

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081816\
 Data File : BG023787.D
 Acq On : 19 Aug 2016 9:36
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02014

Manual Integrations
 APPROVED

sohil
 8/19/2016 6:38:41 PM

Quant Time: Aug 19 15:41:53 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG081816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 19 04:06:00 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	103592	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	459401	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.76	164	314018	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	772630	20.00	ng/ul	0.00
75) Chrysene-d12	21.85	240	800784	20.00	ng/ul	0.00
83) Perylene-d12	25.23	264	687804	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.46	96	18721	8.20	ng/uL	0.00
5) Phenol-d5	7.25	99	205077	21.11	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	136404	20.49	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	142142	20.62	ng/ul	0.00
13) 4-Methylphenol-d8	8.81	113	158026	20.81	ng/ul	0.00
19) Nitrobenzene-d5	9.27	128	74704	20.13	ng/ul	0.00
22) 2-Nitrophenol-d4	10.00	143	89587	21.17	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.55	165	163889	21.42	ng/ul	0.00
29) 4-Chloroaniline-d4	11.07	131	208120m	22.23	ng/ul	0.00
43) Dimethylphthalate-d6	14.16	166	549081	21.09	ng/ul	0.00
46) Acenaphthylene-d8	14.46	160	615124	20.87	ng/ul	0.00
51) 4-Nitrophenol-d4	14.99	143	85952	20.43	ng/ul	0.00
57) Fluorene-d10	15.76	176	474339	20.87	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	100105	20.44	ng/ul	0.00
70) Anthracene-d10	17.63	188	748777	21.02	ng/ul	0.00
76) Pyrene-d10	19.92	212	871848	22.69	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.00	264	653296	20.75	ng/ul	0.01

Target Compounds

						Ovalue
2) 1,4-Dioxane	3.50	88	19096	7.98	ng/uL#	89
4) Benzaldehyde	7.23	77	139623	22.28	ng/ul	82
6) Phenol	7.28	94	205117	20.61	ng/ul#	68
8) Bis(2-Chloroethyl)ether	7.50	93	160178	21.10	ng/ul	86
10) 2-Chlorophenol	7.66	128	142267	20.23	ng/ul#	82
11) 2-Methylphenol	8.54	108	154712	20.44	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.62	45	227603	20.97	ng/ul	97
14) Acetophenone	8.93	105	259144	20.98	ng/ul#	83
15) N-Nitroso-di-n-propylamine	8.90	70	165671	21.66	ng/ul#	84
16) 4-Methylphenol	8.87	108	173887	21.12	ng/ul	97
17) Hexachloroethane	9.18	117	63237	20.37	ng/ul#	86
20) Nitrobenzene	9.32	77	223742	20.60	ng/ul#	85
21) Isophorone	9.83	82	418767	20.83	ng/ul#	91
23) 2-Nitrophenol	10.03	139	95433	20.94	ng/ul#	55
24) 2,4-Dimethylphenol	10.09	107	207366	21.07	ng/ul	89
25) Bis(2-Chloroethoxy)methane	10.32	93	235308	20.82	ng/ul#	95
27) 2,4-Dichlorophenol	10.58	162	158013	20.69	ng/ul	97
28) Naphthalene	10.98	128	487083	20.73	ng/ul	98
30) 4-Chloroaniline	11.09	127	206557	22.50	ng/ul	96
31) Hexachlorobutadiene	11.26	225	113374	20.63	ng/ul	95
32) Caprolactam	11.87	113	63019m	21.18	ng/ul	
33) 4-Chloro-3-methylphenol	12.22	107	196885	20.86	ng/ul	85
34) 2-Methylnaphthalene	12.59	142	378837	21.17	ng/ul	96

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081816\
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 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 SSTD02014

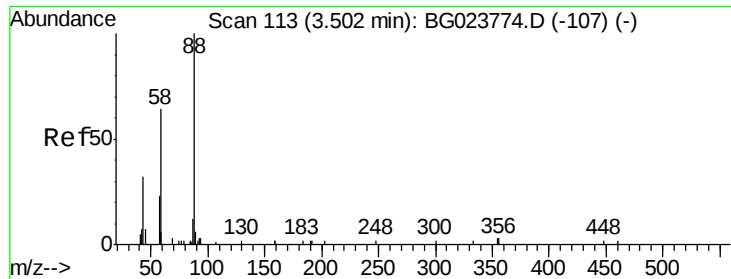
Manual Integrations
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 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG081816.M
 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.95	216	210056	20.13	ng/ul	96
37) Hexachlorocyclopentadiene	12.93	237	63295	13.89	ng/ul#	99
38) 2,4,6-Trichlorophenol	13.20	196	135623	19.77	ng/ul	90
39) 2,4,5-Trichlorophenol	13.28	196	142057	20.03	ng/ul	95
40) 1,1'-Biphenyl	13.59	154	499130	20.32	ng/ul	96
41) 2-Chloronaphthalene	13.64	162	376948	20.19	ng/ul	92
42) 2-Nitroaniline	13.85	65	160186	20.68	ng/ul#	68
44) Dimethylphthalate	14.21	163	542870	20.85	ng/ul	99
45) 2,6-Dinitrotoluene	14.34	165	116442	20.95	ng/ul#	87
47) Acenaphthylene	14.49	152	643520	20.95	ng/ul	100
48) 3-Nitroaniline	14.68	138	109938	21.00	ng/ul#	66
49) Acenaphthene	14.83	153	428763	20.84	ng/ul	96
50) 2,4-Dinitrophenol	14.90	184	54524	18.49	ng/ul#	83
52) 4-Nitrophenol	15.00	109	85597	20.25	ng/ul#	72
53) Dibenzofuran	15.17	168	627884	21.00	ng/ul#	87
54) 2,4-Dinitrotoluene	15.14	165	174786	21.52	ng/ul#	76
55) 2,3,4,6-Tetrachlorophenol	15.40	232	137519	21.02	ng/ul	97
56) Diethylphthalate	15.57	149	565378	21.26	ng/ul	98
58) Fluorene	15.82	166	502643	20.75	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.80	204	252917	20.66	ng/ul	89
60) 4-Nitroaniline	15.85	138	125749	21.63	ng/ul#	57
63) 4,6-Dinitro-2-methylphenol	15.91	198	106084	20.75	ng/ul#	87
64) N-Nitrosodiphenylamine	16.03	169	471041	20.59	ng/ul	95
65) 4-Bromophenyl-phenylether	16.71	248	180684	20.30	ng/ul	95
66) Hexachlorobenzene	16.84	284	195926	20.44	ng/ul	97
67) Atrazine	16.97	200	203095	21.68	ng/ul	98
68) Pentachlorophenol	17.18	266	81202	19.55	ng/ul	89
69) Phenanthrene	17.58	178	868752	21.24	ng/ul	99
71) Anthracene	17.67	178	884597	21.03	ng/ul	97
72) Carbazole	17.94	167	792222	23.08	ng/ul	98
73) Di-n-butylphthalate	18.48	149	1004163	21.63	ng/ul#	96
74) Fluoranthene	19.59	202	1056231	24.24	ng/ul#	94
77) Pyrene	19.95	202	1080021	22.82	ng/ul#	90
78) Butylbenzylphthalate	20.83	149	437846	20.45	ng/ul#	88
79) 3,3'-Dichlorobenzidine	21.74	252	323600	20.33	ng/ul#	93
80) Benzo(a)anthracene	21.82	228	967487	20.90	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.70	149	518043	17.99	ng/ul#	99
82) Chrysene	21.89	228	862192	20.69	ng/ul	98
84) Di-n-octyl phthalate	22.96	149	874207	22.11	ng/ul	100
85) Benzo(b)fluoranthene	24.14	252	832173	20.81	ng/ul#	95
86) Benzo(k)fluoranthene	24.22	252	800649	20.73	ng/ul#	91
88) Benzo(a)pyrene	25.07	252	802114	20.90	ng/ul#	93
89) Indeno(1,2,3-cd)pyrene	29.11	276	933820	20.70	ng/ul#	87
90) Dibenzo(a,h)anthracene	29.16	278	799652	20.67	ng/ul#	91
91) Benzo(g,h,i)perylene	30.31	276	765394	20.51	ng/ul#	85

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



#2

1,4-Dioxane

Concen: 7.98 ng/uL

RT: 3.50 min Scan# 112

Delta R.T. -0.01 min

Lab File: BG023787.D

Acq: 19 Aug 2016 9:36

Instrument :

BNA_G

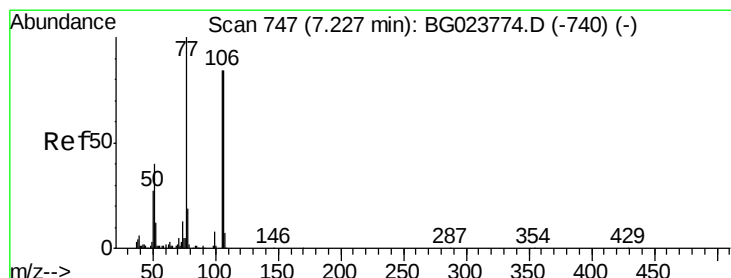
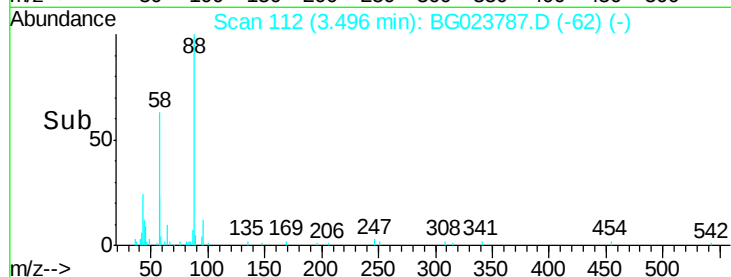
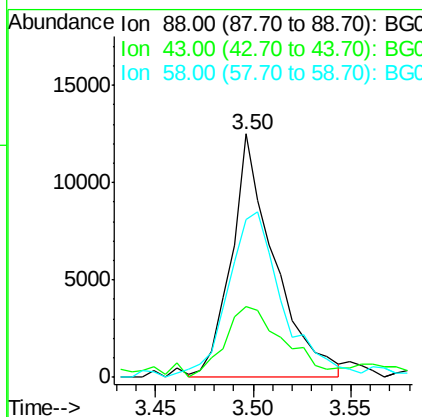
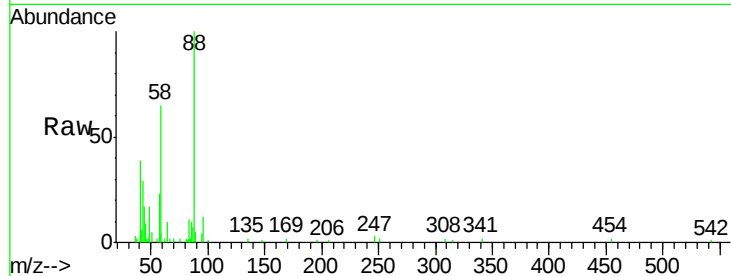
ClientSampleId :

SSTD02014

Tot Ion:	88	Resp:	19096
Ion Ratio		Lower	Upper
88	100		
43	29.3	16.6	24.8#
58	65.1	47.2	70.8

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#4

Benzaldehyde

Concen: 22.28 ng/uL

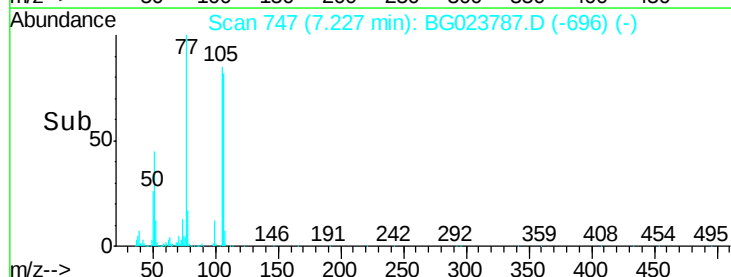
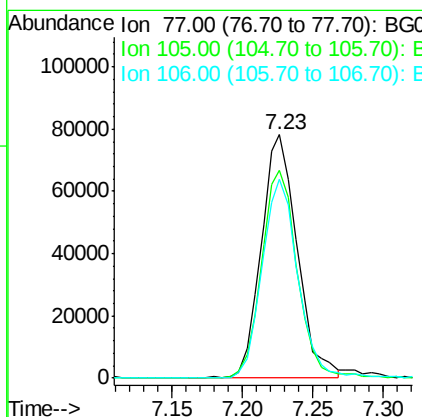
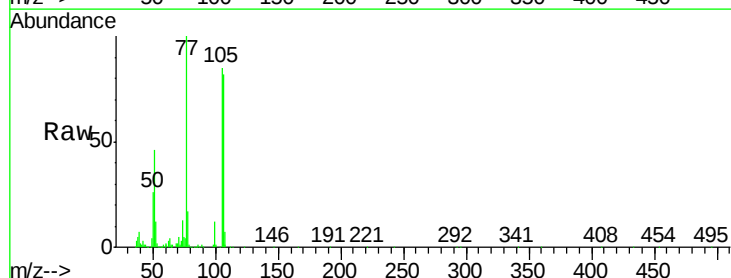
RT: 7.23 min Scan# 747

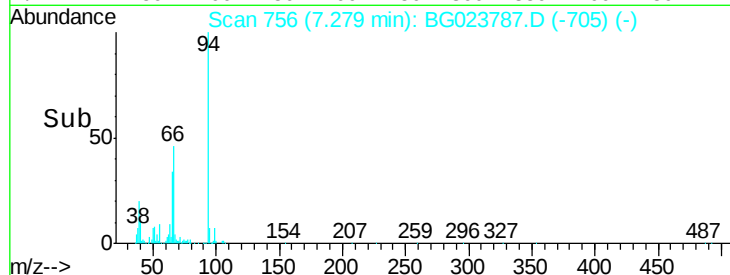
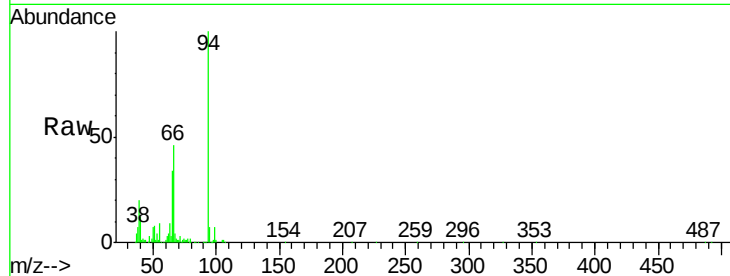
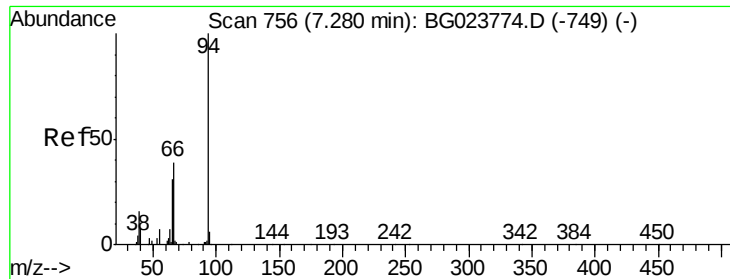
Delta R.T. -0.00 min

Lab File: BG023787.D

Acq: 19 Aug 2016 9:36

Tgt Ion:	77	Resp:	139623
Ion Ratio		Lower	Upper
77	100		
105	85.2	83.8	125.8
106	81.7	77.9	116.9





#6

Phenol

Concen: 20.61 ng/ul

RT: 7.28 min Scan# 756

Delta R.T. -0.00 min

Lab File: BG023787.D

Acq: 19 Aug 2016 9:36

Tot Ion:	94	Resp:	205117
Ion Ratio		Lower	Upper
94	100		
65	34.4	16.8	25.2#
66	46.4	22.6	33.8#

Instrument :

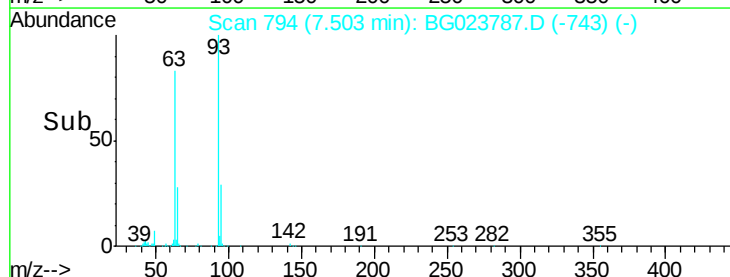
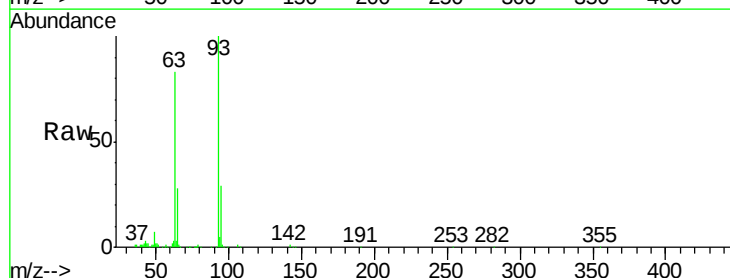
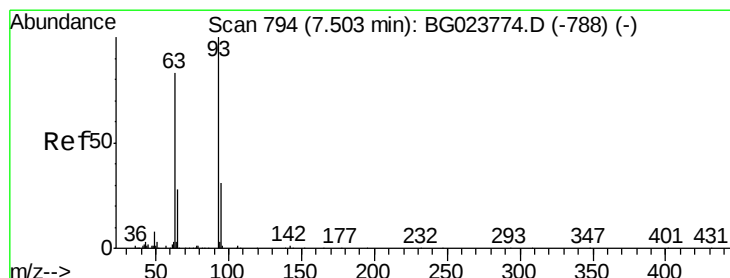
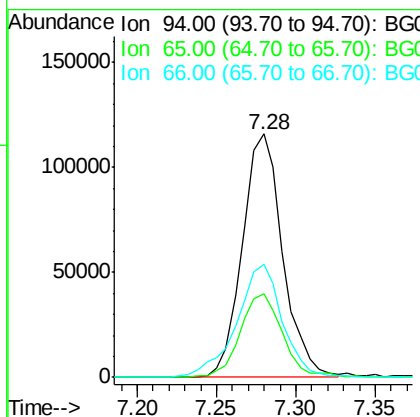
BNA_G

ClientSampleId :

SSTD02014

Manual Integrations
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#8

Bis(2-Chloroethyl)ether

Concen: 21.10 ng/ul

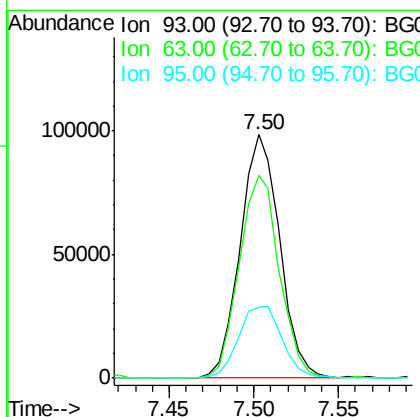
RT: 7.50 min Scan# 794

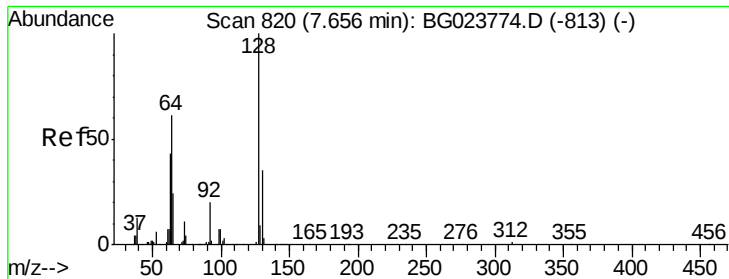
Delta R.T. -0.00 min

Lab File: BG023787.D

Acq: 19 Aug 2016 9:36

Tgt Ion:	93	Resp:	160178
Ion Ratio		Lower	Upper
93	100		
63	83.4	56.0	84.0
95	28.9	27.7	41.5





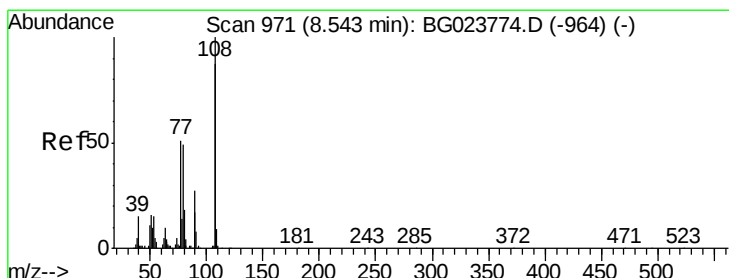
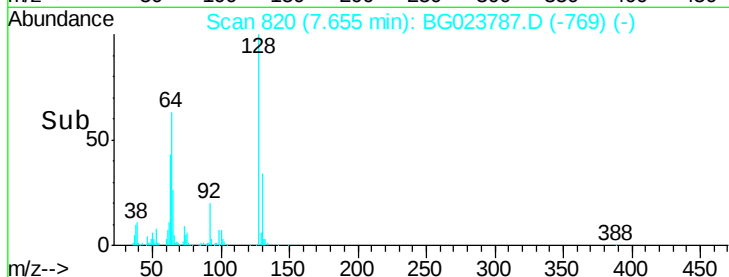
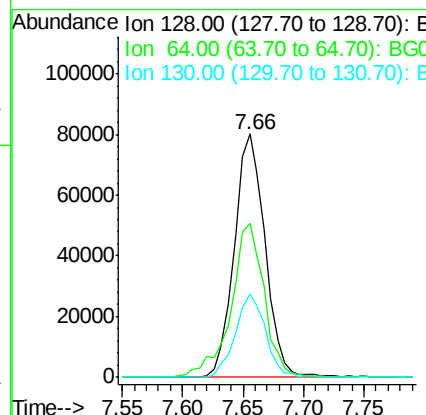
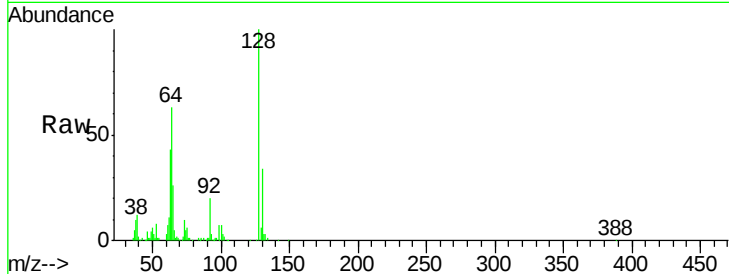
#10
2-Chlorophenol
Concen: 20.23 ng/ul
RT: 7.66 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG023787.D
Acq: 19 Aug 2016 9:36

Instrument :
BNA_G
ClientSampled :
SSTD02014

Tot Ion	Ratio	Resp	Lower	Upper
128	100	142267		
64	63.2	34.2	51.4#	
130	34.2	27.0	40.4	

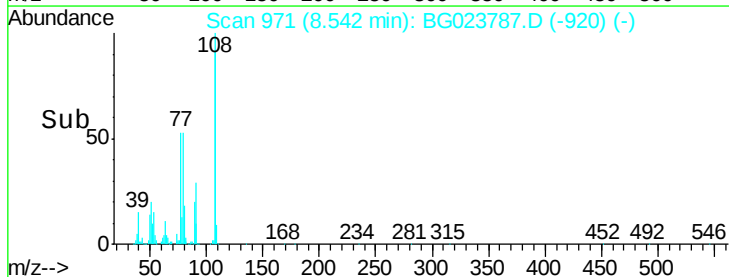
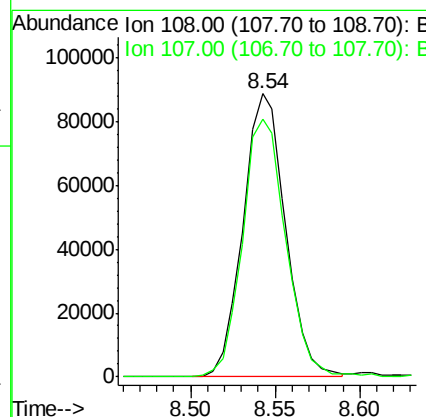
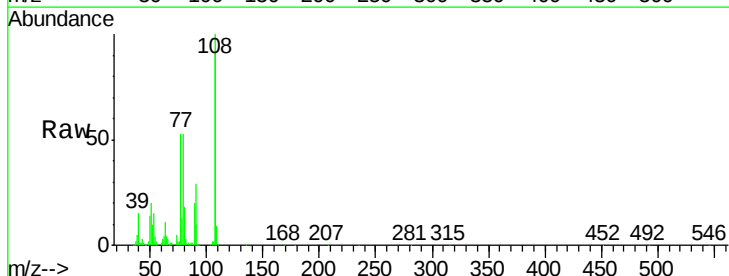
Manual Integrations
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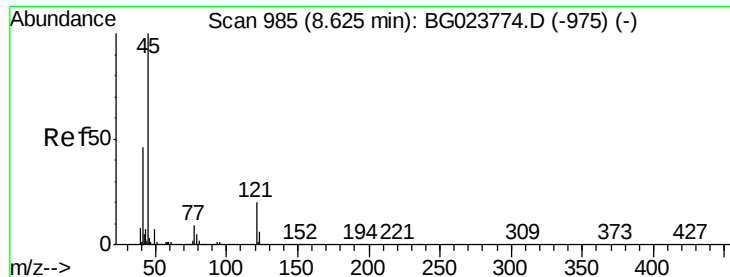
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#11
2-Methylphenol
Concen: 20.44 ng/ul
RT: 8.54 min Scan# 971
Delta R.T. -0.00 min
Lab File: BG023787.D
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Tgt Ion	Ratio	Resp	Lower	Upper
108	100	154712		
107	91.1	78.6	117.8	





