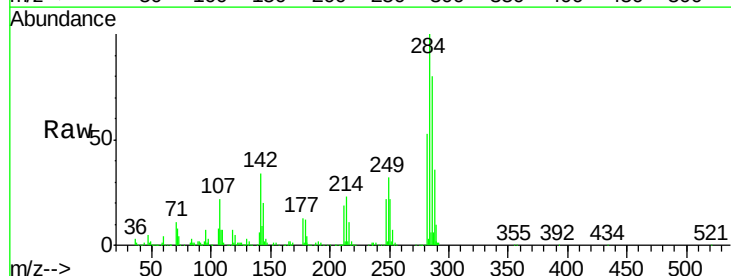
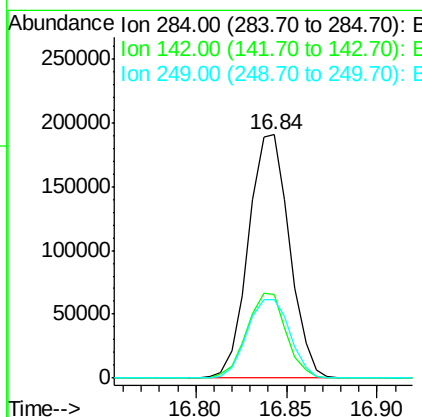
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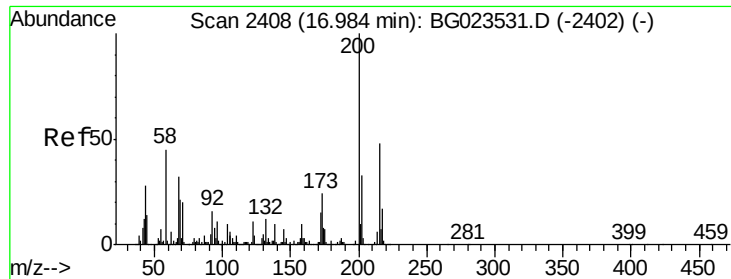
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#66
Hexachlorobenzene
Concen: 21.25 ng/ul
RT: 16.84 min Scan# 2384
Delta R.T. 0.00 min
Lab File: BG023531.D
Acq: 8 Aug 2016 10:27

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	301550		
142	34.3	27.8	41.8	
249	32.2	24.4	36.6	





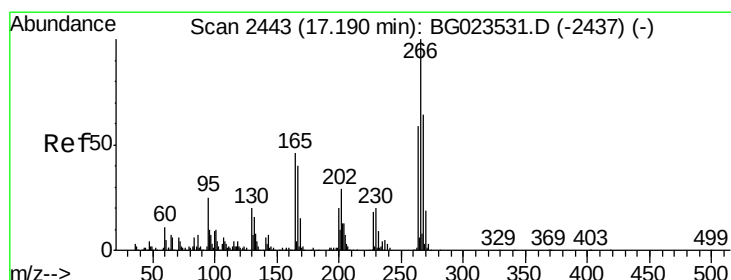
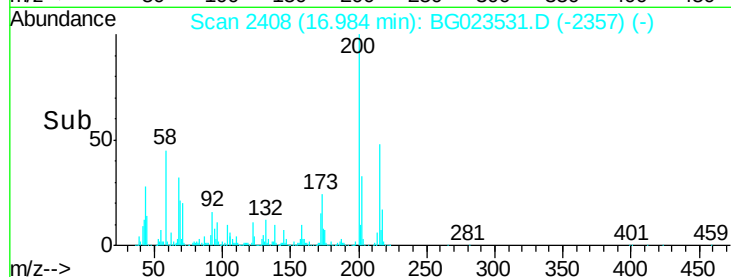
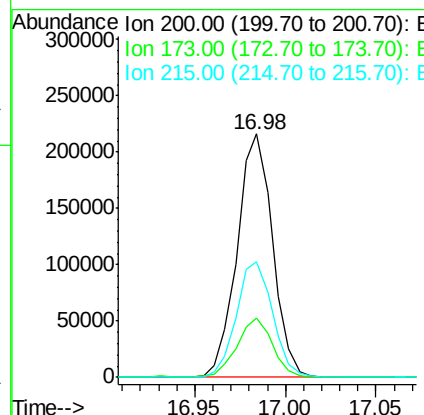
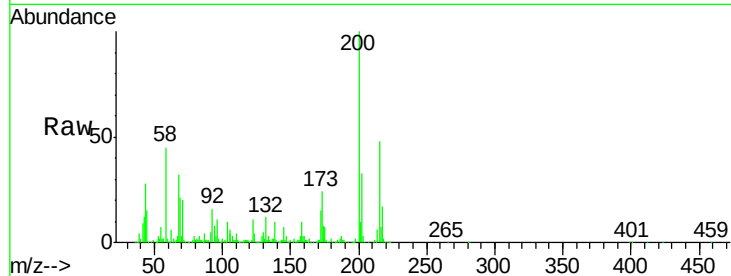
#67
Atrazine
Concen: 21.88 ng/ul
RT: 16.98 min Scan# 2408
Delta R.T. -0.00 min
Lab File: BG023531.D
Acq: 8 Aug 2016 10:27

Instrument :
BNA_G
ClientSampleId :
SSTD02015

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	24.2	21.0	31.6
215	47.6	37.9	56.9

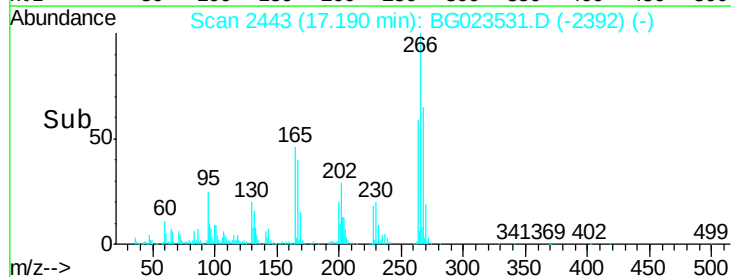
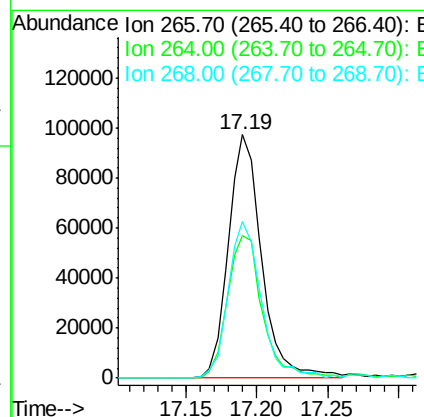
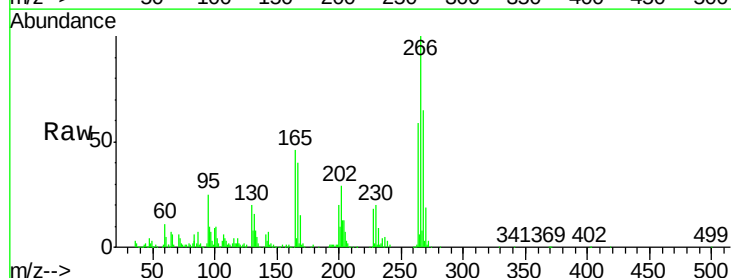
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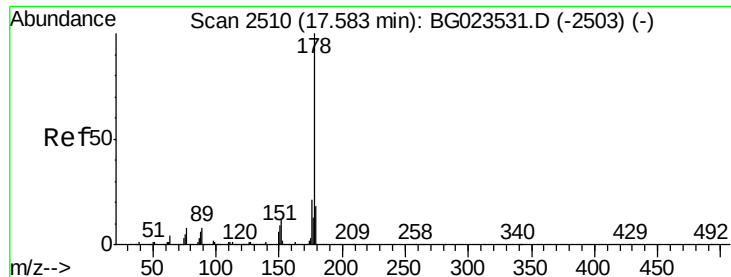
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#68
Pentachlorophenol
Concen: 20.41 ng/ul
RT: 17.19 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG023531.D
Acq: 8 Aug 2016 10:27