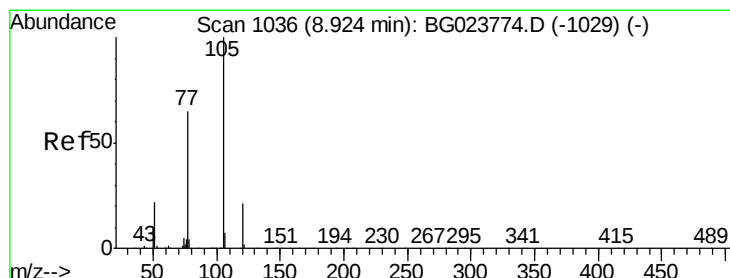
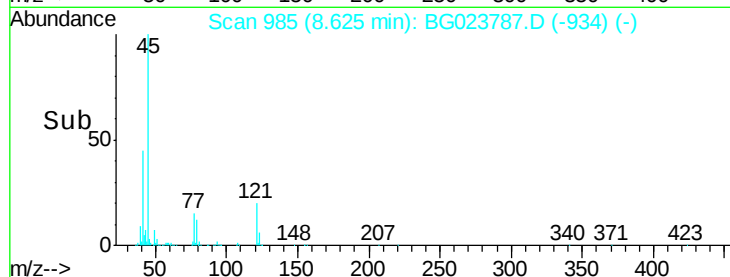
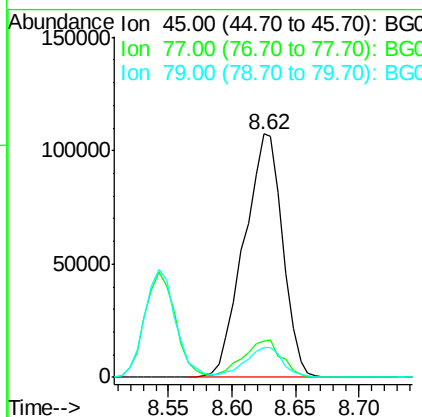
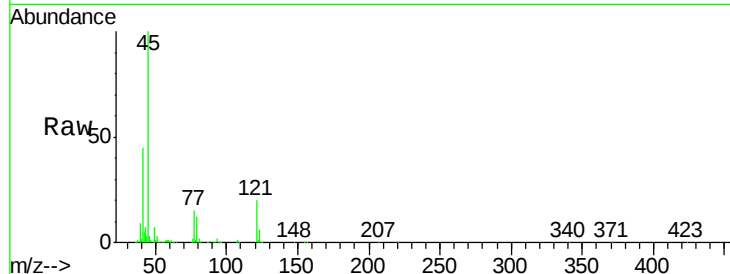
#12
2,2'-oxvbis(1-Chloropropane)
Concen: 20.97 ng/ul
RT: 8.62 min Scan# 985
Delta R.T. -0.00 min
Lab File: BG023787.D
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Instrument :
BNA_G
ClientSampleId :
SSTD02014

Tot Ion	Ratio	Lower	Upper
45	100		
77	15.0	13.4	20.2
79	12.2	10.2	15.4

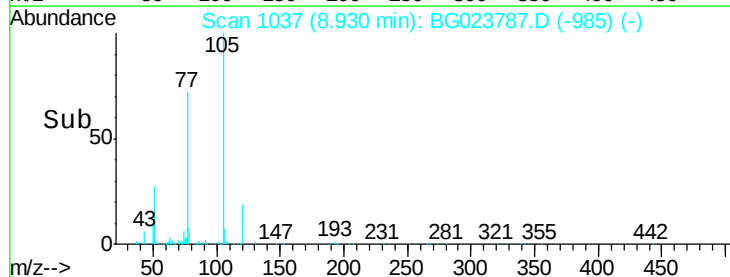
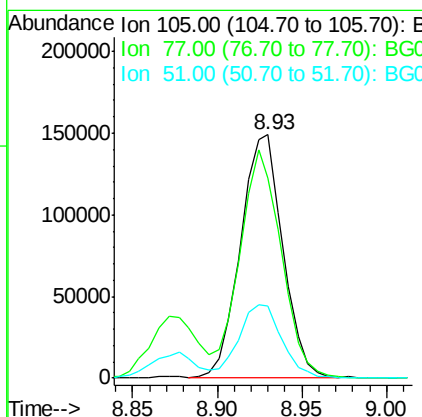
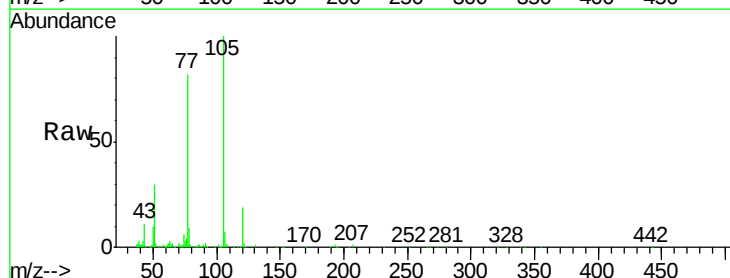
Manual Integrations
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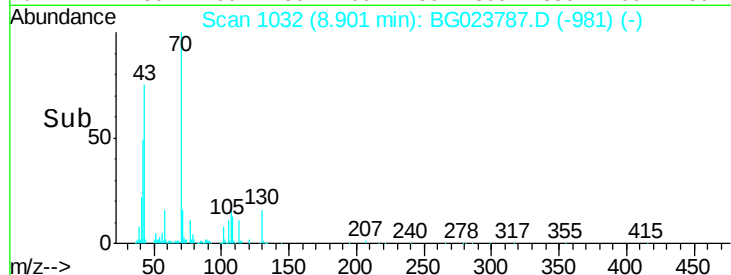
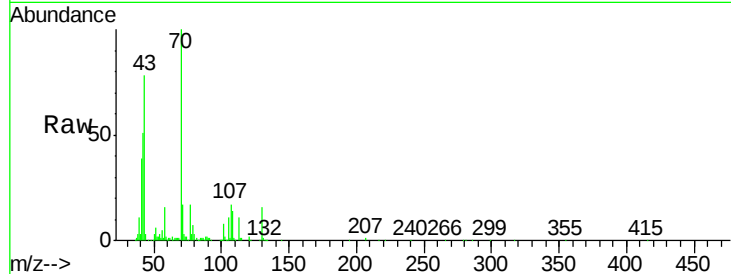
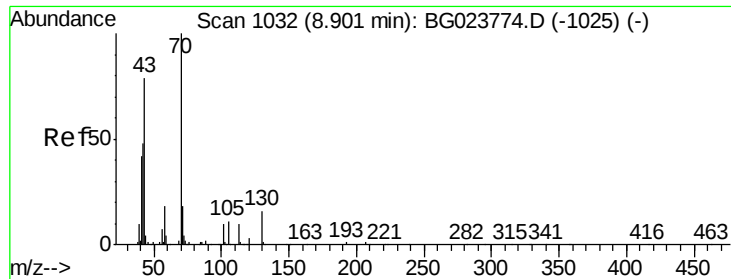
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#14
Acetophenone
Concen: 20.98 ng/ul
RT: 8.93 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BG023787.D
Acq: 19 Aug 2016 9:36

Tgt Ion	Ratio	Lower	Upper
105	100		
77	82.3	56.1	84.1
51	29.6	14.6	22.0#





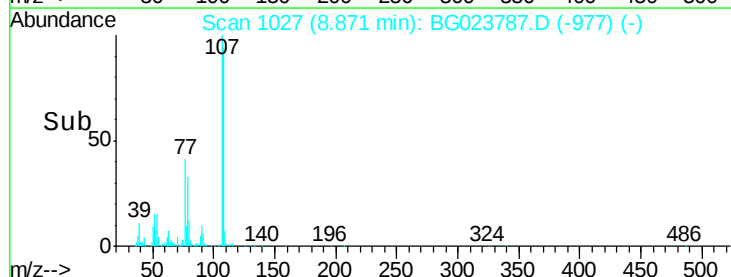
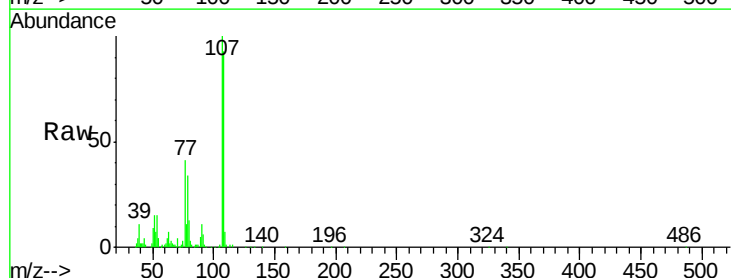
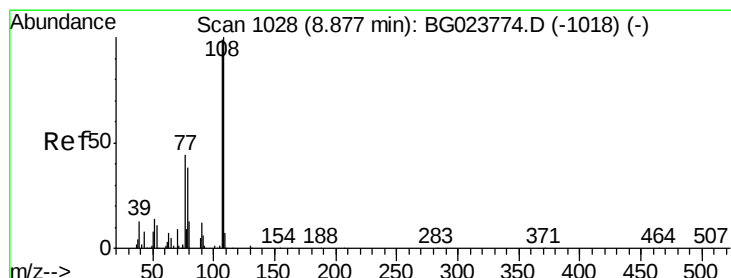
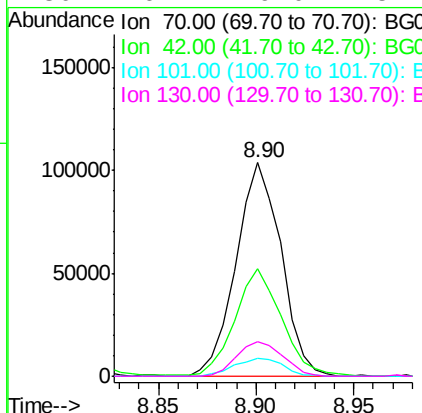
#15
N-Nitroso-di-n-propylamine
Concen: 21.66 ng/ul
RT: 8.90 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BG023787.D
Acq: 19 Aug 2016 9:36

Instrument :
BNA_G
ClientSampleId :
SSTD02014

Tot Ion	Ratio	Lower	Upper
70	100		
42	50.6	31.4	47.2#
101	8.3	8.6	13.0#
130	16.2	19.0	28.4#

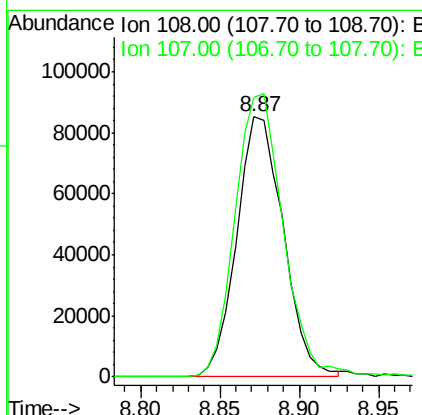
Manual Integrations
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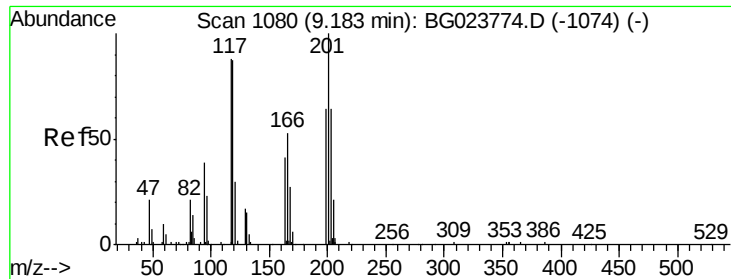
sohil
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#16
4-Methylphenol
Concen: 21.12 ng/ul
RT: 8.87 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BG023787.D
Acq: 19 Aug 2016 9:36

Tgt Ion	Ratio	Lower	Upper
108	100		
107	107.5	88.3	132.5





#17

Hexachloroethane

Concen: 20.37 ng/ul

RT: 9.18 min Scan# 1080

Delta R.T. -0.00 min

Lab File: BG023787.D

Acq: 19 Aug 2016 9:36

Instrument :

BNA_G

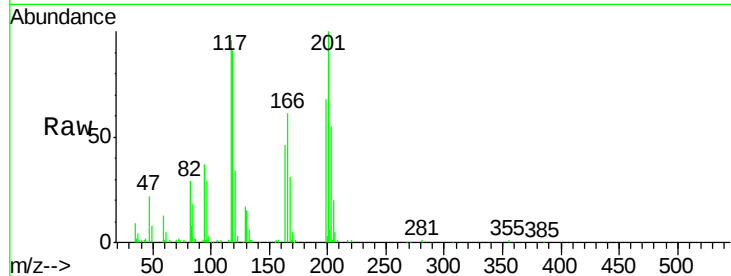
ClientSampleId :

SSTD02014

Tot Ion	Ratio	Lower	Upper
117	100		
201	104.3	76.8	115.2
199	70.5	43.5	65.3

Manual Integrations
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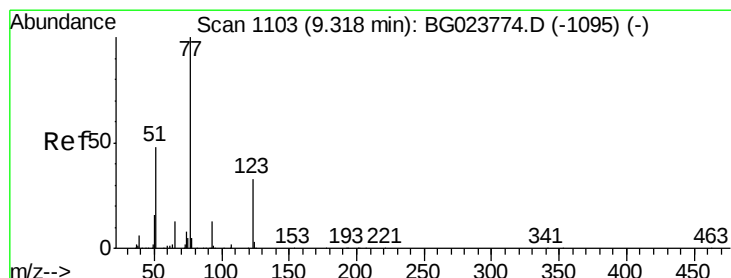
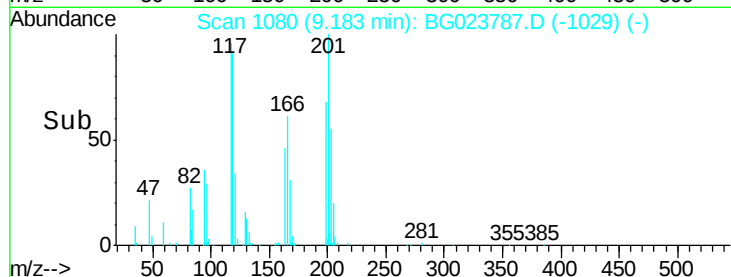
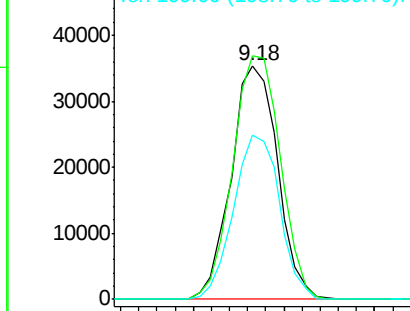


Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



#20

Nitrobenzene

Concen: 20.60 ng/ul

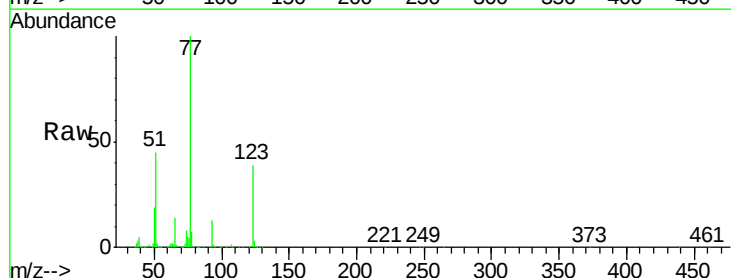
RT: 9.32 min Scan# 1103

Delta R.T. -0.00 min

Lab File: BG023787.D

Acq: 19 Aug 2016 9:36

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.5	39.5	59.3
65	14.4	9.0	13.4

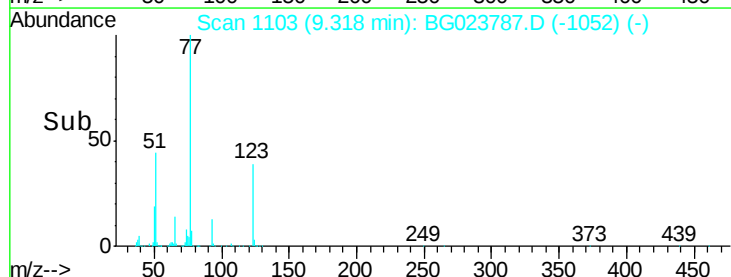
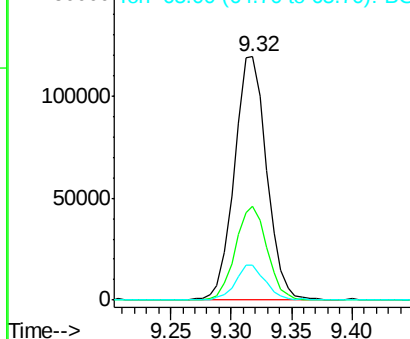


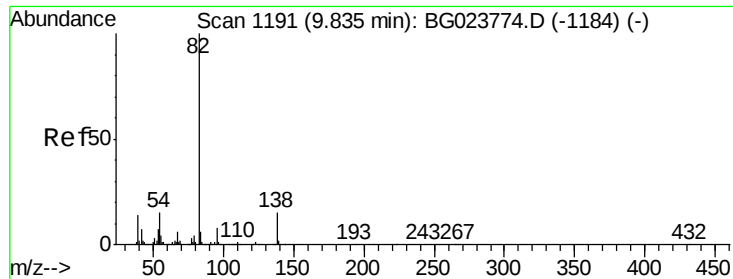
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BGC





#21

Isophorone

Concen: 20.83 ng/ul

RT: 9.83 min Scan# 1191

Delta R.T. -0.00 min

Lab File: BG023787.D

Acq: 19 Aug 2016 9:36

Instrument :

BNA_G

ClientSampleId :

SSTD02014

Tot Ion: 82 Resp: 418767
Ion Ratio Lower Upper

82 100

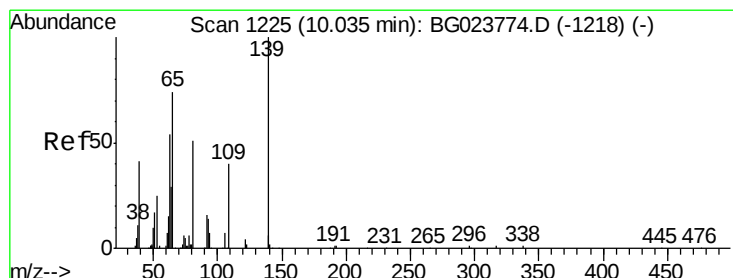
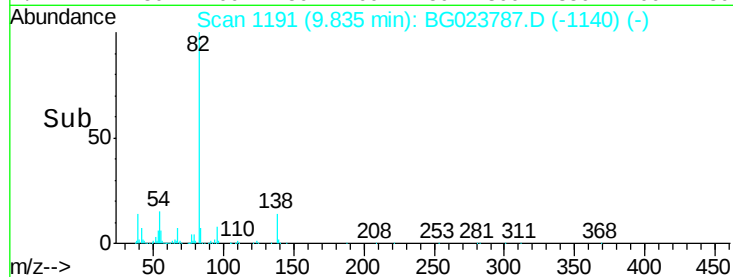
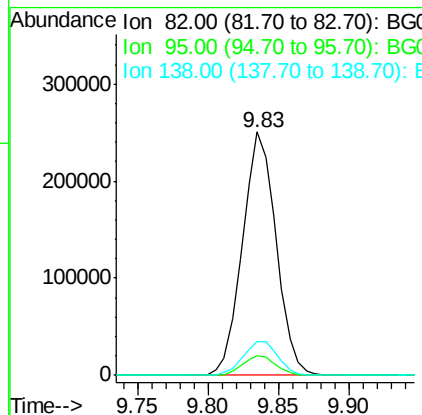
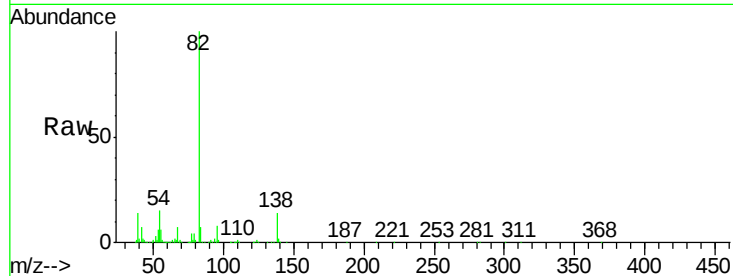
95 8.0 5.1 7.7#

138 14.1 15.0 22.6#

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#23

2-Nitrophenol

Concen: 20.94 ng/ul

RT: 10.03 min Scan# 1225

Delta R.T. -0.00 min

Lab File: BG023787.D

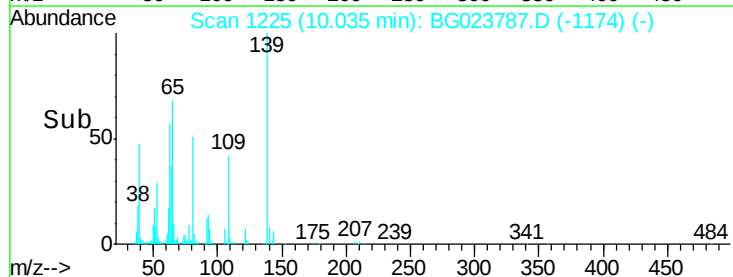
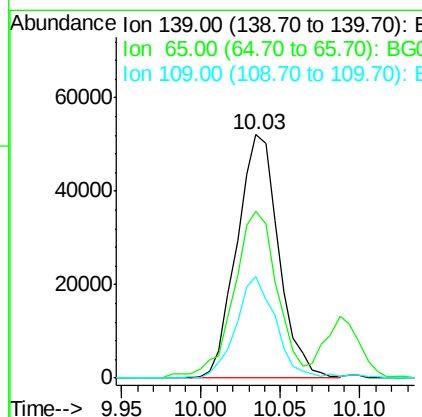
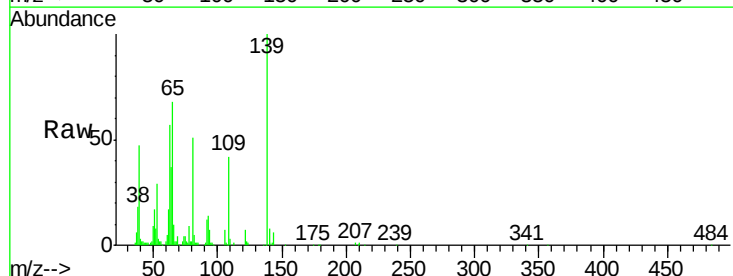
Acq: 19 Aug 2016 9:36

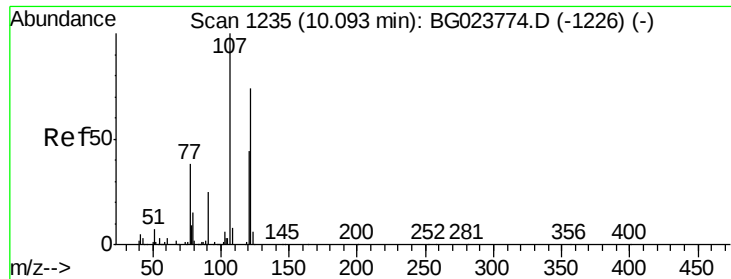
Tgt Ion: 139 Resp: 95433
Ion Ratio Lower Upper

139 100

65 68.4 31.8 47.8#

109 41.8 17.1 25.7#





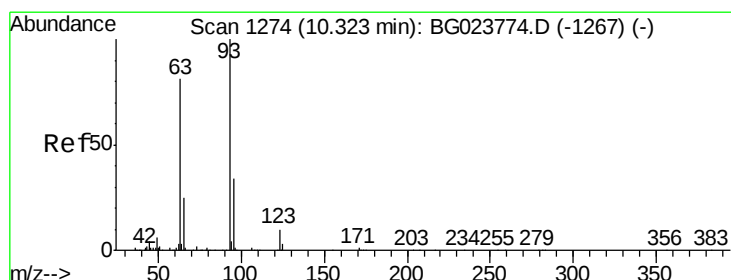
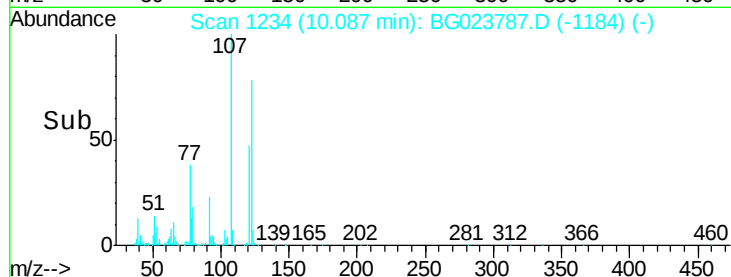
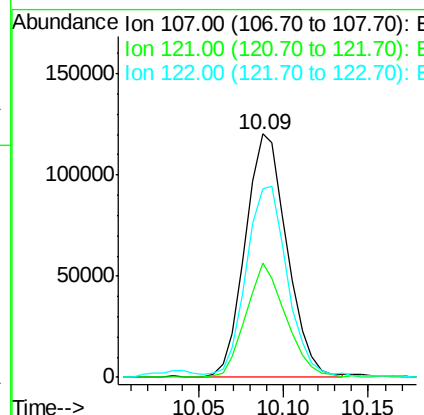
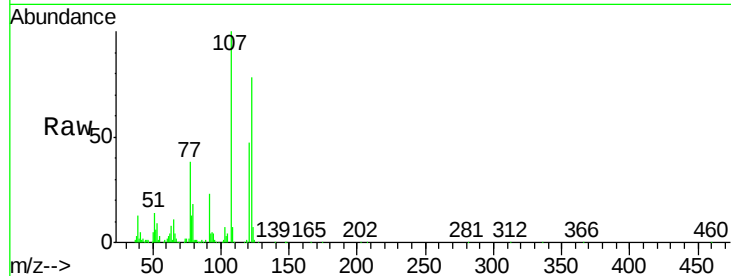
#24
 2,4-Dimethylphenol
 Concen: 21.07 ng/ul
 RT: 10.09 min Scan# 1234
 Delta R.T. -0.01 min
 Lab File: BG023787.D
 Acq: 19 Aug 2016 9:36