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
264	58.7	54.7	82.1
268	64.5	57.8	86.8





#69

Phenanthrene

Concen: 21.57 ng/ul

RT: 17.58 min Scan# 2510

Delta R.T. -0.00 min

Lab File: BG023531.D

Acq: 8 Aug 2016 10:27

Instrument :

BNA_G

ClientSampleId :

SSTD02015

Tgt Ion:178 Resp: 1297592

Ion Ratio Lower Upper

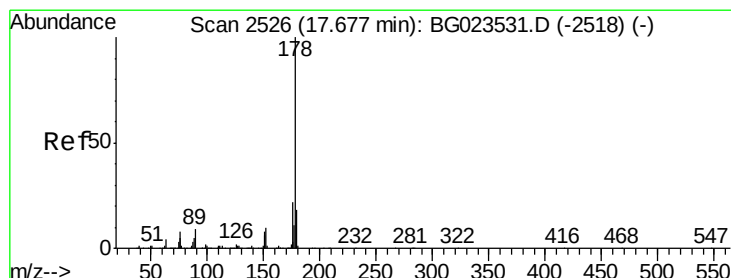
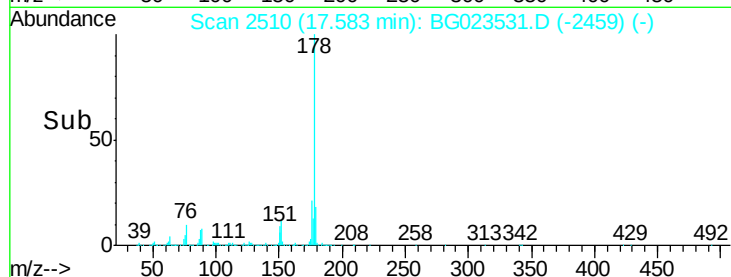
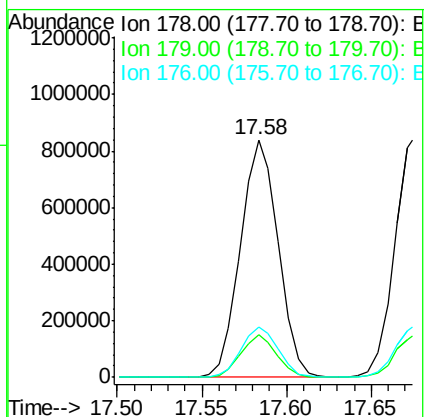
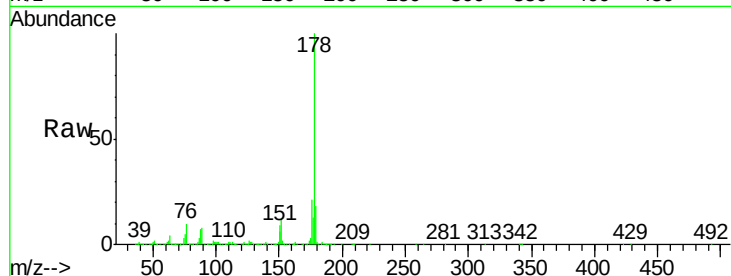
178 100

179 17.9 12.9 19.3

176 21.3 15.8 23.8

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#71

Anthracene

Concen: 21.88 ng/ul

RT: 17.68 min Scan# 2526

Delta R.T. -0.00 min

Lab File: BG023531.D

Acq: 8 Aug 2016 10:27

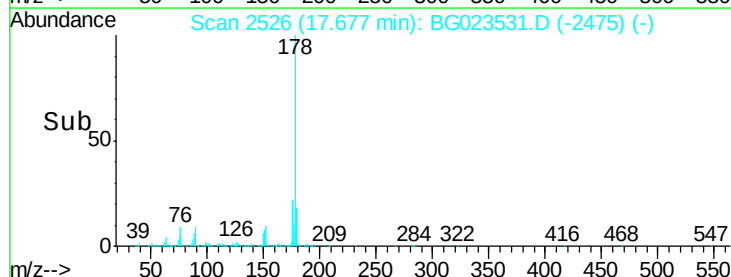
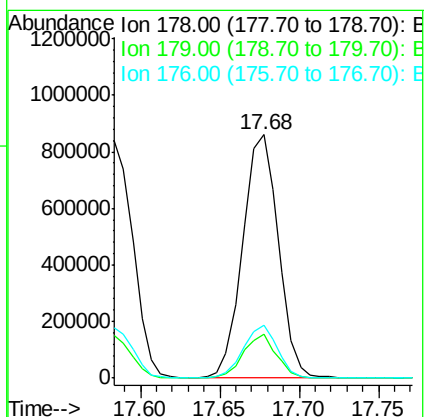
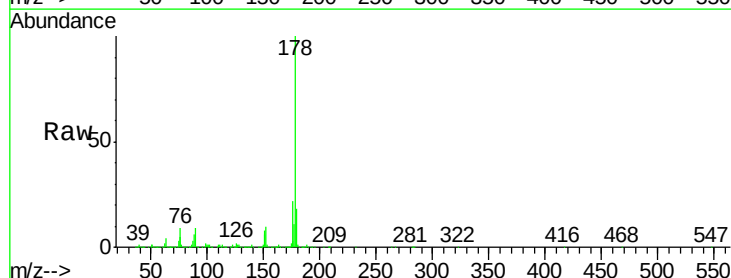
Tgt Ion:178 Resp: 1342631

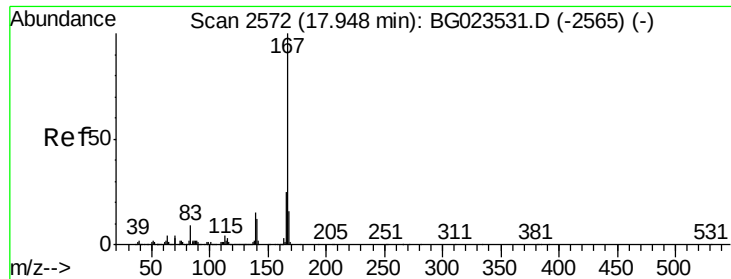
Ion Ratio Lower Upper

178 100

179 18.2 12.3 18.5

176 21.7 16.3 24.5





#72

Carbazole

Concen: 23.38 ng/ul

RT: 17.95 min Scan# 2572

Delta R.T. -0.00 min

Lab File: BG023531.D

Acq: 8 Aug 2016 10:27

Instrument :

BNA_G

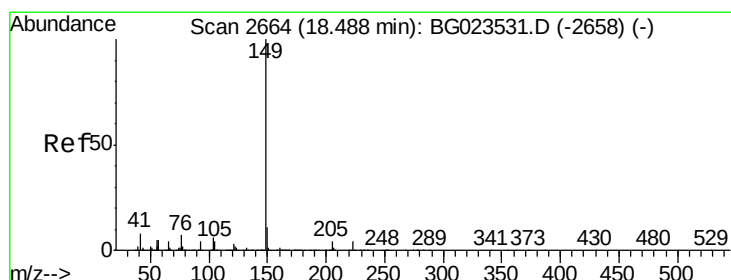
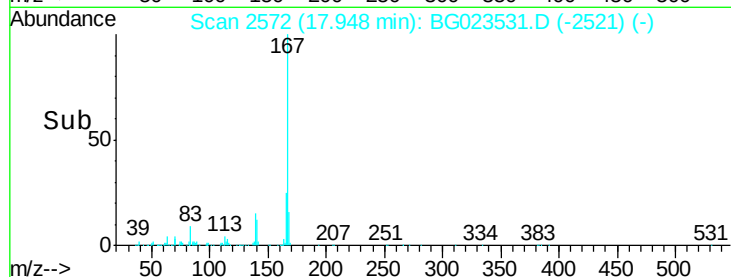
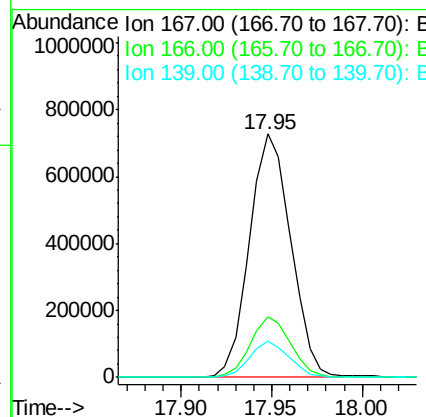
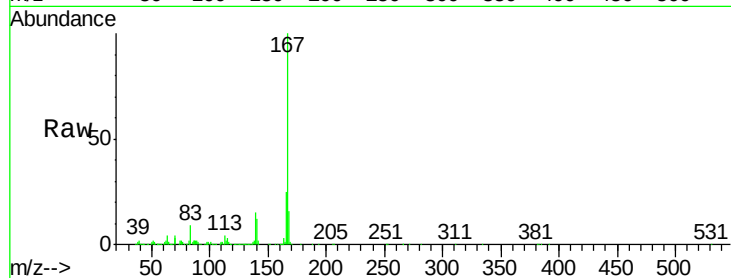
ClientSampleId :

SSTD02015

Tgt Ion:	167	Resp:	1156377
Ion	Ratio	Lower	Upper
167	100		
166	24.6	19.2	28.8
139	15.0	10.2	15.4

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#73

Di-n-butylphthalate

Concen: 22.32 ng/ul

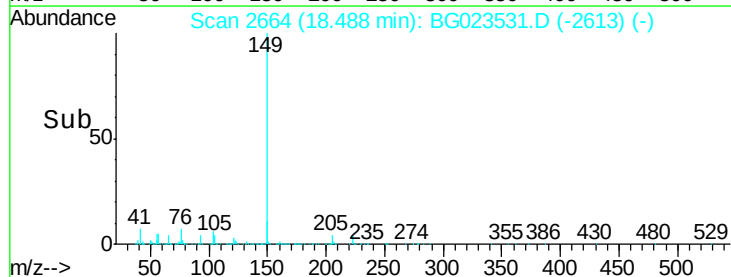
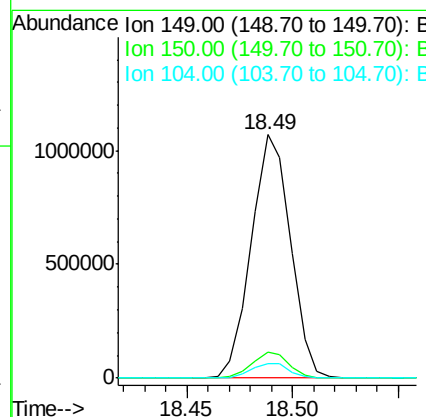
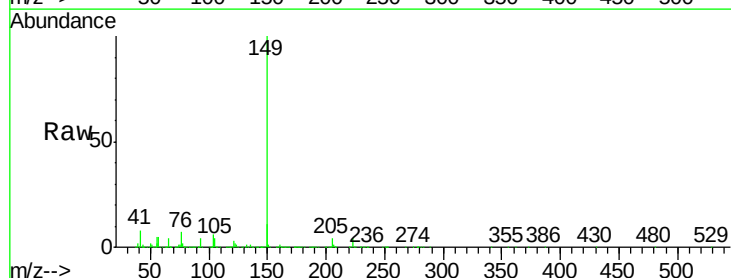
RT: 18.49 min Scan# 2664

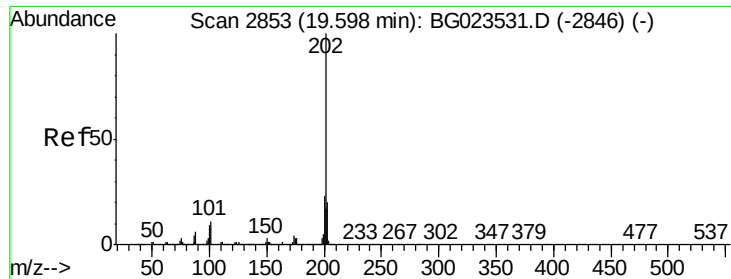
Delta R.T. -0.00 min

Lab File: BG023531.D

Acq: 8 Aug 2016 10:27

Tgt Ion:	149	Resp:	1382436
Ion	Ratio	Lower	Upper
149	100		
150	10.6	7.1	10.7
104	6.2	3.3	4.9





#74

Fluoranthene

Concen: 24.39 ng/ul

RT: 19.60 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BG023531.D

Acq: 8 Aug 2016 10:27

Instrument :

BNA_G

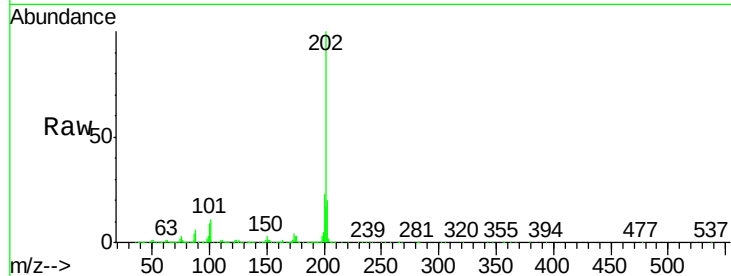
ClientSampleId :

SSTD02015

Tgt	Ion	Ratio	Lower	Upper
202	100			
101	10.7	10.6	16.0	
100	8.7	8.7	13.1	

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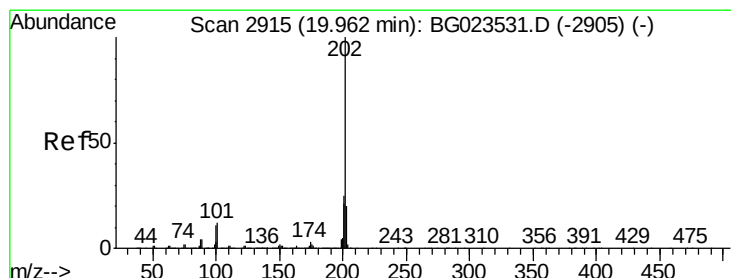
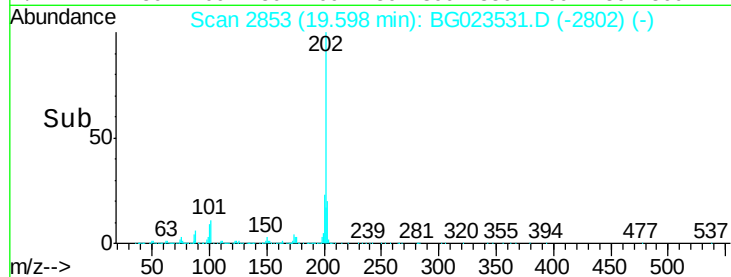
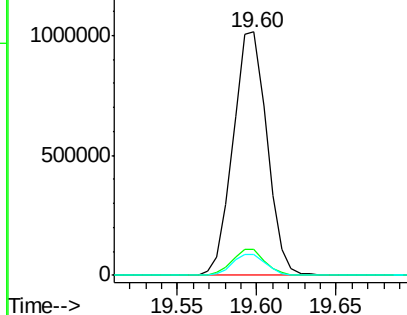
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#77