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02014

Tot Ion	Ratio	Lower	Upper
107	100		
121	47.1	43.7	65.5
122	77.6	70.3	105.5

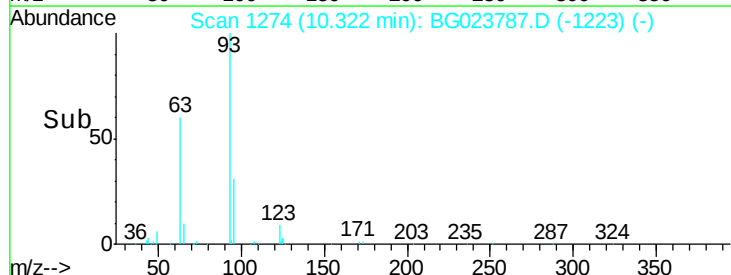
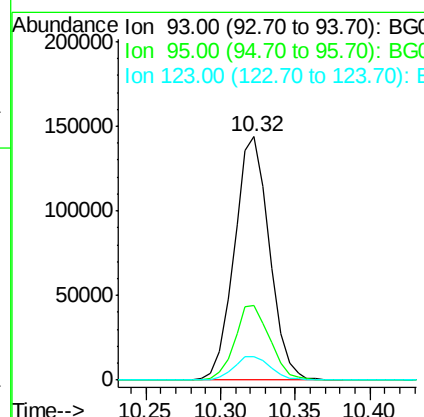
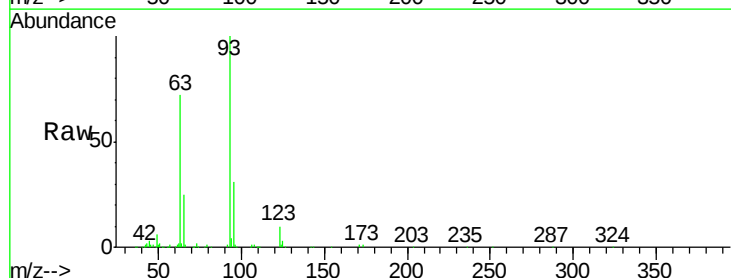
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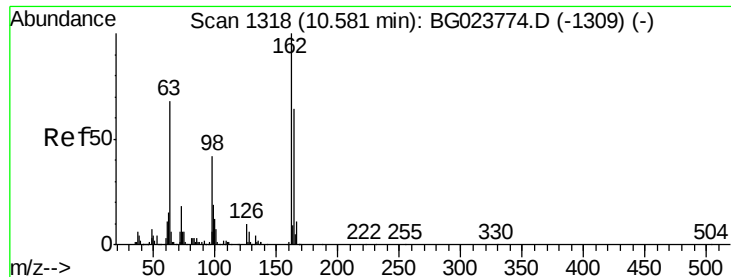
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#25
 Bis(2-Chloroethoxy)methane
 Concen: 20.82 ng/ul
 RT: 10.32 min Scan# 1274
 Delta R.T. -0.00 min
 Lab File: BG023787.D
 Acq: 19 Aug 2016 9:36

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.5	26.0	39.0
123	9.6	10.1	15.1#





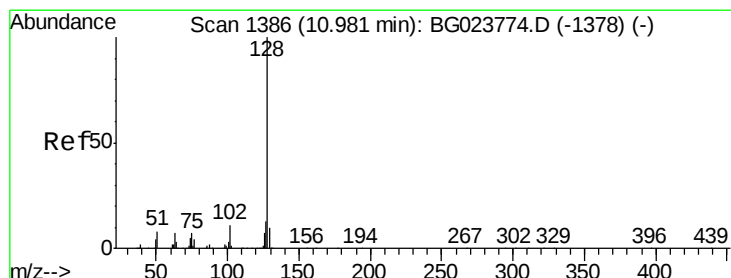
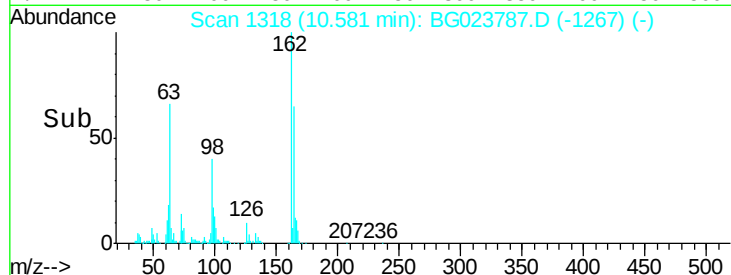
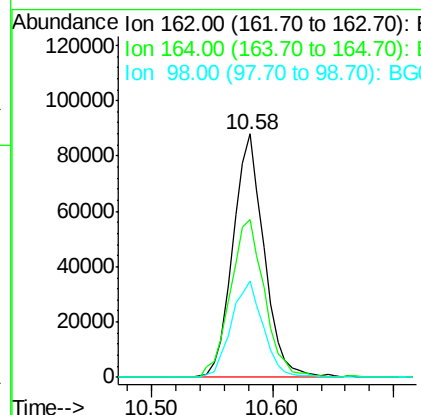
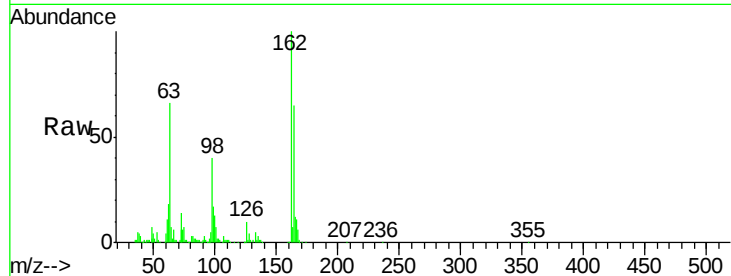
#27
2,4-Dichlorophenol
Concen: 20.69 ng/ul
RT: 10.58 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BG023787.D
Acq: 19 Aug 2016 9:36

Instrument :
BNA_G
ClientSampleId :
SSTD02014

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		158013		
164	64.8	51.6	77.4		
98	39.8	28.3	42.5		

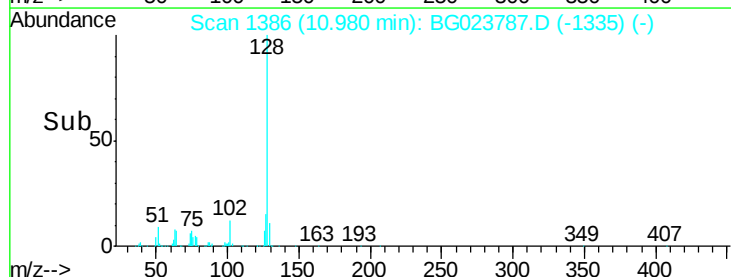
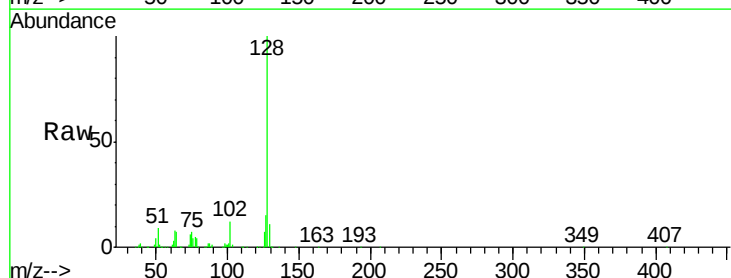
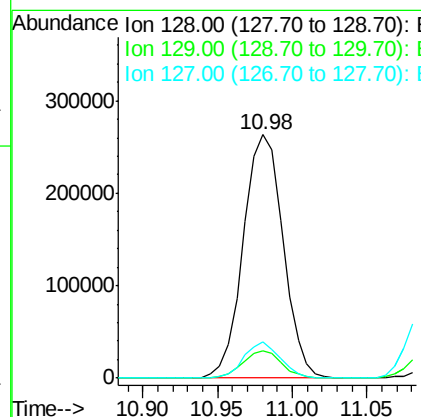
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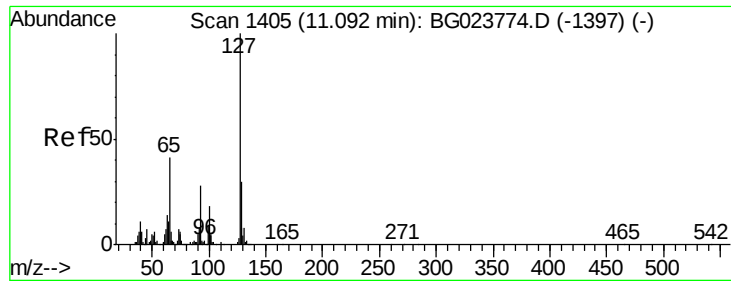
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#28
Naphthalene
Concen: 20.73 ng/ul
RT: 10.98 min Scan# 1386
Delta R.T. -0.00 min
Lab File: BG023787.D
Acq: 19 Aug 2016 9:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		487083		
129	11.4	9.4	14.2		
127	14.9	11.2	16.8		





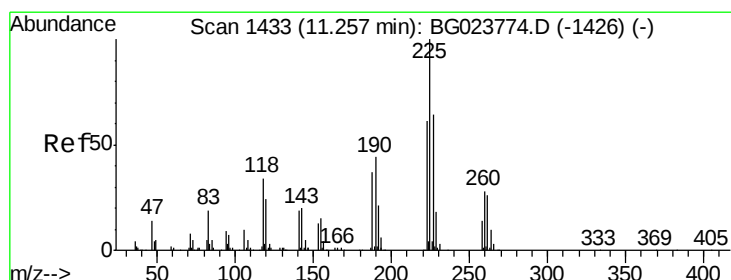
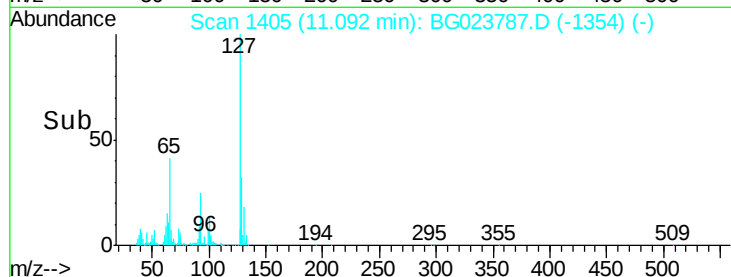
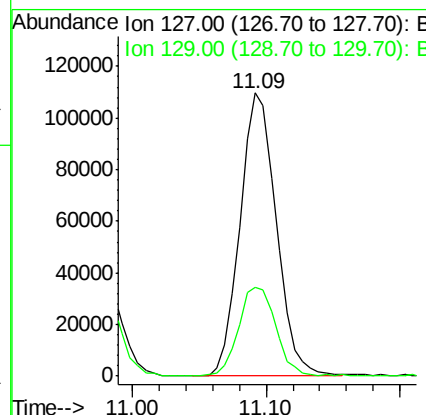
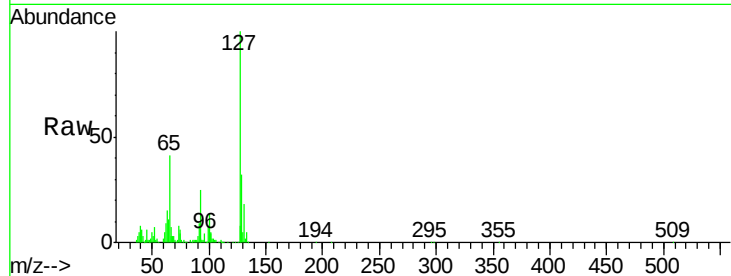
#30
 4-Chloroaniline
 Concen: 22.50 ng/ul
 RT: 11.09 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: BG023787.D
 Acq: 19 Aug 2016 9:36

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02014

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.5	26.9	40.3

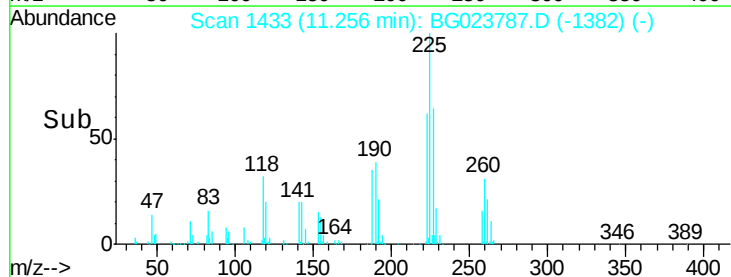
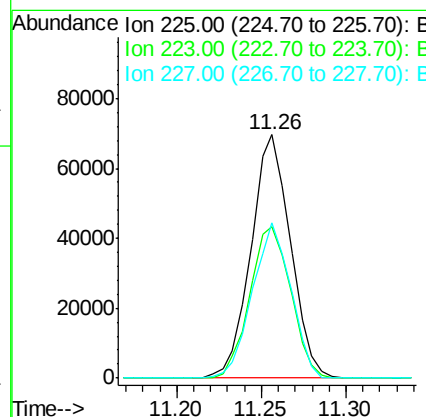
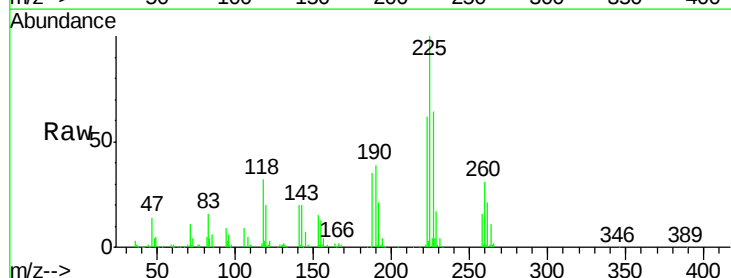
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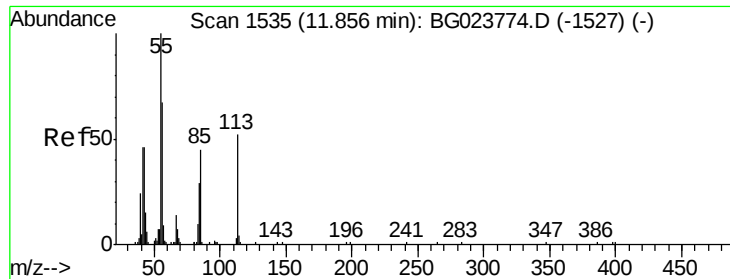
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#31
 Hexachlorobutadiene
 Concen: 20.63 ng/ul
 RT: 11.26 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: BG023787.D
 Acq: 19 Aug 2016 9:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	54.7	82.1
227	63.7	52.2	78.4





#32

Caprolactam

Concen: 21.18 ng/ul m

RT: 11.87 min Scan# 1537

Delta R.T. 0.01 min

Lab File: BG023787.D

Acq: 19 Aug 2016 9:36

Instrument :

BNA_G

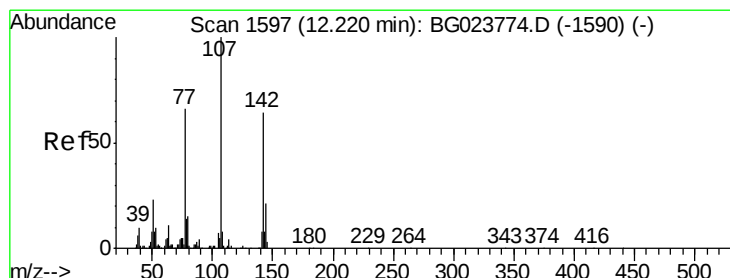
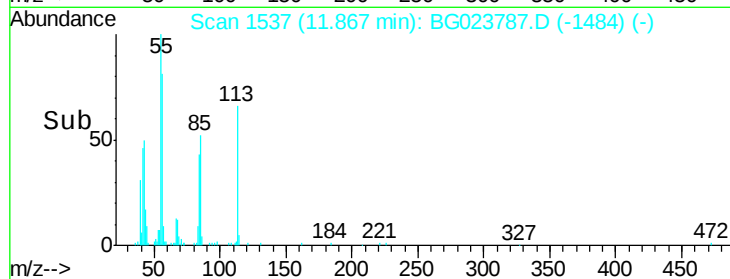
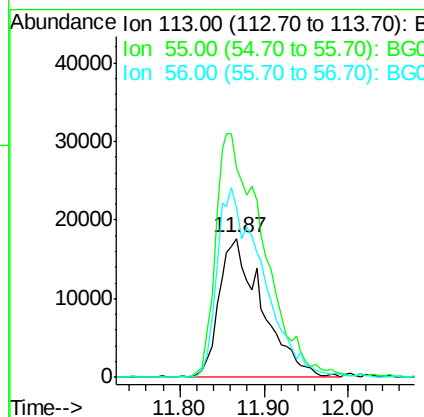
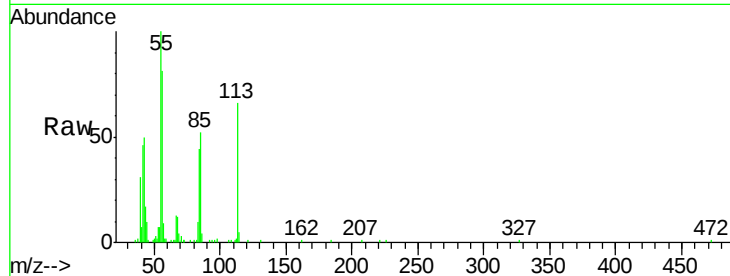
ClientSampleId :

SSTD02014

Tot Ion	Ratio	Lower	Upper
113	100		
55	150.5	99.6	149.4#
56	121.4	66.4	99.6#

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#33

4-Chloro-3-methylphenol

Concen: 20.86 ng/ul

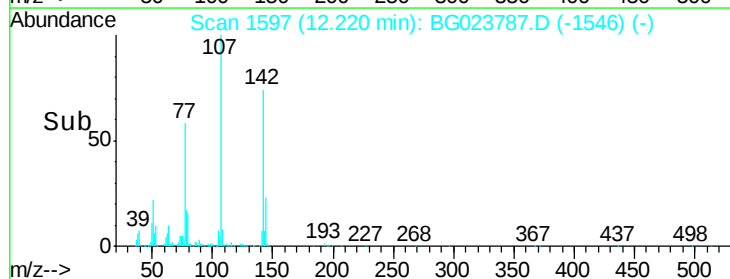
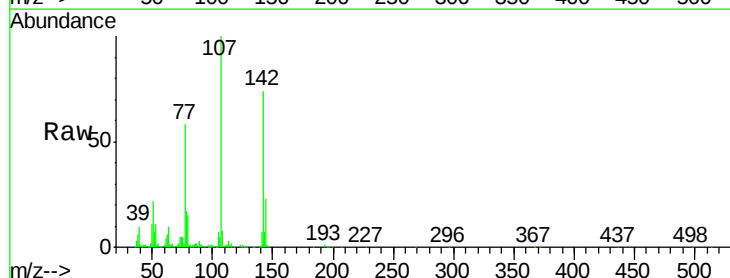
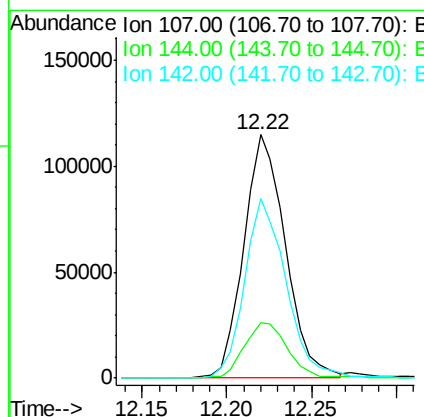
RT: 12.22 min Scan# 1597

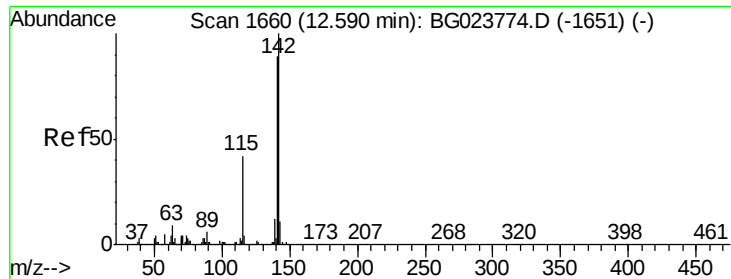
Delta R.T. -0.00 min

Lab File: BG023787.D

Acq: 19 Aug 2016 9:36

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.0	22.7	34.1
142	73.7	71.6	107.4





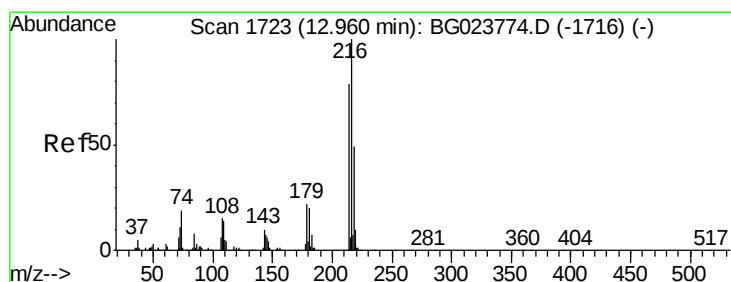
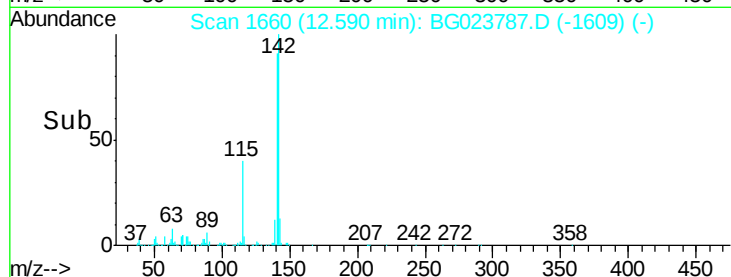
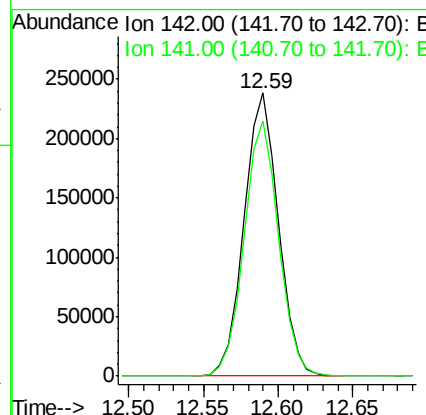
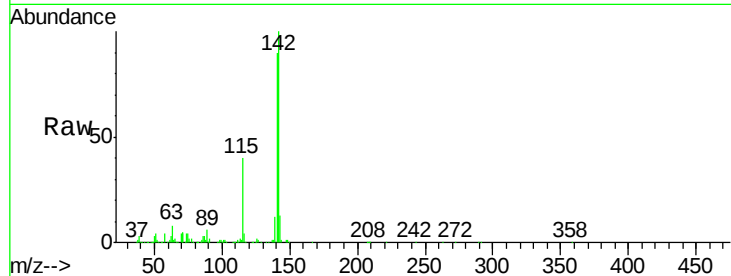
#34
2-Methylnaphthalene
Concen: 21.17 ng/ul
RT: 12.59 min Scan# 1660
Delta R.T. -0.00 min
Lab File: BG023787.D
Acq: 19 Aug 2016 9:36