Pyrene

Concen: 21.15 ng/ul

RT: 19.96 min Scan# 2915

Delta R.T. -0.00 min

Lab File: BG023531.D

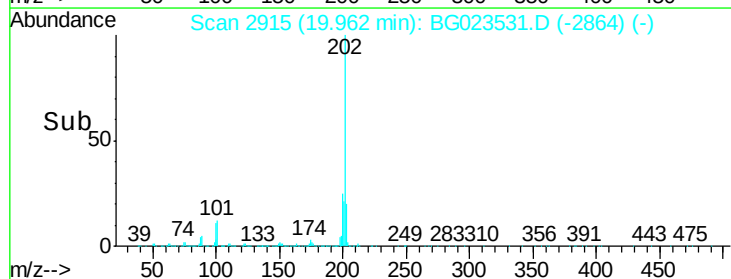
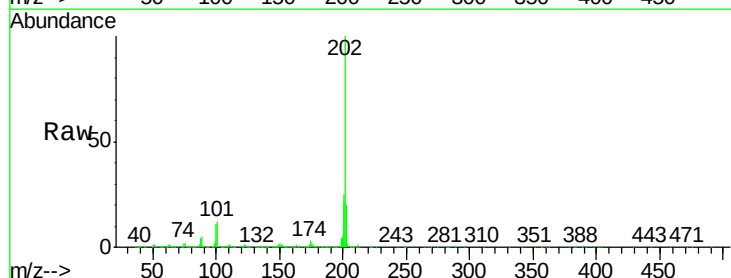
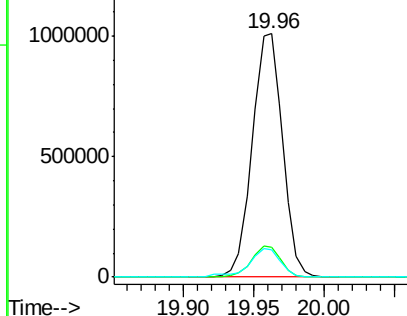
Acq: 8 Aug 2016 10:27

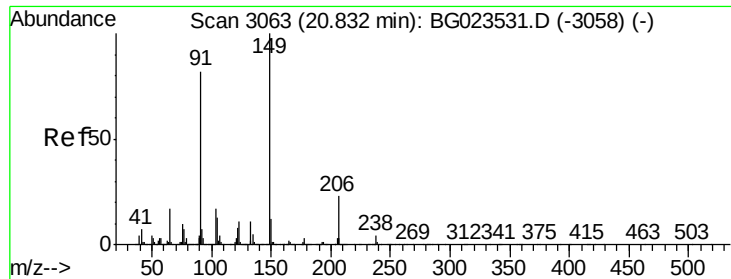
Tgt	Ion	Ratio	Lower	Upper
202	100			
101	12.3	12.5	18.7	
100	11.1	10.2	15.4	

Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#78

Butylbenzylphthalate

Concen: 22.30 ng/ul

RT: 20.83 min Scan# 3063

Delta R.T. -0.01 min

Lab File: BG023531.D

Acq: 8 Aug 2016 10:27

Instrument :

BNA_G

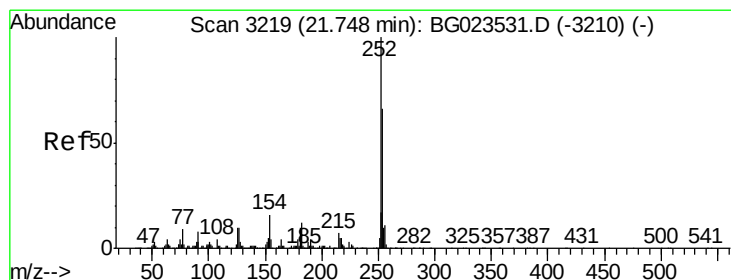
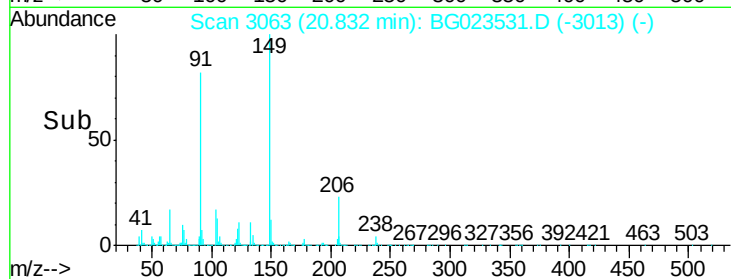
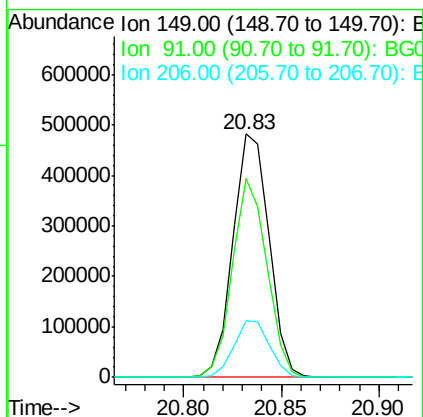
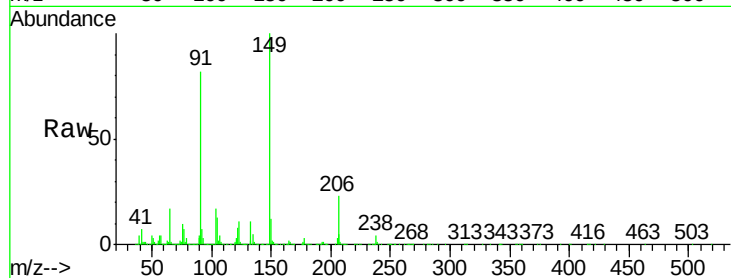
ClientSampleId :

SSTD02015

Tgt Ion:	149	Resp:	615604
Ion Ratio	Lower	Upper	
149	100		
91	81.5	54.2	81.4#
206	23.4	14.1	21.1#

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#79

3,3'-Dichlorobenzidine

Concen: 23.74 ng/ul

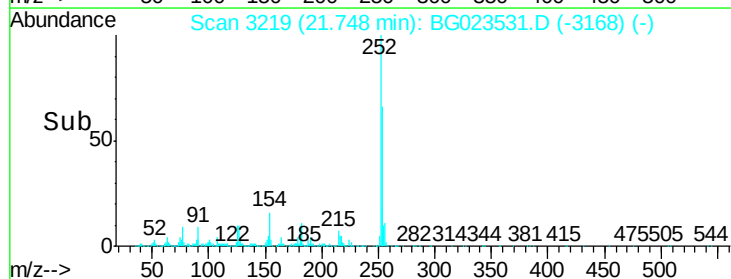
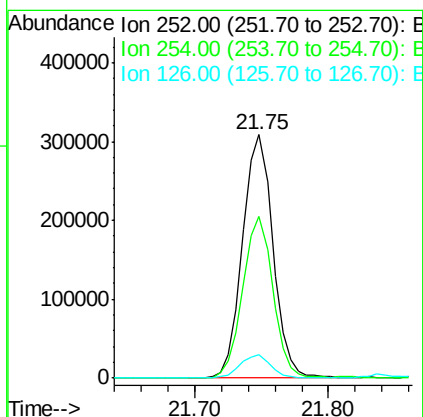
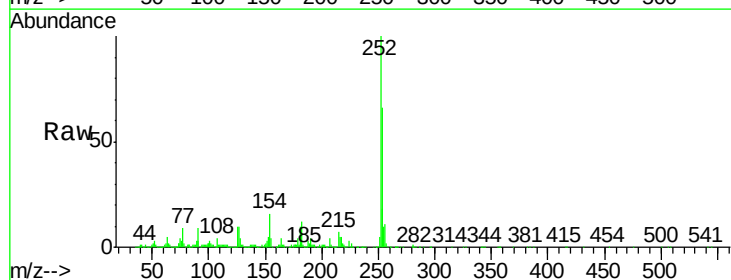
RT: 21.75 min Scan# 3219

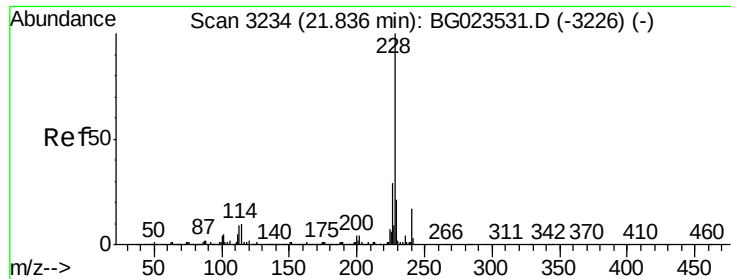
Delta R.T. -0.00 min

Lab File: BG023531.D

Acq: 8 Aug 2016 10:27

Tgt Ion:	252	Resp:	487007
Ion Ratio	Lower	Upper	
252	100		
254	66.2	51.4	77.2
126	9.8	10.7	16.1#





#80

Benzo(a)anthracene

Concen: 21.64 ng/ul

RT: 21.84 min Scan# 3234

Delta R.T. -0.00 min

Lab File: BG023531.D

Acq: 8 Aug 2016 10:27

Instrument :

BNA_G

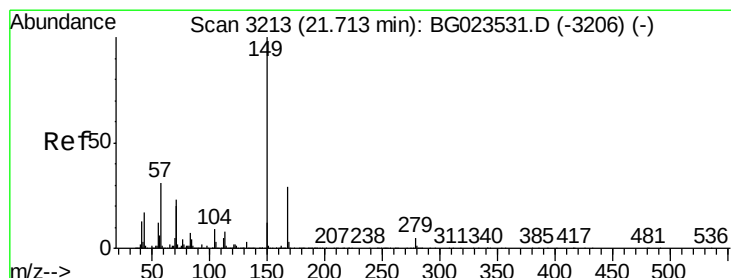
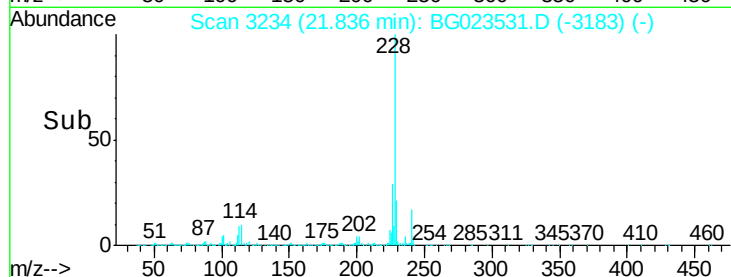
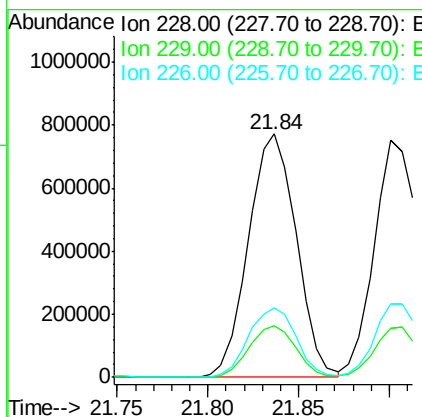
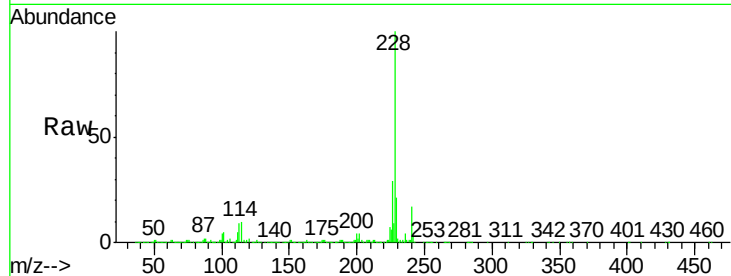
ClientSampleId :

SSTD02015

Tgt Ion:	228	Resp:	1418831
Ion Ratio	Lower	Upper	
228	100		
229	21.3	15.4	23.2
226	28.7	22.8	34.2

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#81

Bis(2-ethylhexyl)phthalate

Concen: 22.68 ng/ul

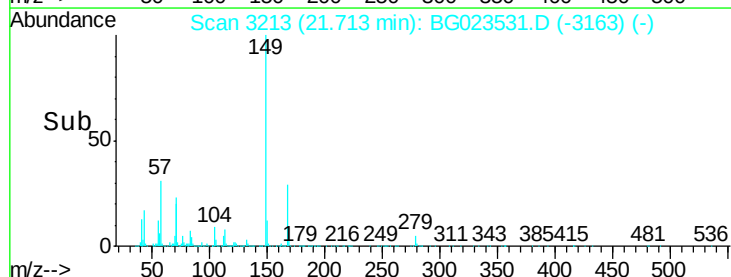
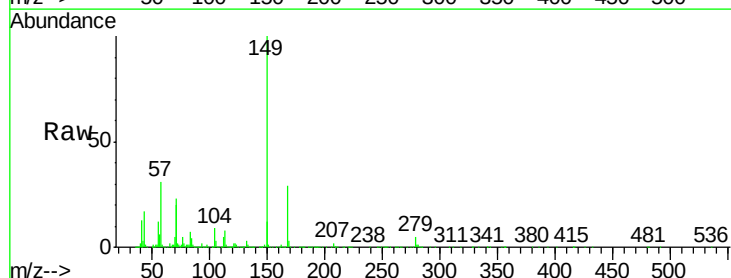
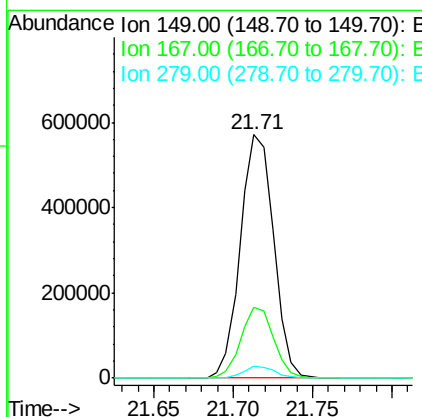
RT: 21.71 min Scan# 3213