Instrument :
BNA_G
ClientSampled :
SSTD02014

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.4	75.2	112.8

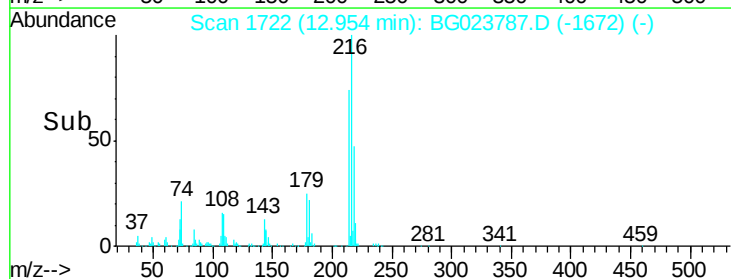
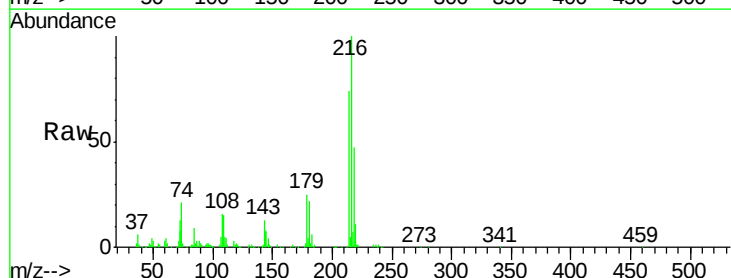
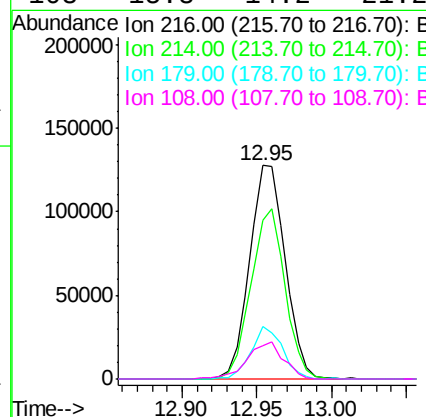
Manual Integrations
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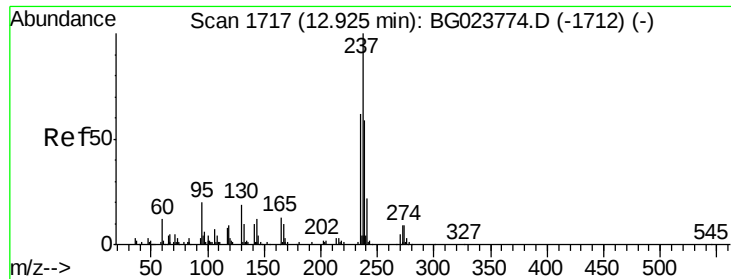
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#36
1,2,4,5-Tetrachlorobenzene
Concen: 20.13 ng/ul
RT: 12.95 min Scan# 1722
Delta R.T. -0.01 min
Lab File: BG023787.D
Acq: 19 Aug 2016 9:36

Tgt Ion	Ratio	Lower	Upper
216	100		
214	74.2	61.7	92.5
179	24.5	17.0	25.4
108	15.8	14.2	21.2





#37

Hexachlorocyclopentadiene

Concen: 13.89 ng/ul

RT: 12.93 min Scan# 1718

Delta R.T. 0.01 min

Lab File: BG023787.D

Acq: 19 Aug 2016 9:36

Instrument :

BNA_G

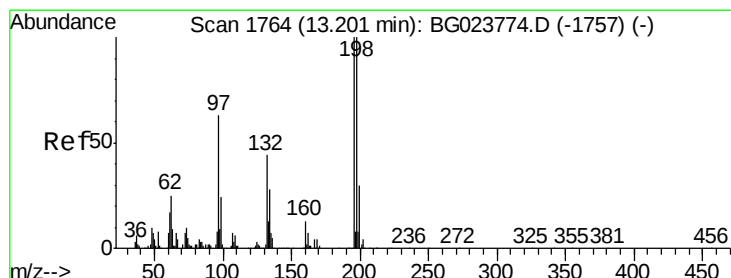
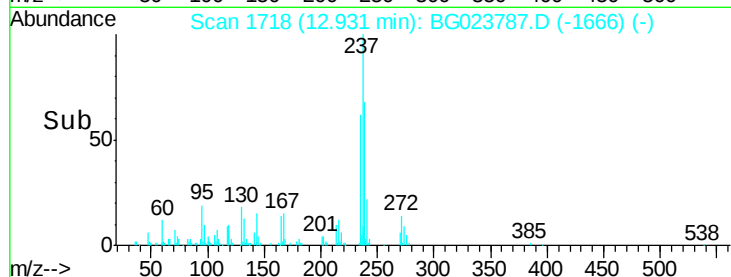
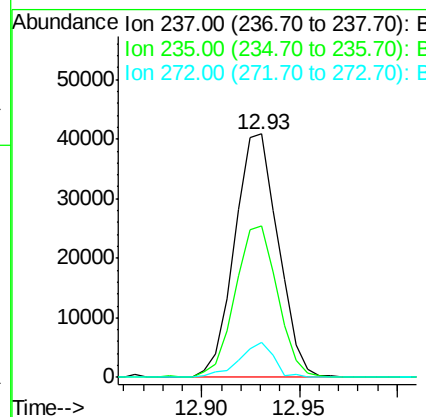
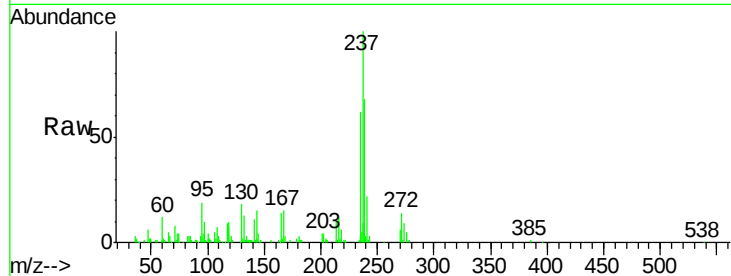
ClientSampled :

SSTD02014

Tot Ion:	237	Resp:	63295
Ion Ratio	Lower	Upper	
237	100		
235	62.0	49.6	74.4
272	14.5	9.3	13.9#

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#38

2,4,6-Trichlorophenol

Concen: 19.77 ng/ul

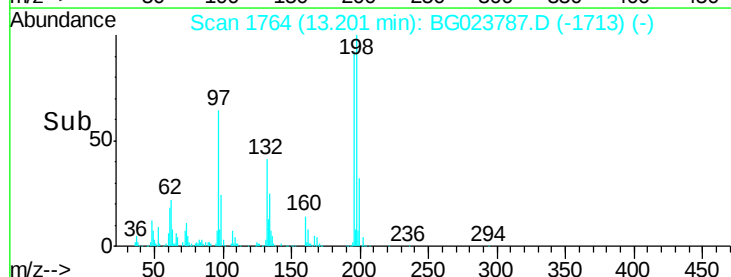
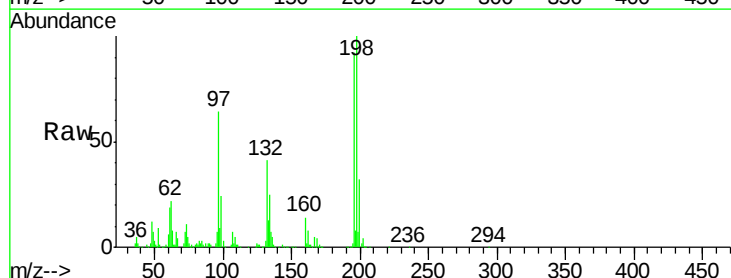
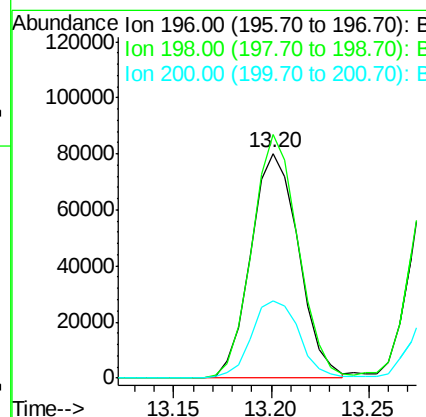
RT: 13.20 min Scan# 1764

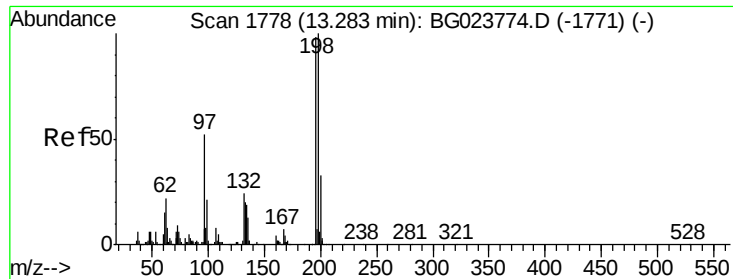
Delta R.T. -0.00 min

Lab File: BG023787.D

Acq: 19 Aug 2016 9:36

Tgt Ion:	196	Resp:	135623
Ion Ratio	Lower	Upper	
196	100		
198	108.4	77.4	116.0
200	34.7	26.6	39.8





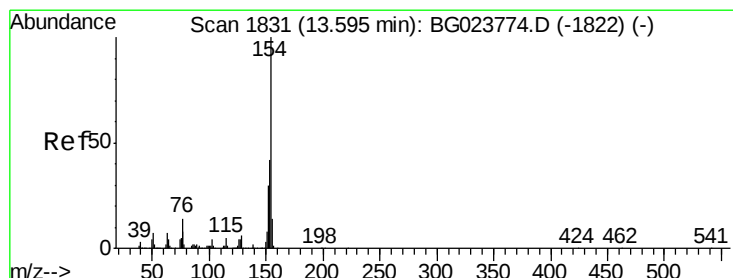
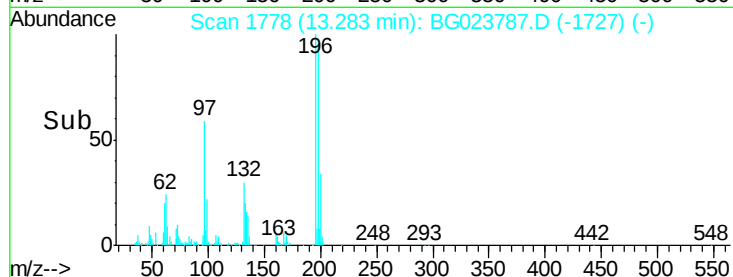
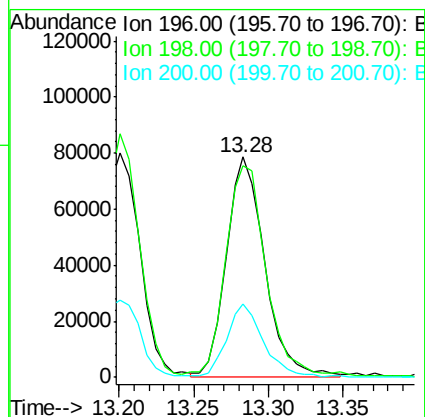
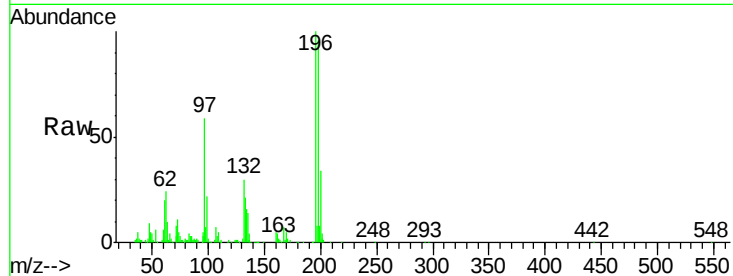
#39
 2,4,5-Trichlorophenol
 Concen: 20.03 ng/ul
 RT: 13.28 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: BG023787.D
 Acq: 19 Aug 2016 9:36

Instrument :
 BNA_G
 ClientSampleId :
 SST02014

Tot Ion:	196	Resp:	142057
Ion Ratio	Lower	Upper	
196	100		
198	95.7	79.8	119.8
200	33.5	24.0	36.0

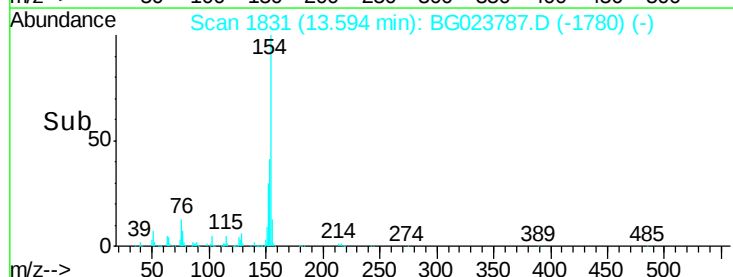
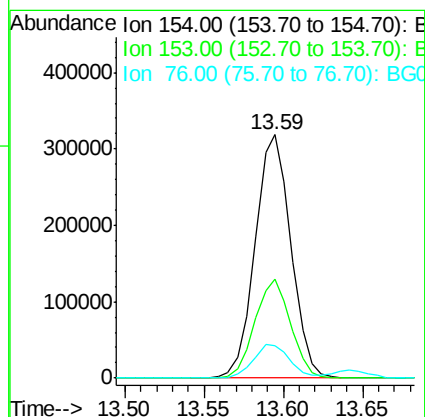
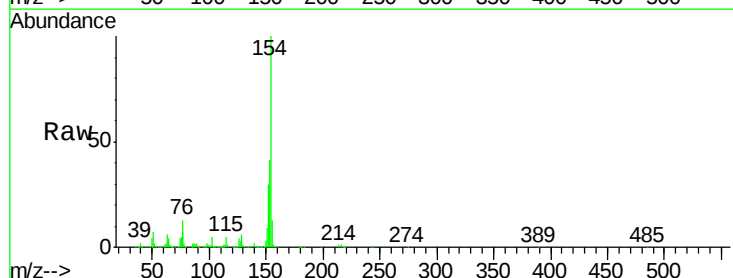
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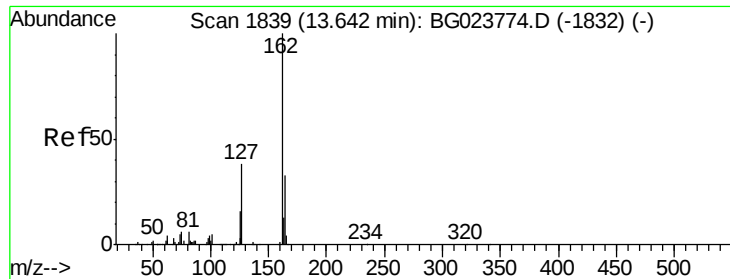
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#40
 1,1'-Biphenyl
 Concen: 20.32 ng/ul
 RT: 13.59 min Scan# 1831
 Delta R.T. -0.00 min
 Lab File: BG023787.D
 Acq: 19 Aug 2016 9:36

Tgt Ion:	154	Resp:	499130
Ion Ratio	Lower	Upper	
154	100		
153	40.9	34.6	52.0
76	13.3	11.9	17.9





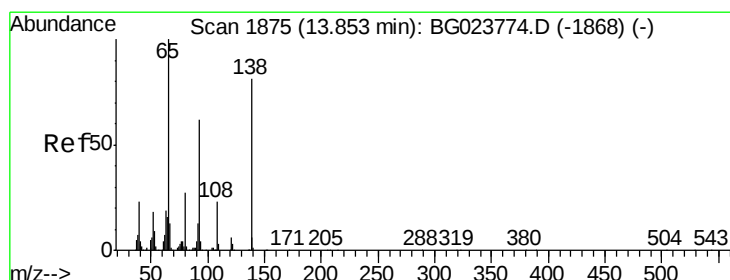
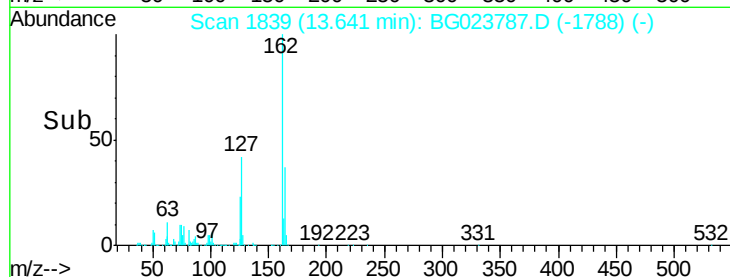
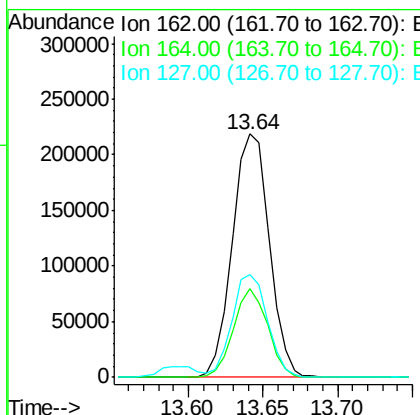
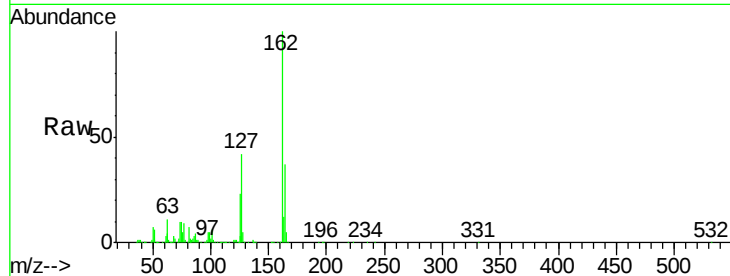
#41
2-Chloronaphthalene
Concen: 20.19 ng/ul
RT: 13.64 min Scan# 1839
Delta R.T. -0.00 min
Lab File: BG023787.D
Acq: 19 Aug 2016 9:36

Instrument :
BNA_G
ClientSampleId :
SSTD02014

Tot Ion	Ratio	Lower	Upper
162	100		
164	36.7	25.4	38.2
127	42.4	30.2	45.4

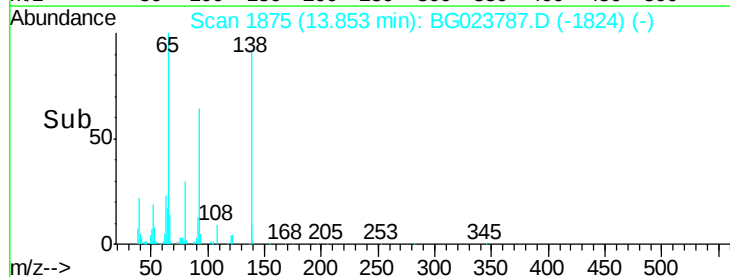
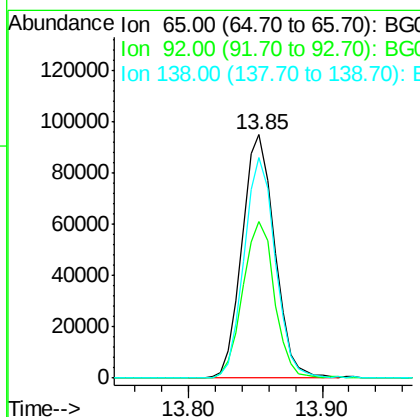
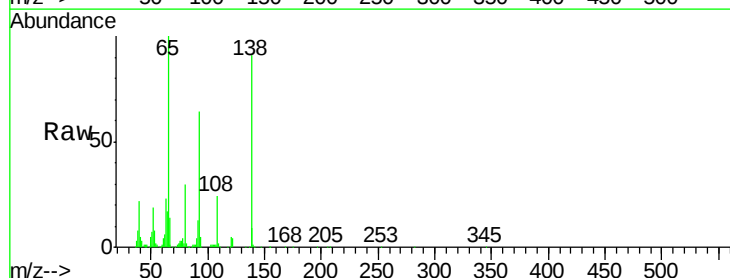
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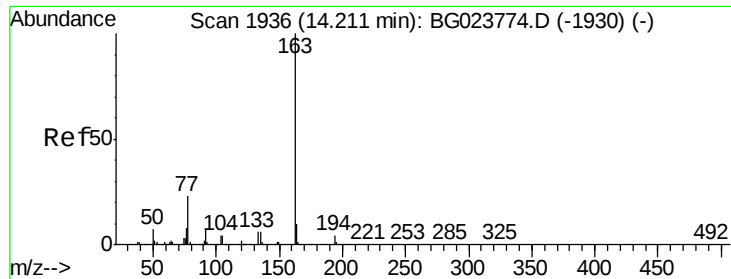
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#42
2-Nitroaniline
Concen: 20.68 ng/ul
RT: 13.85 min Scan# 1875
Delta R.T. -0.00 min
Lab File: BG023787.D
Acq: 19 Aug 2016 9:36

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.4	67.1	100.7#
138	90.6	109.6	164.4#





#44

Dimethylphthalate

Concen: 20.85 ng/ul

RT: 14.21 min Scan# 1936

Delta R.T. -0.00 min

Lab File: BG023787.D

Acq: 19 Aug 2016 9:36

Instrument :

BNA_G

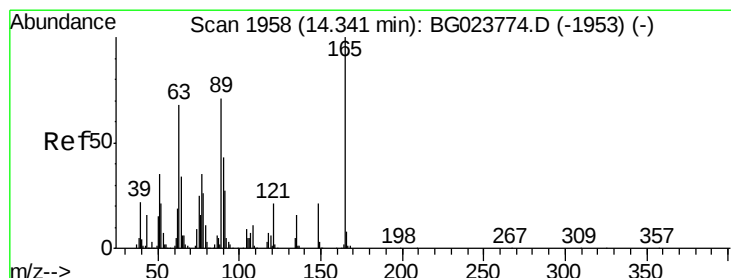
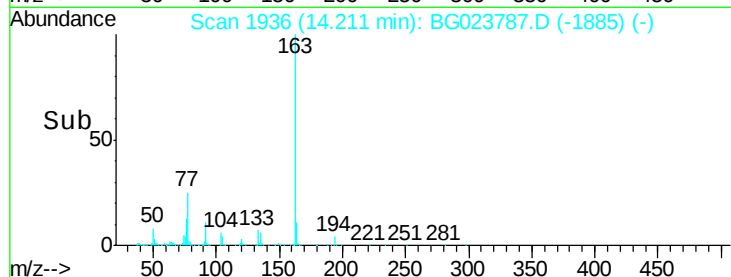
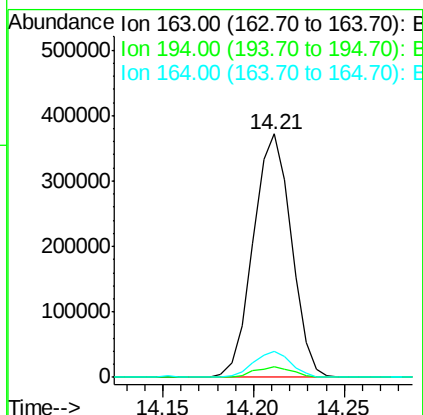
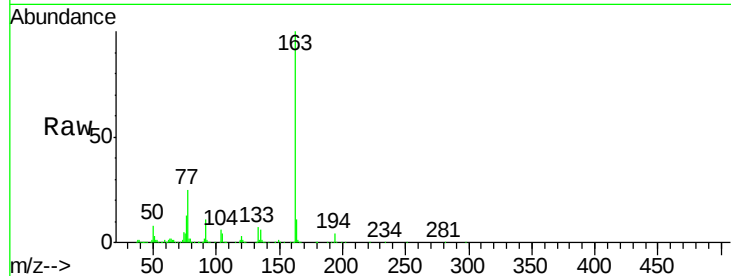
ClientSampled :

SSTD02014

Tot Ion:	163	Resp:	542870
Ion Ratio		Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.5	8.8	13.2

Manual Integrations
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#45

2,6-Dinitrotoluene

Concen: 20.95 ng/ul

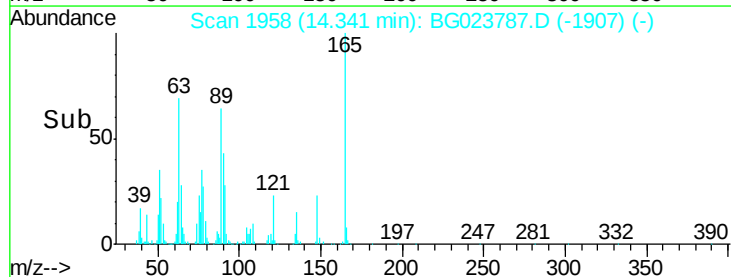
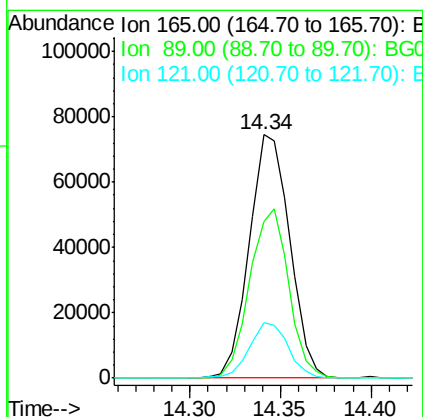
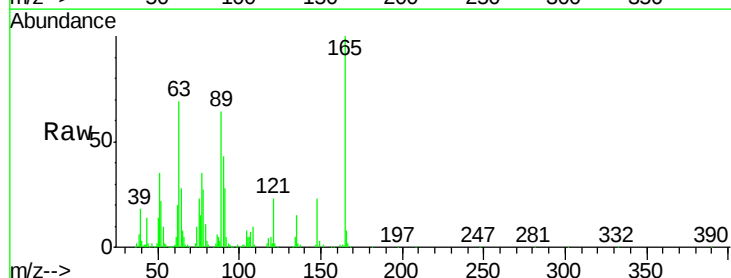
RT: 14.34 min Scan# 1958

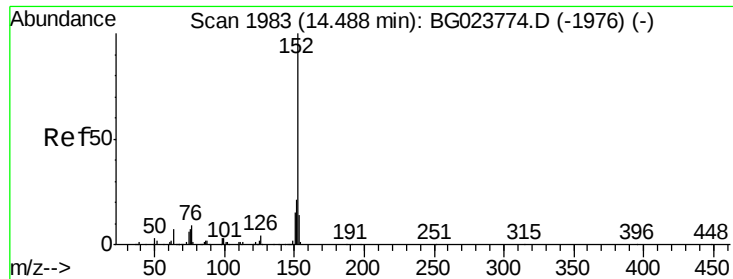
Delta R.T. -0.00 min

Lab File: BG023787.D

Acq: 19 Aug 2016 9:36

Tgt Ion:	165	Resp:	116442
Ion Ratio		Lower	Upper
165	100		
89	64.2	41.5	62.3#
121	22.8	17.0	25.4