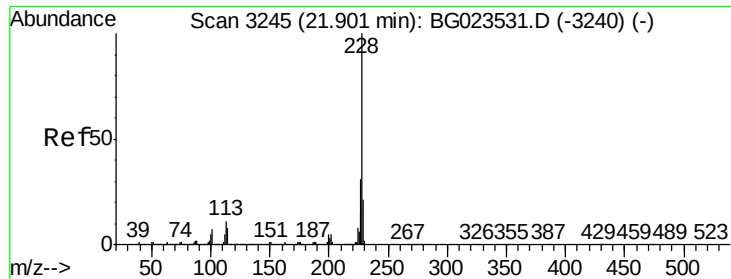
Delta R.T. -0.01 min

Lab File: BG023531.D

Acq: 8 Aug 2016 10:27

Tgt Ion:	149	Resp:	832615
Ion Ratio	Lower	Upper	
149	100		
167	29.0	21.9	32.9
279	4.7	2.9	4.3#





#82

Chrysene

Concen: 21.47 ng/ul

RT: 21.90 min Scan# 3245

Delta R.T. -0.01 min

Lab File: BG023531.D

Acq: 8 Aug 2016 10:27

Instrument :

BNA_G

ClientSampleId :

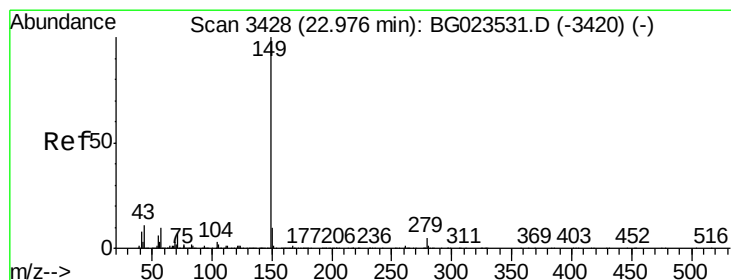
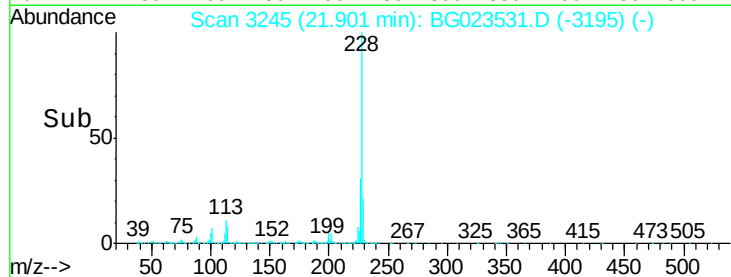
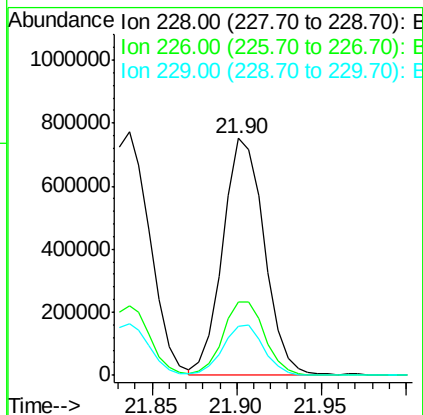
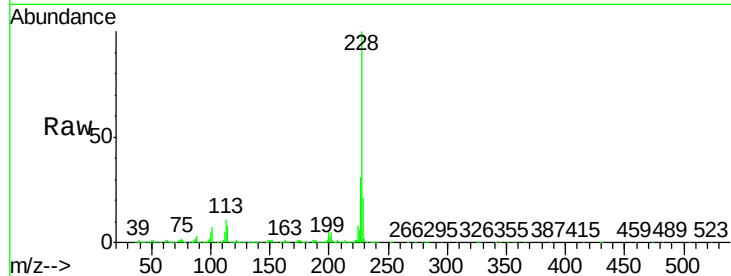
SSTD02015

Tgt Ion:228 Resp: 1280133

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.2	36.4
229	20.5	15.0	22.6

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#84

Di-n-octyl phthalate

Concen: 23.83 ng/ul

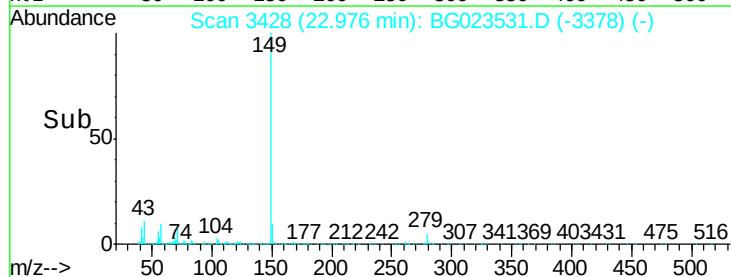
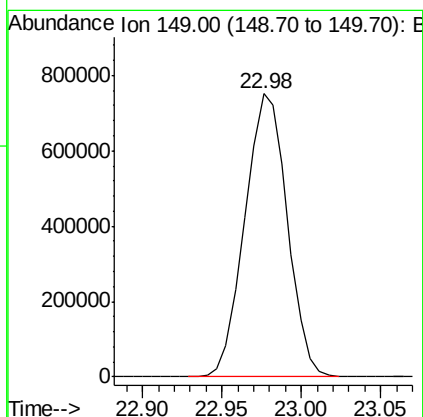
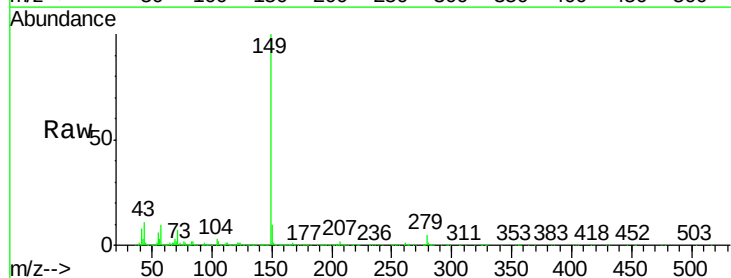
RT: 22.98 min Scan# 3428

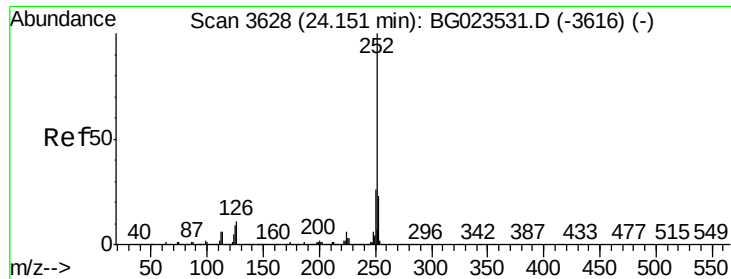
Delta R.T. -0.01 min

Lab File: BG023531.D

Acq: 8 Aug 2016 10:27

Tgt Ion:149 Resp: 1397476





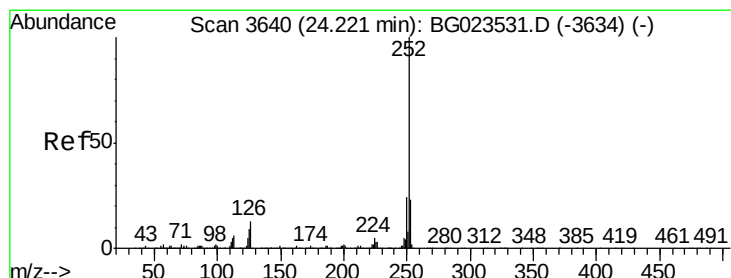
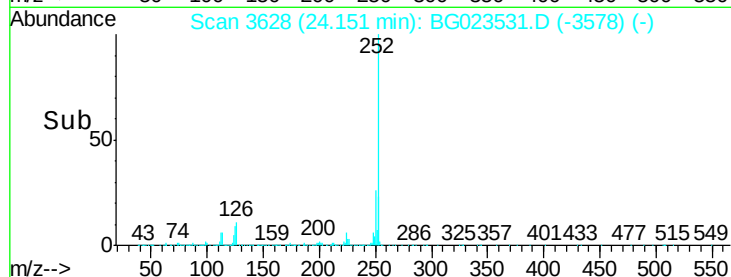
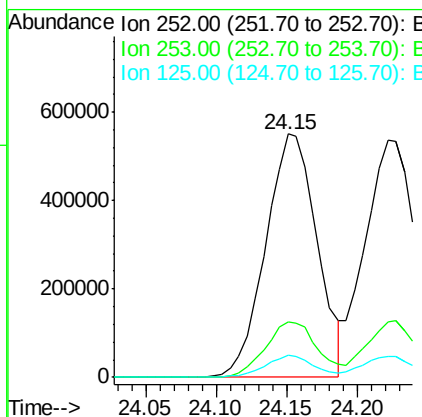
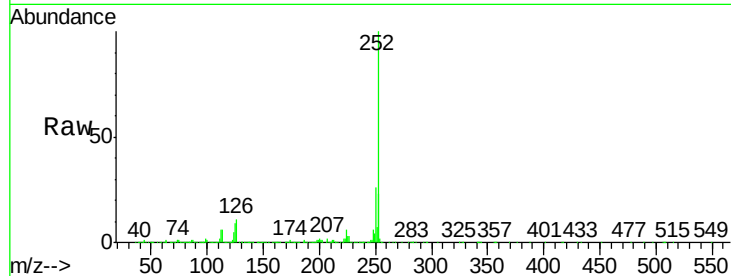
#85
Benzo(b)fluoranthene
Concen: 21.11 ng/ul
RT: 24.15 min Scan# 3628
Delta R.T. -0.01 min
Lab File: BG023531.D
Acq: 8 Aug 2016 10:27

Instrument :
BNA_G
ClientSampleId :
SSTD02015

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.2
125	9.0	10.8	16.2

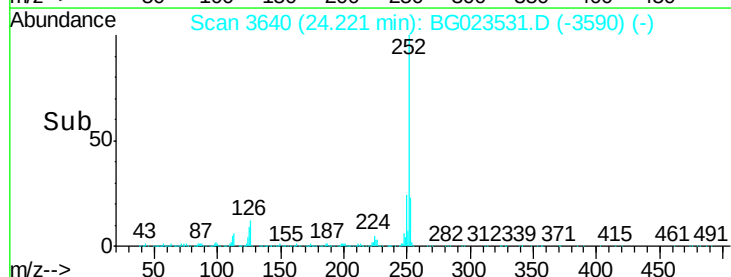
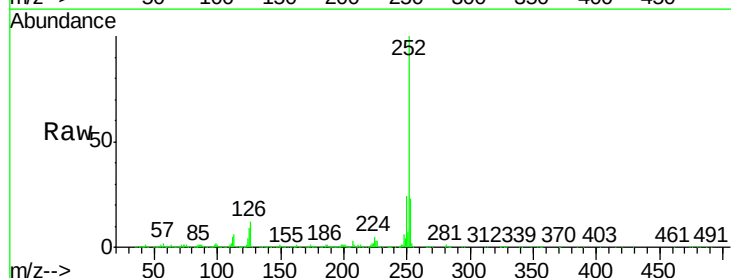
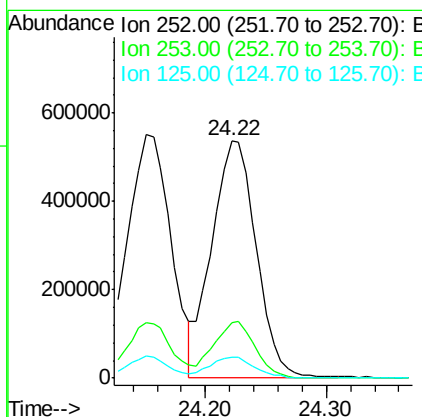
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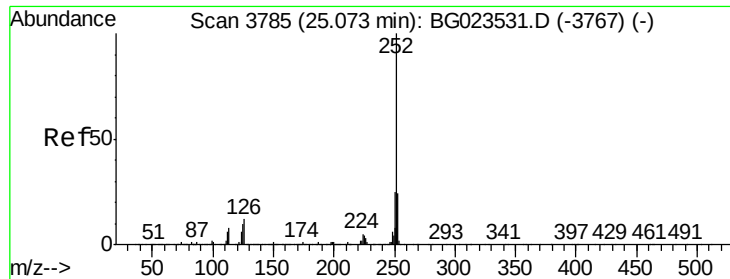
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#86
Benzo(k)fluoranthene
Concen: 21.09 ng/ul
RT: 24.22 min Scan# 3640
Delta R.T. -0.01 min
Lab File: BG023531.D
Acq: 8 Aug 2016 10:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	15.8	23.6
125	9.0	10.6	16.0





#88

Benzo(a)pyrene

Concen: 21.16 ng/ul

RT: 25.07 min Scan# 3785

Delta R.T. -0.00 min

Lab File: BG023531.D

Acq: 8 Aug 2016 10:27

Instrument :

BNA_G

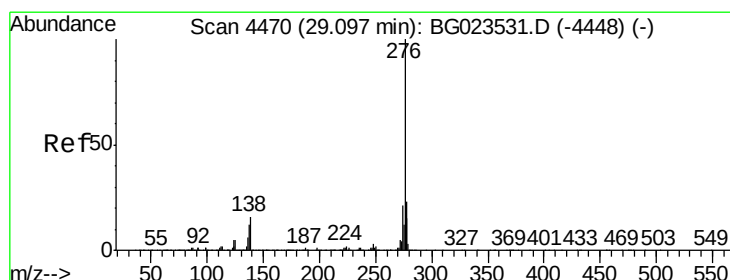
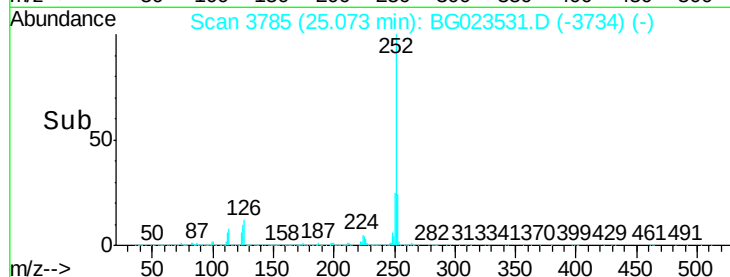
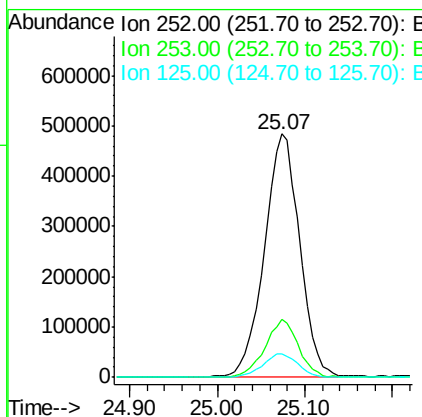
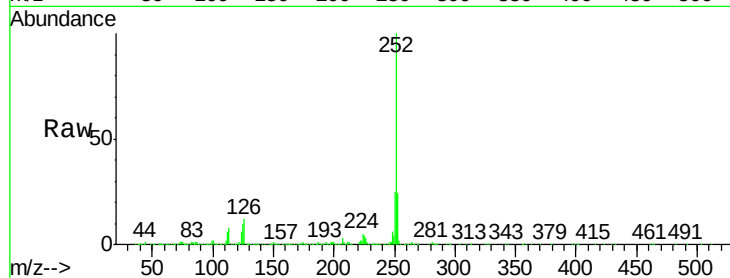
ClientSampleId :