#47

Acenaphthylene

Concen: 20.95 ng/ul

RT: 14.49 min Scan# 1984

Delta R.T. 0.01 min

Lab File: BG023787.D

Acq: 19 Aug 2016 9:36

Instrument :

BNA_G

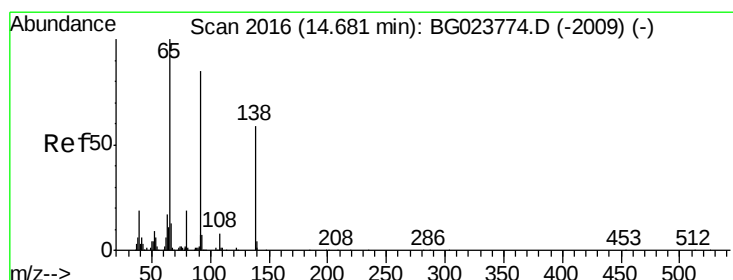
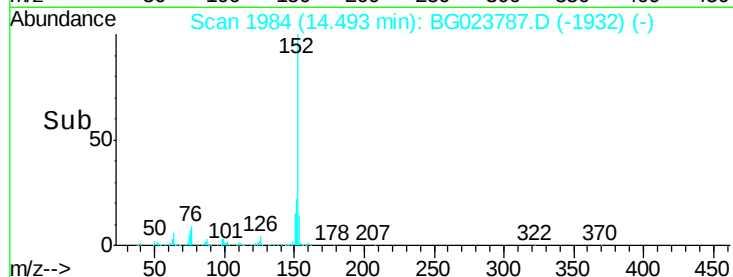
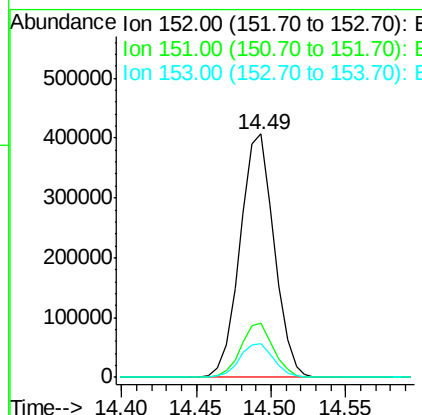
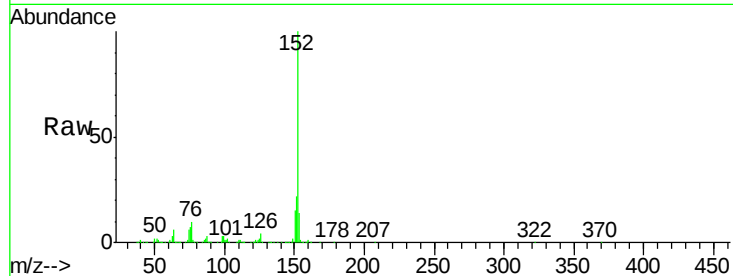
ClientSampleId :

SSTD02014

Tot Ion:	152	Resp:	643520
Ion Ratio	Lower	Upper	
152	100		
151	22.3	17.5	26.3
153	13.9	11.1	16.7

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#48

3-Nitroaniline

Concen: 21.00 ng/ul

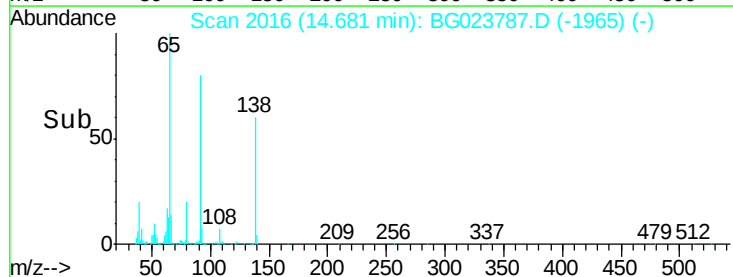
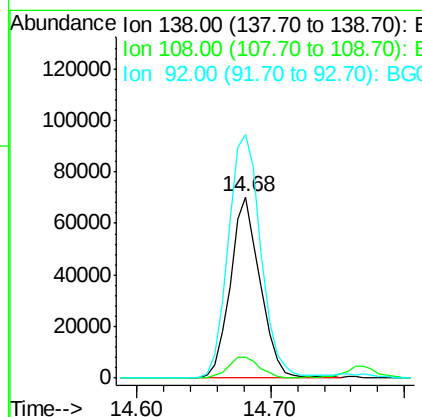
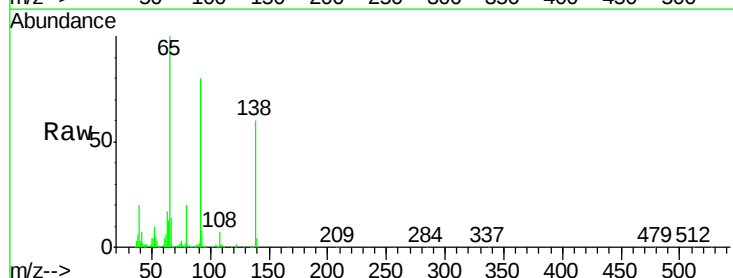
RT: 14.68 min Scan# 2016

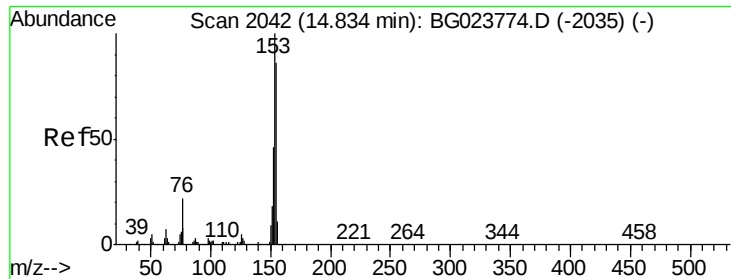
Delta R.T. -0.00 min

Lab File: BG023787.D

Acq: 19 Aug 2016 9:36

Tgt Ion:	138	Resp:	109938
Ion Ratio	Lower	Upper	
138	100		
108	11.3	6.2	9.2#
92	134.3	79.3	118.9#





#49

Acenaphthene

Concen: 20.84 ng/ul

RT: 14.83 min Scan# 2042

Delta R.T. -0.00 min

Lab File: BG023787.D

Acq: 19 Aug 2016 9:36

Instrument :

BNA_G

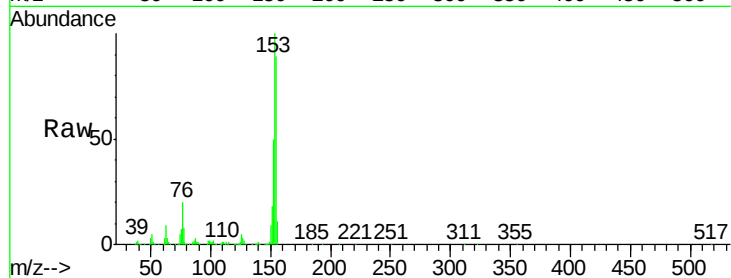
ClientSampleId :

SSTD02014

Tot Ion	Ratio	Lower	Upper
153	100		
152	50.0	37.3	55.9
154	88.7	68.2	102.2

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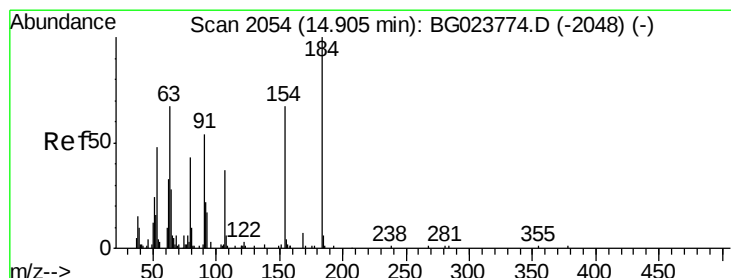
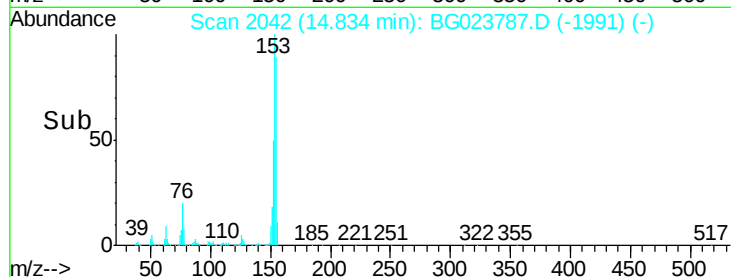
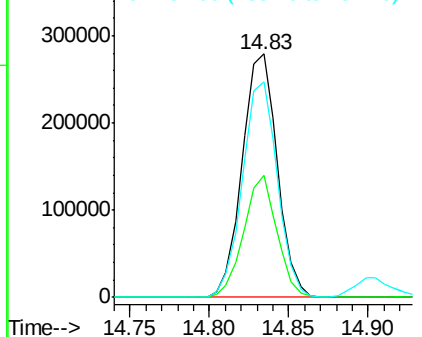
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Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#50

2,4-Dinitrophenol

Concen: 18.49 ng/ul

RT: 14.90 min Scan# 2054

Delta R.T. -0.00 min

Lab File: BG023787.D

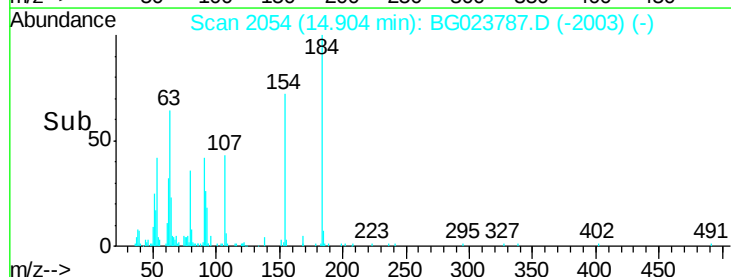
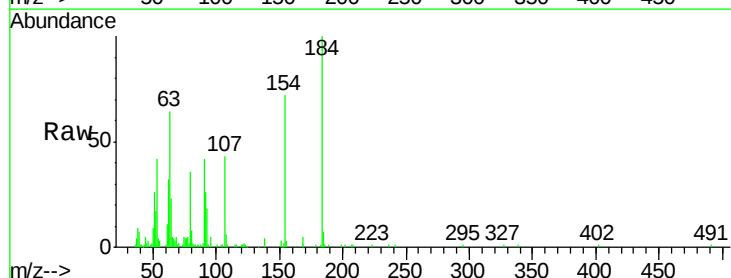
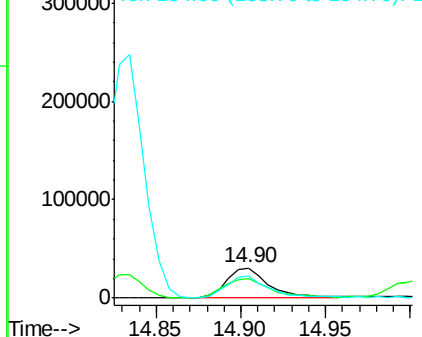
Acq: 19 Aug 2016 9:36

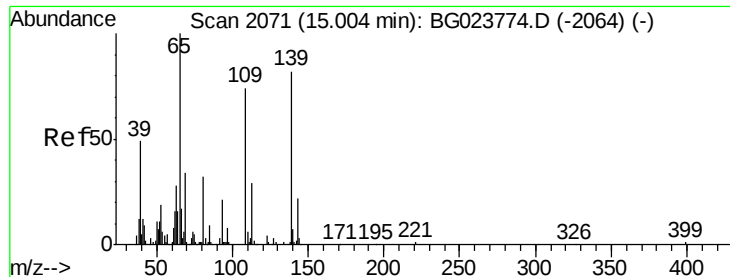
Tgt Ion	Ratio	Lower	Upper
184	100		
63	64.0	40.5	60.7#
154	71.5	48.5	72.7

Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 154.00 (153.70 to 154.70): E





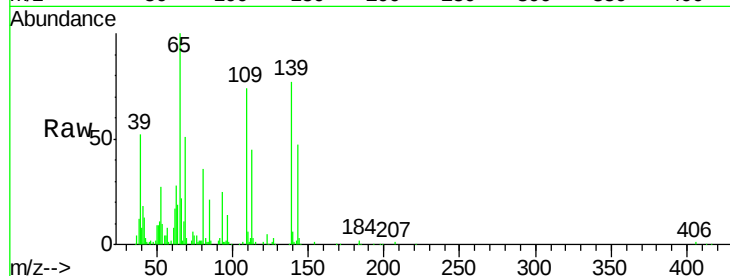
#52
4-Nitrophenol
Concen: 20.25 ng/ul
RT: 15.00 min Scan# 2070
Delta R.T. -0.01 min
Lab File: BG023787.D
Acq: 19 Aug 2016 9:36

Instrument :
BNA_G
ClientSampleId :
SSTD02014

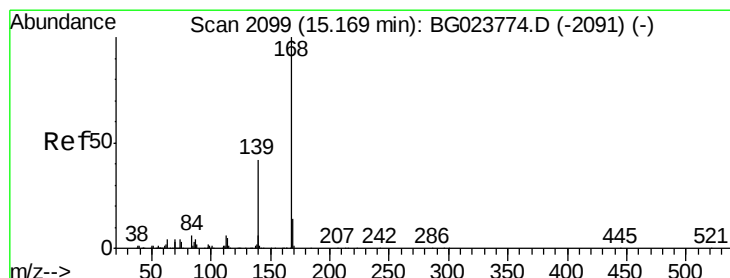
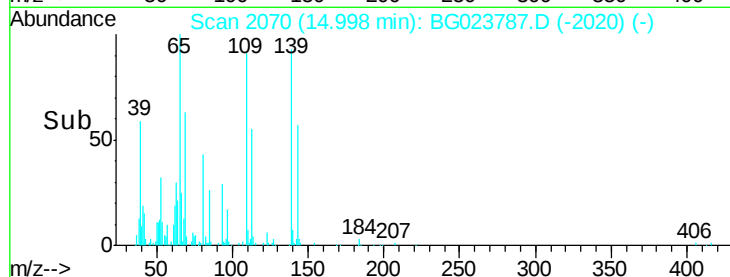
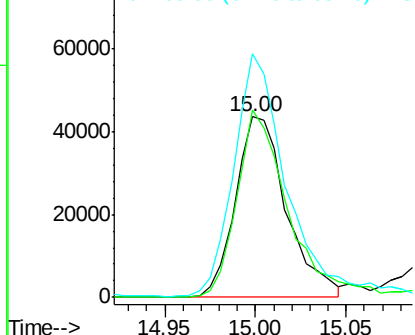
Tot Ion	Ratio	Lower	Upper
109	100		
139	103.9	136.1	204.1#
65	134.9	106.0	159.0

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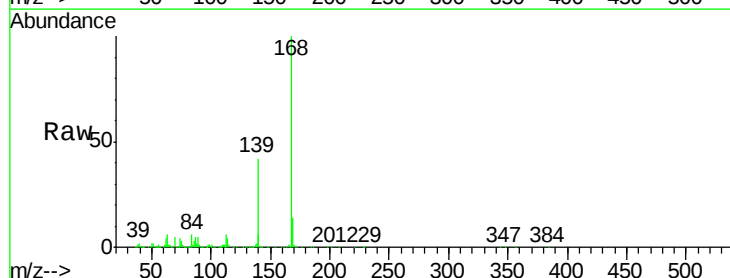


Abundance Ion 109.00 (108.70 to 109.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): BGC

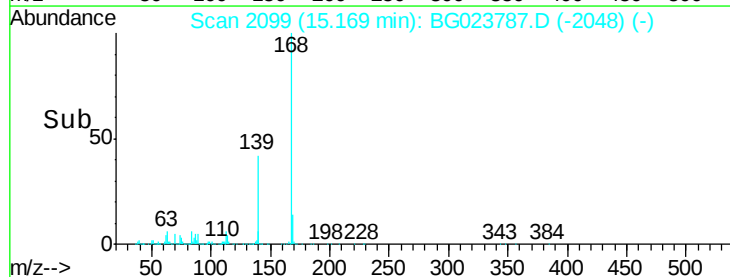
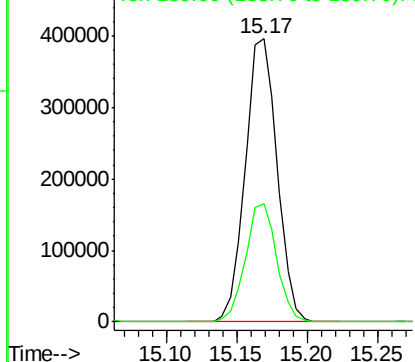


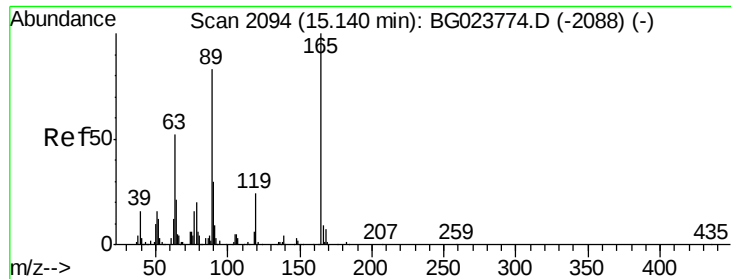
#53
Dibenzofuran
Concen: 21.00 ng/ul
RT: 15.17 min Scan# 2099
Delta R.T. -0.00 min
Lab File: BG023787.D
Acq: 19 Aug 2016 9:36

Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.9	27.4	41.0#



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E





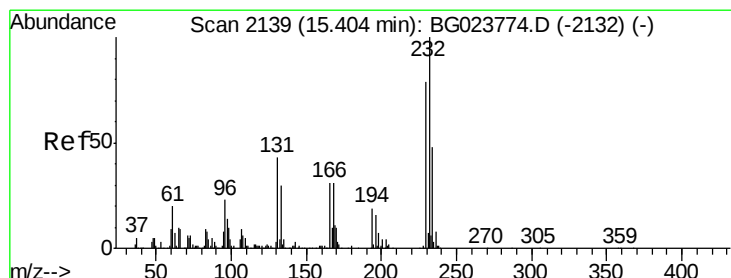
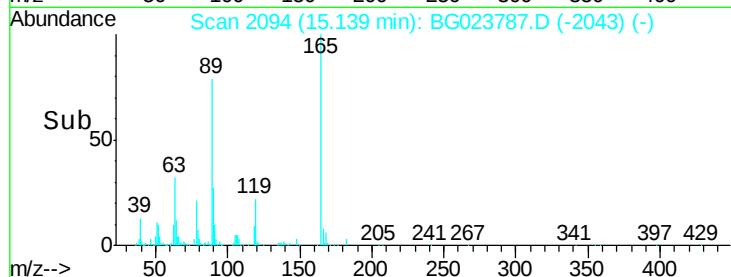
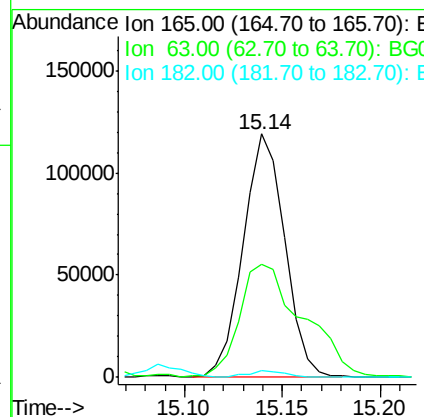
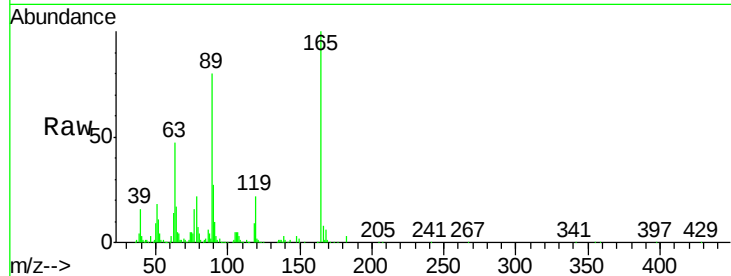
#54
 2,4-Dinitrotoluene
 Concen: 21.52 ng/ul
 RT: 15.14 min Scan# 2094
 Delta R.T. -0.00 min
 Lab File: BG023787.D
 Acq: 19 Aug 2016 9:36

Instrument :
 BNA_G
 ClientSampleId :
 SST02014

Tot Ion	Ratio	Resp	Lower	Upper
165	100	174786		
63	46.7	25.7	38.5#	
182	2.7	2.1	3.1	

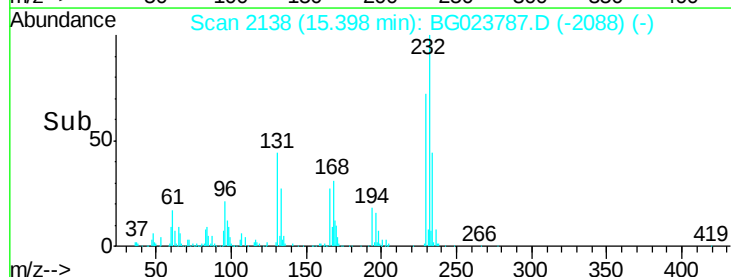
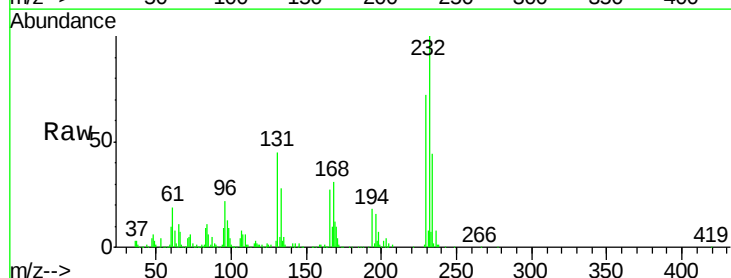
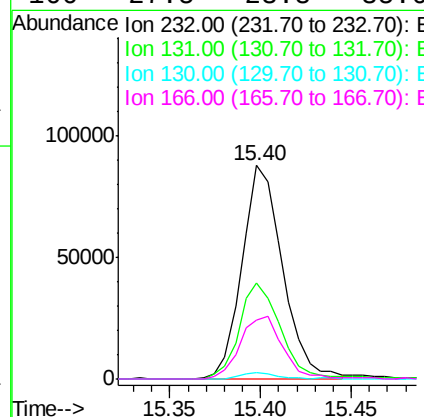
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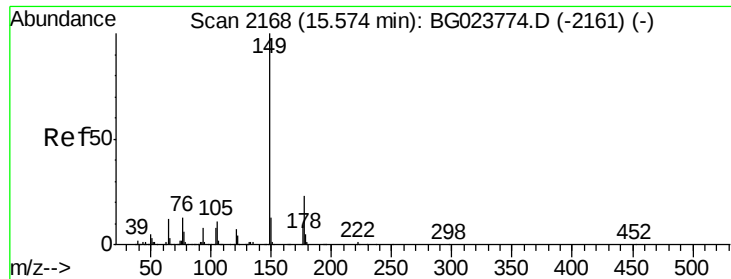
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#55
 2,3,4,6-Tetrachlorophenol
 Concen: 21.02 ng/ul
 RT: 15.40 min Scan# 2138
 Delta R.T. -0.01 min
 Lab File: BG023787.D
 Acq: 19 Aug 2016 9:36

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	137519		
131	44.7	34.8	52.2	
130	2.8	2.2	3.2	
166	27.5	23.8	35.6	





#56

Diethylphthalate

Concen: 21.26 ng/ul

RT: 15.57 min Scan# 2168

Delta R.T. -0.00 min

Lab File: BG023787.D

Acq: 19 Aug 2016 9:36

Instrument :

BNA_G

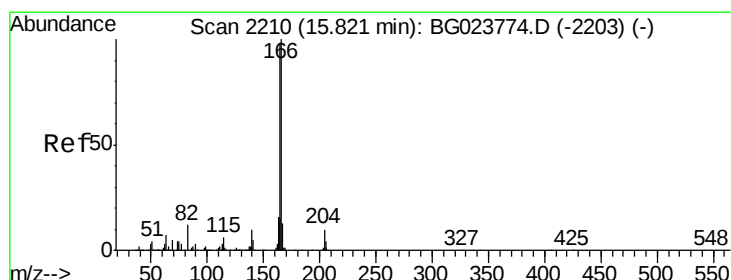
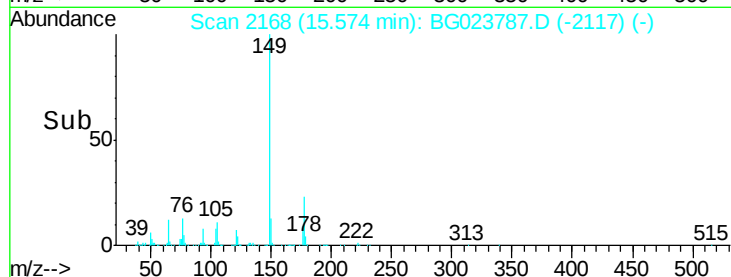
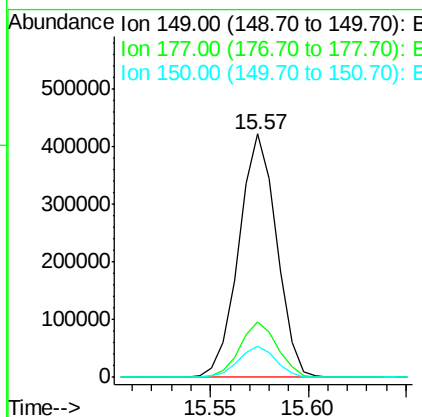
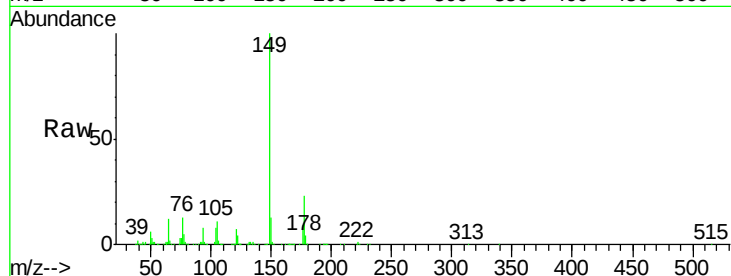
ClientSampleId :

SSTD02014

Tot Ion:	149	Resp:	565378
Ion Ratio	Lower	Upper	
149	100		
177	22.5	17.4	26.2
150	12.7	9.6	14.4

Manual Integrations
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#58

Fluorene

Concen: 20.75 ng/ul

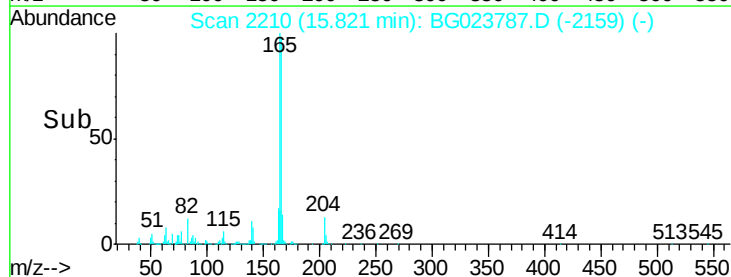
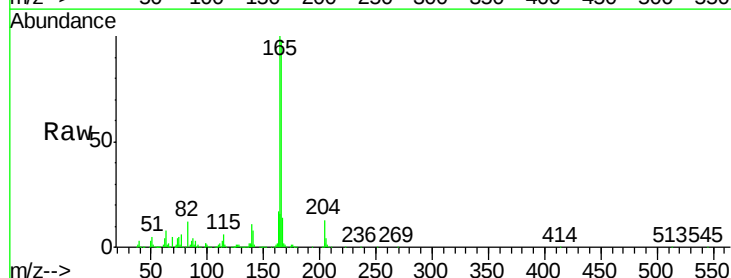
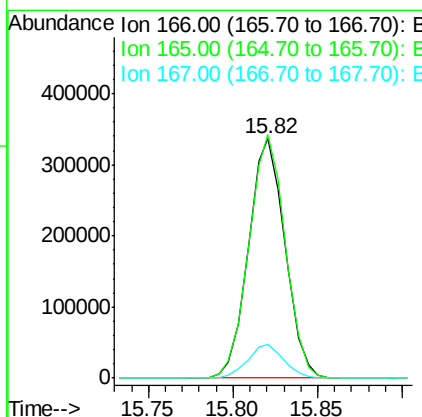
RT: 15.82 min Scan# 2210

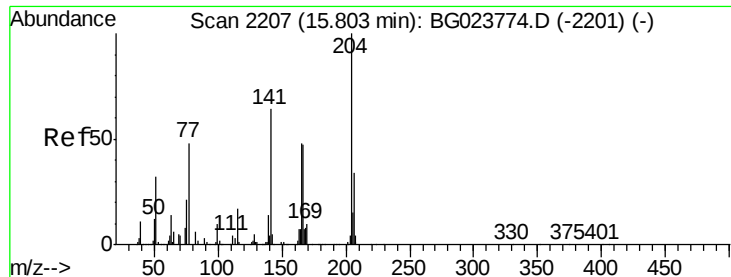
Delta R.T. -0.00 min

Lab File: BG023787.D

Acq: 19 Aug 2016 9:36

Tgt Ion:	166	Resp:	502643
Ion Ratio	Lower	Upper	
166	100		
165	101.7	80.3	120.5
167	14.2	10.3	15.5





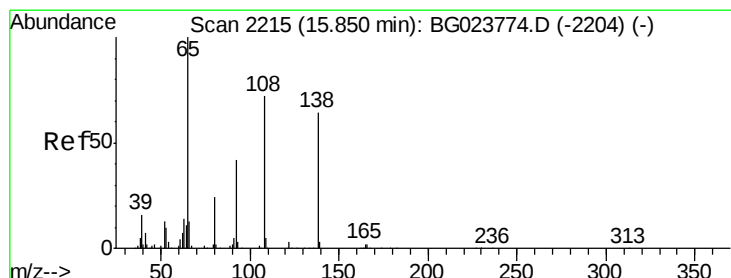
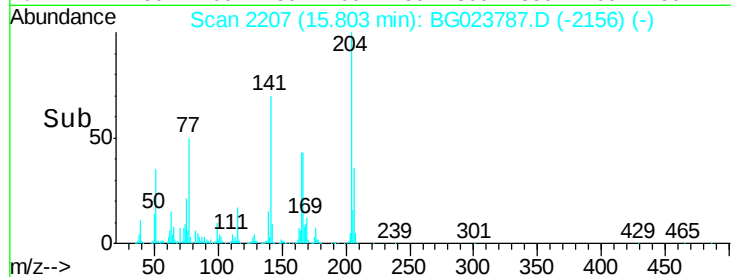
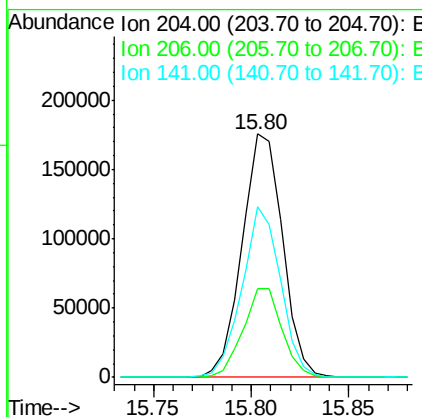
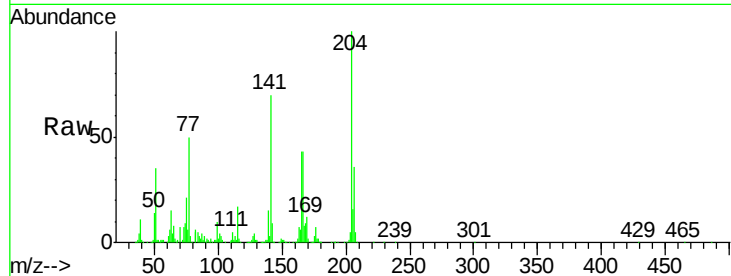
#59
 4-Chlorophenyl-phenylether
 Concen: 20.66 ng/ul
 RT: 15.80 min Scan# 2207
 Delta R.T. -0.00 min
 Lab File: BG023787.D
 Acq: 19 Aug 2016 9:36

Instrument :
 BNA_G
 ClientSampleId :
 SST02014

Tot Ion	Ratio	Lower	Upper
204	100		
206	36.2	27.4	41.2
141	70.0	47.1	70.7

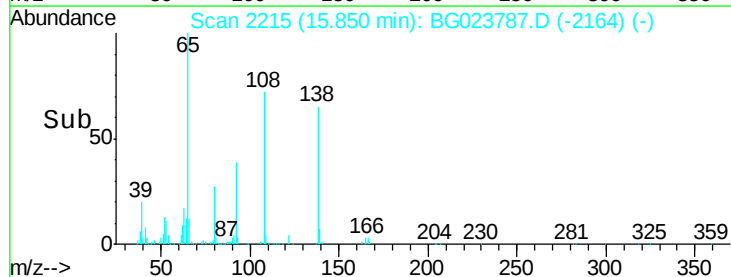
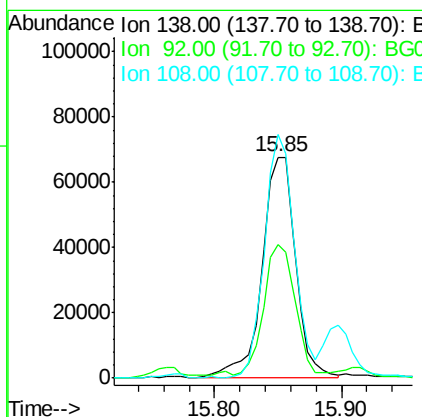
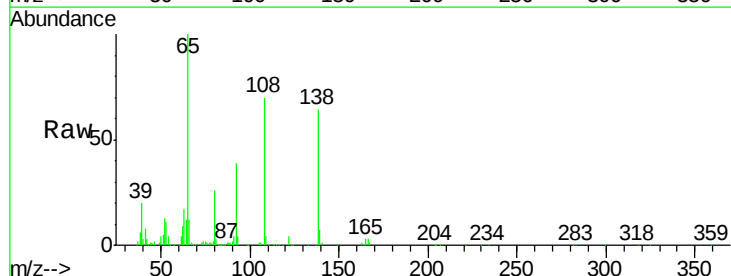
Manual Integrations
 APPROVED

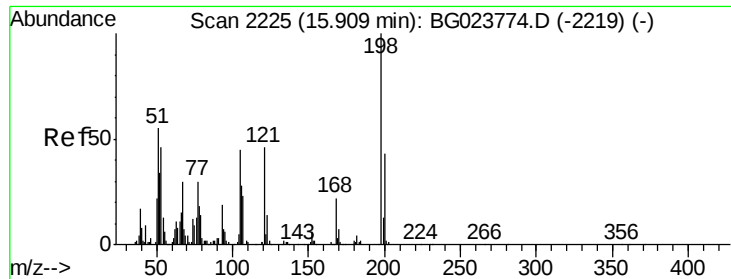
sohil
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#60
 4-Nitroaniline
 Concen: 21.63 ng/ul
 RT: 15.85 min Scan# 2215
 Delta R.T. -0.00 min
 Lab File: BG023787.D
 Acq: 19 Aug 2016 9:36

Tgt Ion	Ratio	Lower	Upper
138	100		
92	60.7	39.0	58.4#
108	110.2	49.2	73.8#





#63

4,6-Dinitro-2-methylphenol

Concen: 20.75 ng/ul

RT: 15.91 min Scan# 2226

Delta R.T. 0.01 min

Lab File: BG023787.D

Acq: 19 Aug 2016 9:36

Instrument :

BNA_G

ClientSampleId :

SSTD02014

Tot Ion:198 Resp: 106084

Ion Ratio Lower Upper

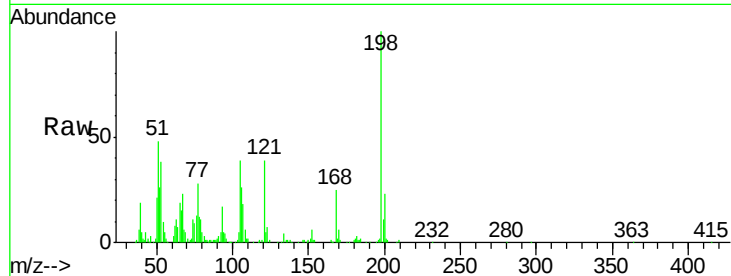
198 100

182 3.5 4.2 6.2#

77 28.1 16.7 25.1#

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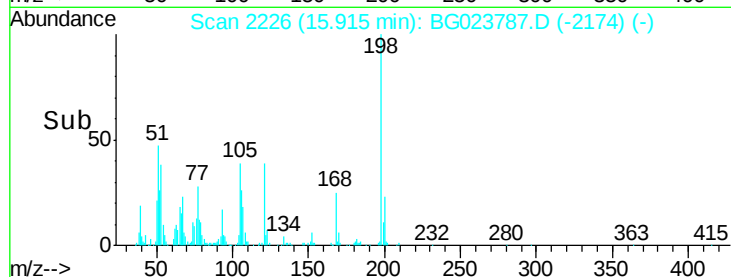


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 77.00 (76.70 to 77.70): B

Time-->

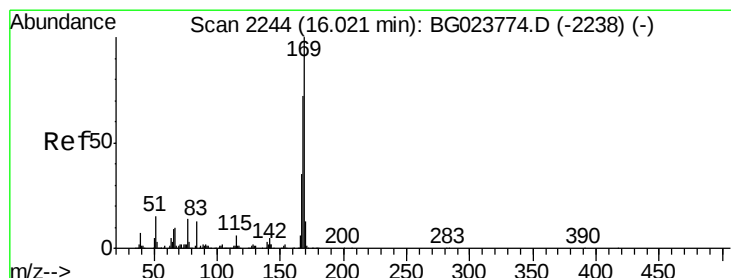


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 77.00 (76.70 to 77.70): B

Time-->



#64

N-Nitrosodiphenylamine

Concen: 20.59 ng/ul

RT: 16.03 min Scan# 2245

Delta R.T. 0.01 min

Lab File: BG023787.D

Acq: 19 Aug 2016 9:36

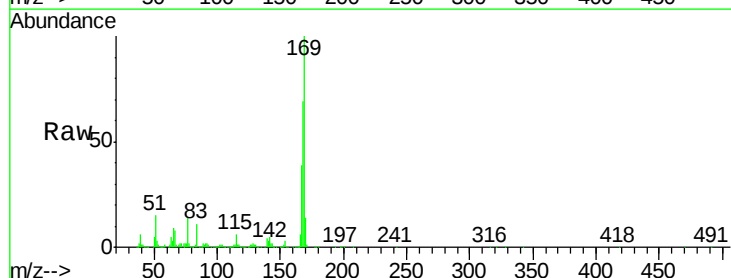
Tgt Ion:169 Resp: 471041

Ion Ratio Lower Upper

169 100

168 68.7 59.0 88.6

167 39.5 30.6 46.0

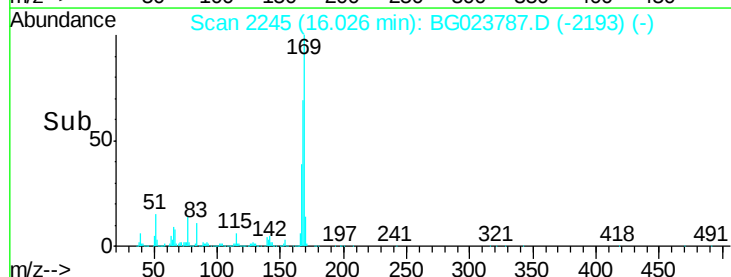


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

Time-->

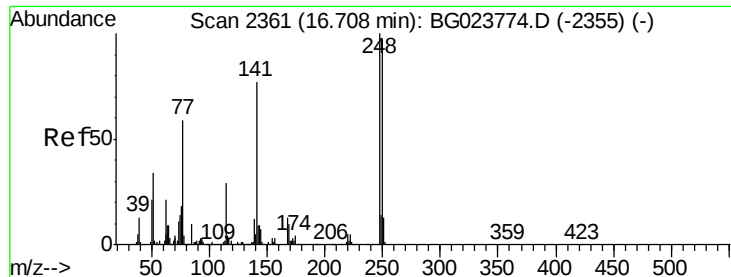


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

Time-->



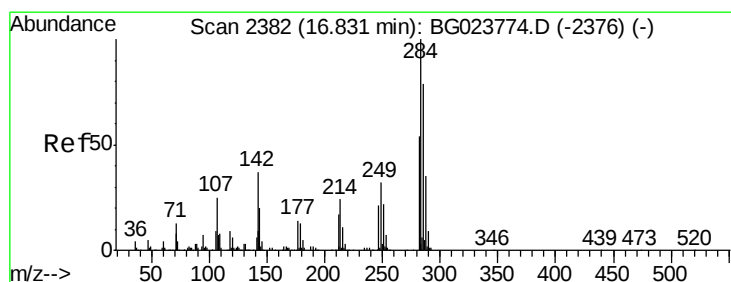
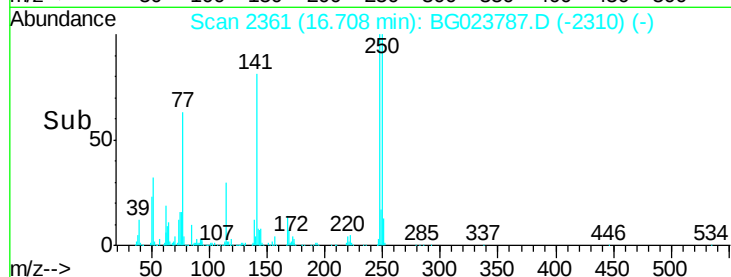
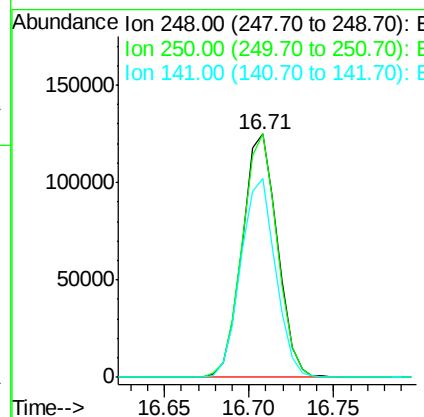
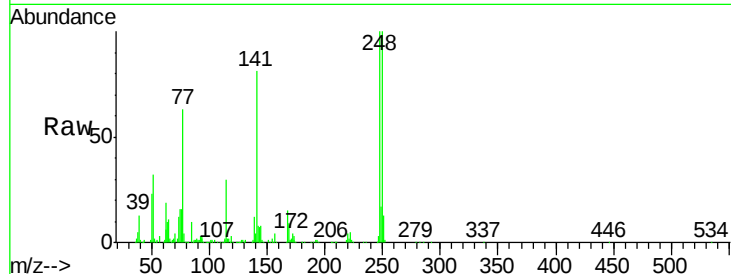
#65
4-Bromophenyl-phenylether
Concen: 20.30 ng/ul
RT: 16.71 min Scan# 2361
Delta R.T. -0.00 min
Lab File: BG023787.D
Acq: 19 Aug 2016 9:36

Instrument :
BNA_G
ClientSampleId :
SSTD02014

Tot Ion	Ratio	Lower	Upper
248	100		
250	100.0	76.6	114.8
141	81.4	61.8	92.6

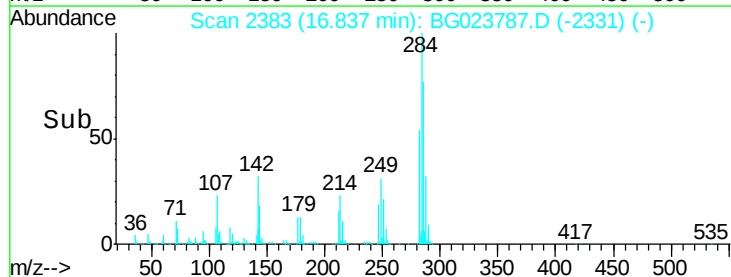
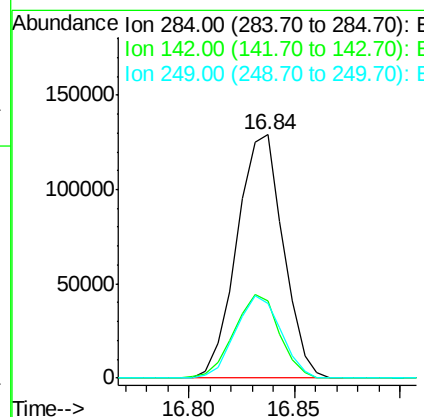
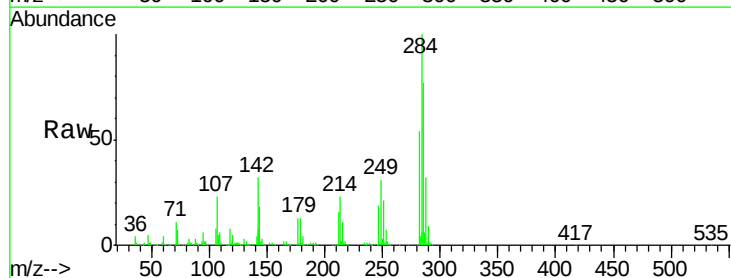
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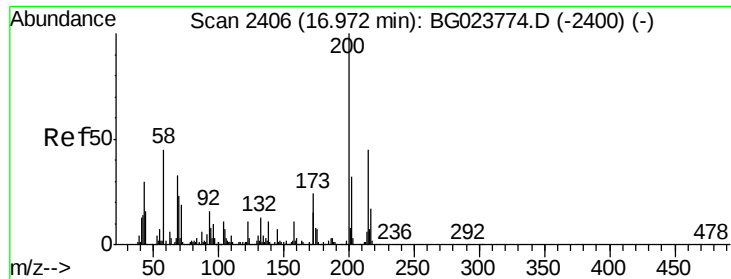
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#66
Hexachlorobenzene
Concen: 20.44 ng/ul
RT: 16.84 min Scan# 2383
Delta R.T. 0.01 min
Lab File: BG023787.D
Acq: 19 Aug 2016 9:36

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.6	27.8	41.8
249	30.8	24.4	36.6





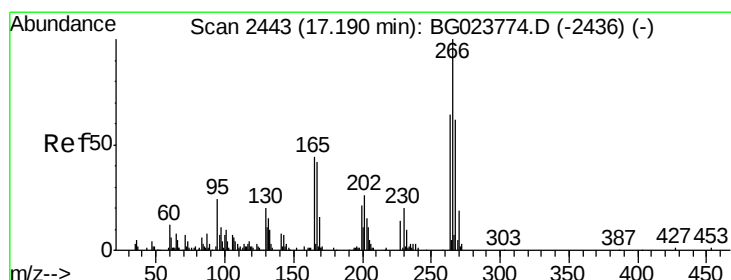
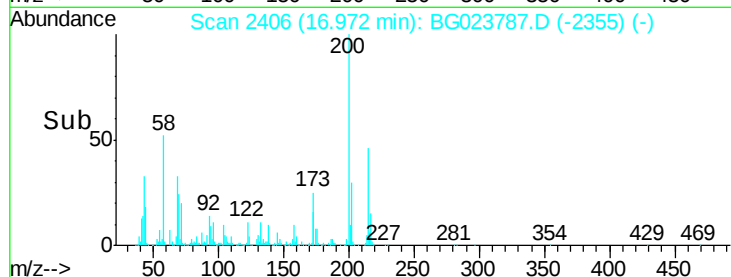
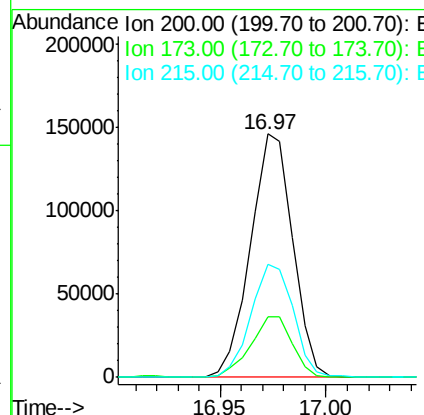
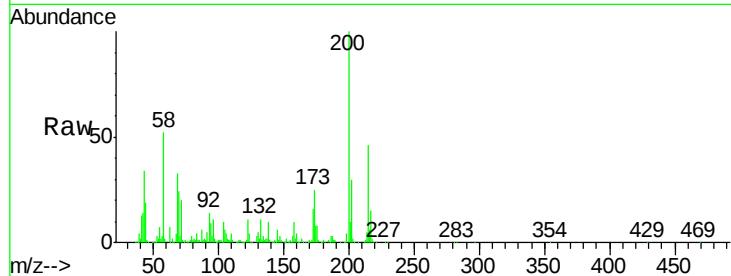
#67
 Atrazine
 Concen: 21.68 ng/ul
 RT: 16.97 min Scan# 2406
 Delta R.T. -0.00 min
 Lab File: BG023787.D
 Acq: 19 Aug 2016 9:36

Instrument :
 BNA_G
 ClientSampleId :
 SST02014

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	24.9	21.0	31.6
215	46.3	37.9	56.9

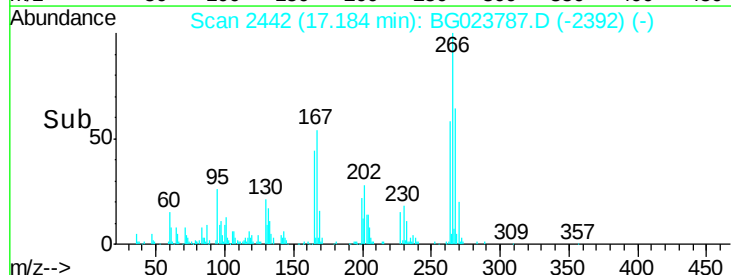
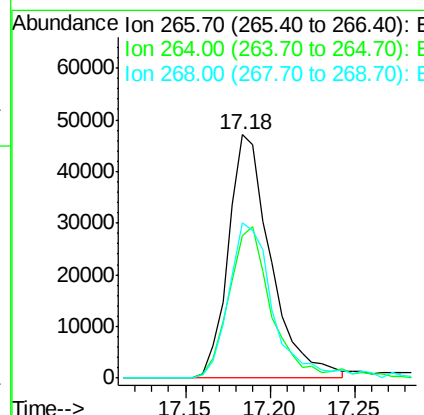
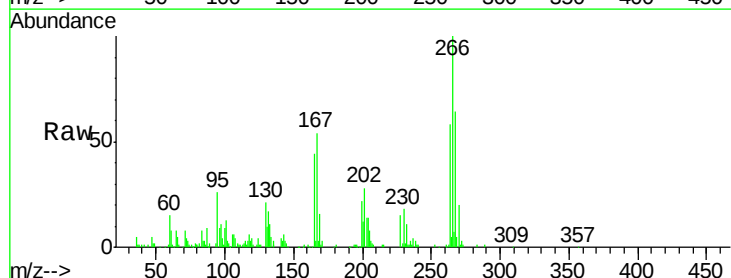
Manual Integrations
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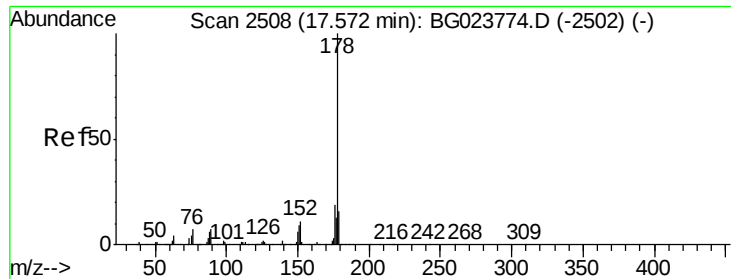
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#68
 Pentachlorophenol
 Concen: 19.55 ng/ul
 RT: 17.18 min Scan# 2442
 Delta R.T. -0.01 min
 Lab File: BG023787.D
 Acq: 19 Aug 2016 9:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
264	58.3	54.7	82.1
268	64.0	57.8	86.8