SSTD02015

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.0	28.4
125	9.8	12.0	18.0

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#89

Indeno(1,2,3-cd)pyrene

Concen: 21.09 ng/ul

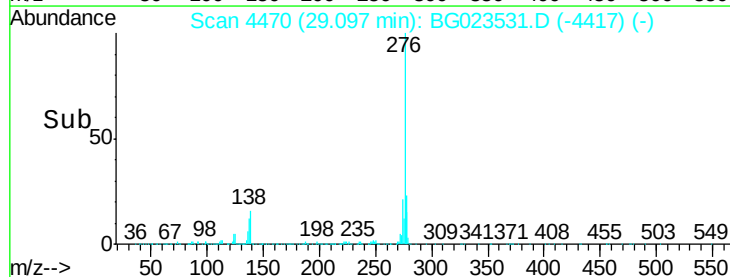
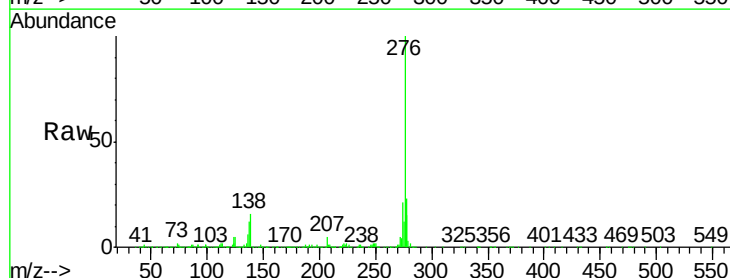
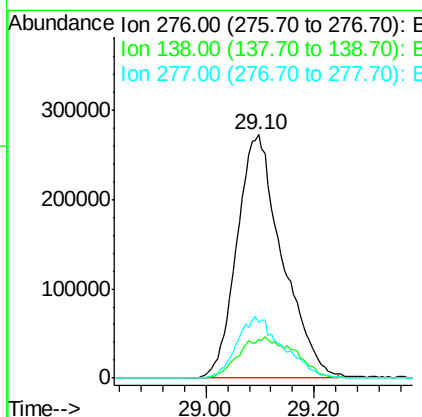
RT: 29.10 min Scan# 4470

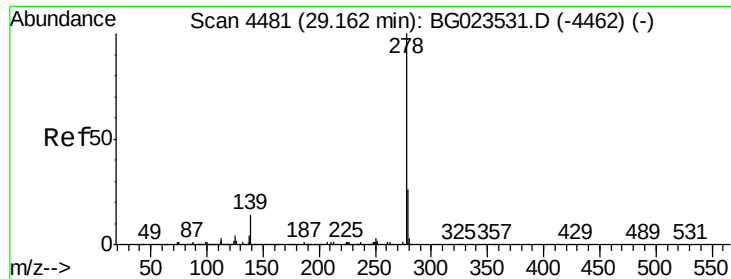
Delta R.T. 0.01 min

Lab File: BG023531.D

Acq: 8 Aug 2016 10:27

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.8	20.8	31.2
277	22.8	17.6	26.4





#90

Dibenzo(a,h)anthracene

Concen: 20.84 ng/ul

RT: 29.16 min Scan# 4481

Delta R.T. 0.00 min

Lab File: BG023531.D

Acq: 8 Aug 2016 10:27

Instrument :

BNA_G

ClientSampleId :

SSTD02015

Tgt Ion:278 Resp: 1332192

Ion Ratio Lower Upper

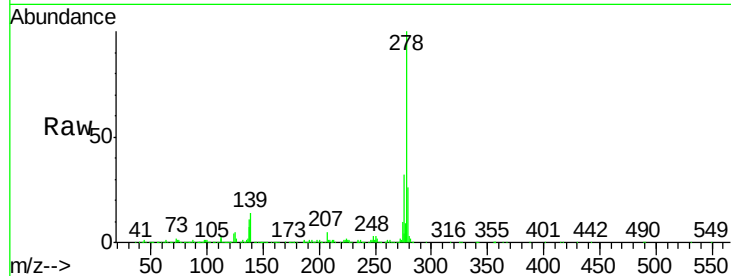
278 100

139 13.6 16.3 24.5#

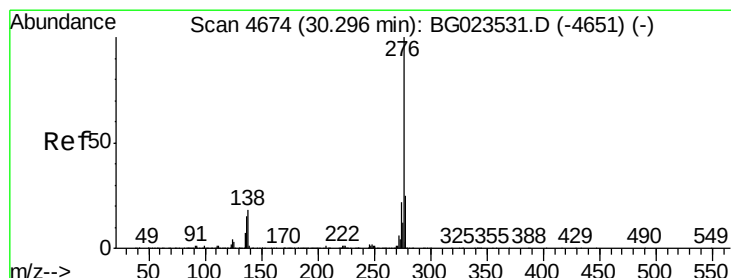
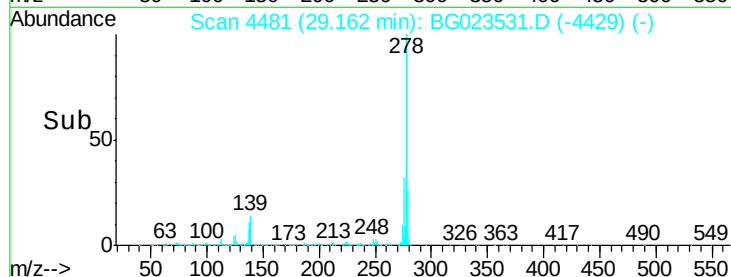
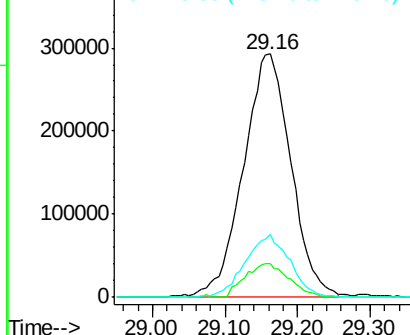
279 26.1 19.1 28.7

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Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 21.01 ng/ul

RT: 30.30 min Scan# 4674

Delta R.T. -0.01 min

Lab File: BG023531.D

Acq: 8 Aug 2016 10:27

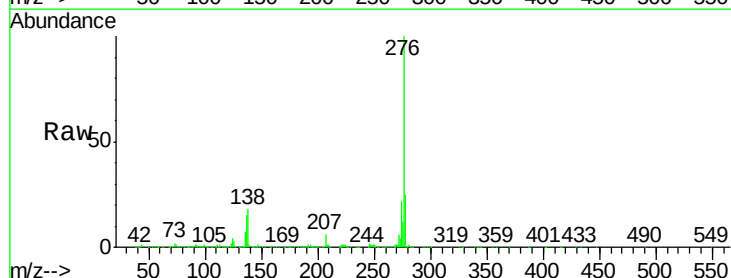
Tgt Ion:276 Resp: 1305414

Ion Ratio Lower Upper

276 100

138 17.5 22.1 33.1#

277 24.6 17.0 25.4



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