#69

Phenanthrene

Concen: 21.24 ng/ul

RT: 17.58 min Scan# 2509

Delta R.T. 0.01 min

Lab File: BG023787.D

Acq: 19 Aug 2016 9:36

Instrument :

BNA_G

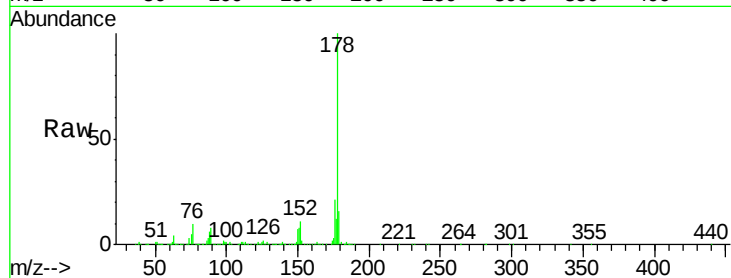
ClientSampleId :

SSTD02014

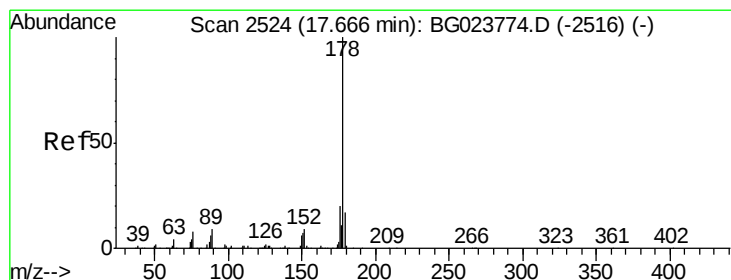
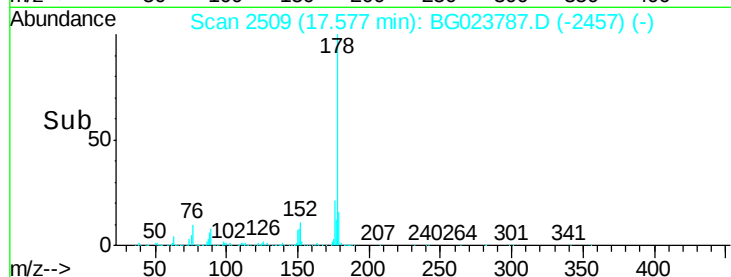
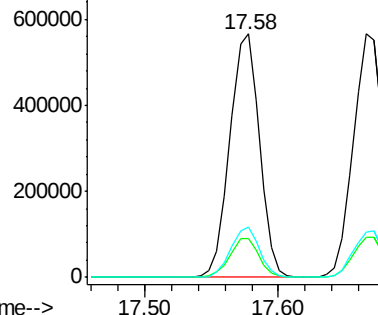
Tot Ion:	178	Resp:	868752
Ion Ratio	Lower	Upper	
178	100		
179	15.9	12.9	19.3
176	20.7	15.8	23.8

Manual Integrations
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 21.03 ng/ul

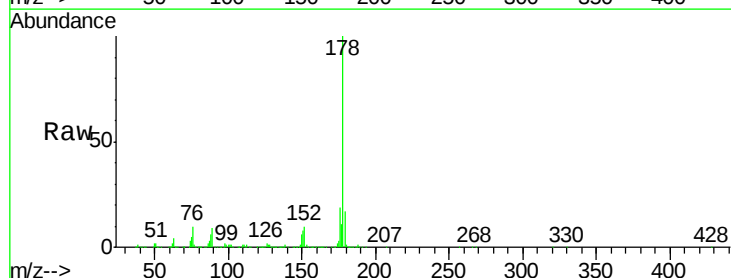
RT: 17.67 min Scan# 2524

Delta R.T. -0.00 min

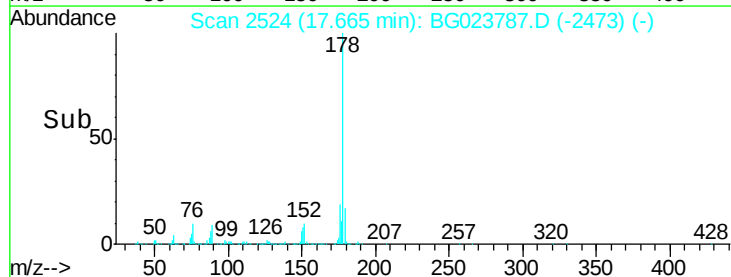
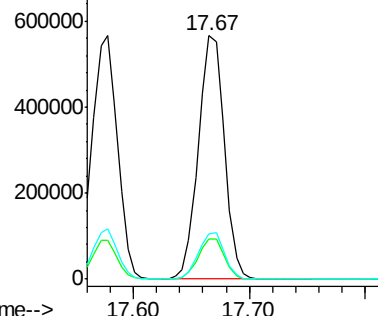
Lab File: BG023787.D

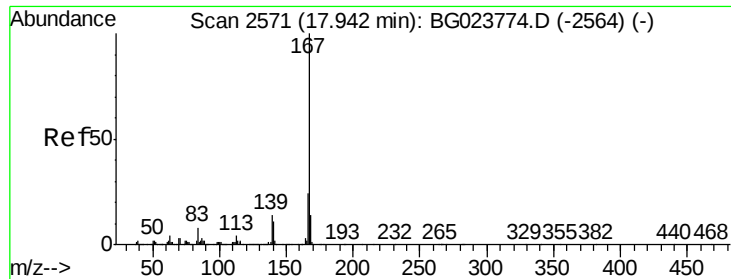
Acq: 19 Aug 2016 9:36

Tgt Ion:	178	Resp:	884597
Ion Ratio	Lower	Upper	
178	100		
179	16.7	12.3	18.5
176	18.8	16.3	24.5



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 23.08 ng/ul

RT: 17.94 min Scan# 2571

Delta R.T. -0.00 min

Lab File: BG023787.D

Acq: 19 Aug 2016 9:36

Instrument :

BNA_G

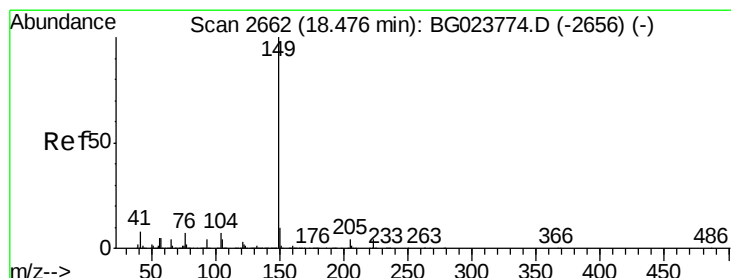
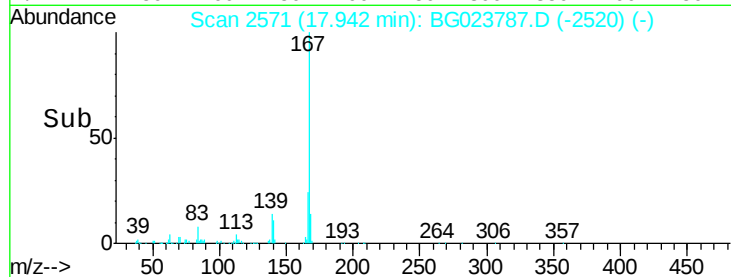
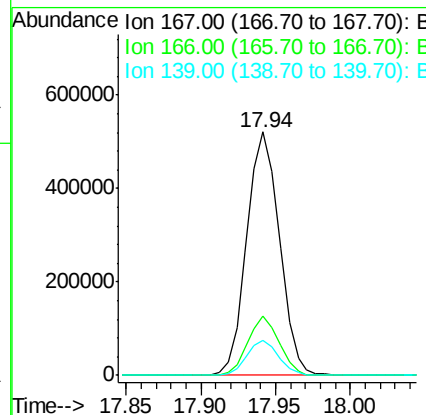
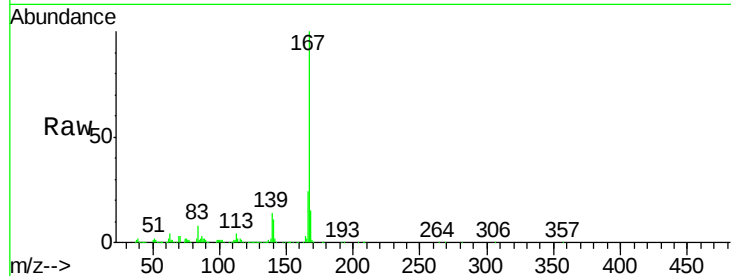
ClientSampleId :

SSTD02014

Tot Ion:	167	Resp:	792222
Ion Ratio	Lower	Upper	
167	100		
166	24.5	19.2	28.8
139	14.2	10.2	15.4

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#73

Di-n-butylphthalate

Concen: 21.63 ng/ul

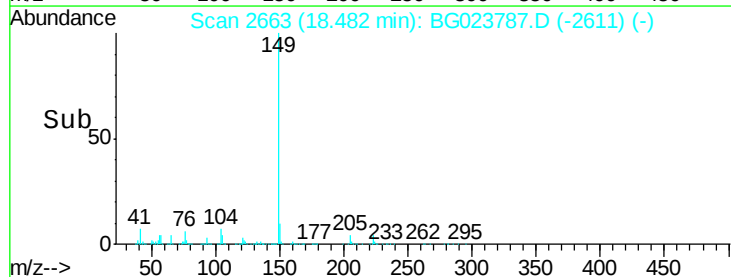
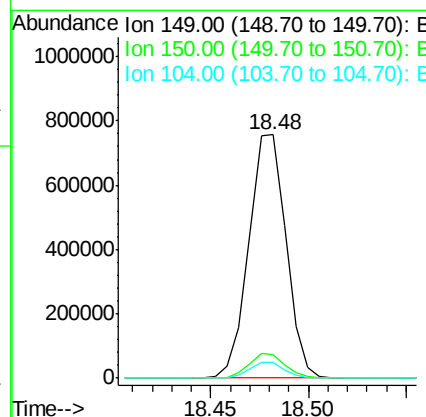
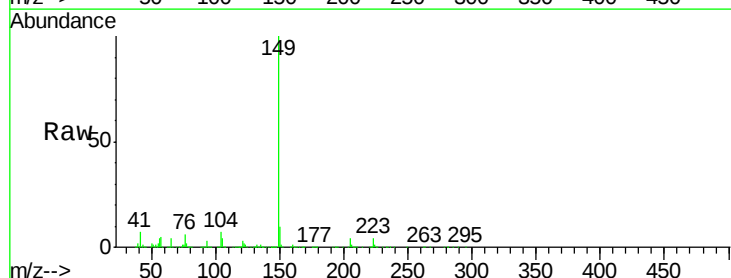
RT: 18.48 min Scan# 2663

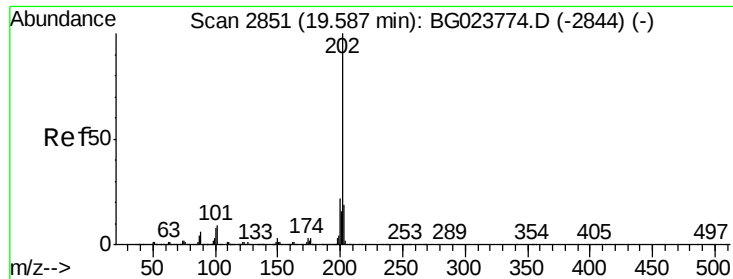
Delta R.T. 0.01 min

Lab File: BG023787.D

Acq: 19 Aug 2016 9:36

Tgt Ion:	149	Resp:	1004163
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.1	10.7
104	6.5	3.3	4.9#





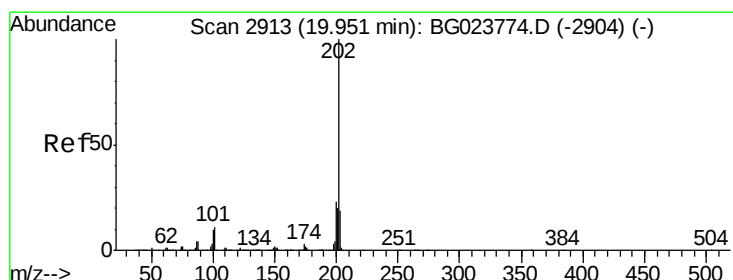
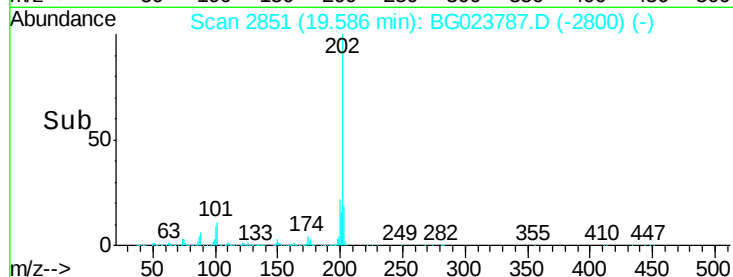
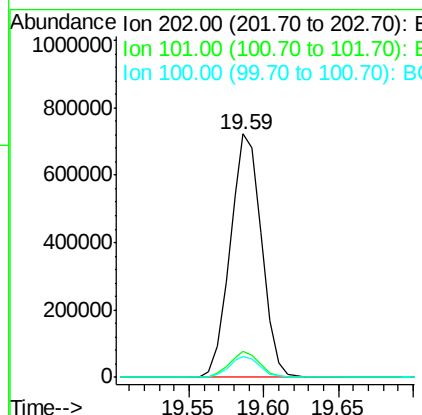
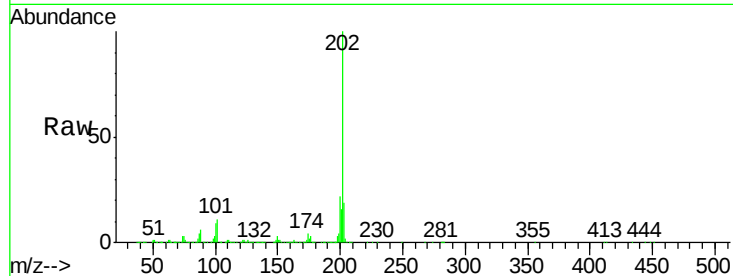
#74
Fluoranthene
Concen: 24.24 ng/ul
RT: 19.59 min Scan# 2851
Delta R.T. -0.00 min
Lab File: BG023787.D
Acq: 19 Aug 2016 9:36

Instrument :
BNA_G
ClientSampleId :
SSTD02014

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.6	10.6	16.0#
100	8.7	8.7	13.1

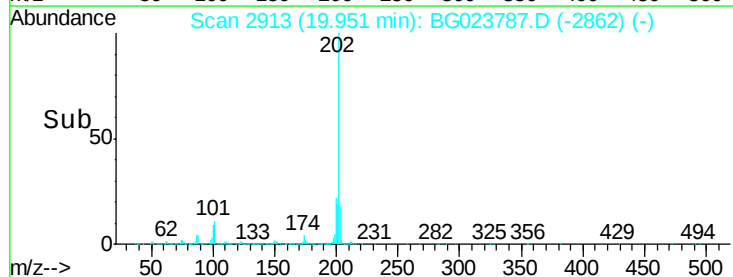
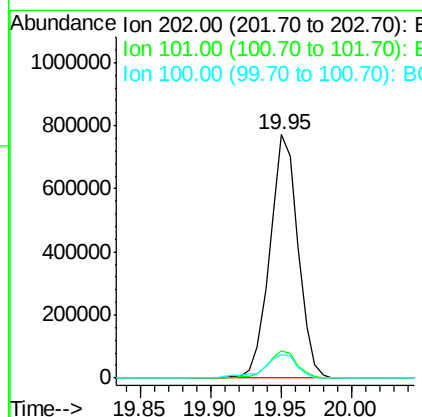
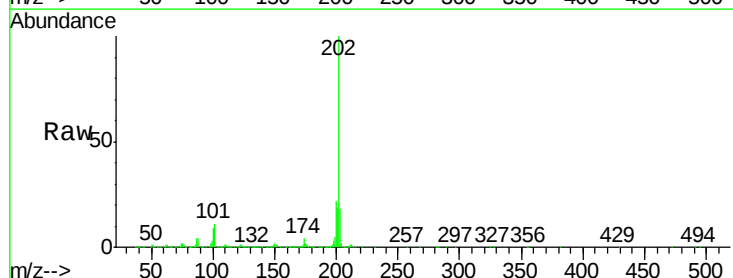
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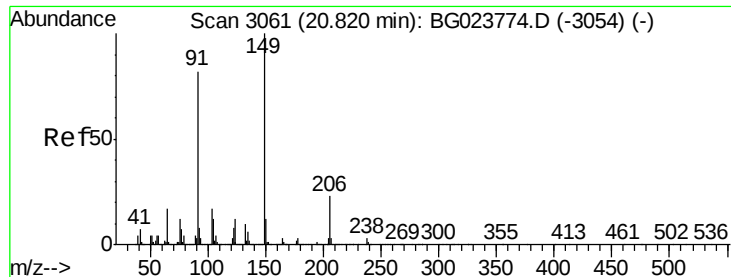
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#77
Pyrene
Concen: 22.82 ng/ul
RT: 19.95 min Scan# 2913
Delta R.T. -0.00 min
Lab File: BG023787.D
Acq: 19 Aug 2016 9:36

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.2	12.5	18.7#
100	9.4	10.2	15.4#





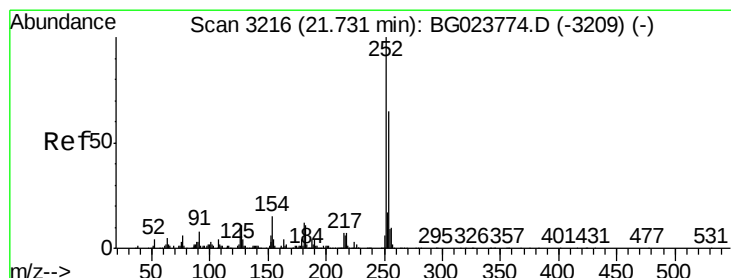
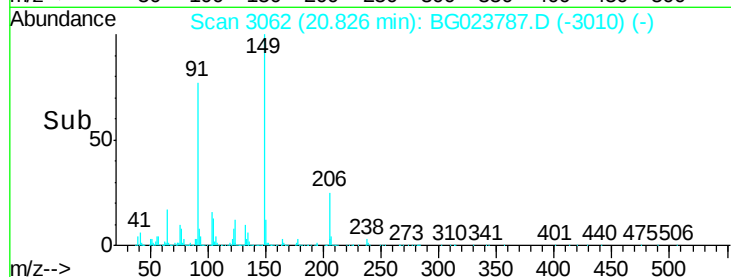
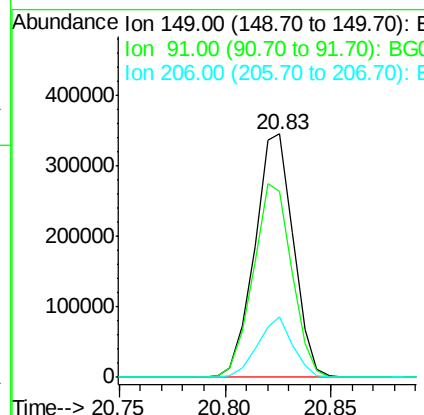
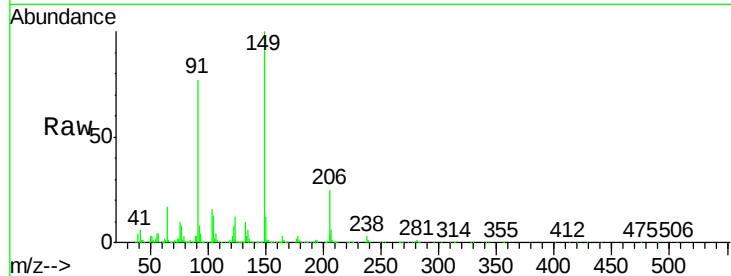
#78
Butylbenzylphthalate
Concen: 20.45 ng/ul
RT: 20.83 min Scan# 3062
Delta R.T. 0.01 min
Lab File: BG023787.D
Acq: 19 Aug 2016 9:36

Instrument :
BNA_G
ClientSampleId :
SSTD02014

Tot Ion	Ratio	Lower	Upper
149	100		
91	76.7	54.2	81.4
206	24.9	14.1	21.1

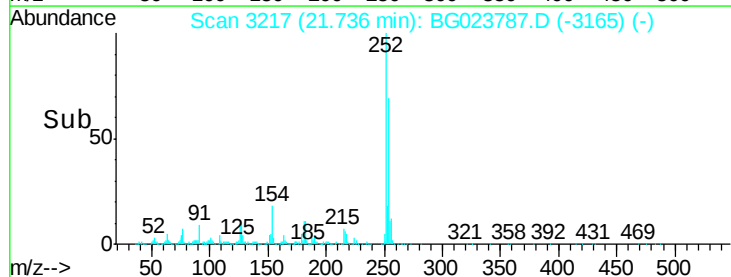
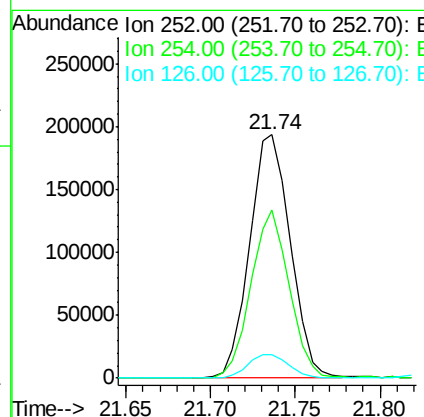
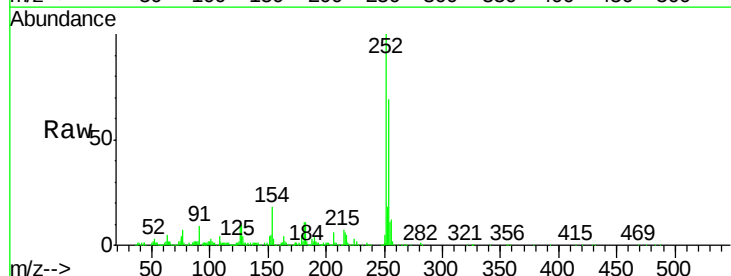
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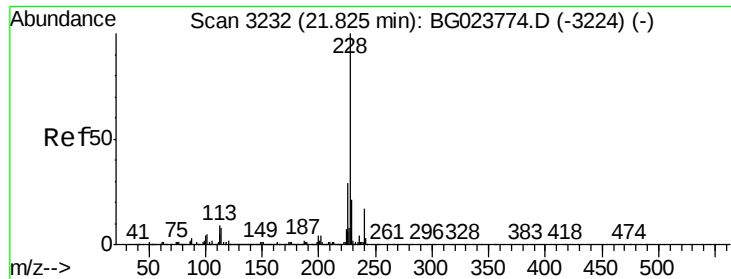
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#79
3,3'-Dichlorobenzidine
Concen: 20.33 ng/ul
RT: 21.74 min Scan# 3217
Delta R.T. 0.01 min
Lab File: BG023787.D
Acq: 19 Aug 2016 9:36

Tgt Ion	Ratio	Lower	Upper
252	100		
254	69.2	51.4	77.2
126	9.7	10.7	16.1





#80

Benzo(a)anthracene

Concen: 20.90 ng/ul

RT: 21.82 min Scan# 3232

Delta R.T. -0.00 min

Lab File: BG023787.D

Acq: 19 Aug 2016 9:36

Instrument :

BNA_G

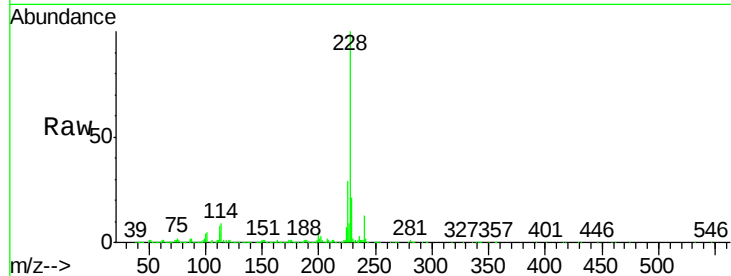
ClientSampleId :

SSTD02014

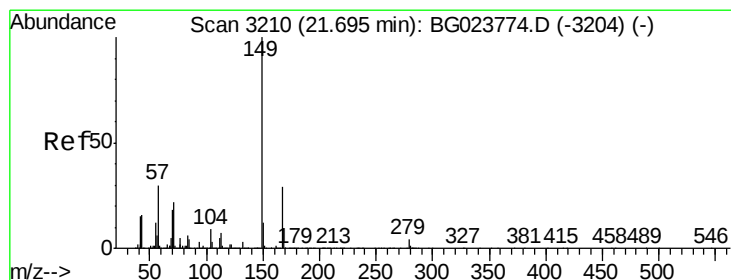
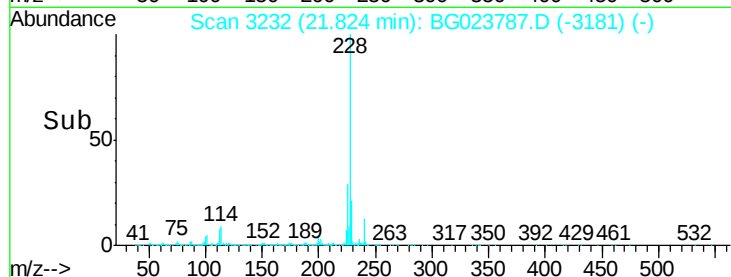
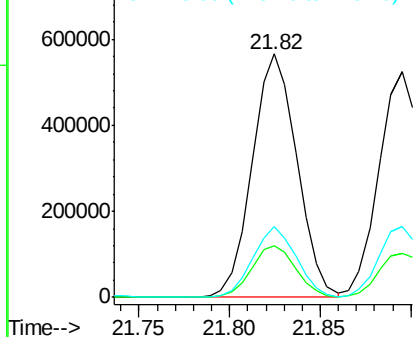
Tot Ion:	228	Resp:	967487
Ion Ratio	Lower	Upper	
228	100		
229	21.1	15.4	23.2
226	29.0	22.8	34.2

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E



#81

Bis(2-ethylhexyl)phthalate

Concen: 17.99 ng/ul

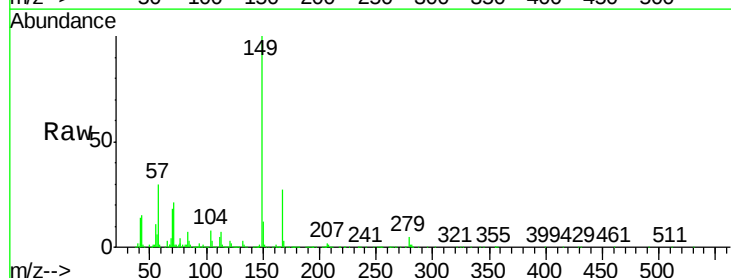
RT: 21.70 min Scan# 3211

Delta R.T. 0.01 min

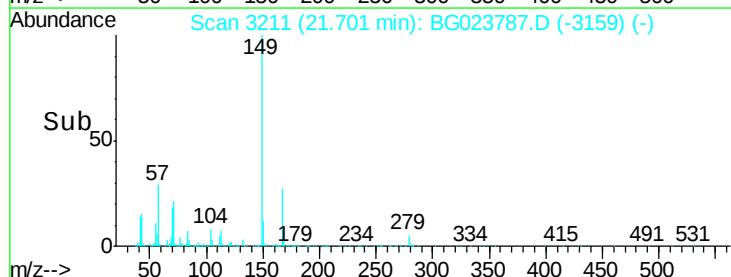
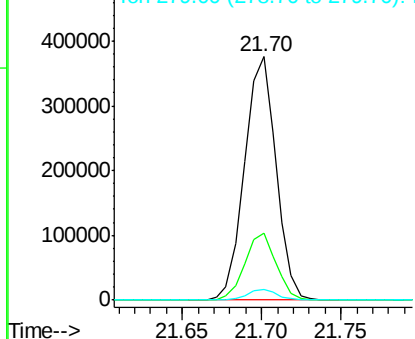
Lab File: BG023787.D

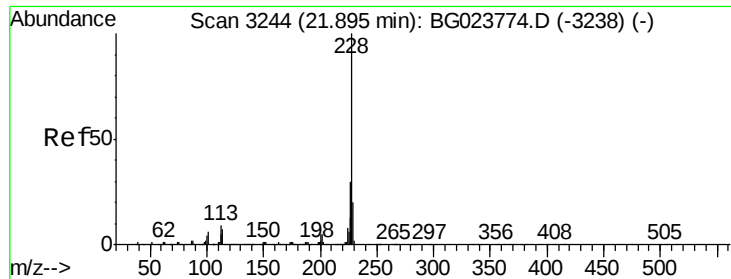
Acq: 19 Aug 2016 9:36

Tgt Ion:	149	Resp:	518043
Ion Ratio	Lower	Upper	
149	100		
167	27.3	21.9	32.9
279	4.6	2.9	4.3#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





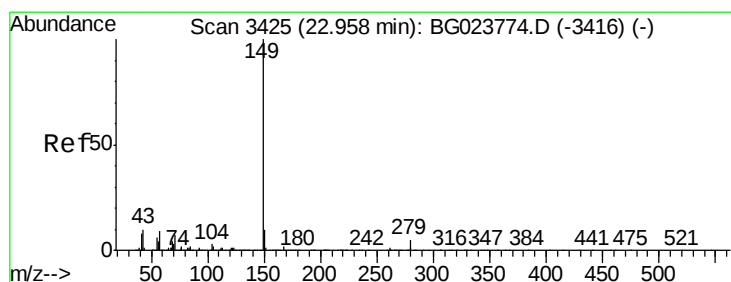
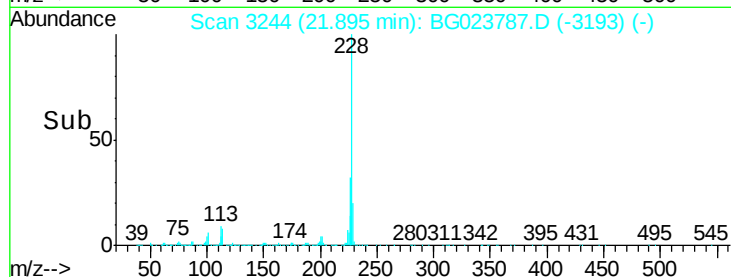
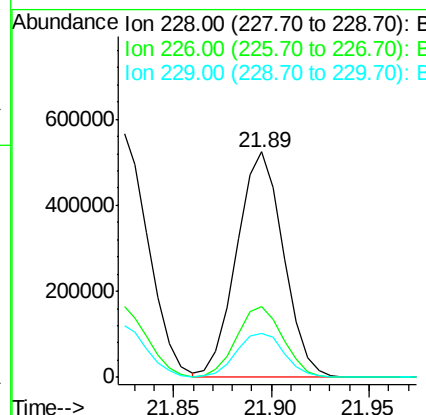
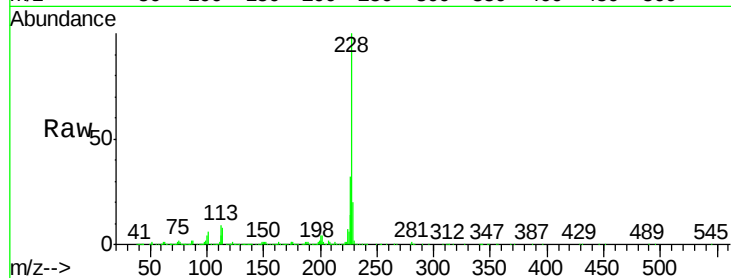
#82
Chrysene
Concen: 20.69 ng/ul
RT: 21.89 min Scan# 3244
Delta R.T. -0.00 min
Lab File: BG023787.D
Acq: 19 Aug 2016 9:36

Instrument :
BNA_G
ClientSampleId :
SSTD02014

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.2	36.4
229	19.6	15.0	22.6

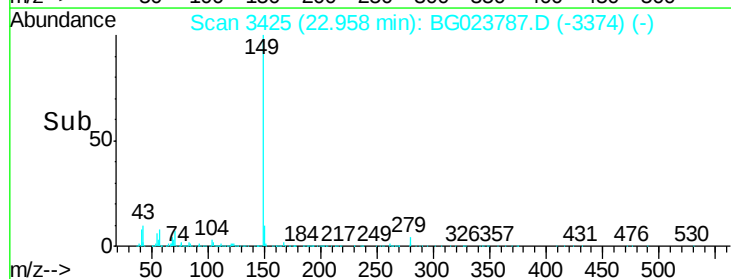
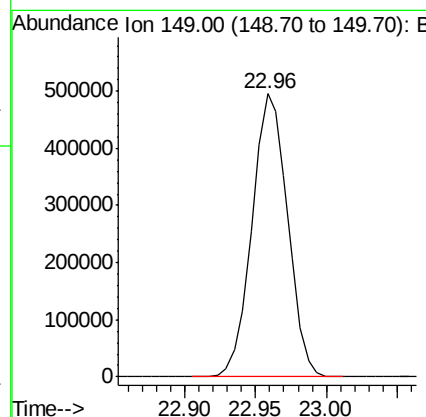
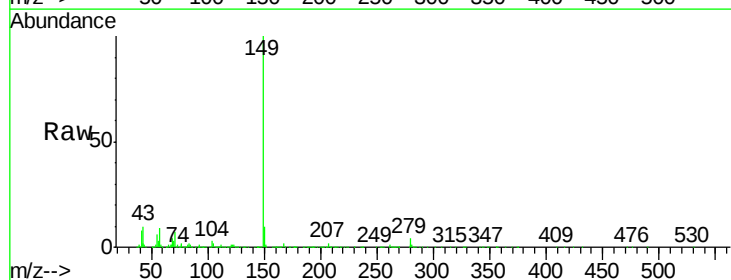
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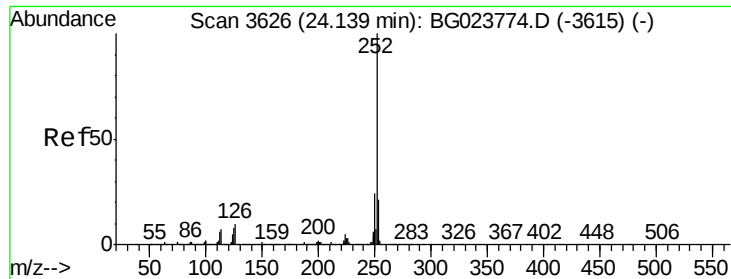
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#84
Di-n-octyl phthalate
Concen: 22.11 ng/ul
RT: 22.96 min Scan# 3425
Delta R.T. -0.00 min
Lab File: BG023787.D
Acq: 19 Aug 2016 9:36

Tgt Ion:149 Resp: 874207





#85

Benzo(b)fluoranthene

Concen: 20.81 ng/ul

RT: 24.14 min Scan# 3627

Delta R.T. 0.01 min

Lab File: BG023787.D

Acq: 19 Aug 2016 9:36

Instrument :

BNA_G

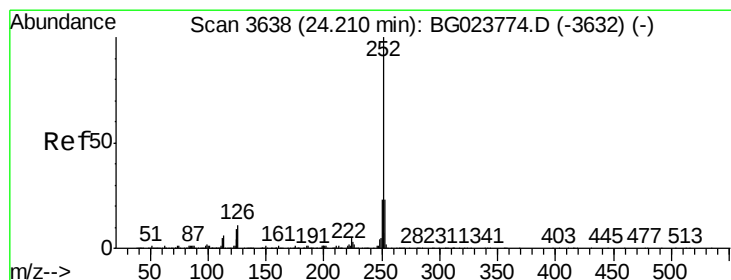
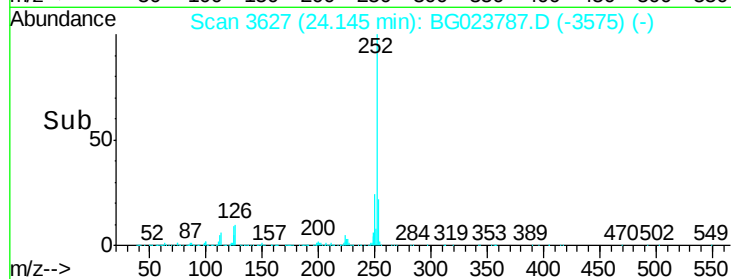
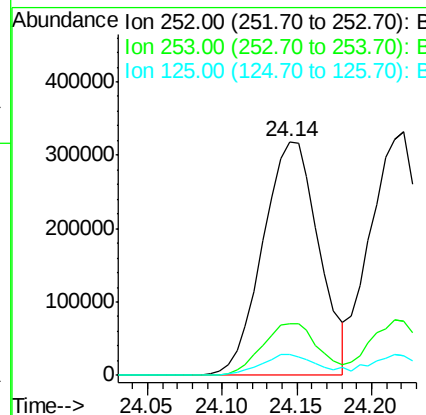
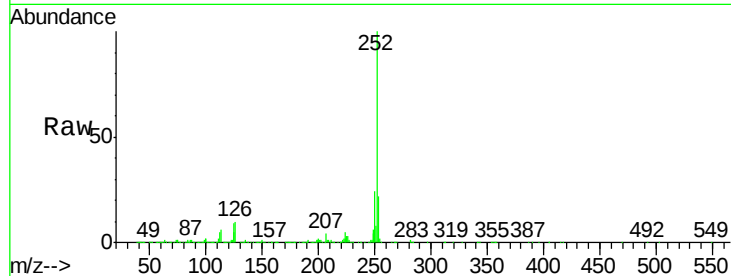
ClientSampleId :

SSTD02014

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.2
125	9.0	10.8	16.2

Manual Integrations
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#86

Benzo(k)fluoranthene

Concen: 20.73 ng/ul

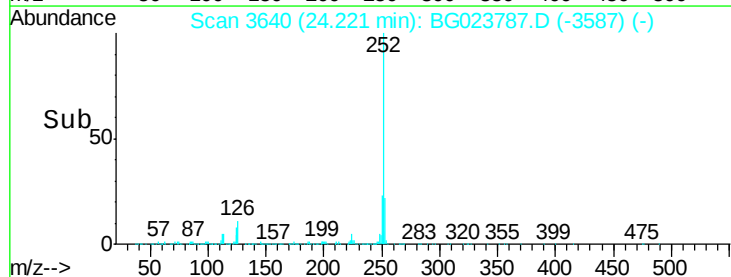
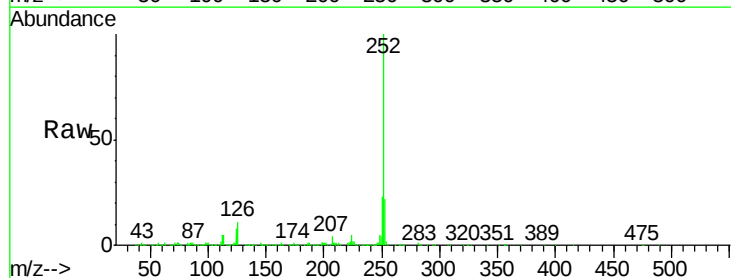
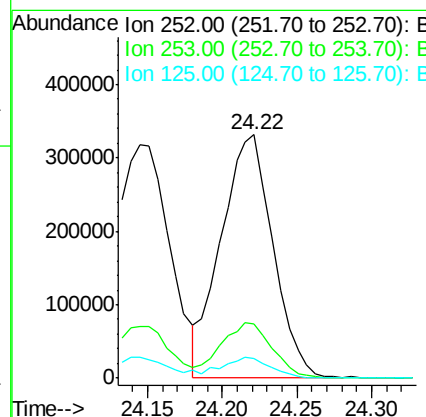
RT: 24.22 min Scan# 3640

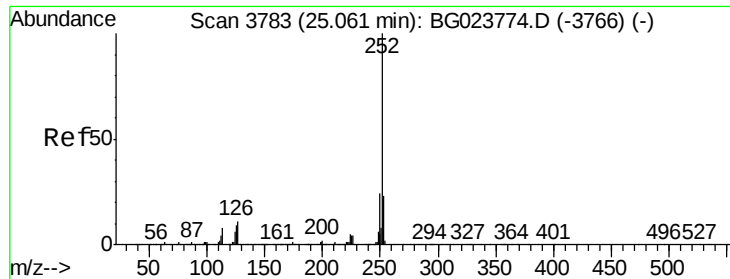
Delta R.T. 0.01 min

Lab File: BG023787.D

Acq: 19 Aug 2016 9:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	15.8	23.6
125	8.0	10.6	16.0





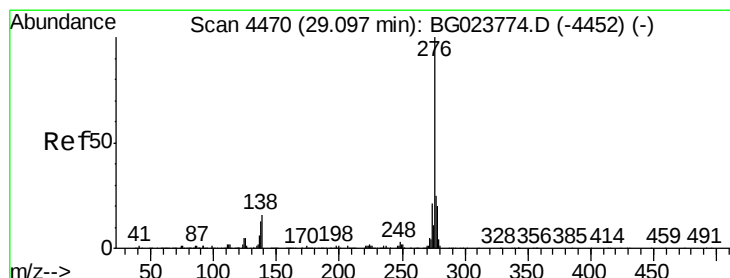
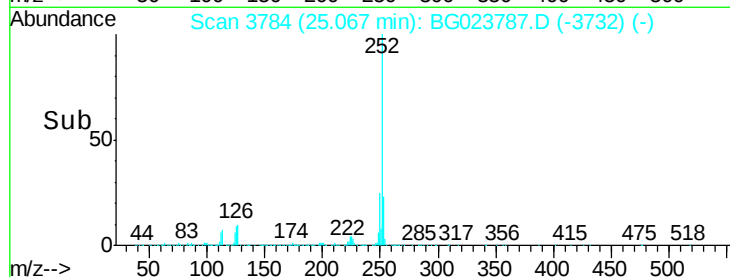
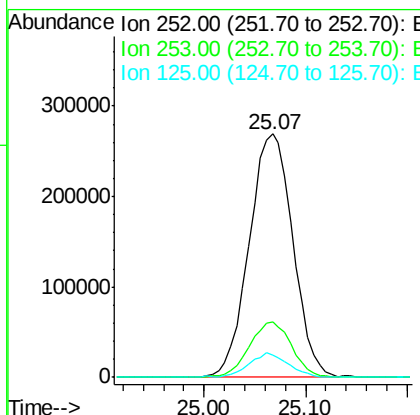
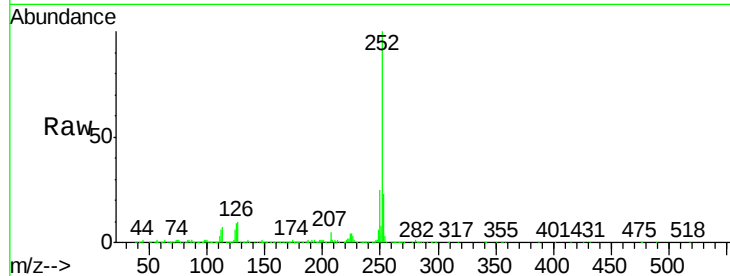
#88
Benzo(a)pyrene
Concen: 20.90 ng/ul
RT: 25.07 min Scan# 3784
Delta R.T. 0.01 min
Lab File: BG023787.D
Acq: 19 Aug 2016 9:36

Instrument :
BNA_G
ClientSampleId :
SSTD02014

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.6	19.0	28.4
125	9.0	12.0	18.0

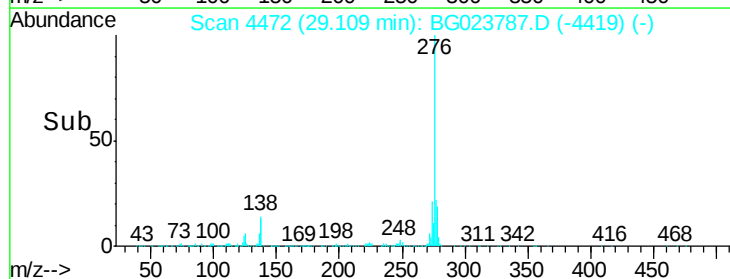
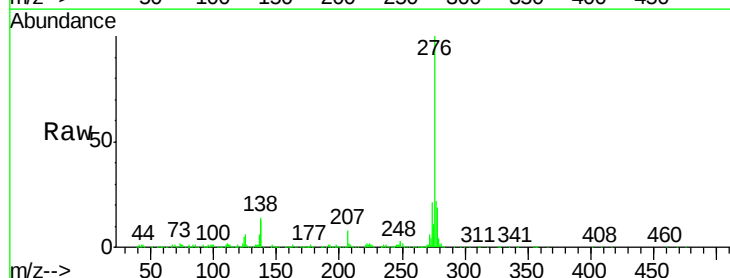
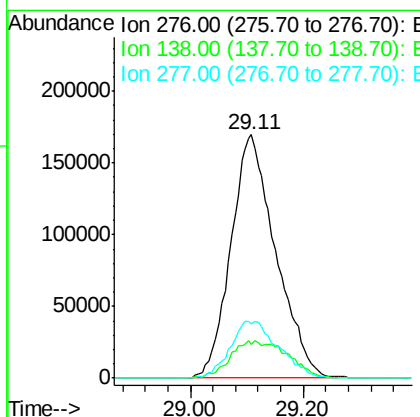
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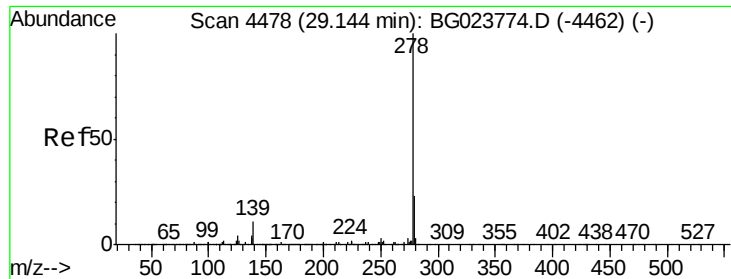
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#89
Indeno(1,2,3-cd)pyrene
Concen: 20.70 ng/ul
RT: 29.11 min Scan# 4472
Delta R.T. 0.01 min
Lab File: BG023787.D
Acq: 19 Aug 2016 9:36

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	14.0	20.8	31.2
277	22.3	17.6	26.4





#90

Dibenzo(a,h)anthracene

Concen: 20.67 ng/ul

RT: 29.16 min Scan# 4481

Delta R.T. 0.02 min

Lab File: BG023787.D

Acq: 19 Aug 2016 9:36

Instrument :

BNA_G

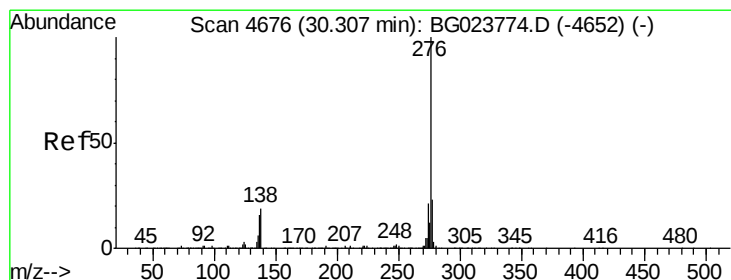
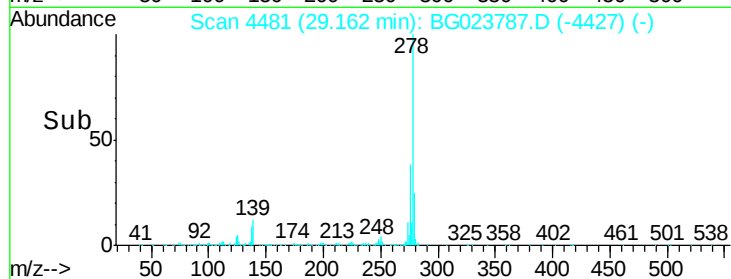
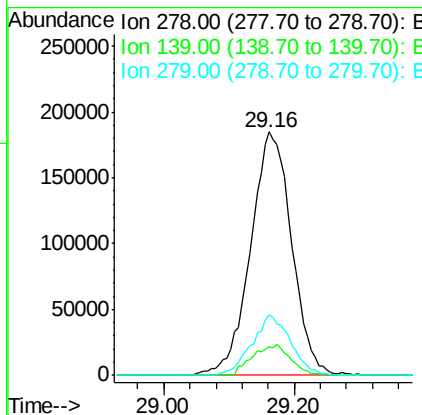
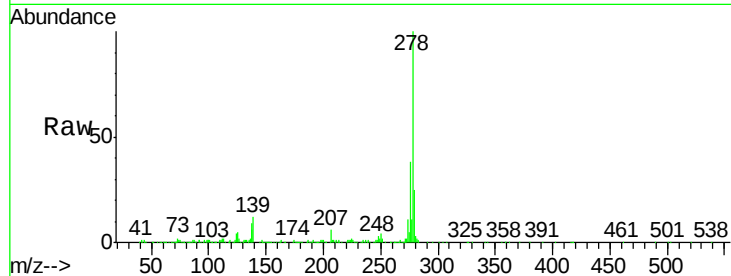
ClientSampleId :

SSTD02014

Tot Ion:	278	Resp:	799652
Ion Ratio	Lower	Upper	
278	100		
139	11.9	16.3	24.5#
279	24.7	19.1	28.7

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#91

Benzo(g,h,i)perylene

Concen: 20.51 ng/ul

RT: 30.31 min Scan# 4677

Delta R.T. 0.01 min

Lab File: BG023787.D

Acq: 19 Aug 2016 9:36

Tgt Ion:	276	Resp:	765394
Ion Ratio	Lower	Upper	
276	100		
138	15.4	22.1	33.1#
277	23.5	17.0	25.4

